

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062094.D
 Acq On : 30 Apr 2019 19:26
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 7:23:35 AM

Quant Time: May 01 01:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	536536	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	830702	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	738443	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	338516	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.42	65	217254	51.74	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	6.89	113	316990	55.18	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.38	98	658801	48.19	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	13.54	95	309293	56.41	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	236992	49.467	ug/l	99
3) Chloromethane	1.74	50	181618	44.603	ug/l	95
4) Vinyl Chloride	1.83	62	179942	48.756	ug/l	98
5) Bromomethane	2.14	94	50251	52.257	ug/l	98
6) Chloroethane	2.25	64	67961	50.942	ug/l	90
7) Trichlorofluoromethane	2.51	101	277216	49.679	ug/l	99
8) Diethyl Ether	2.85	74	78676	52.606	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.12	101	277282	53.942	ug/l	96
10) Methyl Iodide	3.28	142	381351	48.836	ug/l	99
11) Tert butyl alcohol	4.03	59	65230	274.932	ug/l	99
12) 1,1-Dichloroethene	3.10	96	227603	52.043	ug/l	99
13) Acrolein	3.02	56	64790	263.190	ug/l	99
14) Allyl chloride	3.60	41	302076	50.584	ug/l	97
15) Acrylonitrile	4.16	53	192405	261.889	ug/l	97
16) Acetone	3.19	43	259012	258.327	ug/l	95
17) Carbon Disulfide	3.35	76	594645	47.053	ug/l	100
18) Methyl Acetate	3.61	43	100761	55.657	ug/l	99
19) Methyl tert-butyl Ether	4.21	73	438054	50.483	ug/l	95
20) Methylene Chloride	3.78	84	254669	52.322	ug/l	98
21) trans-1,2-Dichloroethene	4.19	96	236188	47.077	ug/l	98
22) Diisopropyl ether	5.08	45	655136	46.988	ug/l	99
23) Vinyl Acetate	5.01	43	1803710	248.418	ug/l	98
24) 1,1-Dichloroethane	4.95	63	398275	47.262	ug/l	100
25) 2-Butanone	6.03	43	304362	250.372	ug/l	99
26) 2,2-Dichloropropane	5.99	77	362104	49.255	ug/l	99
27) cis-1,2-Dichloroethene	6.00	96	285209	49.971	ug/l	98
28) Bromochloromethane	6.40	49	163005	50.554	ug/l	98
29) Tetrahydrofuran	6.42	42	142254	237.495	ug/l	96
30) Chloroform	6.63	83	492992	51.506	ug/l	96
31) Cyclohexane	6.92	56	300578	48.055	ug/l	93
32) 1,1,1-Trichloroethane	6.84	97	391656	47.028	ug/l	100
36) 1,1-Dichloropropene	7.11	75	327266	50.566	ug/l	99
37) Ethyl Acetate	6.15	43	146412	53.087	ug/l	96
38) Carbon Tetrachloride	7.08	117	423240m	51.607	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	316776	49.609	ug/l	98
40) Benzene	7.43	78	774039	48.309	ug/l	96
41) Methacrylonitrile	6.40	41	169341	52.624	ug/l #	94
42) 1,2-Dichloroethane	7.54	62	287775	52.897	ug/l	99
43) Isopropyl Acetate	9.21	43	207570	51.509	ug/l	99
44) Trichloroethene	8.51	130	321121	51.696	ug/l	99
45) 1,2-Dichloropropane	8.91	63	213617	52.553	ug/l	99
46) Dibromomethane	9.03	93	150070	51.309	ug/l	96
47) Bromodichloromethane	9.35	83	364553	52.750	ug/l	99
48) Methyl methacrylate	9.09	41	125537	54.600	ug/l	95
49) 1,4-Dioxane	9.05	88	28475	1148.726	ug/l	94
51) 4-Methyl-2-Pentanone	10.27	43	725117	294.231	ug/l	99
52) Toluene	10.48	92	508877	49.810	ug/l	98
53) t-1,3-Dichloropropene	10.88	75	311512	53.701	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	366020	51.878	ug/l	98
55) 1,1,2-Trichloroethane	11.17	97	175467	51.159	ug/l	98
56) Ethyl methacrylate	11.02	69	186532	49.105	ug/l	98
57) 1,3-Dichloropropane	11.38	76	272920	51.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.83	63	459807	260.351	ug/l	99
59) 2-Hexanone	11.51	43	465393	251.742	ug/l	99
60) Dibromochloromethane	11.66	129	310091	54.641	ug/l	100
61) 1,2-Dibromoethane	11.78	107	222853	54.774	ug/l	100
64) Tetrachloroethene	11.24	164	232143	44.069	ug/l	95
65) Chlorobenzene	12.38	112	655604	46.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	265934	44.929	ug/l	95
67) Ethyl Benzene	12.51	91	983879	43.199	ug/l	99
68) m/p-Xylenes	12.65	106	722968	87.828	ug/l	99
69) o-Xylene	13.04	106	324635	43.102	ug/l	98
70) Styrene	13.06	104	606539	46.639	ug/l	99
71) Bromoform	13.21	173	165549	49.059	ug/l	99
73) Isopropylbenzene	13.38	105	1000714	44.316	ug/l	99
74) N-amyl acetate	13.25	43	265085	45.582	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	203319	45.947	ug/l	98
76) 1,2,3-Trichloropropane	13.72	75	202601	47.131	ug/l	100
77) Bromobenzene	13.66	156	289035	44.619	ug/l	92
78) n-propylbenzene	13.76	91	1127247	43.607	ug/l	98
79) 2-Chlorotoluene	13.82	91	667495	42.630	ug/l	95
80) 1,3,5-Trimethylbenzene	13.91	105	843598	46.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	60405	46.371	ug/l	97
82) 4-Chlorotoluene	13.93	91	788867	45.748	ug/l	97
83) tert-Butylbenzene	14.18	119	966719	46.347	ug/l	95
84) 1,2,4-Trimethylbenzene	14.22	105	788289	45.851	ug/l	97
85) sec-Butylbenzene	14.36	105	1058582	46.970	ug/l	96
86) p-Isopropyltoluene	14.47	119	876024	43.431	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	504278	44.453	ug/l	96
88) 1,4-Dichlorobenzene	14.52	146	500974	47.223	ug/l	96
89) n-Butylbenzene	14.78	91	829847	45.826	ug/l	95
90) Hexachloroethane	15.00	117	254853	46.726	ug/l	88
91) 1,2-Dichlorobenzene	14.80	146	437991	46.807	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	32855	50.240	ug/l	87

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	264943	52.475	µg/l	97
94) Hexachlorobutadiene	16.03	225	187920	50.295	µg/l	99
95) Naphthalene	16.11	128	434655	53.319	µg/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	174052	60.758	µg/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

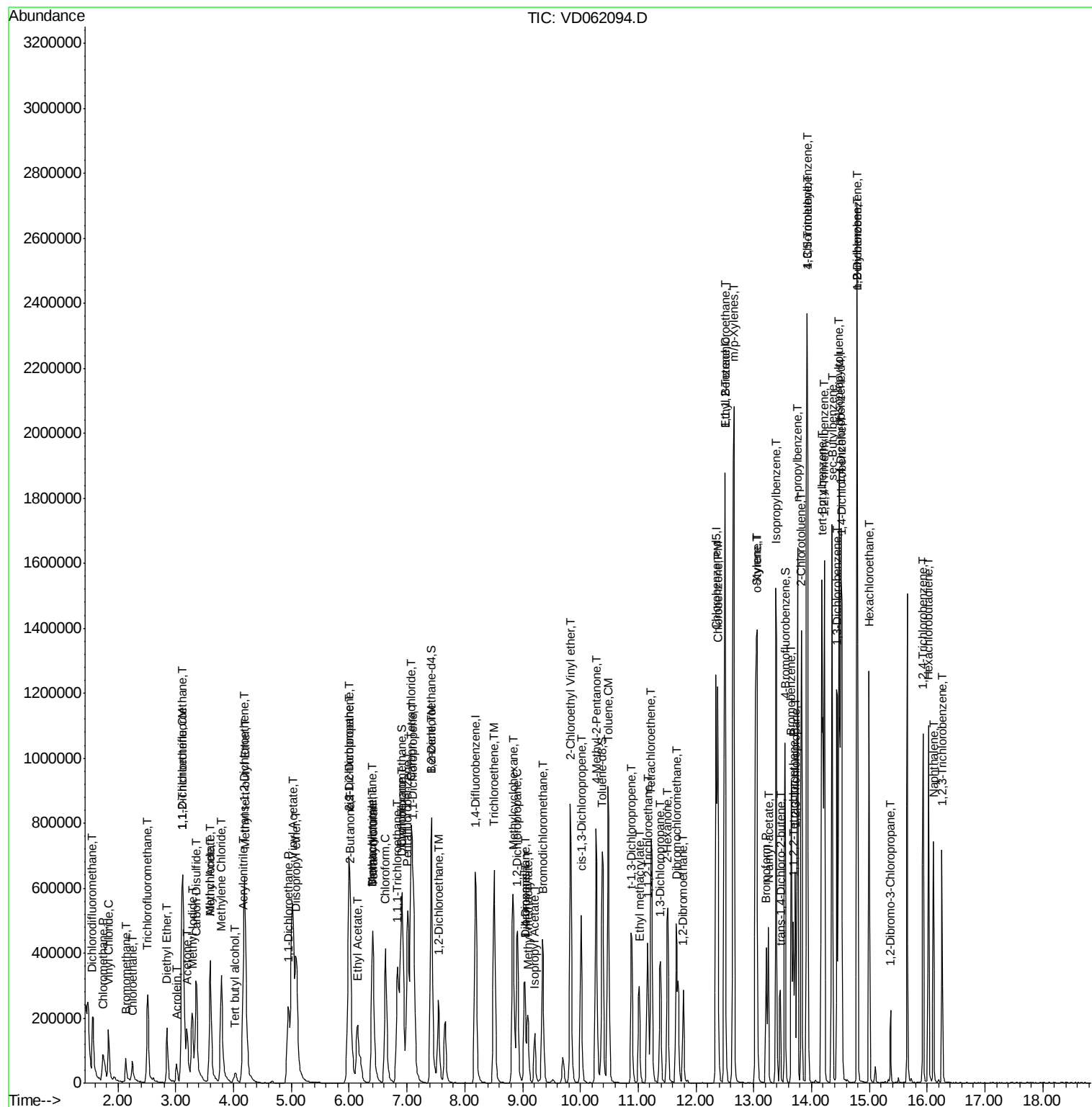
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
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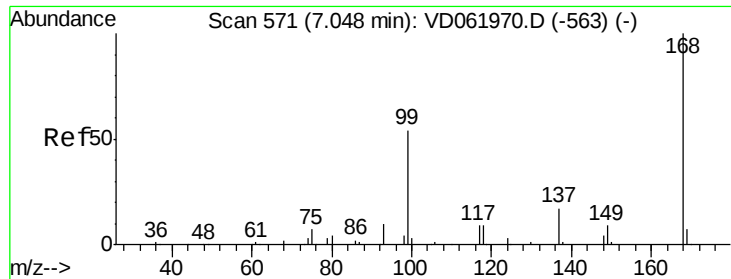
Instrument :
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#1

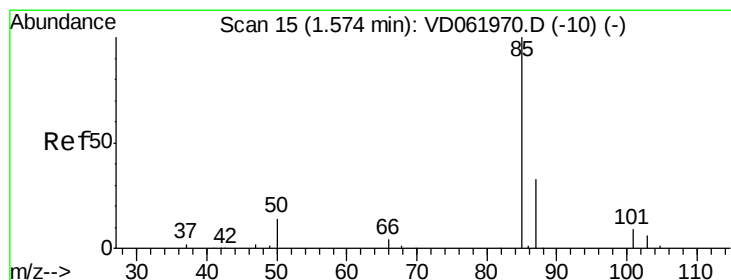
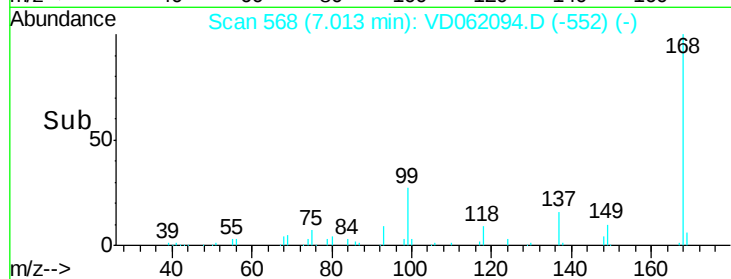
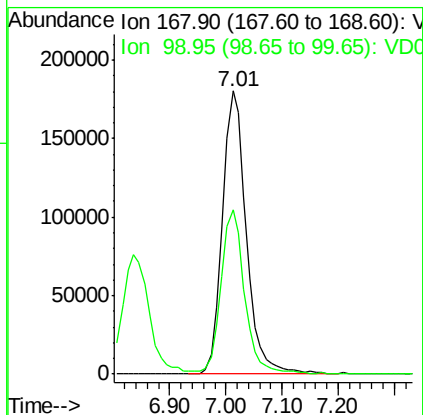
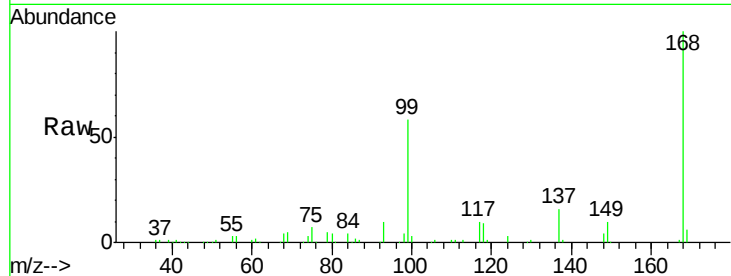
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.01 min Scan# 568
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.3	46.5	69.7

Manual Integrations
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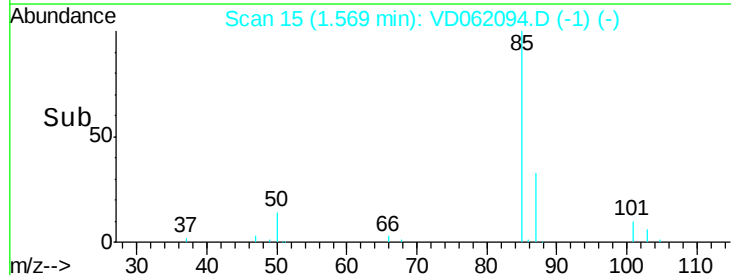
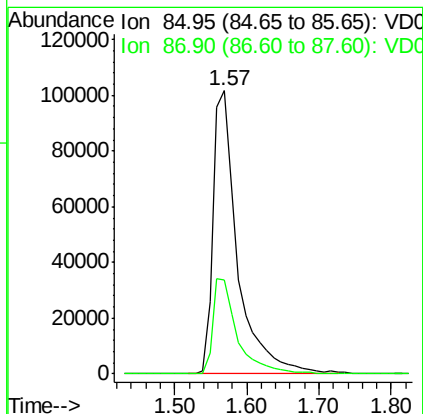
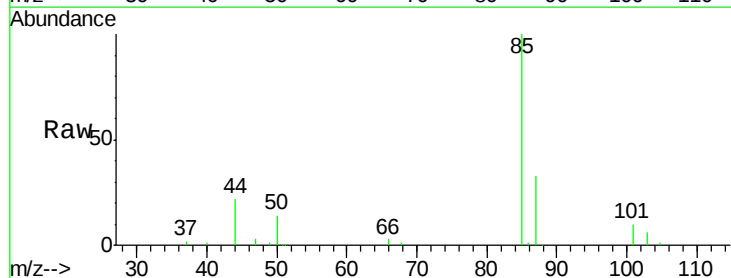
MMDadoda
 5/2/2019 7:23:35 AM

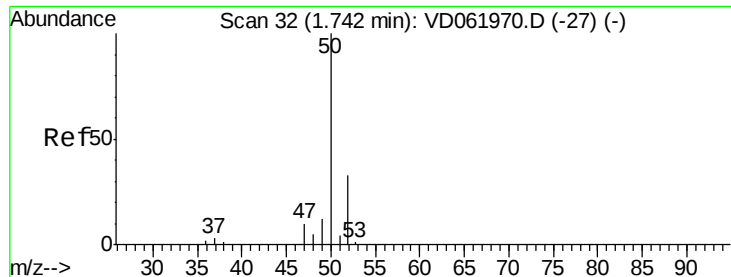


#2

Dichlorodifluoromethane
 Concen: 49.467 ug/l
 RT: 1.57 min Scan# 15
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.2	48.6





#3

Chloromethane

Concen: 44.603 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 181618

Ion Ratio Lower Upper

50 100

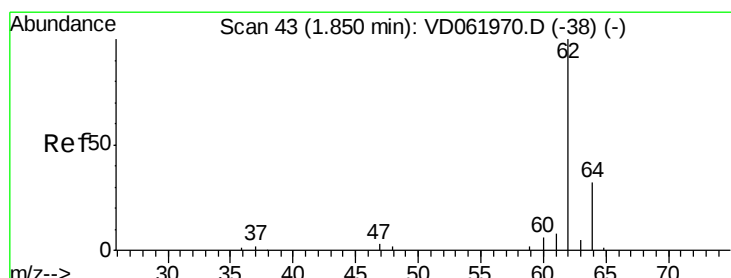
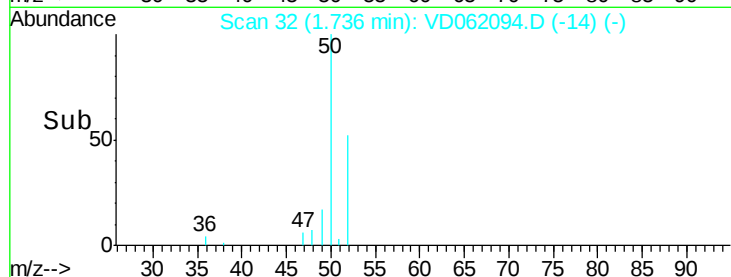
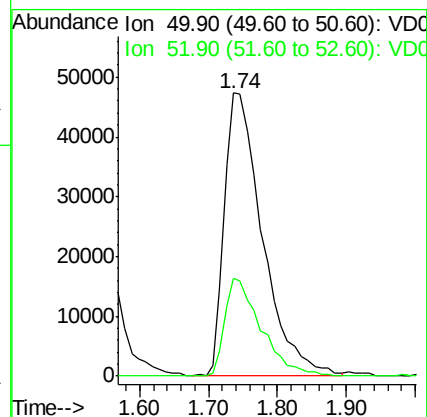
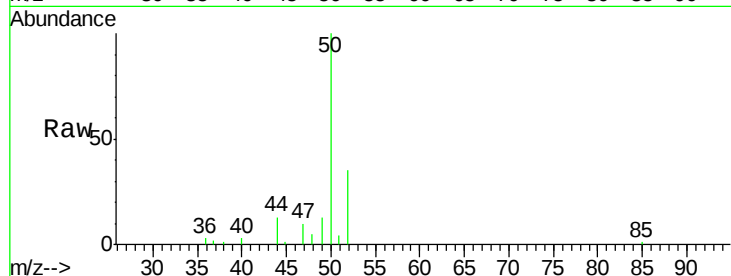
52 34.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.756 ug/l

RT: 1.83 min Scan# 42

Delta R.T. -0.02 min

Lab File: VD062094.D

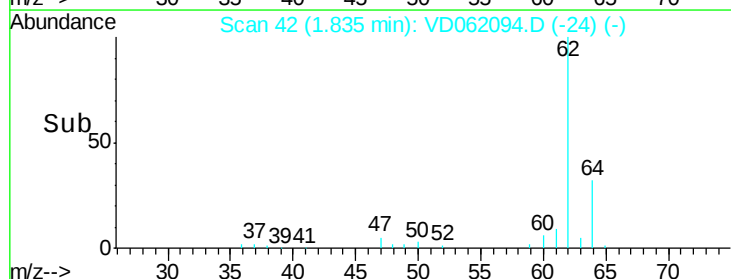
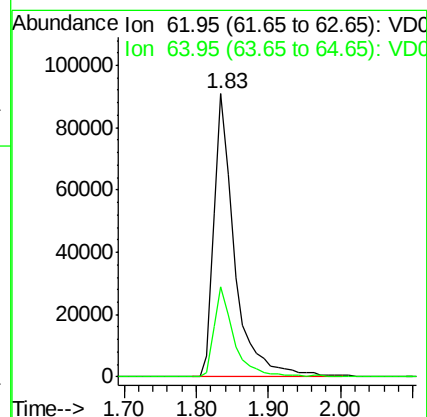
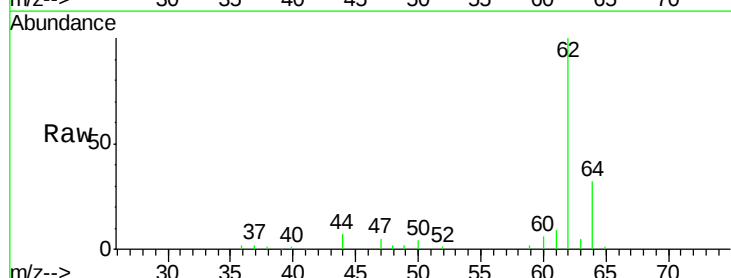
Acq: 30 Apr 2019 19:26

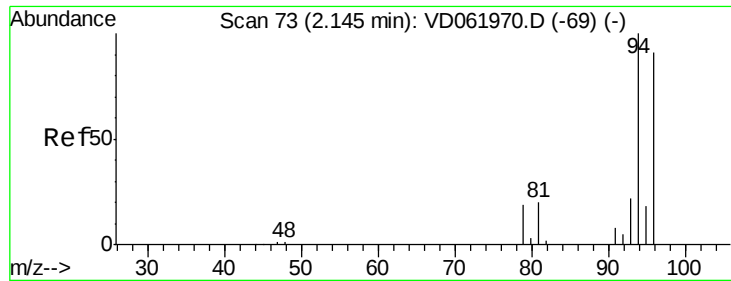
Tgt Ion: 62 Resp: 179942

Ion Ratio Lower Upper

62 100

64 31.8 26.5 39.7





#5

Bromomethane

Concen: 52.257 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

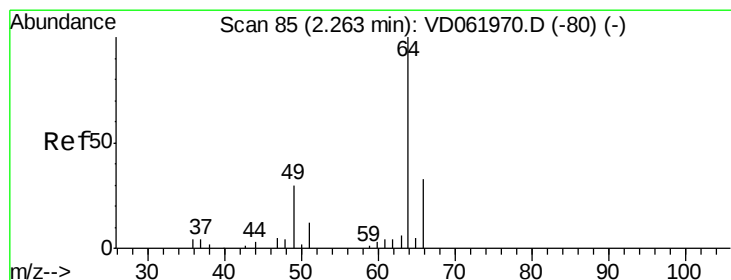
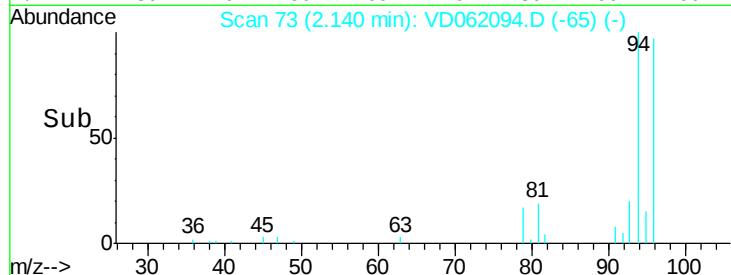
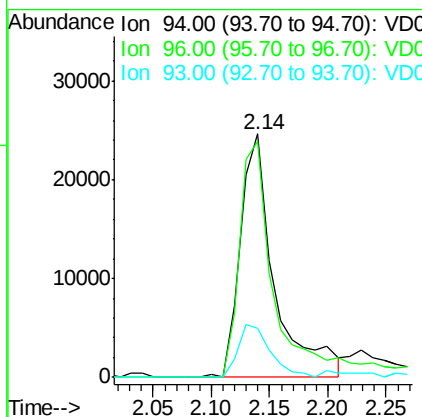
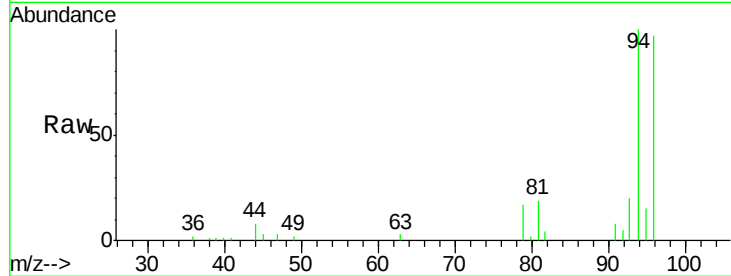
ClientSampleId :

VSTDCCC050EC

Tot Ion:	94	Resp:	50251
Ion	Ratio	Lower	Upper
94	100		
96	96.9	76.6	115.0
93	20.2	18.5	27.7

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#6

Chloroethane

Concen: 50.942 ug/l

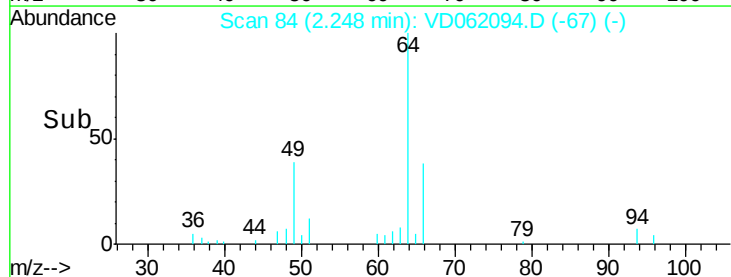
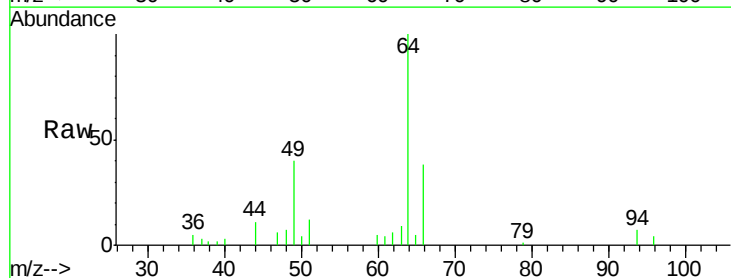
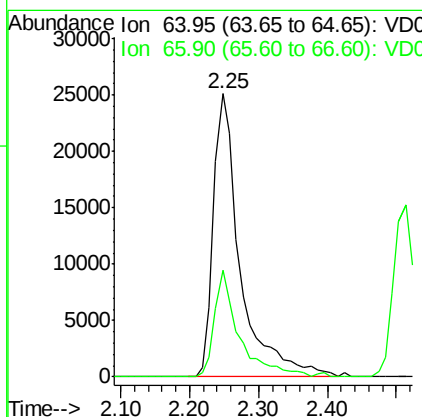
RT: 2.25 min Scan# 84

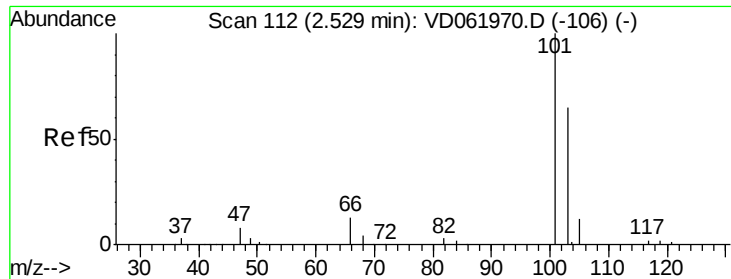
Delta R.T. -0.03 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion:	64	Resp:	67961
Ion	Ratio	Lower	Upper
64	100		
66	37.6	25.6	38.4





#7

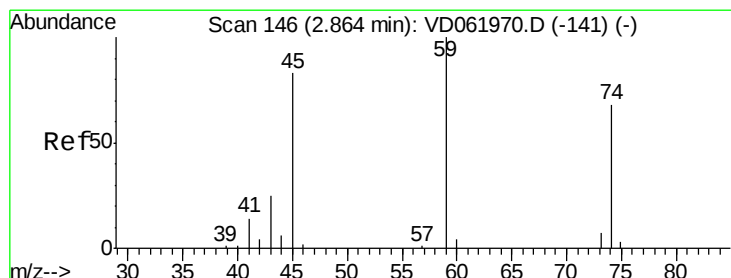
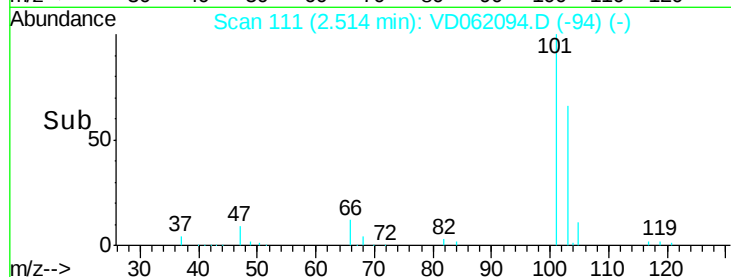
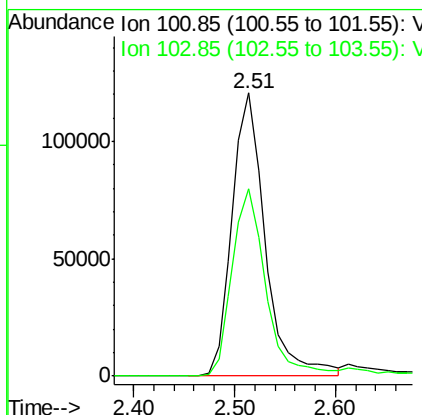
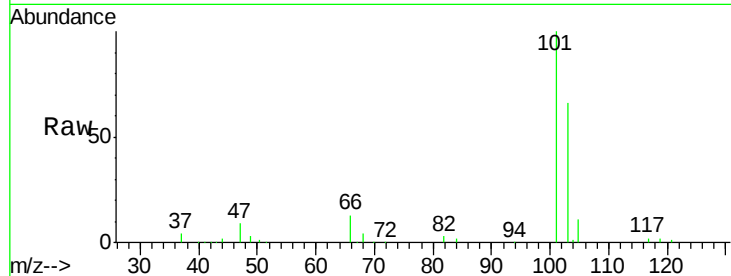
Trichlorofluoromethane
 Concen: 49.679 ug/l
 RT: 2.51 min Scan# 111
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	53.6	80.4

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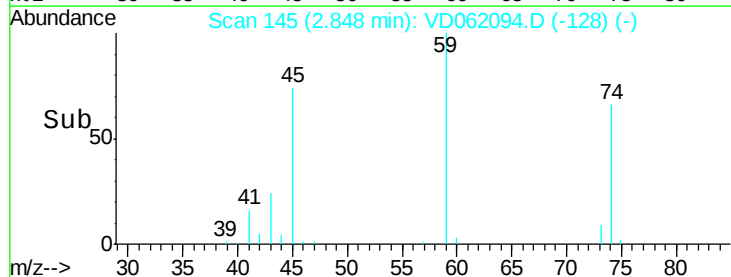
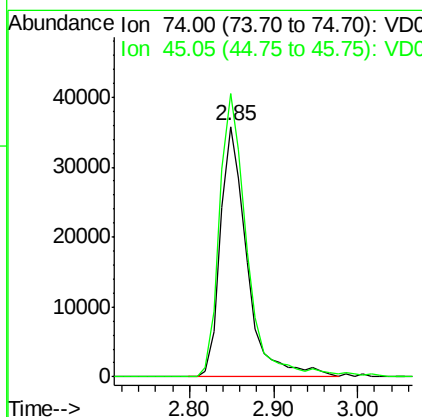
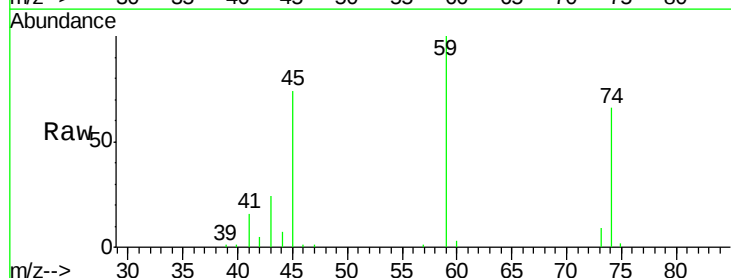
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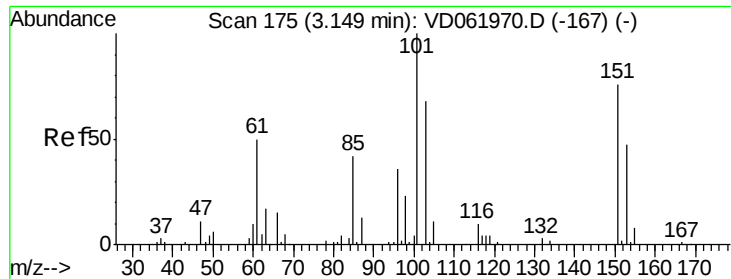


#8

Diethyl Ether
 Concen: 52.606 ug/l
 RT: 2.85 min Scan# 145
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.9	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.942 ug/l

RT: 3.12 min Scan# 173

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

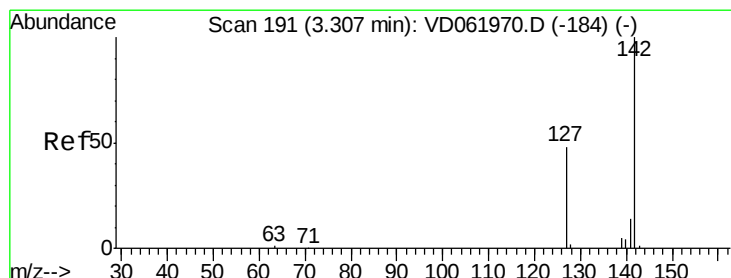
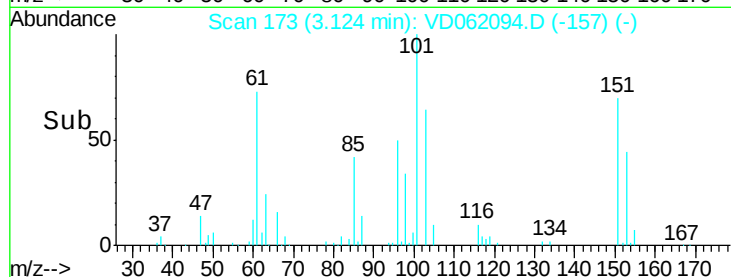
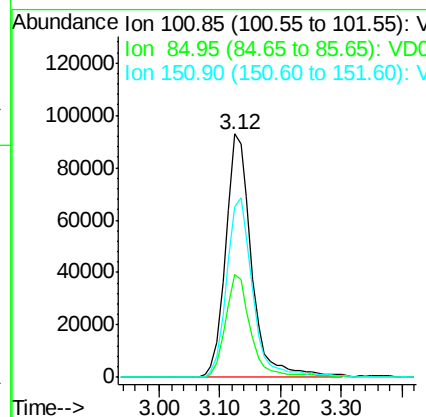
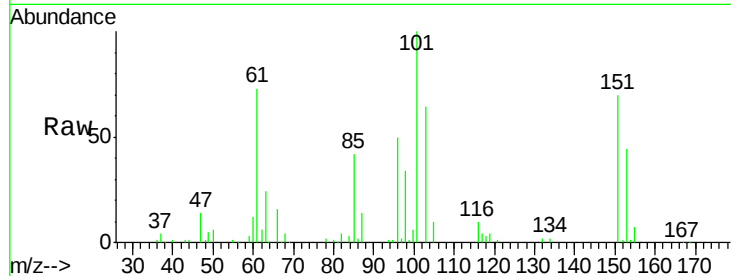
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	277282
Ion Ratio	Lower	Upper	
101	100		
85	42.1	32.4	48.6
151	70.2	59.4	89.0

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#10

Methyl Iodide

Concen: 48.836 ug/l

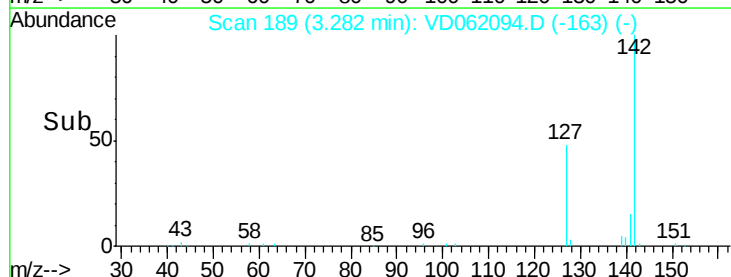
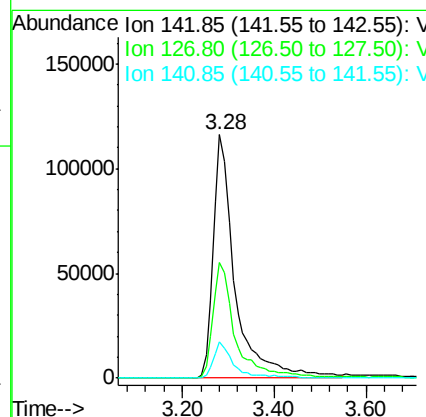
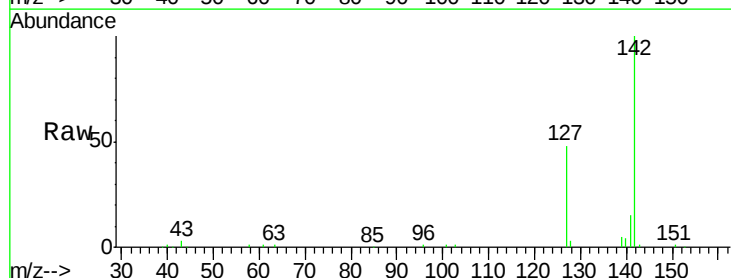
RT: 3.28 min Scan# 189

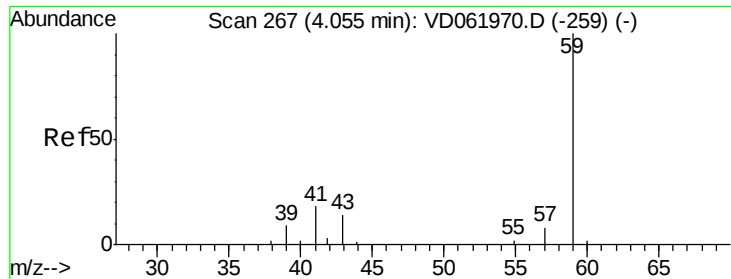
Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion:	142	Resp:	381351
Ion Ratio	Lower	Upper	
142	100		
127	47.7	38.8	58.2
141	14.6	11.4	17.0





#11

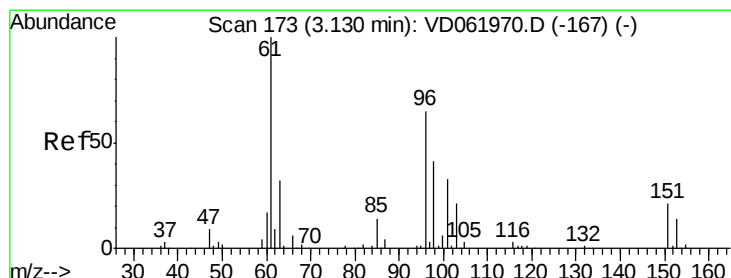
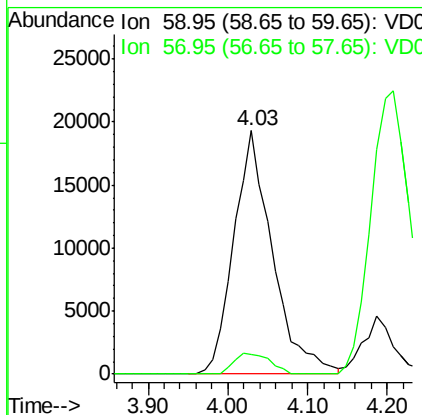
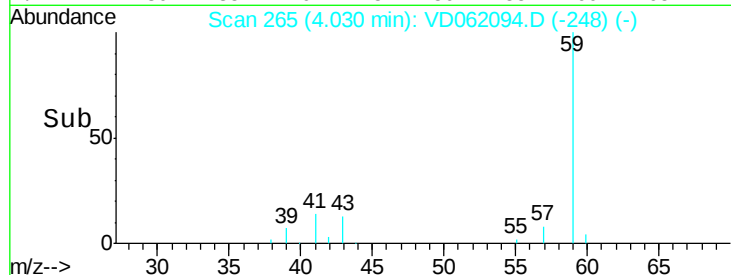
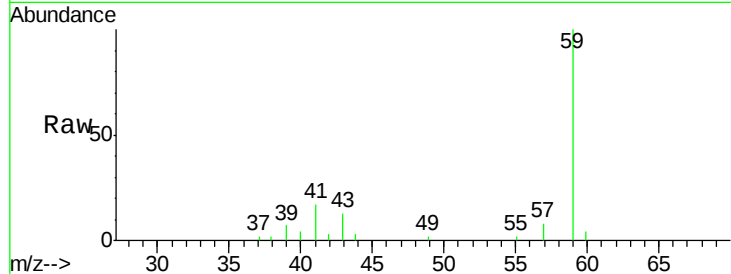
Tert butyl alcohol
Concen: 274.932 ug/l
RT: 4.03 min Scan# 265
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.2	6.9	10.3

Manual Integrations
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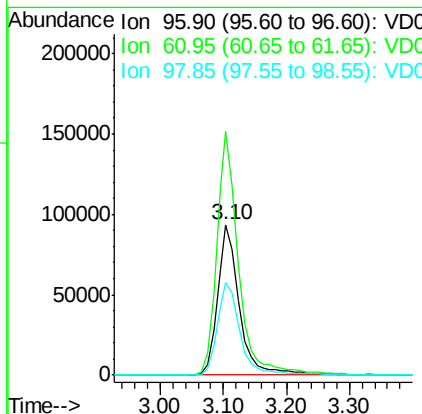
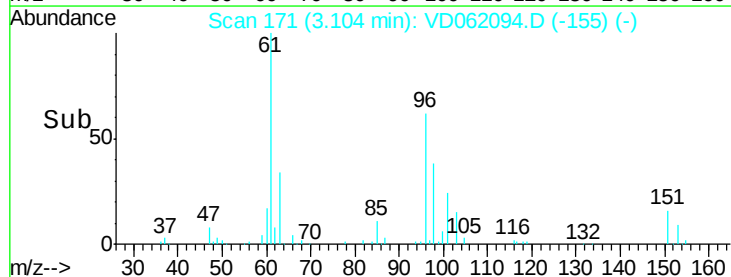
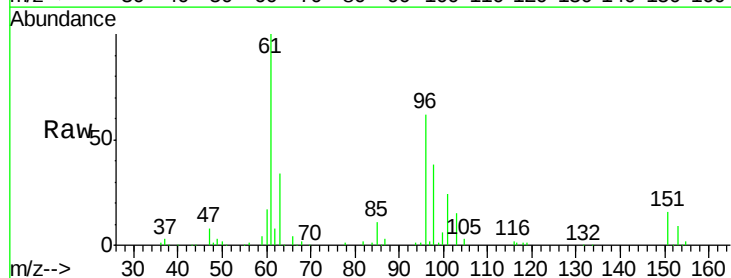
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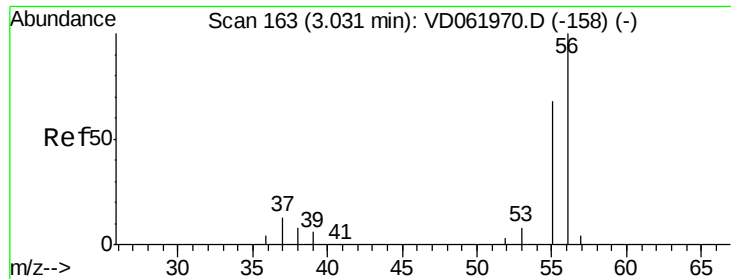


#12

1,1-Dichloroethene
Concen: 52.043 ug/l
RT: 3.10 min Scan# 171
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	129.8	194.8
98	61.3	51.2	76.8





#13

Acrolein

Concen: 263.190 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.03 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 64790

Ion Ratio Lower Upper

56 100

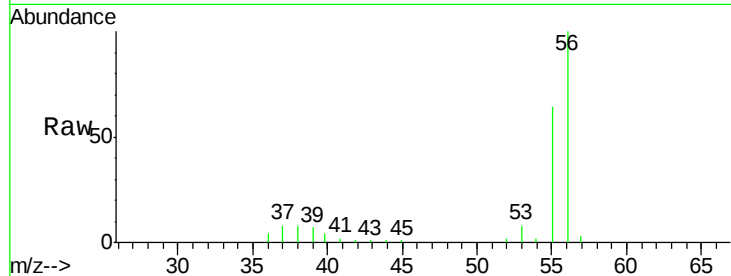
55 63.6 51.4 77.2

Manual Integrations

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Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

30000

25000

20000

15000

10000

5000

0

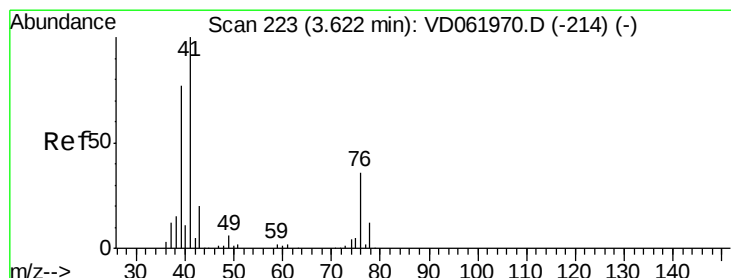
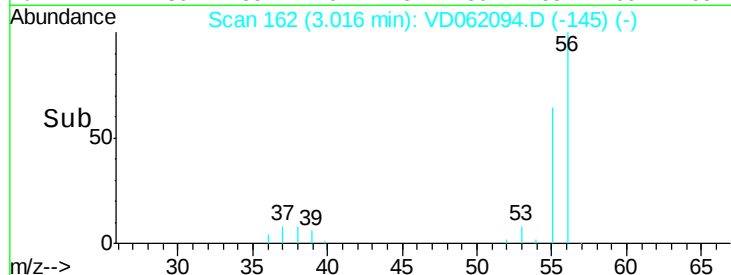
Time-->

2.90

3.00

3.10

3.20



#14

Allyl chloride

Concen: 50.584 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

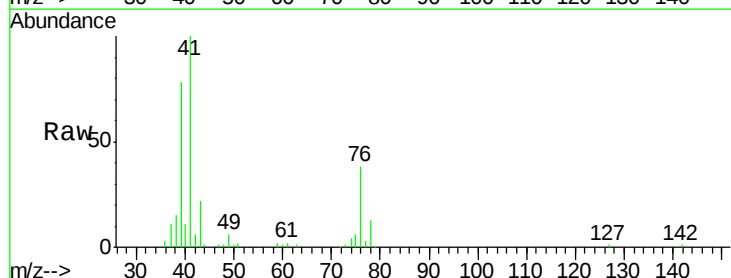
Tgt Ion: 41 Resp: 302076

Ion Ratio Lower Upper

41 100

39 78.0 60.5 90.7

76 38.0 31.8 47.8



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

150000

100000

50000

0

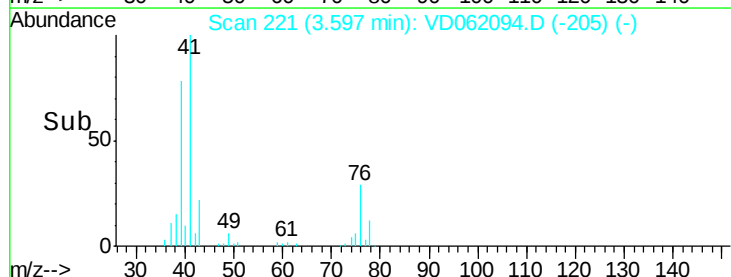
Time-->

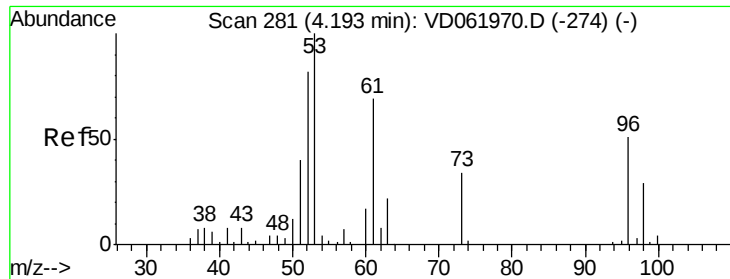
3.50

3.60

3.70

3.80





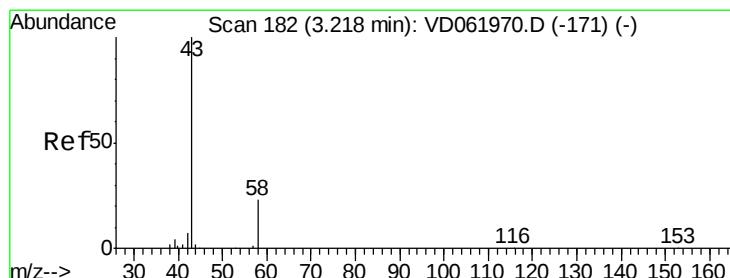
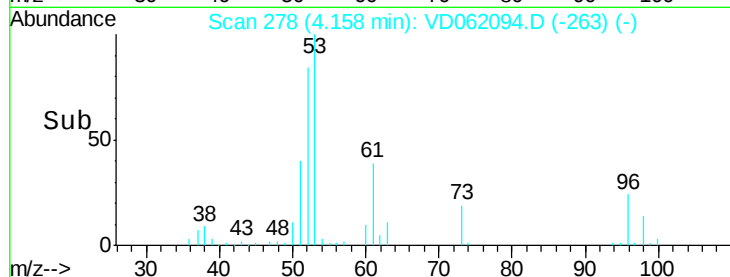
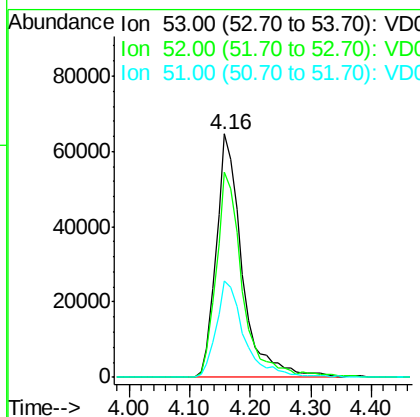
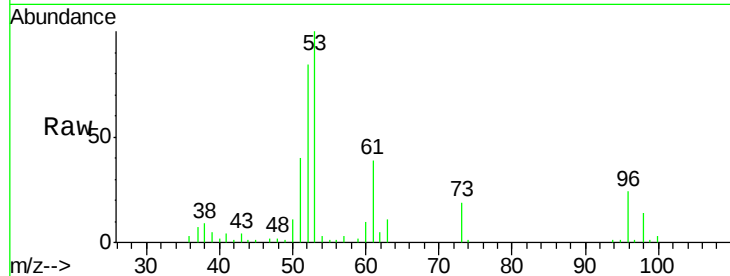
#15
 Acrylonitrile
 Concen: 261.889 ug/l
 RT: 4.16 min Scan# 278
 Delta R.T. -0.05 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.4	65.0	97.4
51	39.6	32.6	48.8

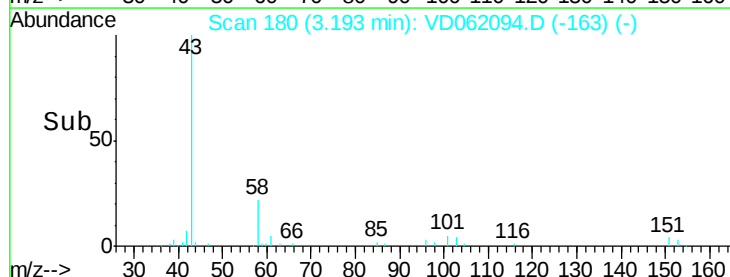
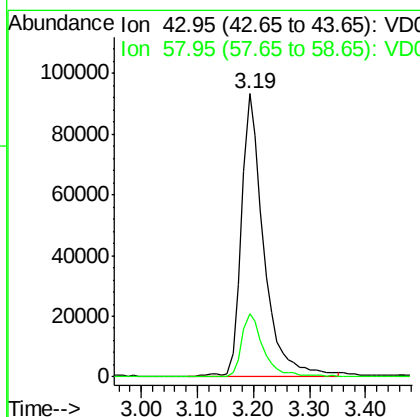
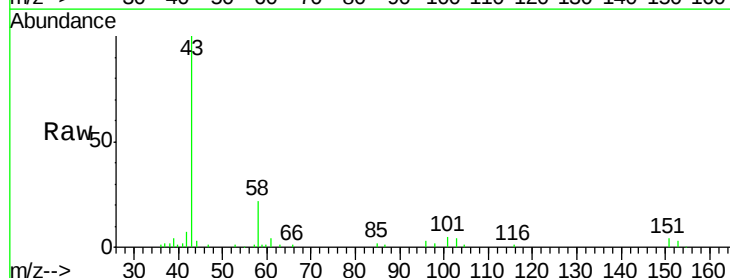
Manual Integrations
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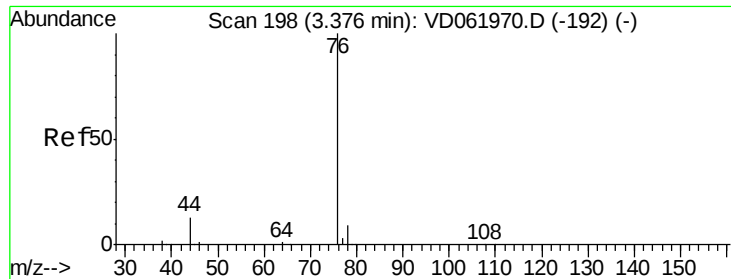
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#16
 Acetone
 Concen: 258.327 ug/l
 RT: 3.19 min Scan# 180
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.4	19.9	29.9





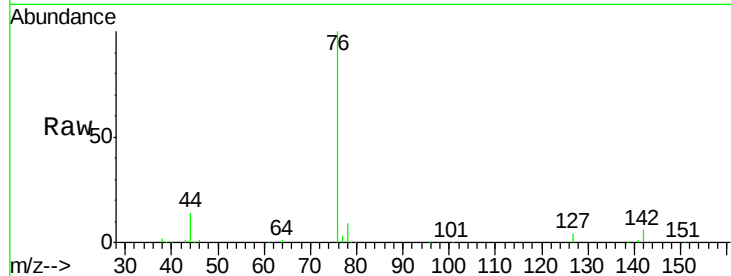
#17
Carbon Disulfide
Concen: 47.053 ug/l
RT: 3.35 min Scan# 196
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

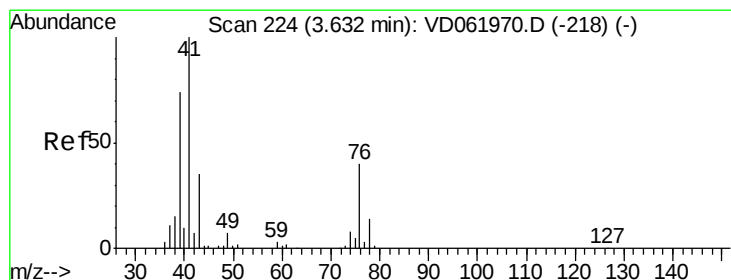
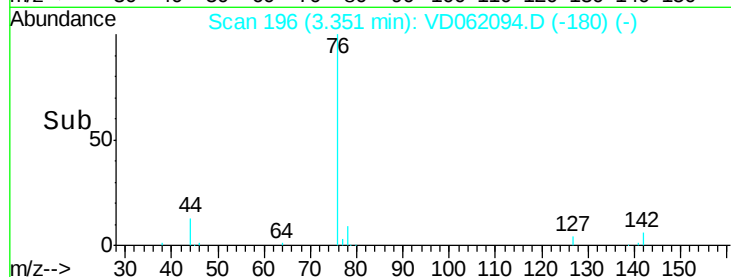
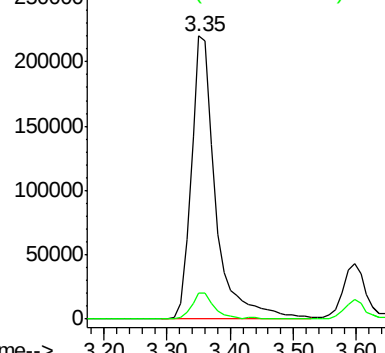
Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

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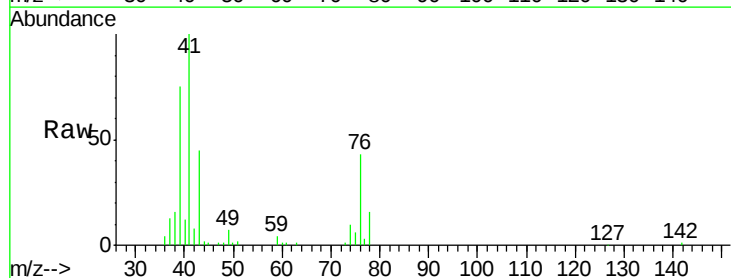


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

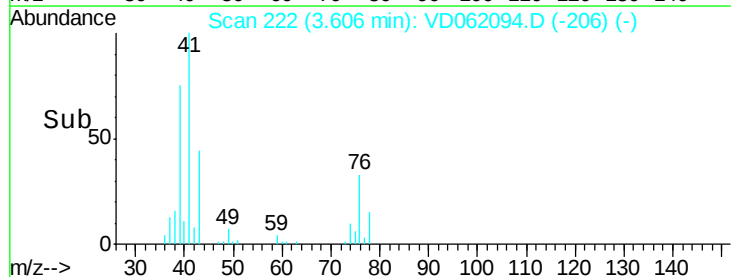
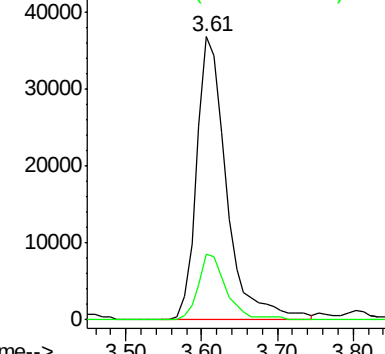


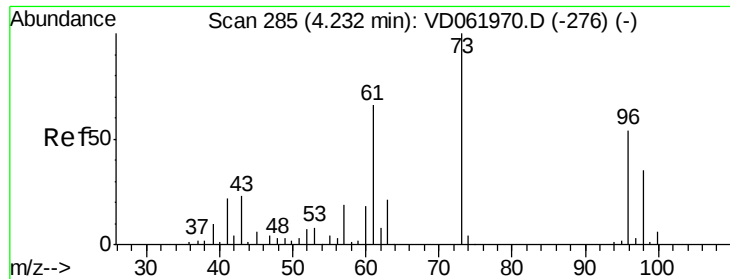
#18
Methyl Acetate
Concen: 55.657 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC





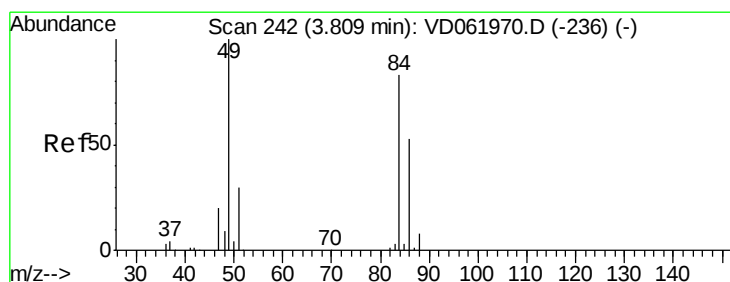
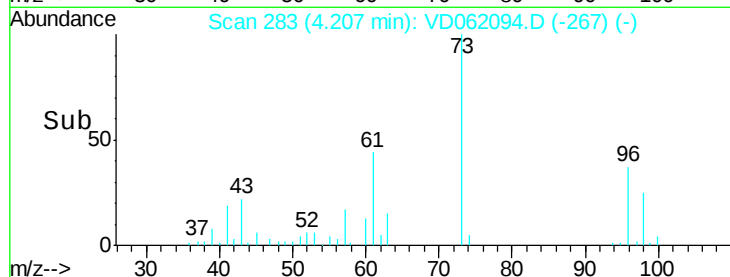
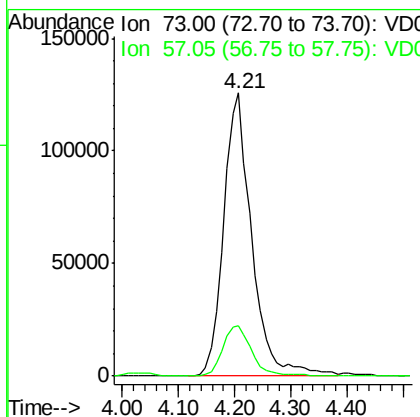
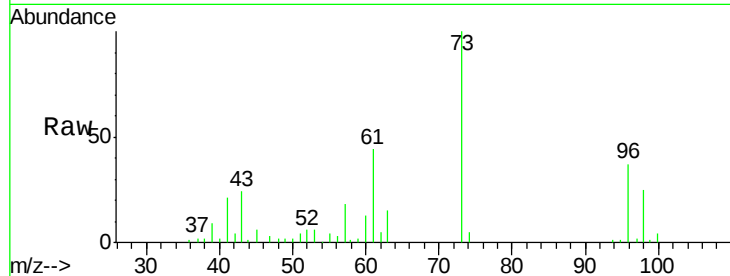
#19
Methyl tert-butyl Ether
Concen: 50.483 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 438054
Ion Ratio Lower Upper
73 100
57 17.9 16.3 24.5

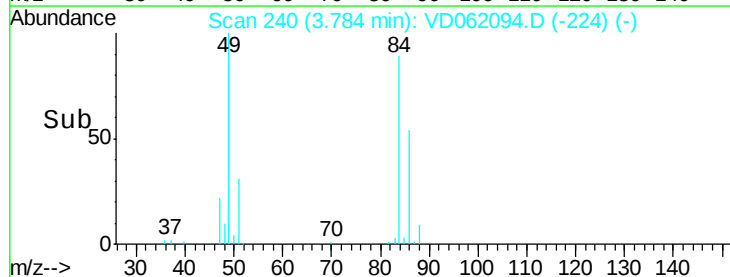
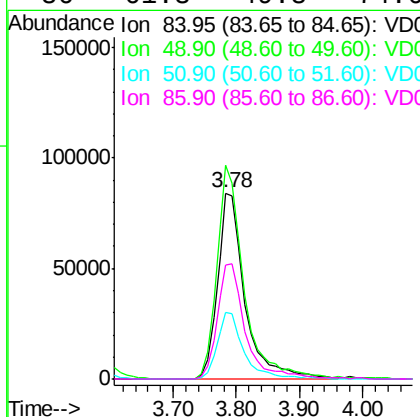
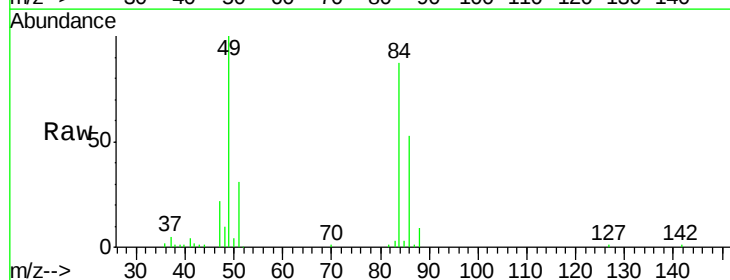
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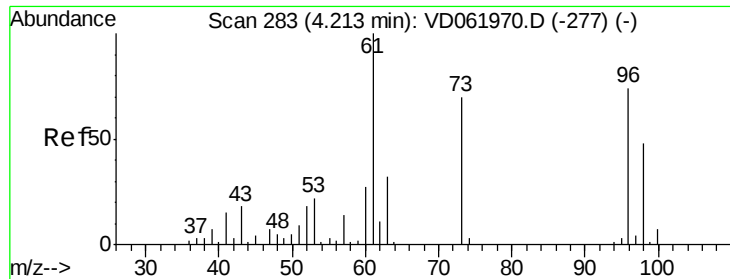
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#20
Methylene Chloride
Concen: 52.322 ug/l
RT: 3.78 min Scan# 240
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 84 Resp: 254669
Ion Ratio Lower Upper
84 100
49 114.7 94.0 141.0
51 35.9 29.0 43.4
86 61.3 49.8 74.6





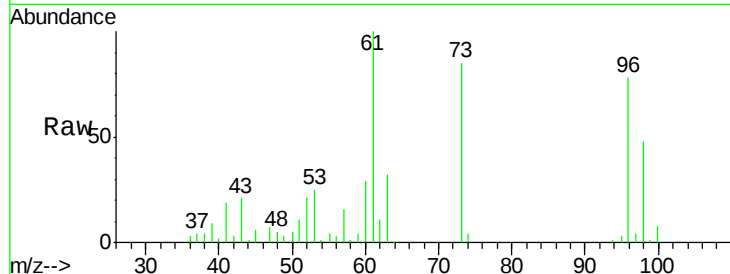
#21
trans-1,2-Dichloroethene
Concen: 47.077 ug/l
RT: 4.19 min Scan# 281
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	104.4	156.6
98	62.2	51.8	77.8

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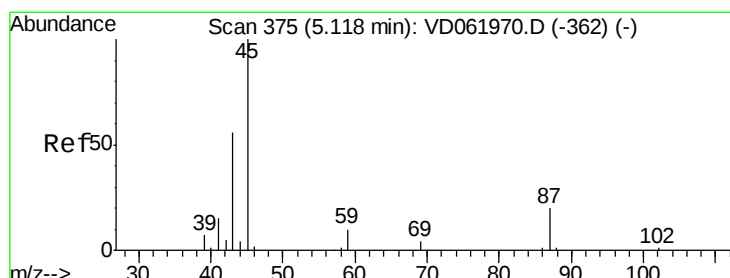
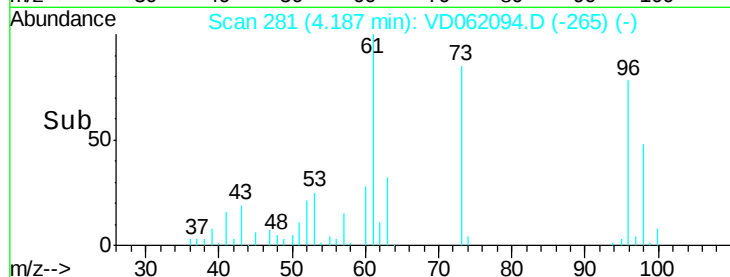
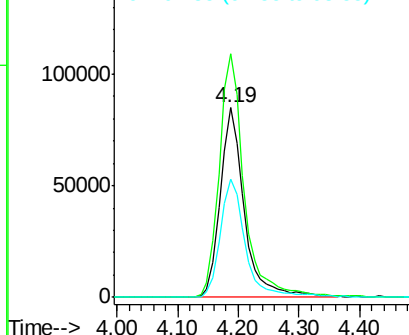


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22
Diisopropyl ether
Concen: 46.988 ug/l
RT: 5.08 min Scan# 372
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.1	46.2	69.2
87	19.7	15.9	23.9
59	9.7	7.9	11.9

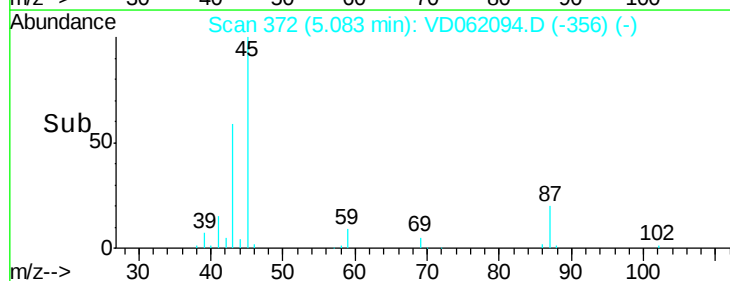
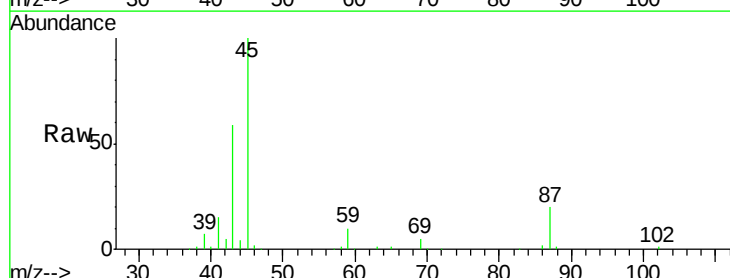
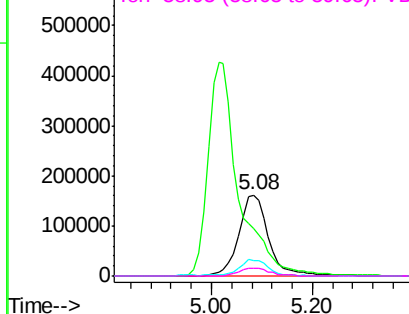
Abundance

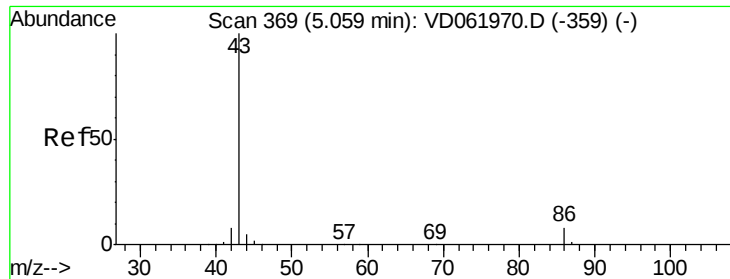
Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 248.418 ug/l

RT: 5.01 min Scan# 365

Delta R.T. -0.05 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 1803710

Ion Ratio Lower Upper

43 100

86 7.3 6.4 9.6

Instrument :

MSVOA_D

ClientSampleId :

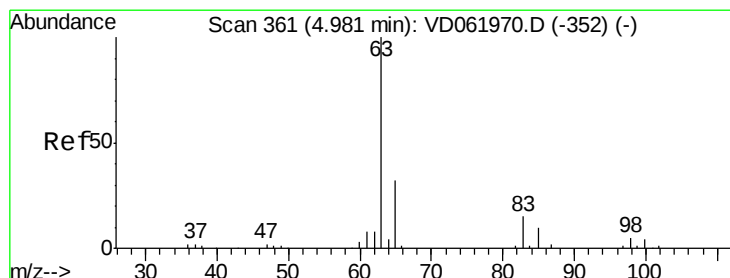
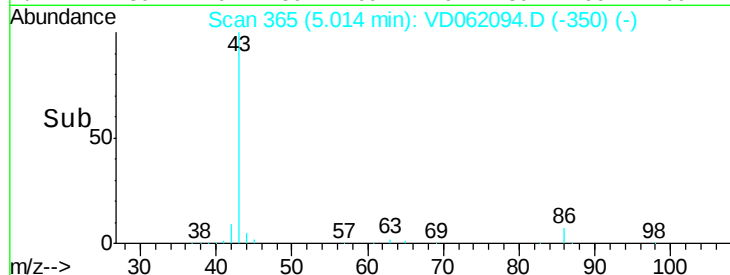
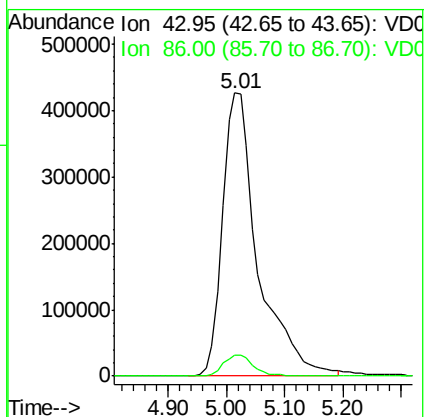
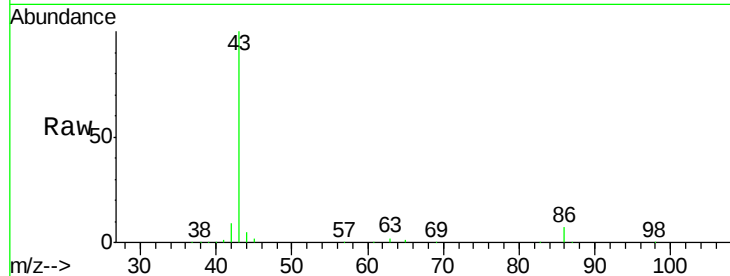
VSTDCCC050EC

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.262 ug/l

RT: 4.95 min Scan# 358

Delta R.T. -0.05 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

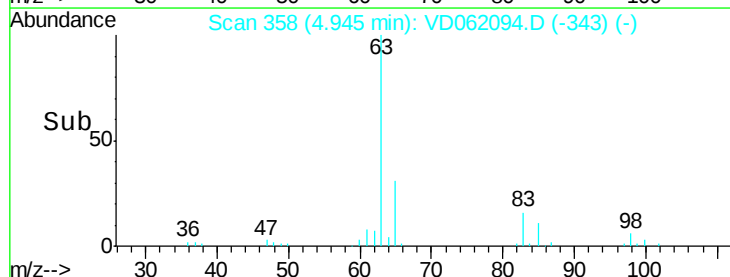
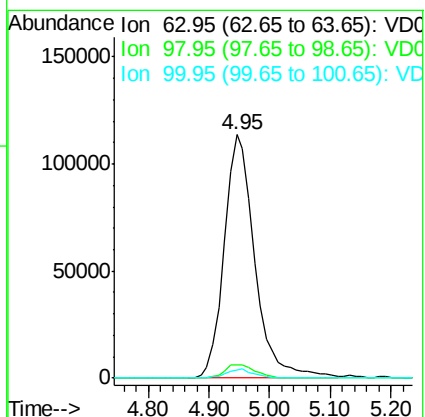
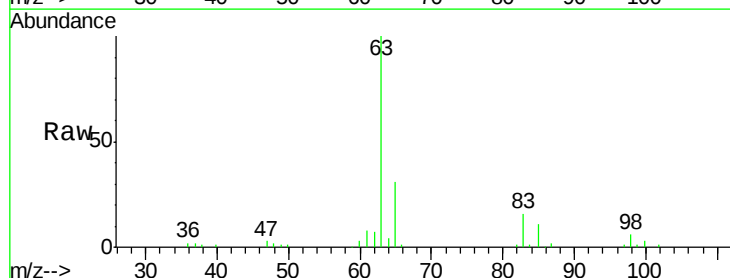
Tgt Ion: 63 Resp: 398275

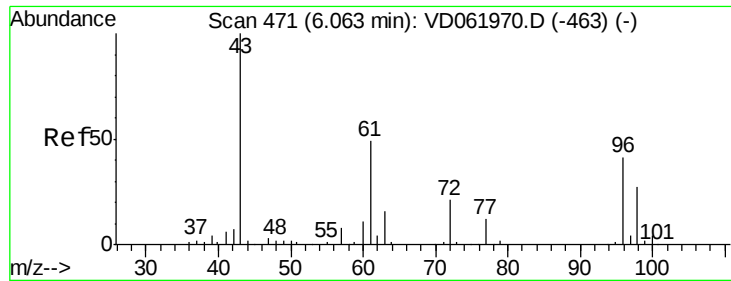
Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.4

100 3.4 1.8 5.5





#25

2-Butanone

Concen: 250.372 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.05 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 304362

Ion Ratio Lower Upper

43 100

72 20.8 16.2 24.4

Instrument :

MSVOA_D

ClientSampleId :

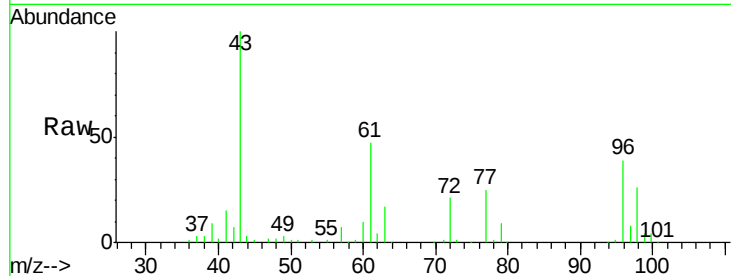
VSTDCCC050EC

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.03

120000

100000

80000

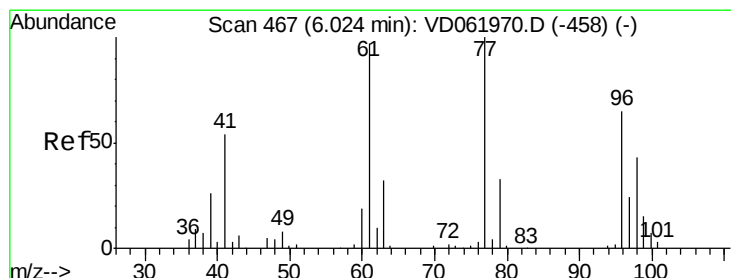
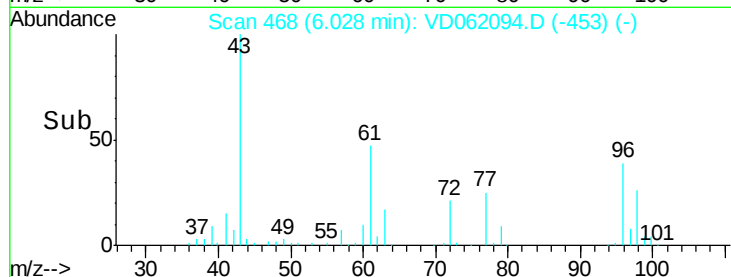
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.255 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.04 min

Lab File: VD062094.D

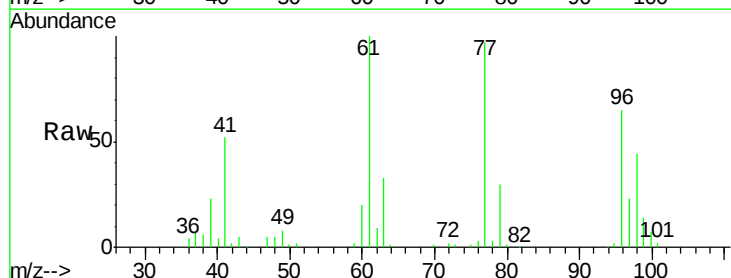
Acq: 30 Apr 2019 19:26

Tgt Ion: 77 Resp: 362104

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

5.99

120000

100000

80000

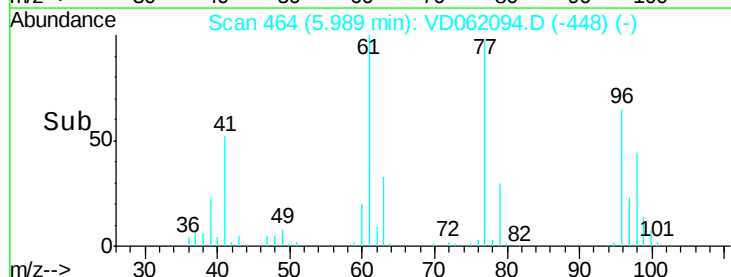
60000

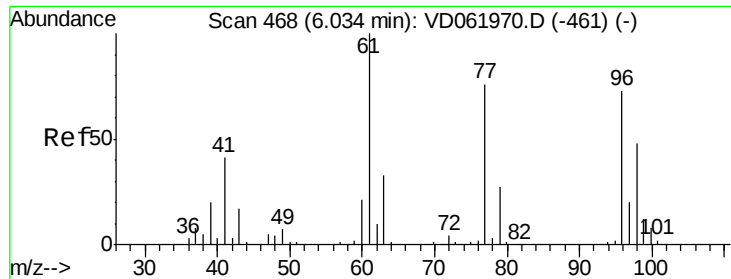
40000

20000

0

Time-->





#27

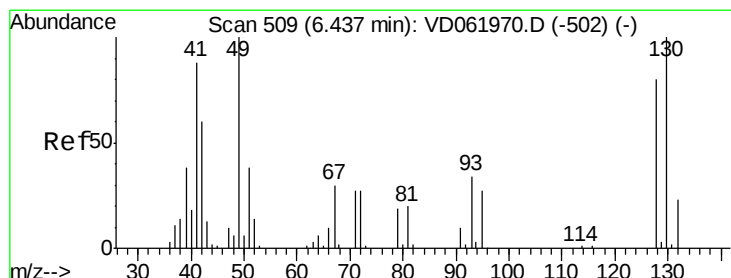
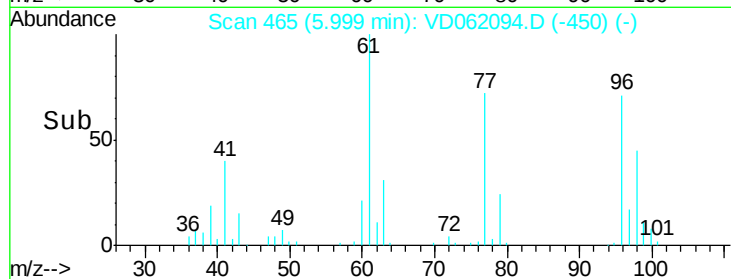
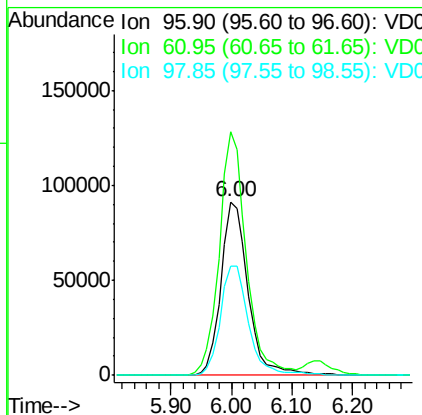
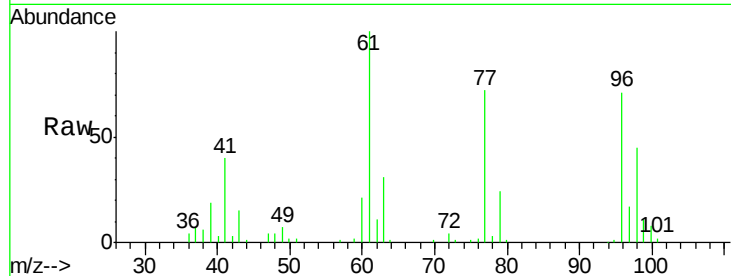
cis-1,2-Dichloroethene
Concen: 49.971 ug/l
RT: 6.00 min Scan# 465
Delta R.T. -0.05 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	285209		
61	140.6	0.0	279.8	
98	62.8	0.0	136.0	

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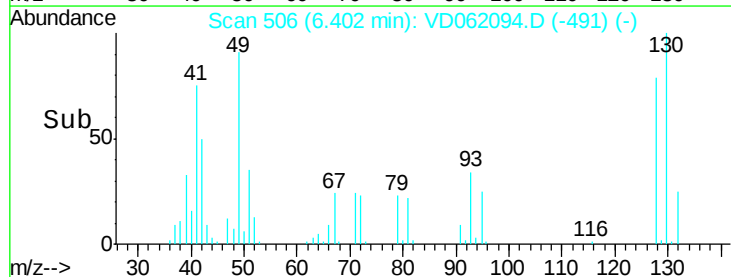
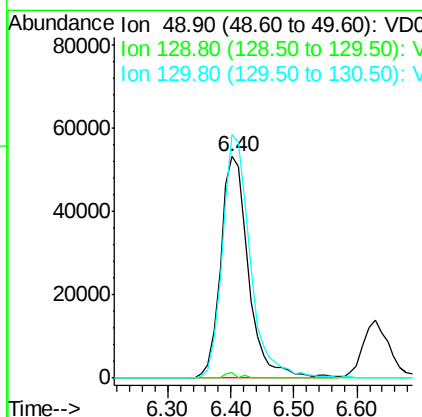
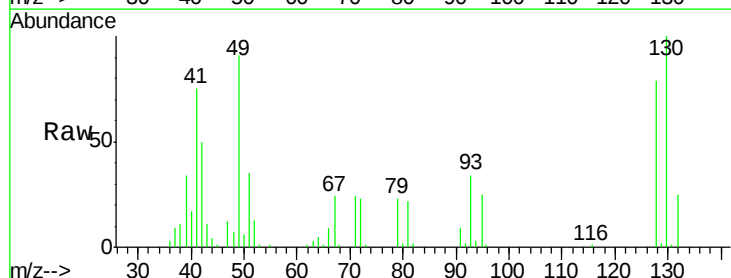
MMDadoda
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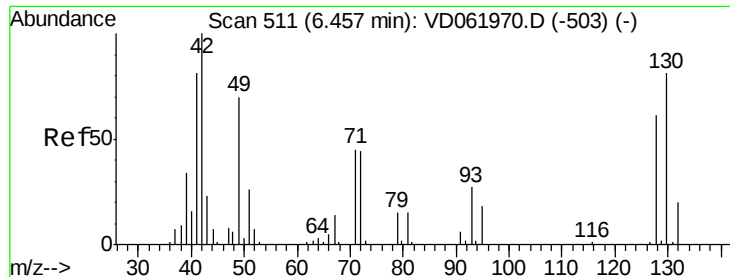


#28

Bromochloromethane
Concen: 50.554 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.05 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	163005		
129	2.6	0.0	6.6	
130	110.0	86.7	130.1	





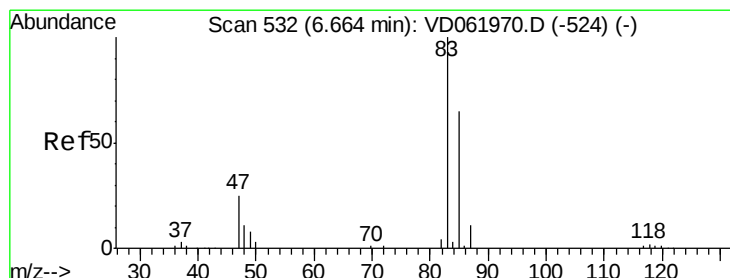
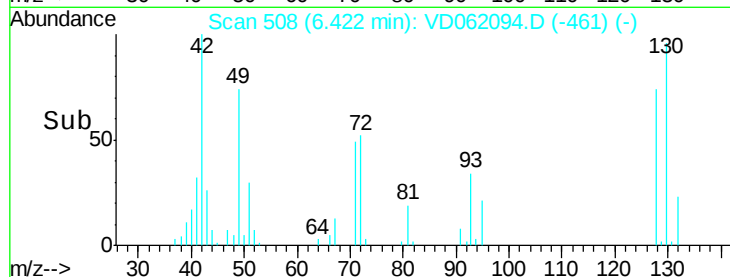
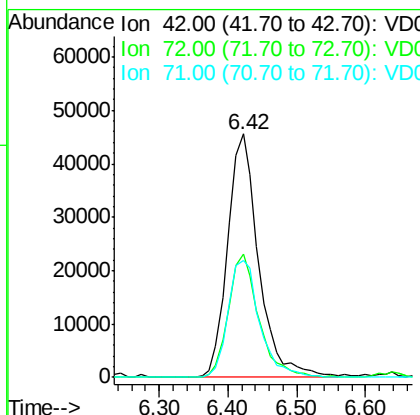
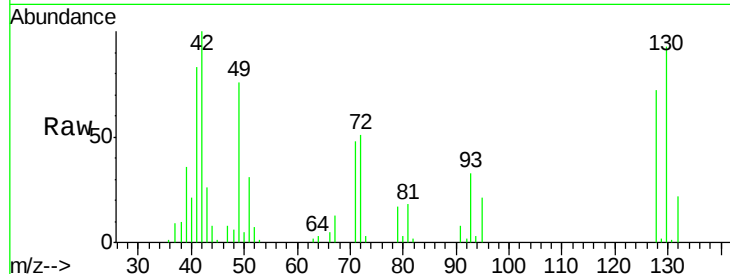
#29
Tetrahydrofuran
Concen: 237.495 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	37.8	56.6
71	48.9	36.7	55.1

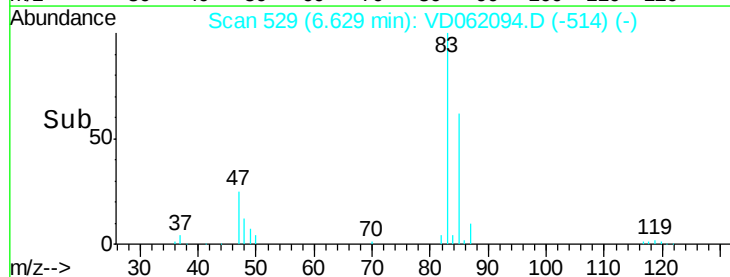
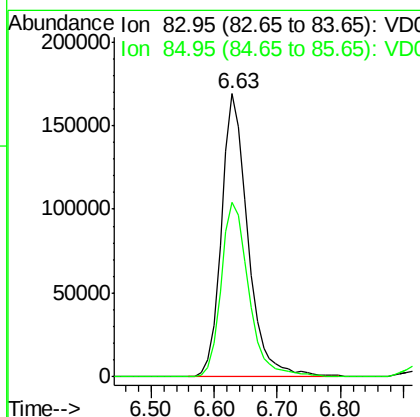
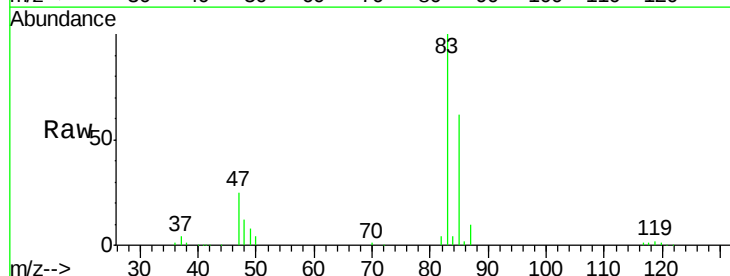
Manual Integrations
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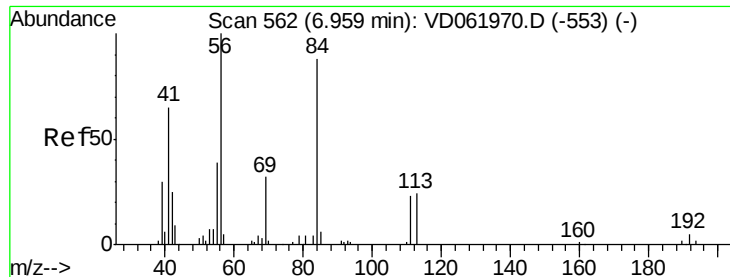
MMDadoda
5/2/2019 7:23:35 AM



#30
Chloroform
Concen: 51.506 ug/l
RT: 6.63 min Scan# 529
Delta R.T. -0.05 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.7	77.5





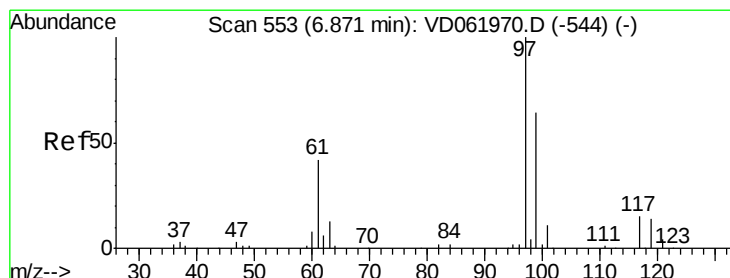
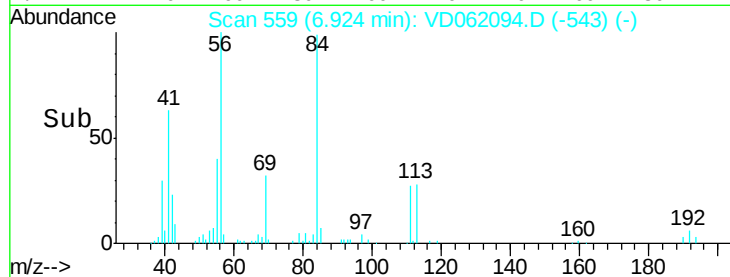
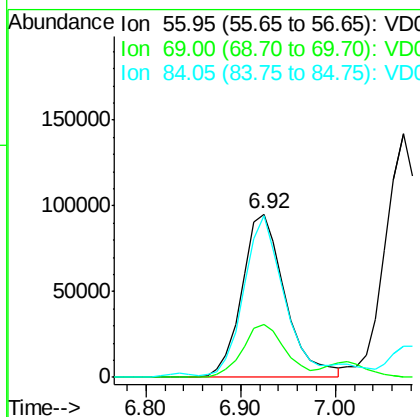
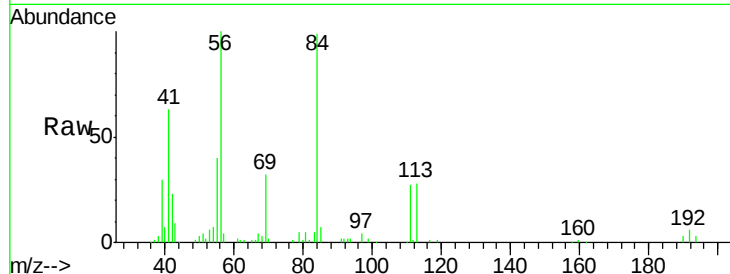
#31
Cvclohexane
Concen: 48.055 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.8	38.6
84	98.6	72.2	108.4

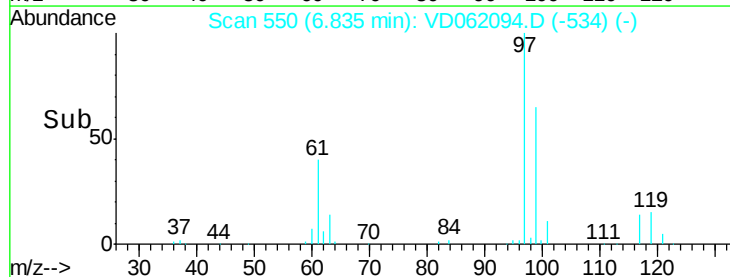
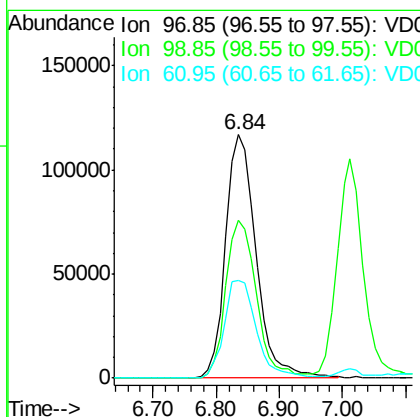
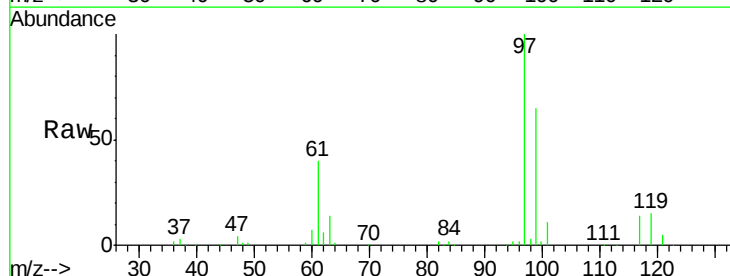
Manual Integrations
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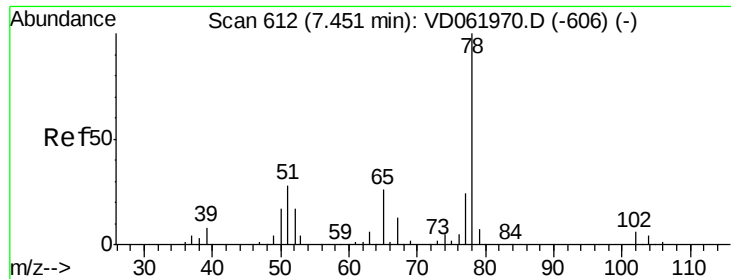
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.028 ug/l
RT: 6.84 min Scan# 550
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.2	78.2
61	40.3	32.4	48.6





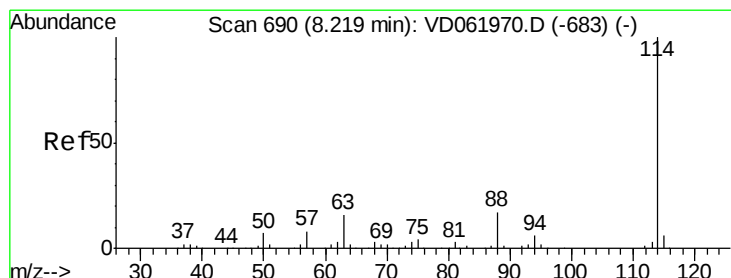
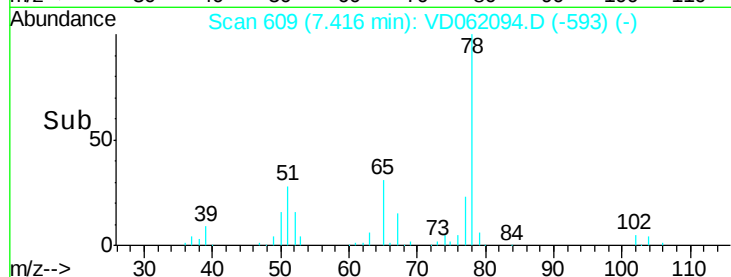
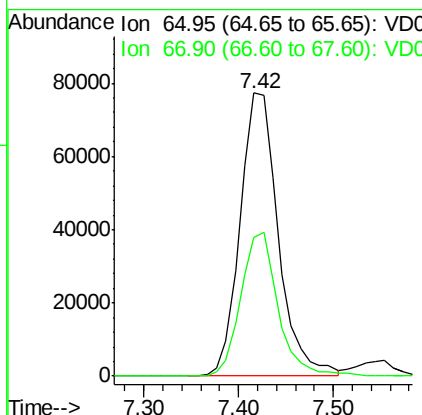
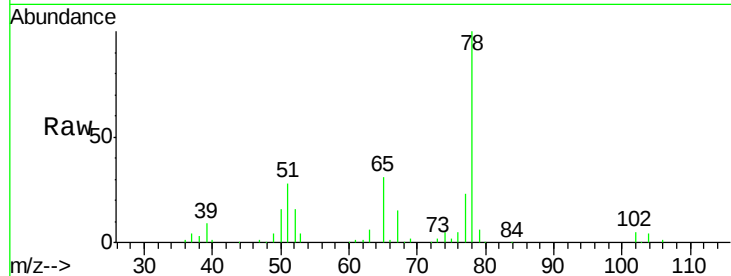
#33
 1,2-Dichloroethane-d4
 Concen: 51.737 ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 217254
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 98.0

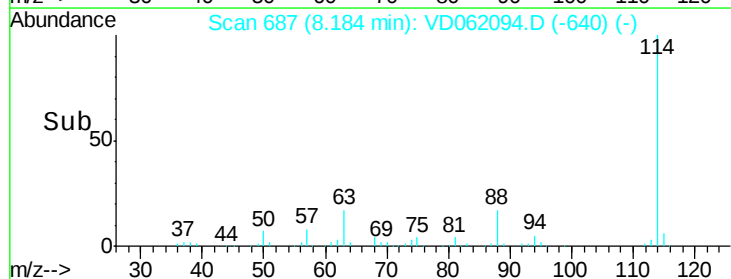
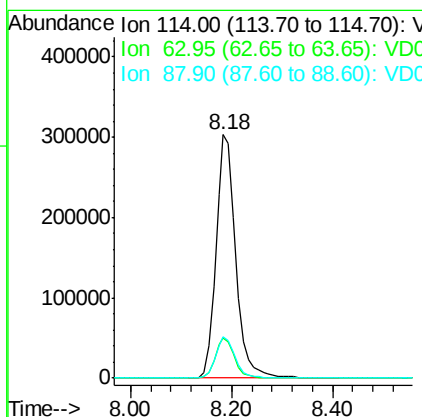
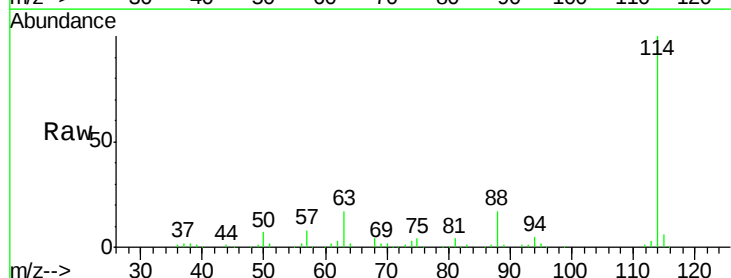
Manual Integrations
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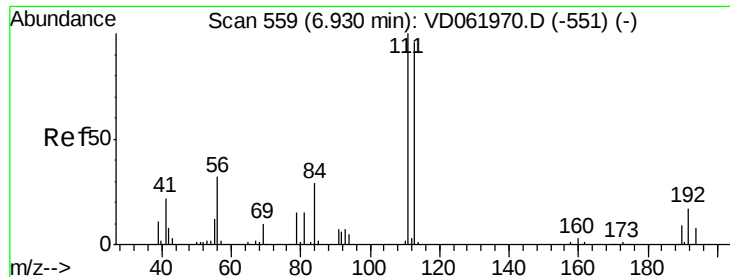
MMDadoda
 5/2/2019 7:23:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.18 min Scan# 687
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 114 Resp: 830702
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 32.4
 88 17.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.176 ug/l

RT: 6.89 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

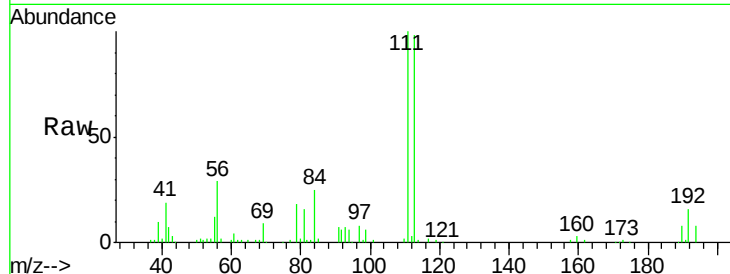
ClientSampleId :

VSTDCCC050EC

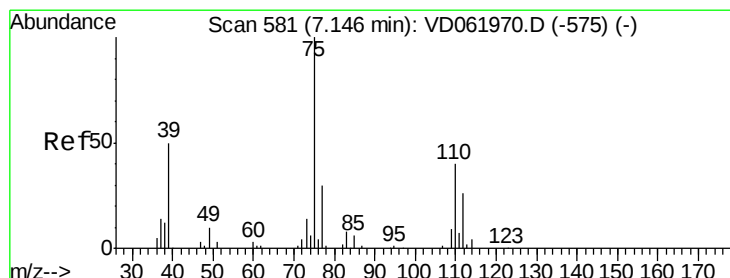
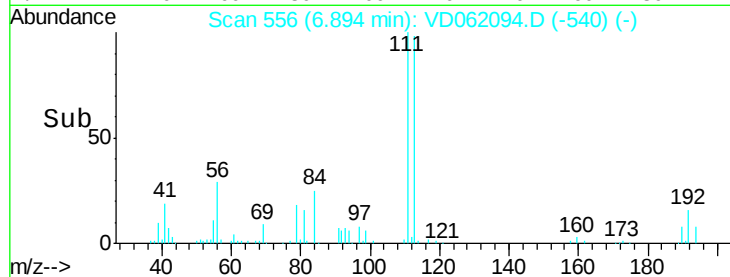
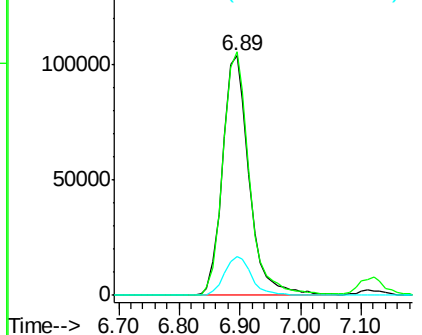
Tot Ion:	113	Resp:	316990
Ion	Ratio	Lower	Upper
113	100		
111	101.6	78.5	117.7
192	16.2	13.0	19.4

Manual Integrations
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Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 50.566 ug/l

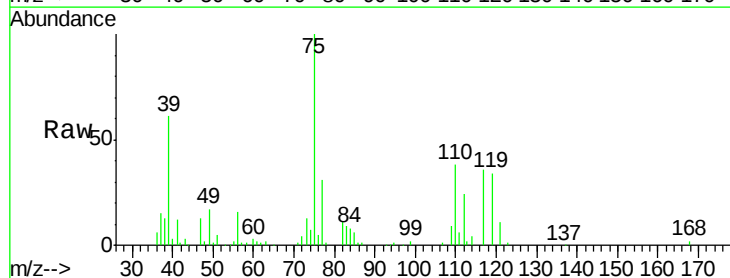
RT: 7.11 min Scan# 578

Delta R.T. -0.04 min

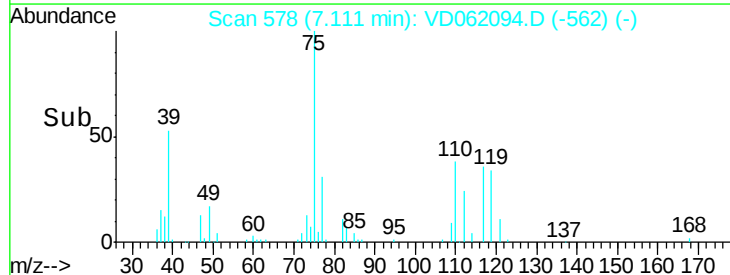
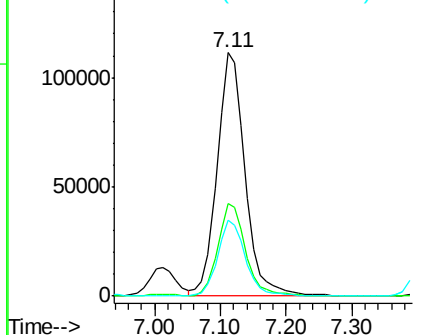
Lab File: VD062094.D

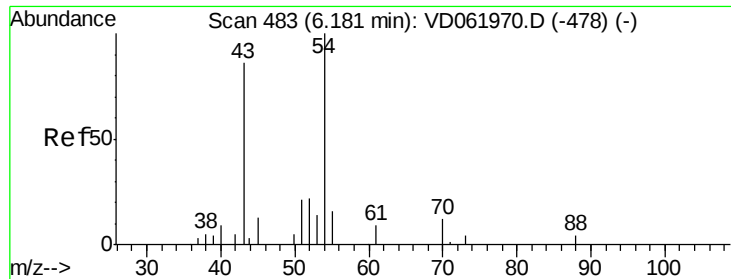
Acq: 30 Apr 2019 19:26

Tgt Ion:	75	Resp:	327266
Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.1	57.1
77	30.9	25.6	38.4



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





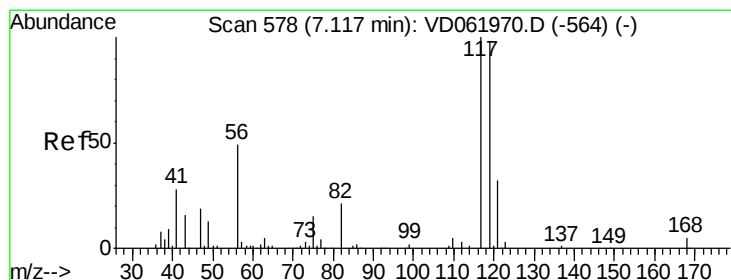
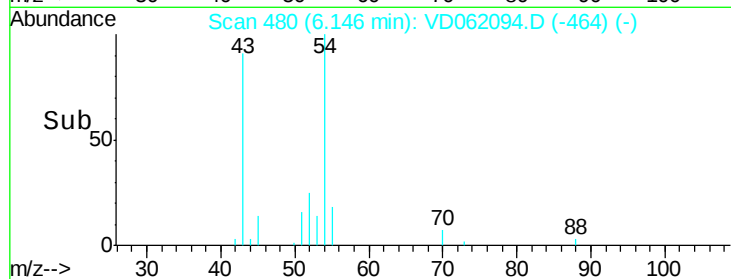
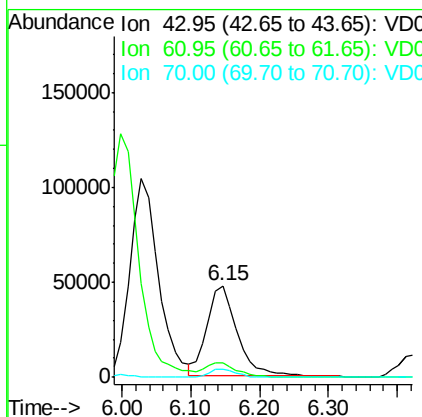
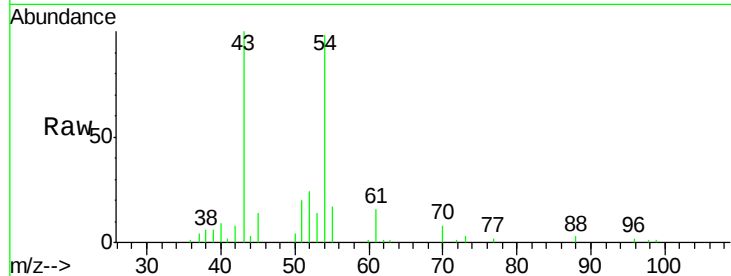
#37
Ethyl Acetate
Concen: 53.087 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	14.7	22.1
70	8.5	7.8	11.6

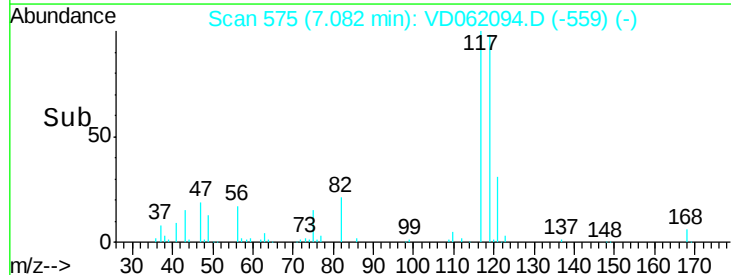
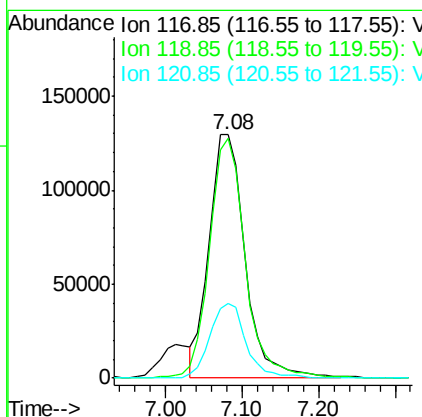
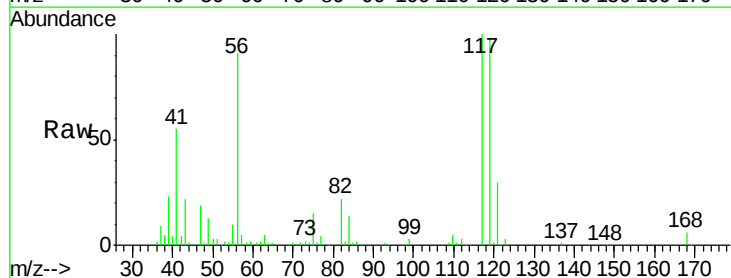
Manual Integrations
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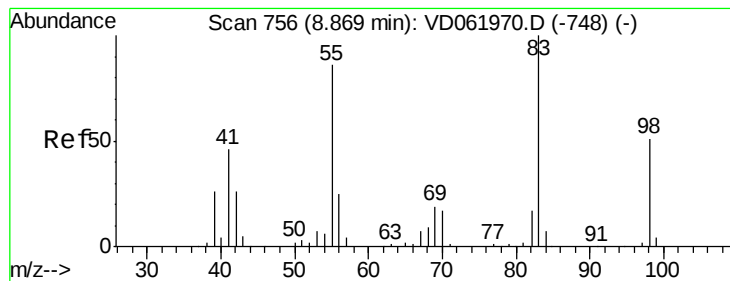
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.607 ug/l m
RT: 7.08 min Scan# 575
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
121	30.4	25.9	38.9





#39

Methvlcvclohexane

Concen: 49.609 ug/l

RT: 8.83 min Scan# 753

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 316776

Ion Ratio Lower Upper

83 100

55 83.4 68.2 102.4

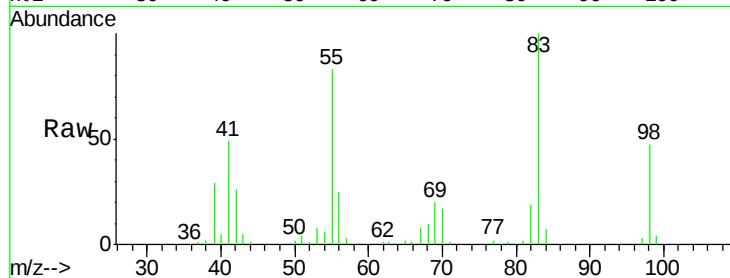
98 47.2 38.2 57.4

Manual Integrations

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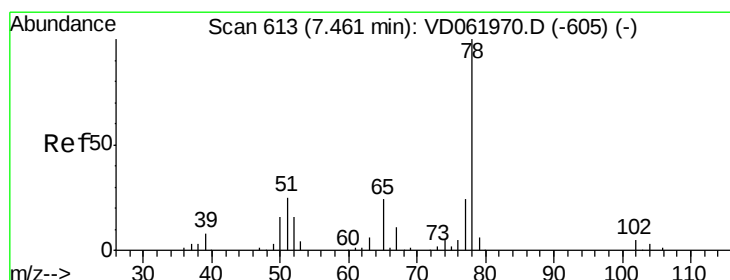
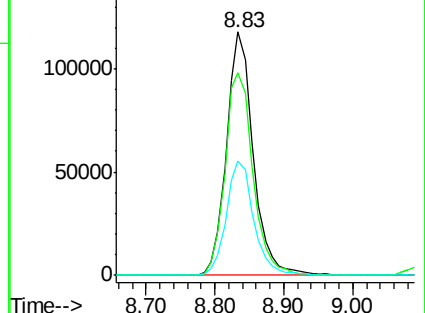
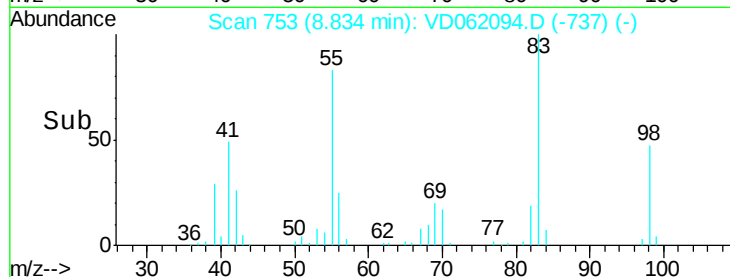
5/2/2019 7:23:35 AM



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 48.309 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.04 min

Lab File: VD062094.D

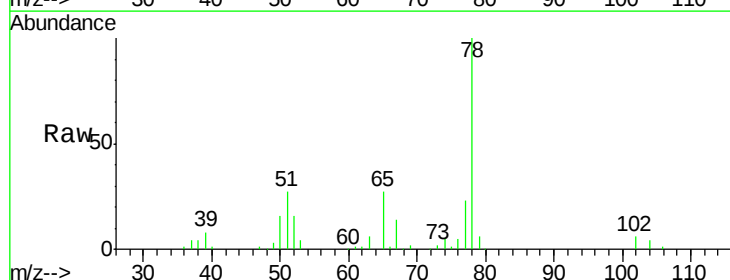
Acq: 30 Apr 2019 19:26

Tgt Ion: 78 Resp: 774039

Ion Ratio Lower Upper

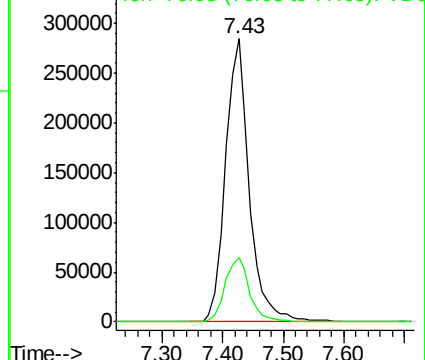
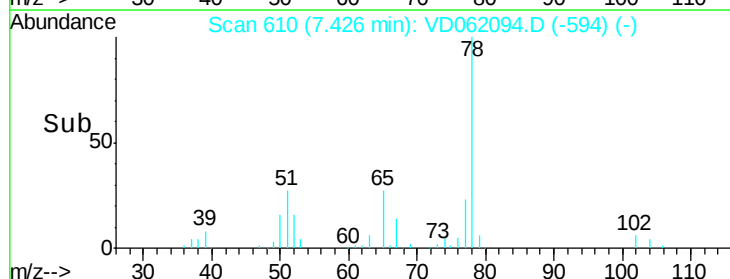
78 100

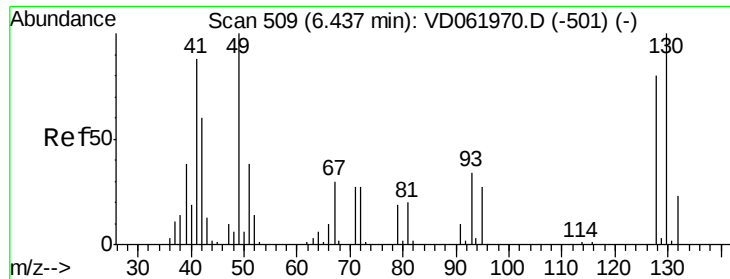
77 22.7 19.7 29.5



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





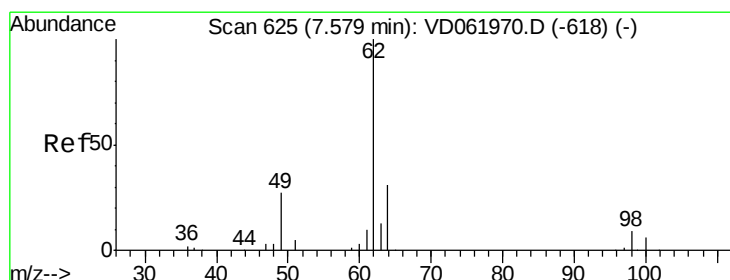
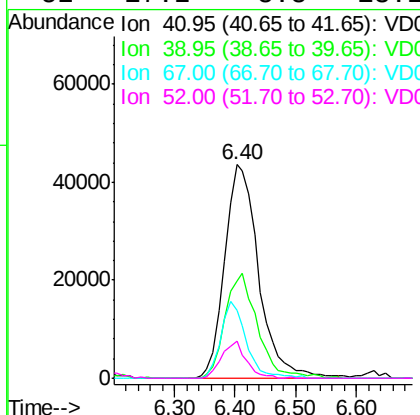
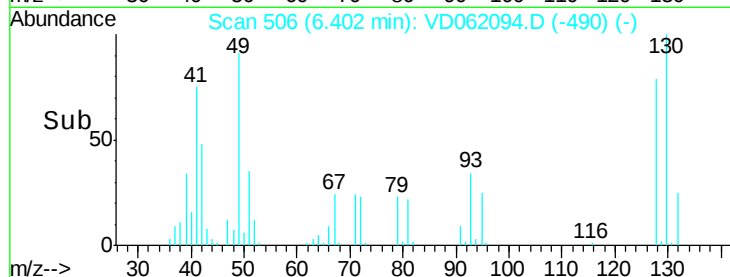
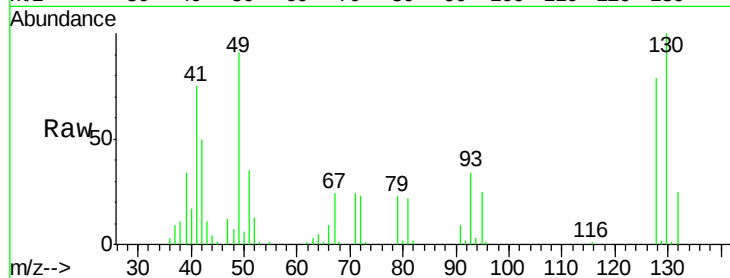
#41
Methacrylonitrile
Concen: 52.624 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	45.5	34.1	51.1
67	32.0	23.8	35.6
52	17.2	8.8	13.2

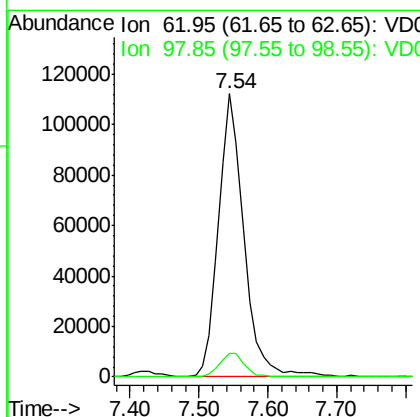
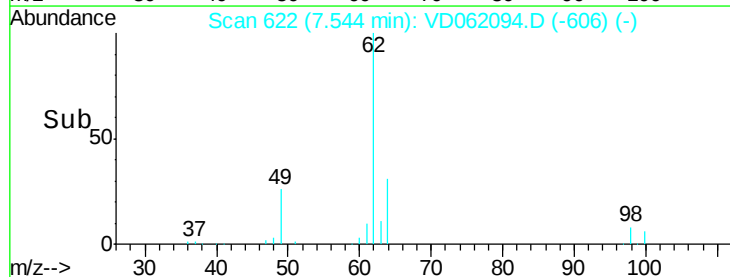
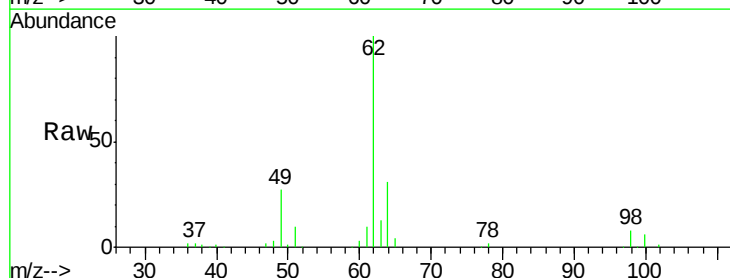
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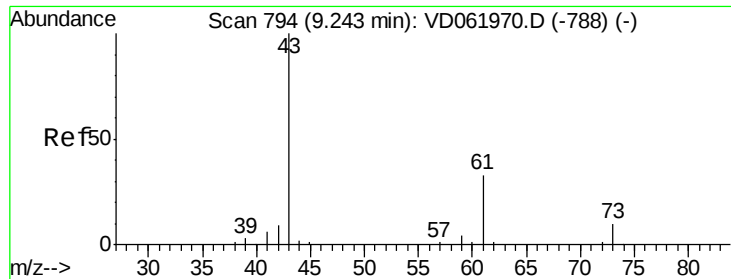
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.897 ug/l
RT: 7.54 min Scan# 622
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 51.509 ug/l

RT: 9.21 min Scan# 791

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

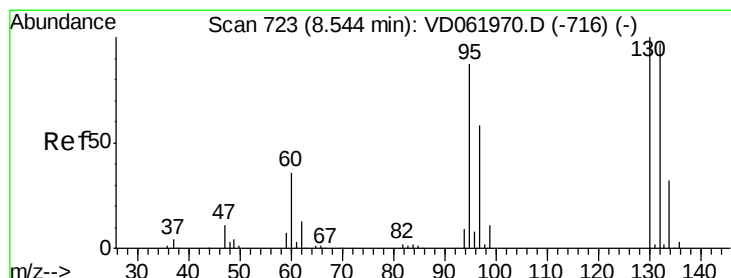
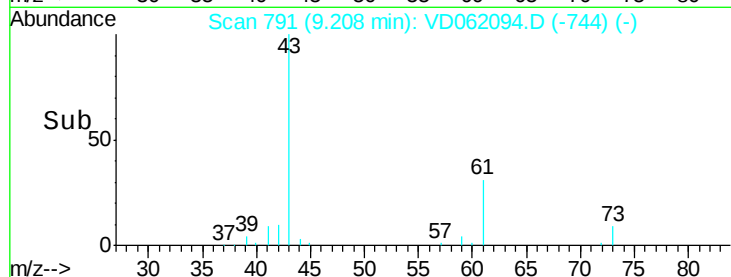
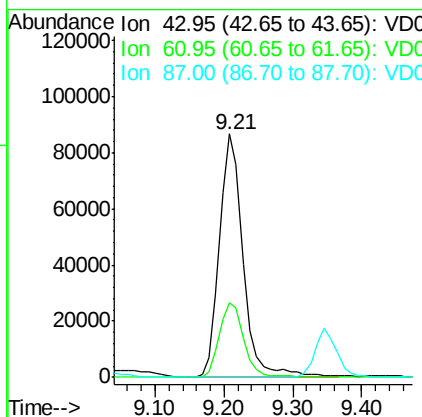
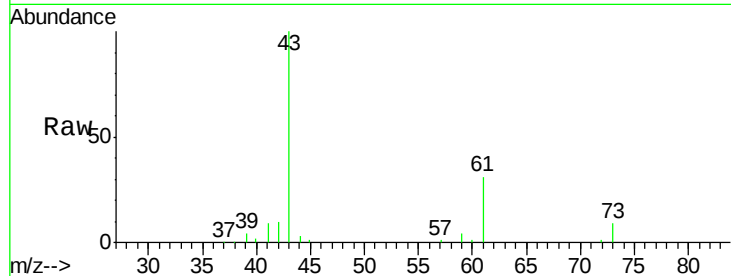
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	207570
Ion	Ratio	Lower	Upper
43	100		
61	30.9	25.1	37.7
87	0.0	0.0	0.0

Manual Integrations
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#44

Trichloroethene

Concen: 51.696 ug/l

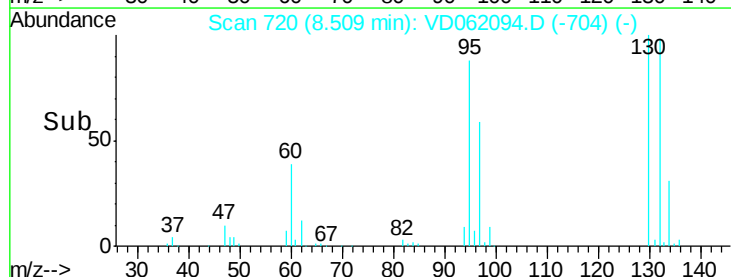
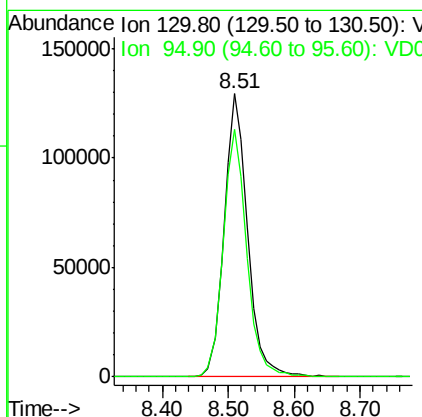
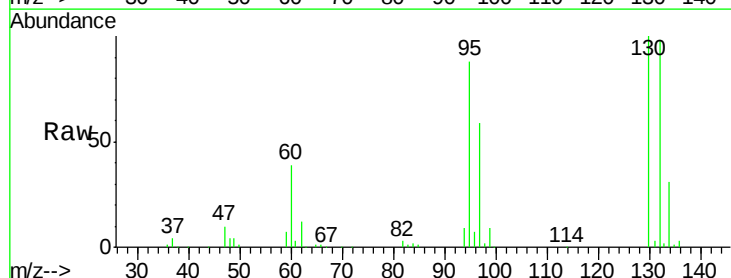
RT: 8.51 min Scan# 720

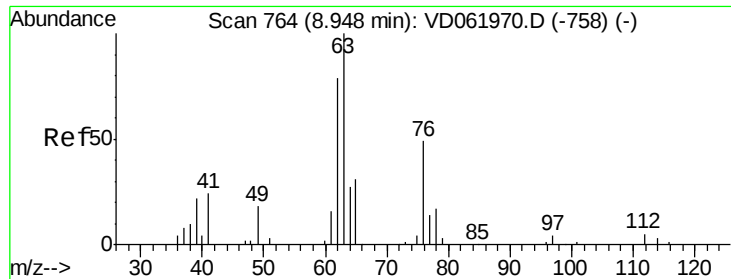
Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion:	130	Resp:	321121
Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	174.0





#45

1,2-Dichloropropane

Concen: 52.553 ug/l

RT: 8.91 min Scan# 761

Delta R.T. -0.03 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 213617

Ion Ratio Lower Upper

63 100

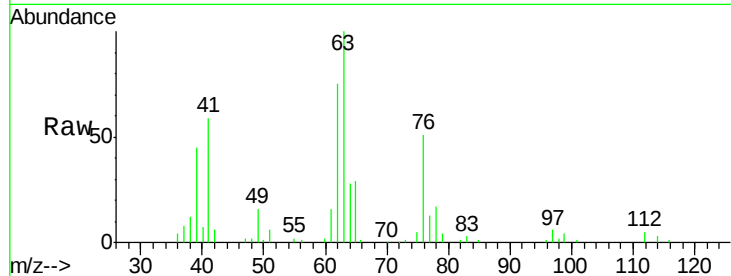
65 29.4 23.8 35.6

Manual Integrations

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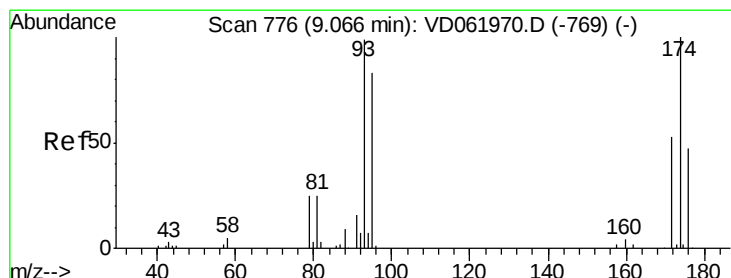
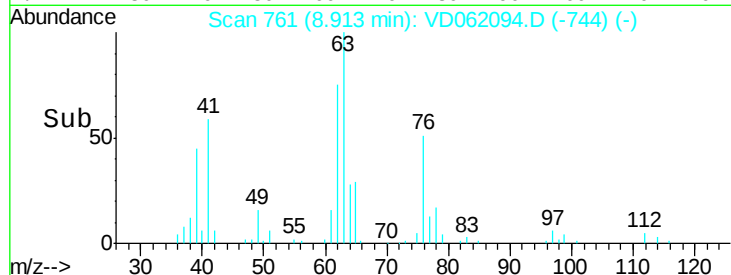
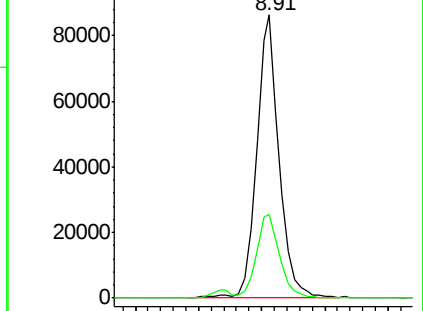
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Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 51.309 ug/l

RT: 9.03 min Scan# 773

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

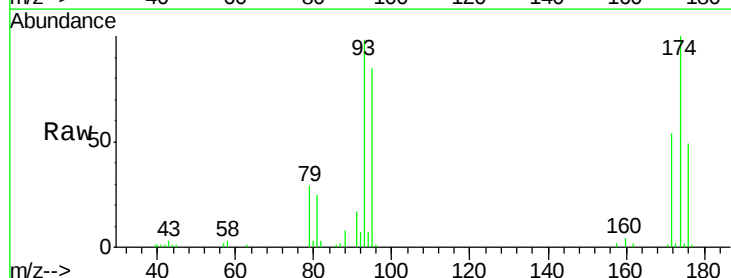
Tgt Ion: 93 Resp: 150070

Ion Ratio Lower Upper

93 100

95 86.4 64.8 97.2

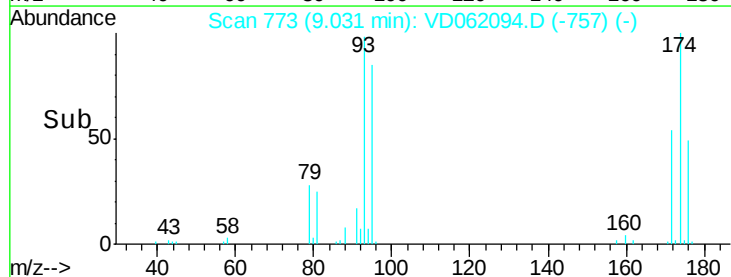
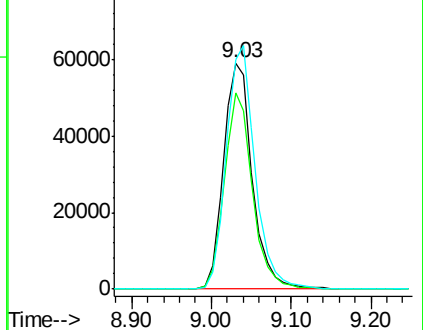
174 101.7 79.3 118.9

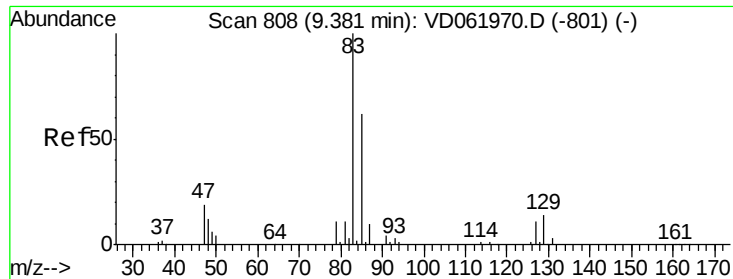


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 52.750 ug/l

RT: 9.35 min Scan# 805

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

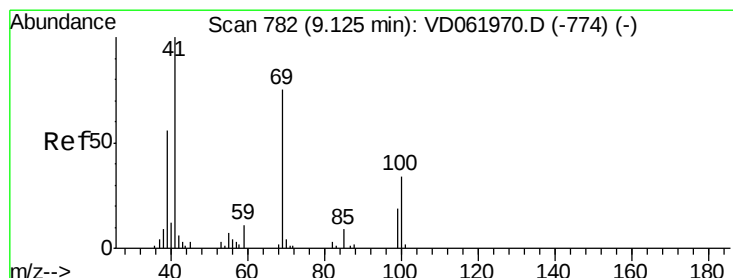
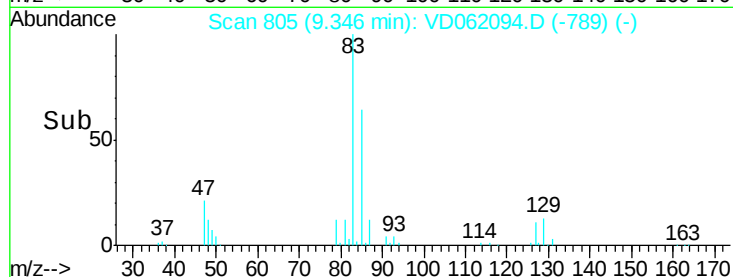
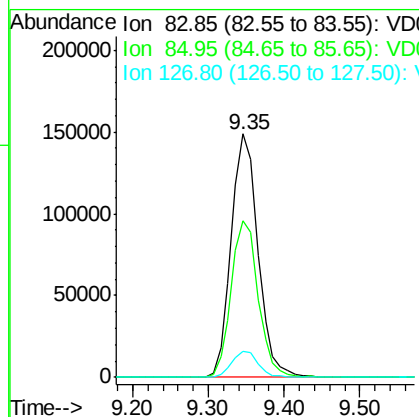
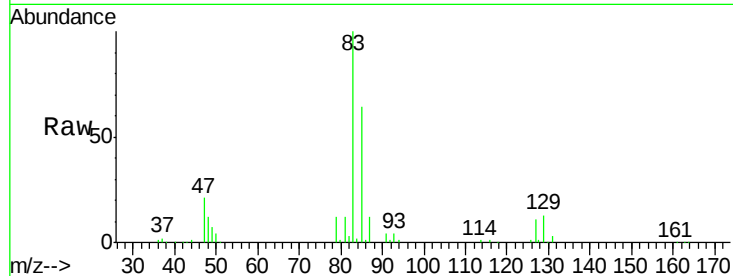
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	364553
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.9	76.3
127	10.8	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.600 ug/l

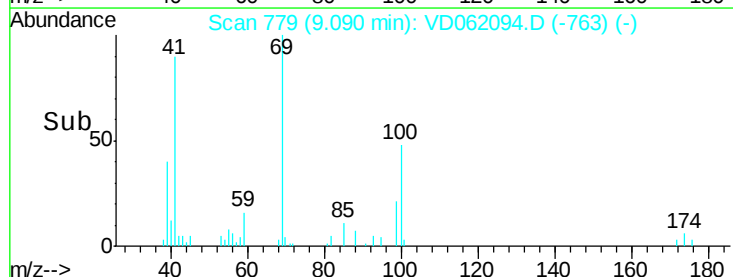
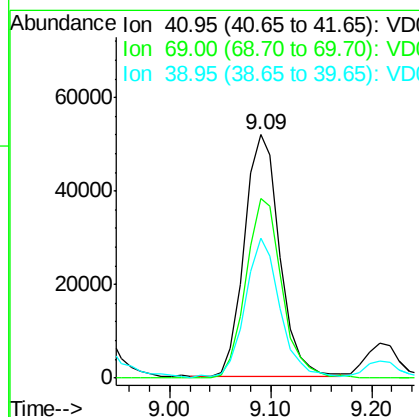
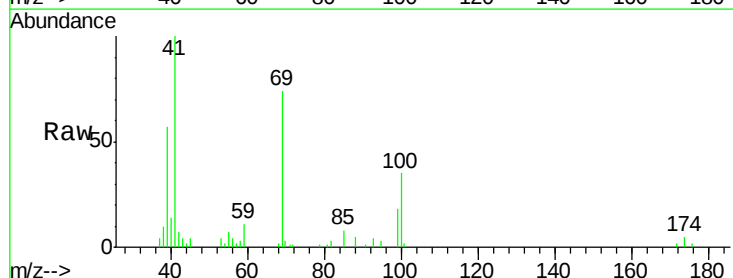
RT: 9.09 min Scan# 779

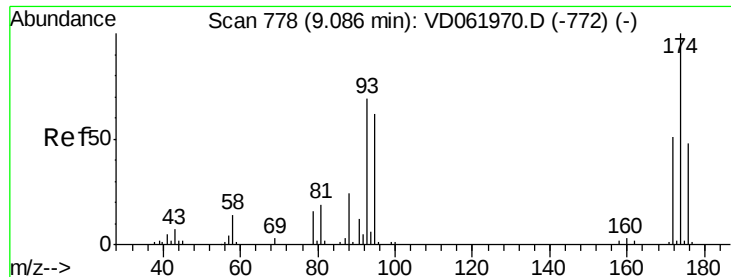
Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion:	41	Resp:	125537
Ion Ratio	Lower	Upper	
41	100		
69	73.9	64.2	96.2
39	57.3	46.8	70.2





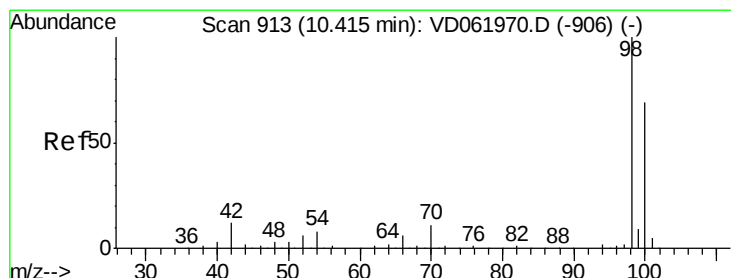
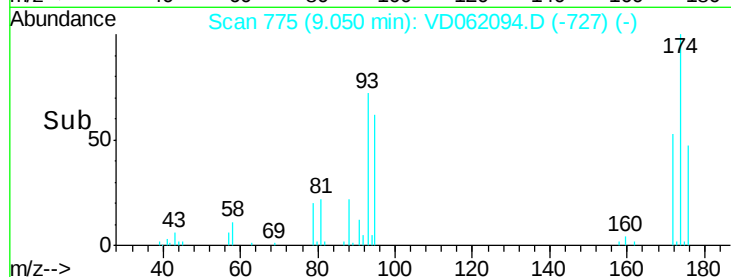
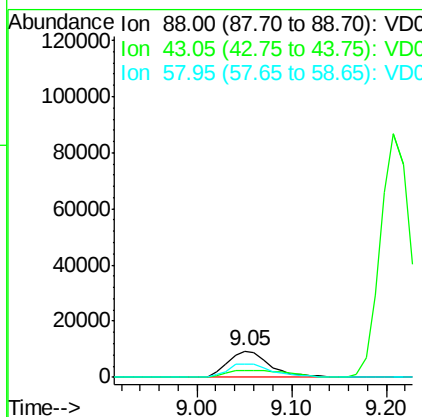
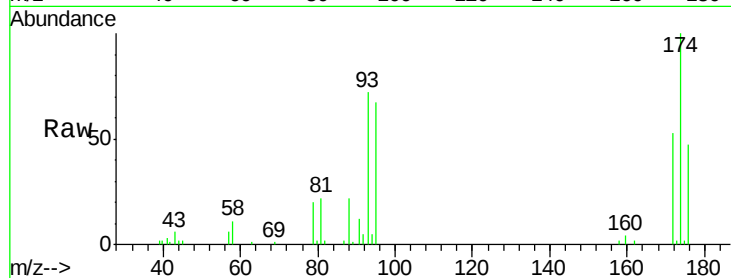
#49
1,4-Dioxane
Concen: 1148.726 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.4	35.0
58	50.2	44.0	66.0

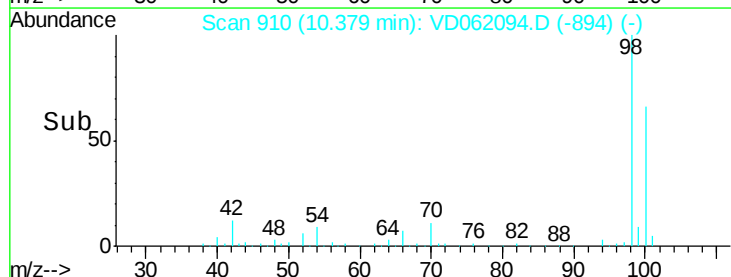
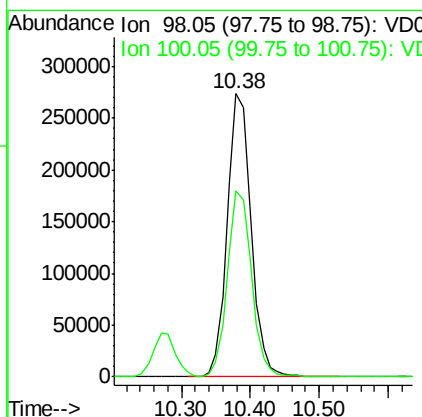
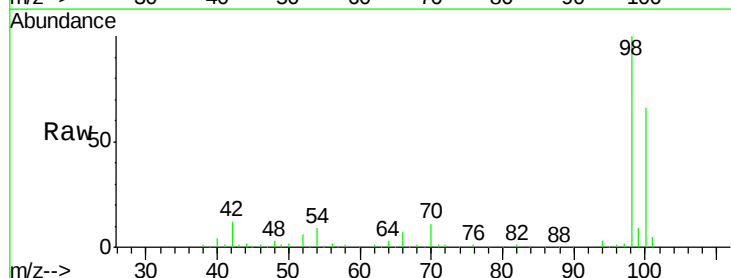
Manual Integrations
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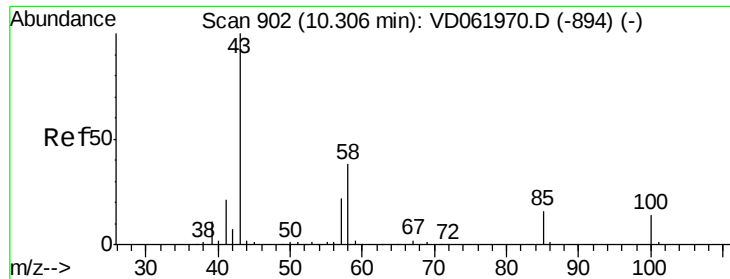
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#50
Toluene-d8
Concen: 48.192 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.8	80.8





#51

4-Methyl-2-Pentanone

Concen: 294.231 ug/l

RT: 10.27 min Scan# 899

Delta R.T. -0.03 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 725117

Ion Ratio Lower Upper

43 100

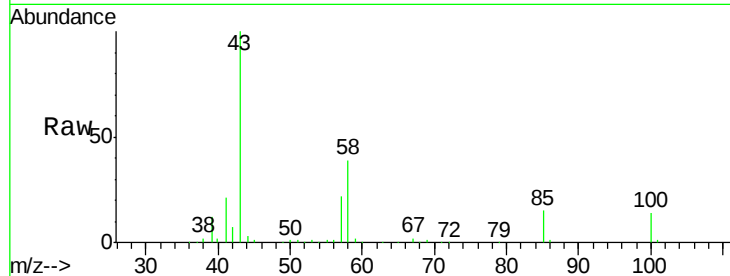
58 38.8 30.4 45.6

Manual Integrations

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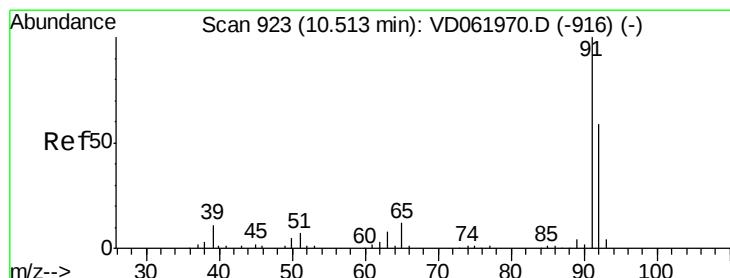
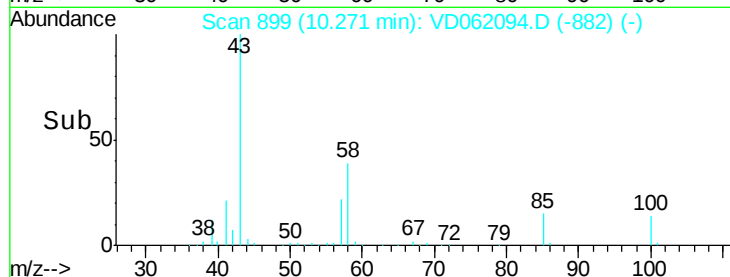
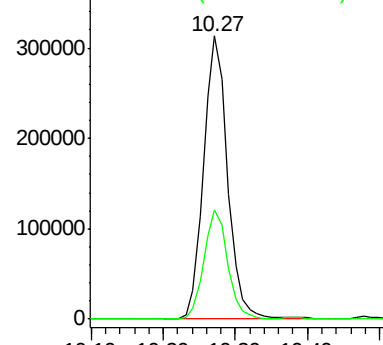
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 49.810 ug/l

RT: 10.48 min Scan# 920

Delta R.T. -0.04 min

Lab File: VD062094.D

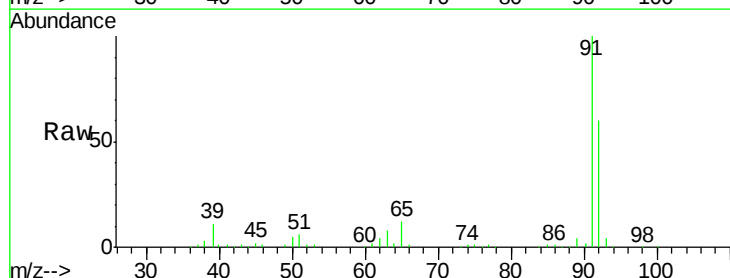
Acq: 30 Apr 2019 19:26

Tgt Ion: 92 Resp: 508877

Ion Ratio Lower Upper

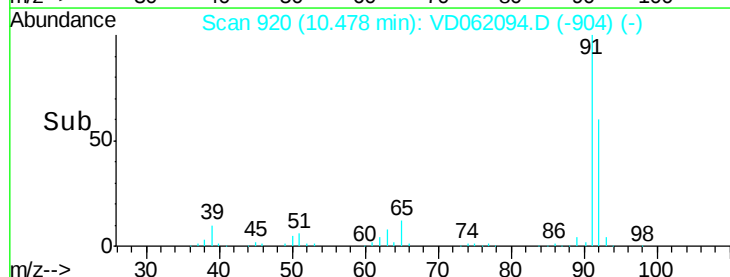
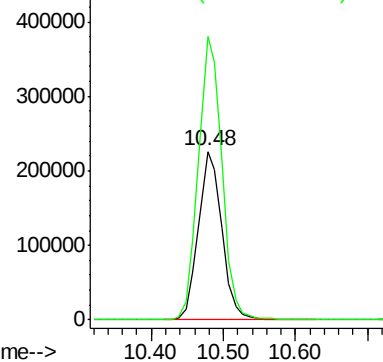
92 100

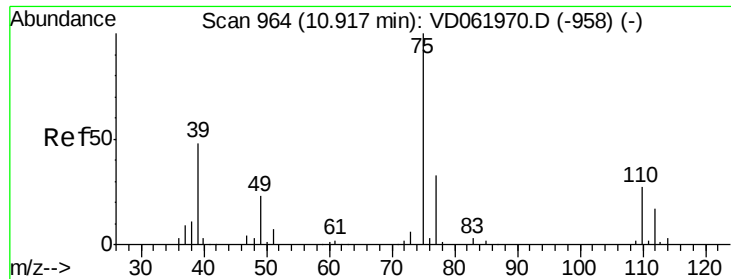
91 167.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





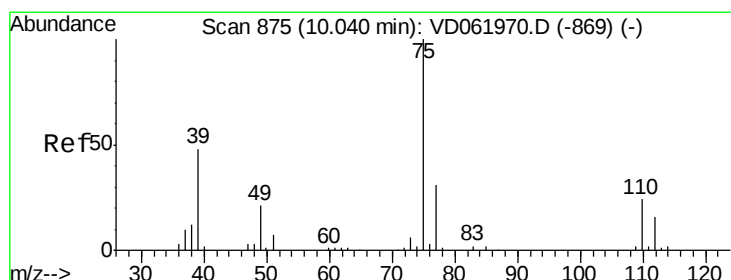
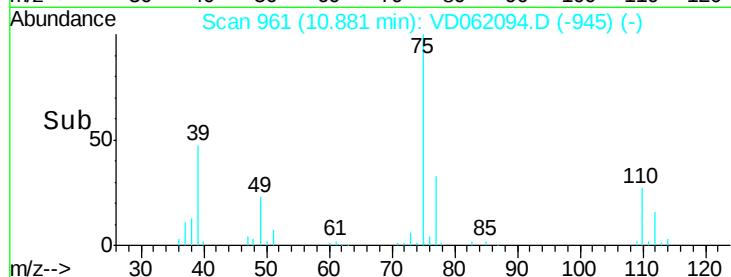
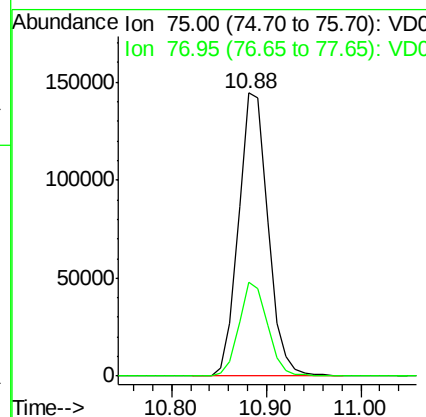
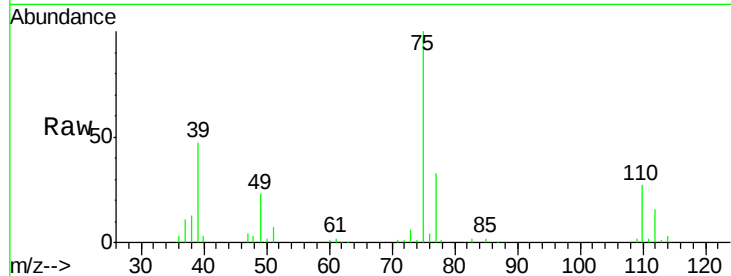
#53
t-1,3-Dichloropropene
Concen: 53.701 ug/l
RT: 10.88 min Scan# 961
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.8	38.8

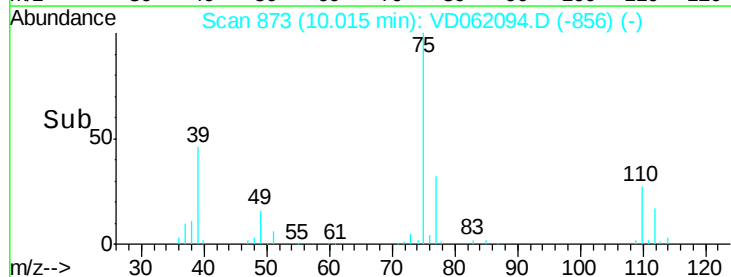
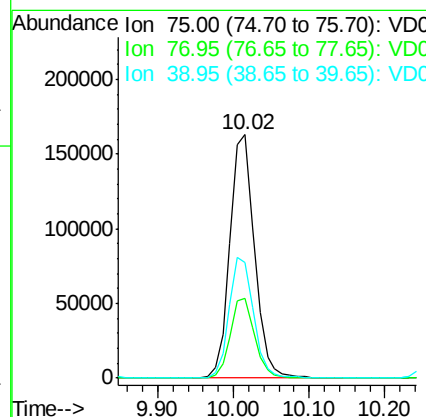
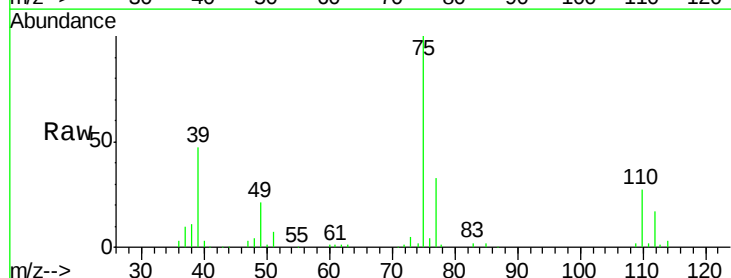
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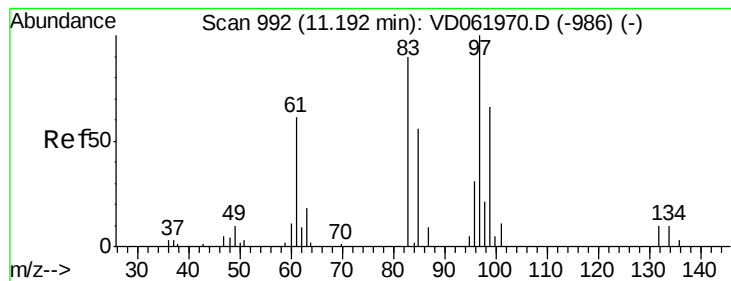
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#54
cis-1,3-Dichloropropene
Concen: 51.878 ug/l
RT: 10.02 min Scan# 873
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3
39	47.4	39.4	59.2





#55

1,1,2-Trichloroethane

Concen: 51.159 ug/l

RT: 11.17 min Scan# 990

Delta R.T. -0.03 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 175467

Ion Ratio Lower Upper

97 100

83 80.7 65.7 98.5

85 54.0 45.6 68.4

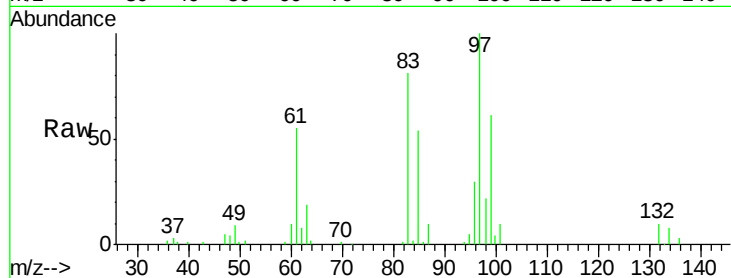
99 61.3 48.4 72.6

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Abundance

Ion 96.85 (96.55 to 97.55): VDC

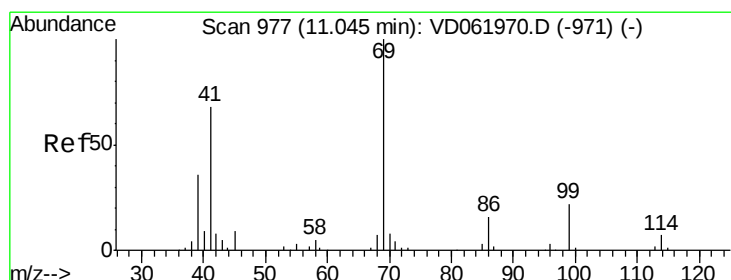
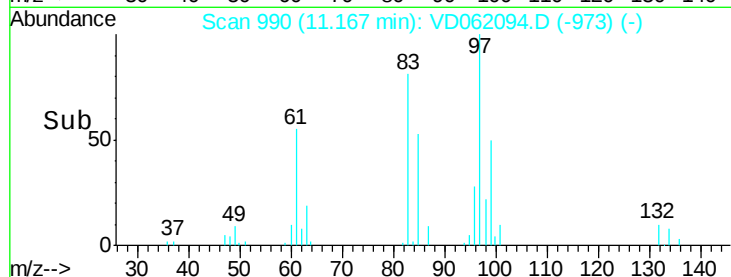
Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

11.17

Time-->



#56

Ethyl methacrylate

Concen: 49.105 ug/l

RT: 11.02 min Scan# 975

Delta R.T. -0.03 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

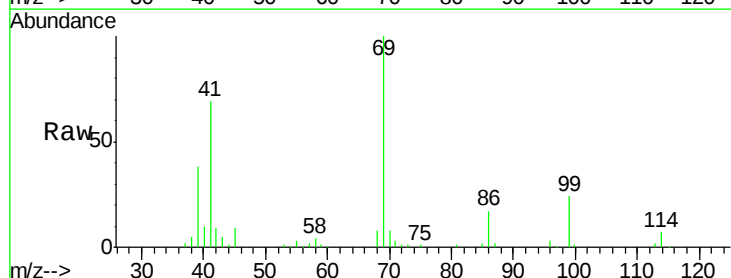
Tgt Ion: 69 Resp: 186532

Ion Ratio Lower Upper

69 100

41 69.2 56.3 84.5

39 37.8 29.4 44.2



Abundance

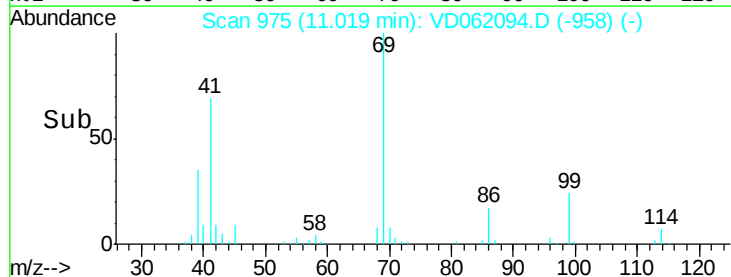
Ion 69.00 (68.70 to 69.70): VDC

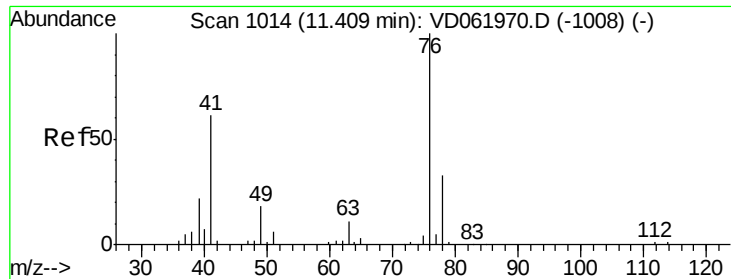
Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

11.02

Time-->





#57

1,3-Dichloropropane

Concen: 51.521 ug/l

RT: 11.38 min Scan# 1012

Delta R.T. -0.03 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 272920

Ion Ratio Lower Upper

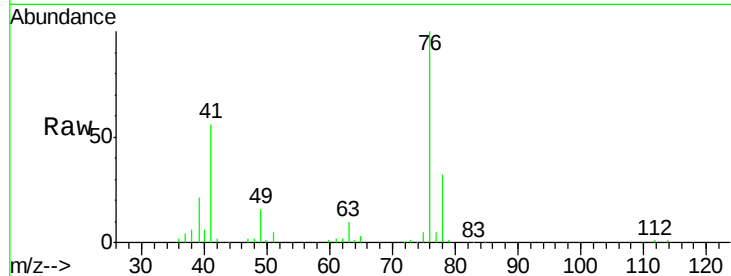
76 100

78 32.0 26.2 39.2

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Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.38

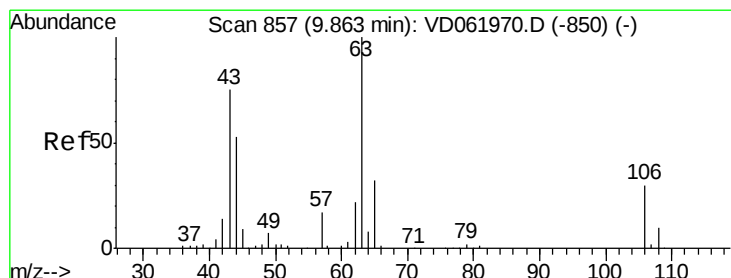
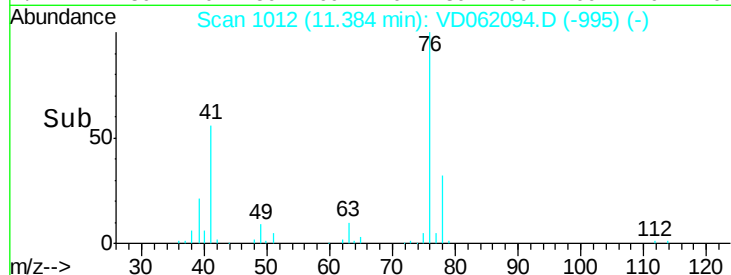
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.351 ug/l

RT: 9.83 min Scan# 854

Delta R.T. -0.04 min

Lab File: VD062094.D

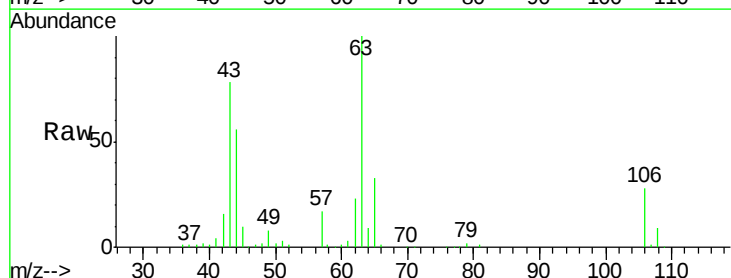
Acq: 30 Apr 2019 19:26

Tgt Ion: 63 Resp: 459807

Ion Ratio Lower Upper

63 100

106 27.8 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.83

200000

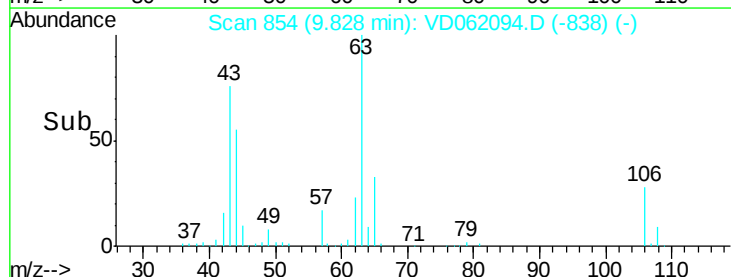
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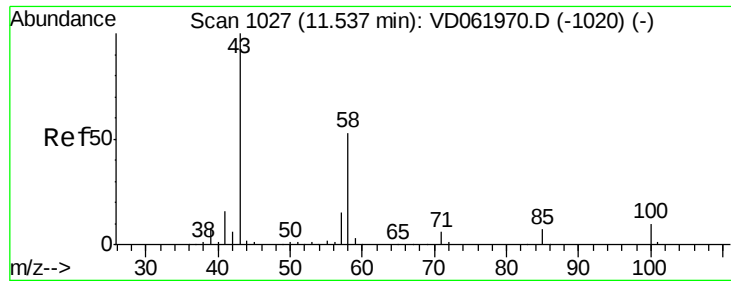
100000

50000

0

Time-->





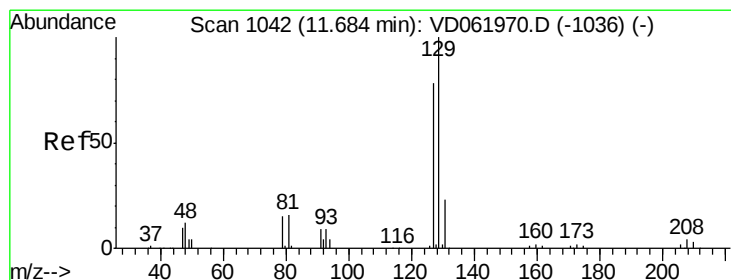
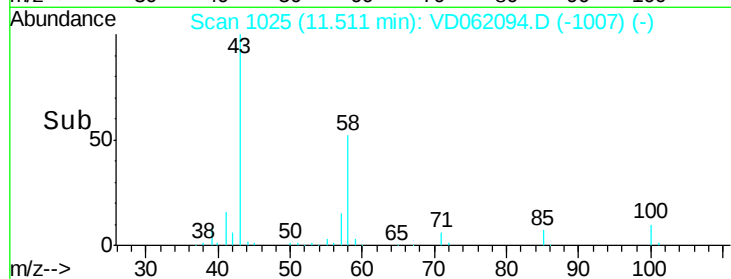
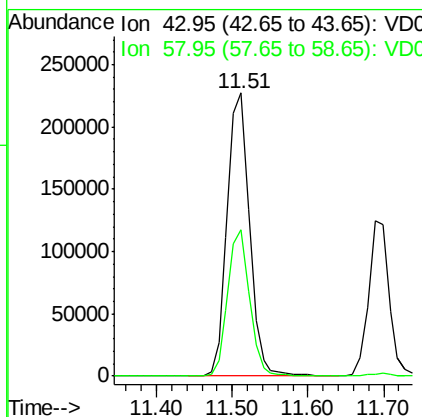
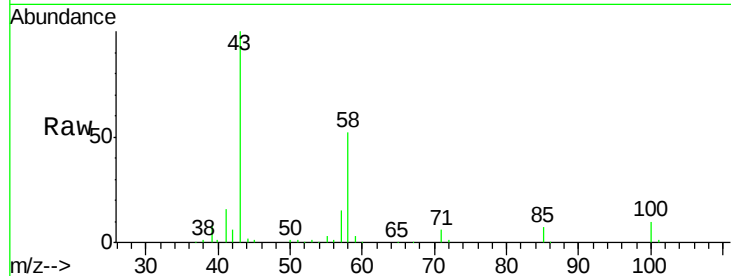
#59
2-Hexanone
Concen: 251.742 ug/l
RT: 11.51 min Scan# 1025
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	25.4	76.4

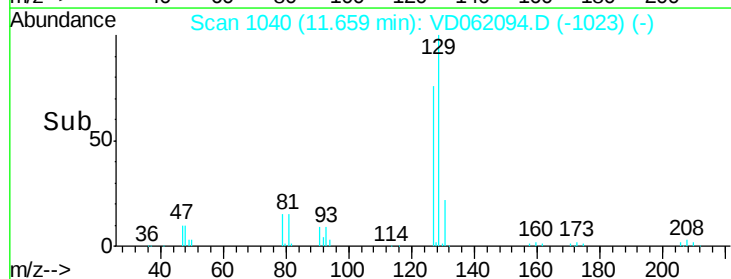
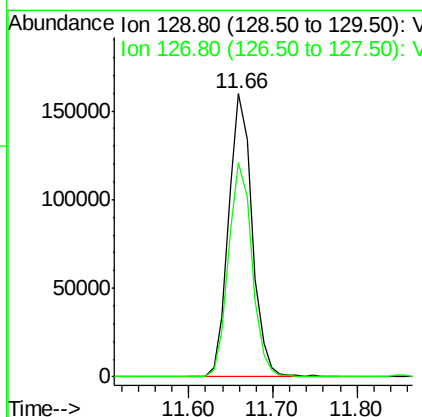
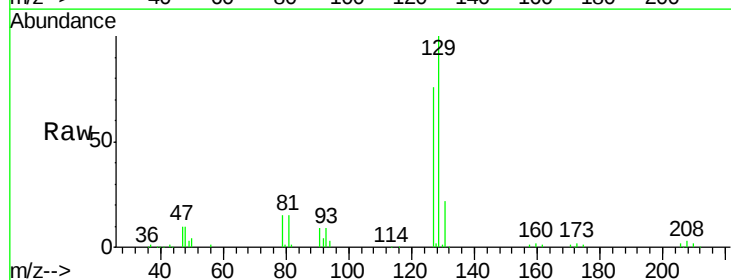
Manual Integrations
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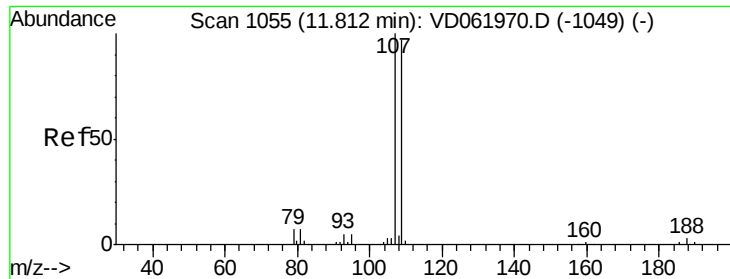
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#60
Dibromochloromethane
Concen: 54.641 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.7	38.0	113.9





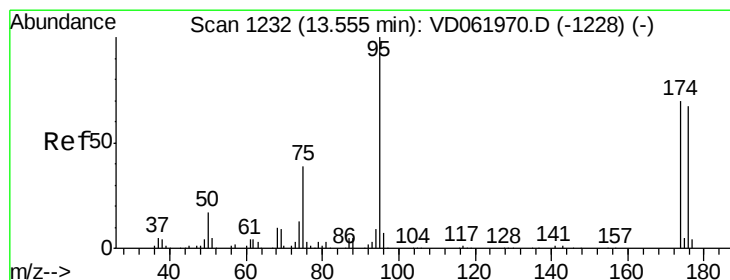
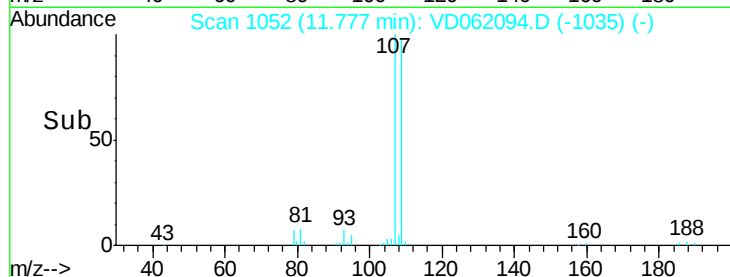
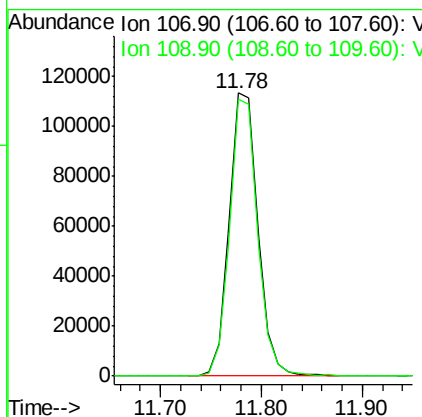
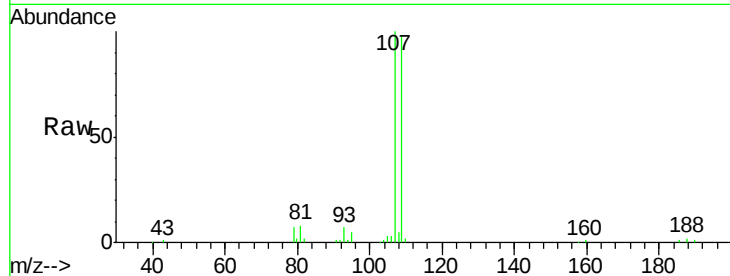
#61
 1,2-Dibromoethane
 Concen: 54.774 ug/l
 RT: 11.78 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.8	78.3	117.5

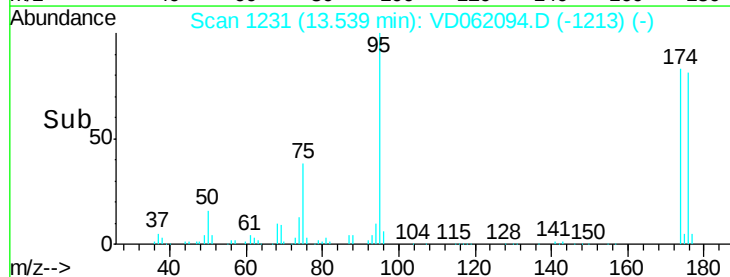
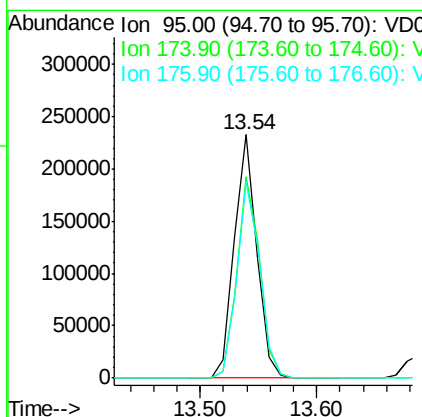
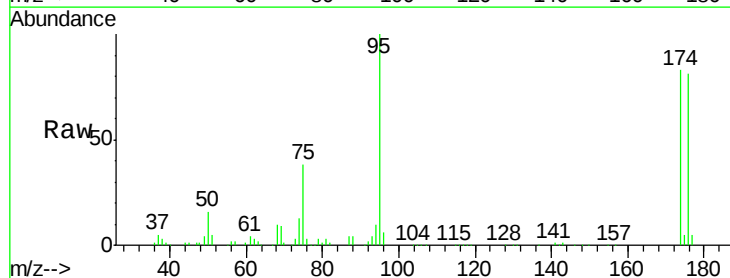
Manual Integrations
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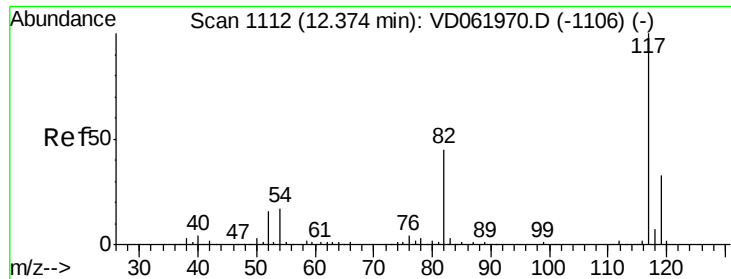
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#62
 4-Bromofluorobenzene
 Concen: 56.408 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	181.8
176	80.5	0.0	174.4





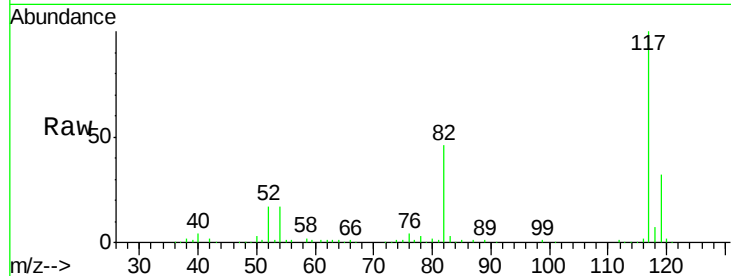
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	45.8	36.2	54.2
119	31.8	26.2	39.4

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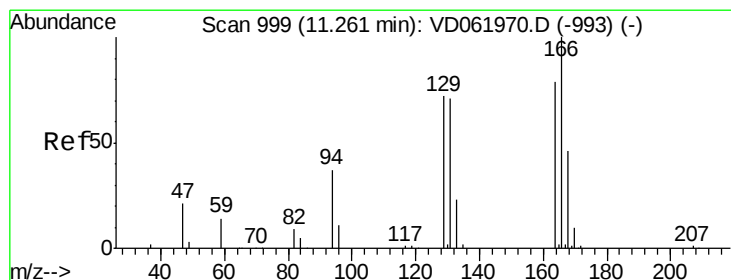
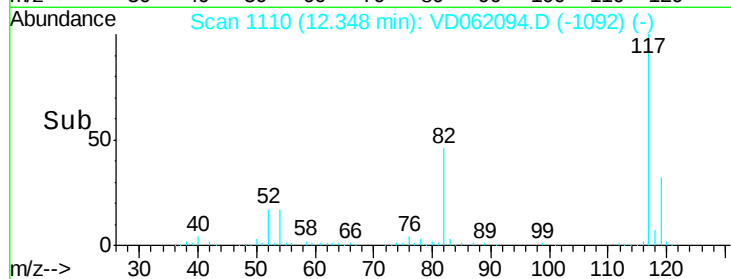
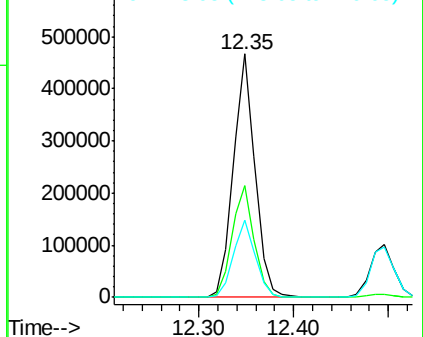


Abundance

Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#64
Tetrachloroethene
Concen: 44.069 ug/l
RT: 11.24 min Scan# 997
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	101.5	152.3
129	89.7	74.6	112.0
131	86.1	72.6	108.8

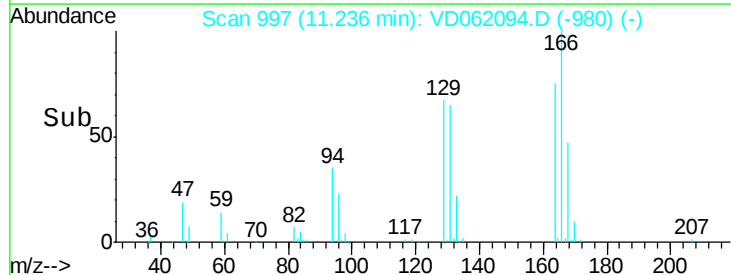
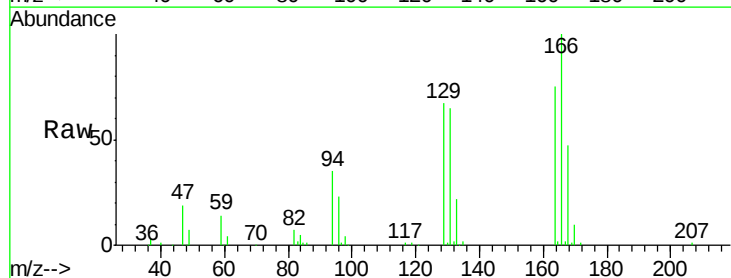
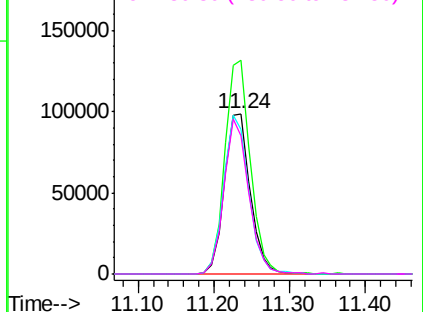
Abundance

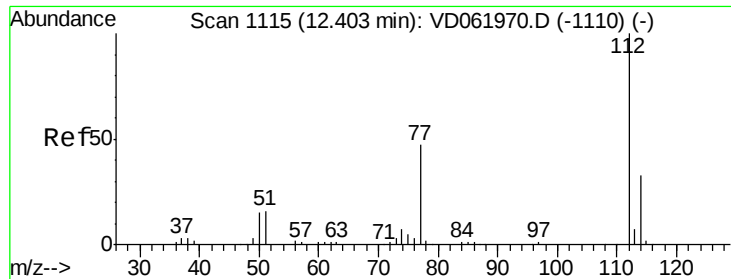
Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





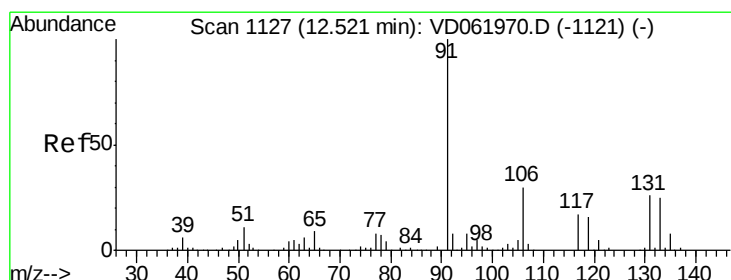
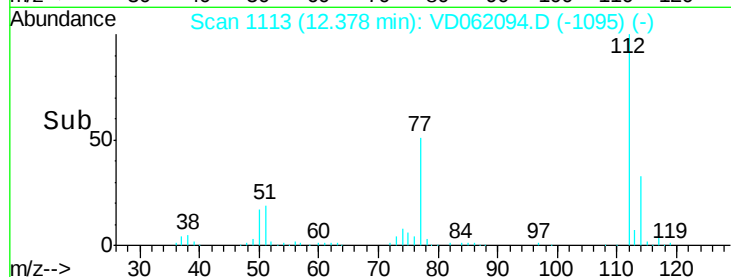
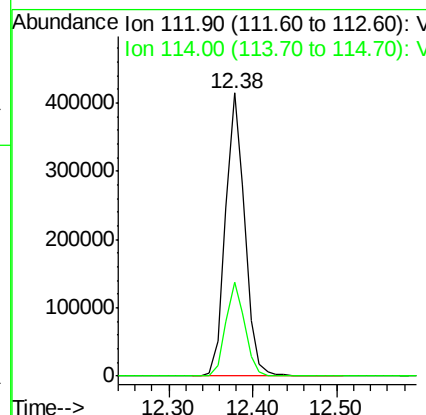
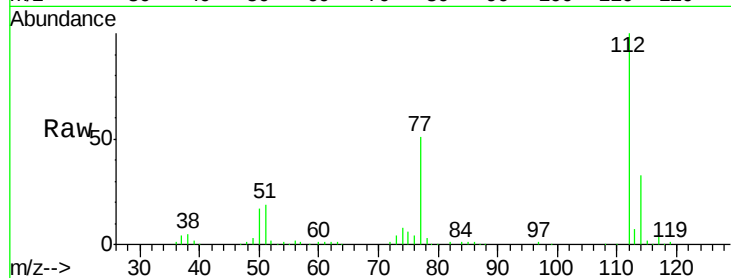
#65
Chlorobenzene
Concen: 46.983 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 655604
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

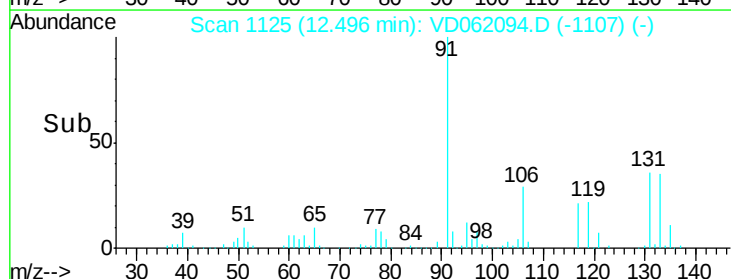
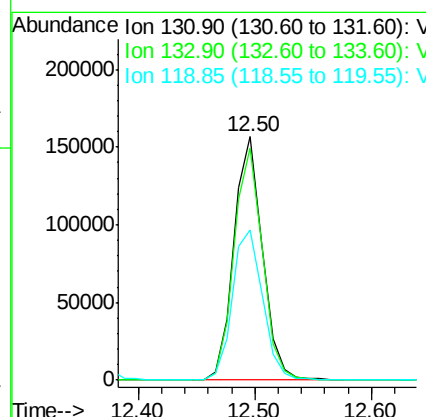
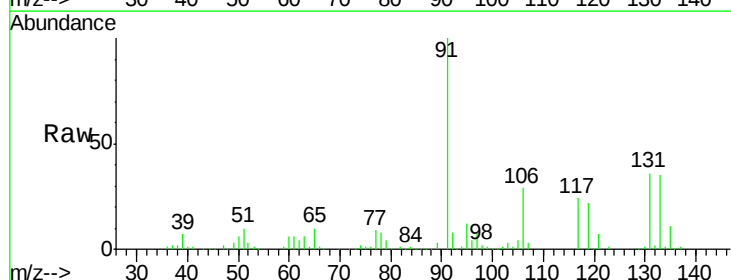
Manual Integrations
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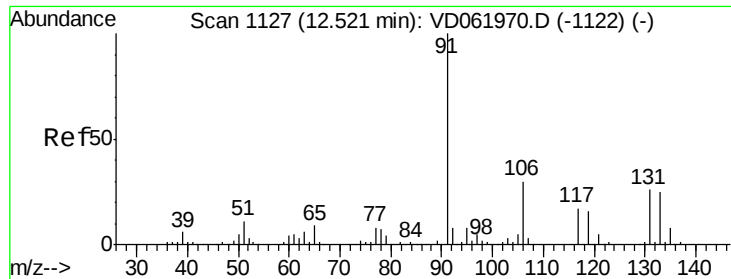
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.929 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion:131 Resp: 265934
Ion Ratio Lower Upper
131 100
133 95.1 48.6 145.8
119 61.6 34.7 104.1





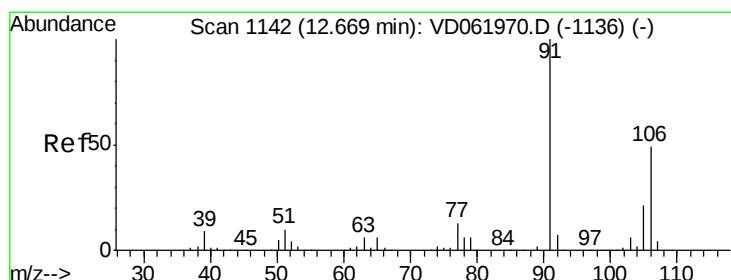
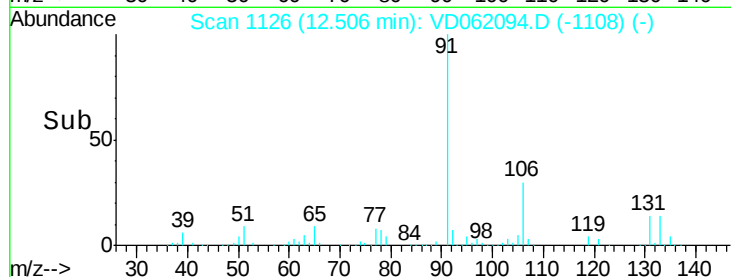
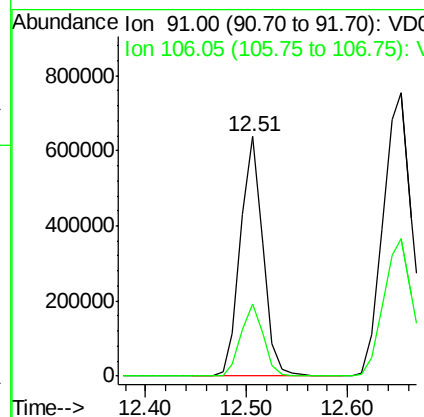
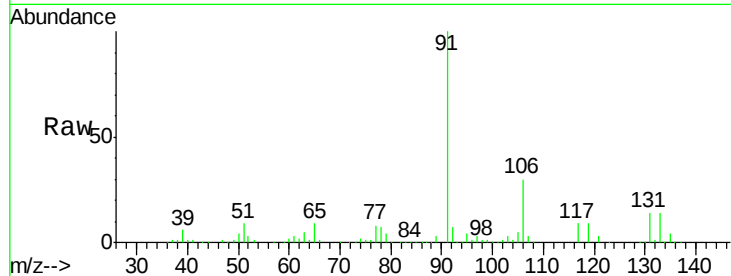
#67
Ethyl Benzene
Concen: 43.199 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 983879
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

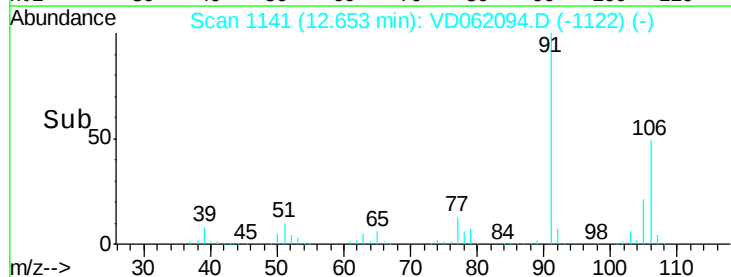
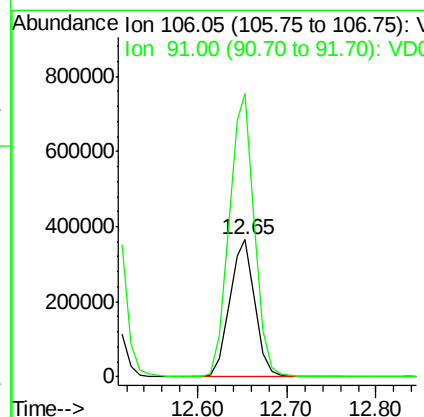
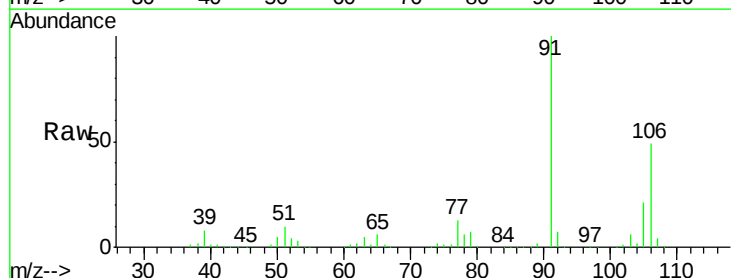
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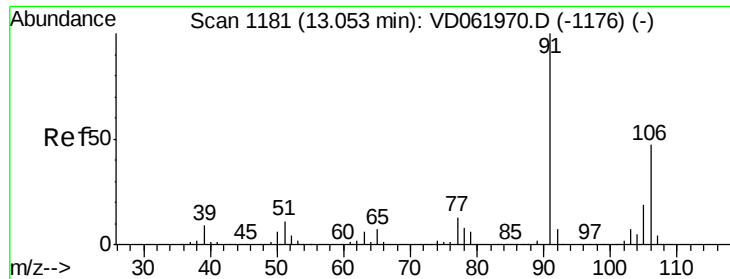
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#68
m/p-Xylenes
Concen: 87.828 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 106 Resp: 722968
Ion Ratio Lower Upper
106 100
91 206.1 164.0 246.0





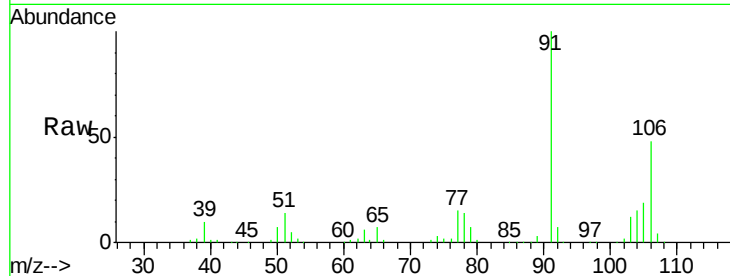
#69
o-Xylene
Concen: 43.102 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

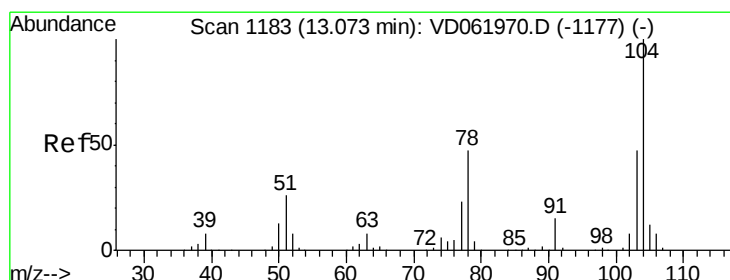
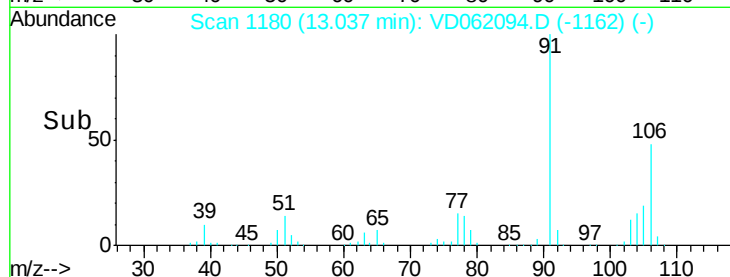
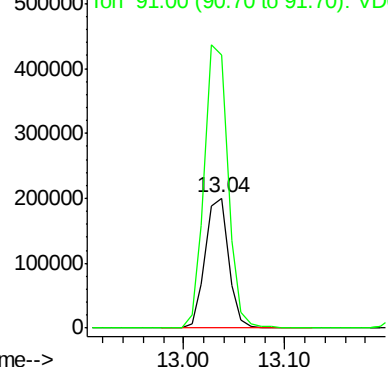
Tot Ion:106 Resp: 324635
Ion Ratio Lower Upper
106 100
91 209.6 106.7 319.9

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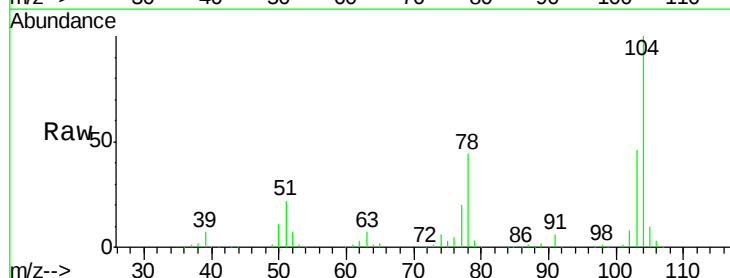


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

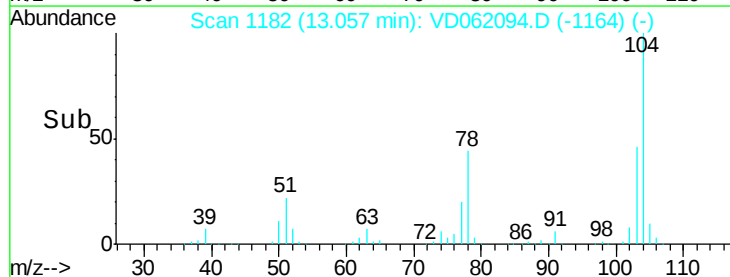
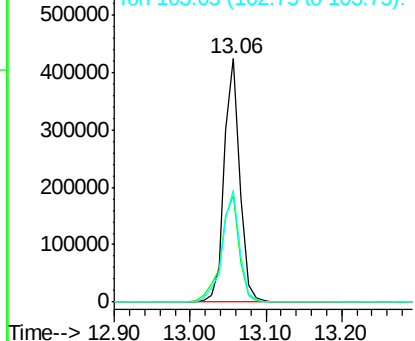


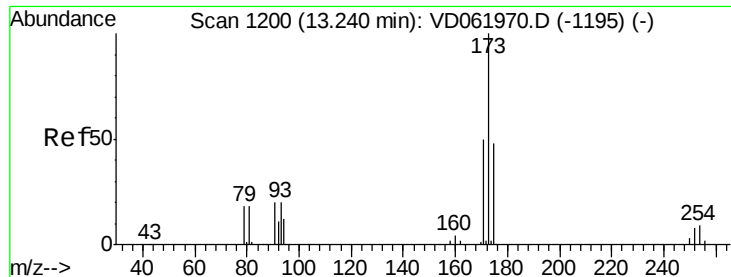
#70
Styrene
Concen: 46.639 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion:104 Resp: 606539
Ion Ratio Lower Upper
104 100
78 43.7 35.4 53.2
103 45.8 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 49.059 ug/l

RT: 13.21 min Scan# 1198

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

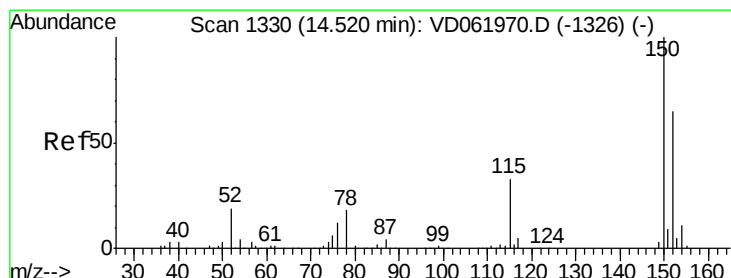
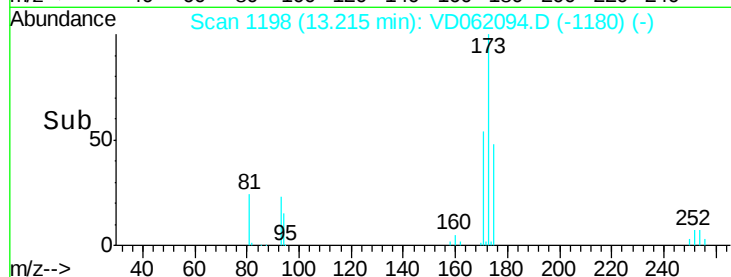
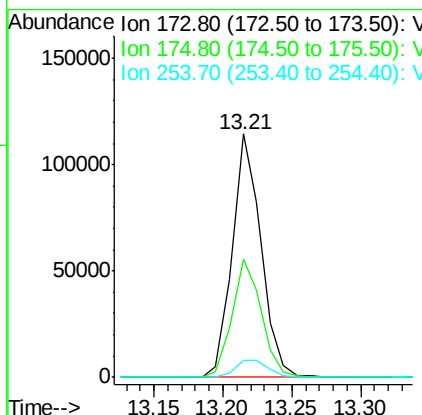
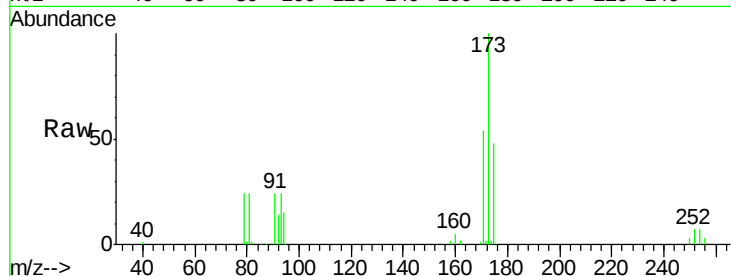
ClientSampleId :

VSTDCCC050EC

Tot Ion:173	Resp:	165549
Ion Ratio	Lower	Upper
173 100		
175 48.5	24.4	73.4
254 6.9	5.4	8.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

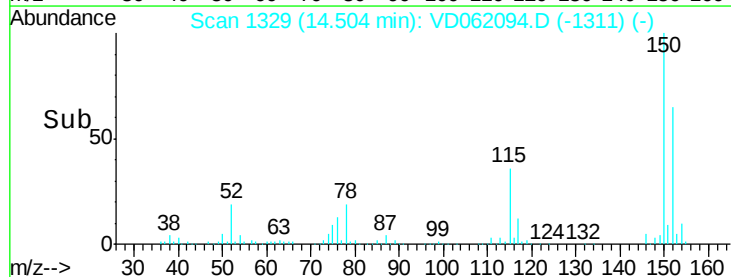
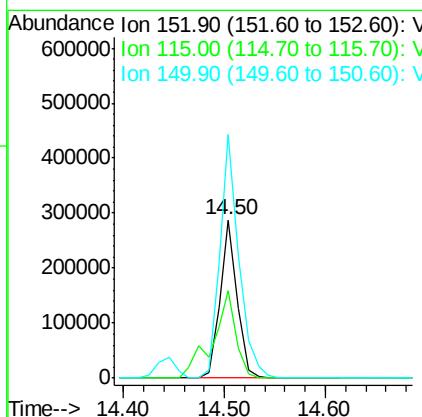
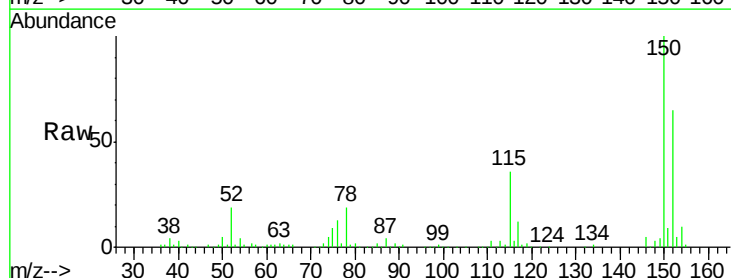
RT: 14.50 min Scan# 1329

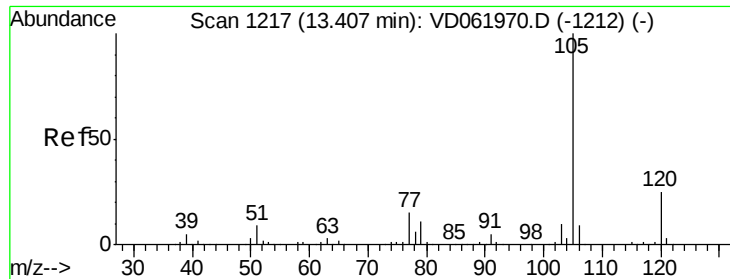
Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion:152	Resp:	338516
Ion Ratio	Lower	Upper
152 100		
115 55.3	30.9	92.7
150 153.9	0.0	314.8





#73

Isopropylbenzene

Concen: 44.316 ug/l

RT: 13.38 min Scan# 1215

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1000714

Ion Ratio Lower Upper

105 100

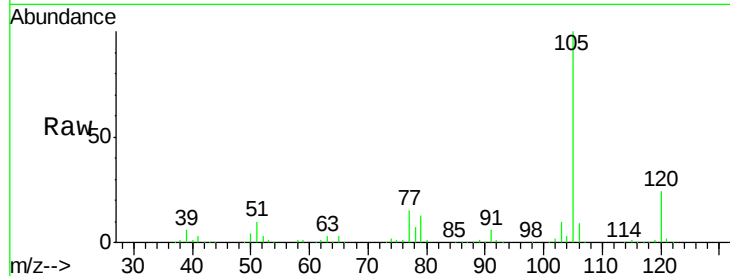
120 23.6 12.0 36.1

Manual Integrations

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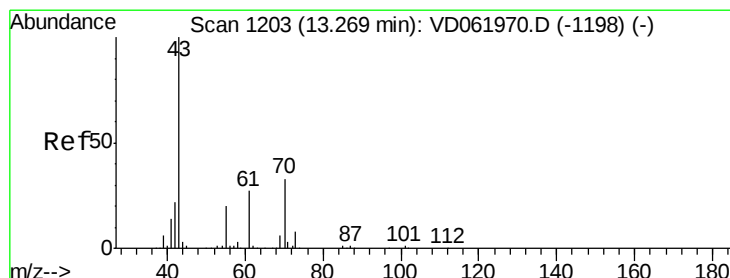
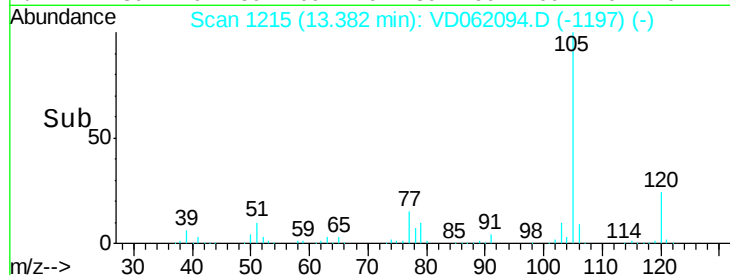
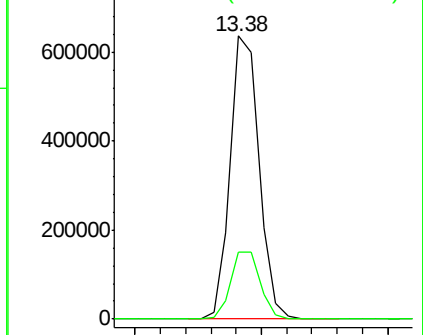
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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 45.582 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion: 43 Resp: 265085

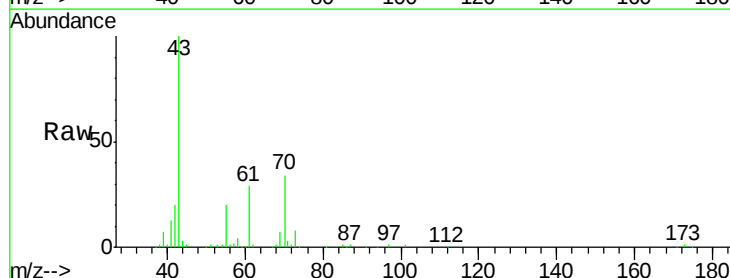
Ion Ratio Lower Upper

43 100

70 34.3 24.2 36.4

55 19.9 16.0 24.0

61 28.7 21.6 32.4

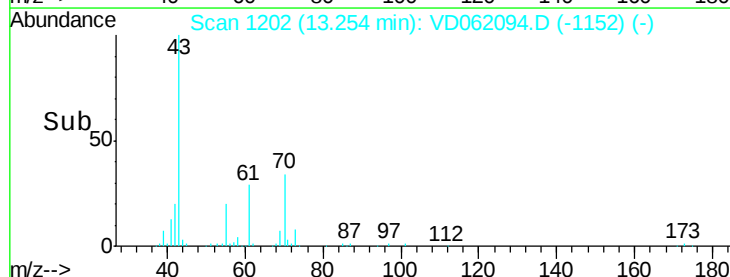
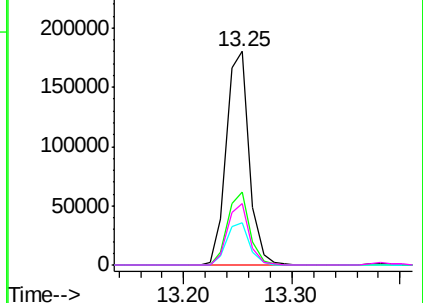


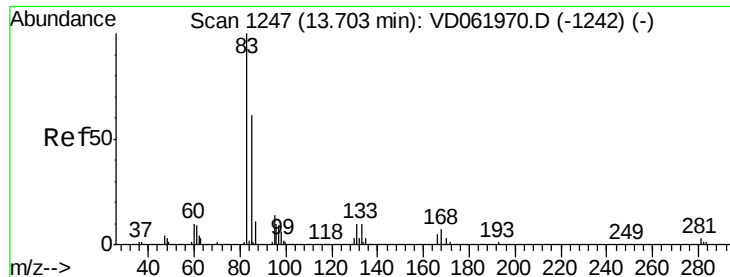
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 45.947 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Instrument :

MSVOA_D

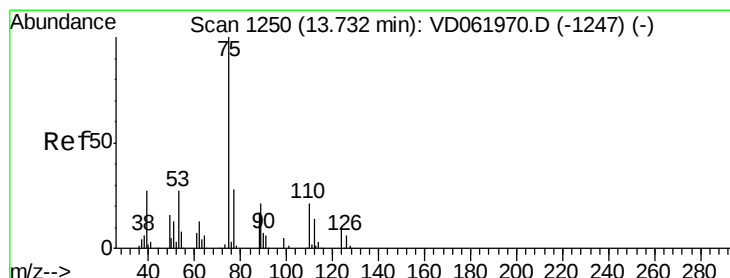
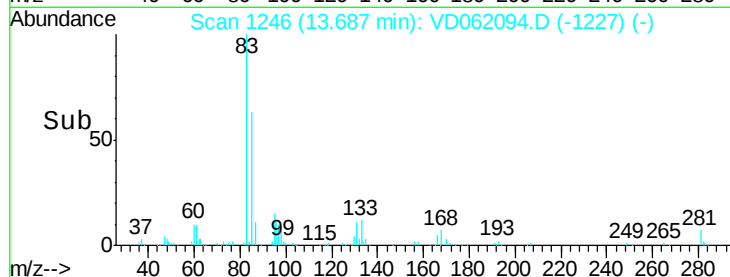
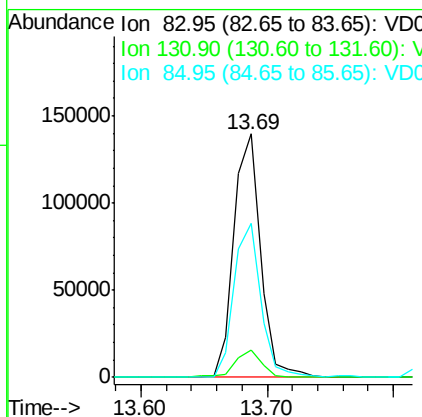
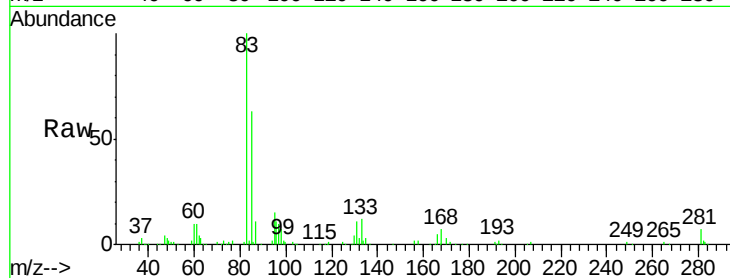
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	203319
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.0	14.9
85	63.3	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 47.131 ug/l

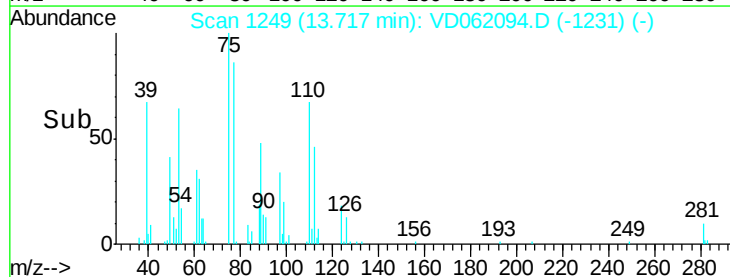
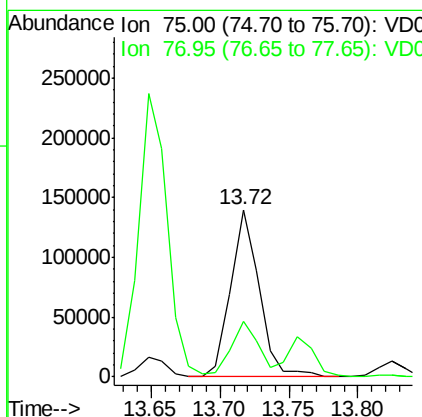
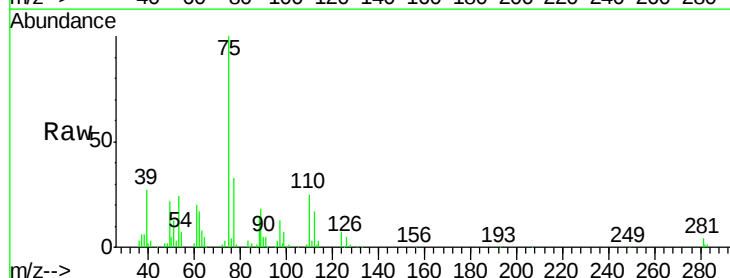
RT: 13.72 min Scan# 1249

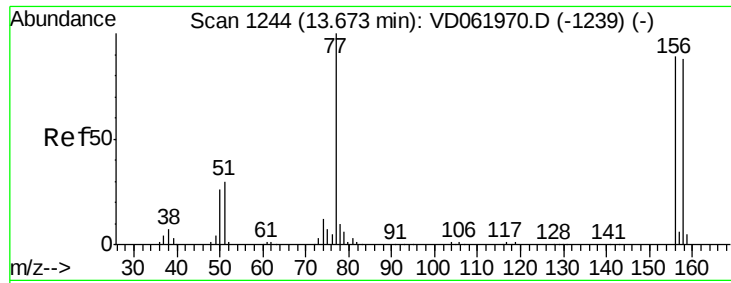
Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion:	75	Resp:	202601
Ion Ratio	Lower	Upper	
75	100		
77	32.9	16.4	49.4





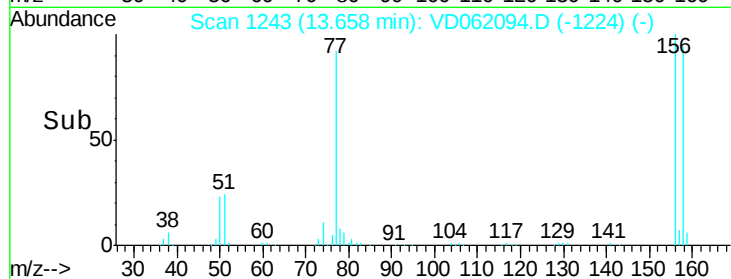
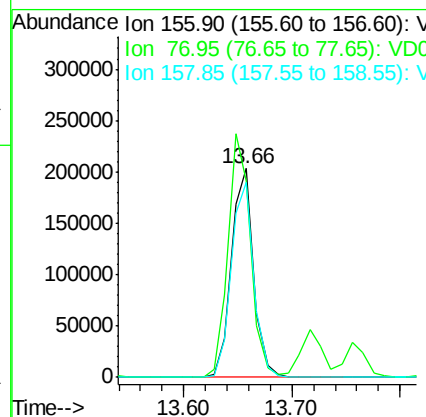
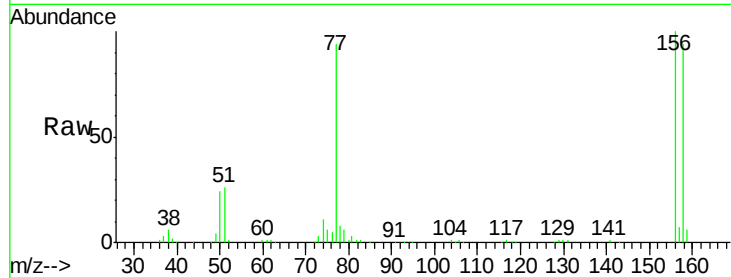
#77
Bromobenzene
Concen: 44.619 ug/l
RT: 13.66 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	94.3	53.1	159.4
158	93.7	49.4	148.0

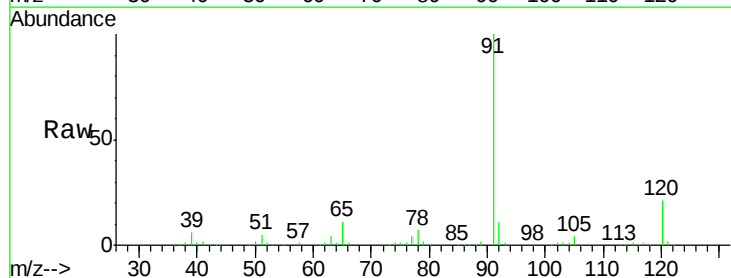
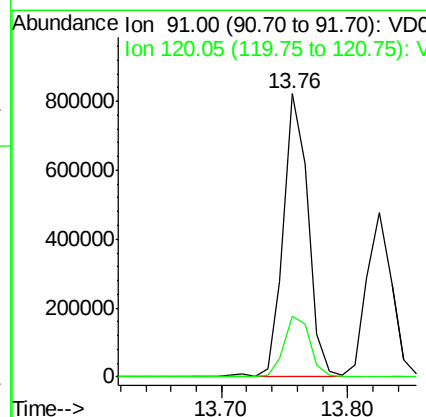
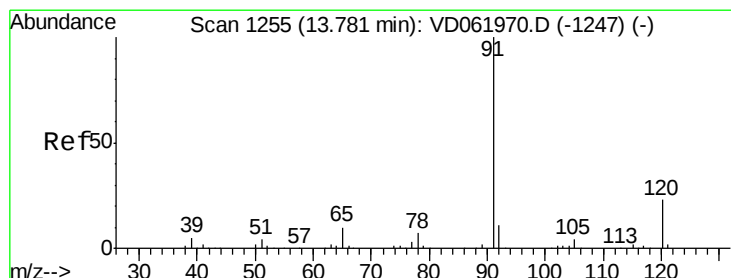
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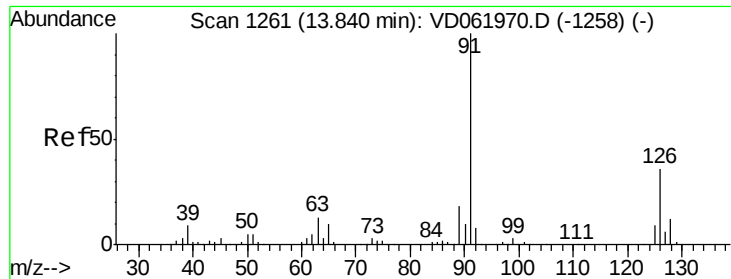
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#78
n-propylbenzene
Concen: 43.607 ug/l
RT: 13.76 min Scan# 1253
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.1	33.1





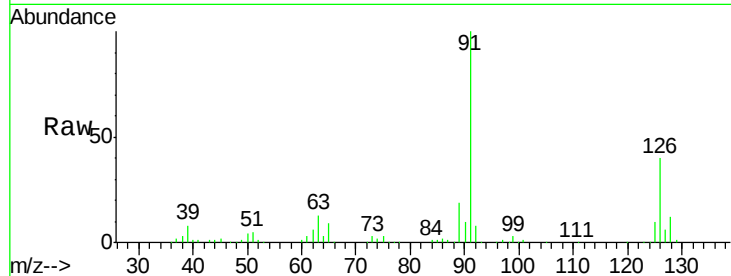
#79
 2-Chlorotoluene
 Concen: 42.630 ug/l
 RT: 13.82 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

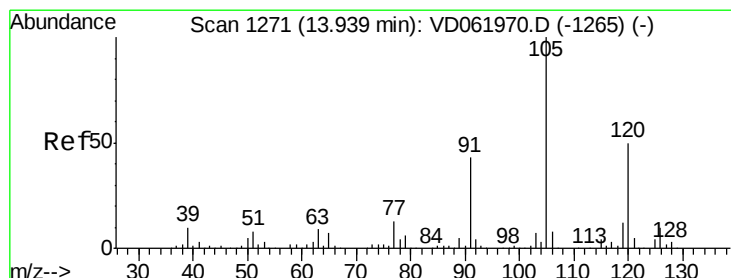
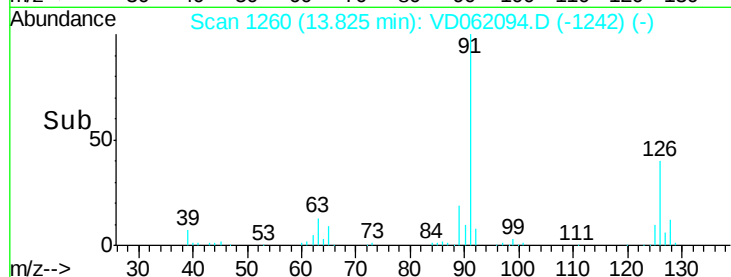
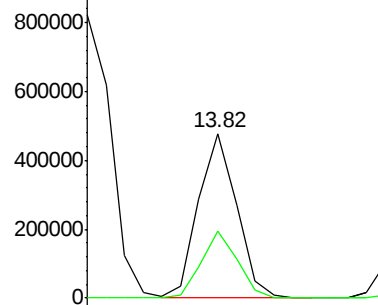
Tot Ion: 91 Resp: 667495
 Ion Ratio Lower Upper
 91 100
 126 40.3 18.6 55.8

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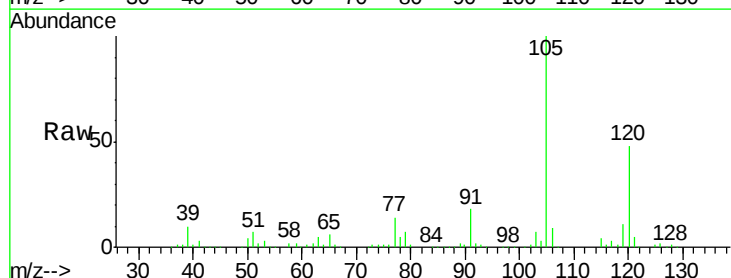


Abundance Ion 91.00 (90.70 to 91.70): VD061970.D (-1258) (-)
 Ion 125.95 (125.65 to 126.65): VD061970.D (-1258) (-)

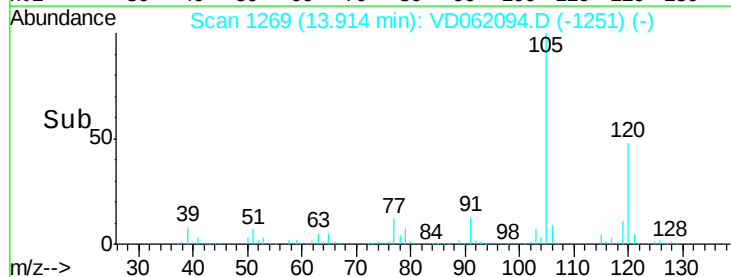
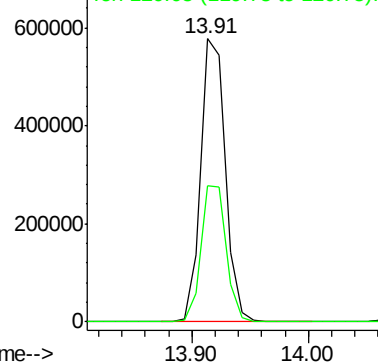


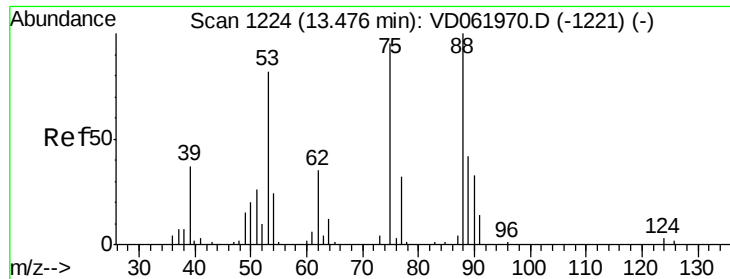
#80
 1,3,5-Trimethylbenzene
 Concen: 46.852 ug/l
 RT: 13.91 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 105 Resp: 843598
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): VD061970.D (-1265) (-)
 Ion 120.05 (119.75 to 120.75): VD061970.D (-1265) (-)





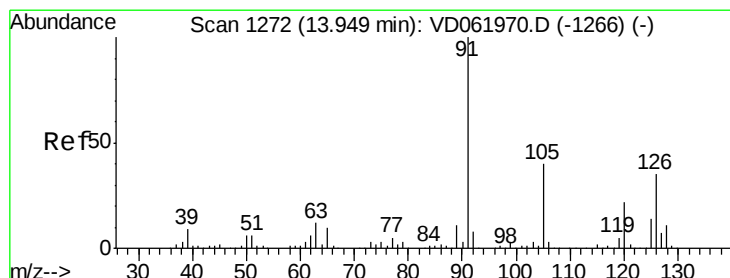
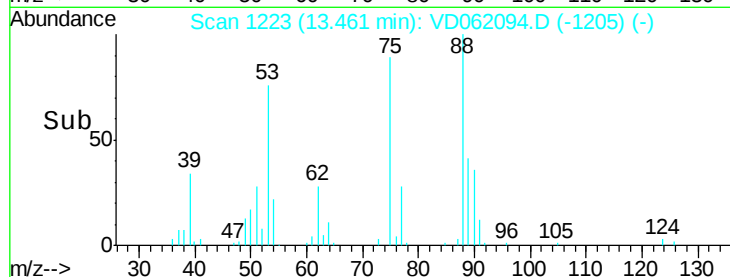
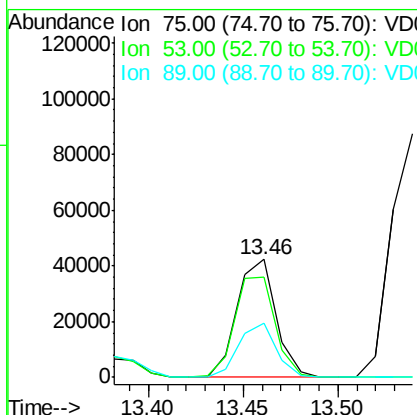
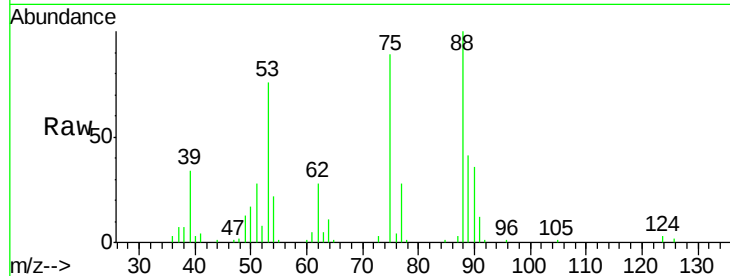
#81
trans-1,4-Dichloro-2-butene
Concen: 46.371 ug/l
RT: 13.46 min Scan# 1223
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.2	65.8	98.8
89	46.1	35.0	52.6

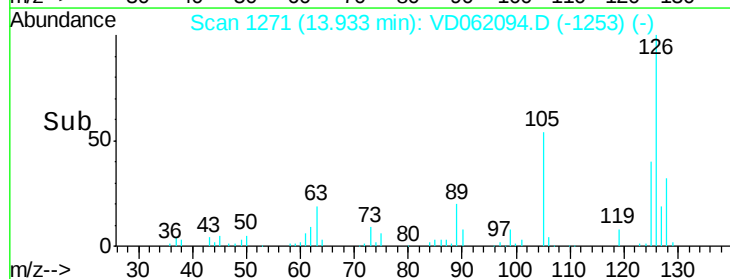
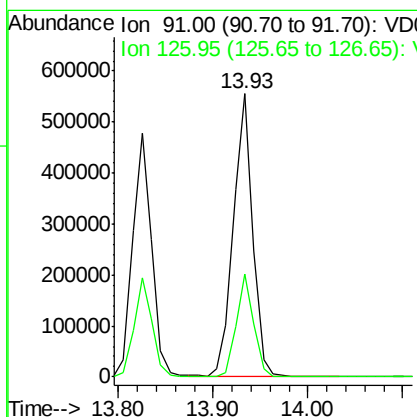
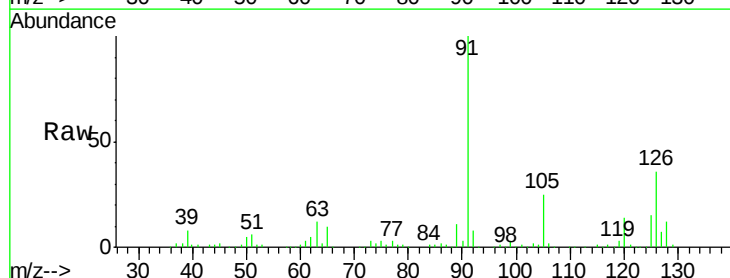
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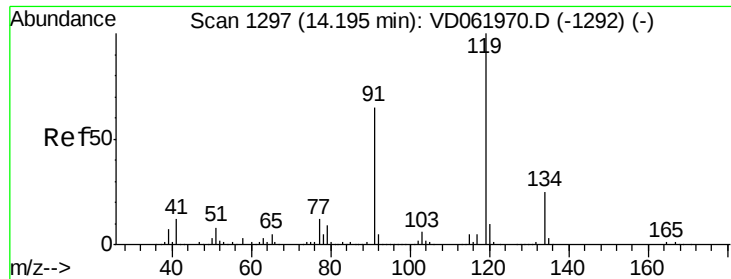
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#82
4-Chlorotoluene
Concen: 45.748 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	19.1	57.5





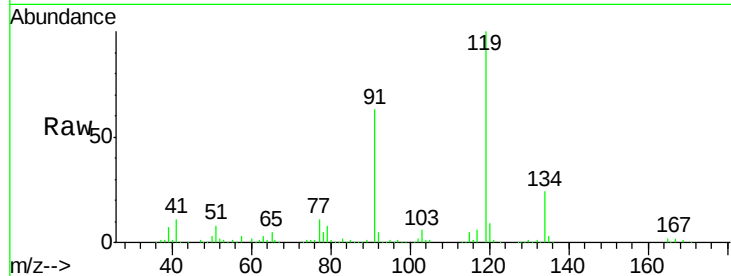
#83
tert-Butylbenzene
Concen: 46.347 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

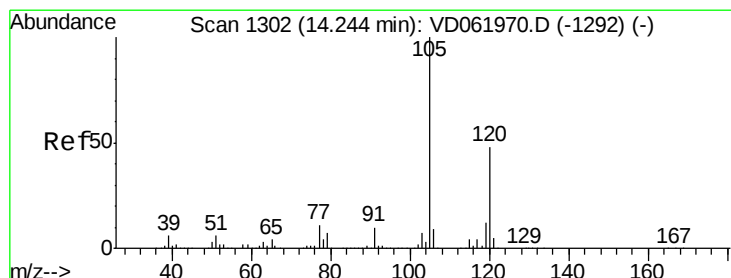
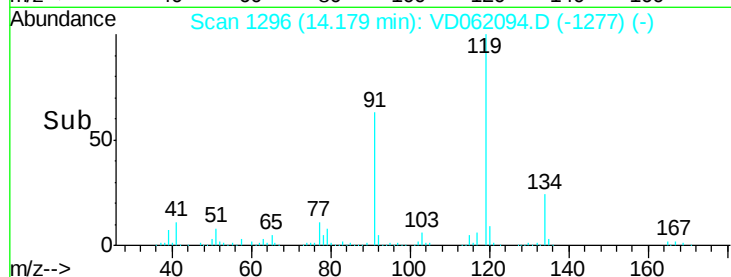
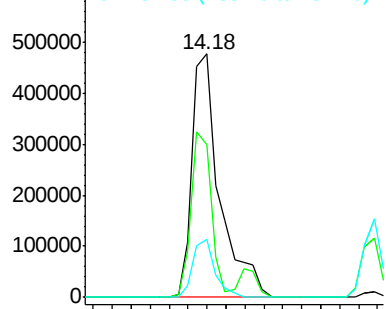
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	34.2	102.6
134	24.0	12.0	36.0

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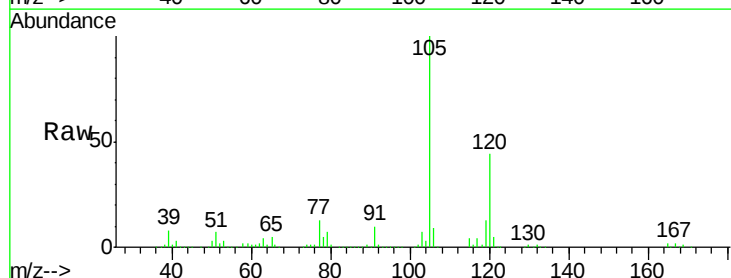


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): VD
Ion 134.00 (133.70 to 134.70): V

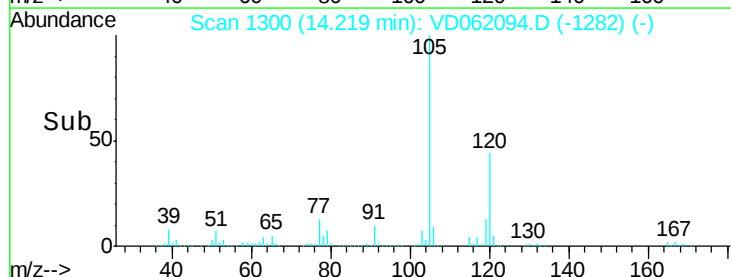
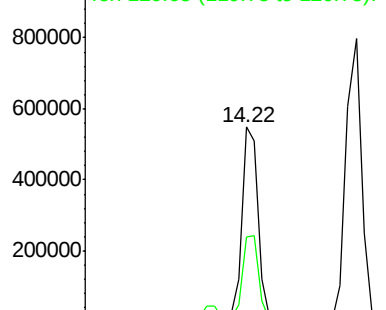


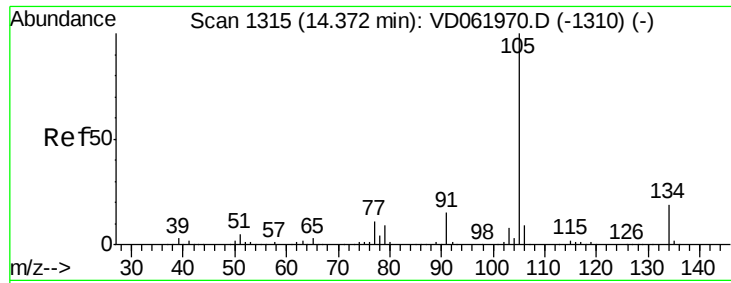
#84
1,2,4-Trimethylbenzene
Concen: 45.851 ug/l
RT: 14.22 min Scan# 1300
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	23.1	69.2



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





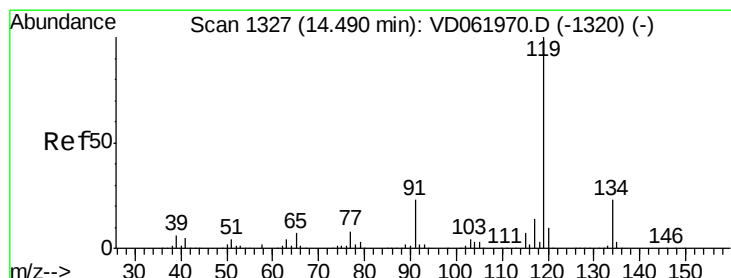
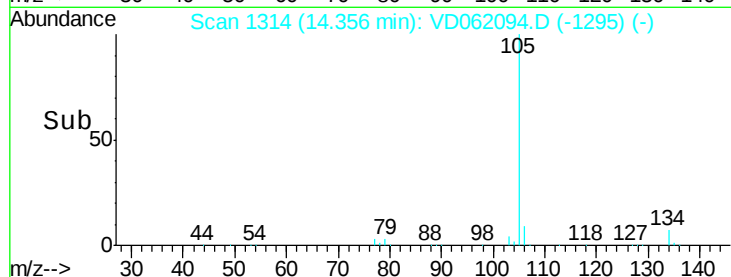
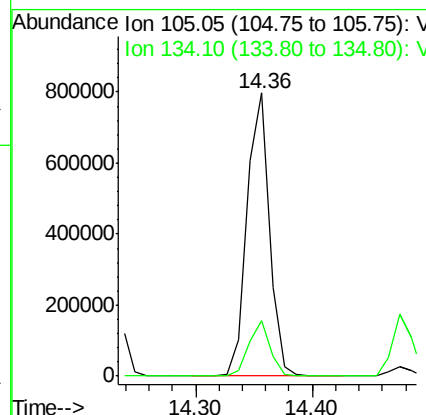
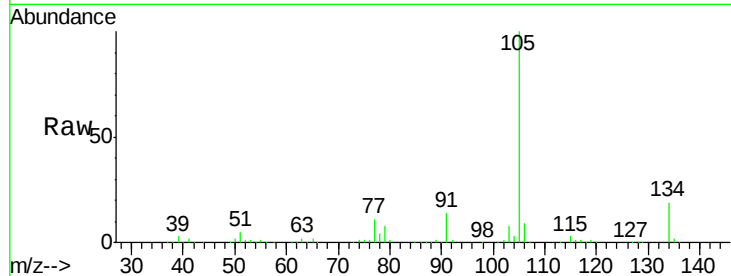
#85
 sec-Butylbenzene
 Concen: 46.970 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1058582
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.9 26.7

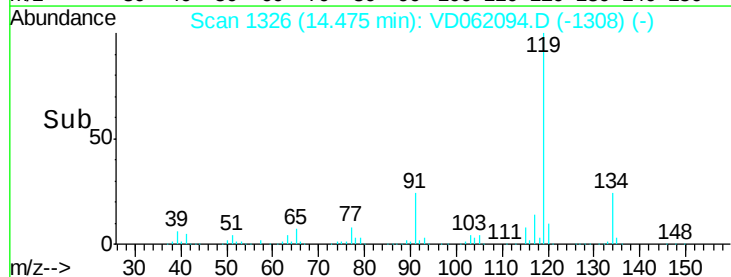
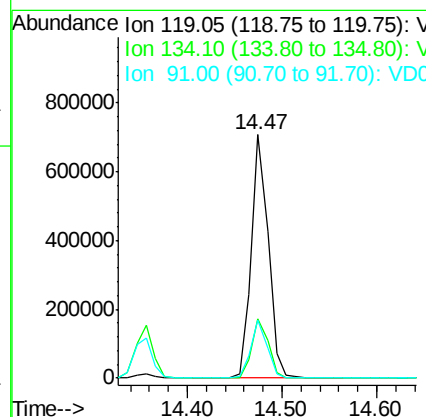
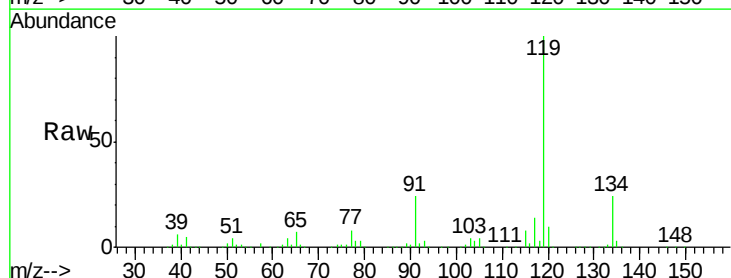
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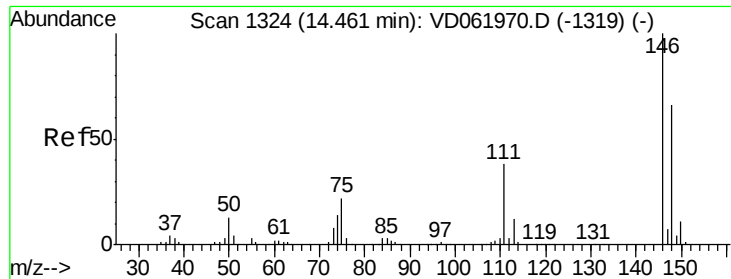
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#86
 p-Isopropyltoluene
 Concen: 43.431 ug/l
 RT: 14.47 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion:119 Resp: 876024
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.8 38.3
 91 23.8 10.7 32.1





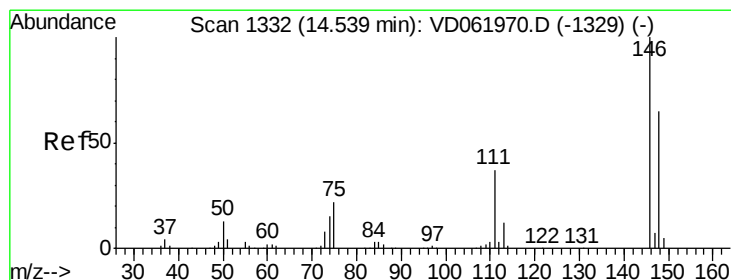
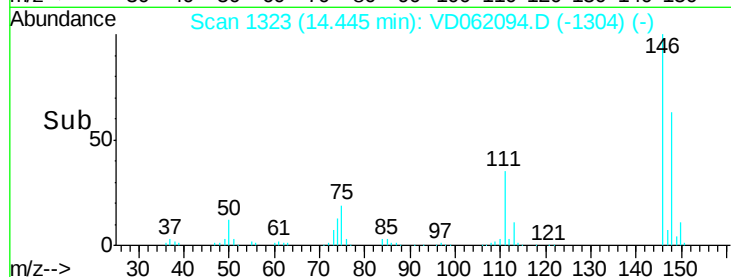
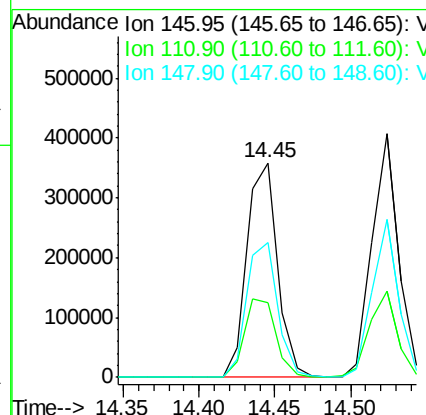
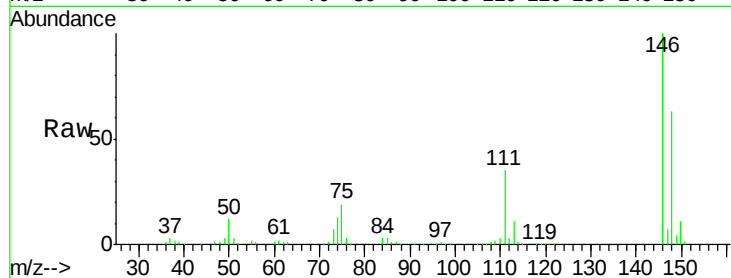
#87
 1,3-Dichlorobenzene
 Concen: 44.453 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.8	20.0	60.0
148	63.1	31.8	95.4

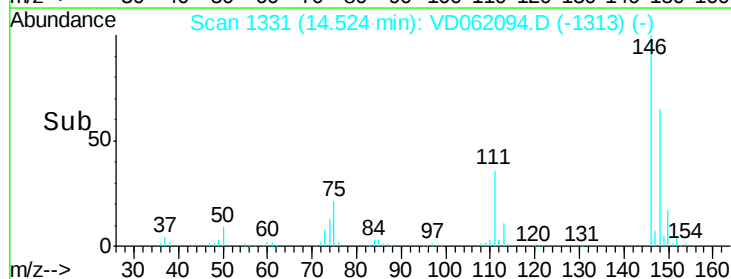
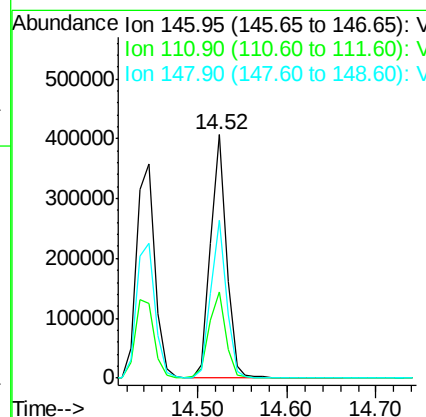
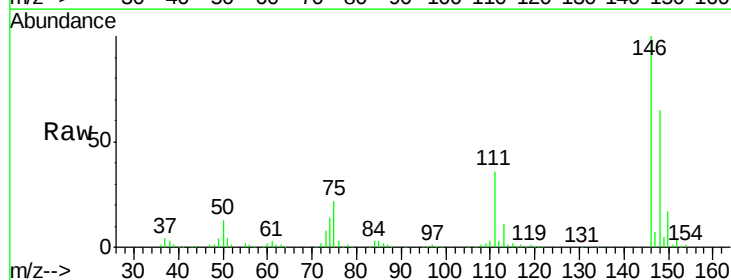
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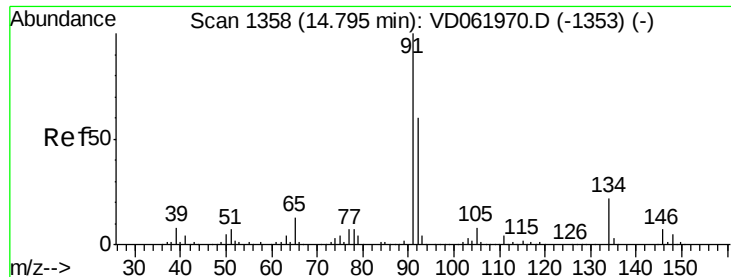
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#88
 1,4-Dichlorobenzene
 Concen: 47.223 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	20.2	60.5
148	65.0	32.0	96.2





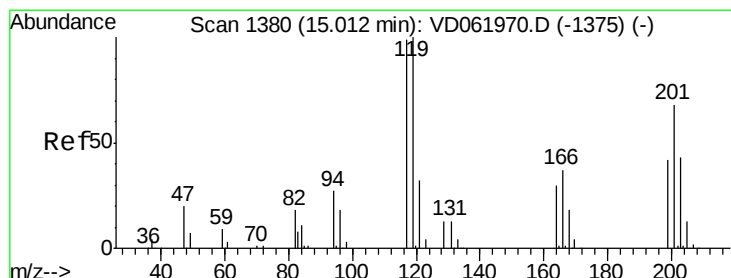
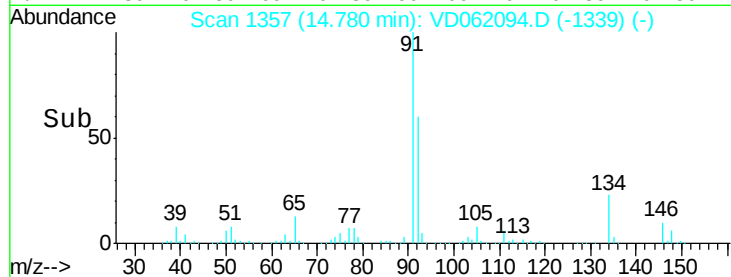
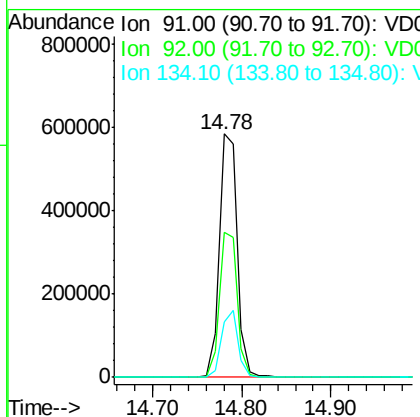
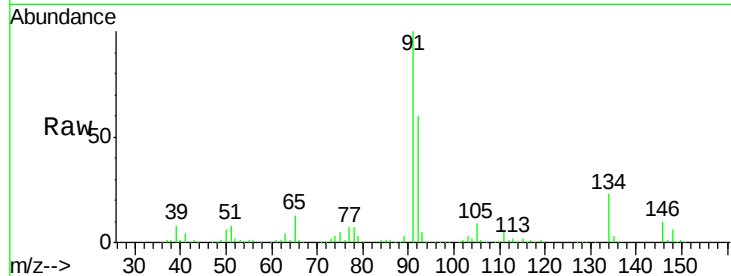
#89
n-Butylbenzene
Concen: 45.826 ug/l
RT: 14.78 min Scan# 1357
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.6	30.3	91.0
134	22.9	14.5	43.6

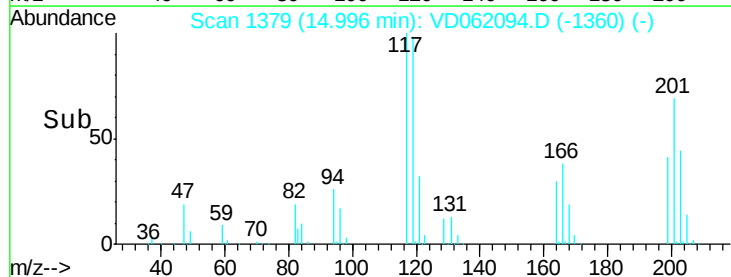
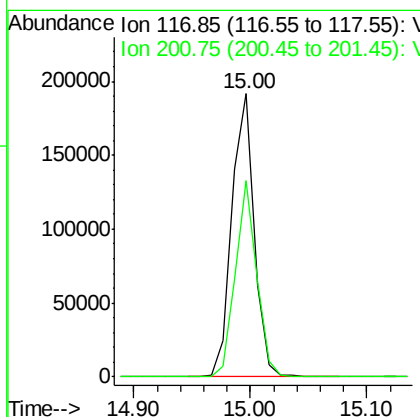
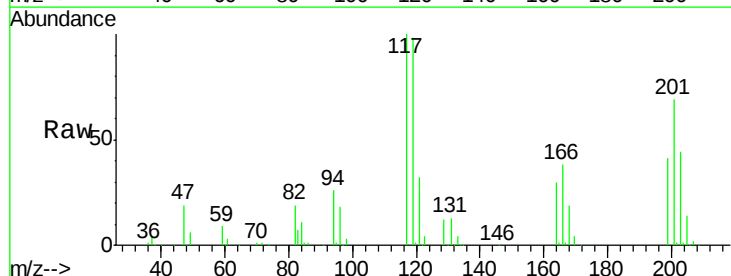
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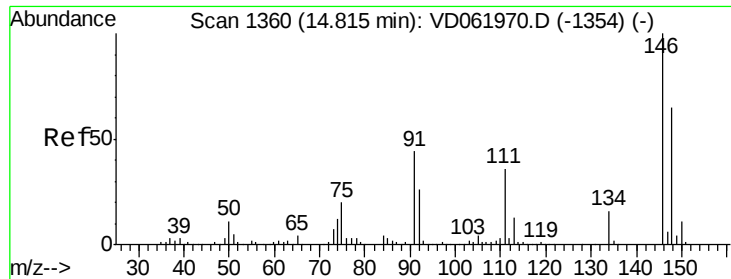
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#90
Hexachloroethane
Concen: 46.726 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.3	30.2	90.6





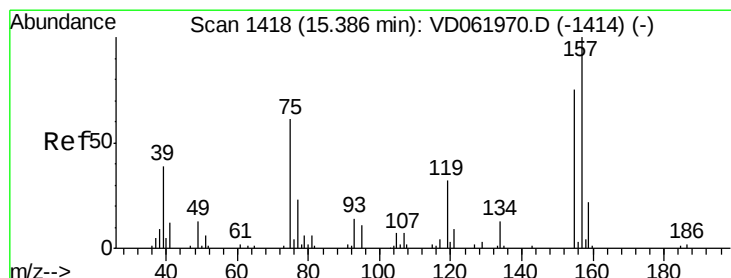
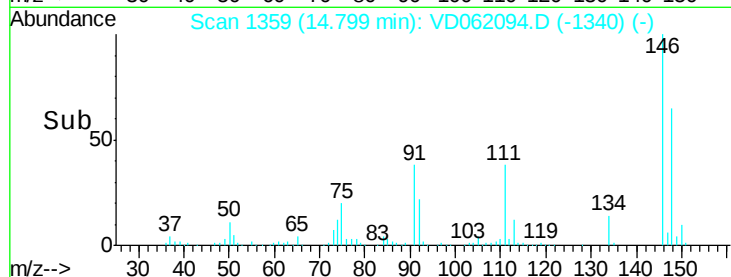
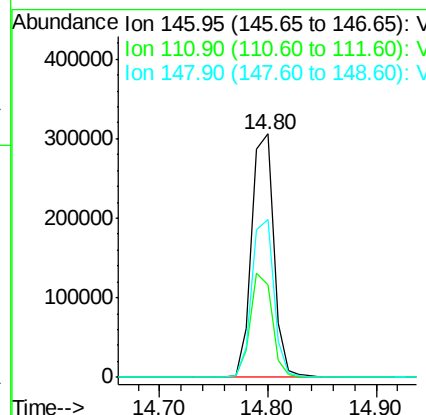
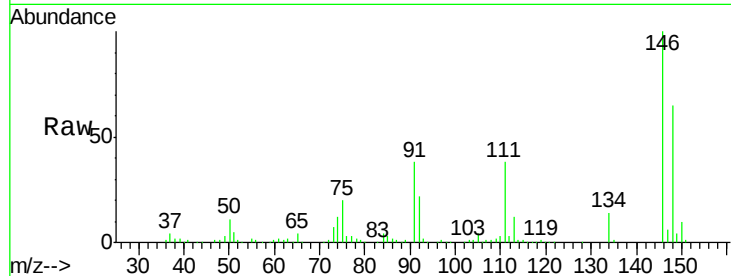
#91
 1,2-Dichlorobenzene
 Concen: 46.807 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.0	59.9
148	65.0	32.3	96.8

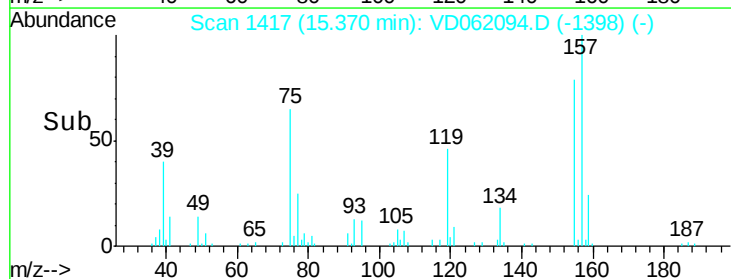
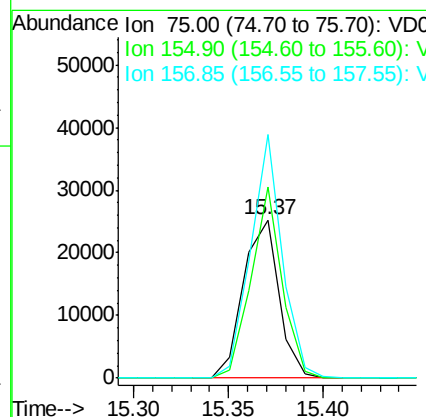
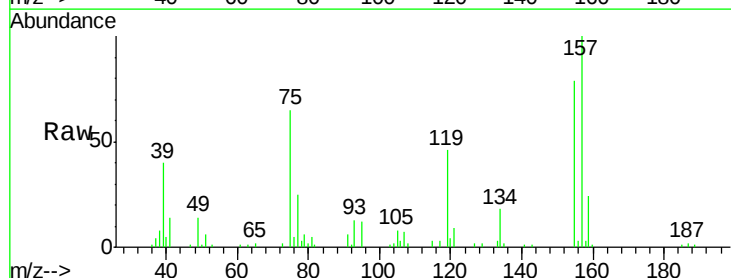
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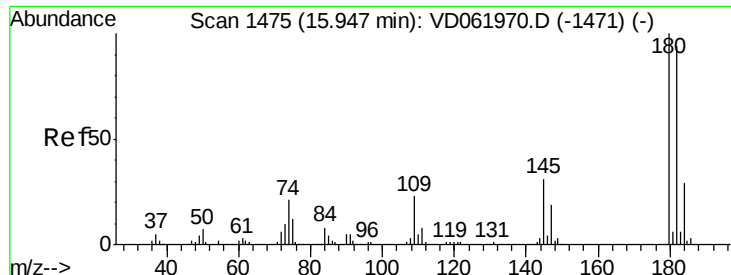
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.240 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	121.1	55.3	165.8
157	154.3	67.8	203.2





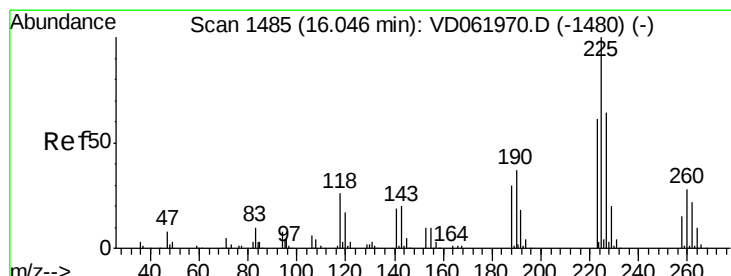
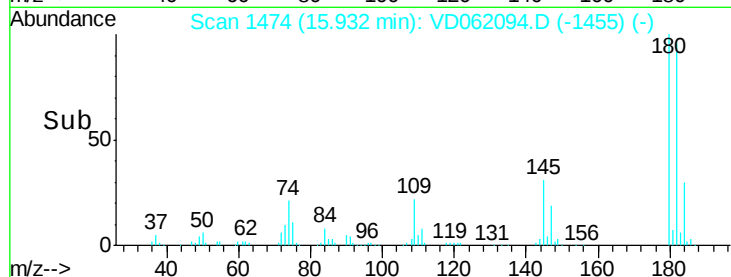
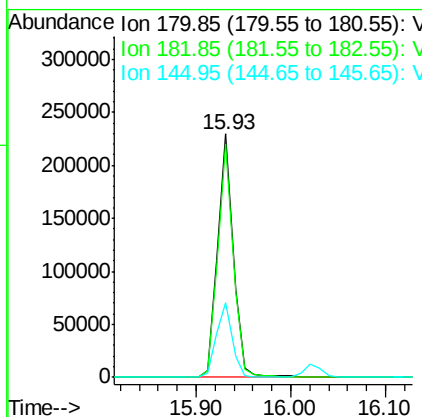
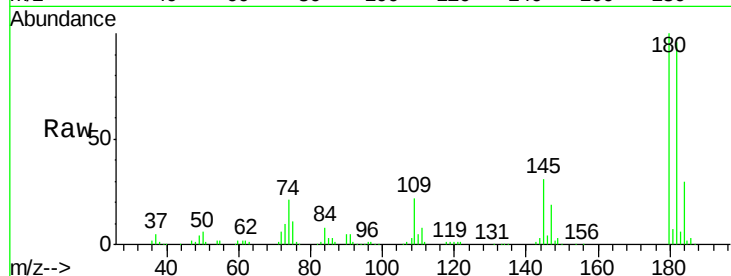
#93
 1,2,4-Trichlorobenzene
 Concen: 52.475 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	49.3	147.8
145	30.5	16.2	48.6

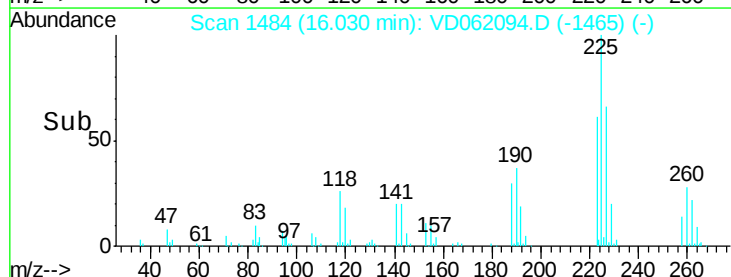
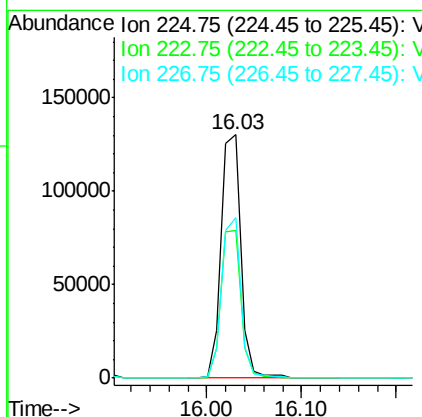
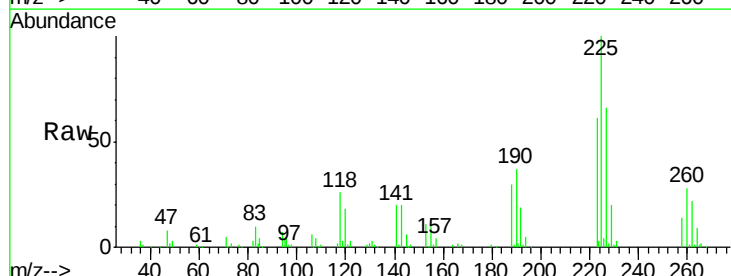
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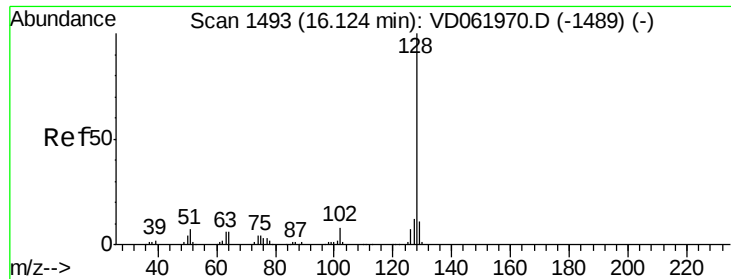
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#94
 Hexachlorobutadiene
 Concen: 50.295 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.6	92.0
227	65.9	32.0	96.2





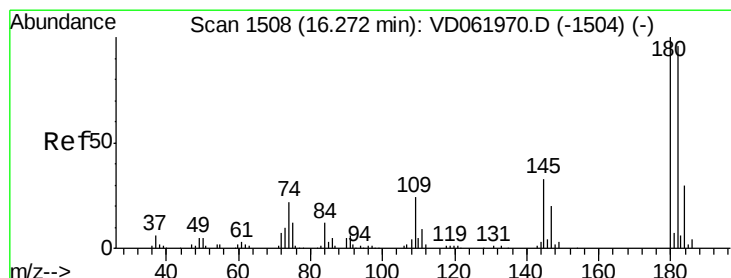
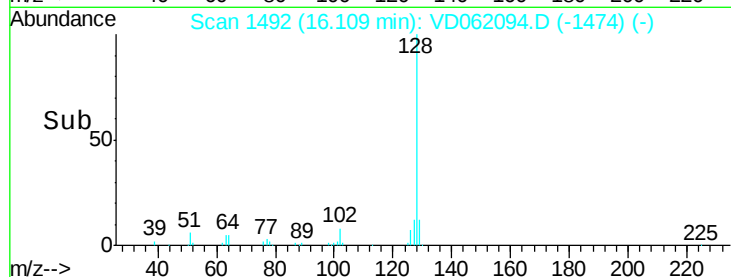
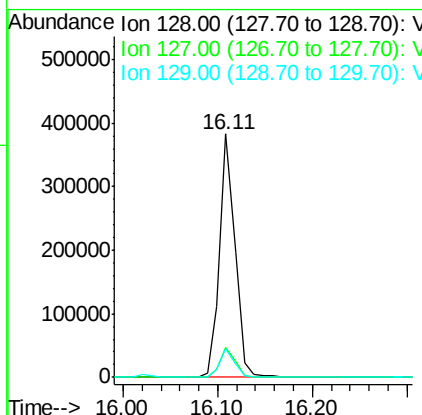
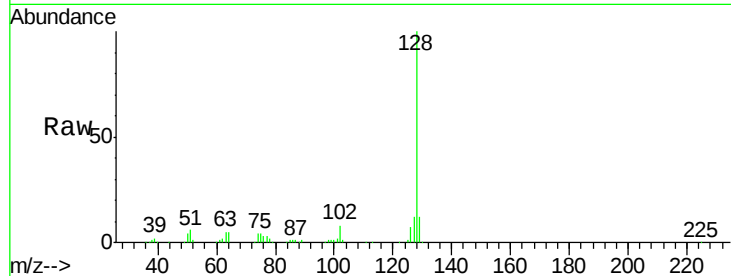
#95
Naphthalene
Concen: 53.319 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.8
129	11.6	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 60.758 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.0
145	32.4	17.0	51.0

