

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060719\
 Data File : VD062644.D
 Acq On : 7 Jun 2019 17:07
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD060719

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 2:17:26 AM

Quant Time: Jun 08 00:17:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	759195	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1057024	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	912575	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	492669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	553779	50.55	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	6.93	113	565010	50.68	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.42	98	1184281	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	13.56	95	559818	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	376843	42.299	ug/l	97
3) Chloromethane	1.75	50	323803	43.105	ug/l	97
4) Vinyl Chloride	1.85	62	349925	45.174	ug/l	95
5) Bromomethane	2.16	94	195434	49.983	ug/l	96
6) Chloroethane	2.28	64	184785	48.318	ug/l	96
7) Trichlorofluoromethane	2.53	101	770637	44.448	ug/l	97
8) Diethyl Ether	2.88	74	100399	42.576	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.15	101	449487	48.071	ug/l	97
10) Methyl Iodide	3.31	142	587417	43.816	ug/l	96
11) Tert butyl alcohol	4.09	59	91735	203.715	ug/l #	85
12) 1,1-Dichloroethene	3.13	96	323978	48.281	ug/l	92
13) Acrolein	3.03	56	33708	232.708	ug/l	96
14) Allyl chloride	3.62	41	513174	49.738	ug/l	97
15) Acrylonitrile	4.21	53	255174	249.366	ug/l	99
16) Acetone	3.22	43	507609	253.038	ug/l	96
17) Carbon Disulfide	3.38	76	977700	49.444	ug/l	97
18) Methyl Acetate	3.64	43	133476	40.487	ug/l	98
19) Methyl tert-butyl Ether	4.24	73	822477	50.256	ug/l	96
20) Methylene Chloride	3.82	84	354059	46.684	ug/l	94
21) trans-1,2-Dichloroethene	4.23	96	362102	49.195	ug/l	97
22) Diisopropyl ether	5.13	45	1091642	50.955	ug/l	96
23) Vinyl Acetate	5.06	43	3493356	262.841	ug/l	100
24) 1,1-Dichloroethane	4.99	63	690250	50.083	ug/l	98
25) 2-Butanone	6.08	43	494327	252.584	ug/l	98
26) 2,2-Dichloropropane	6.04	77	760786	47.896	ug/l	97
27) cis-1,2-Dichloroethene	6.05	96	392414	49.178	ug/l	98
28) Bromochloromethane	6.44	49	300293	56.999	ug/l	92
29) Tetrahydrofuran	6.47	42	214065	242.888	ug/l	100
30) Chloroform	6.67	83	877450	49.622	ug/l	96
31) Cyclohexane	6.96	56	434473	50.255	ug/l	97
32) 1,1,1-Trichloroethane	6.87	97	904546	51.409	ug/l	98
36) 1,1-Dichloropropene	7.15	75	589955	48.766	ug/l	99
37) Ethyl Acetate	6.18	43	237536	46.145	ug/l #	94
38) Carbon Tetrachloride	7.12	117	914724m	47.838	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	487802	49.898	ug/l	95
40) Benzene	7.46	78	1129468	47.807	ug/l	99
41) Methacrylonitrile	6.46	41	295091	46.597	ug/l	93
42) 1,2-Dichloroethane	7.58	62	684315	48.596	ug/l	97
43) Isopropyl Acetate	9.25	43	305153	47.806	ug/l #	94
44) Trichloroethene	8.55	130	458580	47.812	ug/l	99
45) 1,2-Dichloropropane	8.94	63	296430	52.236	ug/l	98
46) Dibromomethane	9.07	93	239662	47.578	ug/l	92
47) Bromodichloromethane	9.38	83	669822	48.883	ug/l	99
48) Methyl methacrylate	9.13	41	213365	46.268	ug/l	97
49) 1,4-Dioxane	9.09	88	35660	871.135	ug/l	95
51) 4-Methyl-2-Pentanone	10.31	43	1082988	242.471	ug/l	100
52) Toluene	10.52	92	795003	50.061	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	582128	51.816	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	582765	50.189	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	266472	48.929	ug/l	98
56) Ethyl methacrylate	11.05	69	292278	44.971	ug/l	99
57) 1,3-Dichloropropane	11.41	76	418371	49.564	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.87	63	655244	225.106	ug/l	91
59) 2-Hexanone	11.54	43	789920	237.754	ug/l	98
60) Dibromochloromethane	11.69	129	514806	47.885	ug/l	97
61) 1,2-Dibromoethane	11.81	107	324899	49.845	ug/l	93
64) Tetrachloroethene	11.26	164	405227	47.435	ug/l	98
65) Chlorobenzene	12.41	112	961206	47.618	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	465963	48.400	ug/l	96
67) Ethyl Benzene	12.52	91	1768223	49.406	ug/l	98
68) m/p-Xylenes	12.67	106	1210190	96.184	ug/l	100
69) o-Xylene	13.06	106	587456	50.838	ug/l	88
70) Styrene	13.08	104	994157	48.218	ug/l	97
71) Bromoform	13.24	173	306565	41.990	ug/l	95
73) Isopropylbenzene	13.41	105	1861263	53.599	ug/l	96
74) N-amyl acetate	13.27	43	479440	51.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	273234	45.985	ug/l	93
76) 1,2,3-Trichloropropane	13.73	75	314923	47.143	ug/l	98
77) Bromobenzene	13.68	156	475673	47.926	ug/l	97
78) n-propylbenzene	13.77	91	2117334	49.812	ug/l	100
79) 2-Chlorotoluene	13.84	91	1213775	48.769	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	1525931	49.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	93497	47.414	ug/l	88
82) 4-Chlorotoluene	13.95	91	1402817	47.132	ug/l	100
83) tert-Butylbenzene	14.20	119	1720195	50.818	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	1561112	51.375	ug/l	98
85) sec-Butylbenzene	14.37	105	1818708	51.238	ug/l	99
86) p-Isopropyltoluene	14.49	119	1757952	50.868	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	894252	49.735	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	845144	49.736	ug/l	98
89) n-Butylbenzene	14.80	91	1533388	49.320	ug/l	99
90) Hexachloroethane	15.01	117	450631	49.393	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	739478	49.475	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	59784	47.104	ug/l	92

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ClientSampleId :
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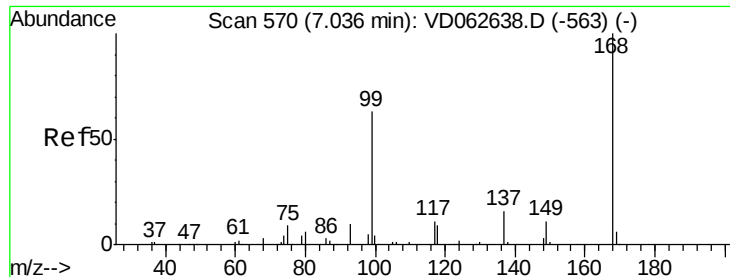
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	552537	44.036	ug/l	98
94) Hexachlorobutadiene	16.04	225	421927	47.813	ug/l	100
95) Naphthalene	16.13	128	760179	43.040	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	395219	45.908	ug/l	95

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



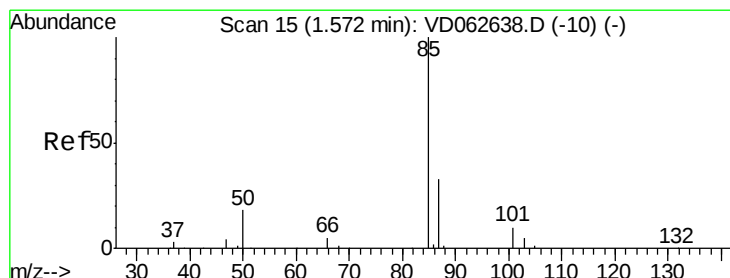
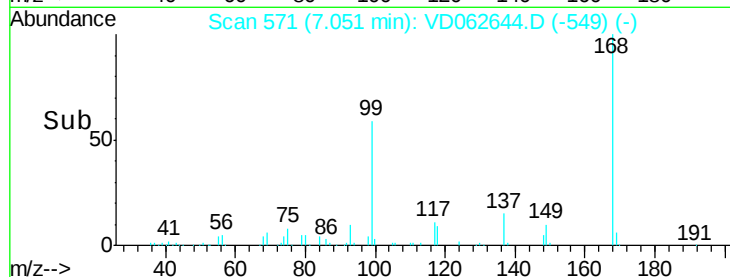
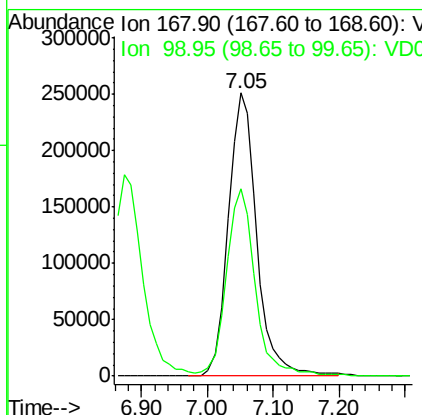
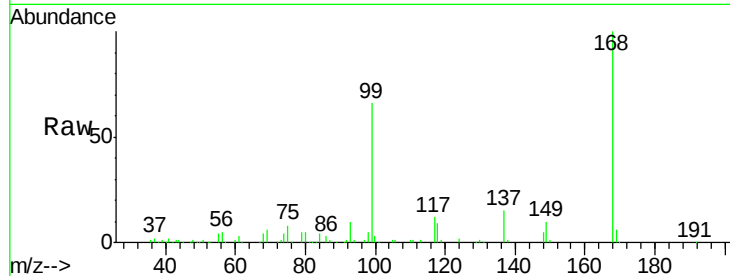
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ratio	Resp	Lower	Upper
168	100	759195		
99	66.1	51.4	77.2	

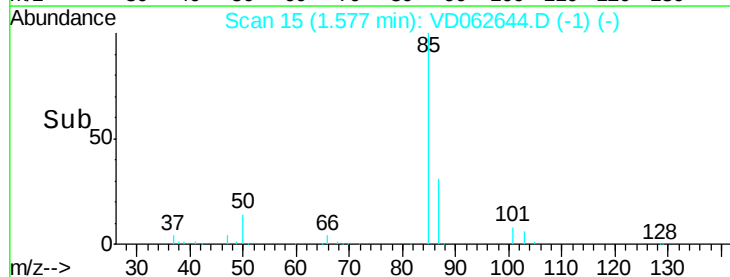
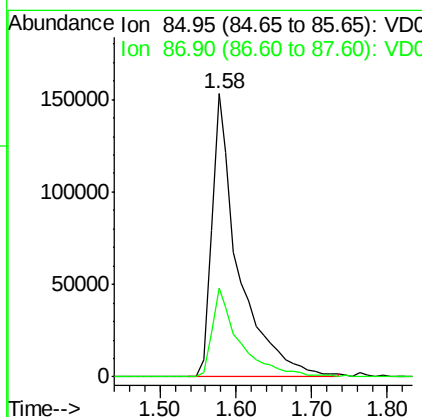
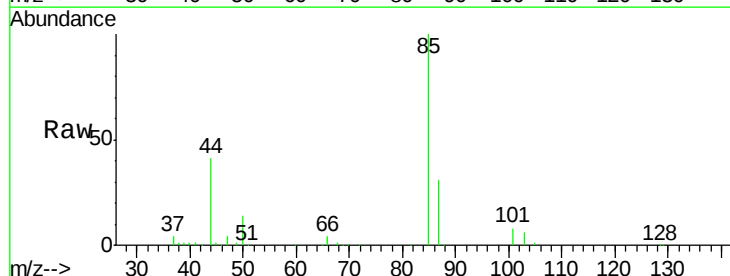
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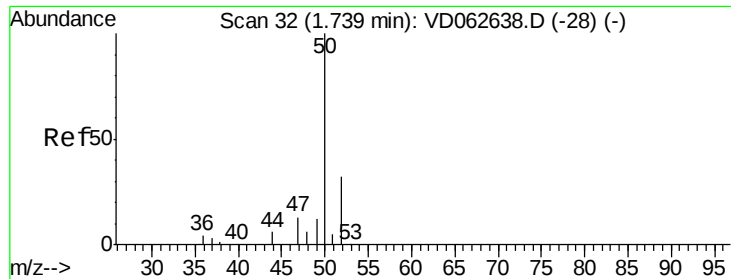
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#2
Dichlorodifluoromethane
Concen: 42.299 ug/l
RT: 1.58 min Scan# 15
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	376843		
87	31.3	16.6	49.7	





#3

Chloromethane

Concen: 43.105 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.02 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion: 50 Resp: 323803

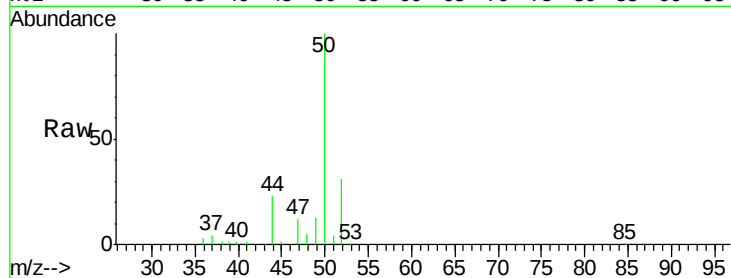
Ion Ratio Lower Upper

50 100

52 30.5 25.8 38.8

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.75

120000

100000

80000

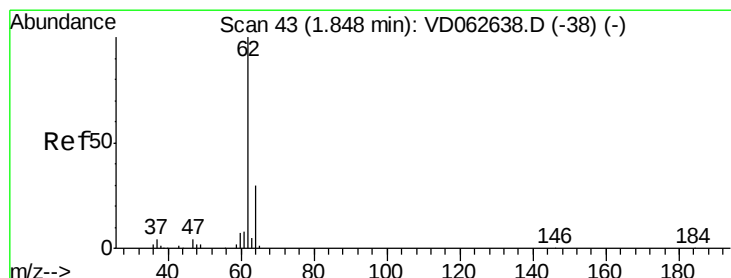
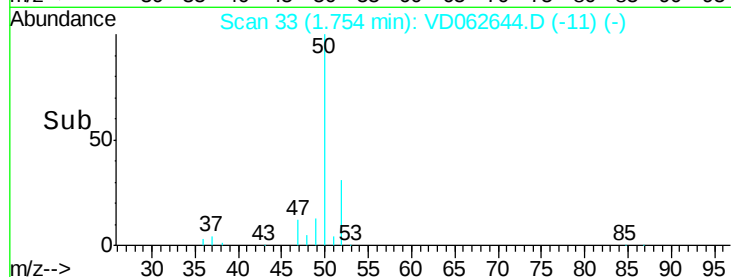
60000

40000

20000

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Time--> 1.60 1.70 1.80 1.90



#4

Vinyl Chloride

Concen: 45.174 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD062644.D

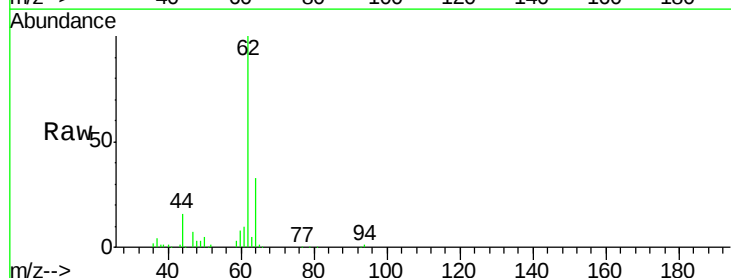
Acq: 7 Jun 2019 17:07

Tgt Ion: 62 Resp: 349925

Ion Ratio Lower Upper

62 100

64 32.8 24.2 36.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.85

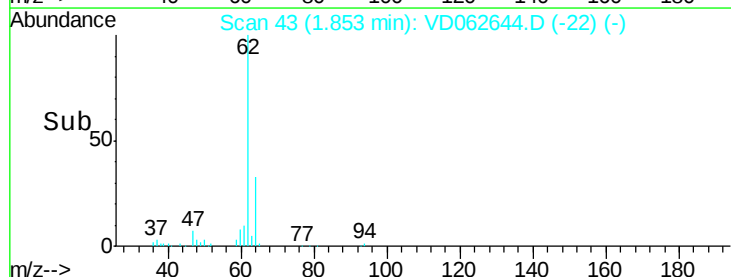
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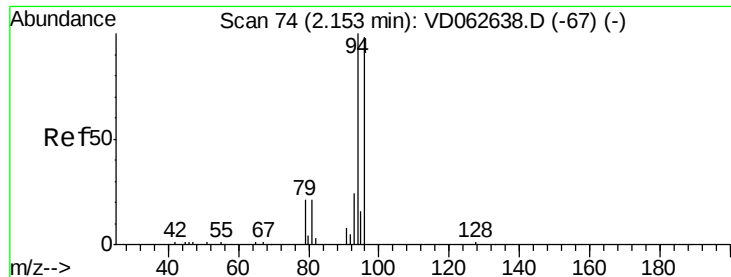
100000

50000

0

Time--> 1.80 1.90 2.00





#5

Bromomethane

Concen: 49.983 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

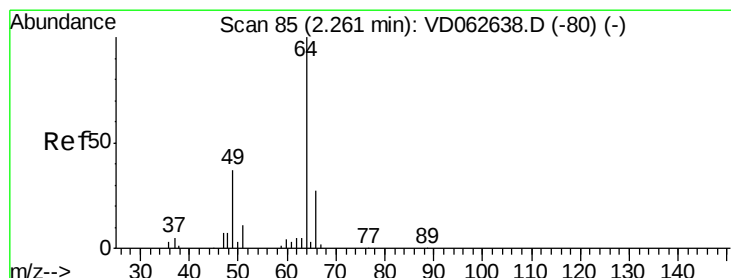
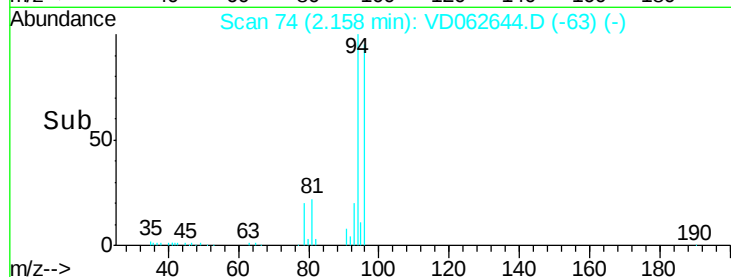
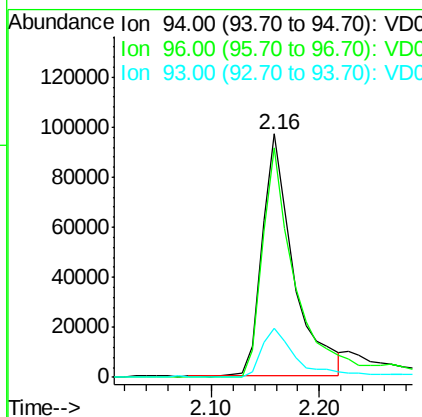
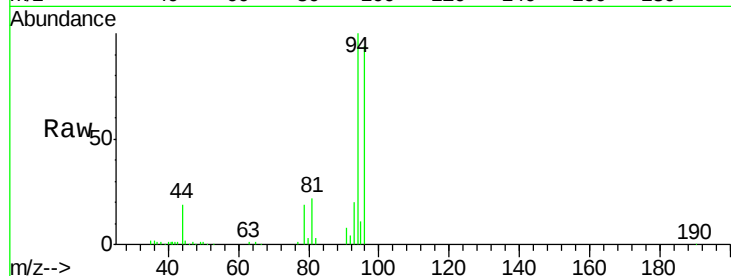
ClientSampleId :

ICVVD060719

Tot Ion:	94	Resp:	195434
Ion	Ratio	Lower	Upper
94	100		
96	94.3	78.1	117.1
93	20.0	19.6	29.4

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#6

Chloroethane

Concen: 48.318 ug/l

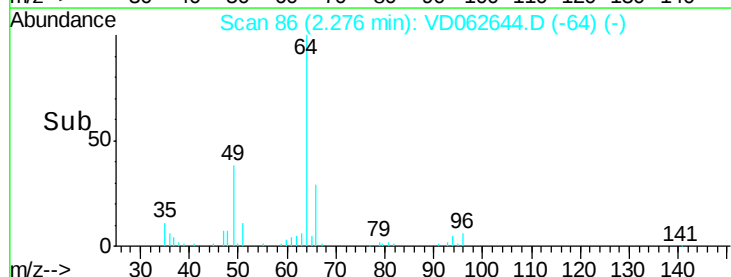
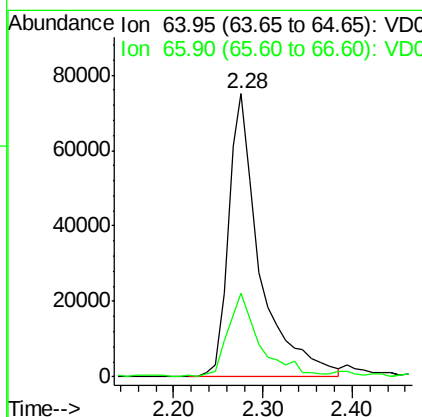
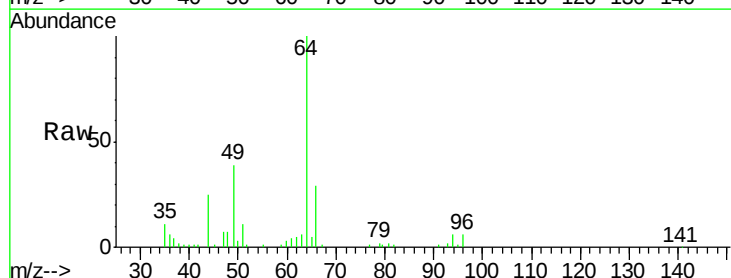
RT: 2.28 min Scan# 86

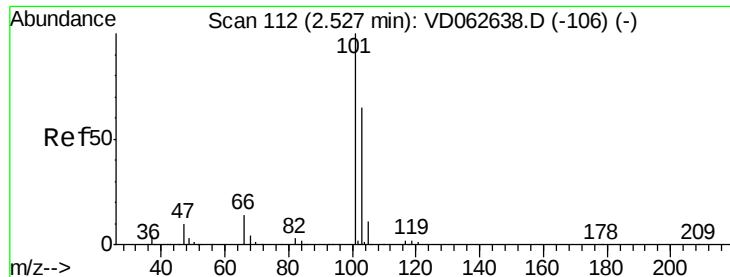
Delta R.T. 0.02 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion:	64	Resp:	184785
Ion	Ratio	Lower	Upper
64	100		
66	29.4	21.9	32.9





#7

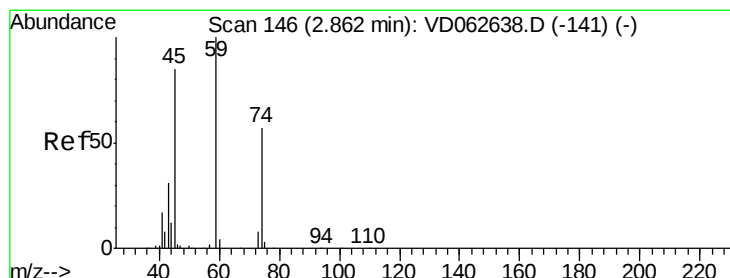
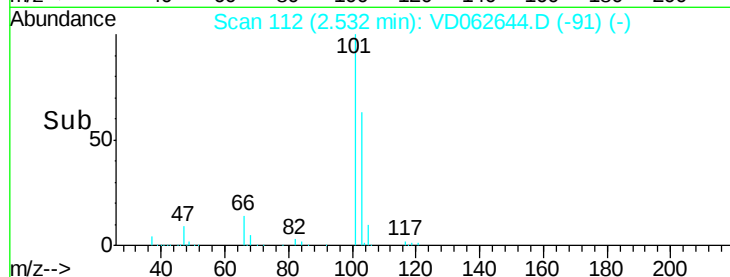
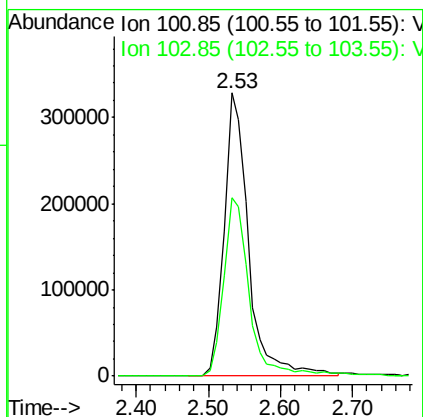
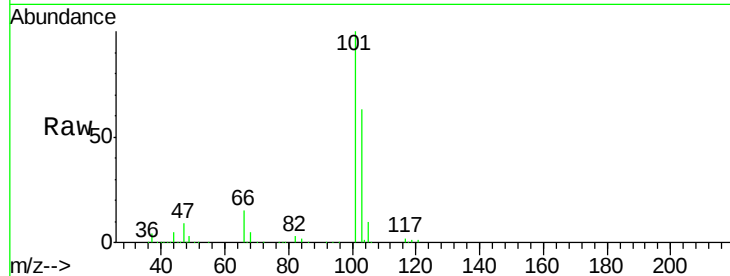
Trichlorofluoromethane
Concen: 44.448 ug/l
RT: 2.53 min Scan# 112
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.2	78.2

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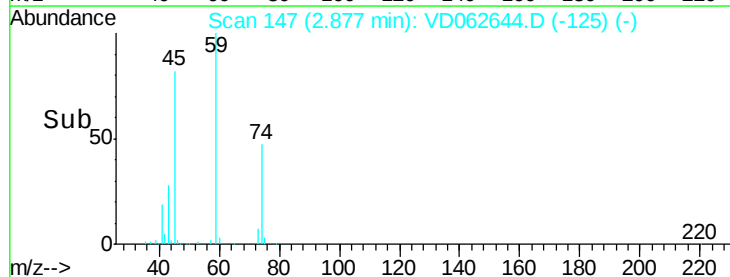
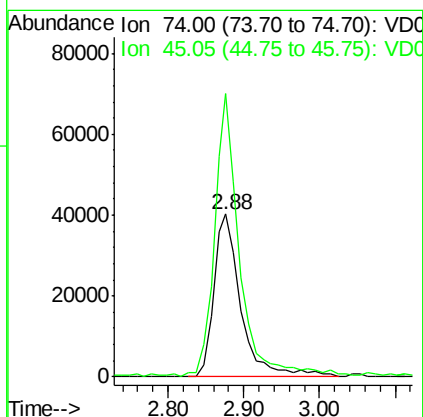
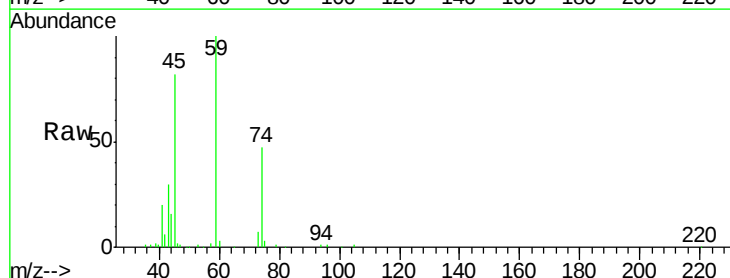
MMDadoda
6/11/2019 2:17:26 AM

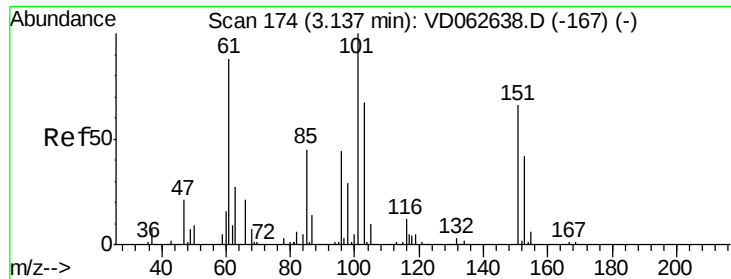


#8

Diethyl Ether
Concen: 42.576 ug/l
RT: 2.88 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	173.9	74.9	224.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.071 ug/l

RT: 3.15 min Scan# 175

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

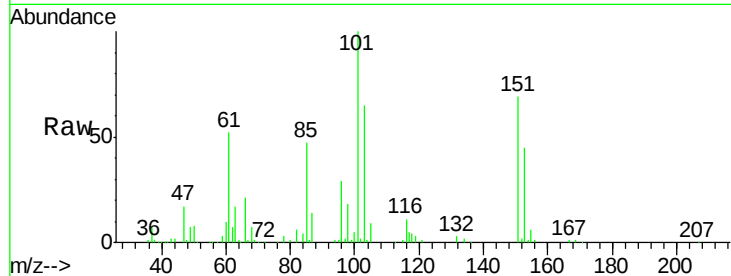
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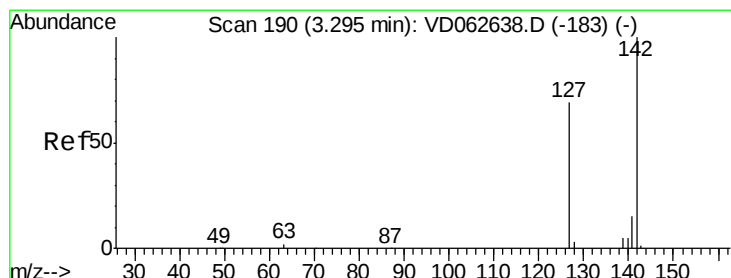
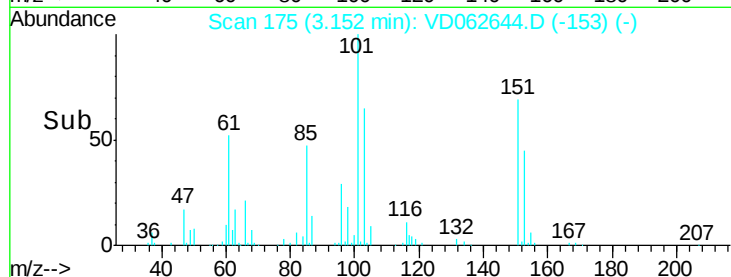
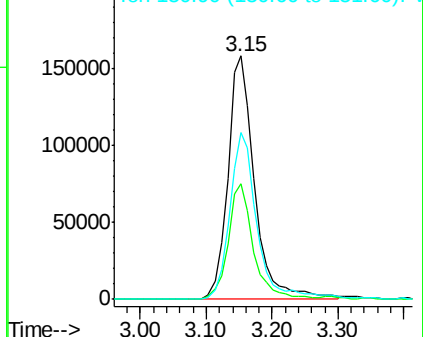
Tot Ion:	101	Resp:	449487
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.0	54.0
151	68.5	52.6	79.0

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Abundance Ion 100.85 (100.55 to 101.55): V
Ion 84.95 (84.65 to 85.65): V
Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 43.816 ug/l

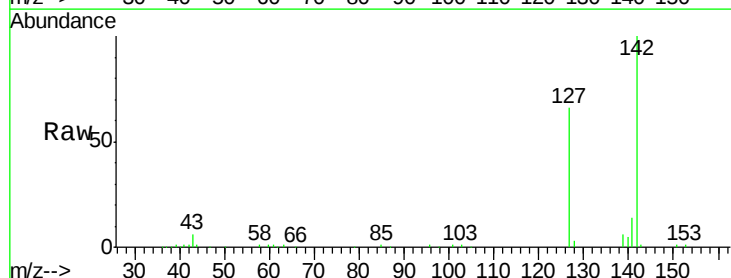
RT: 3.31 min Scan# 191

Delta R.T. 0.02 min

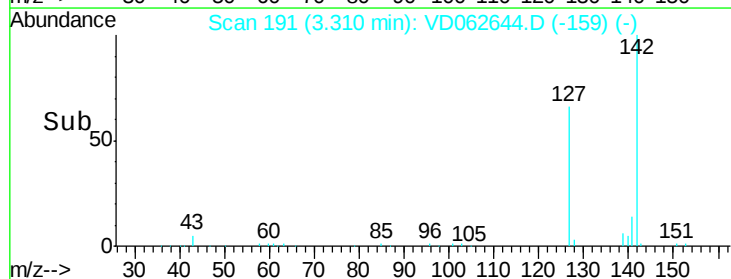
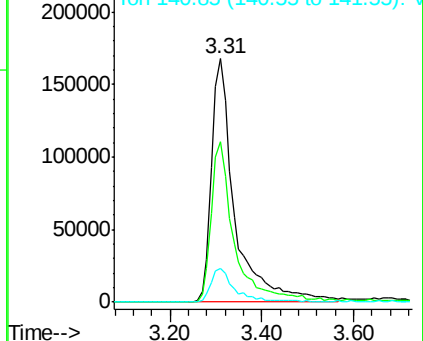
Lab File: VD062644.D

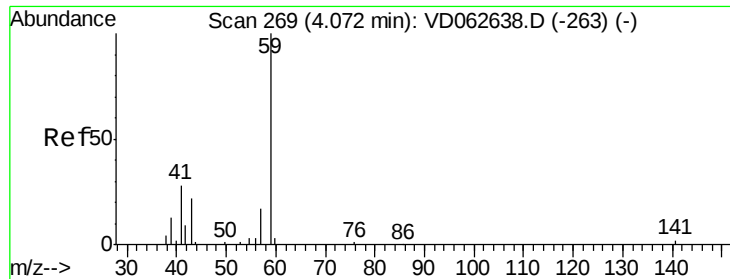
Acq: 7 Jun 2019 17:07

Tgt Ion:	142	Resp:	587417
Ion Ratio	Lower	Upper	
142	100		
127	65.8	55.2	82.8
141	14.0	12.1	18.1



Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V





#11

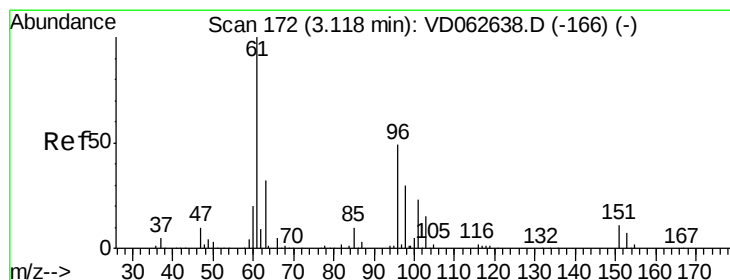
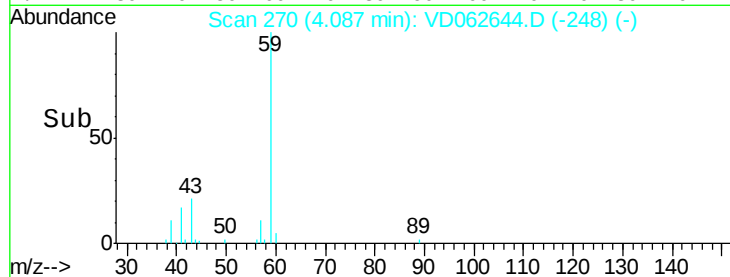
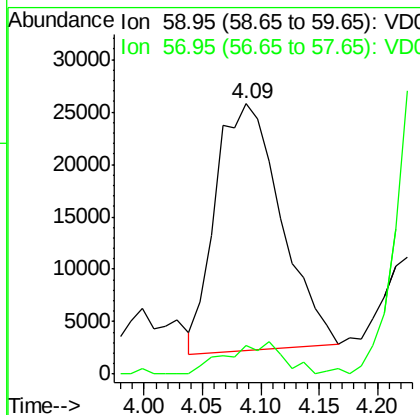
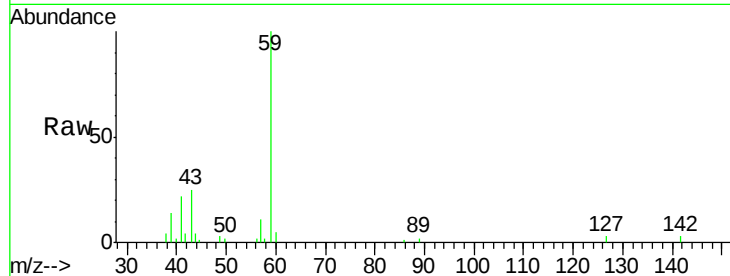
Tert butyl alcohol
 Concen: 203.715 ug/l
 RT: 4.09 min Scan# 270
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion: 59 Resp: 91735
 Ion Ratio Lower Upper
 59 100
 57 10.6 13.7 20.5#

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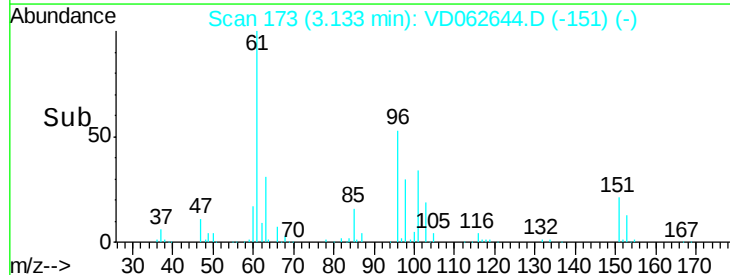
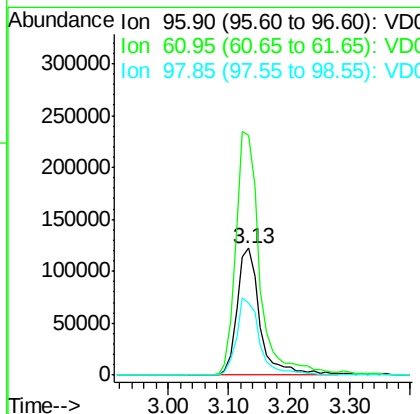
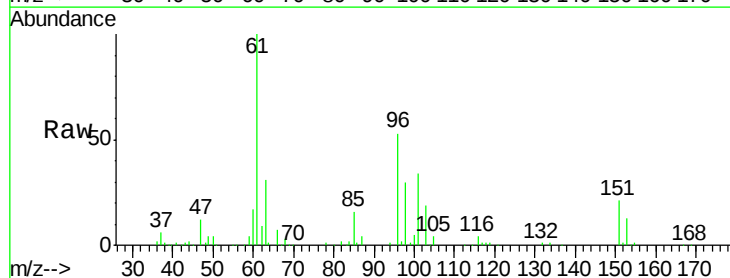
MMDadoda
 6/11/2019 2:17:26 AM

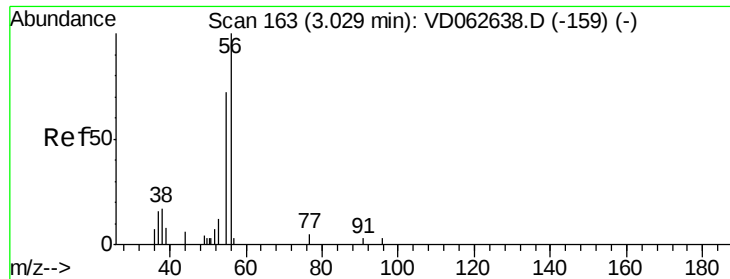


#12

1,1-Dichloroethene
 Concen: 48.281 ug/l
 RT: 3.13 min Scan# 173
 Delta R.T. 0.02 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion: 96 Resp: 323978
 Ion Ratio Lower Upper
 96 100
 61 189.0 161.8 242.8
 98 57.2 48.2 72.4





#13

Acrolein

Concen: 232.708 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tot Ion: 56 Resp: 33708

Ion Ratio Lower Upper

56 100

55 70.8 59.4 89.0

Instrument :

MSVOA_D

ClientSampled :

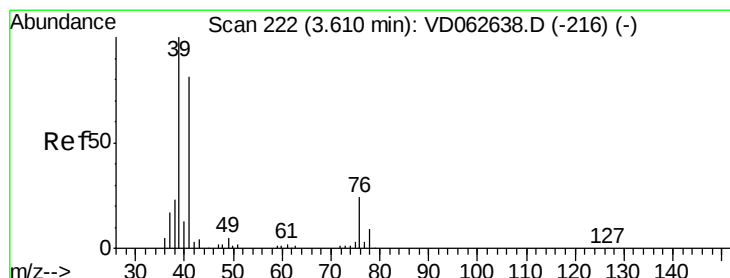
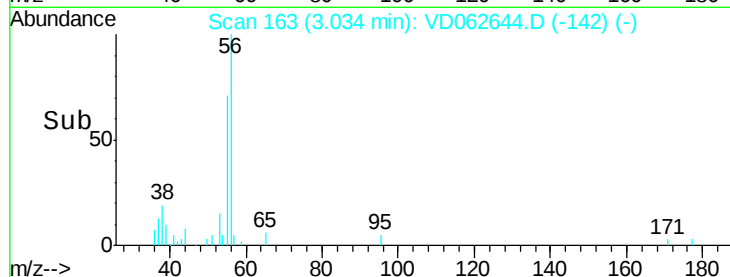
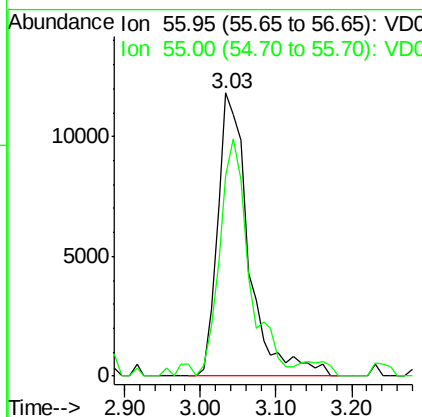
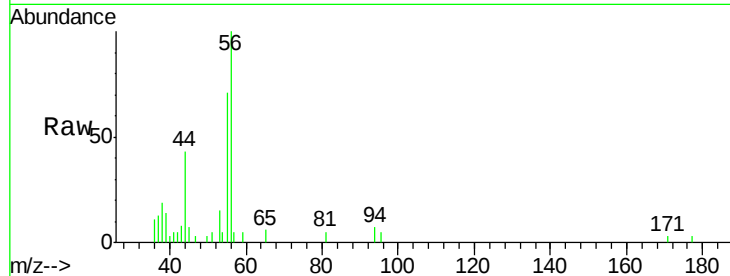
ICVVD060719

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#14

Allyl chloride

Concen: 49.738 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

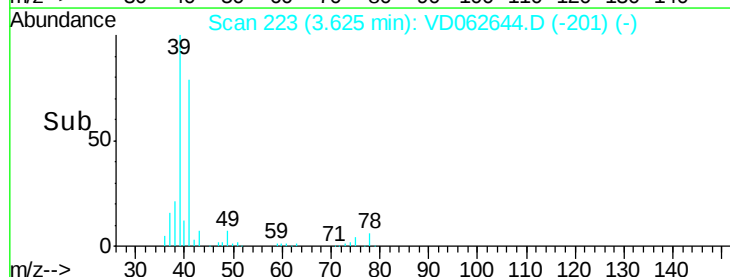
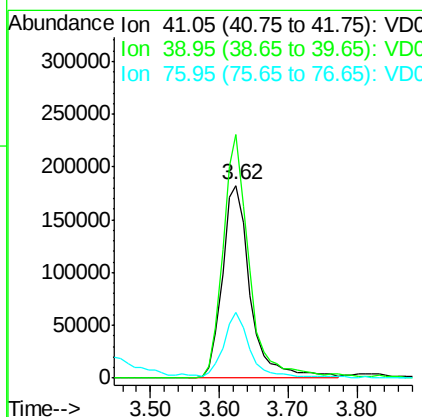
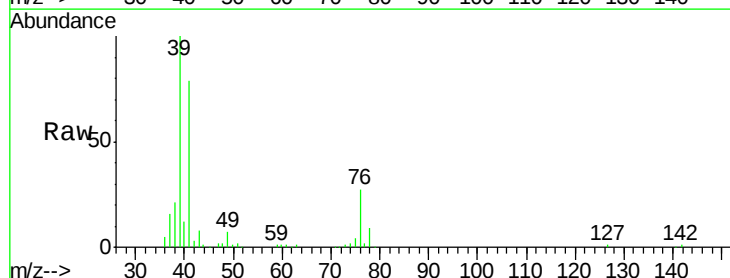
Tgt Ion: 41 Resp: 513174

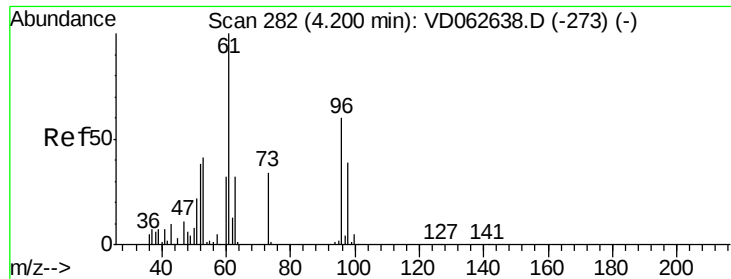
Ion Ratio Lower Upper

41 100

39 126.2 99.1 148.7

76 34.1 25.0 37.6





#15

Acrylonitrile

Concen: 249.366 ug/l

RT: 4.21 min Scan# 282

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

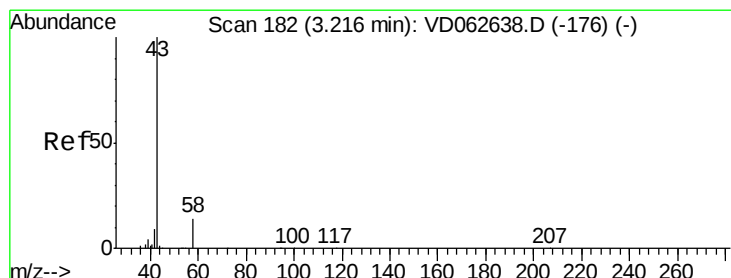
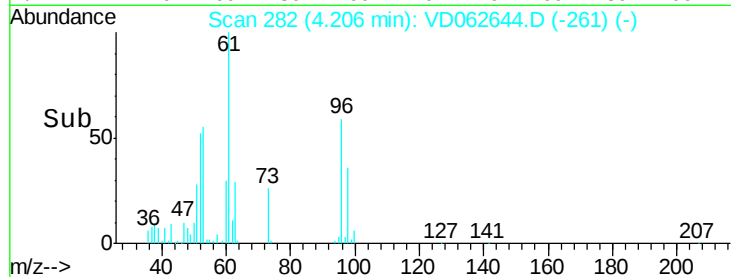
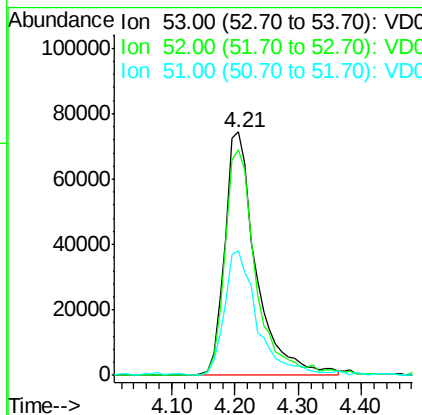
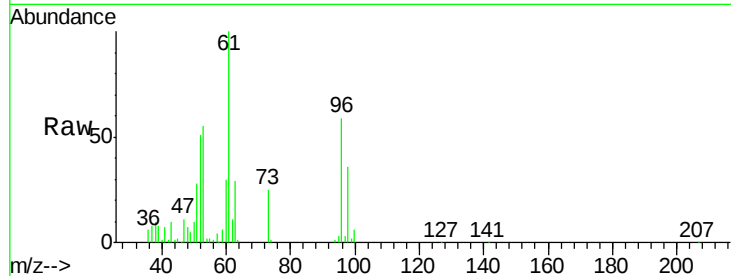
ClientSampleId :

ICVVD060719

Tot Ion:	53	Resp:	255174
Ion	Ratio	Lower	Upper
53	100		
52	92.7	73.6	110.4
51	51.0	42.0	63.0

Manual Integrations
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#16

Acetone

Concen: 253.038 ug/l

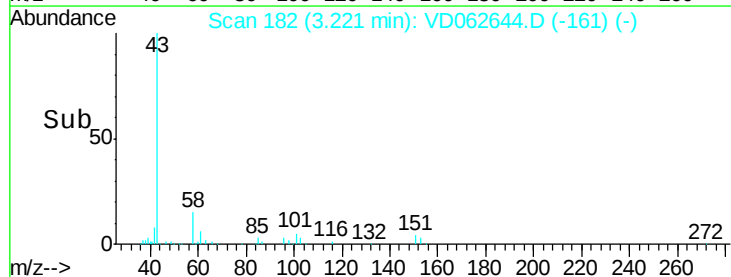
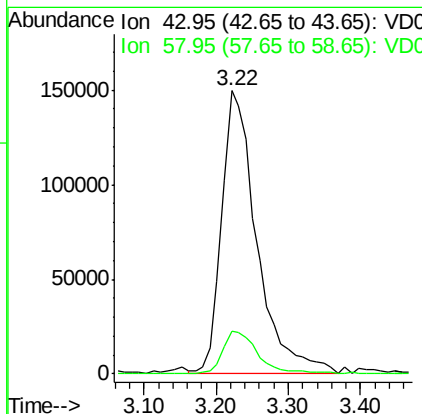
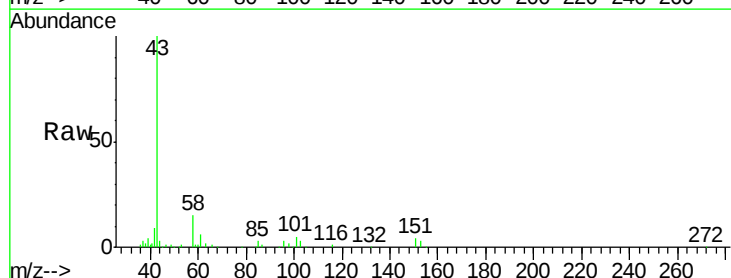
RT: 3.22 min Scan# 182

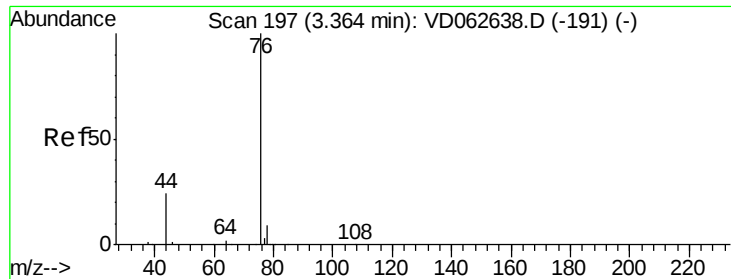
Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion:	43	Resp:	507609
Ion	Ratio	Lower	Upper
43	100		
58	15.1	10.8	16.2





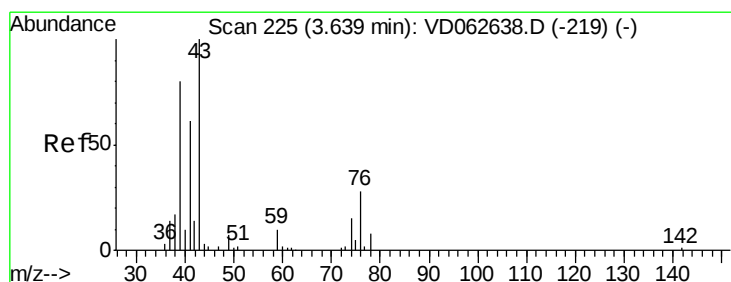
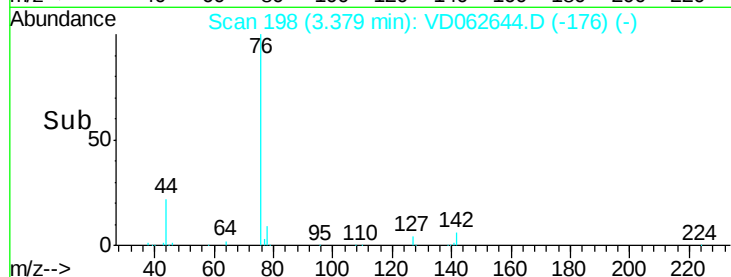
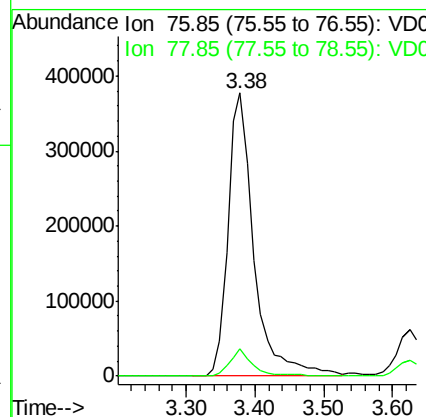
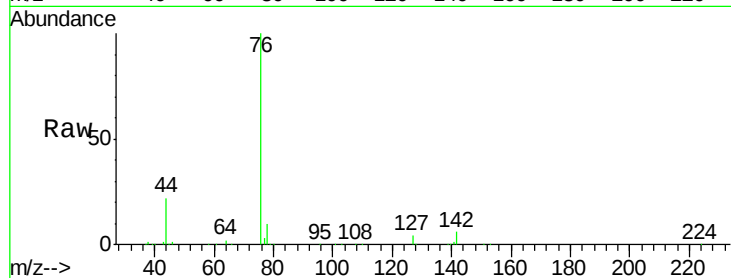
#17
Carbon Disulfide
Concen: 49.444 ug/l
RT: 3.38 min Scan# 198
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion: 76 Resp: 977700
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4

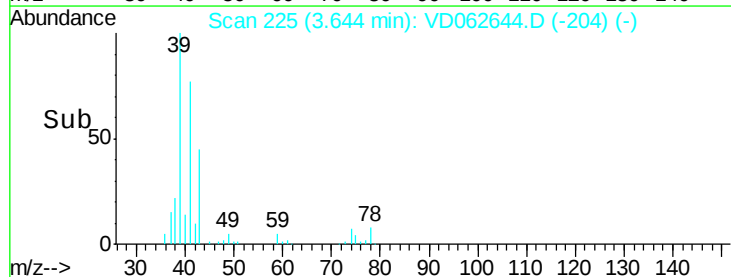
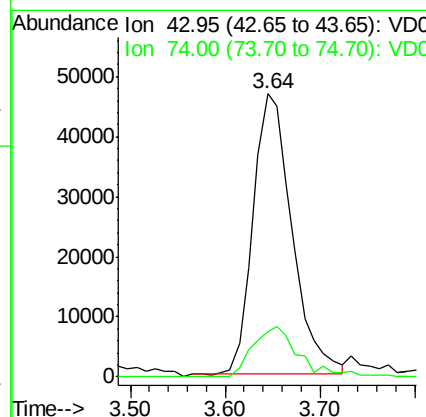
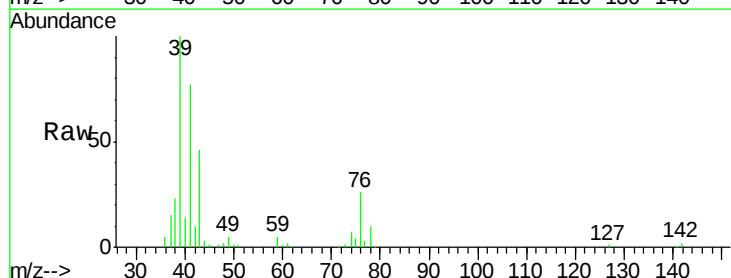
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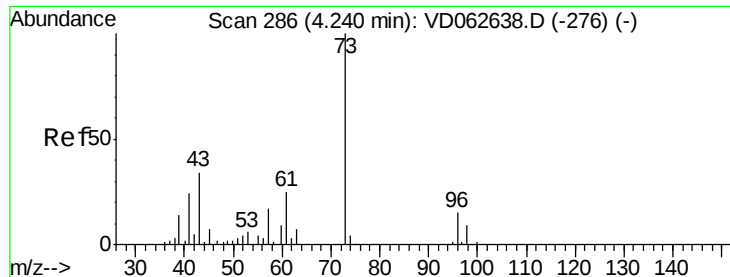
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#18
Methyl Acetate
Concen: 40.487 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion: 43 Resp: 133476
Ion Ratio Lower Upper
43 100
74 16.1 12.1 18.1





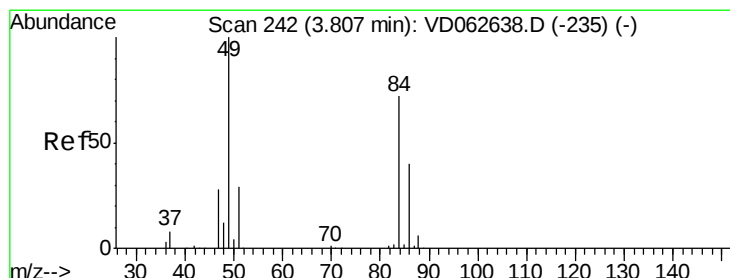
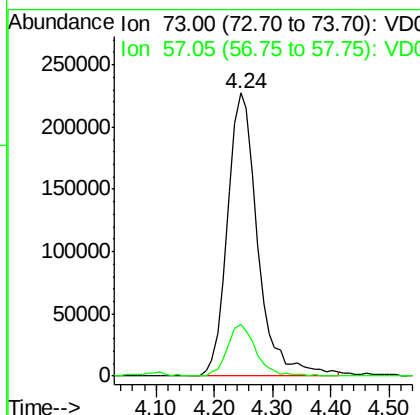
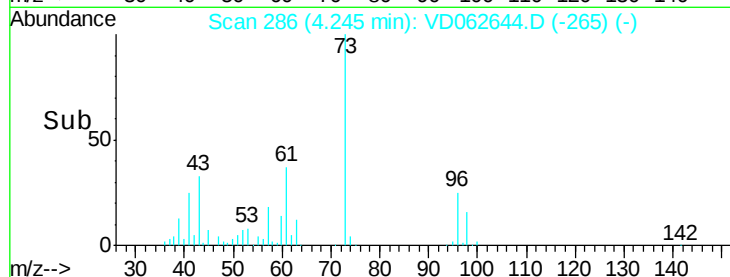
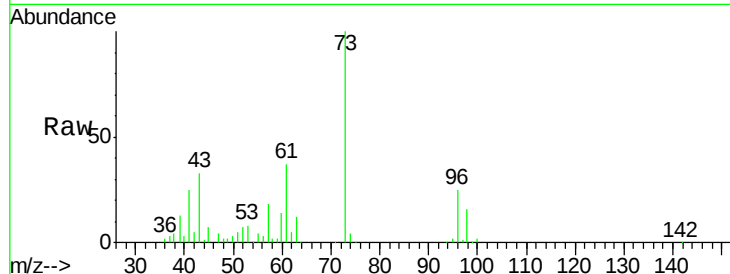
#19
Methyl tert-butyl Ether
Concen: 50.256 ug/l
RT: 4.24 min Scan# 286
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion: 73 Resp: 822477
Ion Ratio Lower Upper
73 100
57 18.5 13.5 20.3

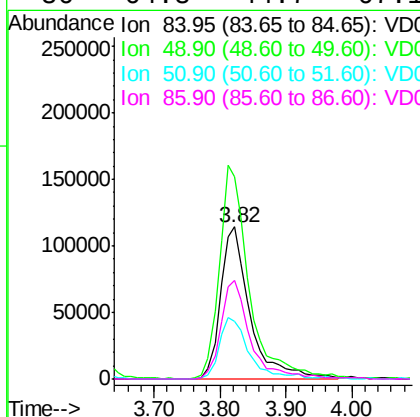
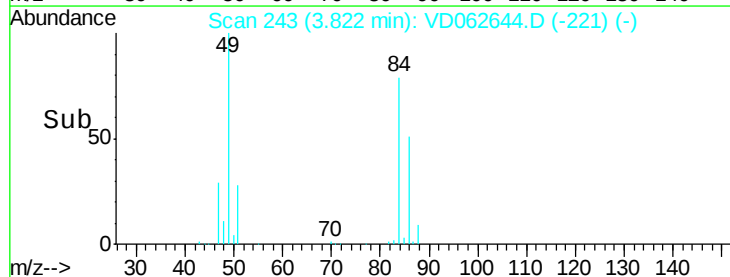
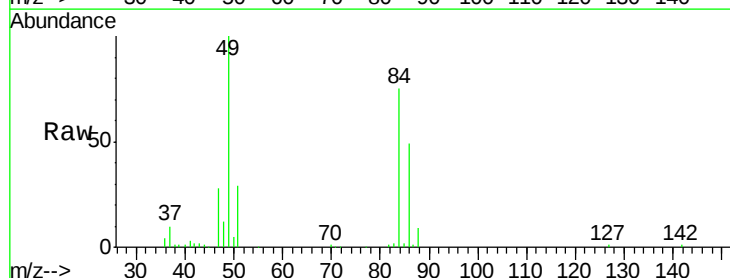
Manual Integrations
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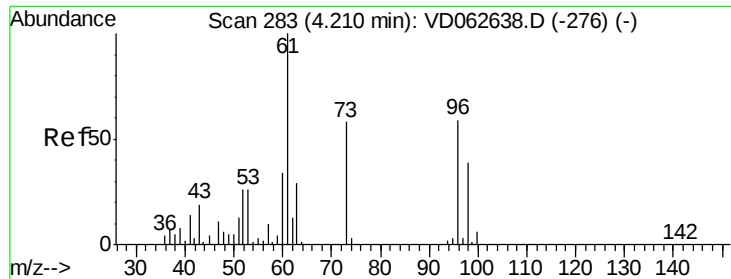
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#20
Methylene Chloride
Concen: 46.684 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion: 84 Resp: 354059
Ion Ratio Lower Upper
84 100
49 133.0 111.2 166.8
51 37.9 31.9 47.9
86 64.8 44.7 67.1





#21

trans-1,2-Dichloroethene

Concen: 49.195 ug/l

RT: 4.23 min Scan# 284

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion: 96 Resp: 362102

Ion Ratio Lower Upper

96 100

61 164.4 134.6 201.8

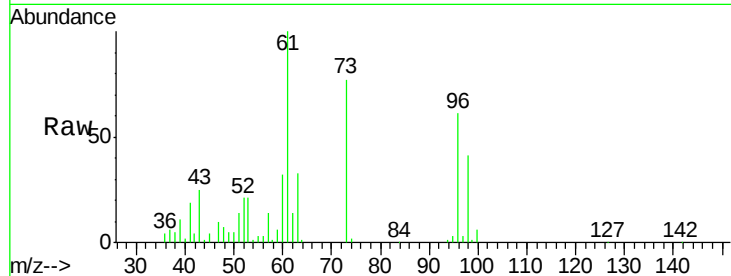
98 67.8 51.8 77.8

Manual Integrations

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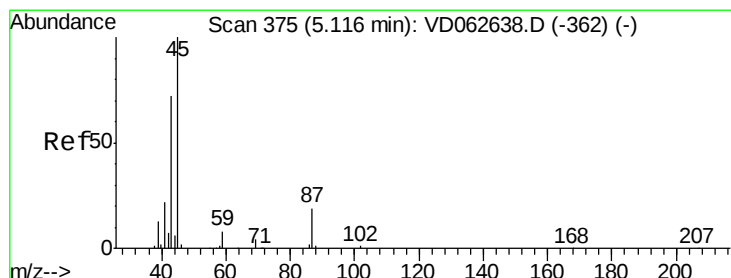
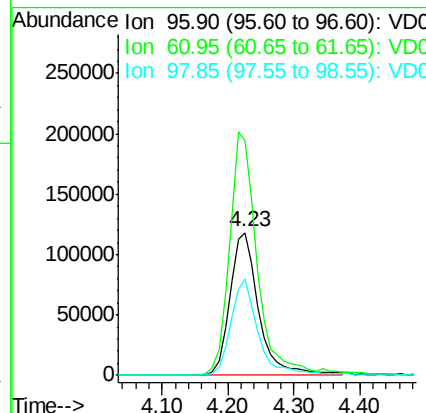
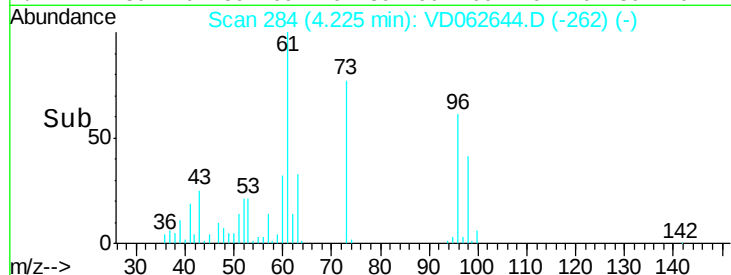
6/11/2019 2:17:26 AM



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: 50.955 ug/l

RT: 5.13 min Scan# 376

Delta R.T. 0.02 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion: 45 Resp: 1091642

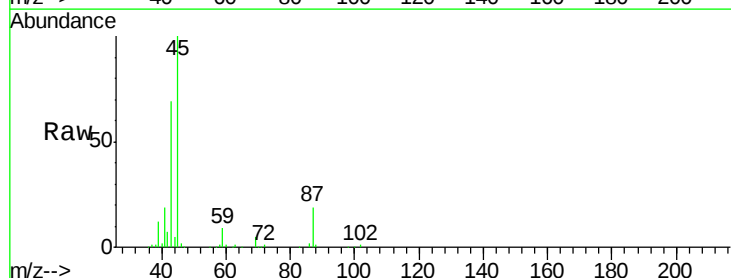
Ion Ratio Lower Upper

45 100

43 69.4 58.8 88.2

87 18.6 15.7 23.5

59 9.2 6.6 9.8

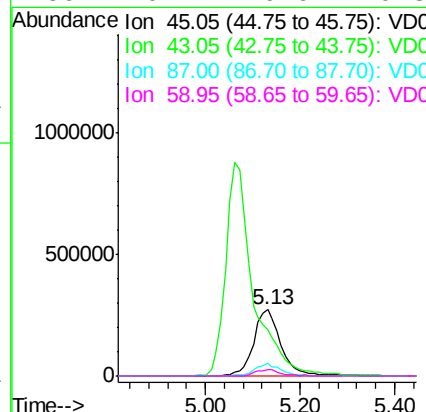
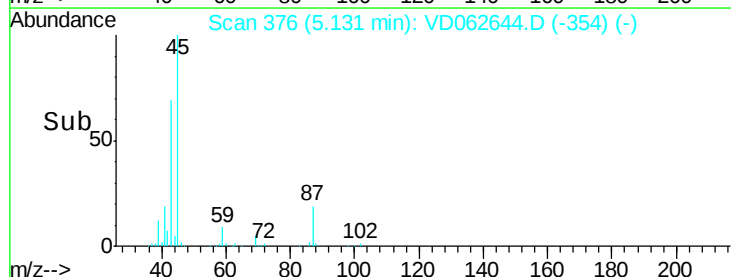


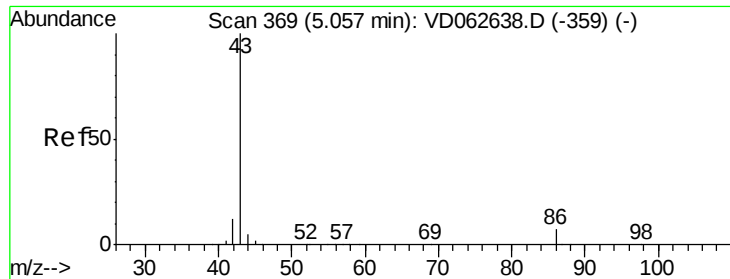
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 262.841 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion: 43 Resp: 3493356

Ion Ratio Lower Upper

43 100

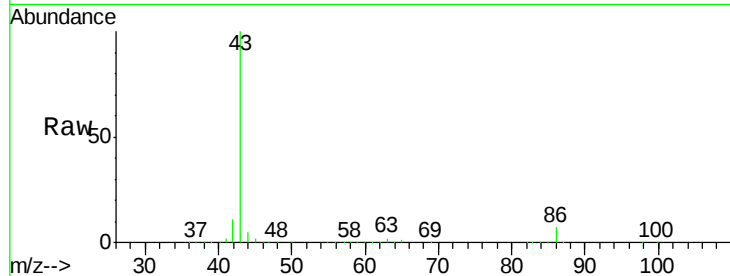
86 6.6 5.3 7.9

Manual Integrations

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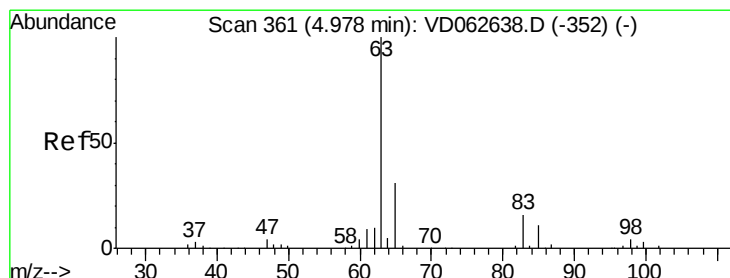
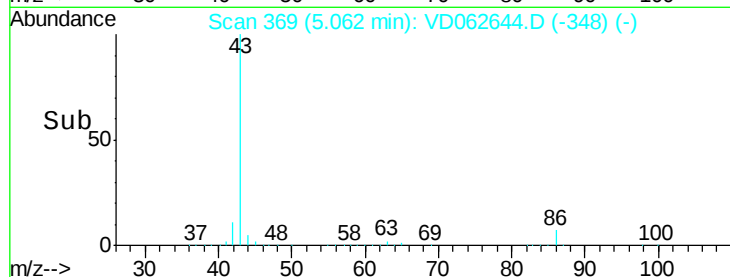
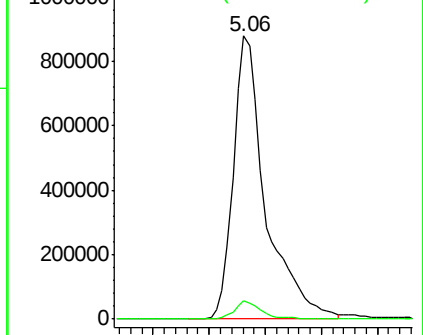
MMDadoda

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.083 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.02 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

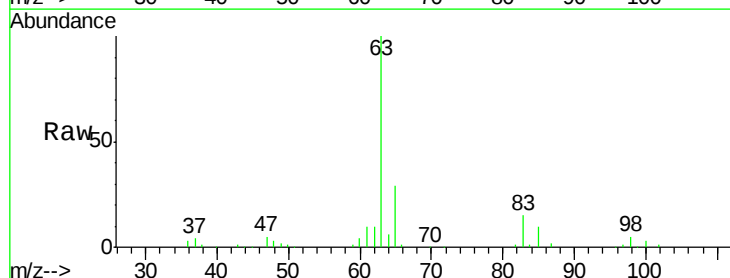
Tgt Ion: 63 Resp: 690250

Ion Ratio Lower Upper

63 100

98 4.6 1.8 5.4

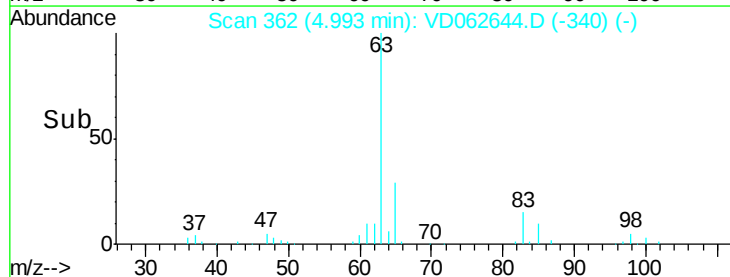
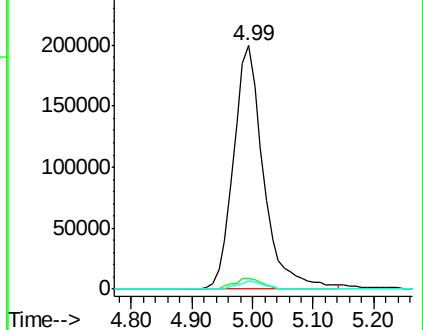
100 3.4 1.5 4.4

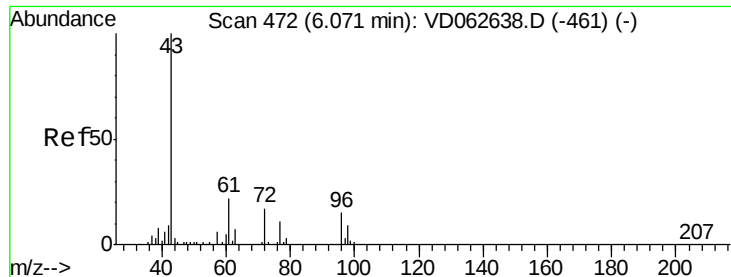


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 252.584 ug/l

RT: 6.08 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion: 43 Resp: 494327

Ion Ratio Lower Upper

43 100

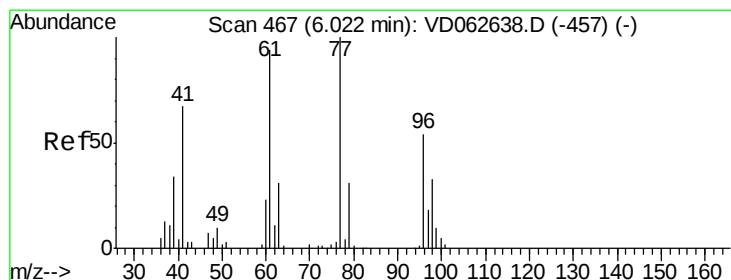
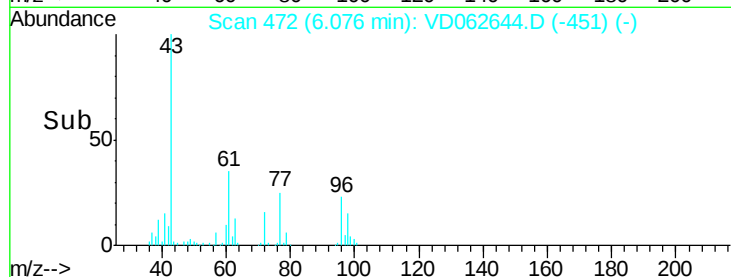
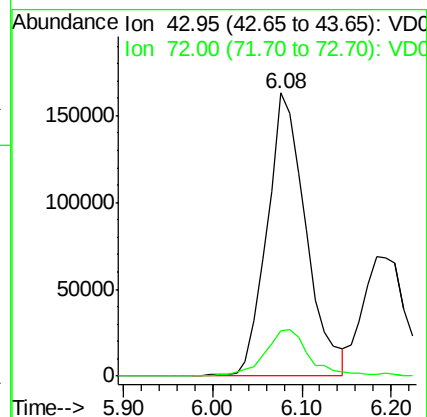
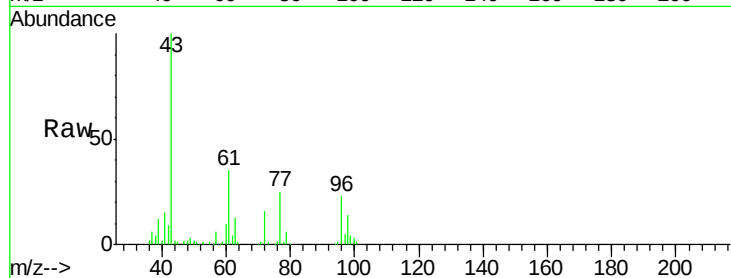
72 16.2 13.5 20.3

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#26

2,2-Dichloropropane

Concen: 47.896 ug/l

RT: 6.04 min Scan# 468

Delta R.T. 0.02 min

Lab File: VD062644.D

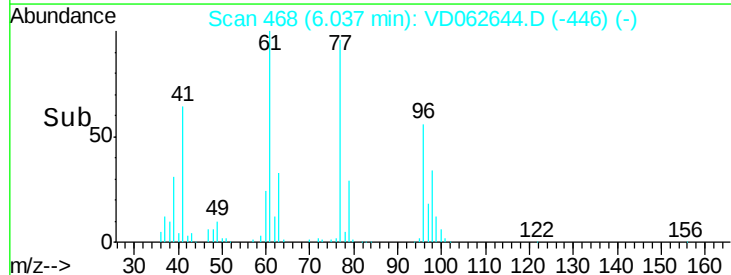
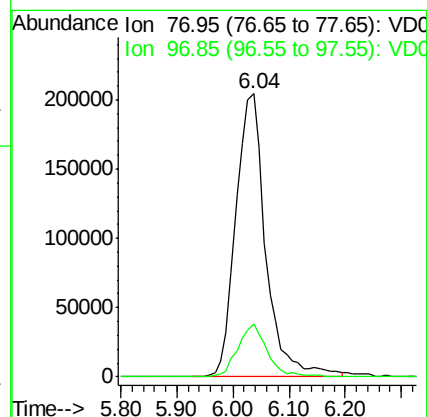
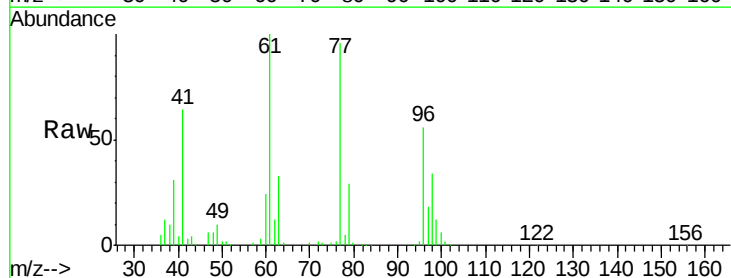
Acq: 7 Jun 2019 17:07

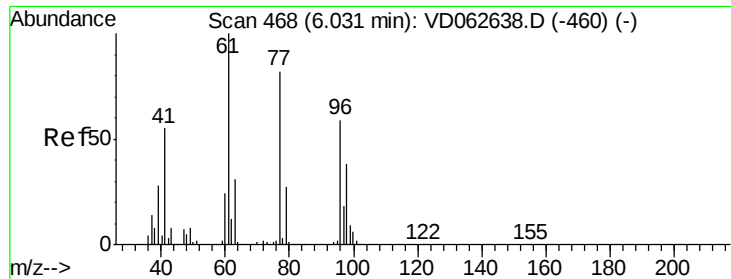
Tgt Ion: 77 Resp: 760786

Ion Ratio Lower Upper

77 100

97 18.9 8.8 26.5





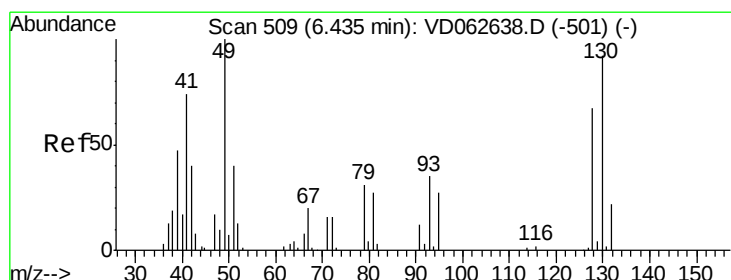
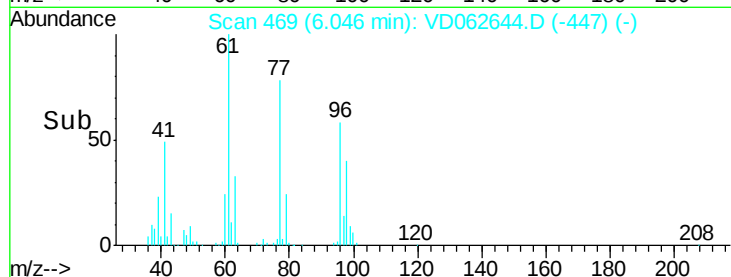
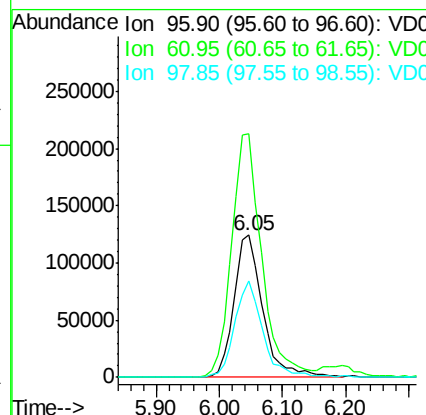
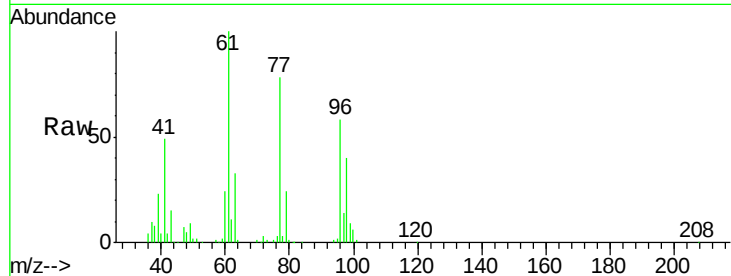
#27
 cis-1,2-Dichloroethene
 Concen: 49.178 ug/l
 RT: 6.05 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	171.0	0.0	340.0	
98	68.2	0.0	127.6	

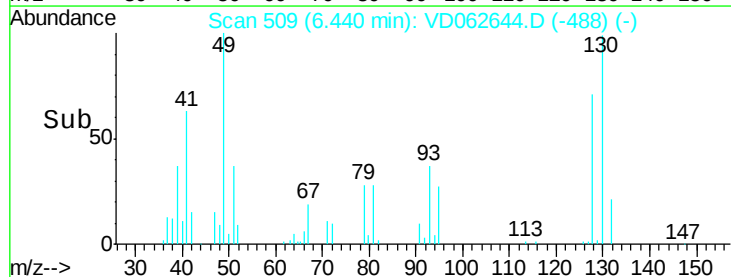
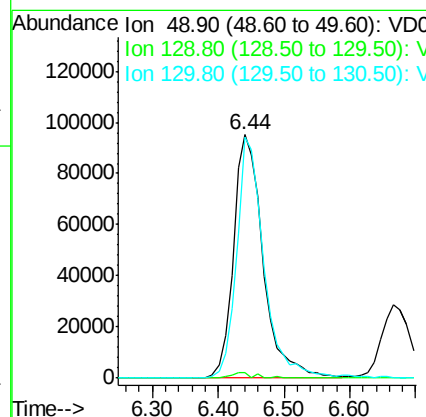
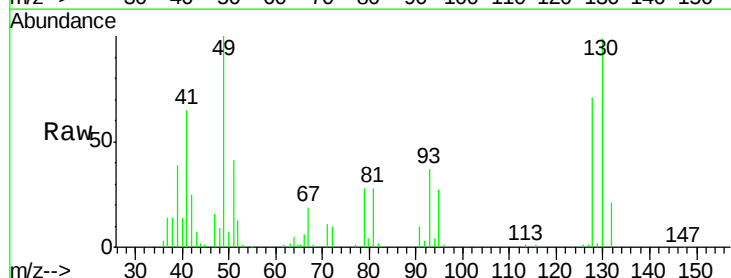
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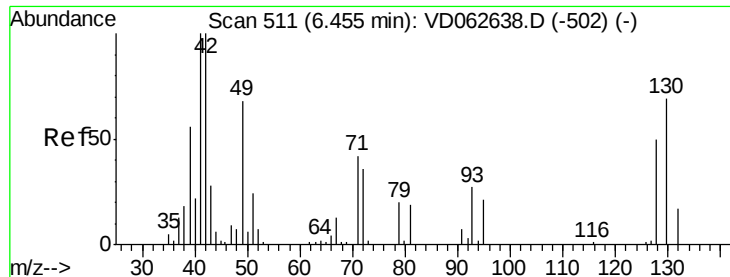
MMDadoda
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#28
 Bromochloromethane
 Concen: 56.999 ug/l
 RT: 6.44 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	8.2	
130	99.2	73.4	110.0	





#29

Tetrahydrofuran

Concen: 242.888 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

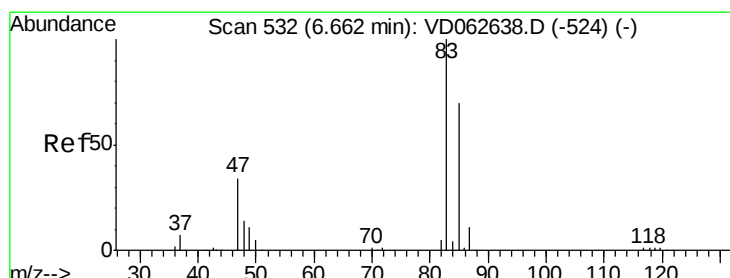
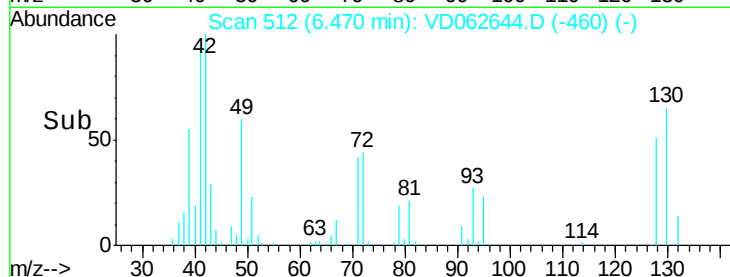
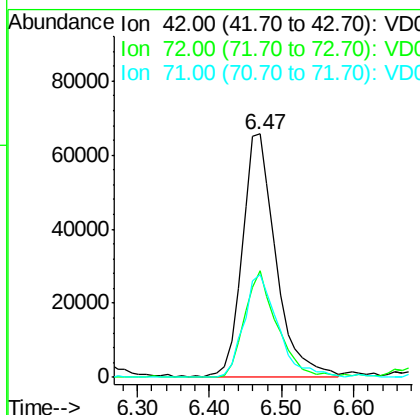
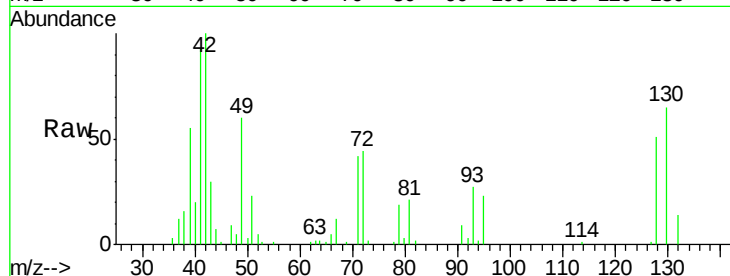
ClientSampleId :

ICVVD060719

Tot Ion:	42	Resp:	214065
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.8	50.6
71	43.1	34.2	51.4

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#30

Chloroform

Concen: 49.622 ug/l

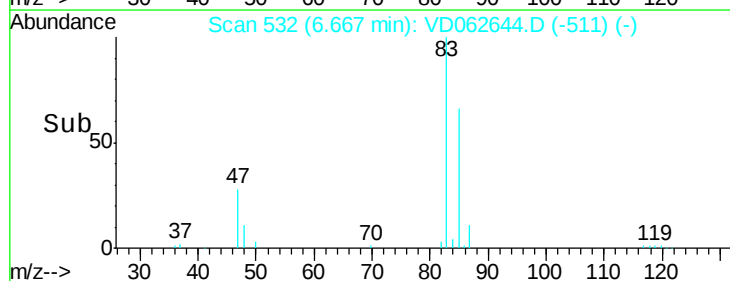
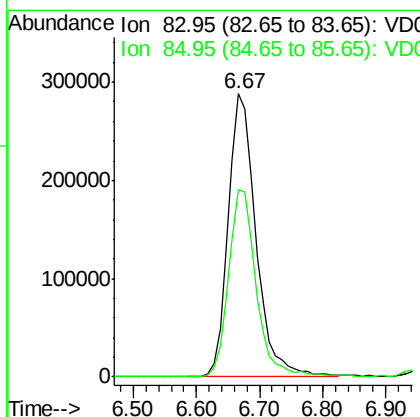
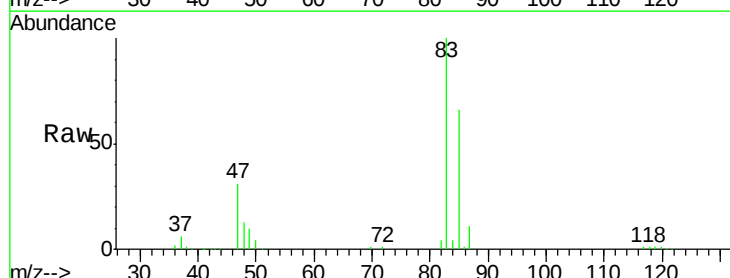
RT: 6.67 min Scan# 532

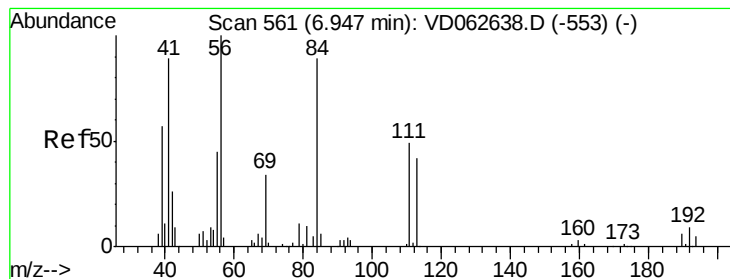
Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion:	83	Resp:	877450
Ion	Ratio	Lower	Upper
83	100		
85	66.2	55.8	83.6





#31

Cyclohexane

Concen: 50.255 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.02 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

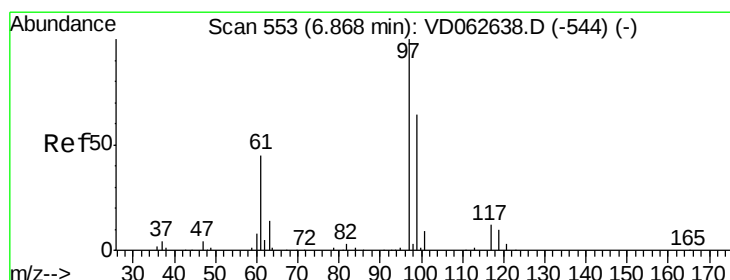
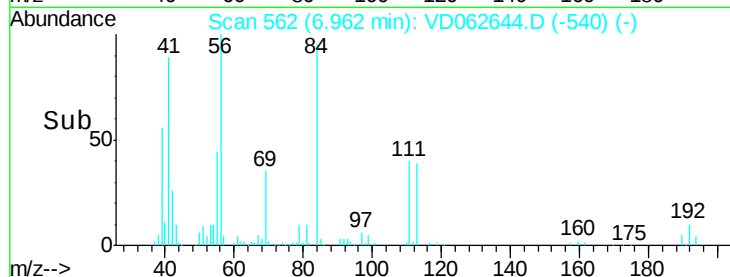
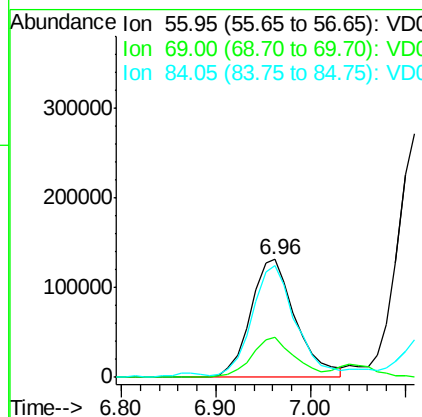
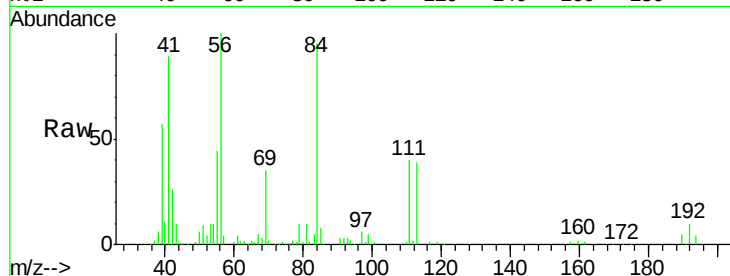
ClientSampleId :

ICVVD060719

Tot Ion:	56	Resp:	434473
Ion	Ratio	Lower	Upper
56	100		
69	34.6	26.8	40.2
84	95.1	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 51.409 ug/l

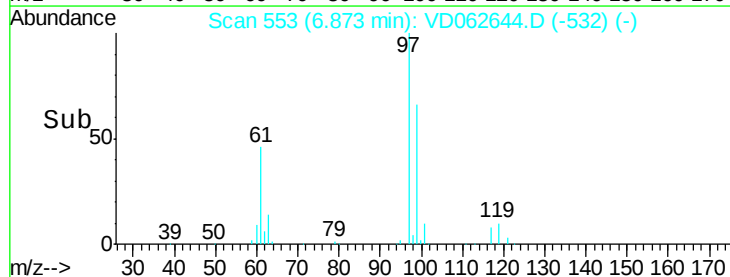
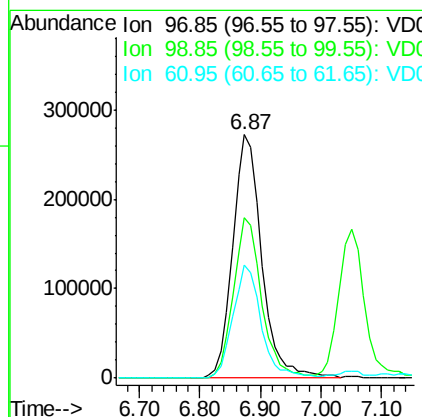
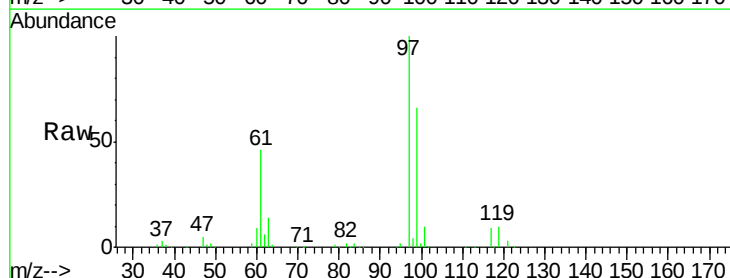
RT: 6.87 min Scan# 553

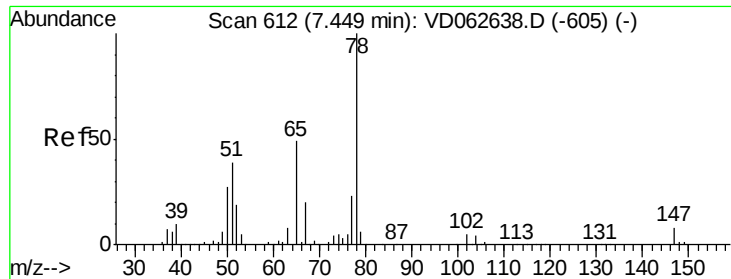
Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion:	97	Resp:	904546
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.4	77.0
61	46.3	35.6	53.4





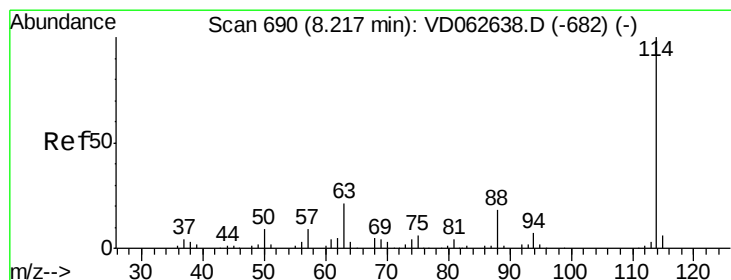
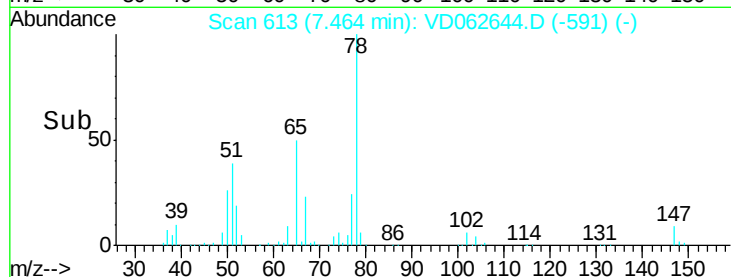
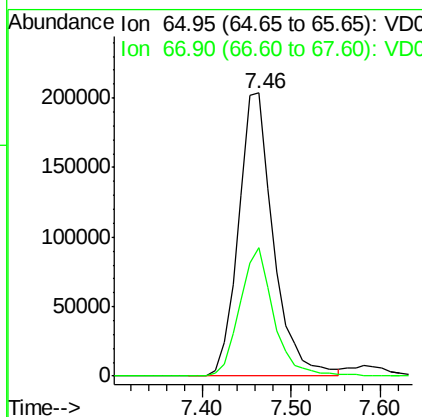
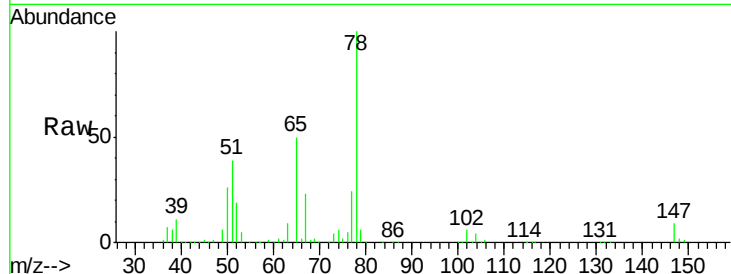
#33
 1,2-Dichloroethane-d4
 Concen: 50.550 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.02 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	81.8

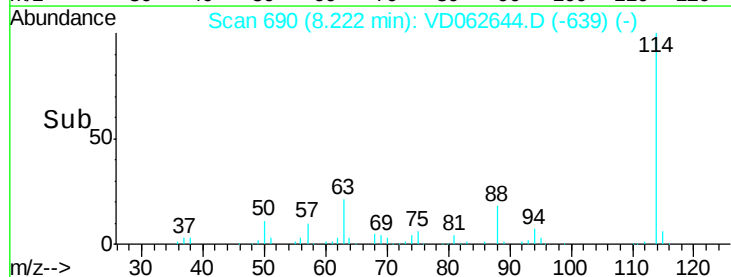
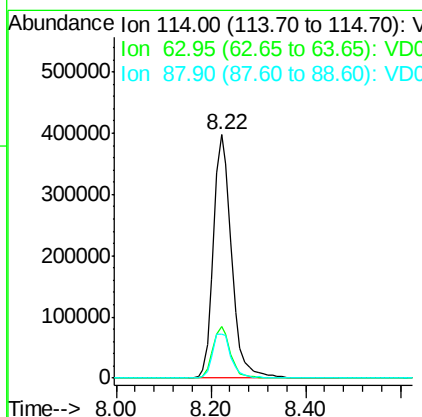
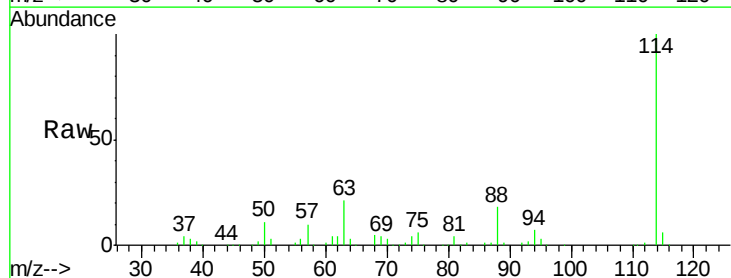
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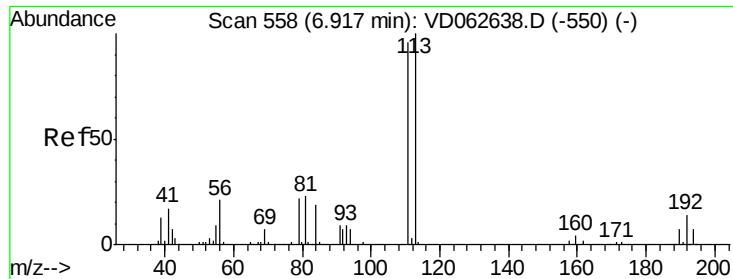
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.4
88	18.0	0.0	36.8





#35

Dibromofluoromethane

Concen: 50.684 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

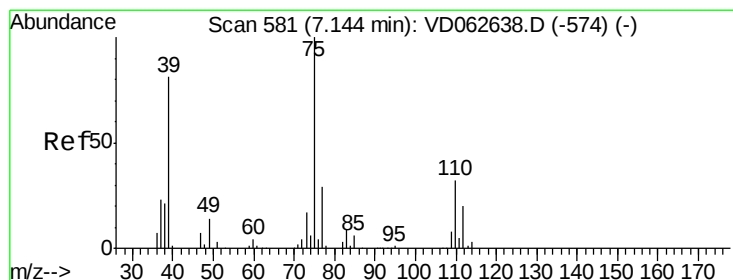
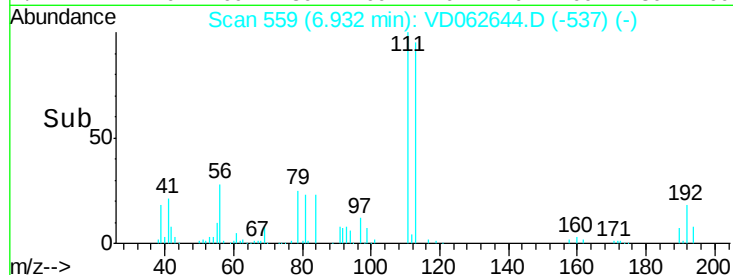
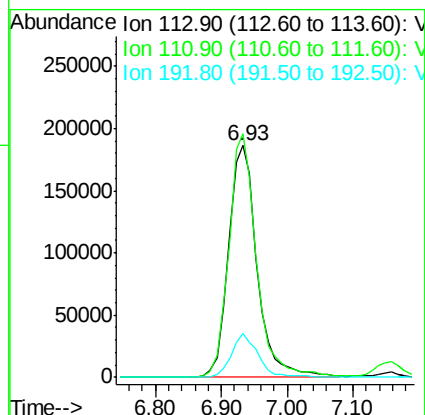
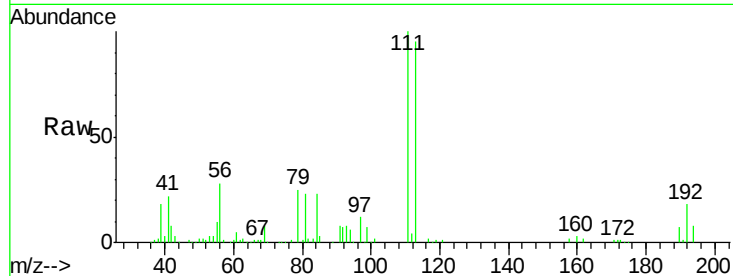
ClientSampleId :

ICVVD060719

Tot Ion:	113	Resp:	565010
Ion Ratio	Lower	Upper	
113	100		
111	105.1	76.4	114.6
192	18.8	11.4	17.0#

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#36

1,1-Dichloropropene

Concen: 48.766 ug/l

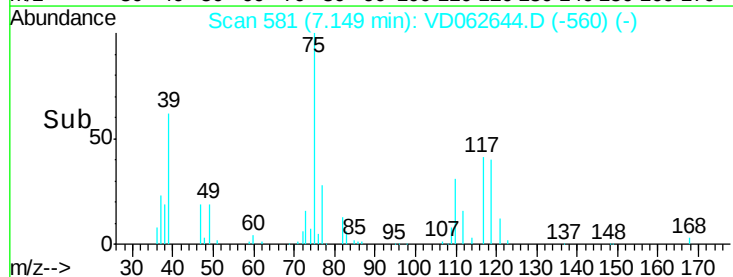
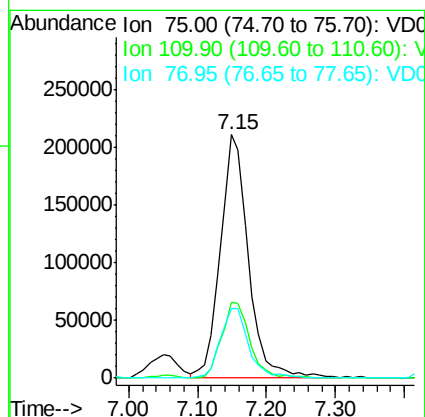
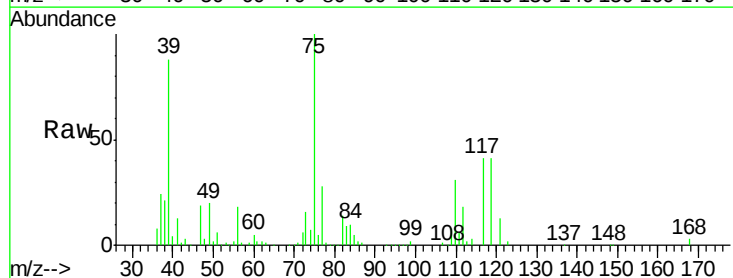
RT: 7.15 min Scan# 581

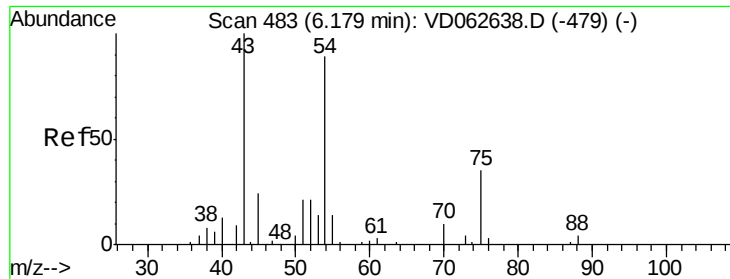
Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion:	75	Resp:	589955
Ion Ratio	Lower	Upper	
75	100		
110	31.1	15.9	47.7
77	28.3	23.3	34.9





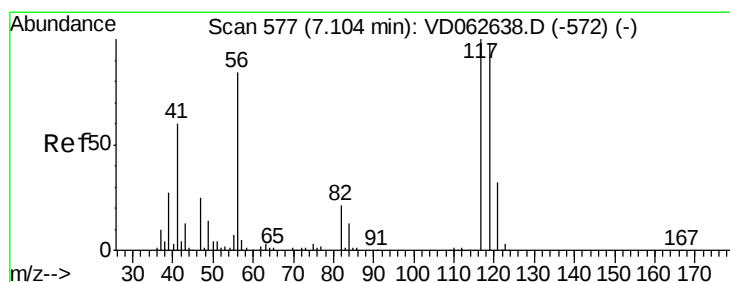
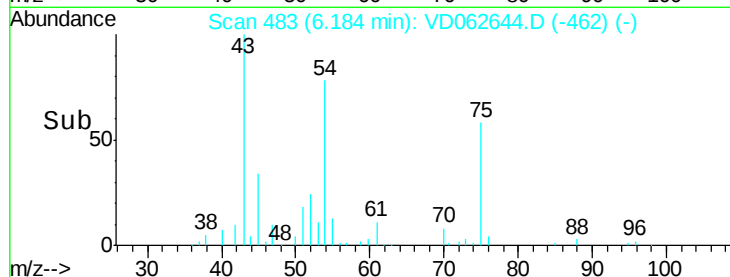
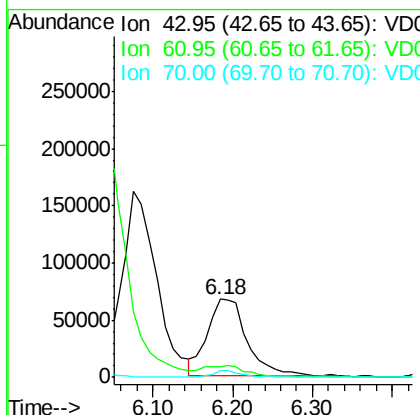
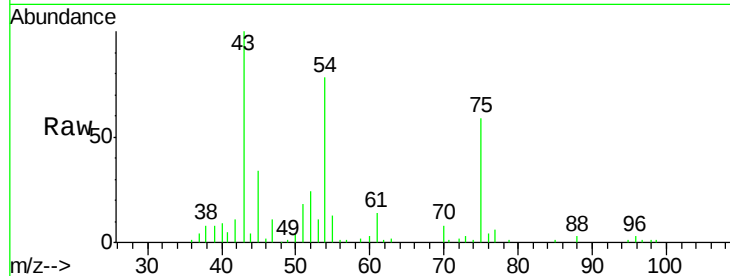
#37
Ethyl Acetate
Concen: 46.145 ug/l
RT: 6.18 min Scan# 483
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	8.7	13.1#
70	9.1	6.5	9.7

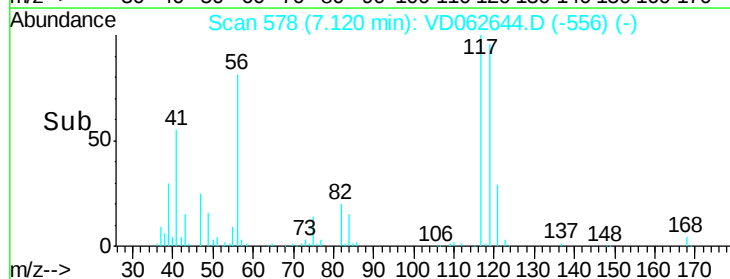
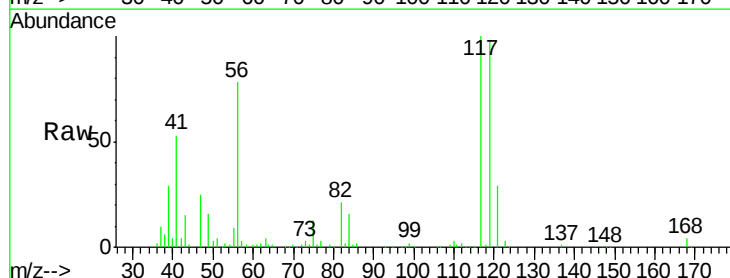
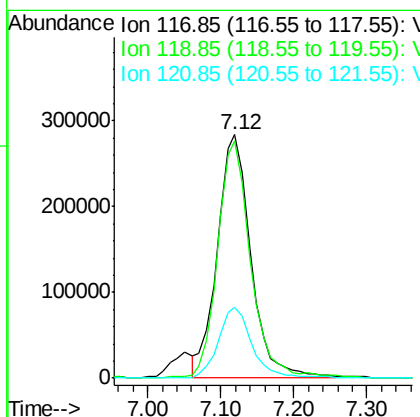
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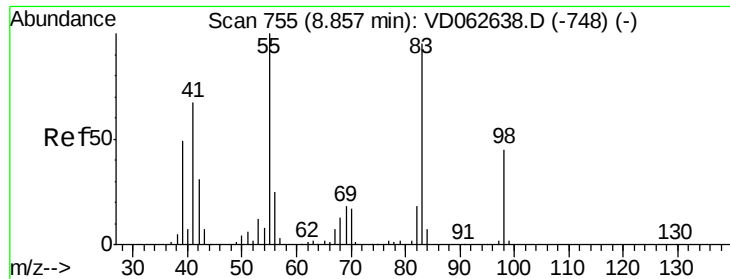
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#38
Carbon Tetrachloride
Concen: 47.838 ug/l m
RT: 7.12 min Scan# 578
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.5	110.3
121	28.9	24.2	36.4





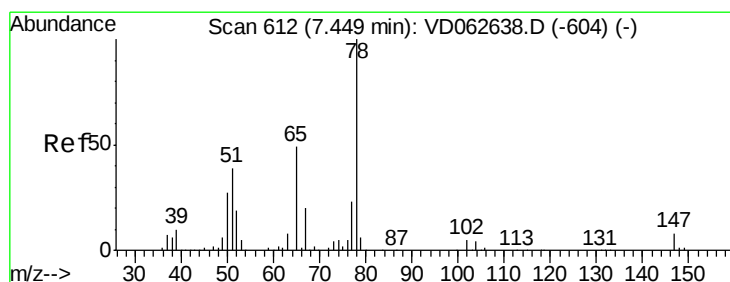
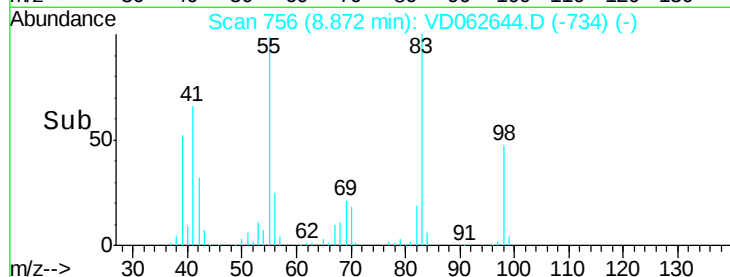
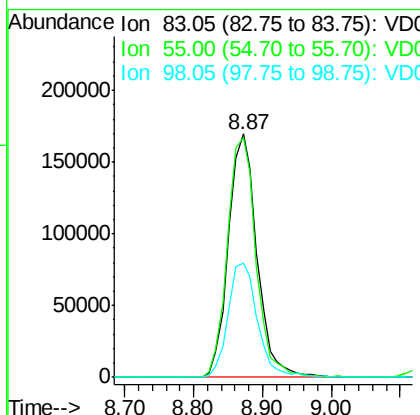
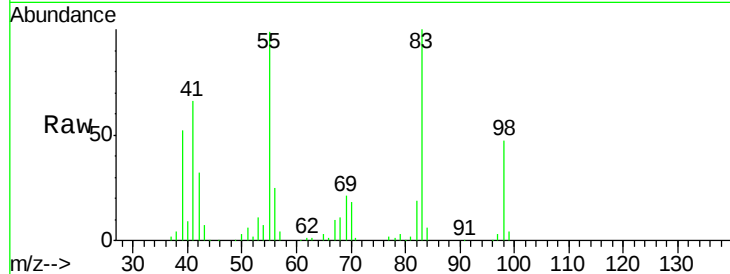
#39
Methylvlcyclohexane
Concen: 49.898 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ratio	Lower	Upper
83	100		
55	98.6	84.6	127.0
98	46.9	38.2	57.4

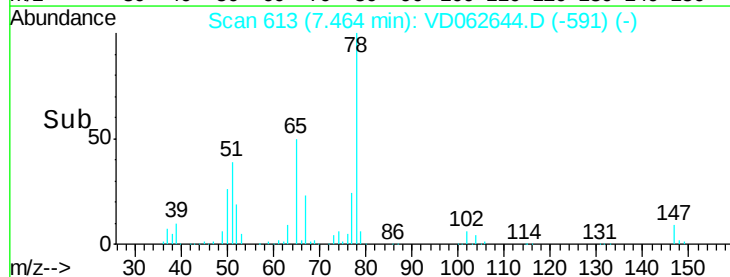
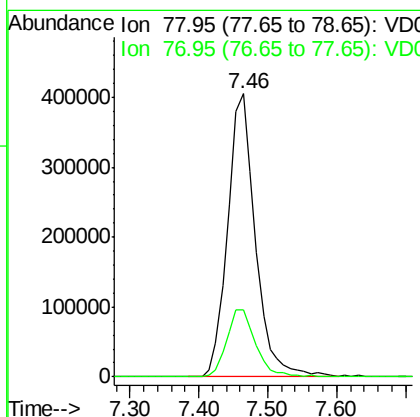
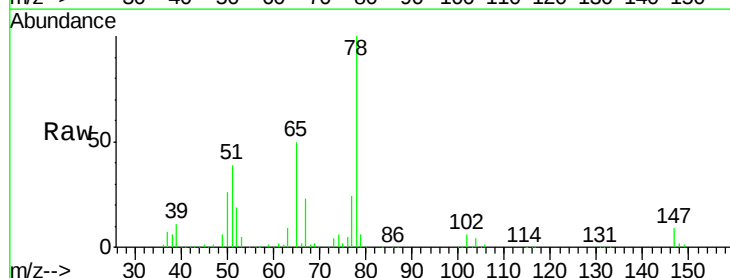
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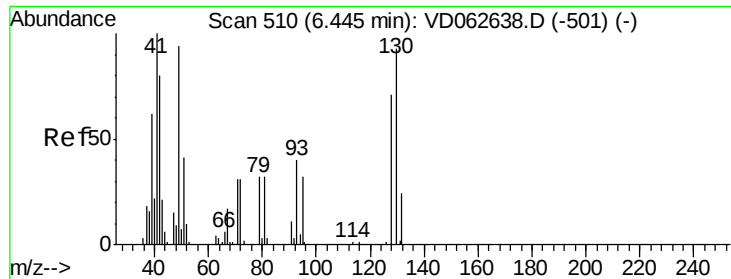
MMDadoda
6/11/2019 2:17:26 AM



#40
Benzene
Concen: 47.807 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





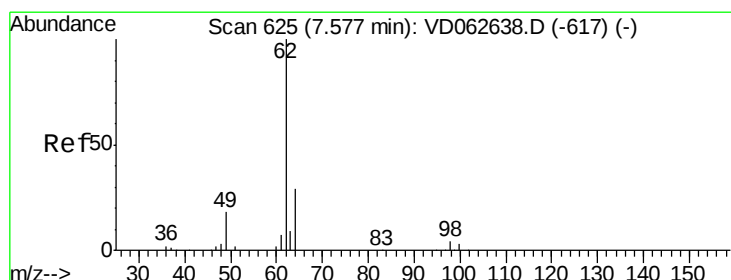
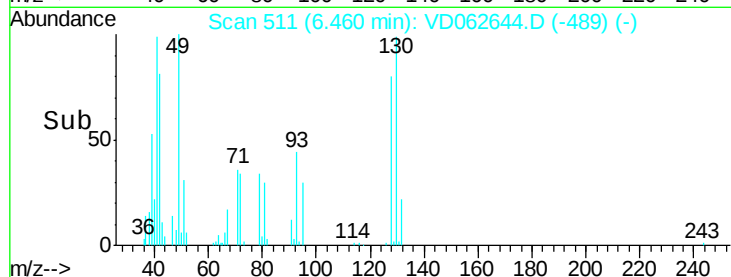
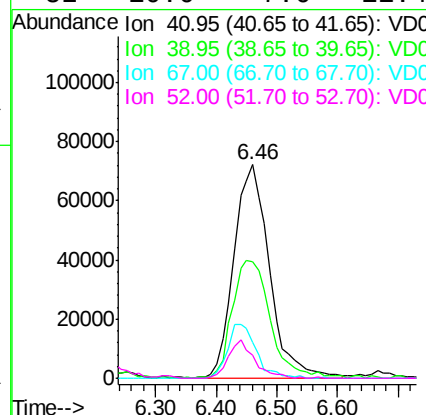
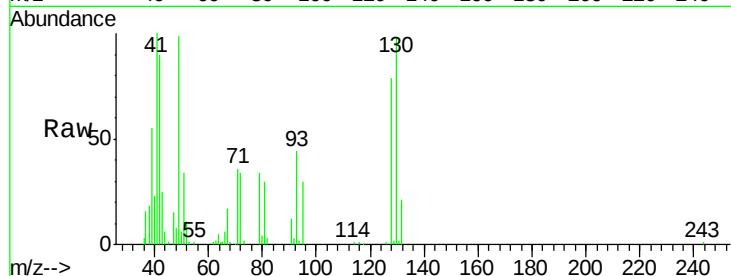
#41
Methacrylonitrile
Concen: 46.597 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		295091		
39	54.8	49.2	73.8		
67	16.6	13.9	20.9		
52	10.6	7.6	11.4		

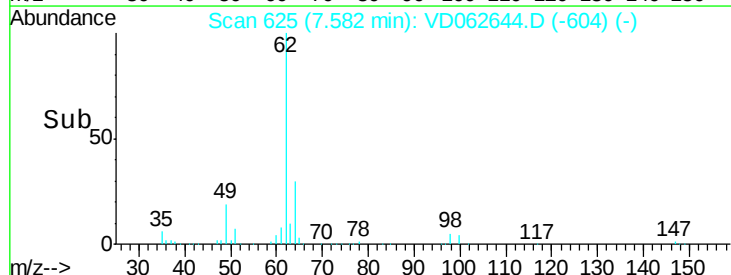
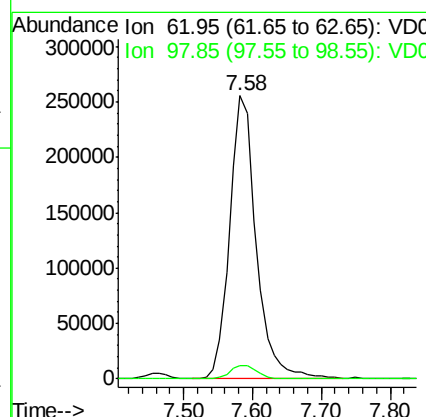
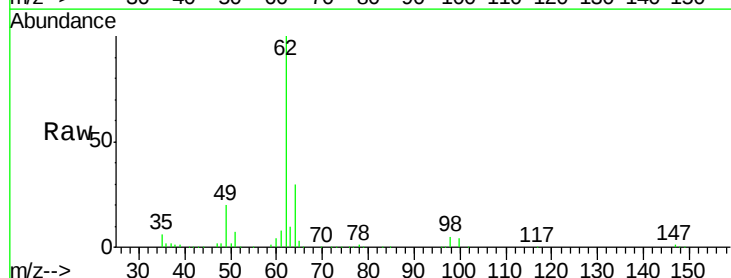
Manual Integrations
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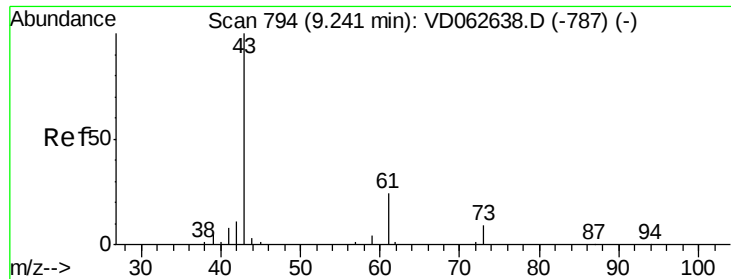
MMDadoda
6/11/2019 2:17:26 AM



#42
1,2-Dichloroethane
Concen: 48.596 ug/l
RT: 7.58 min Scan# 625
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		684315		
98	4.8	0.0	7.4		





#43

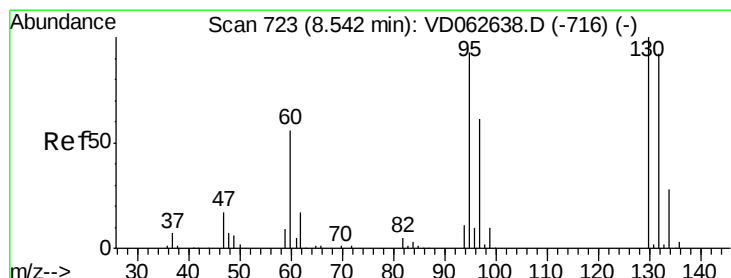
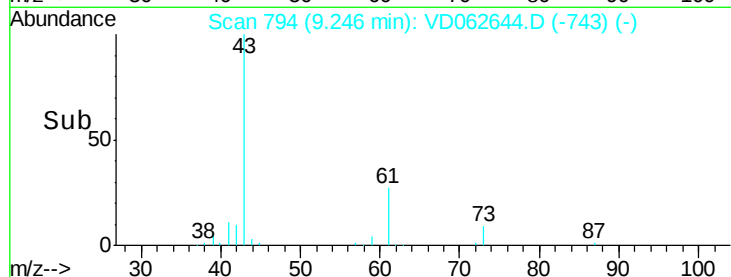
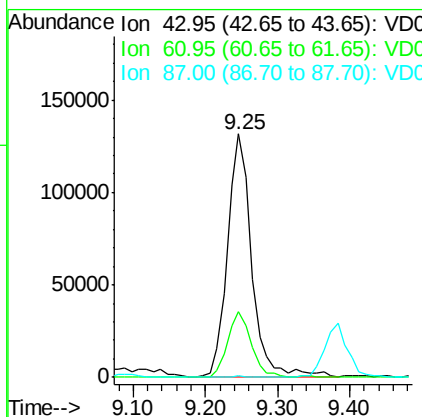
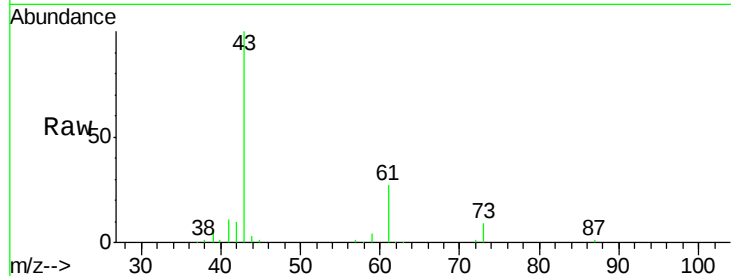
Isopropyl Acetate
 Concen: 47.806 ug/l
 RT: 9.25 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.0	19.0	28.6
87	0.6	0.3	0.5

Manual Integrations
 APPROVED

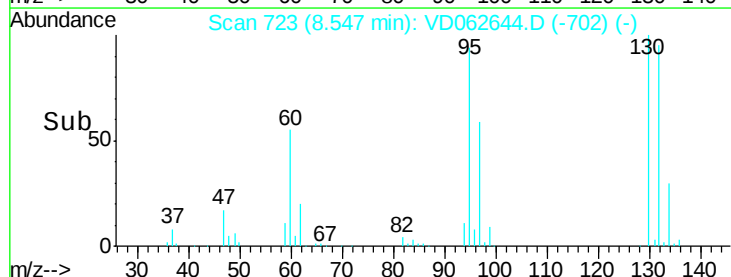
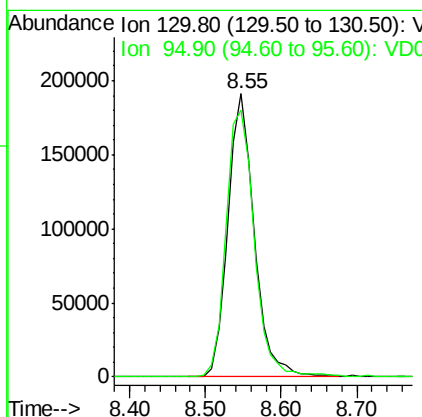
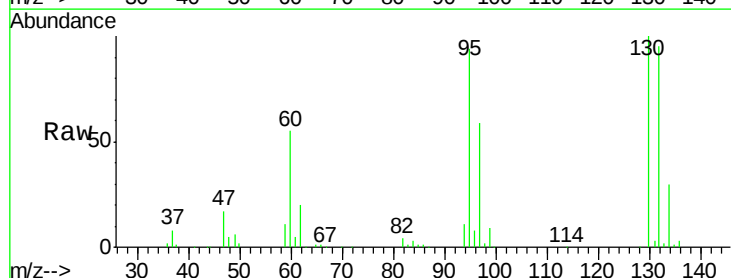
MMDadoda
 6/11/2019 2:17:26 AM

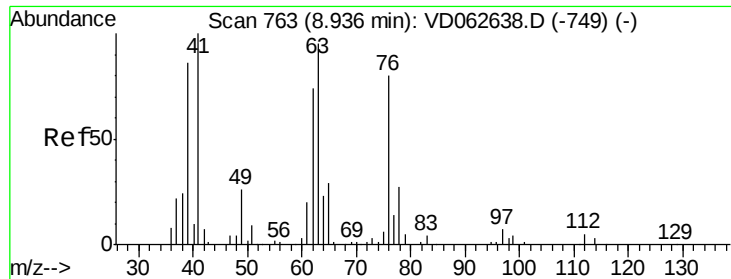


#44

Trichloroethene
 Concen: 47.812 ug/l
 RT: 8.55 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	185.6





#45

1,2-Dichloropropane

Concen: 52.236 ug/l

RT: 8.94 min Scan# 763

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion: 63 Resp: 296430

Ion Ratio Lower Upper

63 100

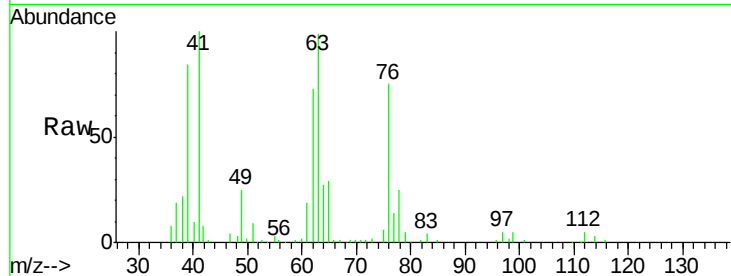
65 29.7 24.6 37.0

Manual Integrations

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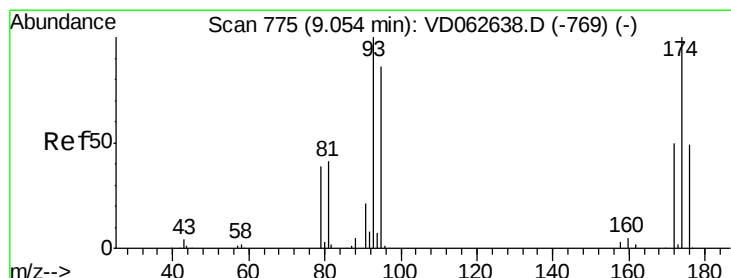
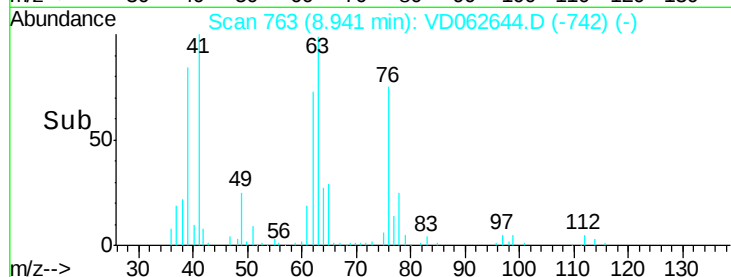
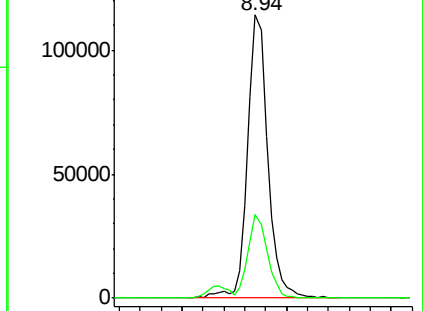
MMDadoda

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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: 47.578 ug/l

RT: 9.07 min Scan# 776

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

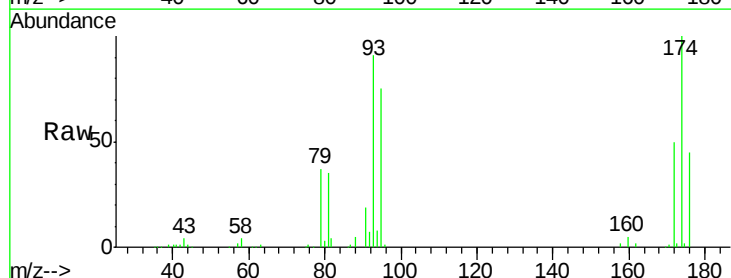
Tgt Ion: 93 Resp: 239662

Ion Ratio Lower Upper

93 100

95 82.3 68.7 103.1

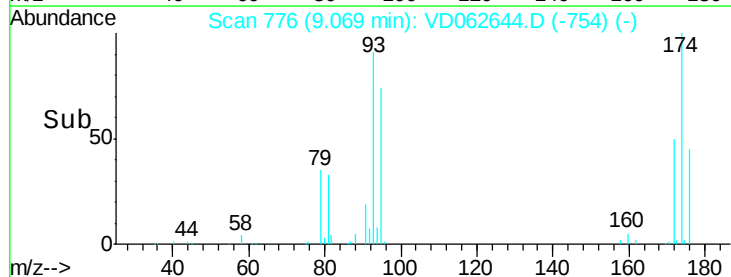
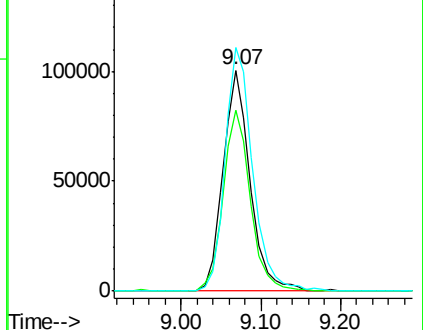
174 110.3 79.8 119.8

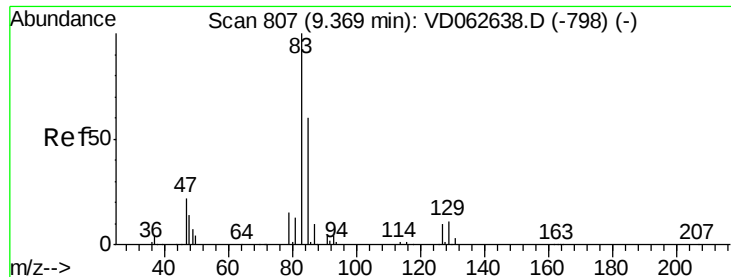


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 48.883 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

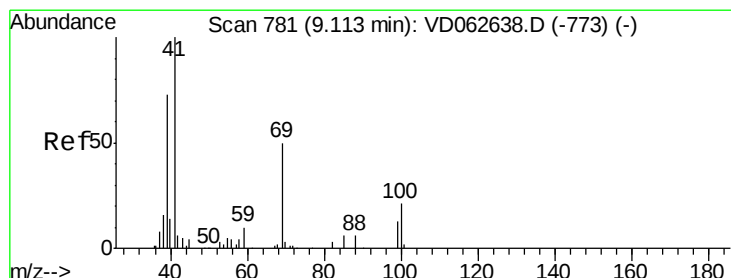
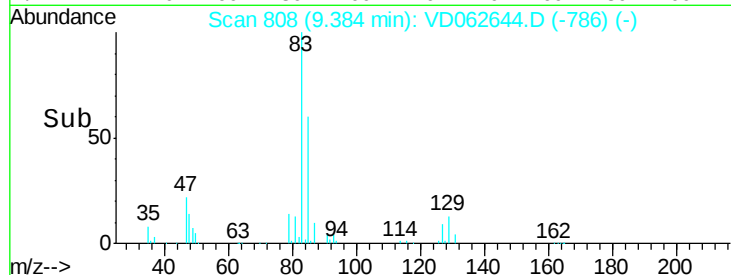
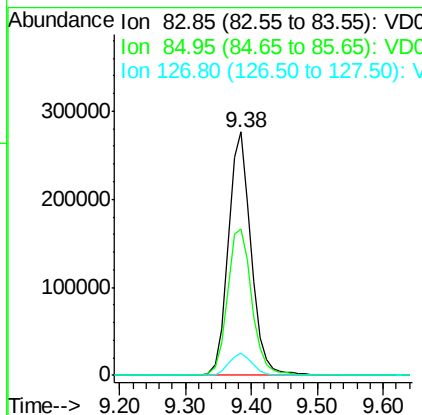
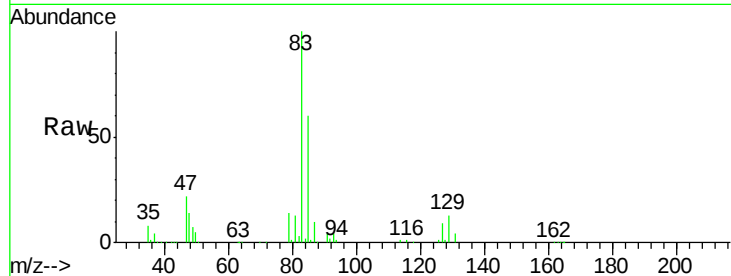
ClientSampleId :

ICVVD060719

Tot Ion:	83	Resp:	669822
Ion	Ratio	Lower	Upper
83	100		
85	60.3	47.9	71.9
127	9.2	8.2	12.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.268 ug/l

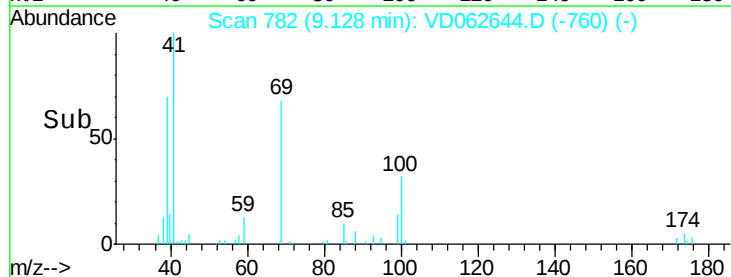
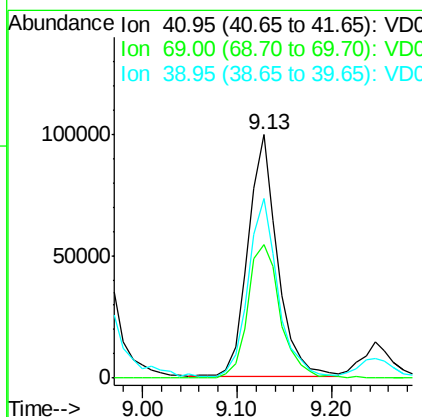
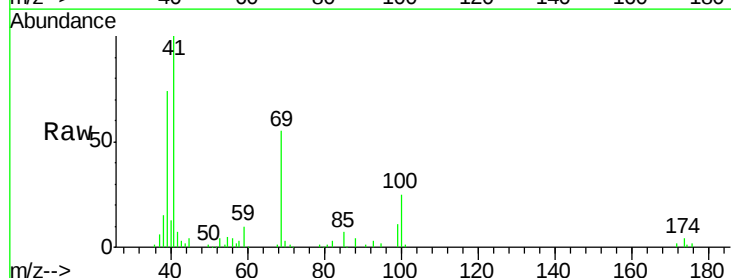
RT: 9.13 min Scan# 782

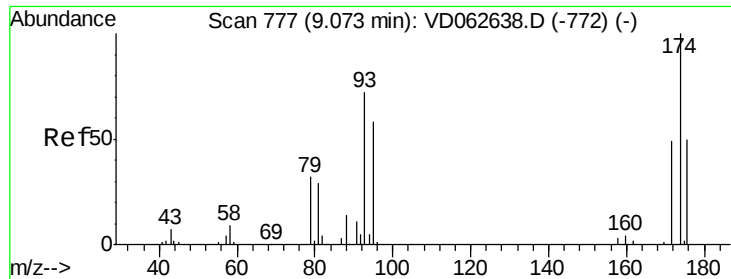
Delta R.T. 0.02 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion:	41	Resp:	213365
Ion	Ratio	Lower	Upper
41	100		
69	55.1	39.8	59.6
39	73.7	59.1	88.7





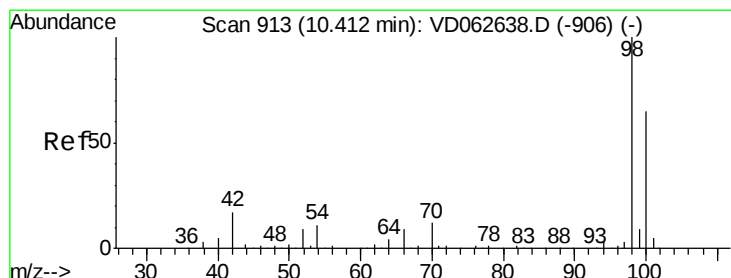
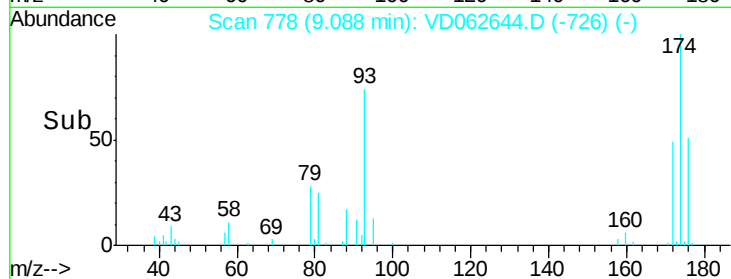
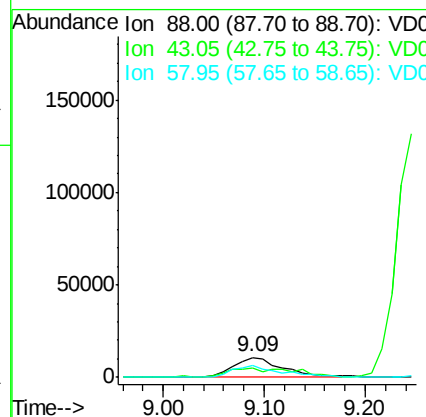
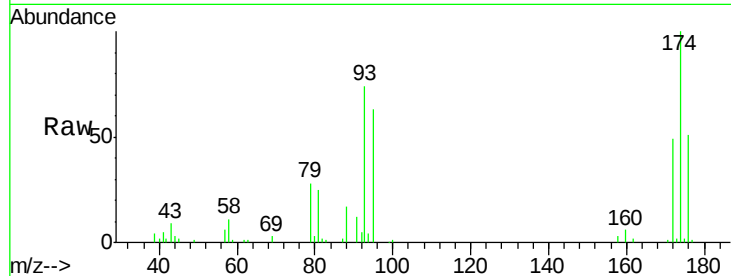
#49
1,4-Dioxane
Concen: 871.135 ug/l
RT: 9.09 min Scan# 778
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	88	Resp	35660
Ion	Ratio	Lower	Upper
88	100		
43	50.7	40.7	61.1
58	61.4	54.2	81.4

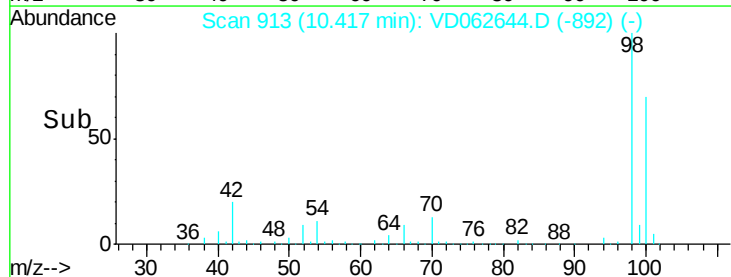
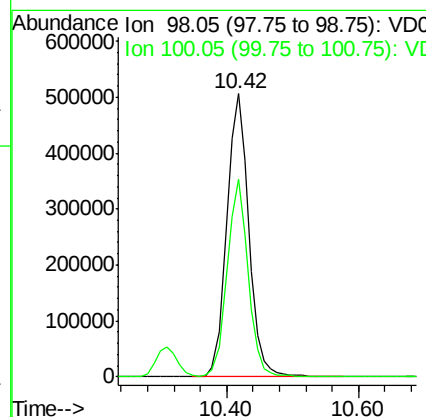
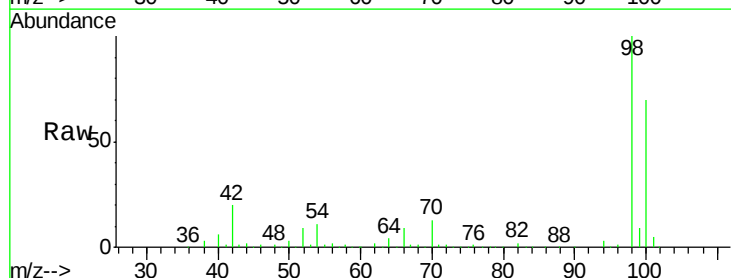
Manual Integrations
APPROVED

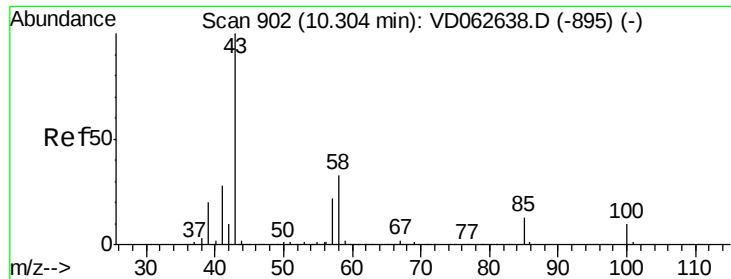
MMDadoda
6/11/2019 2:17:26 AM



#50
Toluene-d8
Concen: 50.500 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	98	Resp	1184281
Ion	Ratio	Lower	Upper
98	100		
100	69.7	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 242.471 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion: 43 Resp: 1082988

Ion Ratio Lower Upper

43 100

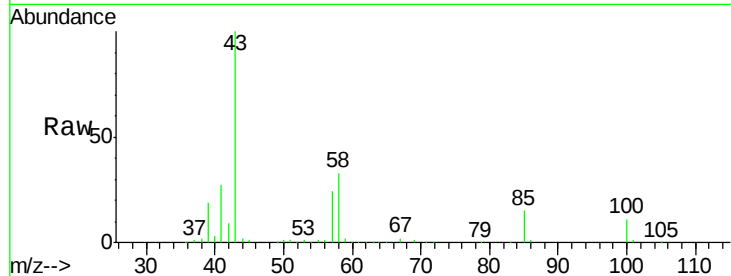
58 32.7 26.1 39.1

Manual Integrations

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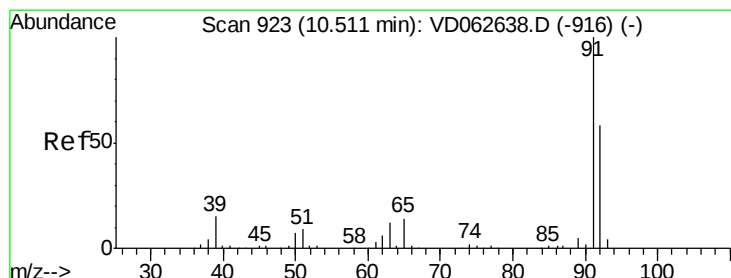
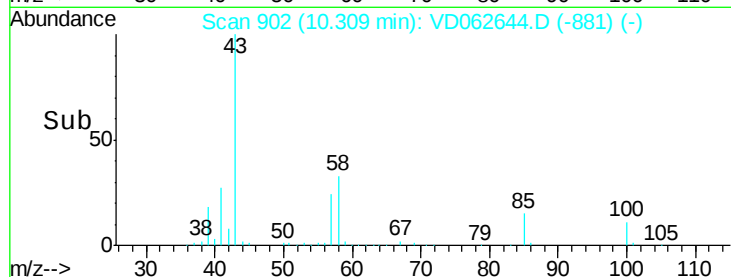
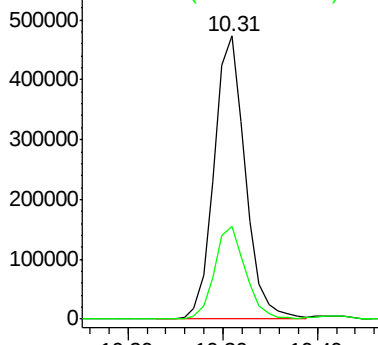
MMDadoda

6/11/2019 2:17:26 AM



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 50.061 ug/l

RT: 10.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD062644.D

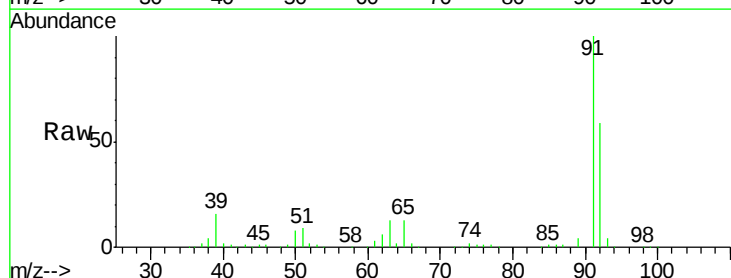
Acq: 7 Jun 2019 17:07

Tgt Ion: 92 Resp: 795003

Ion Ratio Lower Upper

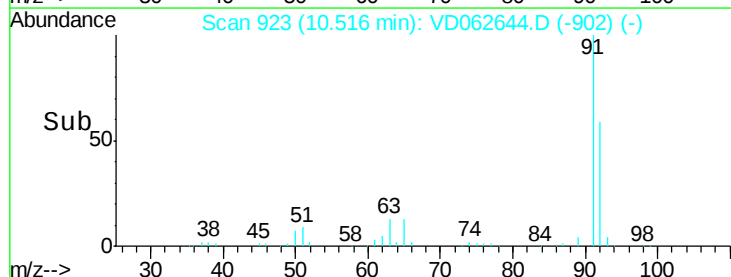
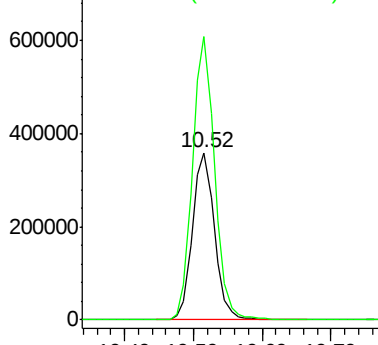
92 100

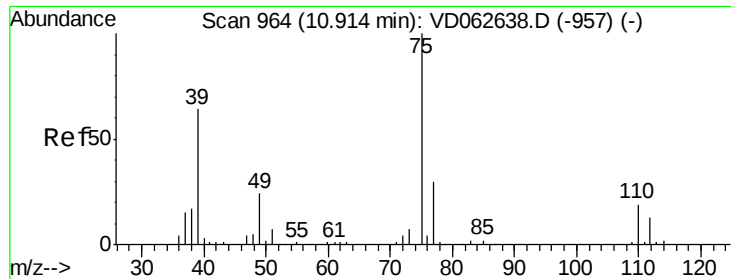
91 169.4 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





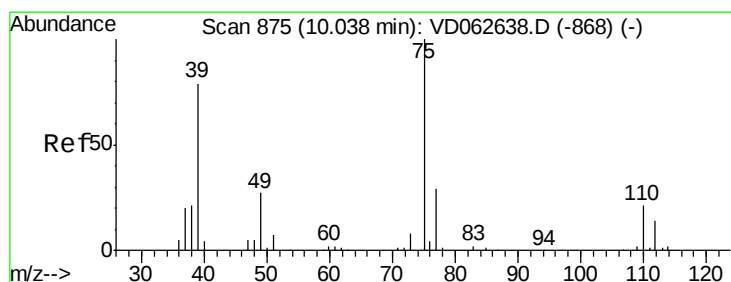
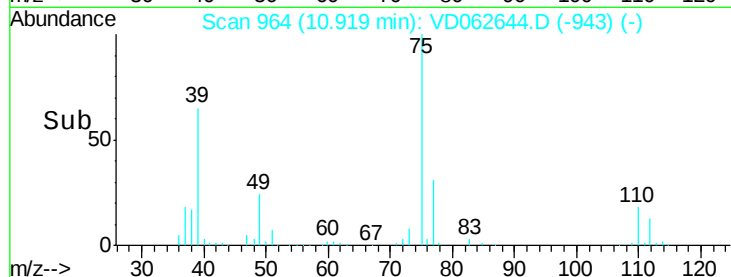
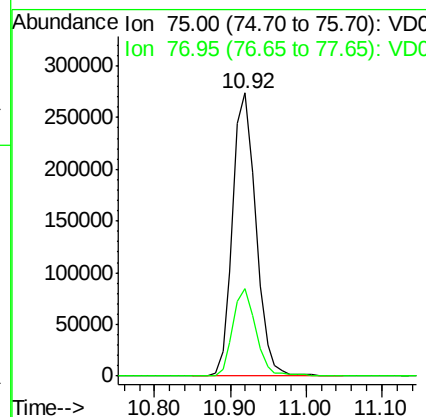
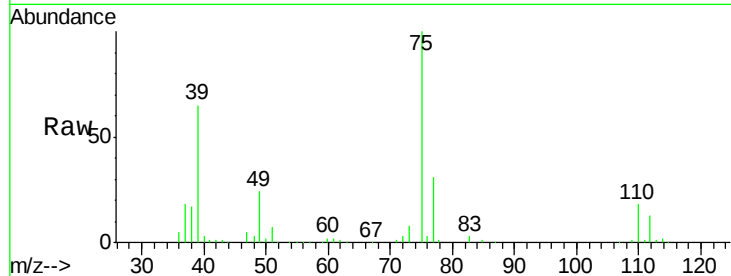
#53
 t-1,3-Dichloropropene
 Concen: 51.816 ug/l
 RT: 10.92 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion: 75 Resp: 582128
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1

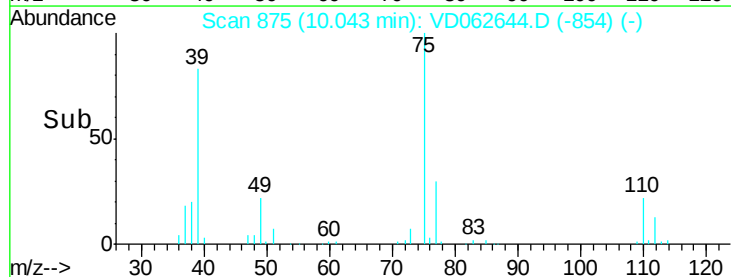
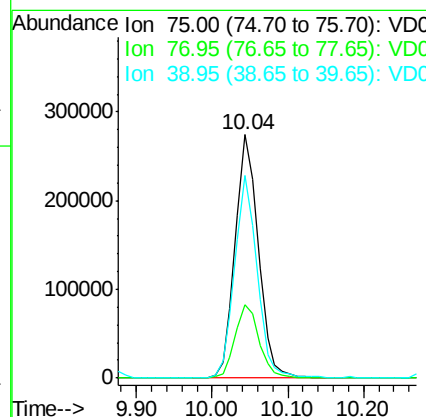
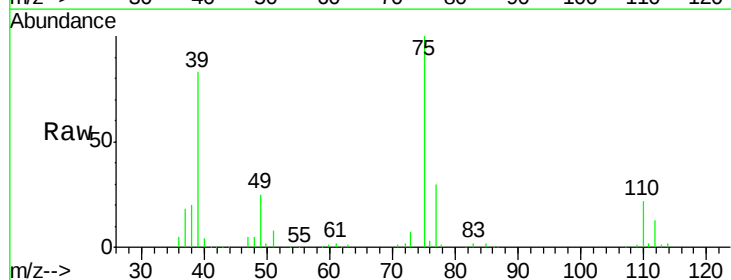
Manual Integrations
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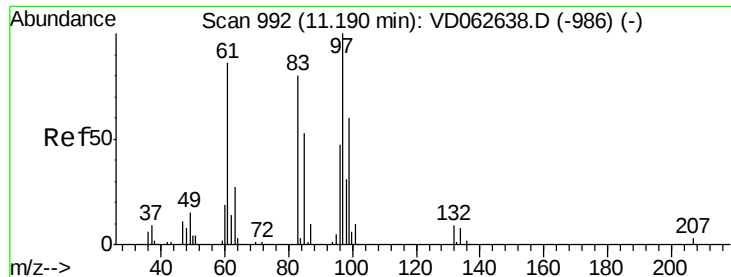
MMDadoda
 6/11/2019 2:17:26 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.189 ug/l
 RT: 10.04 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion: 75 Resp: 582765
 Ion Ratio Lower Upper
 75 100
 77 30.2 23.1 34.7
 39 83.3 63.4 95.2





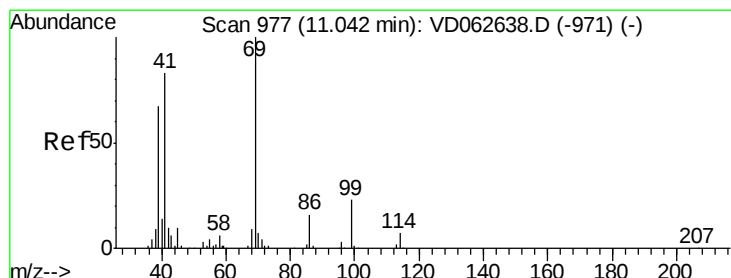
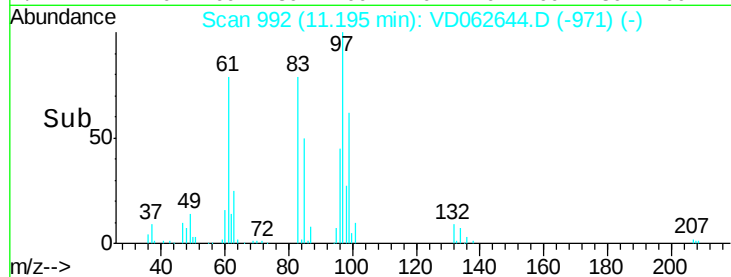
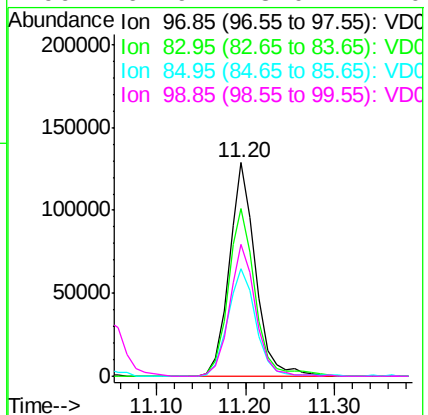
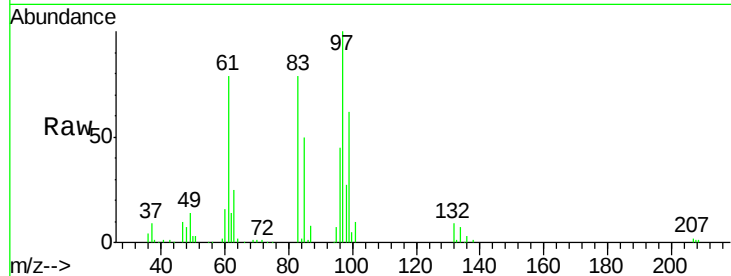
#55
 1,1,2-Trichloroethane
 Concen: 48.929 ug/l
 RT: 11.20 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		266472		
83	78.5		63.8	95.8	
85	50.3		42.3	63.5	
99	61.9		48.0	72.0	

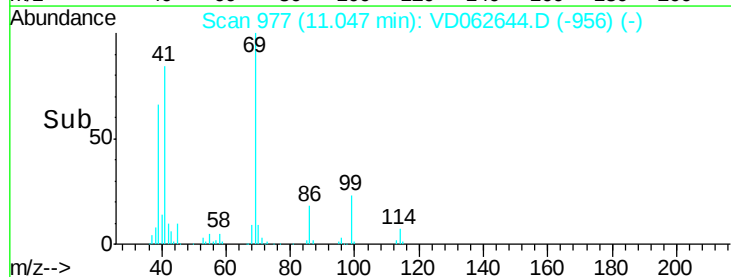
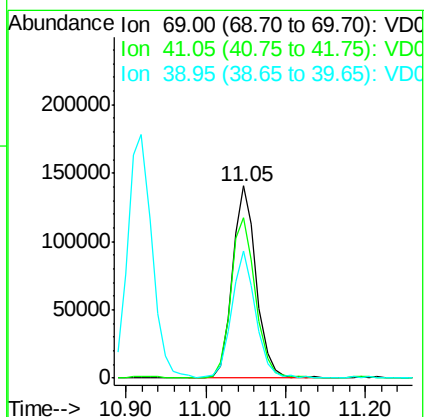
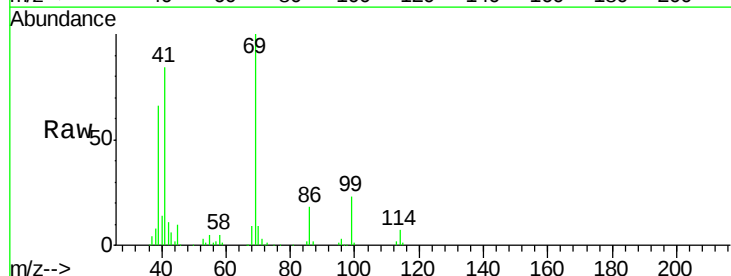
Manual Integrations
 APPROVED

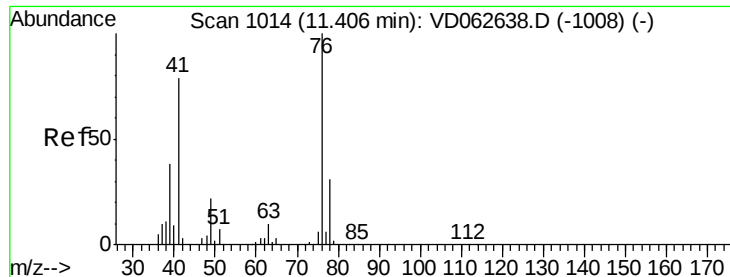
MMDadoda
 6/11/2019 2:17:26 AM



#56
 Ethyl methacrylate
 Concen: 44.971 ug/l
 RT: 11.05 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		292278		
41	83.8		66.2	99.4	
39	66.3		53.8	80.8	





#57

1,3-Dichloropropane

Concen: 49.564 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion: 76 Resp: 418371

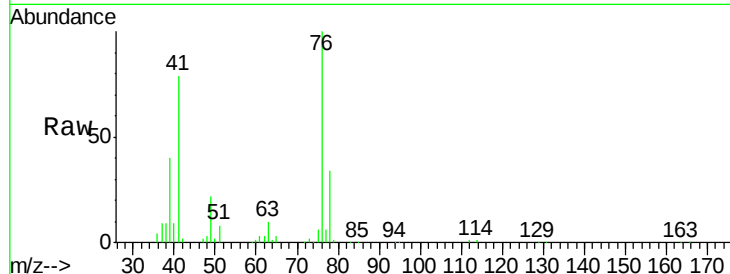
Ion Ratio Lower Upper

76 100

78 33.9 24.9 37.3

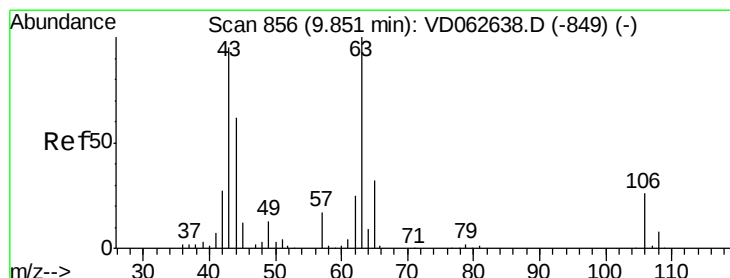
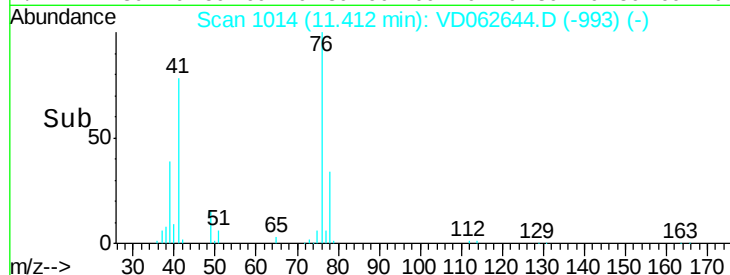
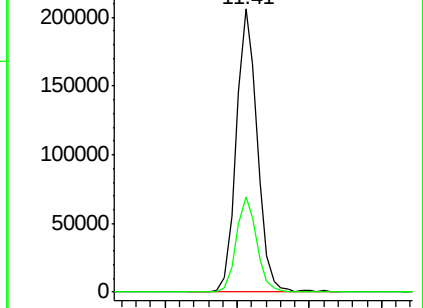
Manual Integrations
APPROVED

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6/11/2019 2:17:26 AM



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 225.106 ug/l

RT: 9.87 min Scan# 857

Delta R.T. 0.02 min

Lab File: VD062644.D

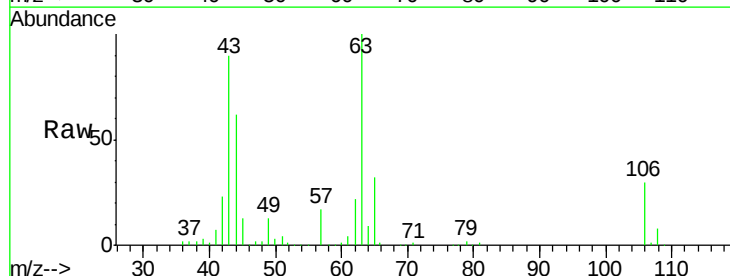
Acq: 7 Jun 2019 17:07

Tgt Ion: 63 Resp: 655244

Ion Ratio Lower Upper

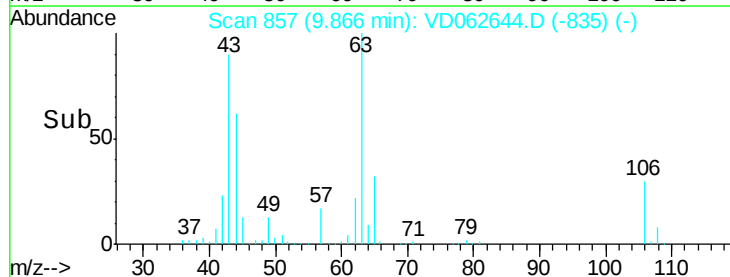
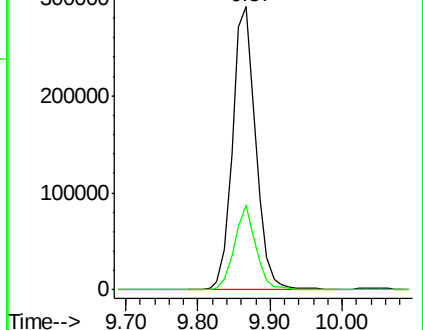
63 100

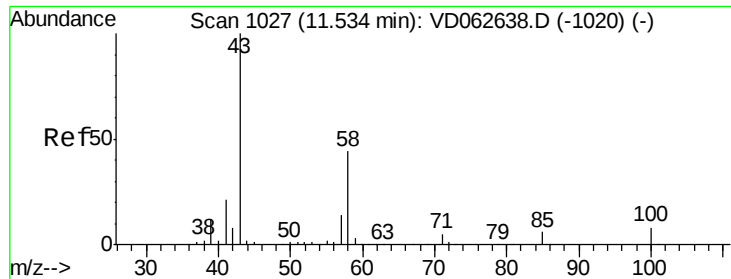
106 30.0 20.5 30.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V





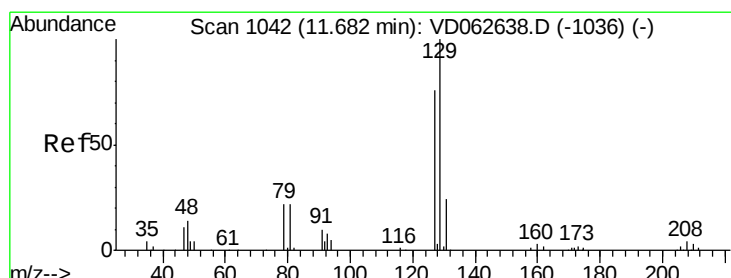
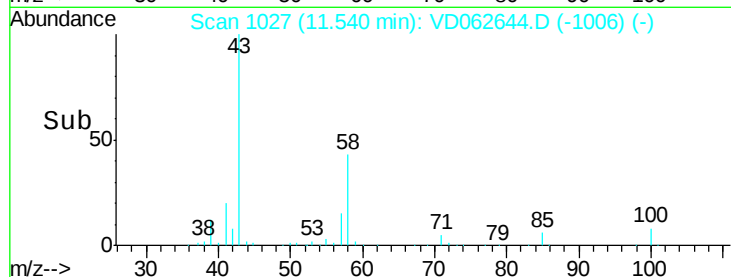
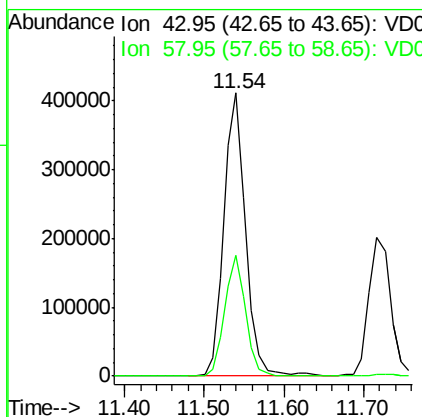
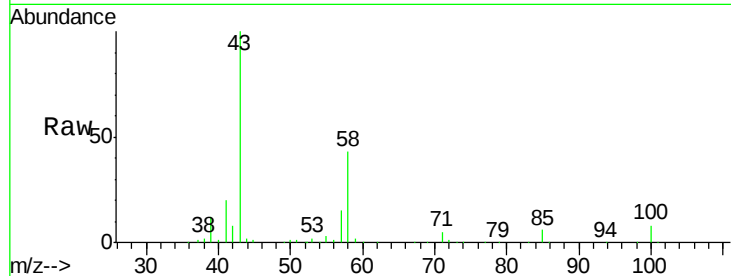
#59
2-Hexanone
Concen: 237.754 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	43	Resp	789920
Ion Ratio	100	Lower	Upper
58	42.6	21.8	65.4

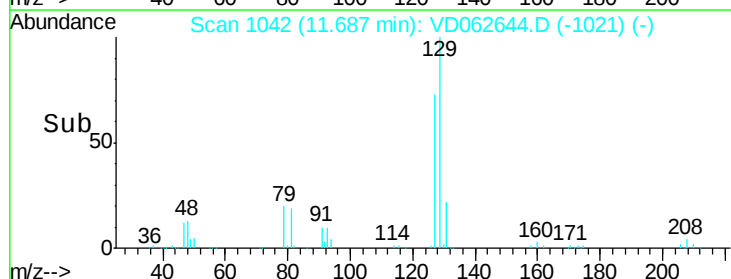
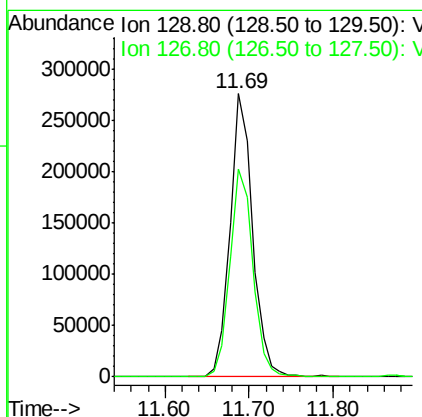
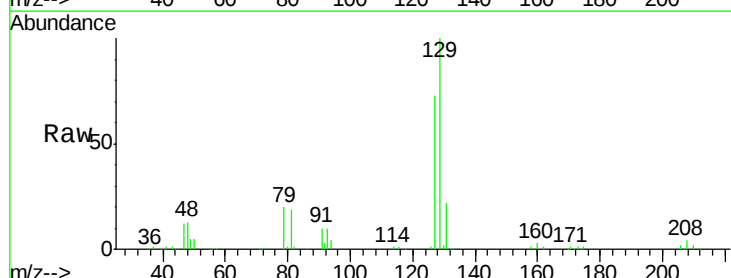
Manual Integrations
APPROVED

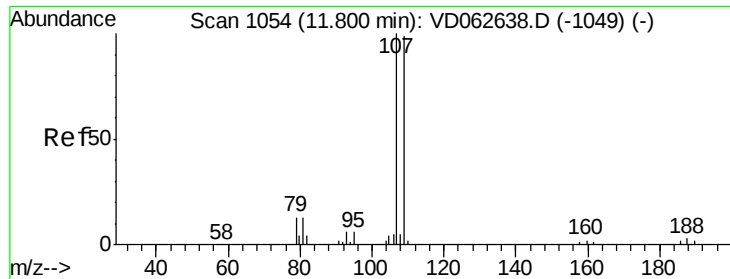
MMDadoda
6/11/2019 2:17:26 AM



#60
Dibromochloromethane
Concen: 47.885 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	129	Resp	514806
Ion Ratio	100	Lower	Upper
127	73.2	38.0	114.1





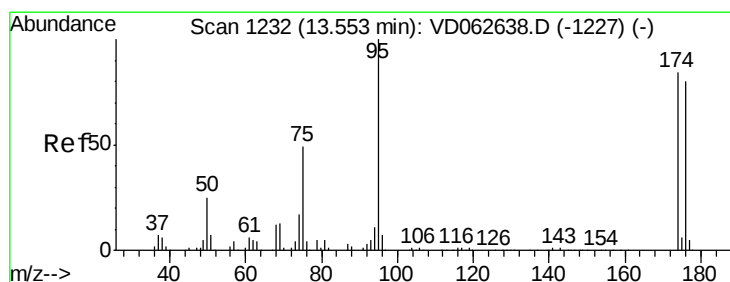
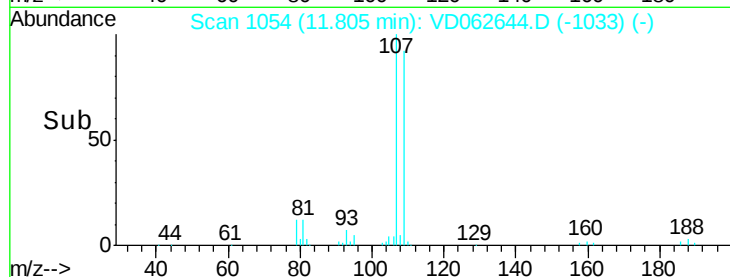
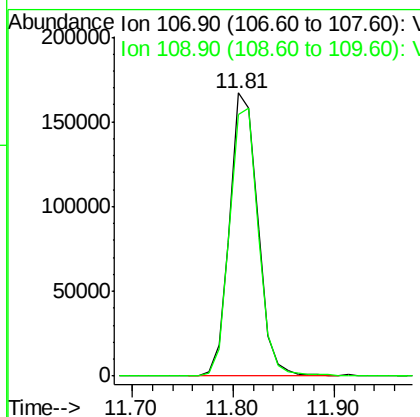
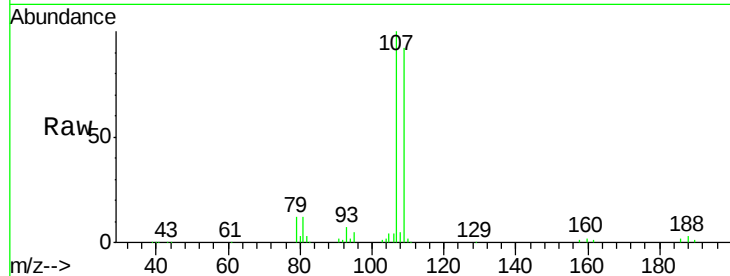
#61
 1,2-Dibromoethane
 Concen: 49.845 ug/l
 RT: 11.81 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	79.2	118.8

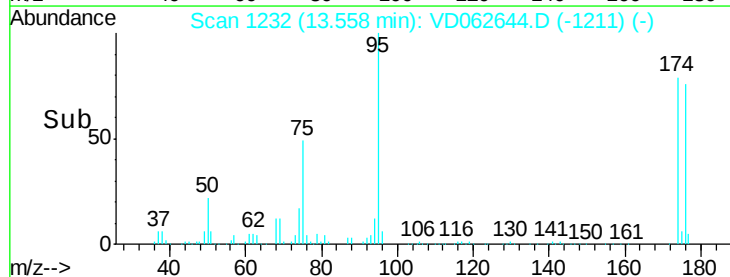
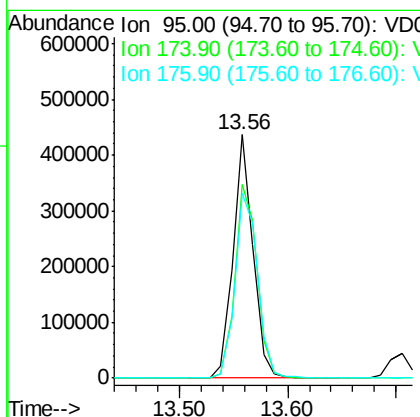
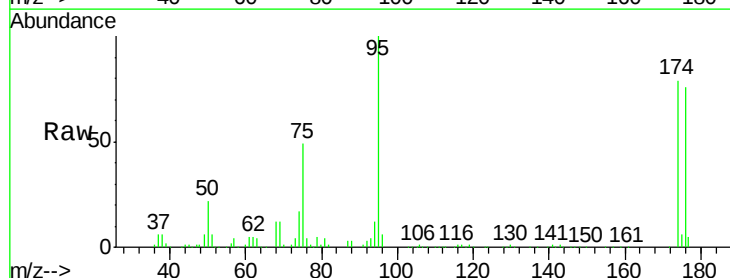
Manual Integrations
 APPROVED

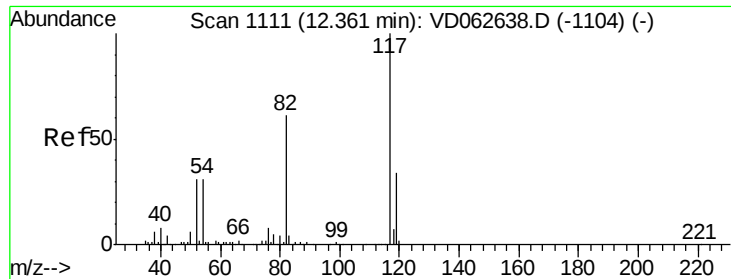
MMDadoda
 6/11/2019 2:17:26 AM



#62
 4-Bromofluorobenzene
 Concen: 51.169 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	167.0
176	75.9	0.0	159.2





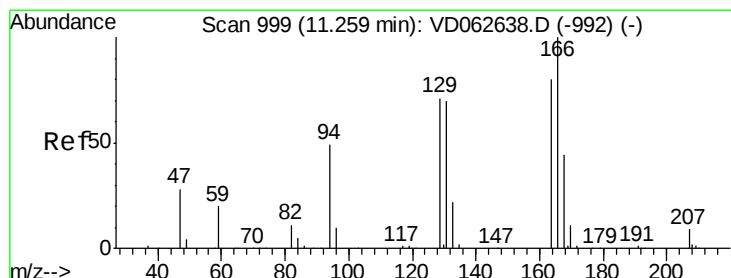
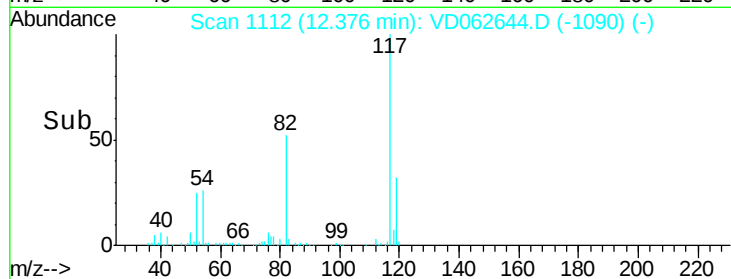
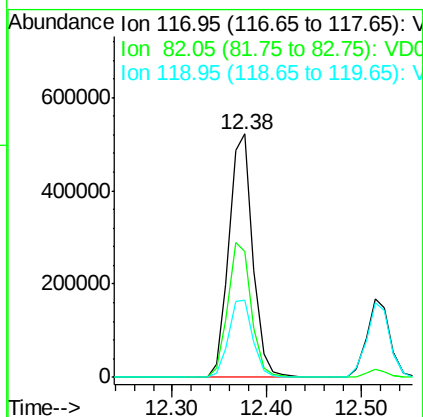
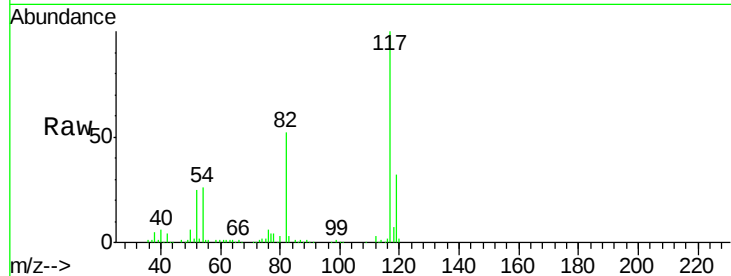
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ratio	Resp	Lower	Upper
117	100	912575		
82	51.9	48.7	73.1	
119	31.7	27.0	40.6	

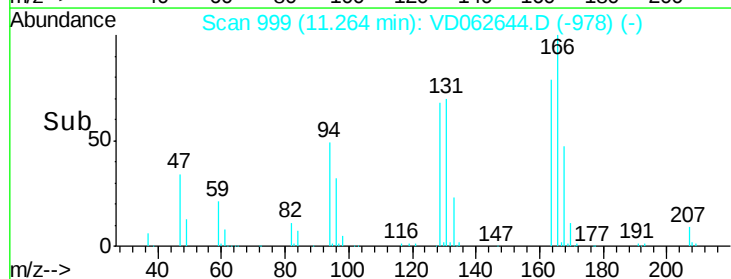
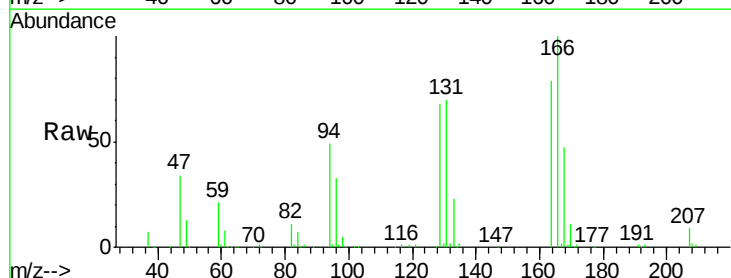
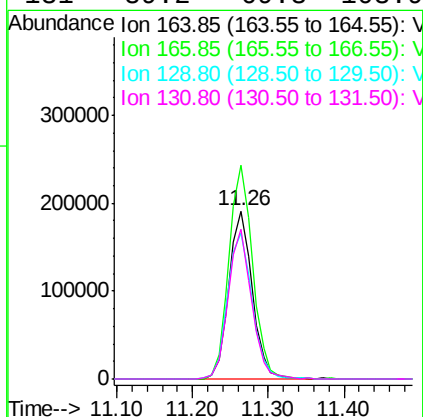
Manual Integrations
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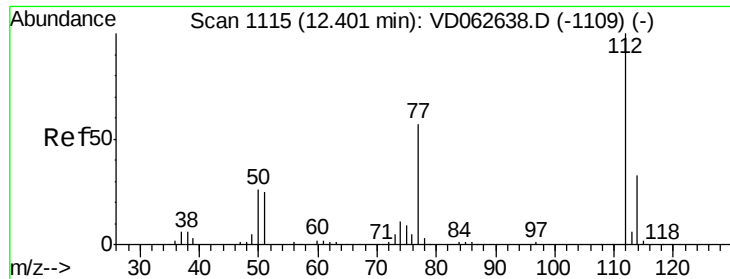
MMDadoda
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#64
Tetrachloroethene
Concen: 47.435 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	405227		
166	127.2	99.4	149.2	
129	87.1	70.2	105.4	
131	89.2	69.3	103.9	





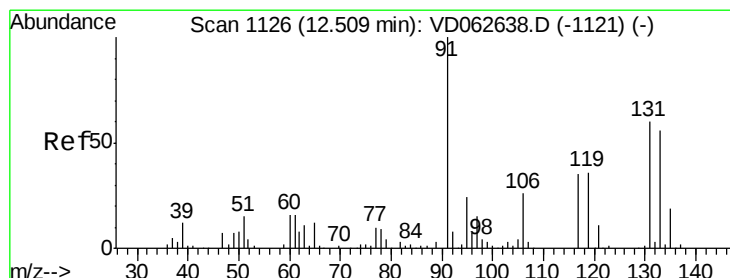
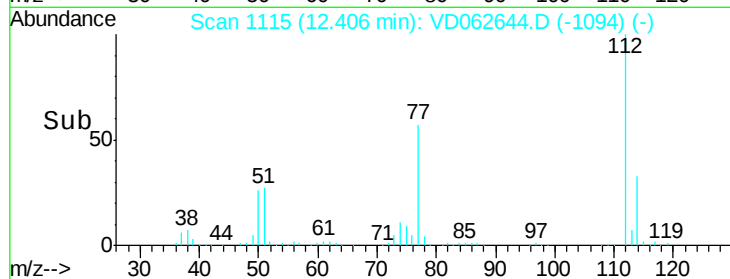
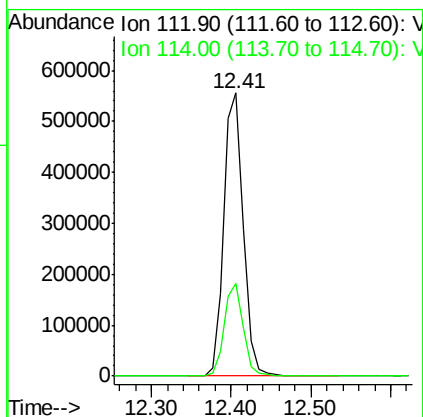
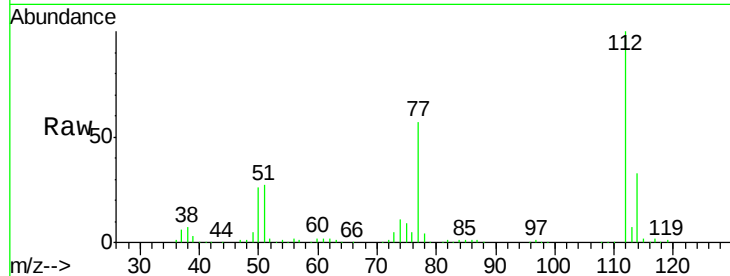
#65
Chlorobenzene
Concen: 47.618 ug/l
RT: 12.41 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion:112 Resp: 961206
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5

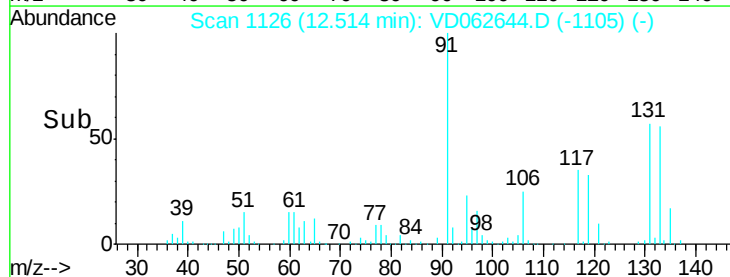
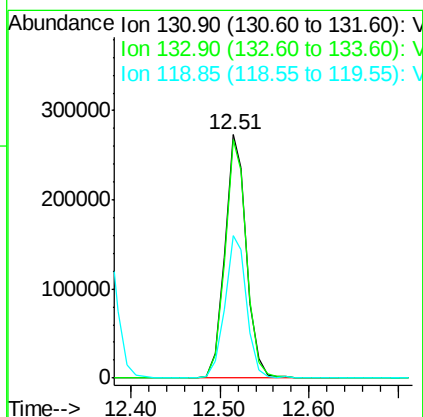
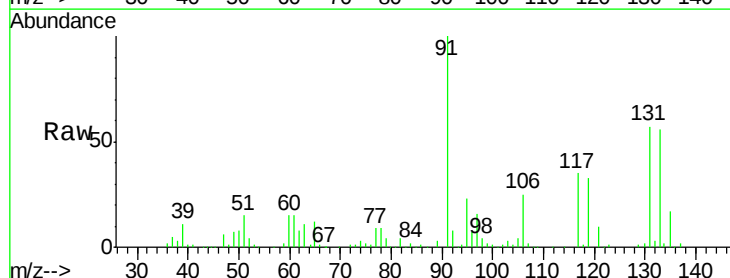
Manual Integrations
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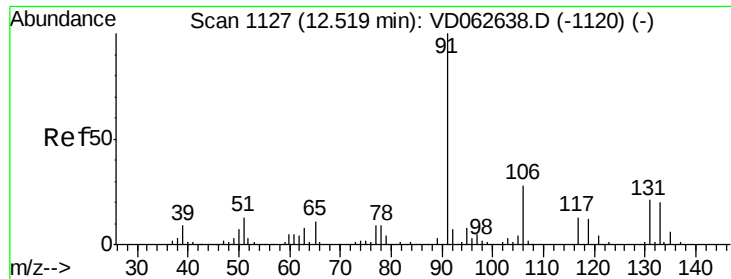
MMDadoda
6/11/2019 2:17:26 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.400 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion:131 Resp: 465963
Ion Ratio Lower Upper
131 100
133 98.1 46.8 140.3
119 58.5 29.9 89.8





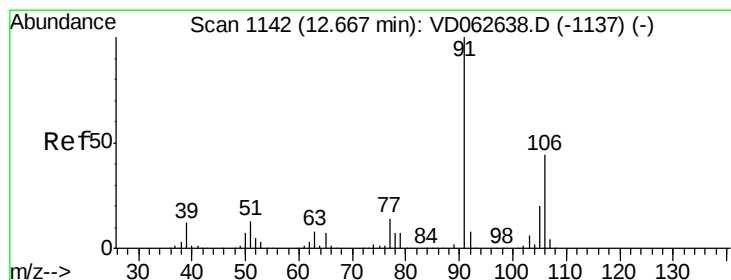
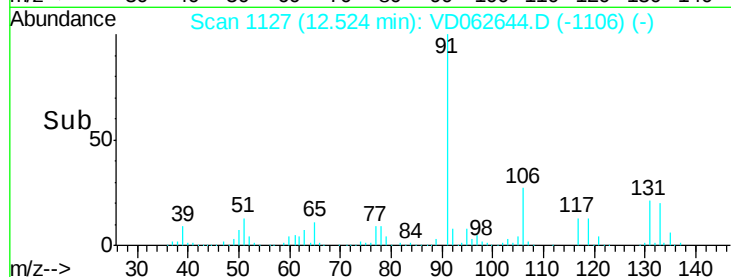
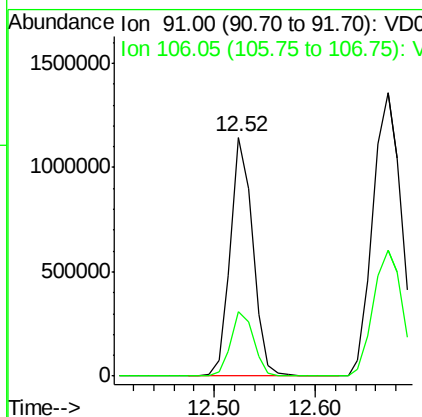
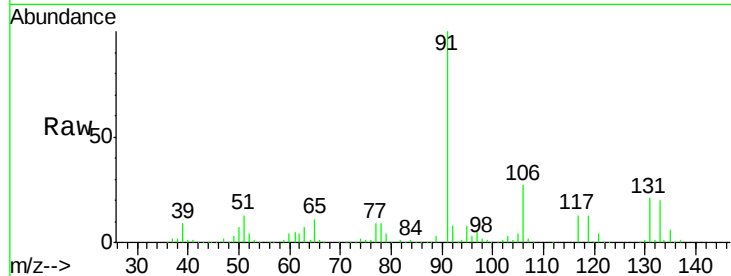
#67
Ethyl Benzene
Concen: 49.406 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion: 91 Resp: 1768223
Ion Ratio Lower Upper
91 100
106 26.8 22.1 33.1

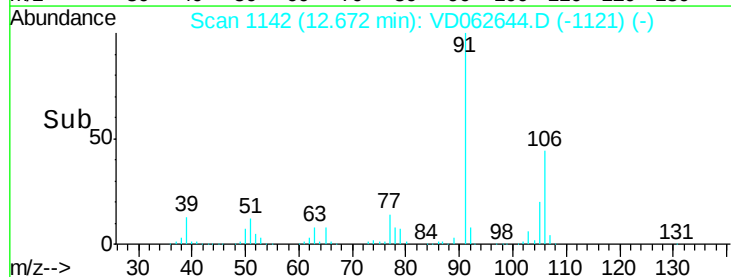
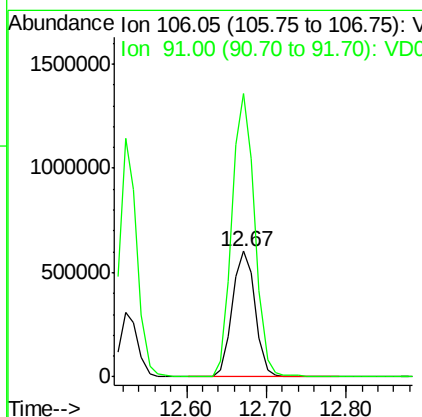
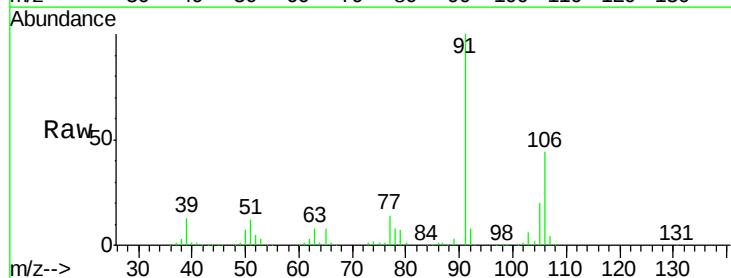
Manual Integrations
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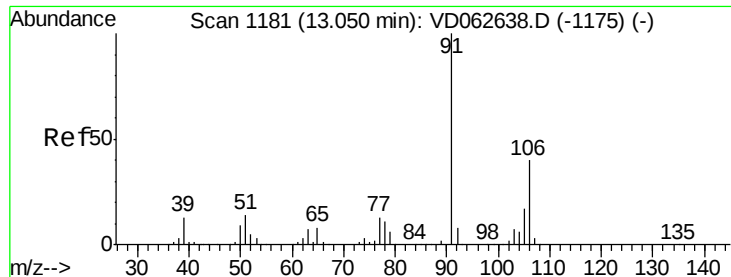
MMDadoda
6/11/2019 2:17:26 AM



#68
m/p-Xylenes
Concen: 96.184 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion: 106 Resp: 1210190
Ion Ratio Lower Upper
106 100
91 224.9 180.2 270.4





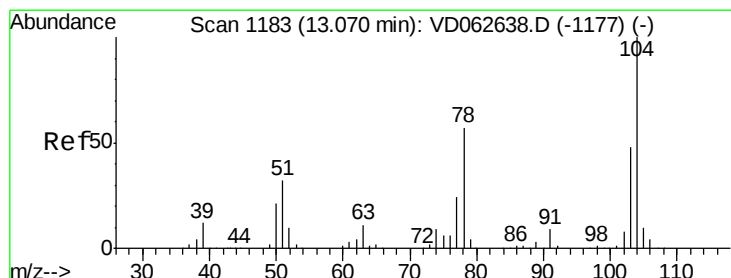
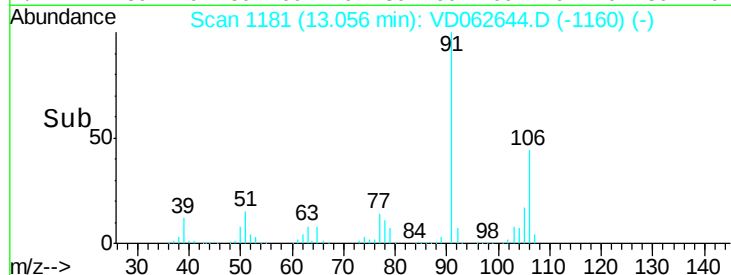
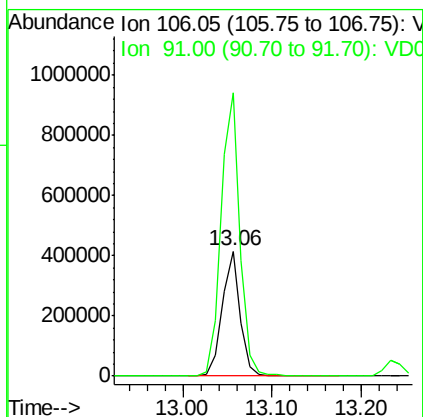
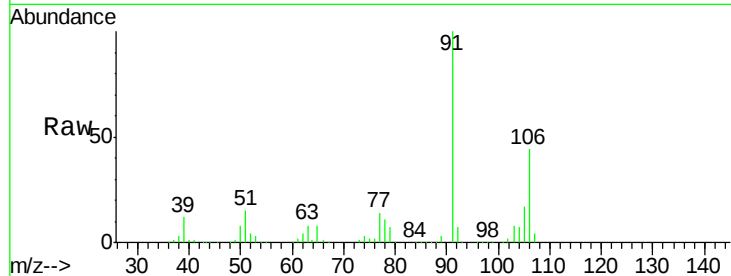
#69
o-Xylene
Concen: 50.838 ug/l
RT: 13.06 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampled :
ICVVD060719

Tot Ion:106 Resp: 587456
Ion Ratio Lower Upper
106 100
91 226.7 124.1 372.1

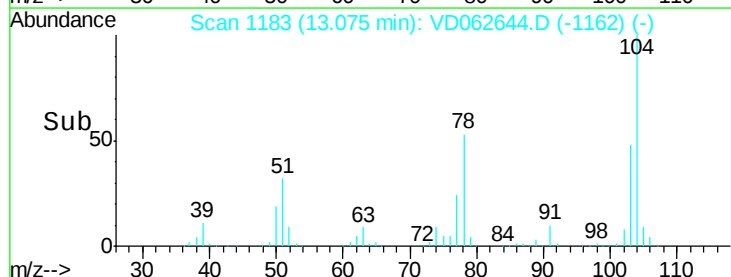
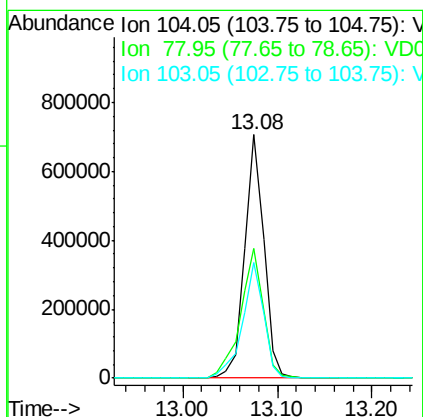
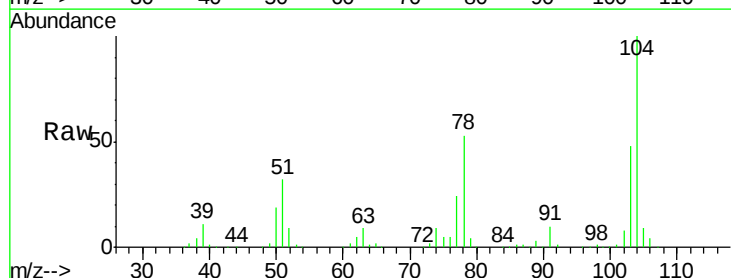
Manual Integrations
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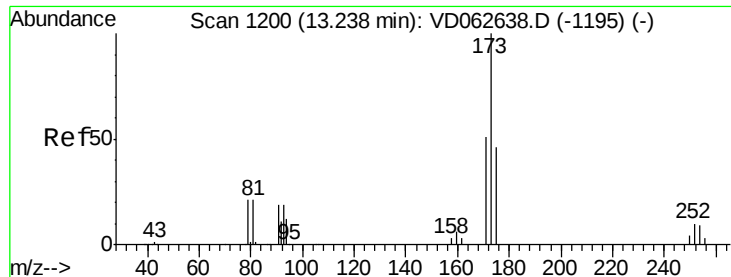
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6/11/2019 2:17:26 AM



#70
Styrene
Concen: 48.218 ug/l
RT: 13.08 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion:104 Resp: 994157
Ion Ratio Lower Upper
104 100
78 53.4 45.9 68.9
103 47.5 38.4 57.6





#71

Bromoform

Concen: 41.990 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion:173 Resp: 306565

Ion Ratio Lower Upper

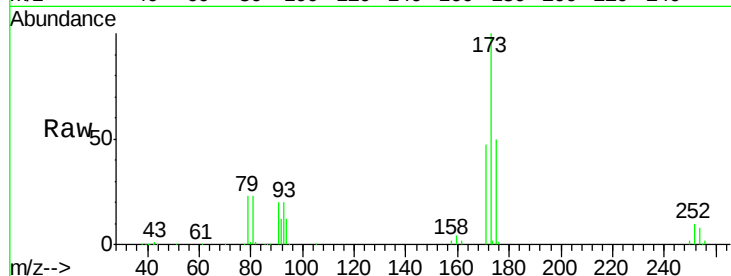
173 100

175 50.0 22.9 68.7

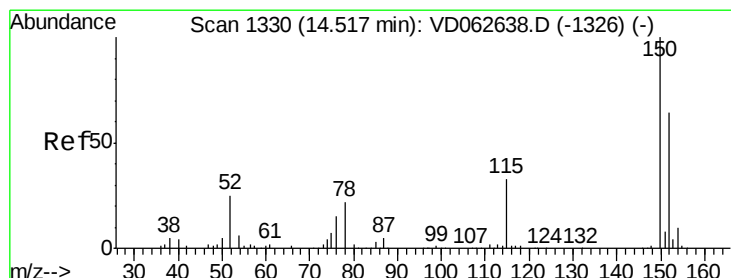
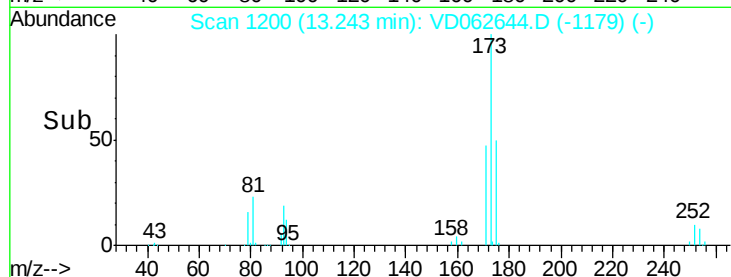
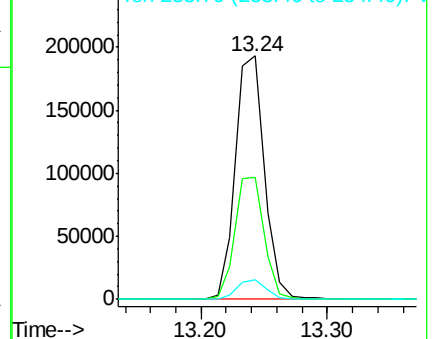
254 8.2 7.0 10.4

Manual Integrations
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Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

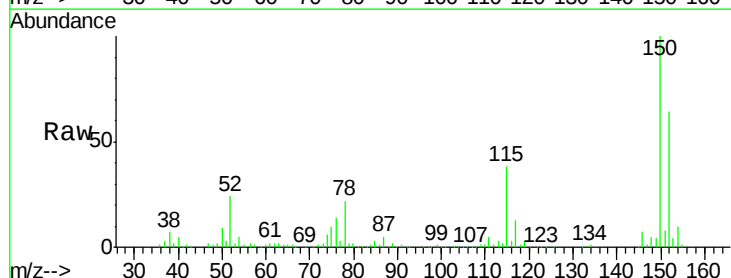
Tgt Ion:152 Resp: 492669

Ion Ratio Lower Upper

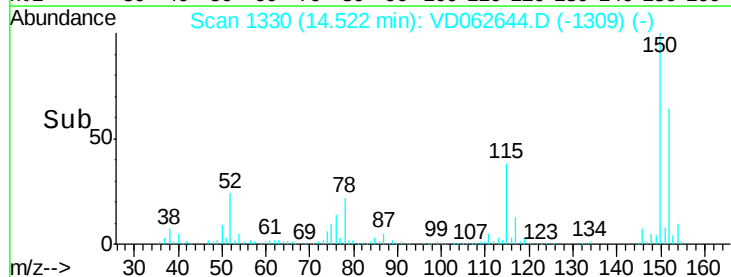
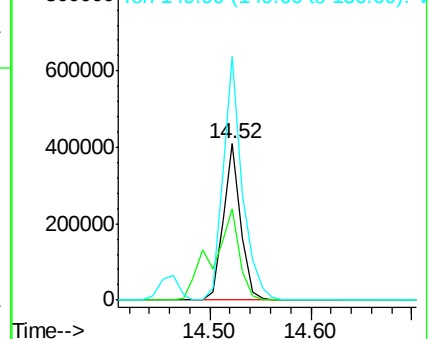
152 100

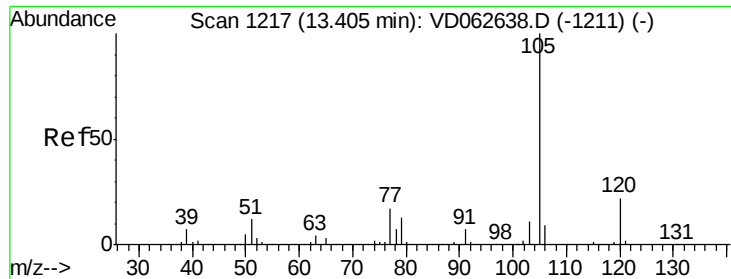
115 58.8 30.1 90.5

150 155.8 0.0 314.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.599 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion:105 Resp: 1861263

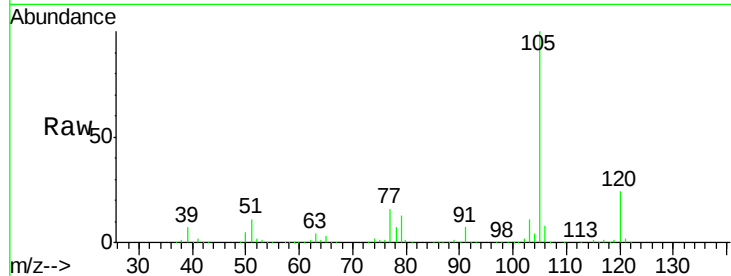
Ion Ratio Lower Upper

105 100

120 23.9 10.9 32.7

Manual Integrations
APPROVED

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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

1500000

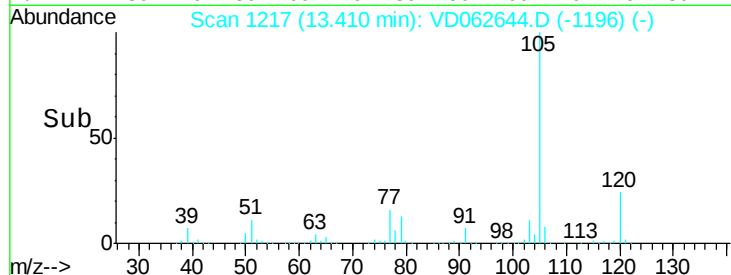
1300000

1000000

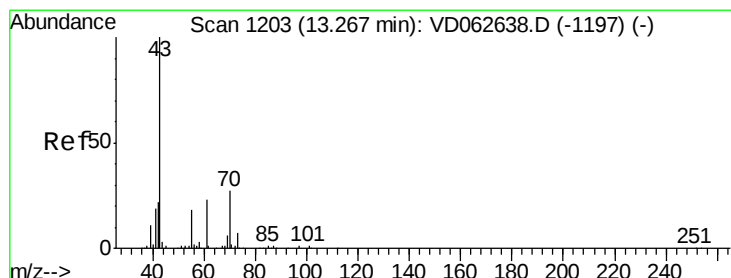
500000

0

13.30 13.40 13.50



Time-->



#74

N-ethyl acetate

Concen: 51.086 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion: 43 Resp: 479440

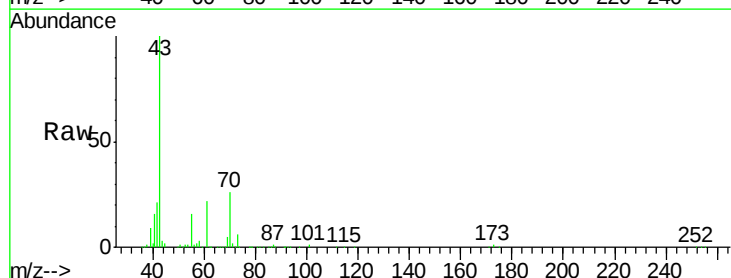
Ion Ratio Lower Upper

43 100

70 26.5 21.8 32.8

55 16.1 14.6 21.8

61 22.1 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

500000

400000

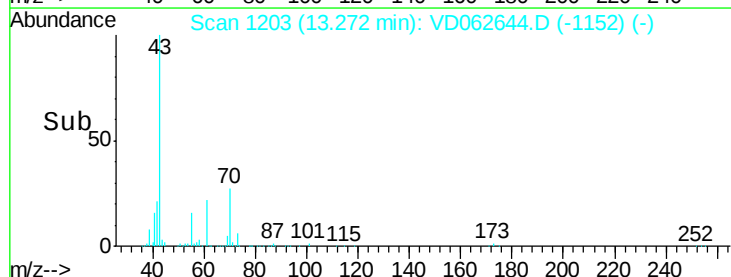
300000

200000

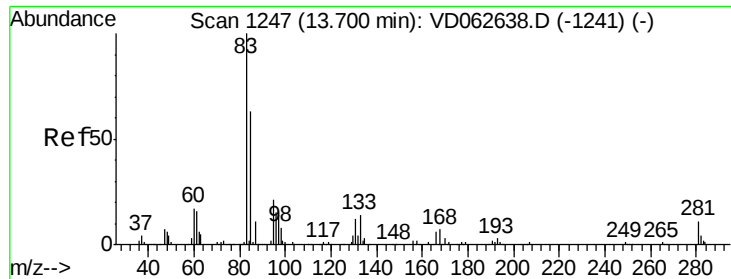
100000

0

13.20 13.30



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 45.985 ug/l

RT: 13.71 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

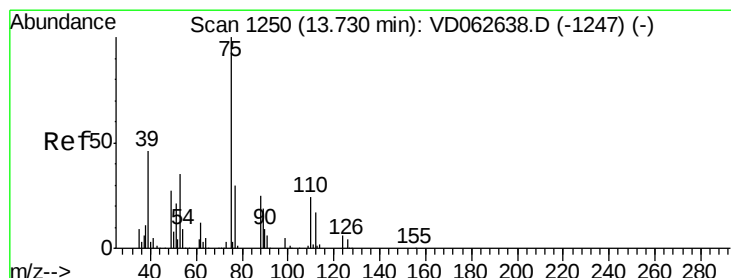
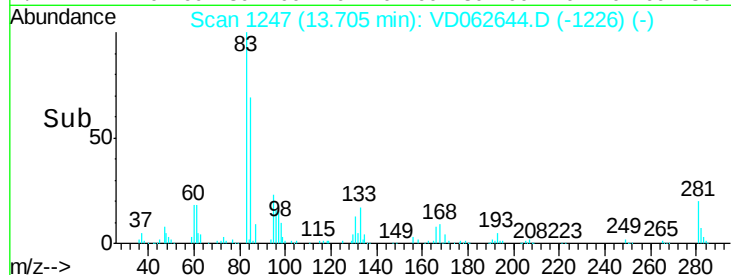
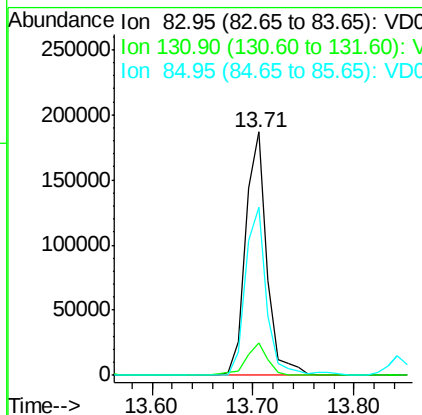
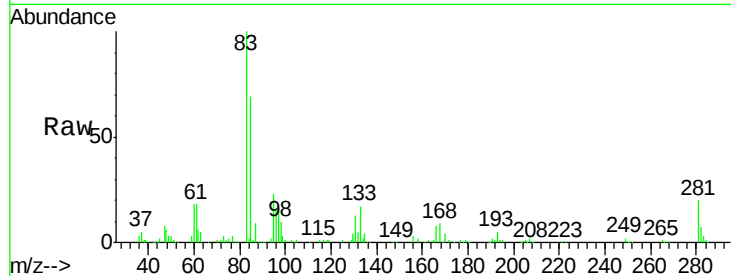
ClientSampleId :

ICVVD060719

Tot Ion:	83	Resp:	273234
Ion Ratio	Lower	Upper	
83	100		
131	13.2	5.9	17.7
85	68.9	31.3	93.9

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#76

1,2,3-Trichloropropane

Concen: 47.143 ug/l

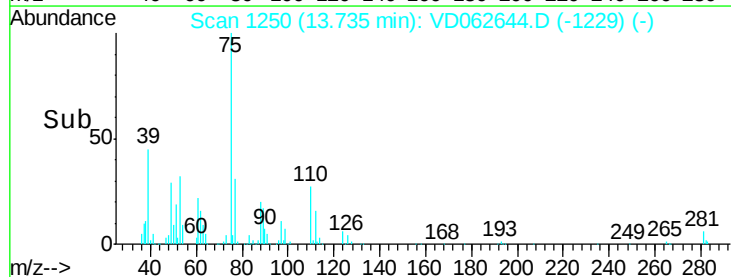
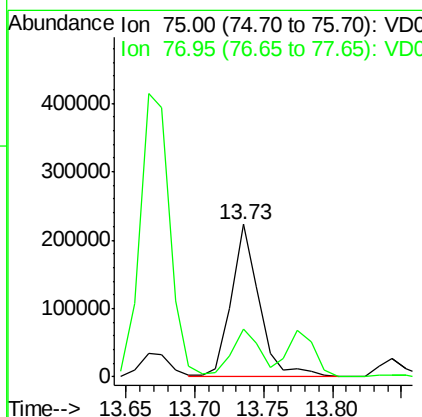
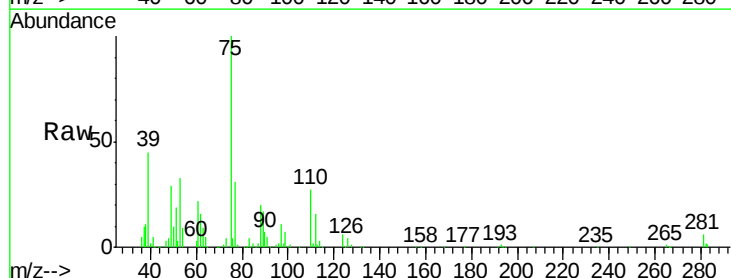
RT: 13.73 min Scan# 1250

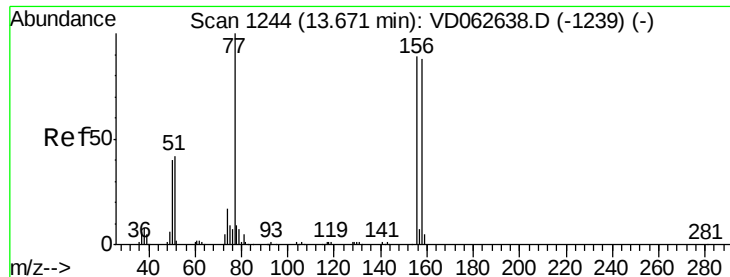
Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Tgt Ion:	75	Resp:	314923
Ion Ratio	Lower	Upper	
75	100		
77	31.2	16.2	48.6





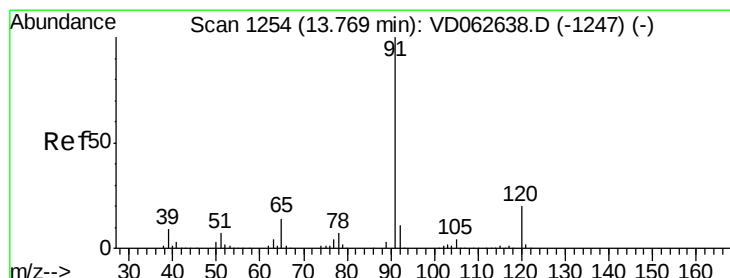
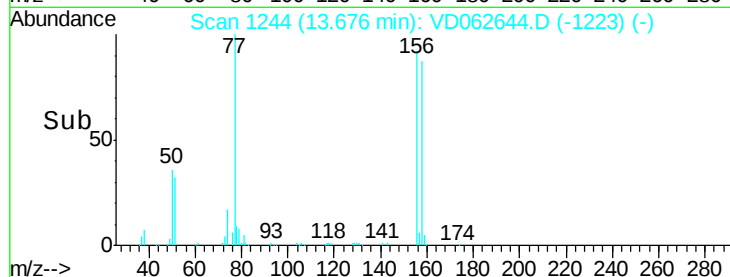
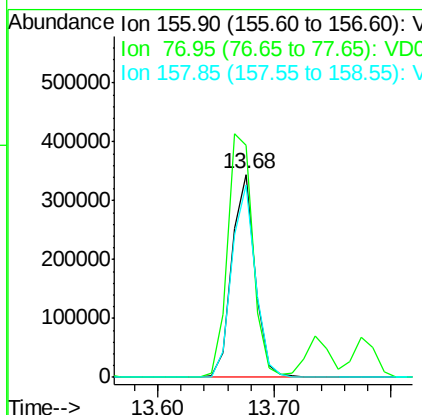
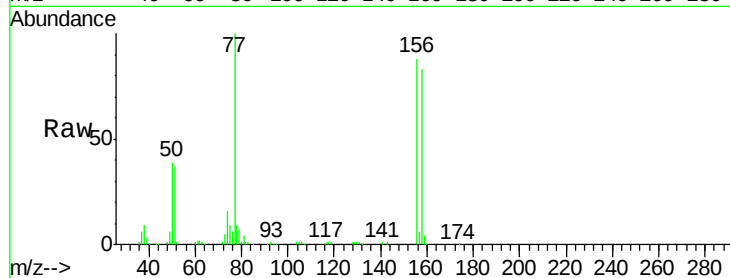
#77
Bromobenzene
Concen: 47.926 ug/l
RT: 13.68 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ratio	Lower	Upper
156	100		
77	114.0	56.3	168.8
158	95.0	49.6	148.8

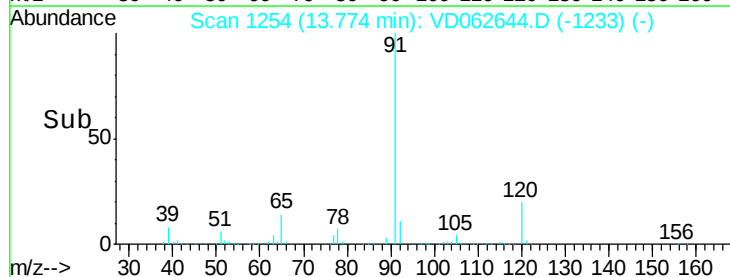
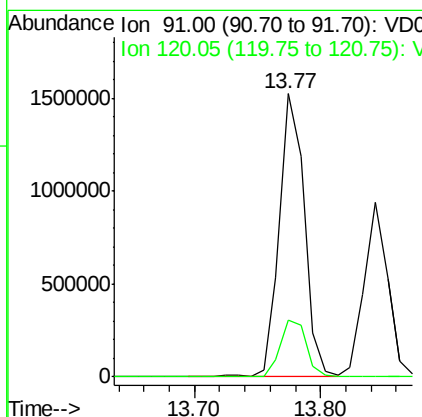
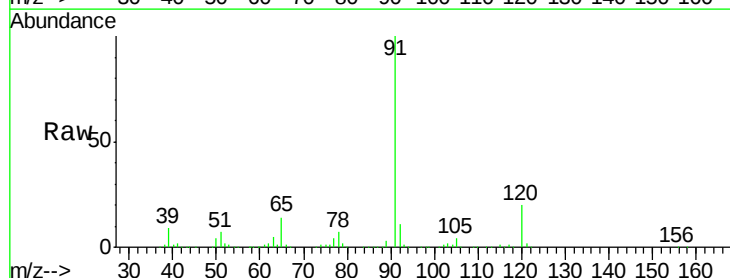
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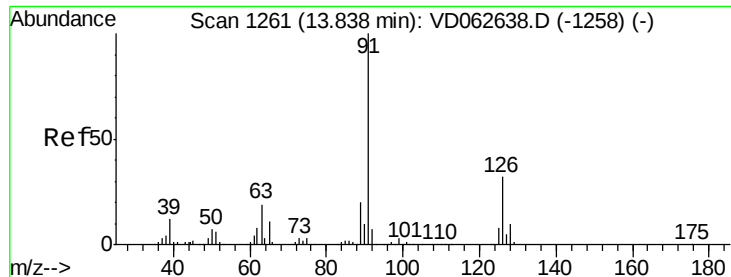
MMDadoda
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#78
n-propylbenzene
Concen: 49.812 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	19.9	9.8	29.5





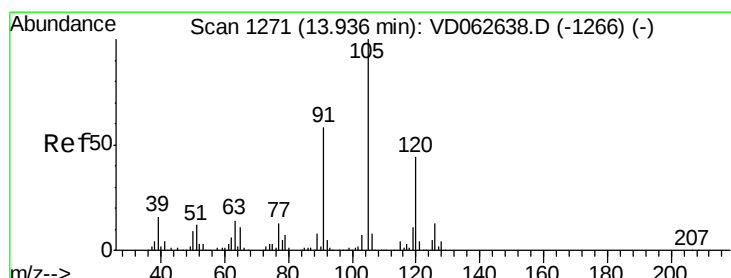
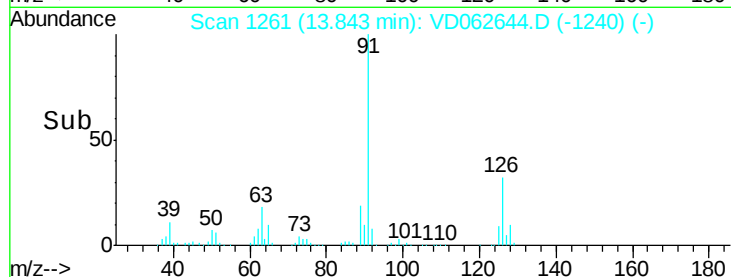
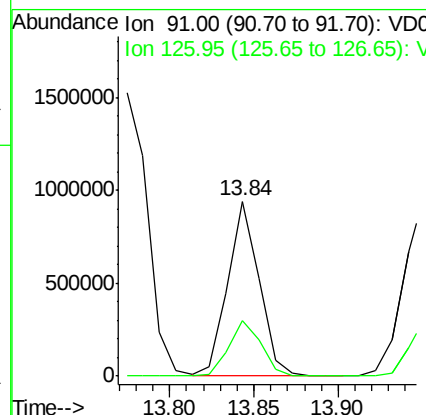
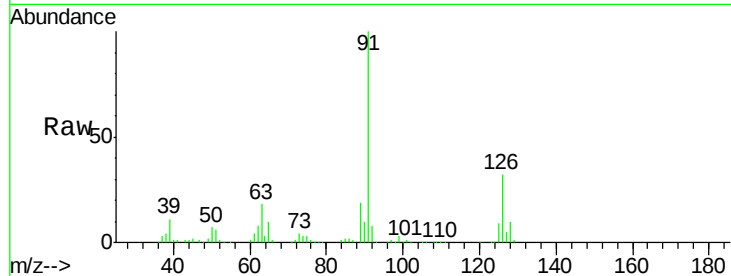
#79
 2-Chlorotoluene
 Concen: 48.769 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion: 91 Resp: 1213775
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.8 47.4

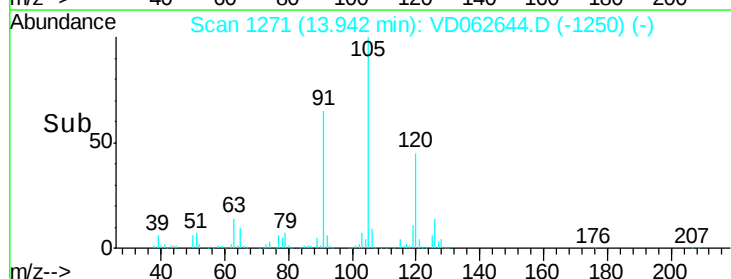
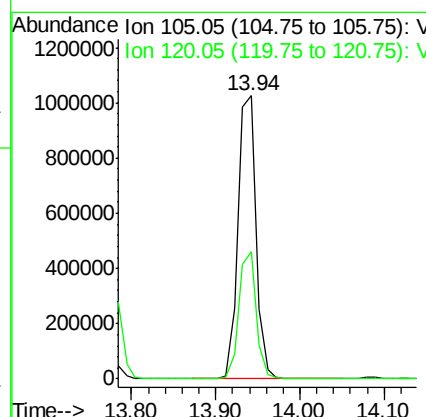
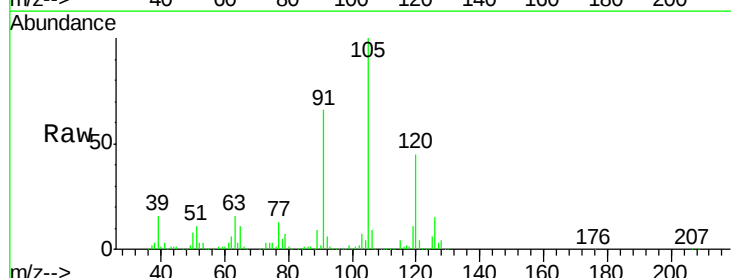
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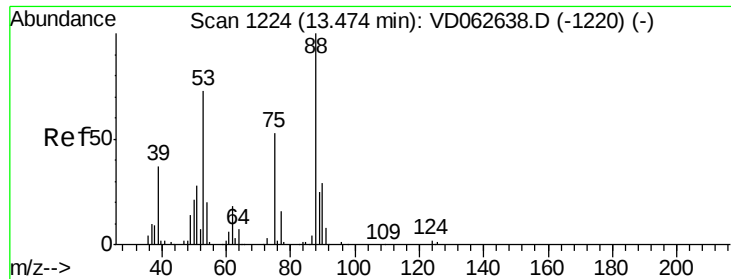
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.720 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion: 105 Resp: 1525931
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5





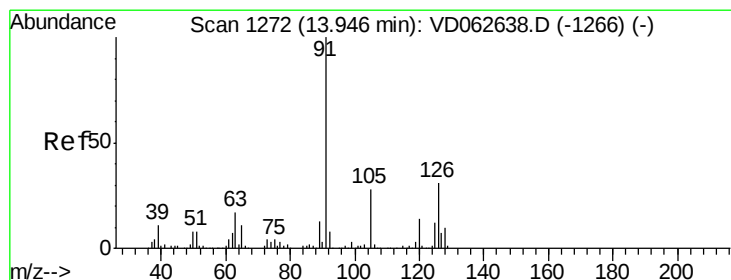
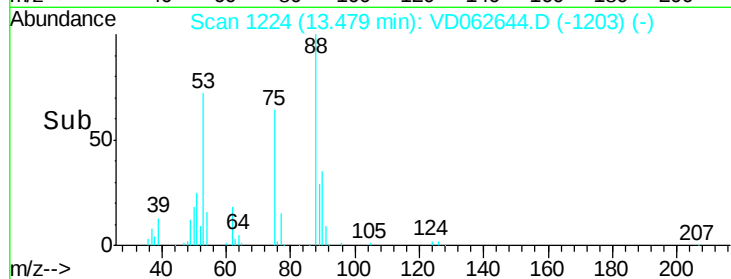
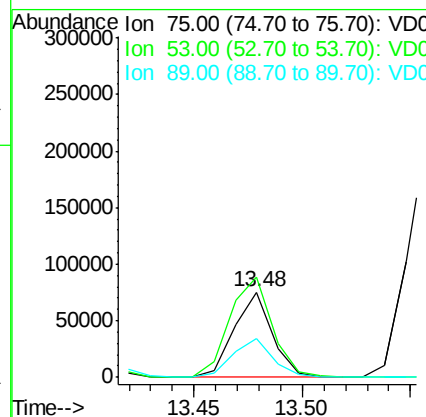
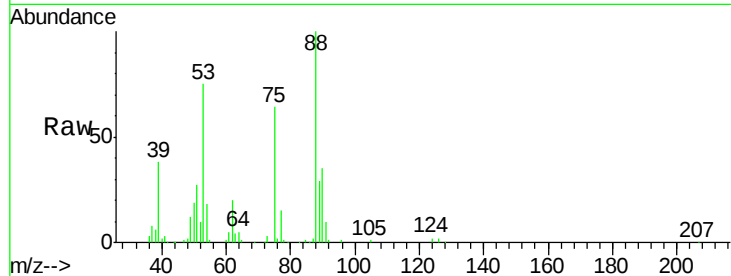
#81
trans-1,4-Dichloro-2-butene
Concen: 47.414 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.0	109.4	164.2
89	45.3	37.0	55.6

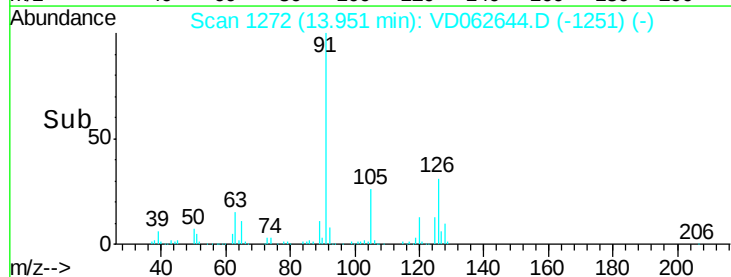
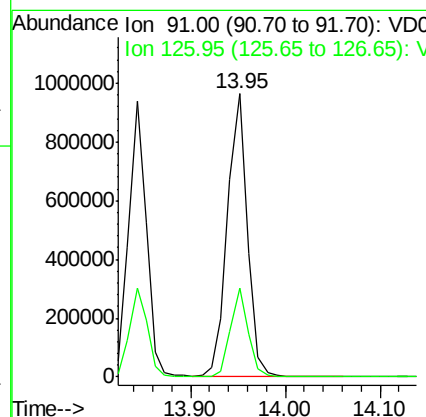
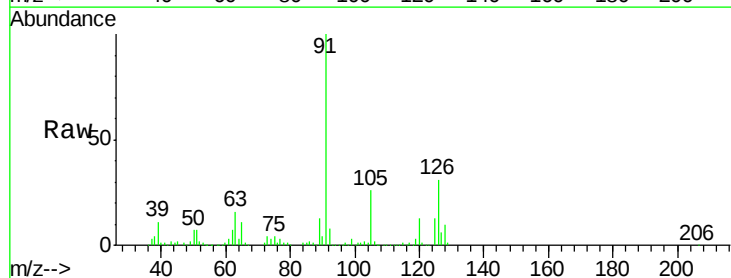
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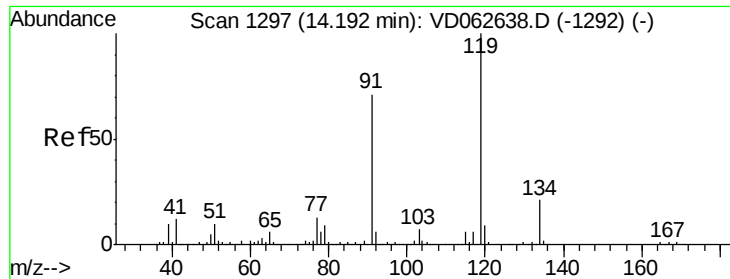
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.132 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.6	46.8





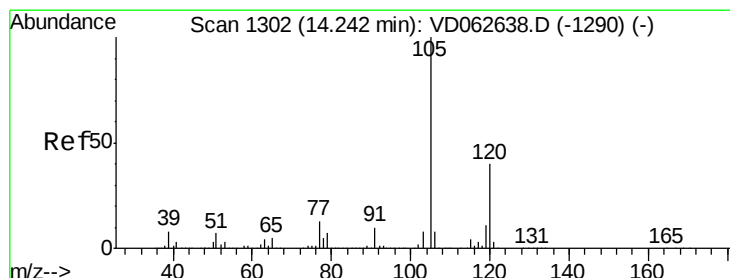
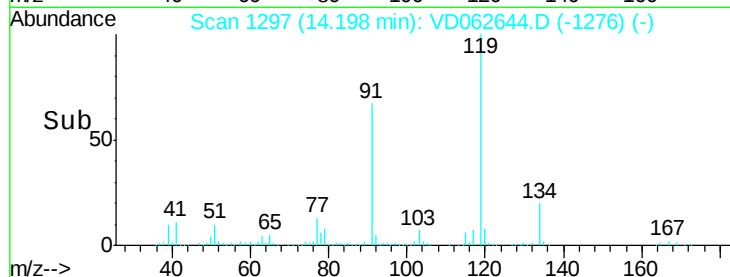
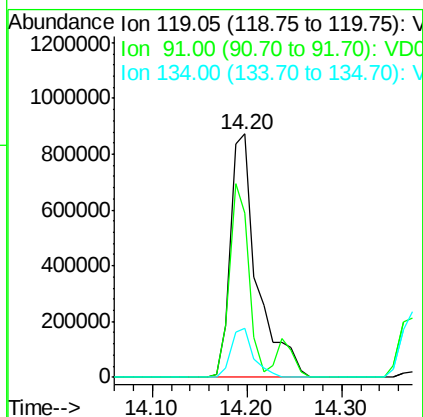
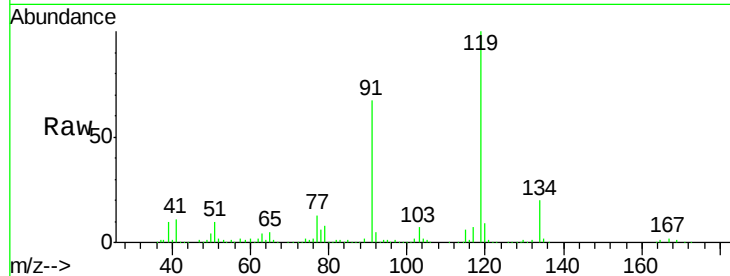
#83
 tert-Butylbenzene
 Concen: 50.818 ug/l
 RT: 14.20 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion:119 Resp: 1720195
 Ion Ratio Lower Upper
 119 100
 91 67.5 35.4 106.1
 134 20.0 10.8 32.3

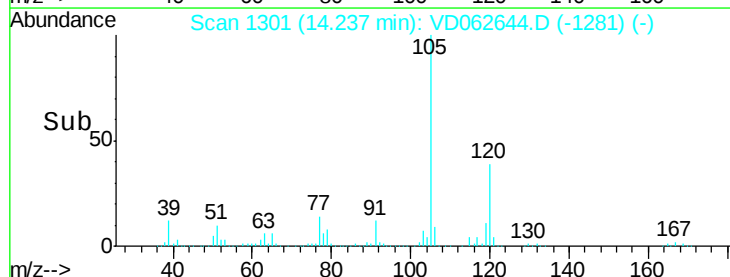
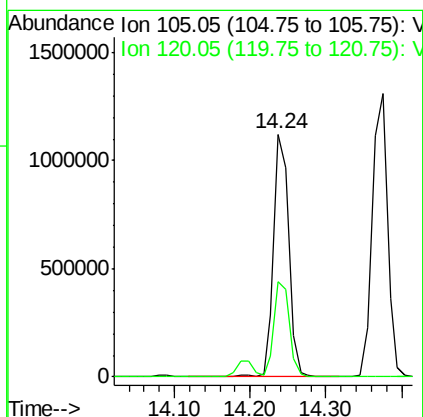
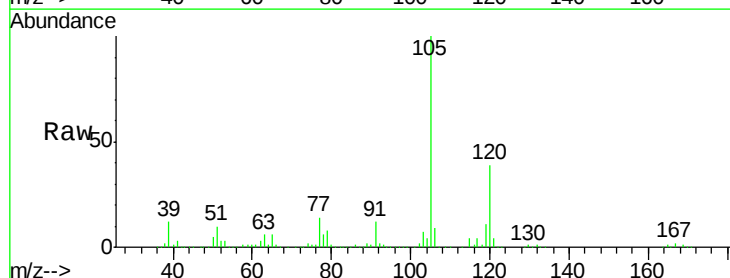
Manual Integrations
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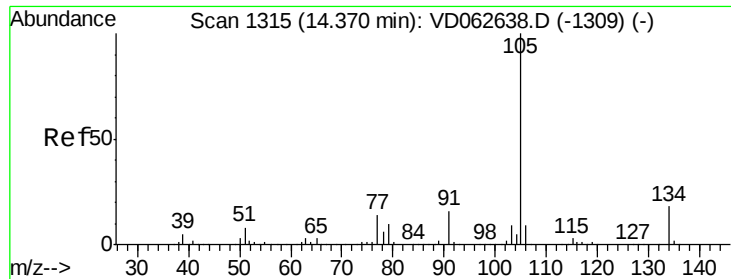
MMDadoda
 6/11/2019 2:17:26 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.375 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion:105 Resp: 1561112
 Ion Ratio Lower Upper
 105 100
 120 39.4 20.3 60.8





#85

sec-Butylbenzene

Concen: 51.238 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060719

Tot Ion:105 Resp: 1818708

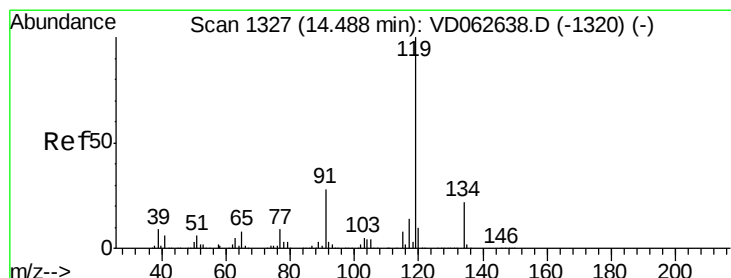
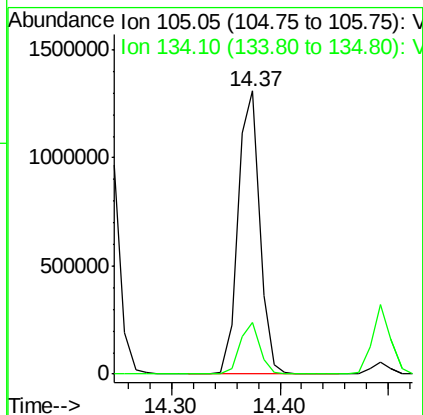
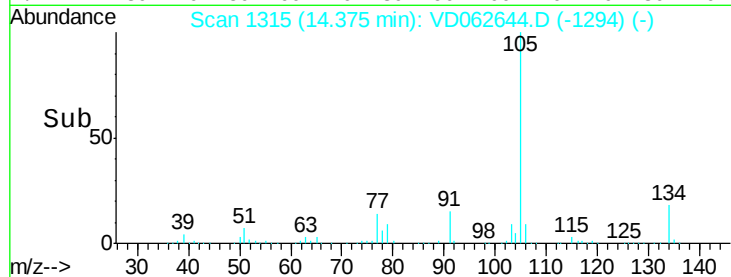
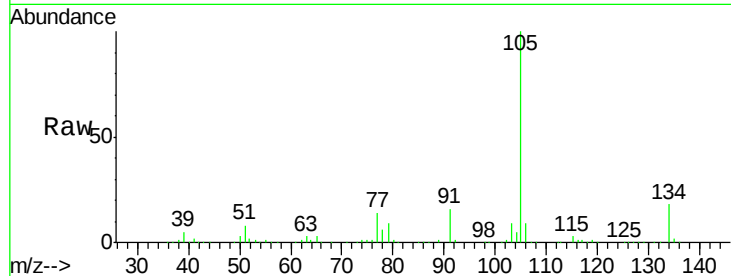
Ion Ratio Lower Upper

105 100

134 18.0 8.8 26.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.868 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.01 min

Lab File: VD062644.D

Acq: 7 Jun 2019 17:07

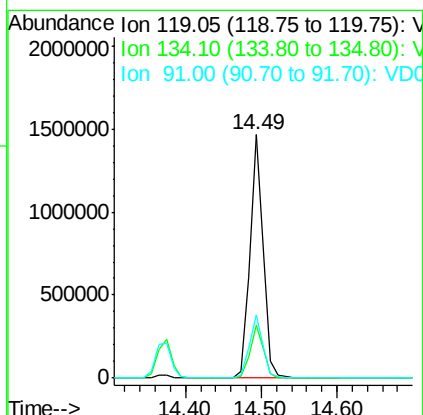
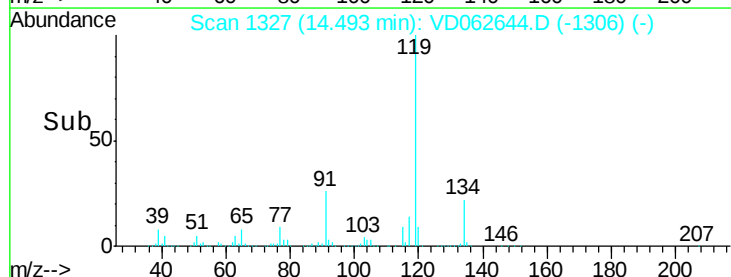
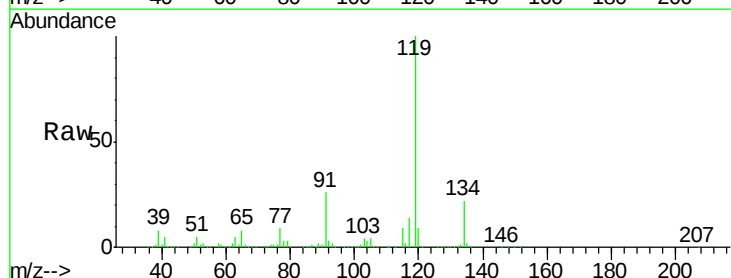
Tgt Ion:119 Resp: 1757952

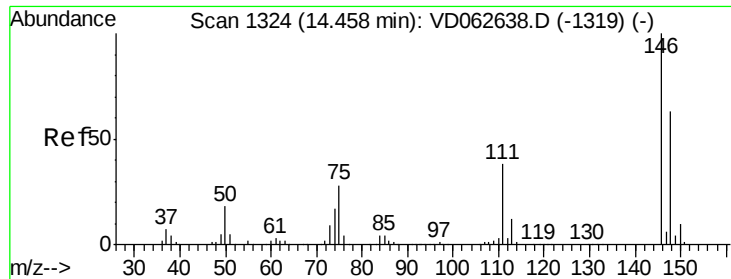
Ion Ratio Lower Upper

119 100

134 21.9 10.9 32.6

91 26.1 13.9 41.6





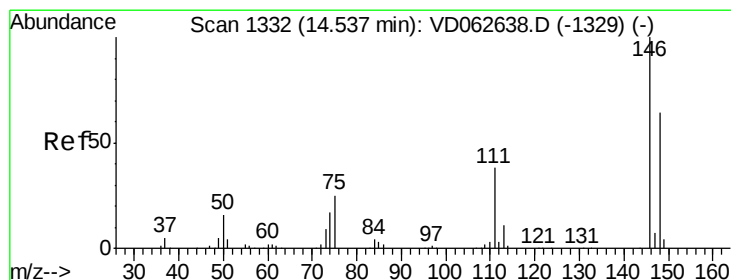
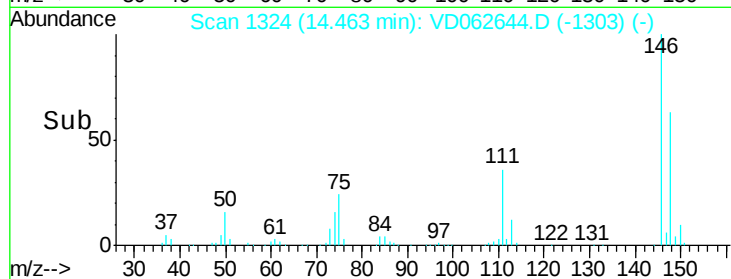
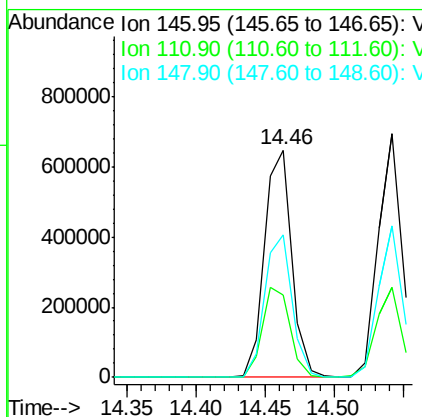
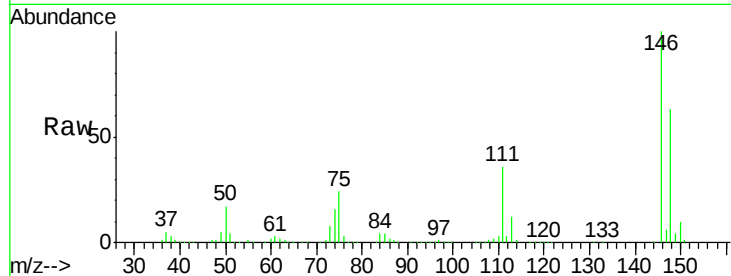
#87
 1,3-Dichlorobenzene
 Concen: 49.735 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.2	57.6
148	62.7	31.6	95.0

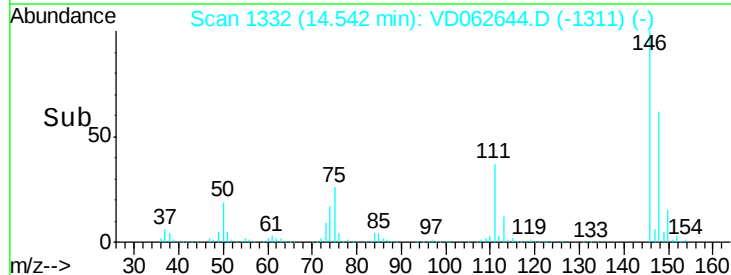
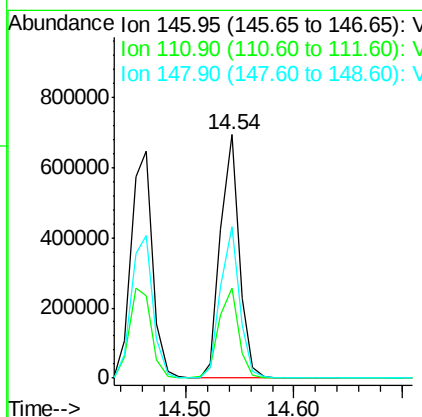
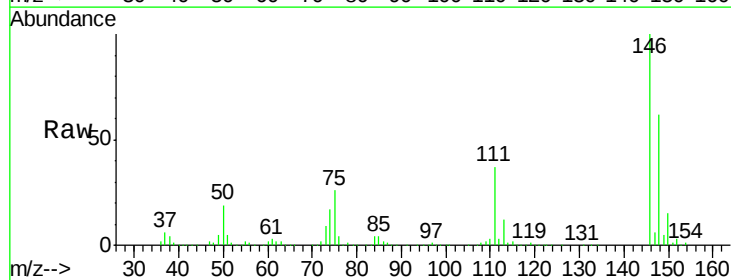
Manual Integrations
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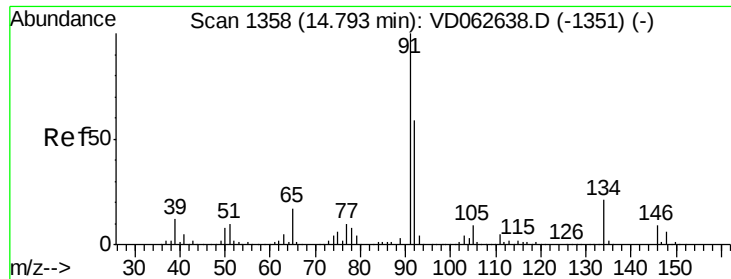
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.736 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	62.3	32.3	96.8





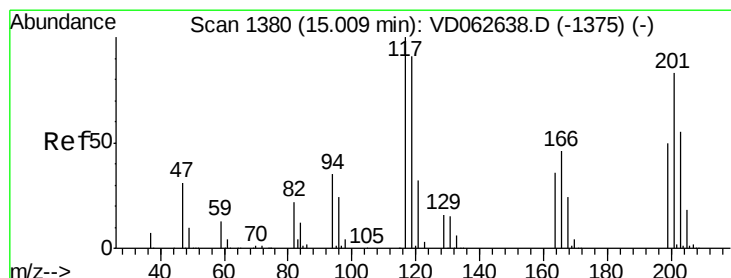
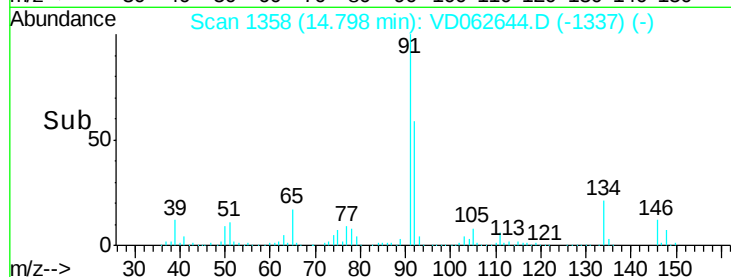
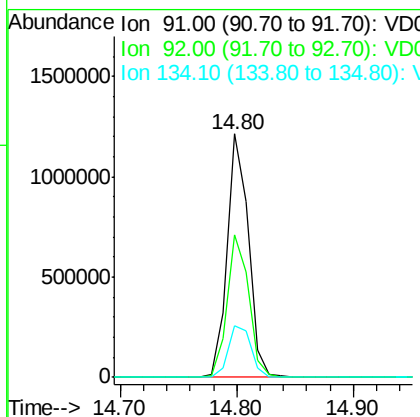
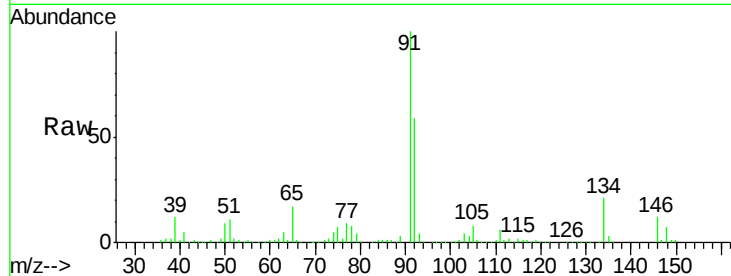
#89
n-Butylbenzene
Concen: 49.320 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion: 91 Resp: 1533388
Ion Ratio Lower Upper
91 100
92 58.5 29.4 88.3
134 21.1 10.4 31.2

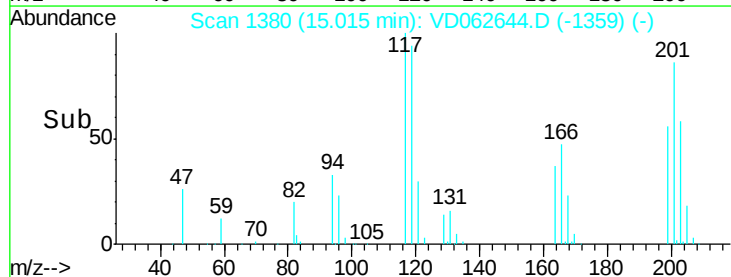
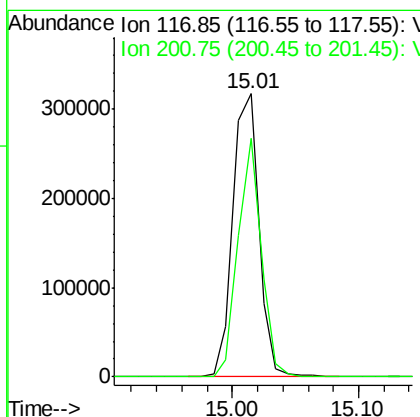
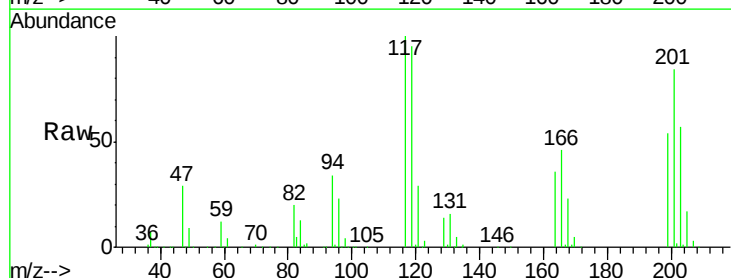
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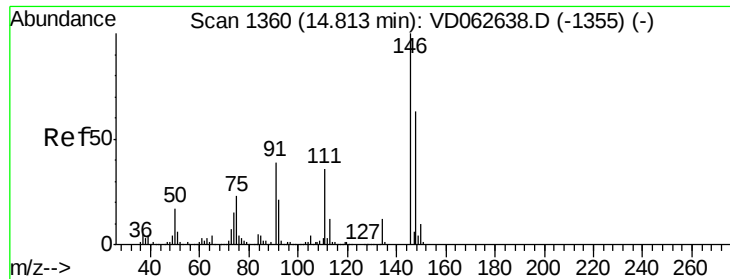
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#90
Hexachloroethane
Concen: 49.393 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion: 117 Resp: 450631
Ion Ratio Lower Upper
117 100
201 84.5 41.5 124.6





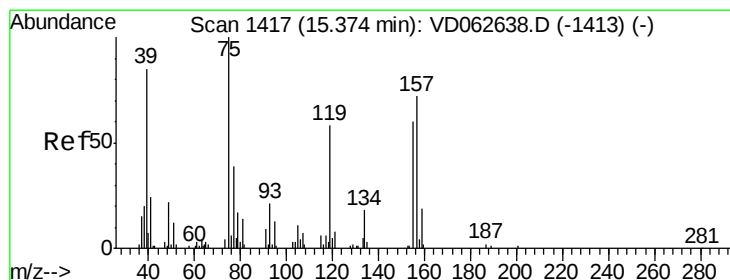
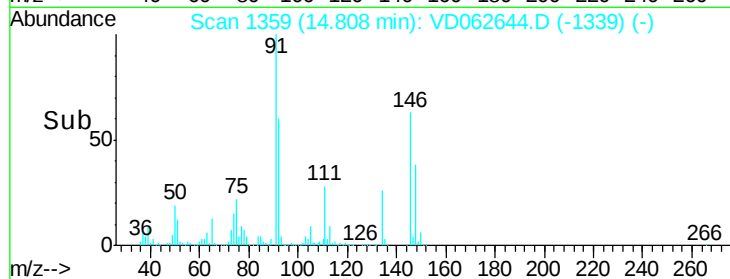
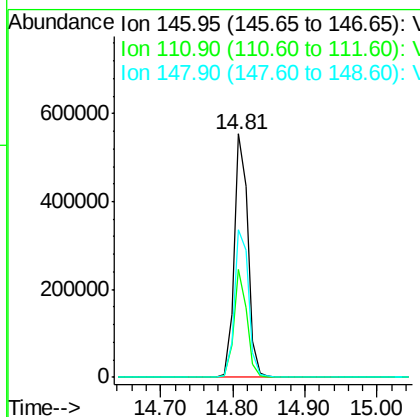
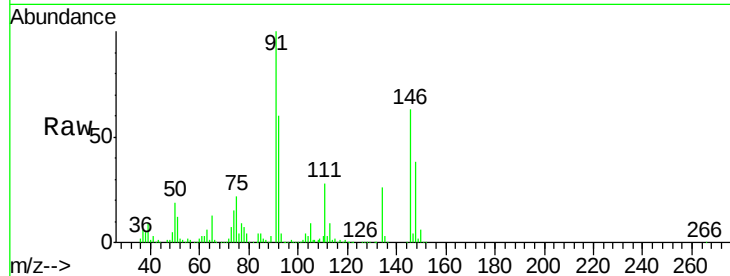
#91
 1,2-Dichlorobenzene
 Concen: 49.475 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	18.1	54.3
148	60.7	31.4	94.0

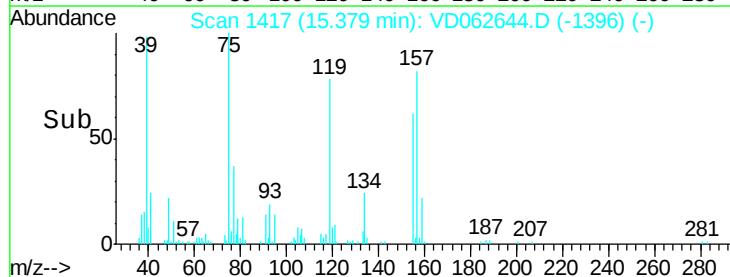
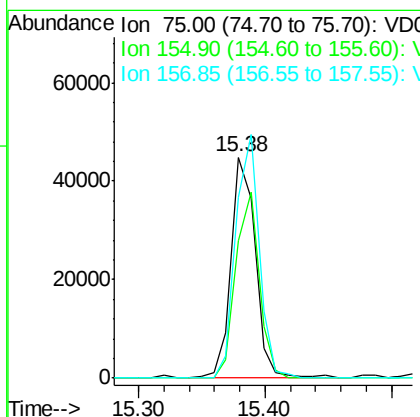
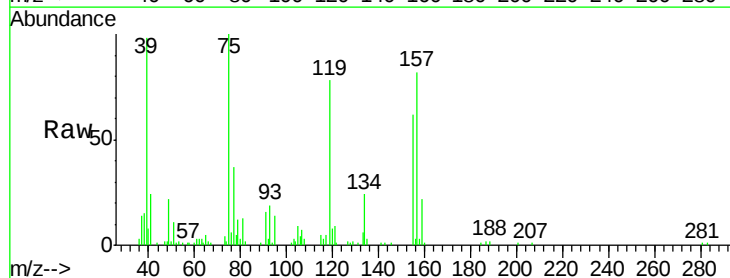
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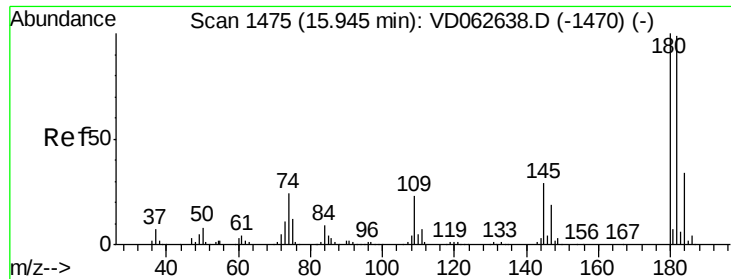
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.104 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.3	30.1	90.5
157	81.7	35.9	107.8





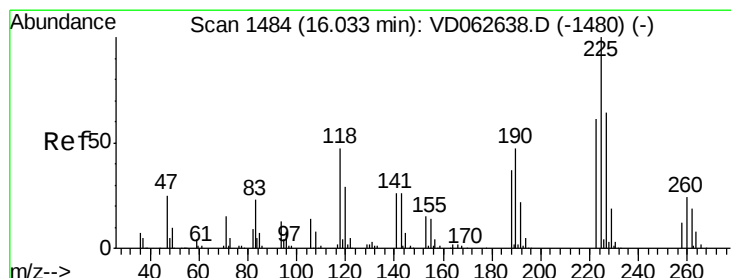
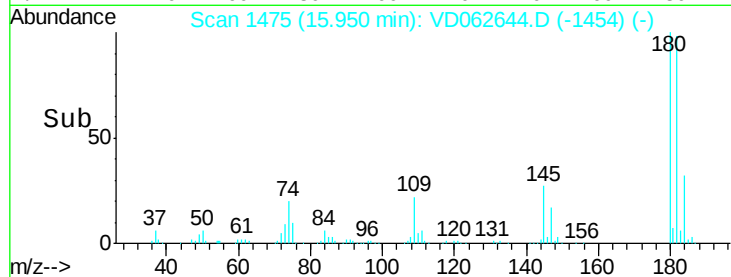
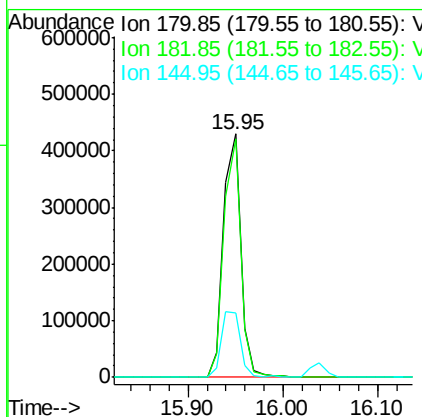
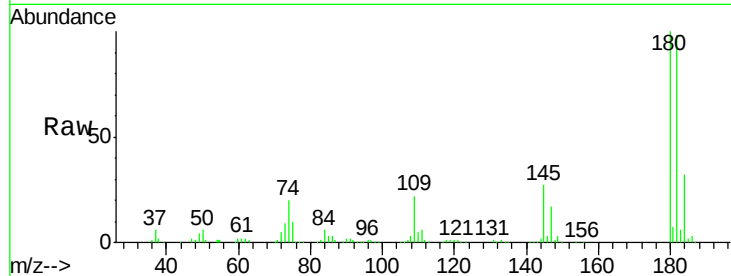
#93
 1,2,4-Trichlorobenzene
 Concen: 44.036 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060719

Tot Ion	Ratio	Resp	Lower	Upper
180	100	552537		
182	98.0	49.4	148.2	
145	26.6	14.5	43.6	

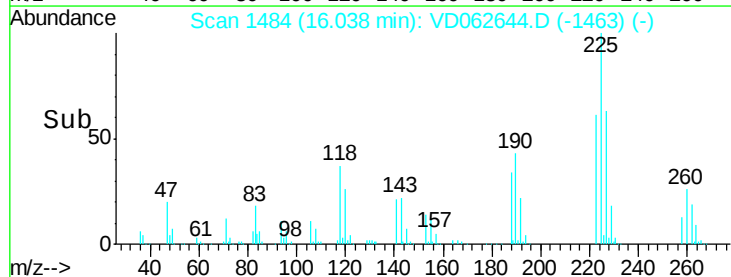
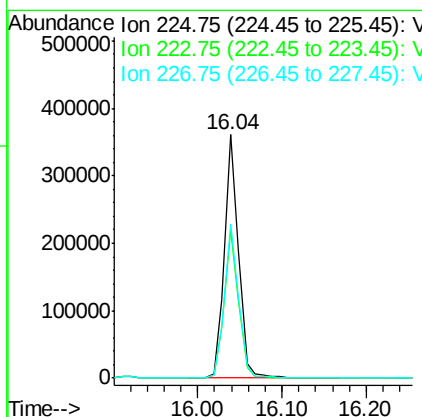
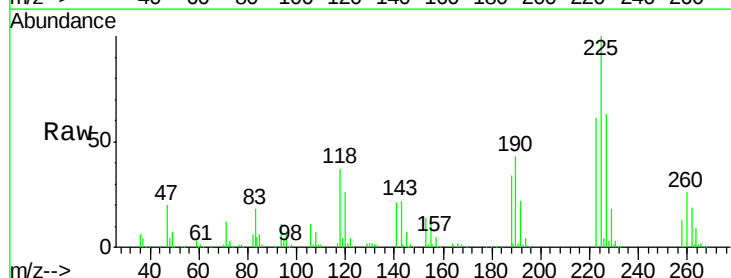
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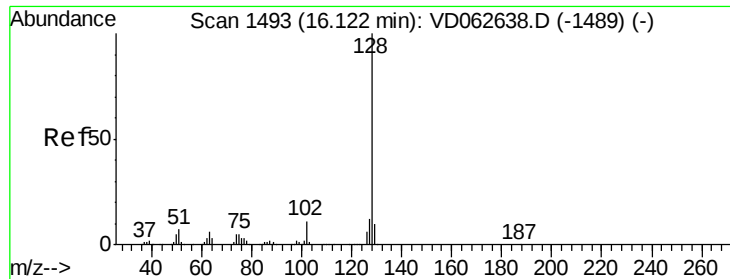
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#94
 Hexachlorobutadiene
 Concen: 47.813 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: VD062644.D
 Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	421927		
223	60.5	30.3	91.0	
227	63.0	31.8	95.4	





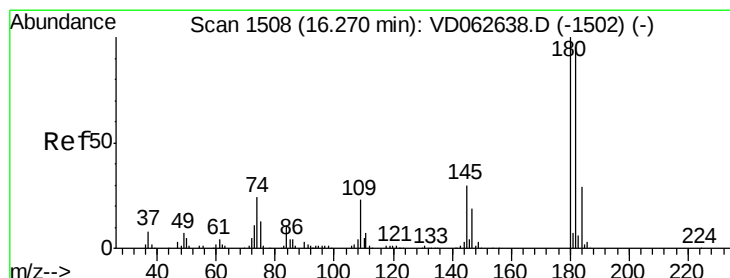
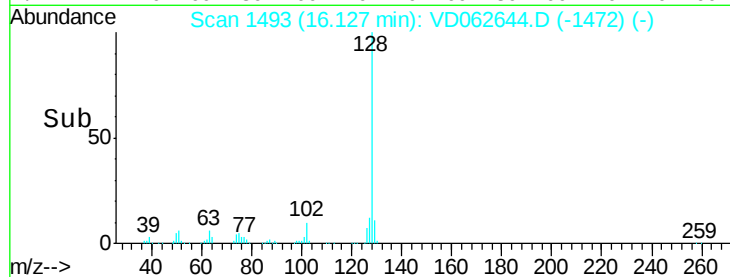
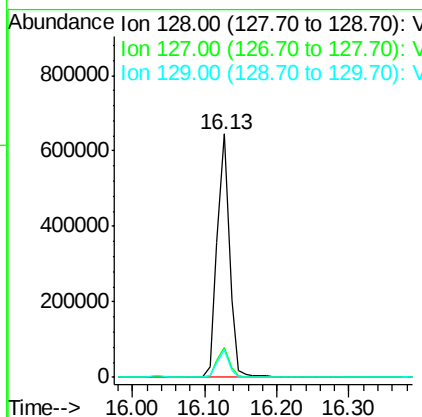
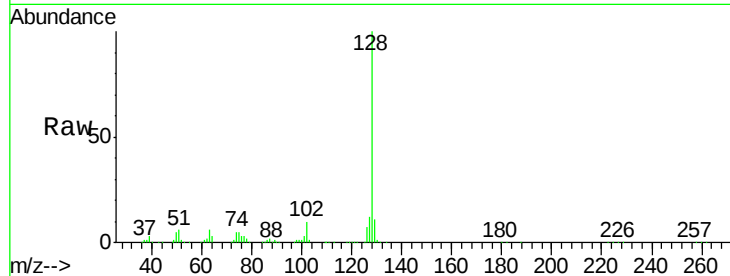
#95
Naphthalene
Concen: 43.040 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060719

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.7	14.5
129	11.1	8.1	12.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.908 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VD062644.D
Acq: 7 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.2	47.7	143.1
145	29.8	15.0	45.0

