

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067714.D
 Acq On : 19 Nov 2020 17:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 10:06:21 AM

Quant Time: Nov 20 01:23:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	254333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	347343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	106636	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.92	113	105334	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.34	98	361638	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.64	95	133271	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	93409	44.909	ug/l	98
3) Chloromethane	2.21	50	57333	36.200	ug/l	95
4) Vinyl Chloride	2.35	62	69453	39.333	ug/l	98
5) Bromomethane	2.77	94	61600	43.041	ug/l	99
6) Chloroethane	2.92	64	48206	44.281	ug/l	97
7) Trichlorofluoromethane	3.28	101	219624	48.036	ug/l	96
8) Diethyl Ether	3.71	74	44854	48.688	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	109210	47.321	ug/l	97
10) Methyl Iodide	4.31	142	109368	44.216	ug/l	95
11) Tert butyl alcohol	5.21	59	32259	344.223	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	96768	45.585	ug/l	96
13) Acrolein	3.93	56	20514	212.610	ug/l	98
14) Allyl chloride	4.72	41	100034	44.031	ug/l	92
15) Acrylonitrile	5.42	53	85659	251.534	ug/l	98
16) Acetone	4.16	43	84353	253.473	ug/l	95
17) Carbon Disulfide	4.41	76	265531	40.821	ug/l	98
18) Methyl Acetate	4.71	43	34982	50.869	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	230584	55.069	ug/l	97
20) Methylene Chloride	4.97	84	116149	49.409	ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	113064	45.729	ug/l	95
22) Diisopropyl ether	6.37	45	215178	48.602	ug/l #	92
23) Vinyl Acetate	6.30	43	599860	258.840	ug/l	96
24) 1,1-Dichloroethane	6.27	63	172064	47.506	ug/l	98
25) 2-Butanone	7.21	43	91846	258.289	ug/l	96
26) 2,2-Dichloropropane	7.21	77	189768	49.644	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	129979	50.648	ug/l	99
28) Bromochloromethane	7.54	49	60716	47.127	ug/l	87
29) Tetrahydrofuran	7.56	42	53921	253.148	ug/l	92
30) Chloroform	7.71	83	217948	50.439	ug/l	97
31) Cyclohexane	7.99	56	132448	41.064	ug/l #	90
32) 1,1,1-Trichloroethane	7.91	97	223606	50.155	ug/l	99
36) 1,1-Dichloropropene	8.12	75	153430	48.266	ug/l	100
37) Ethyl Acetate	7.29	43	41188	49.907	ug/l	97
38) Carbon Tetrachloride	8.10	117	212800	51.523	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	182421	48.757	ug/l	97
40) Benzene	8.36	78	426482	49.529	ug/l	99
41) Methacrylonitrile	7.52	41	25088	50.856	ug/l	94
42) 1,2-Dichloroethane	8.43	62	142298	53.486	ug/l	98
43) Isopropyl Acetate	8.45	43	86100	52.752	ug/l	99
44) Trichloroethene	9.11	130	139847	49.393	ug/l	94
45) 1,2-Dichloropropane	9.39	63	91355	49.071	ug/l	99
46) Dibromomethane	9.48	93	61164	51.671	ug/l	98
47) Bromodichloromethane	9.67	83	173662	53.976	ug/l	99
48) Methyl methacrylate	9.46	41	42084	49.938	ug/l	87
49) 1,4-Dioxane	9.47	88	14495	1206.224	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	210396	269.535	ug/l	99
52) Toluene	10.41	92	295961	51.315	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	145189	52.690	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	167221	51.077	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	82516	52.685	ug/l	97
56) Ethyl methacrylate	10.67	69	88289	54.588	ug/l	98
57) 1,3-Dichloropropane	10.95	76	130198	51.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	193976	257.184	ug/l	99
59) 2-Hexanone	10.98	43	147428	270.119	ug/l	98
60) Dibromochloromethane	11.14	129	124478	53.727	ug/l	99
61) 1,2-Dibromoethane	11.25	107	79895	50.827	ug/l	97
64) Tetrachloroethene	10.88	164	124140	48.258	ug/l	96
65) Chlorobenzene	11.67	112	325695	48.678	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	137574	52.170	ug/l	97
67) Ethyl Benzene	11.75	91	576572	50.359	ug/l	99
68) m/p-Xylenes	11.86	106	453316	101.771	ug/l	100
69) o-Xylene	12.18	106	208752	52.492	ug/l	99
70) Styrene	12.20	104	361796	52.209	ug/l	98
71) Bromoform	12.36	173	70068	52.098	ug/l #	97
73) Isopropylbenzene	12.48	105	584811	51.030	ug/l	99
74) N-amyl acetate	12.29	43	75021	49.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	78673	50.344	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	58469m	54.659	ug/l	
77) Bromobenzene	12.77	156	141350	50.223	ug/l	97
78) n-propylbenzene	12.83	91	652380	49.768	ug/l	99
79) 2-Chlorotoluene	12.91	91	374939	50.353	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	504871	51.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	24852	47.168	ug/l	94
82) 4-Chlorotoluene	13.01	91	401370	50.259	ug/l	99
83) tert-Butylbenzene	13.23	119	427267	51.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	507680	52.097	ug/l	99
85) sec-Butylbenzene	13.40	105	571016	50.982	ug/l	99
86) p-Isopropyltoluene	13.52	119	549021	50.760	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	271884	50.627	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	268547	49.385	ug/l	99
89) n-Butylbenzene	13.84	91	468426	50.140	ug/l	99
90) Hexachloroethane	14.11	117	102069	50.112	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	236191	50.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15712	56.787	ug/l	97

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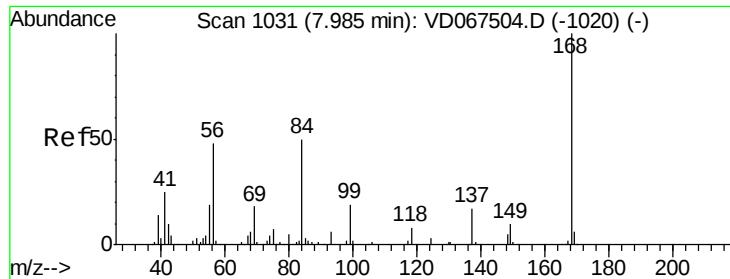
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	170375	54.008	ug/l	98
94) Hexachlorobutadiene	15.27	225	107471	50.903	ug/l	97
95) Naphthalene	15.40	128	279479	57.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	144775	53.593	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 254333

Ion Ratio Lower Upper

168 100

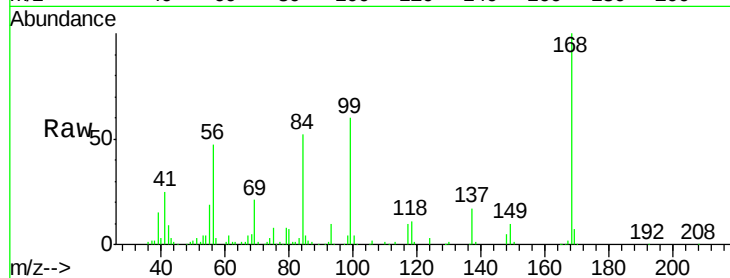
99 59.8 45.0 67.6

Manual Integrations

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11/20/2020 10:06:21 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

120000

100000

80000

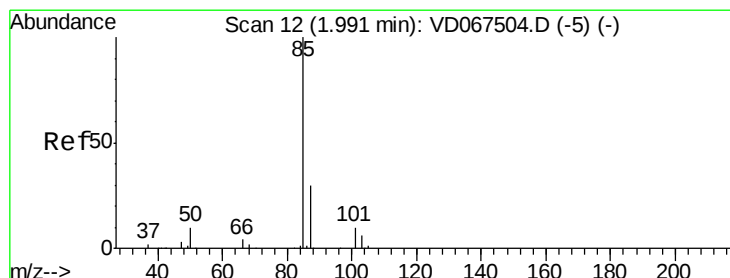
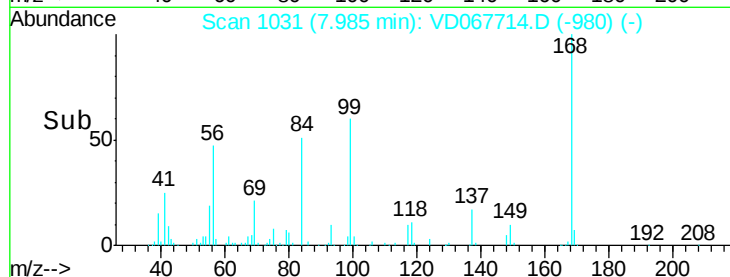
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.909 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067714.D

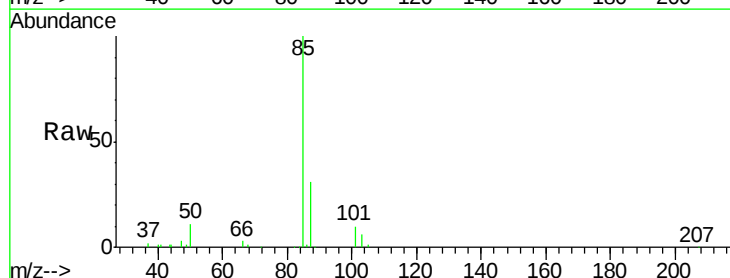
Acq: 19 Nov 2020 17:53

Tgt Ion: 85 Resp: 93409

Ion Ratio Lower Upper

85 100

87 31.3 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

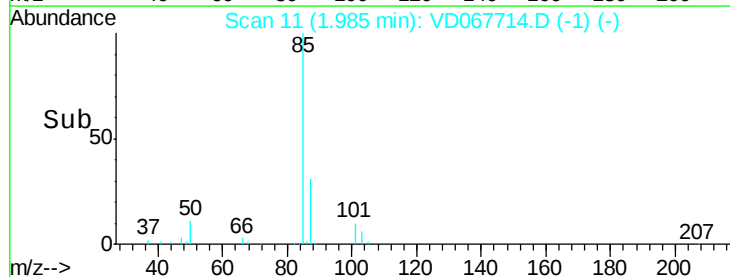
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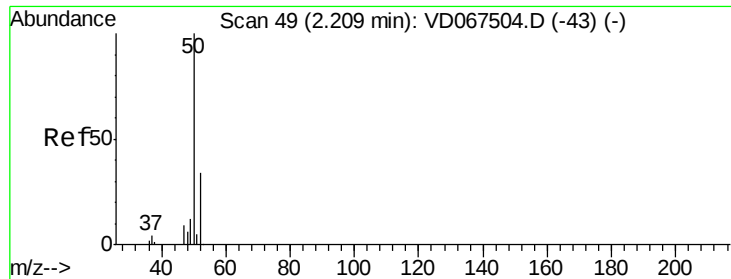
40000

20000

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Time-->





#3

Chloromethane

Concen: 36.200 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 57333

Ion Ratio Lower Upper

50 100

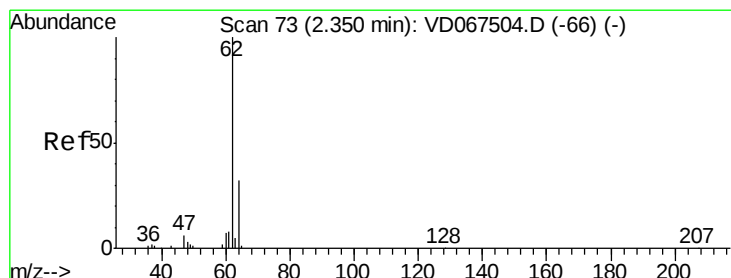
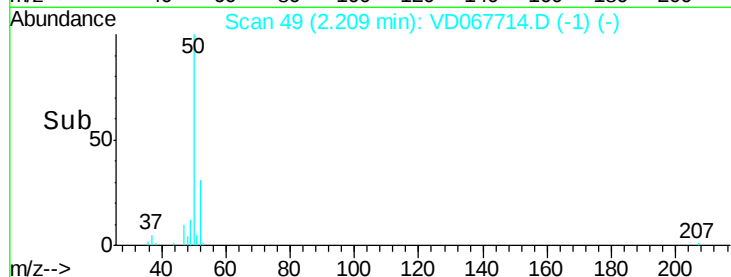
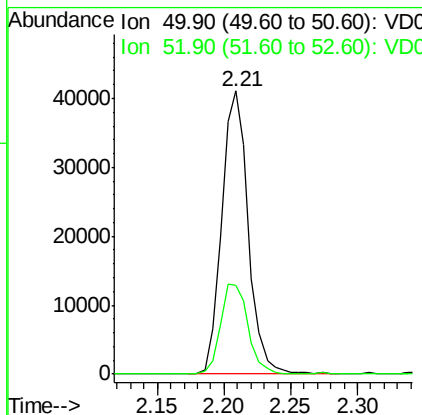
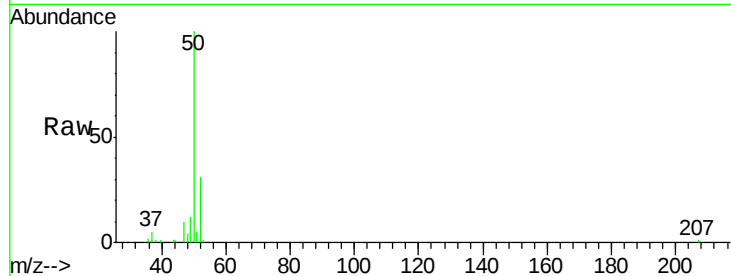
52 31.3 27.3 40.9

Manual Integrations

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11/20/2020 10:06:21 AM



#4

Vinyl Chloride

Concen: 39.333 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067714.D

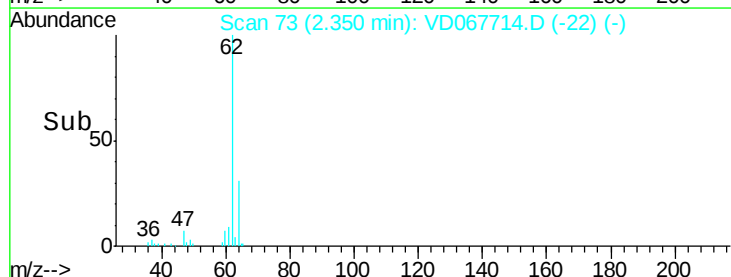
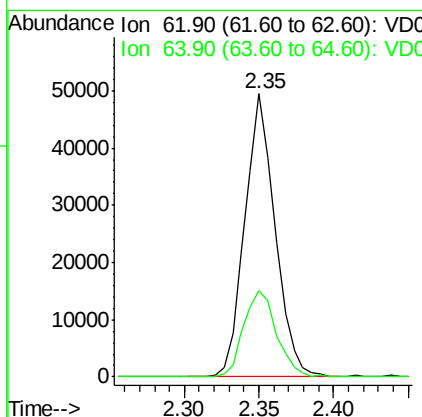
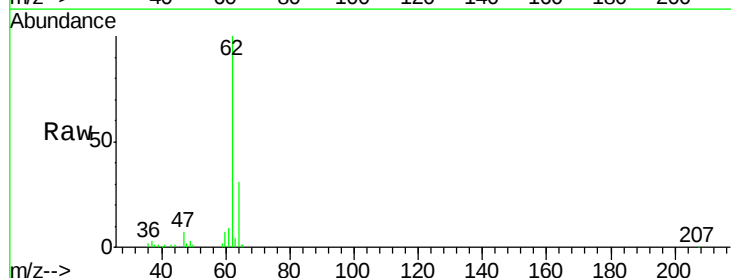
Acq: 19 Nov 2020 17:53

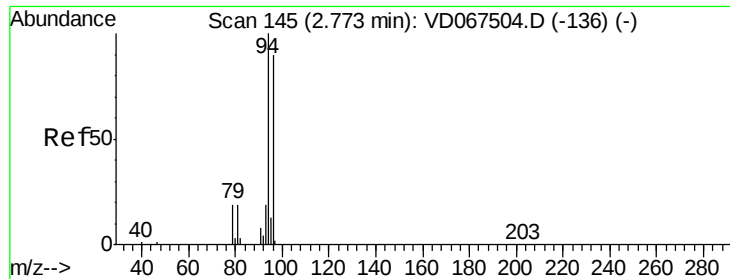
Tgt Ion: 62 Resp: 69453

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4





#5

Bromomethane

Concen: 43.041 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61600

Ion Ratio Lower Upper

94 100

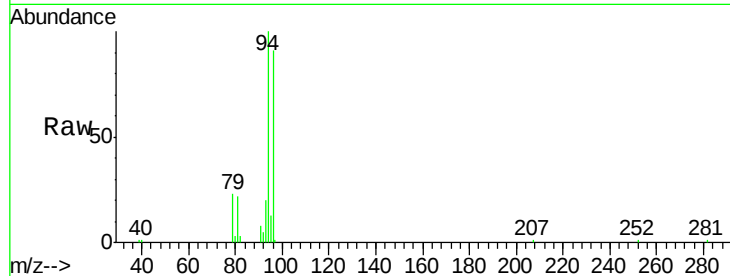
96 90.7 72.2 108.2

Manual Integrations

APPROVED

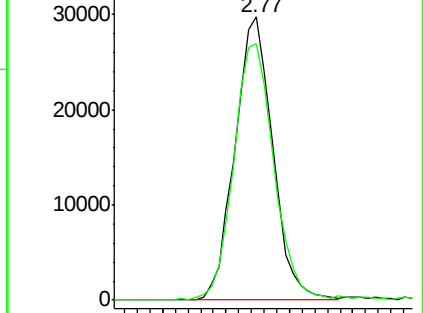
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11/20/2020 10:06:21 AM

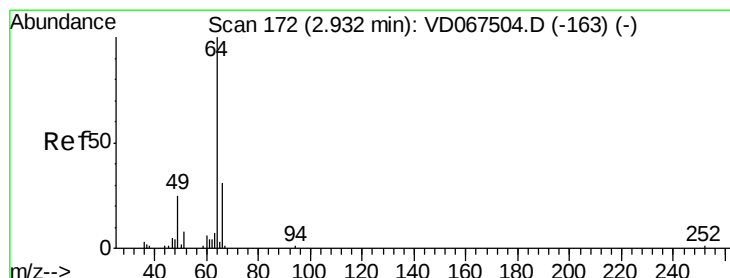
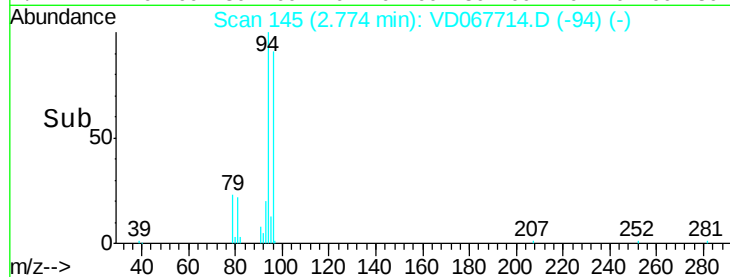


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 44.281 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067714.D

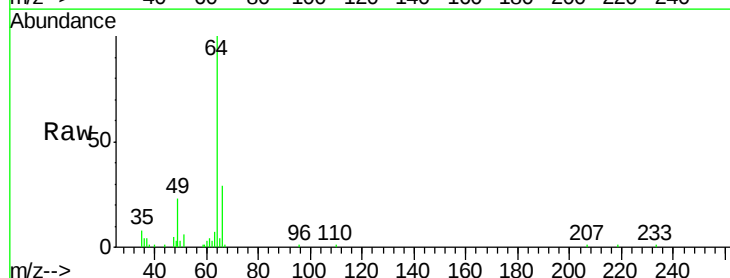
Acq: 19 Nov 2020 17:53

Tgt Ion: 64 Resp: 48206

Ion Ratio Lower Upper

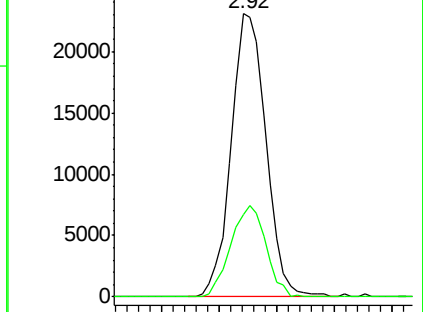
64 100

66 29.3 24.6 36.8

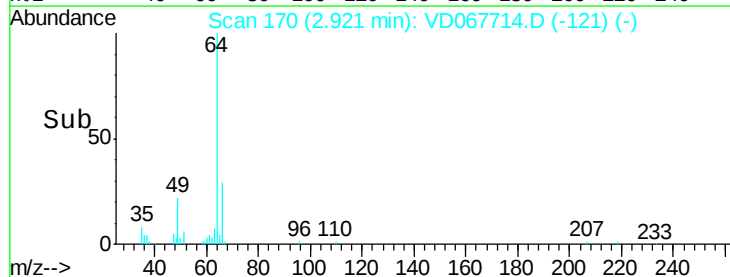


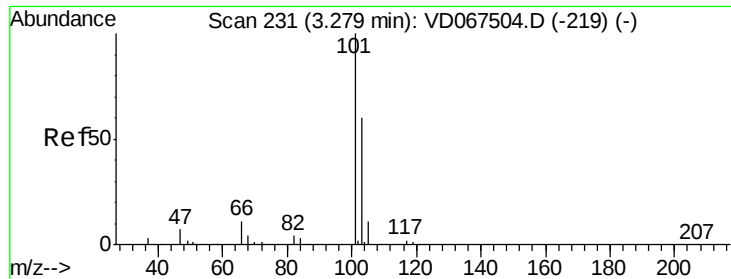
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

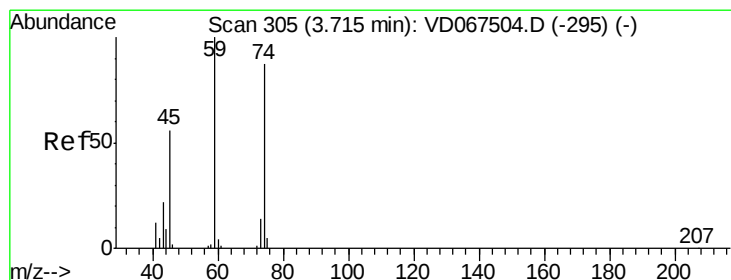
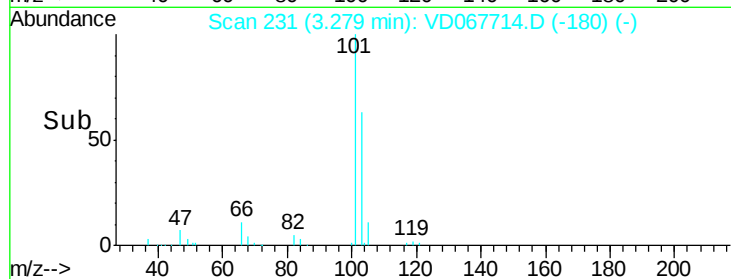
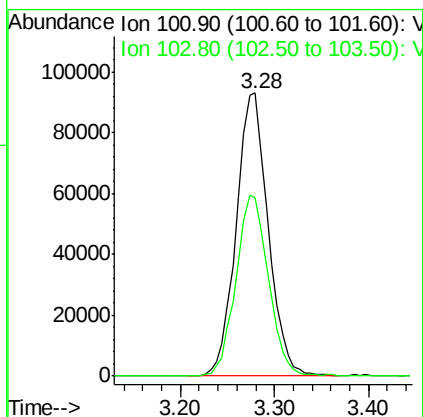
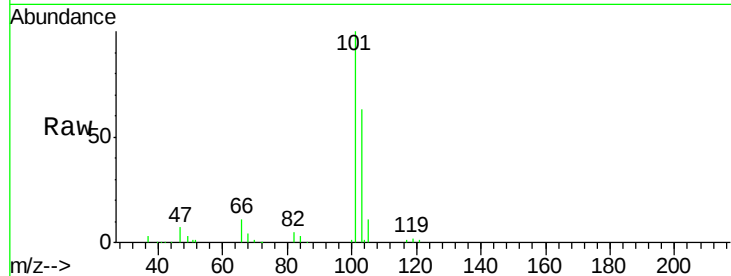
Trichlorofluoromethane
 Concen: 48.036 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	48.1	72.1

Manual Integrations
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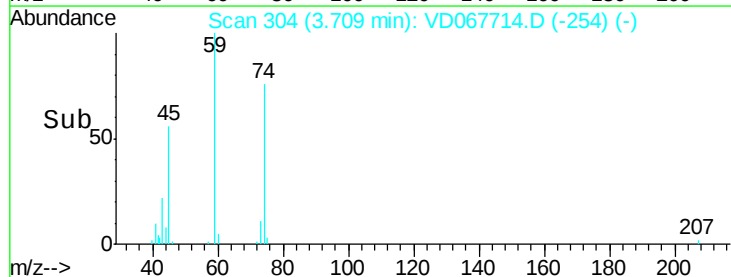
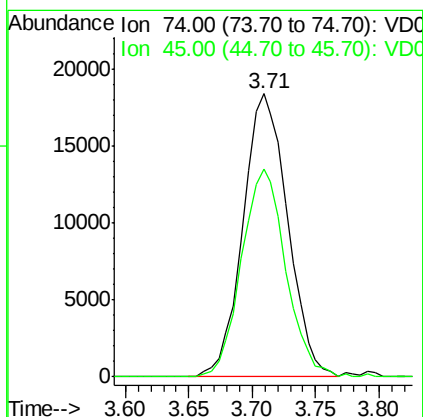
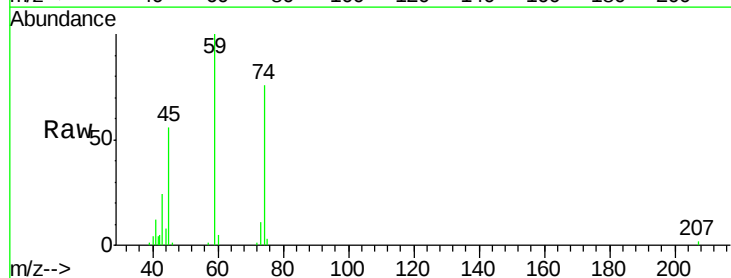
MMDadoda
 11/20/2020 10:06:21 AM

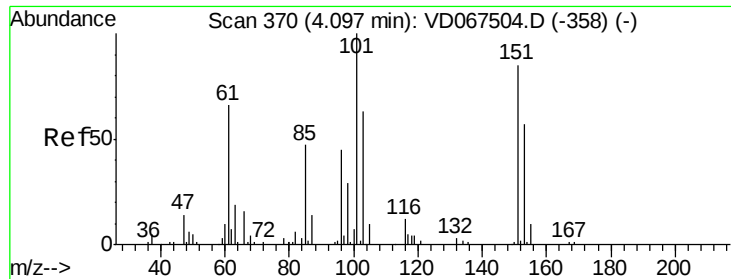


#8

Diethyl Ether
 Concen: 48.688 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.9	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.321 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

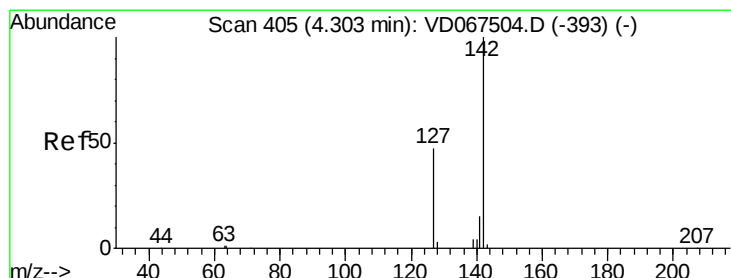
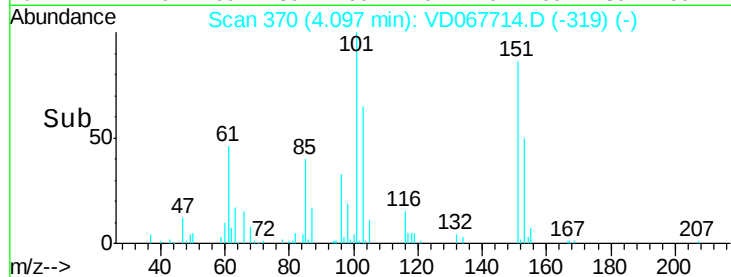
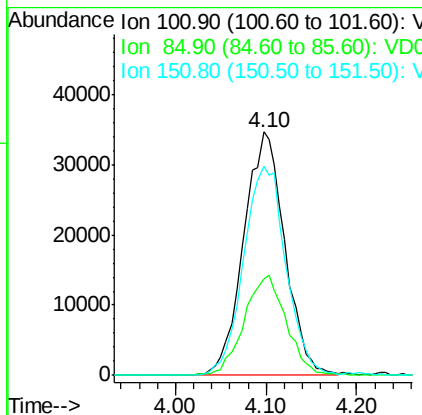
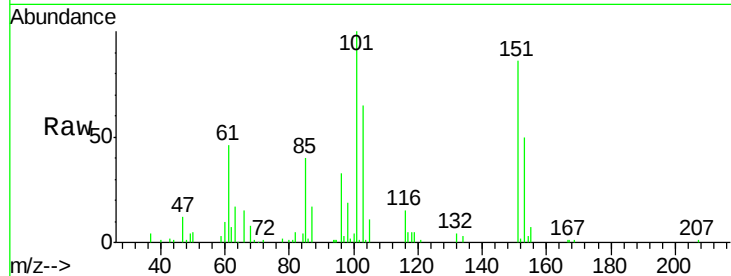
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	109210
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	88.4	68.1	102.1

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#10

Methyl Iodide

Concen: 44.216 ug/l

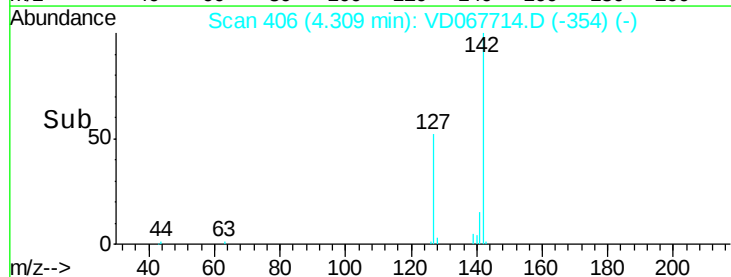
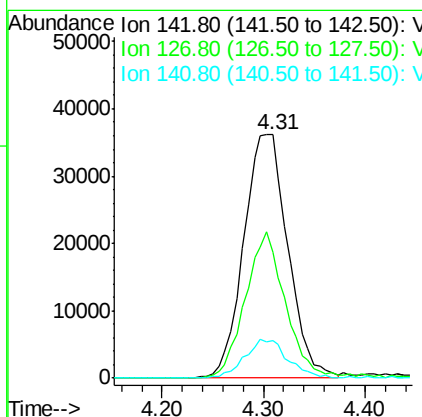
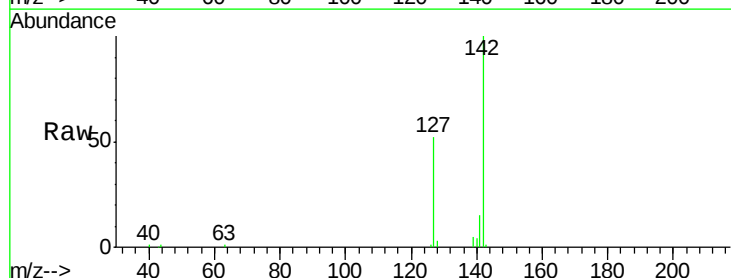
RT: 4.31 min Scan# 406

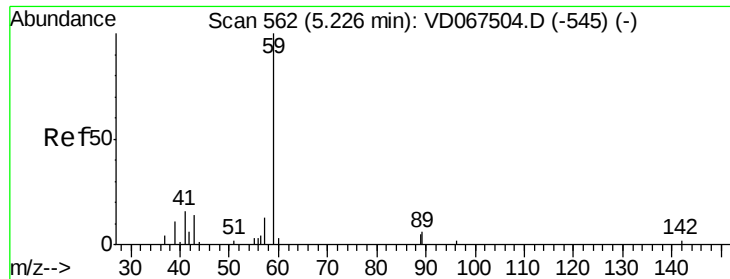
Delta R.T. 0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion:	142	Resp:	109368
Ion Ratio	Lower	Upper	
142	100		
127	54.4	40.0	60.0
141	15.3	11.7	17.5





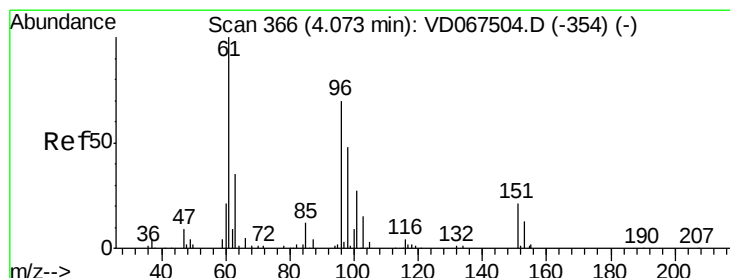
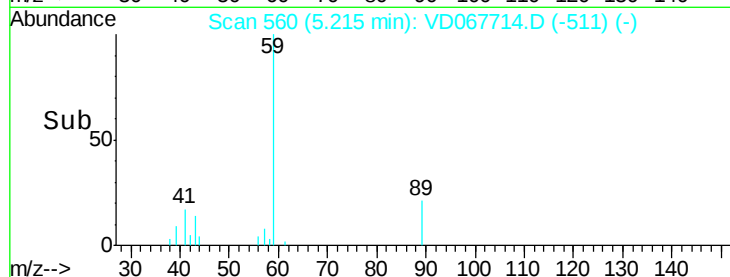
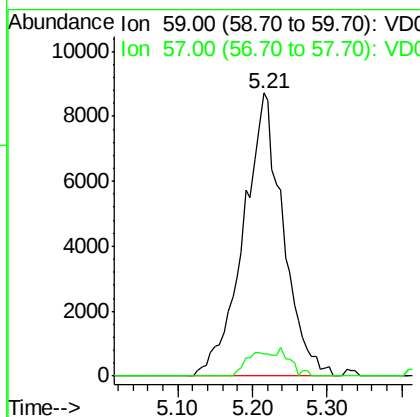
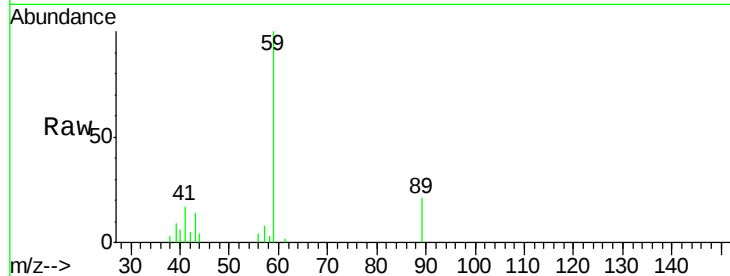
#11
Tert butyl alcohol
Concen: 344.223 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 32259
Ion Ratio Lower Upper
59 100
57 5.5 5.9 8.9#

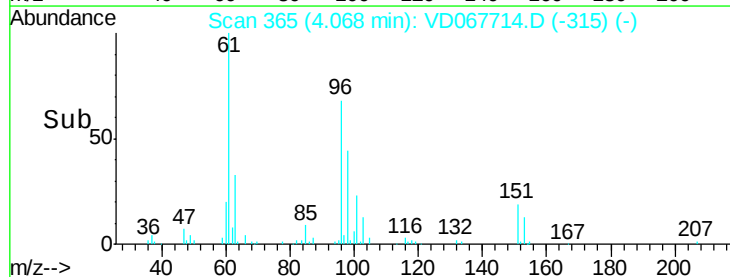
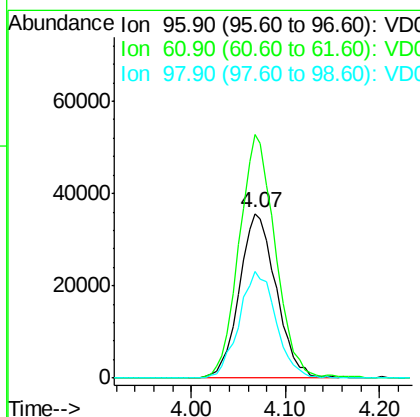
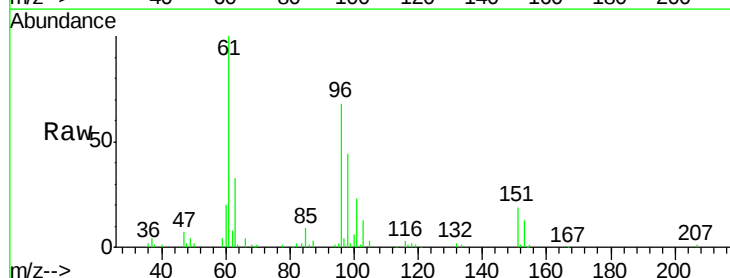
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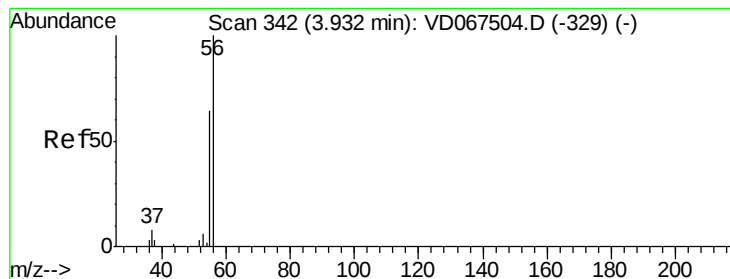
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#12
1,1-Dichloroethene
Concen: 45.585 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 96 Resp: 96768
Ion Ratio Lower Upper
96 100
61 148.0 114.5 171.7
98 65.2 54.5 81.7





#13

Acrolein

Concen: 212.610 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 20514

Ion Ratio Lower Upper

56 100

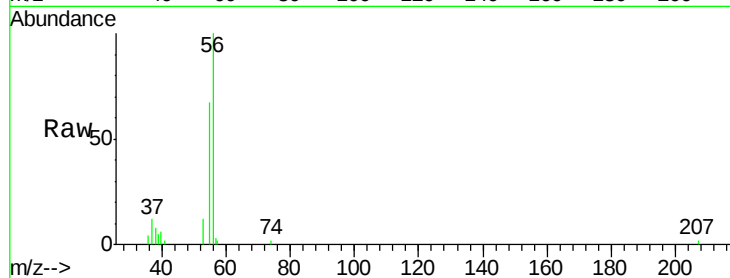
55 71.3 55.8 83.8

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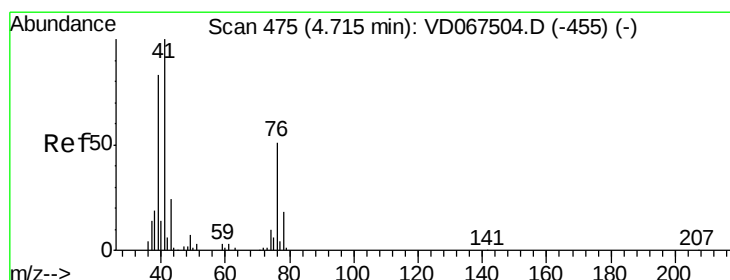
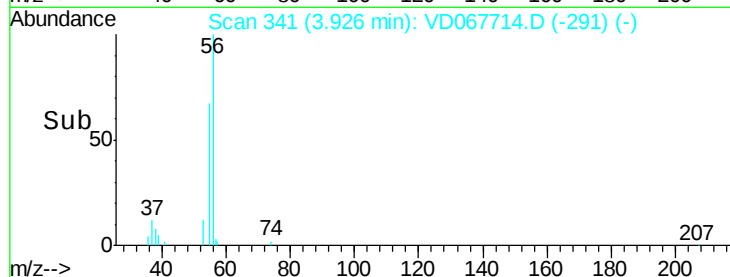
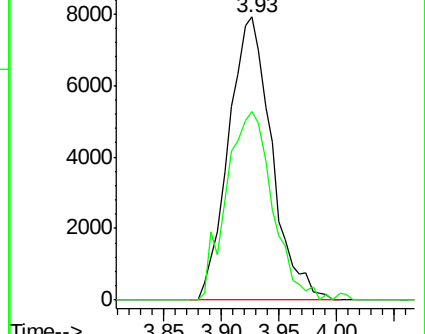
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 44.031 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

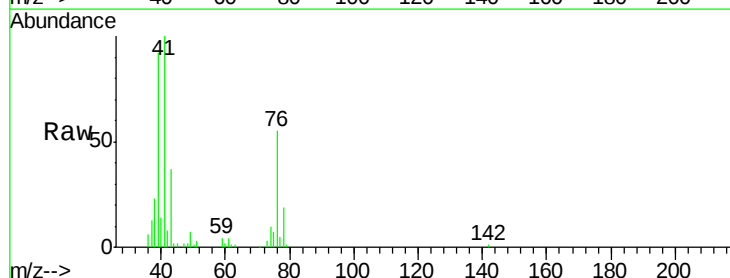
Tgt Ion: 41 Resp: 100034

Ion Ratio Lower Upper

41 100

39 94.0 67.4 101.0

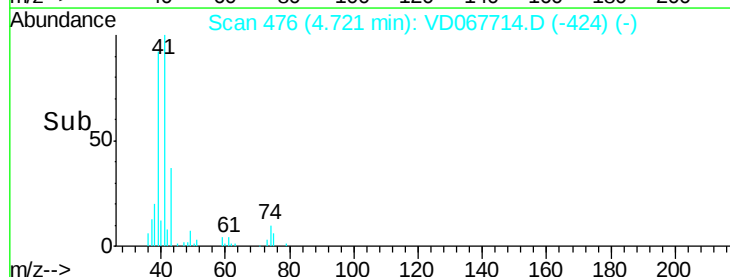
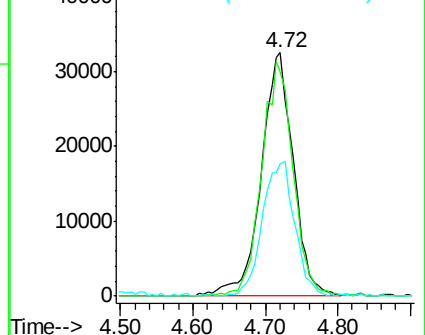
76 55.4 42.2 63.2

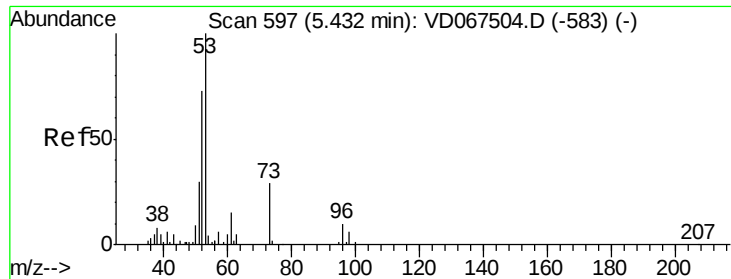


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 251.534 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

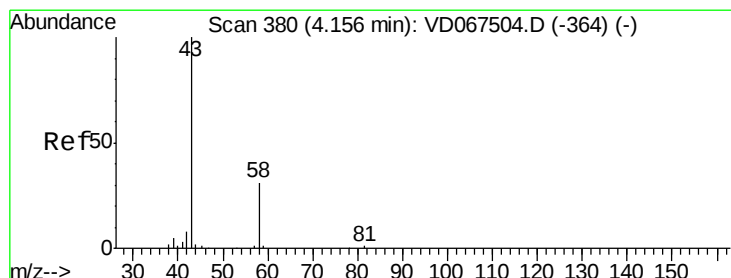
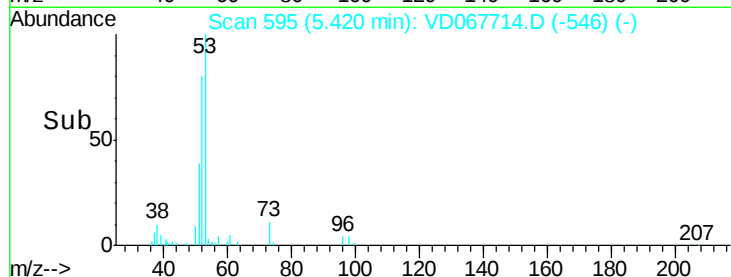
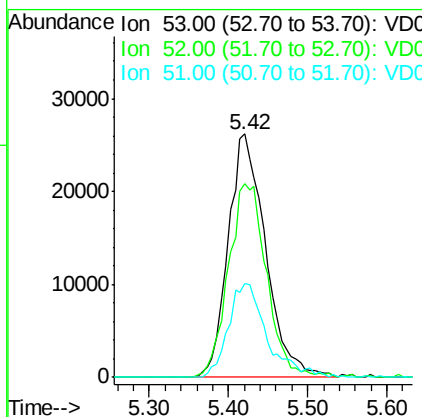
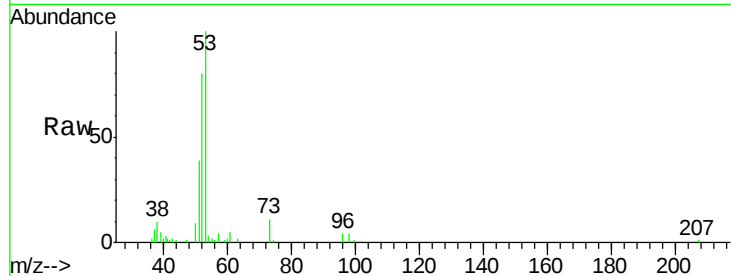
ClientSampleID :

VSTDCCC050EC

Tot Ion:	53	Resp:	85659
Ion Ratio	Lower	Upper	
53	100		
52	80.7	64.8	97.2
51	39.4	29.5	44.3

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#16

Acetone

Concen: 253.473 ug/l

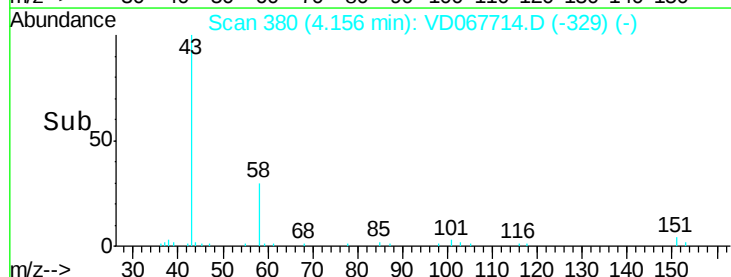
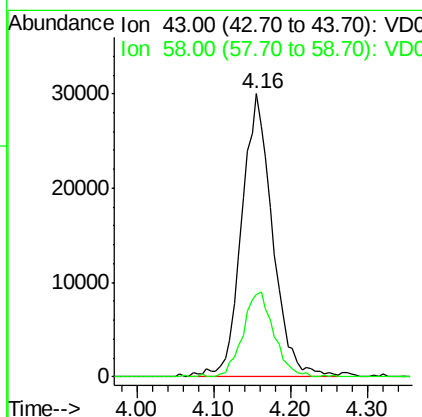
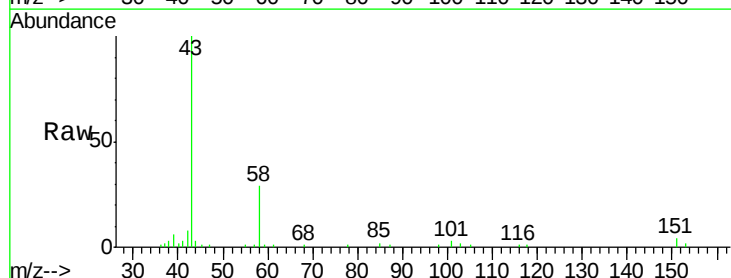
RT: 4.16 min Scan# 380

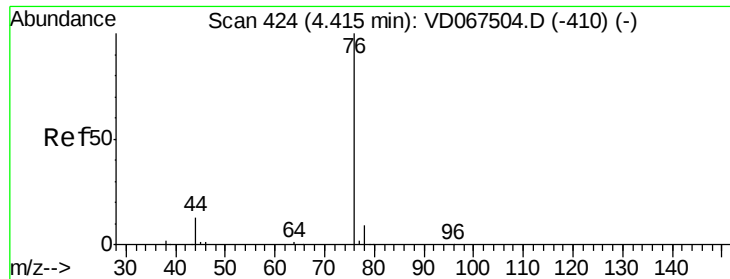
Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion:	43	Resp:	84353
Ion Ratio	Lower	Upper	
43	100		
58	29.0	25.2	37.8





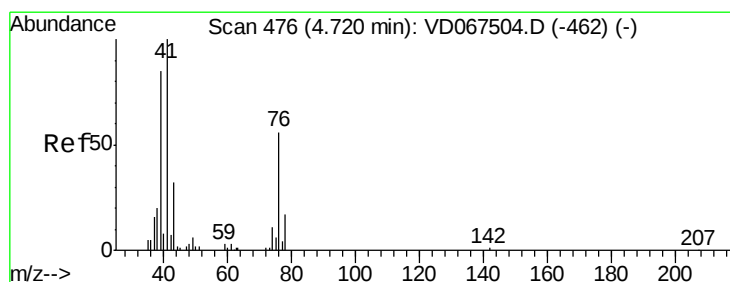
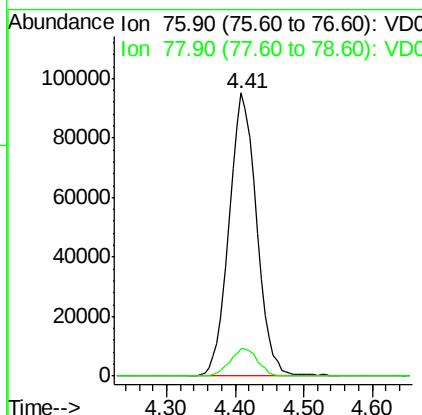
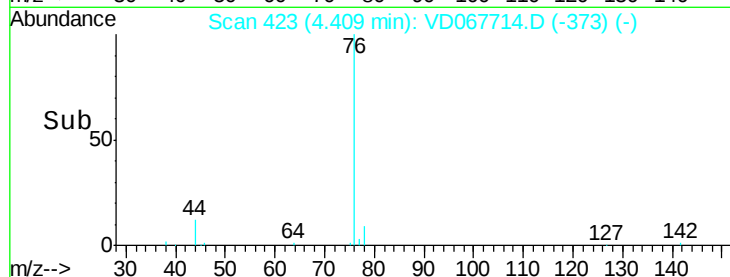
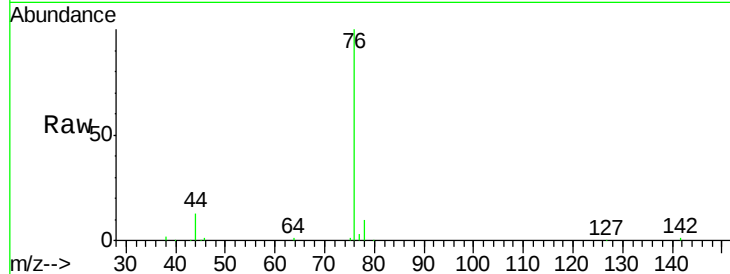
#17
Carbon Disulfide
Concen: 40.821 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

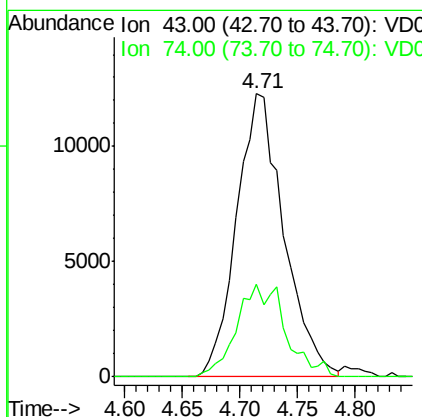
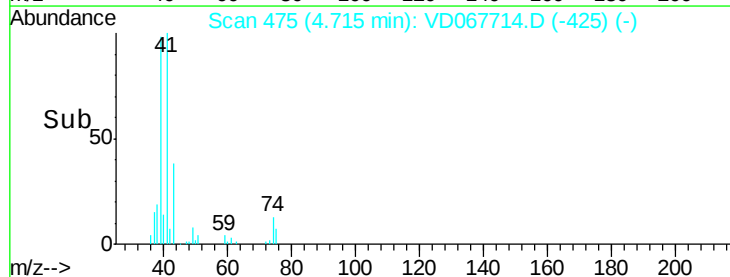
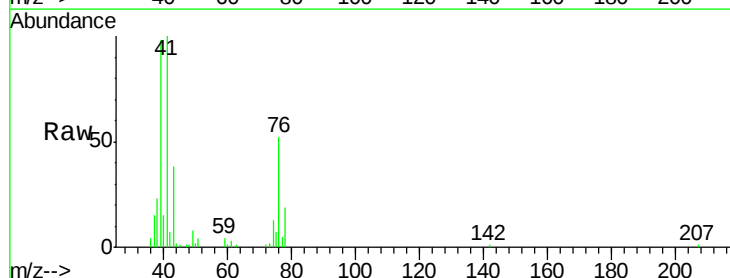
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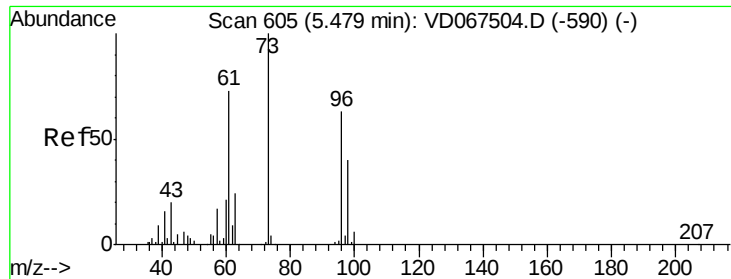
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#18
Methyl Acetate
Concen: 50.869 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.1	27.2	40.8





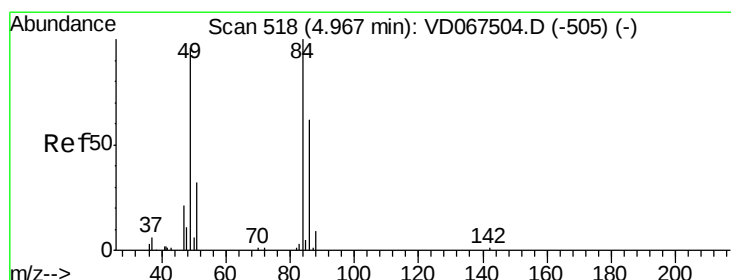
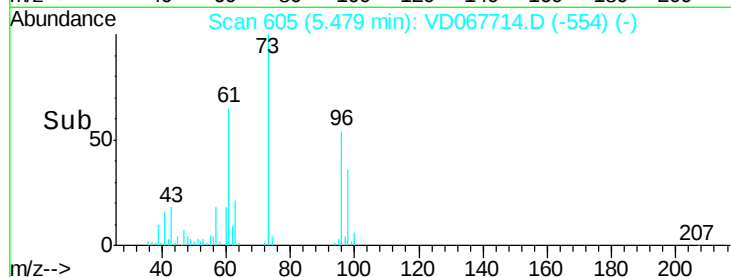
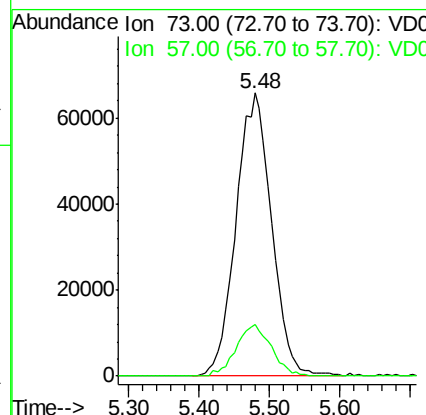
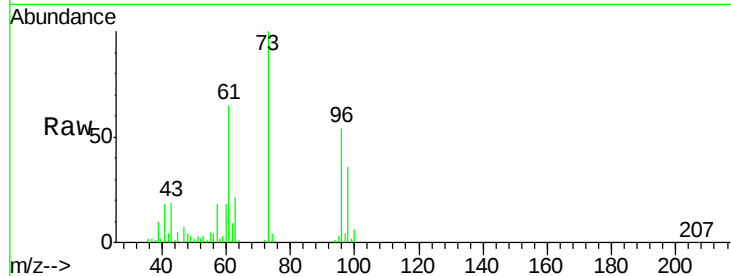
#19
Methyl tert-butyl Ether
Concen: 55.069 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 230584
Ion Ratio Lower Upper
73 100
57 18.1 13.4 20.0

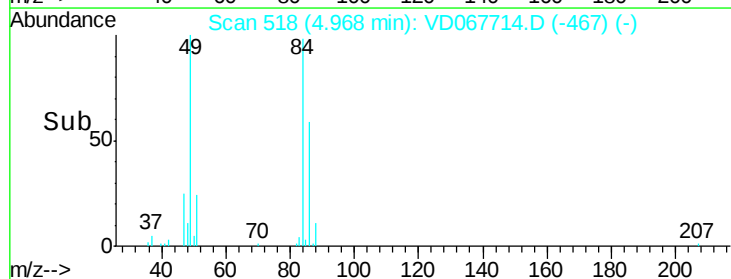
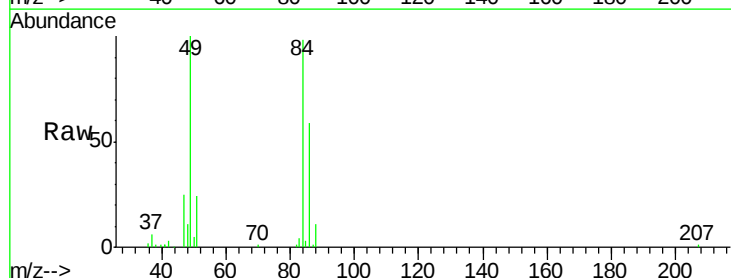
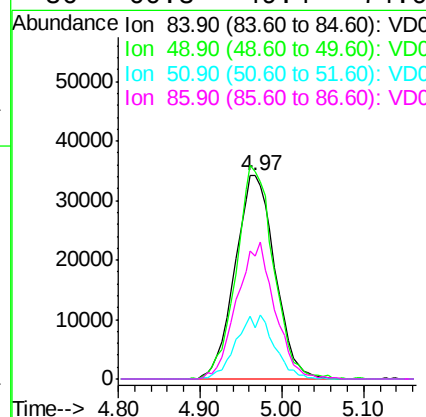
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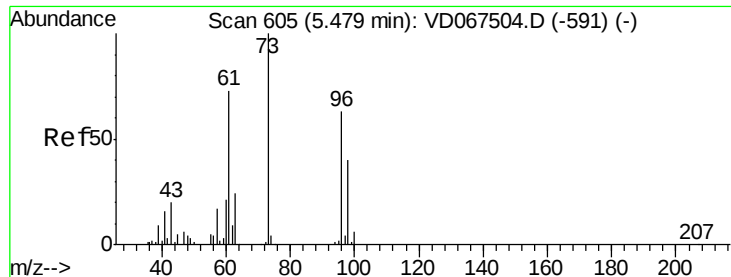
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#20
Methylene Chloride
Concen: 49.409 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 84 Resp: 116149
Ion Ratio Lower Upper
84 100
49 101.8 77.0 115.4
51 25.0 25.4 38.2#
86 60.3 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.729 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

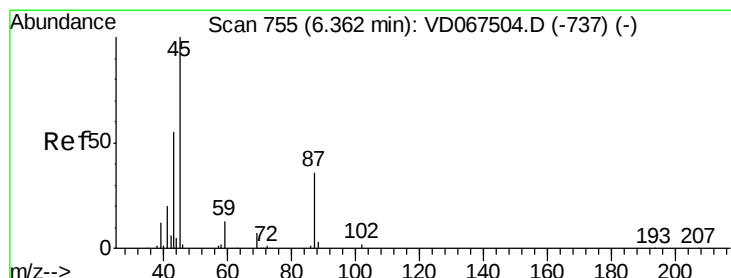
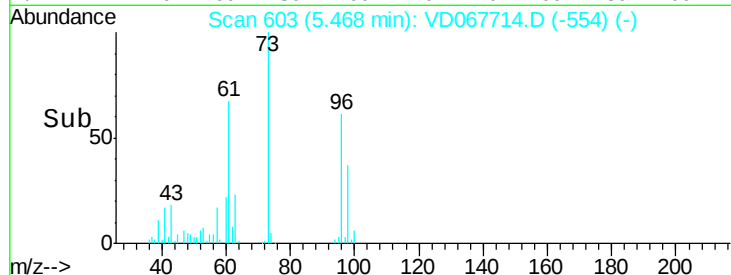
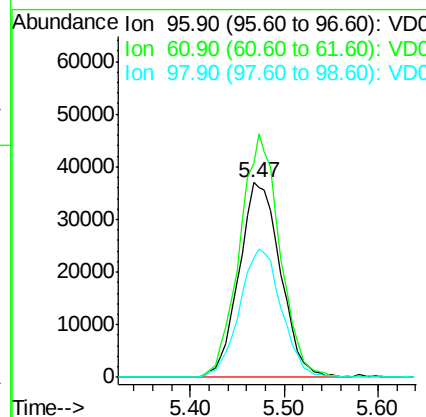
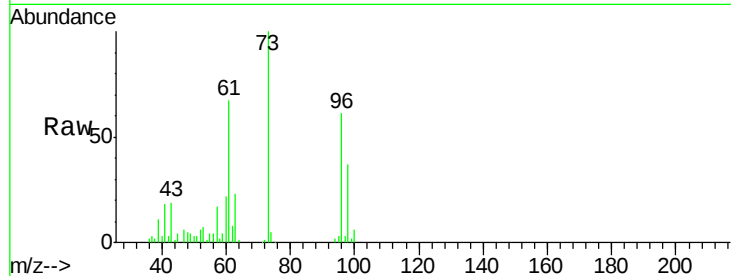
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	113064
Ion	Ratio	Lower	Upper
96	100		
61	109.9	93.0	139.6
98	61.0	50.9	76.3

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#22

Diisopropyl ether

Concen: 48.602 ug/l

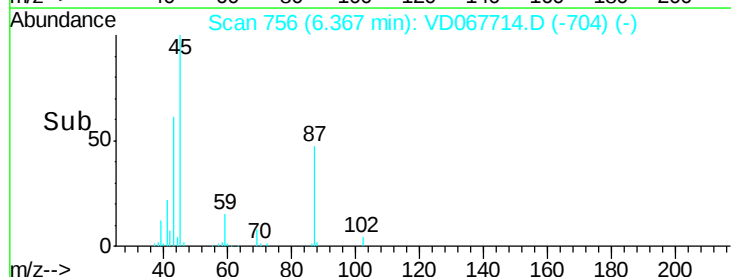
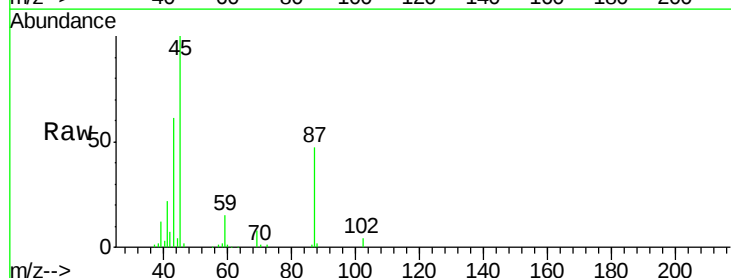
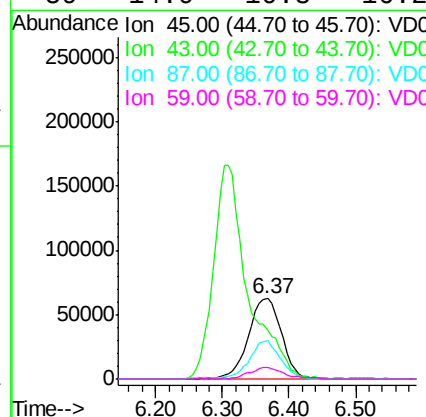
RT: 6.37 min Scan# 756

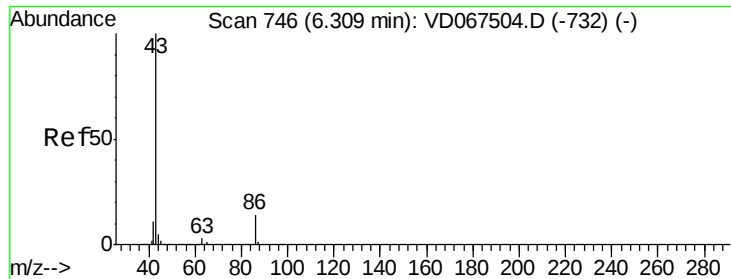
Delta R.T. 0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion:	45	Resp:	215178
Ion	Ratio	Lower	Upper
45	100		
43	60.0	46.2	69.4
87	47.0	29.4	44.2#
59	14.9	10.8	16.2





#23

Vinyl Acetate

Concen: 258.840 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 599860

Ion Ratio Lower Upper

43 100

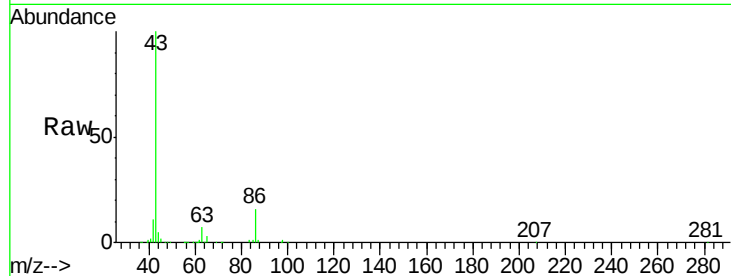
86 16.1 11.6 17.4

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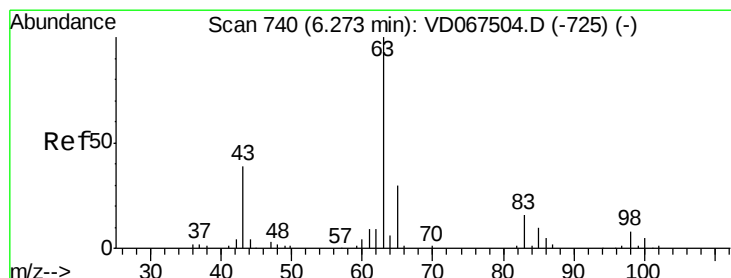
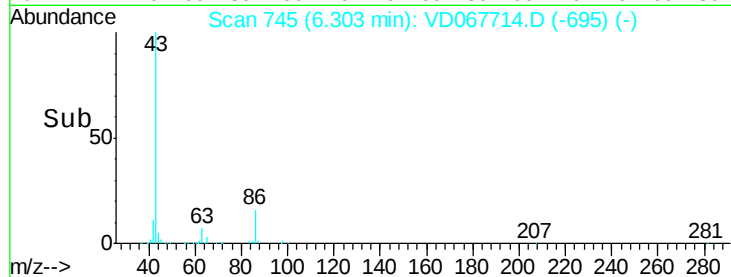
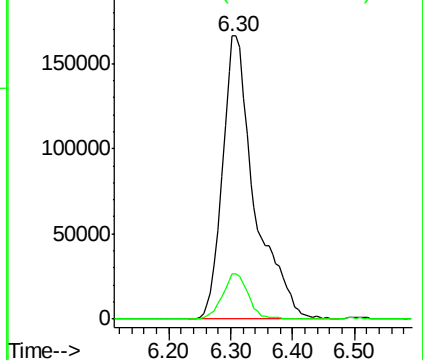
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.506 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

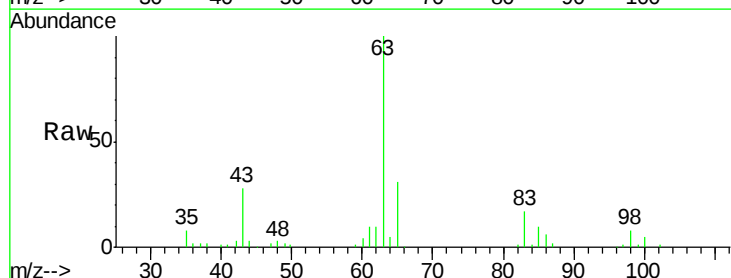
Tgt Ion: 63 Resp: 172064

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

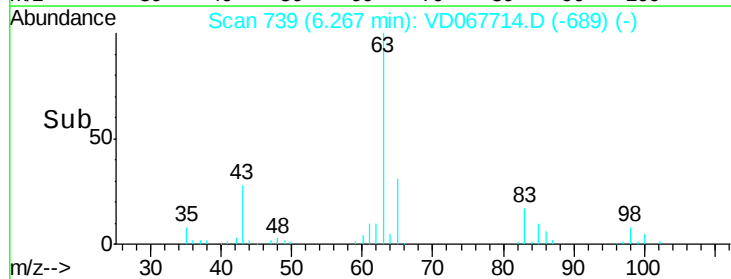
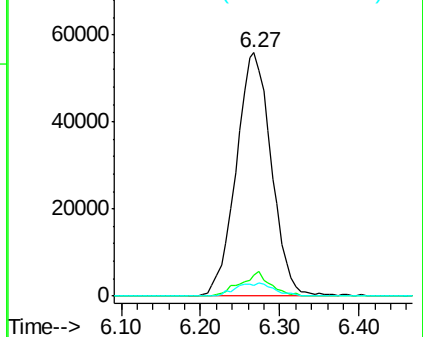
100 4.5 2.6 7.8

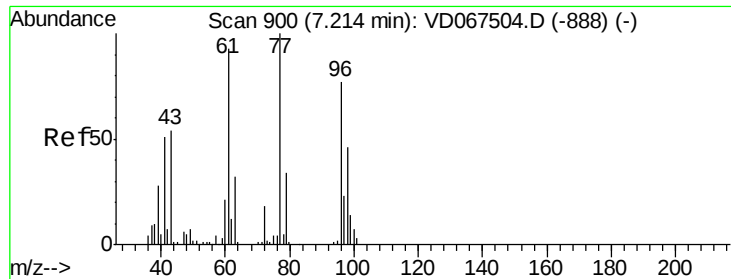


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 258.289 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 91846

Ion Ratio Lower Upper

43 100

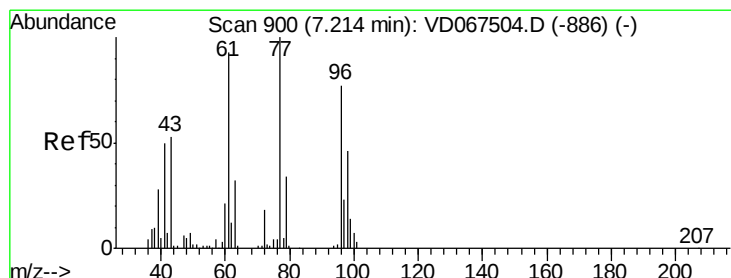
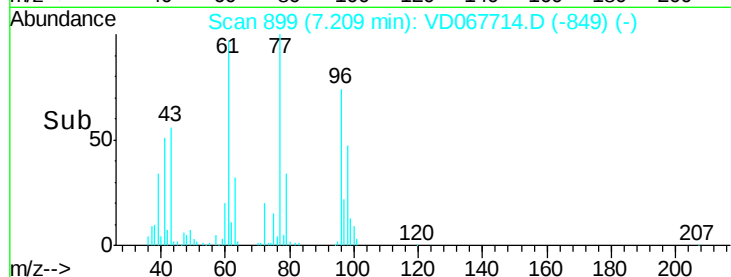
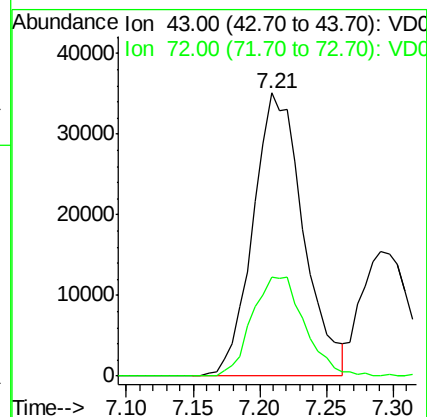
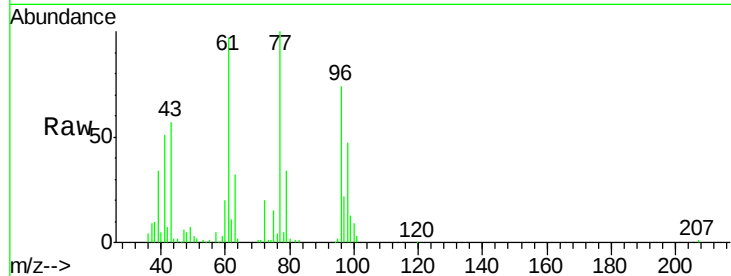
72 35.2 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.644 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067714.D

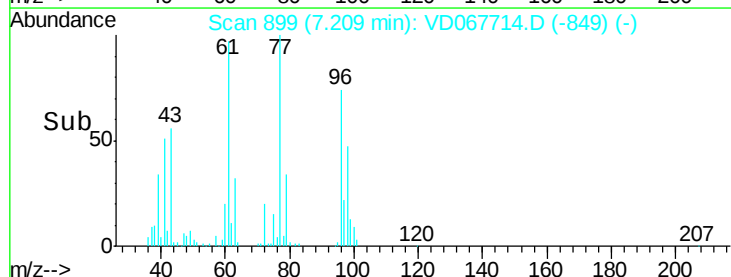
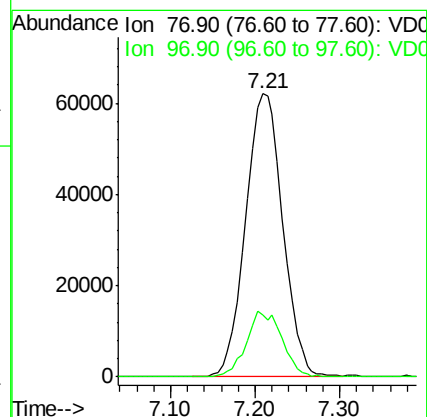
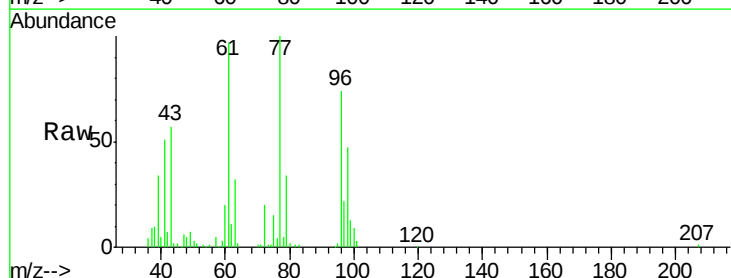
Acq: 19 Nov 2020 17:53

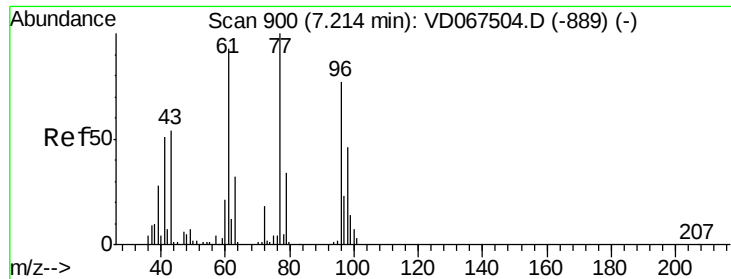
Tgt Ion: 77 Resp: 189768

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3





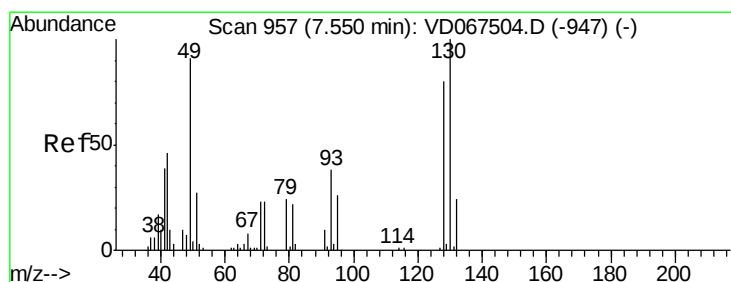
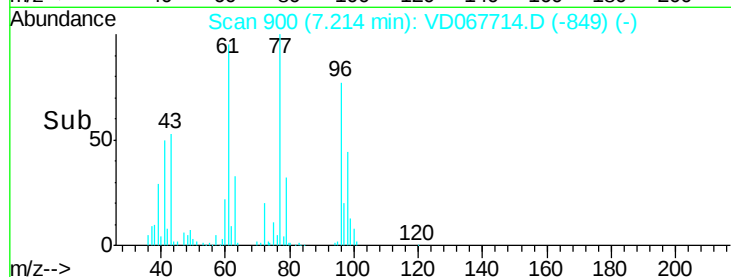
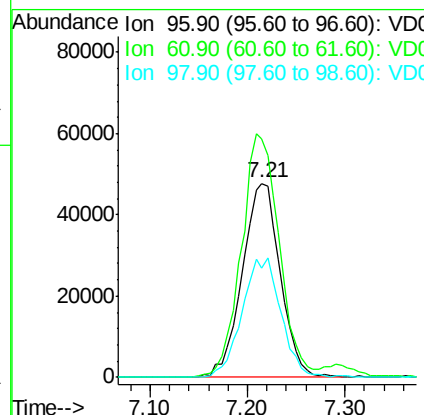
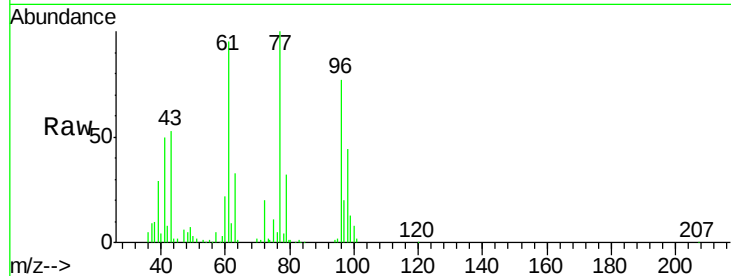
#27
 cis-1,2-Dichloroethene
 Concen: 50.648 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129979		
61	125.1		0.0	251.6
98	62.9		0.0	128.0

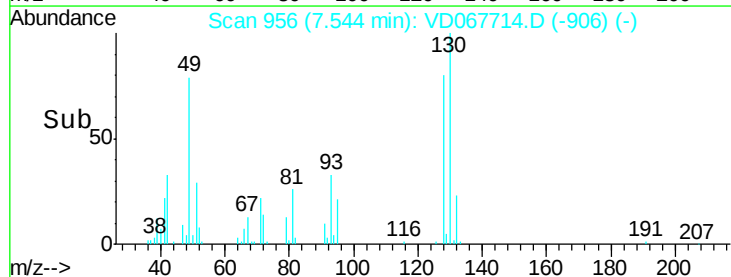
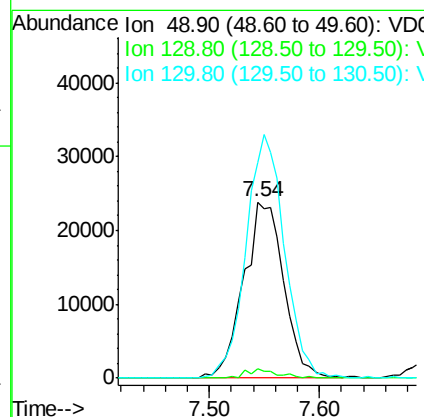
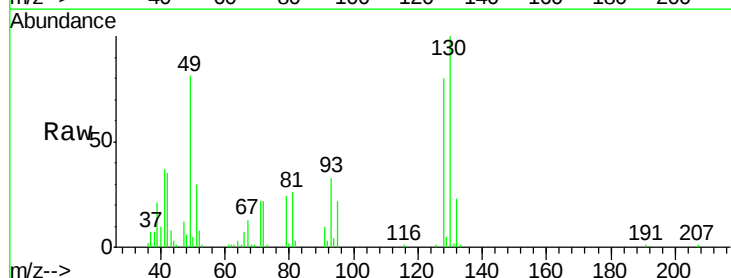
Manual Integrations
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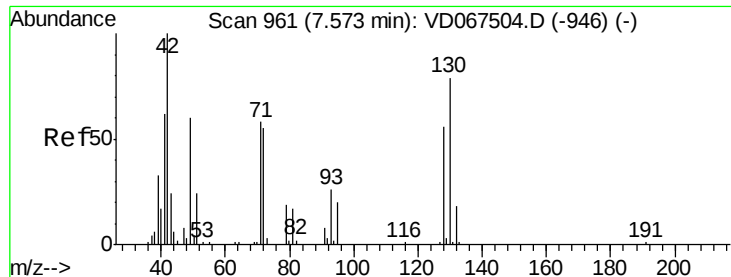
MMDadoda
 11/20/2020 10:06:21 AM



#28
 Bromochloromethane
 Concen: 47.127 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	60716		
129	3.8		0.0	6.4
130	132.9		94.6	142.0





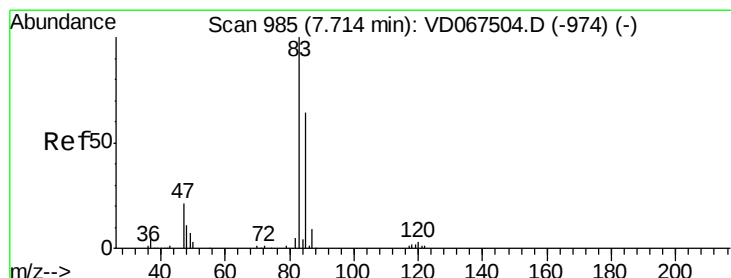
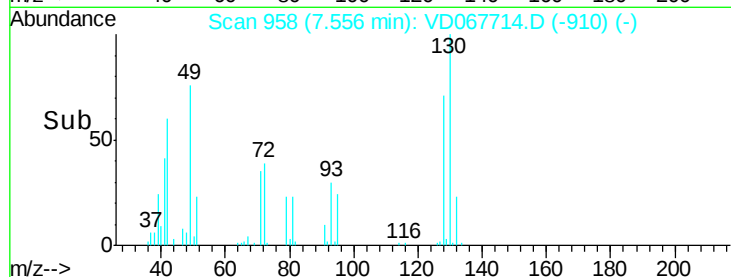
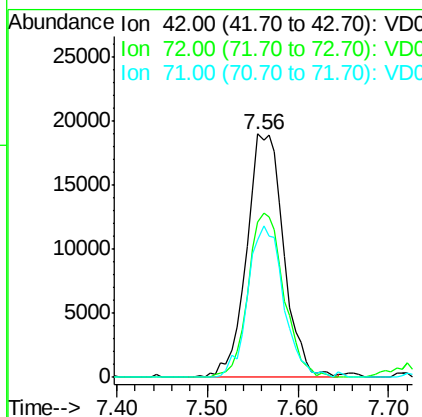
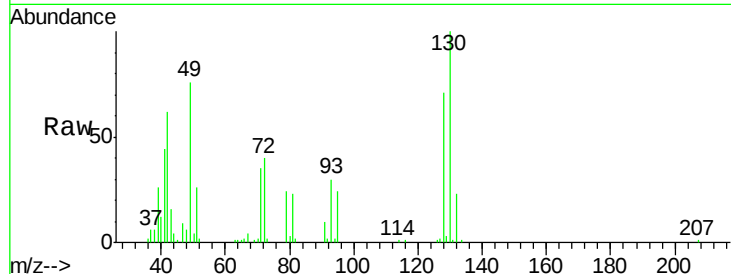
#29
Tetrahydrofuran
Concen: 253.148 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.02 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	64.8	46.3	69.5
71	59.7	44.0	66.0

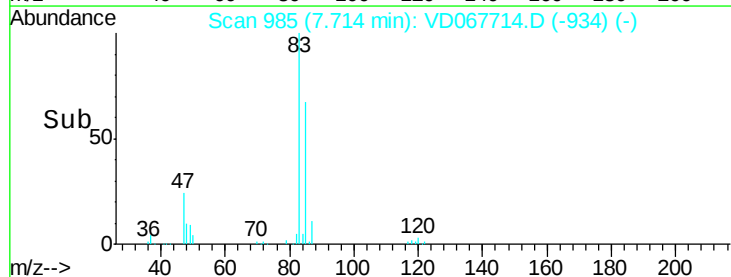
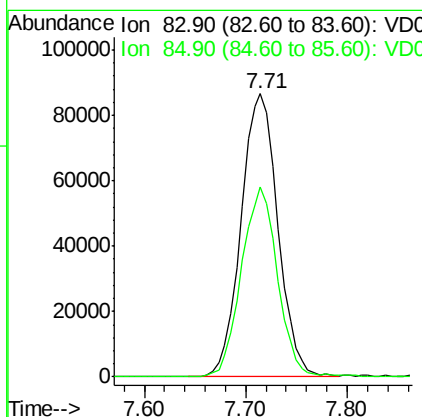
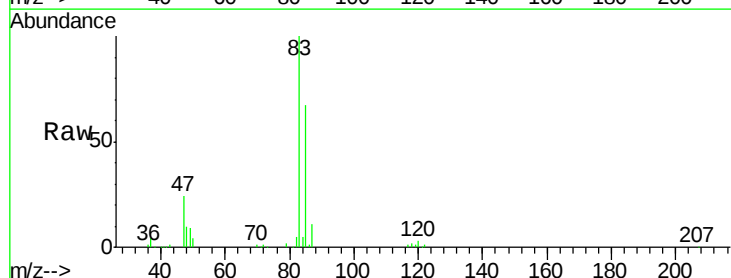
Manual Integrations
APPROVED

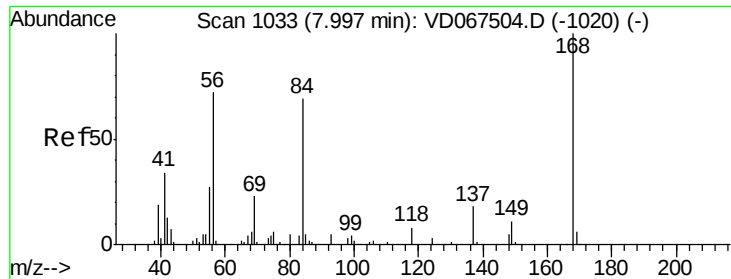
MMDadoda
11/20/2020 10:06:21 AM



#30
Chloroform
Concen: 50.439 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.5	77.3





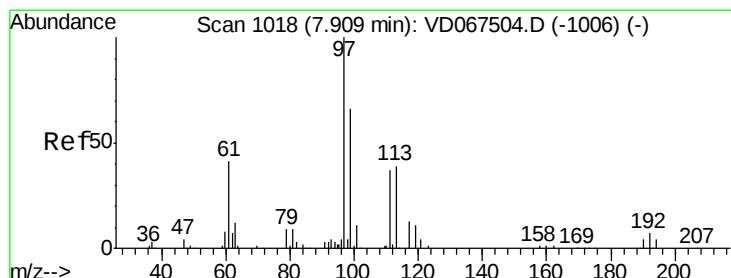
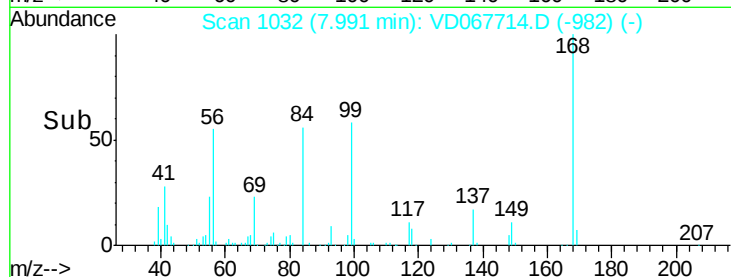
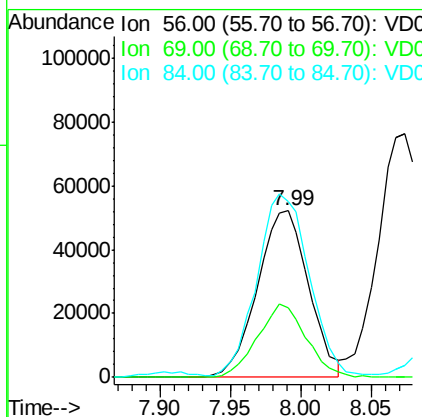
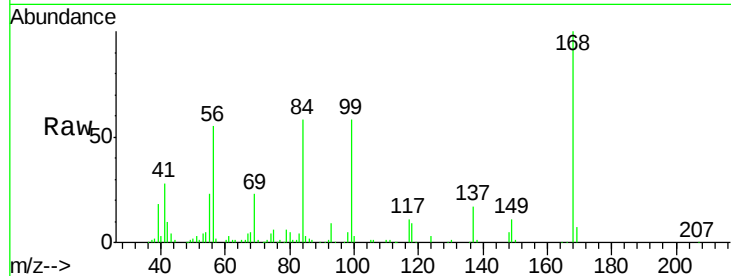
#31
Cyclohexane
Concen: 41.064 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	42.0	25.9	38.9#	
84	103.0	76.2	114.4	

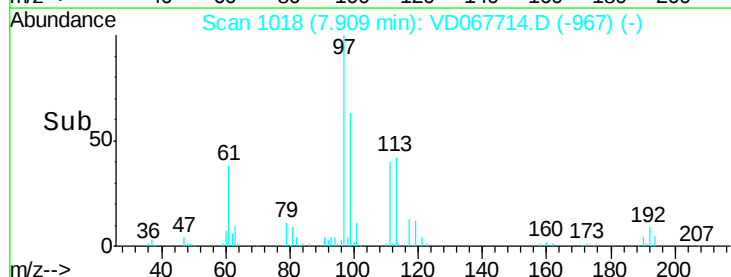
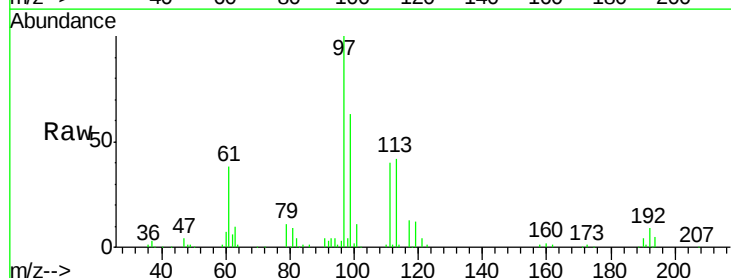
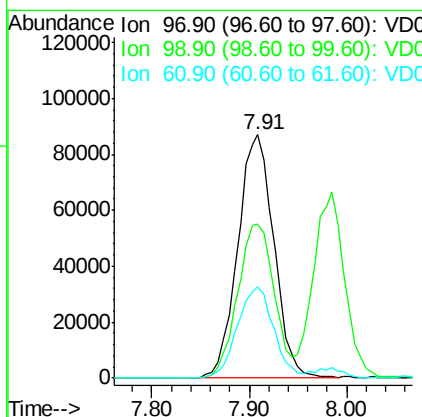
Manual Integrations
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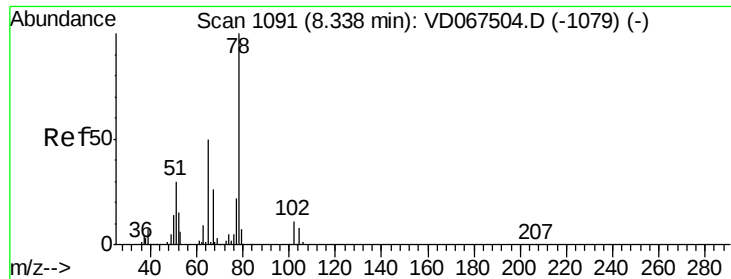
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.155 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	51.8	77.6	
61	37.8	30.5	45.7	





#33

1,2-Dichloroethane-d4

Concen: 47.951 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 106636

Ion Ratio Lower Upper

65 100

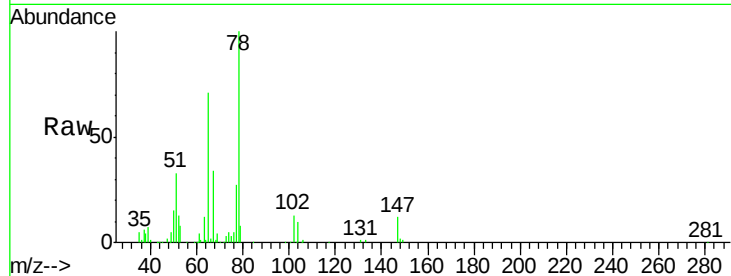
67 49.2 0.0 99.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

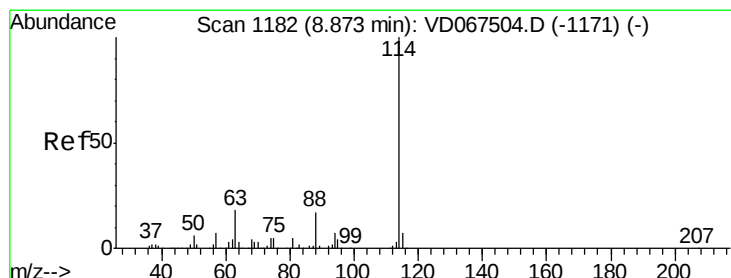
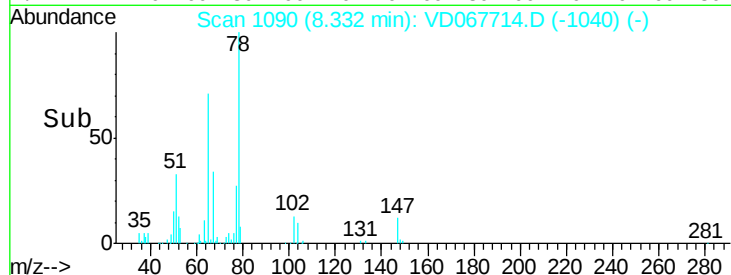
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

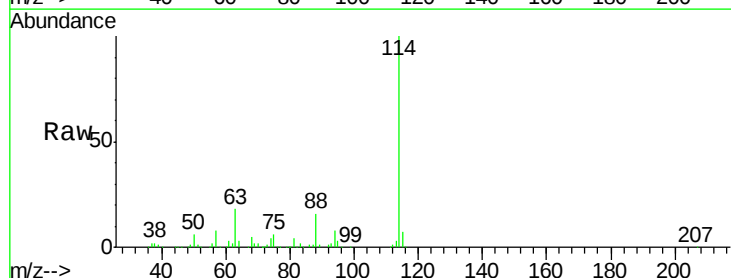
Tgt Ion: 114 Resp: 371369

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 15.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

250000

200000

150000

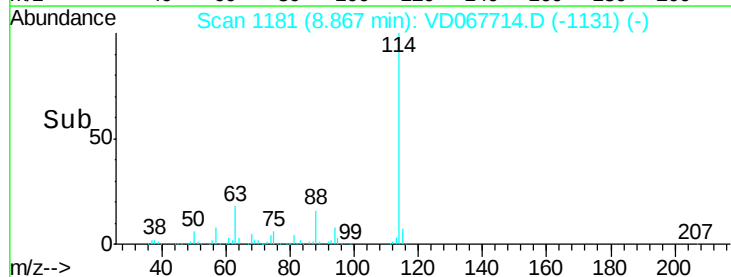
100000

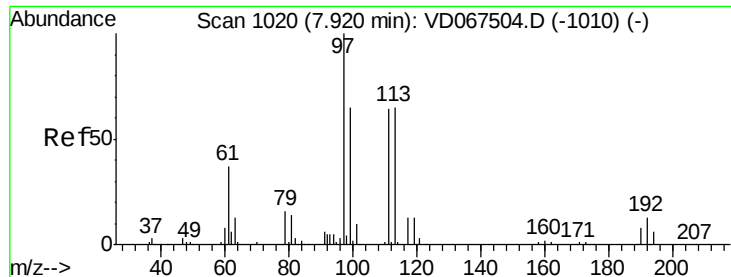
50000

0

8.80 8.90 9.00

Time-->





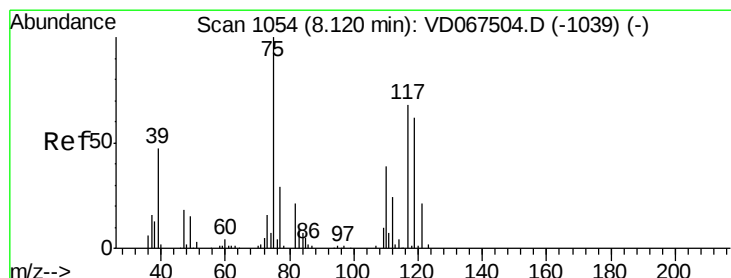
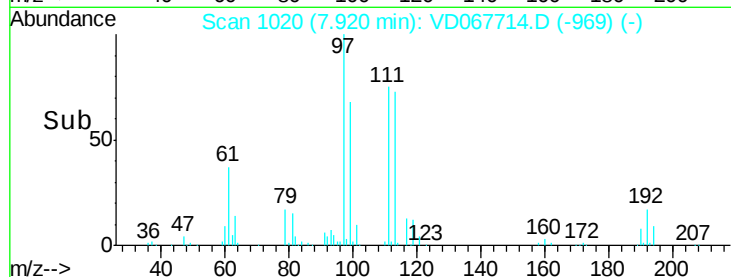
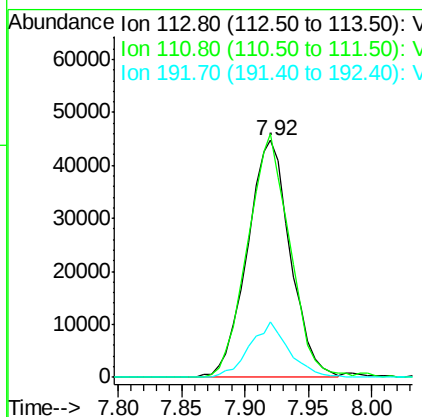
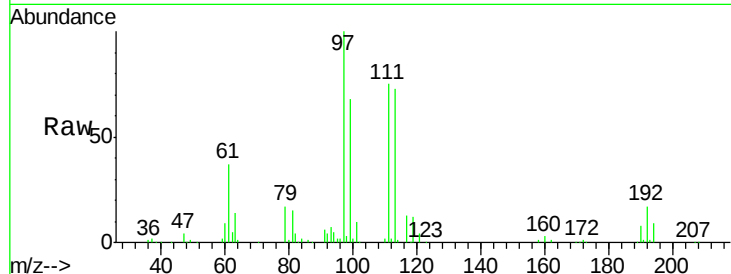
#35
Dibromofluoromethane
Concen: 47.077 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105334		
111	100.8	80.0	120.0	
192	21.4	16.3	24.5	

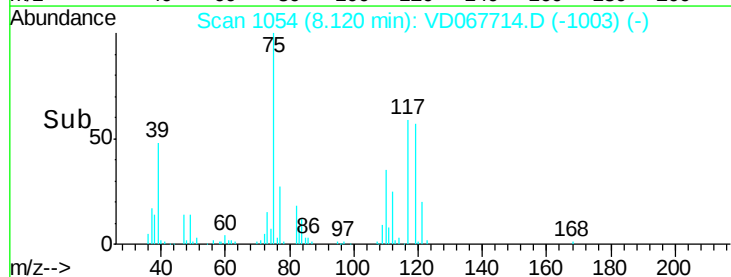
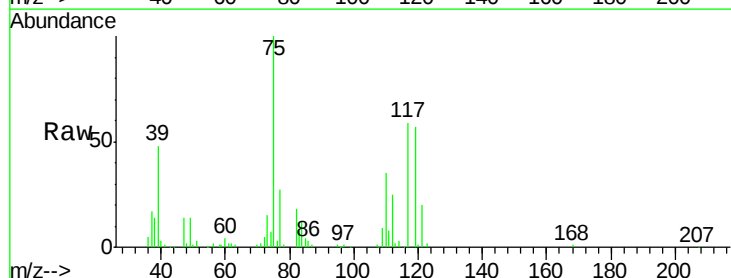
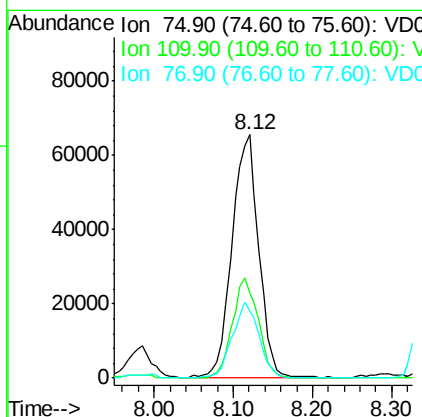
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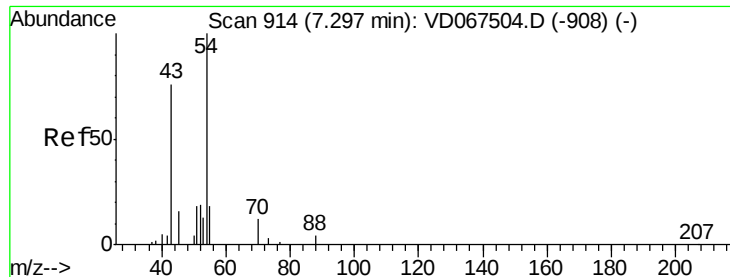
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.266 ug/l
RT: 8.12 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153430		
110	39.5	19.9	59.7	
77	30.9	24.8	37.2	





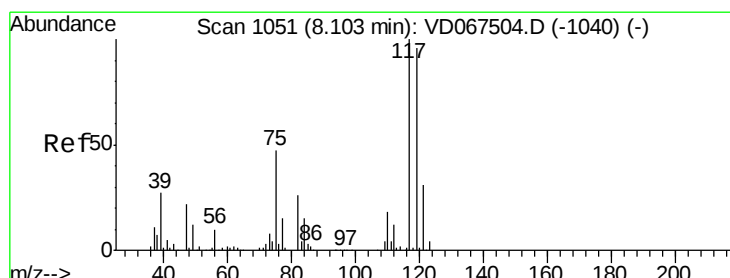
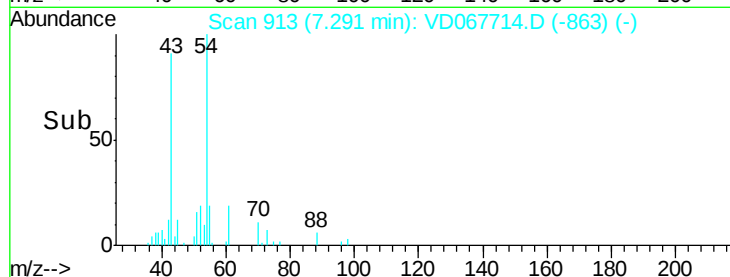
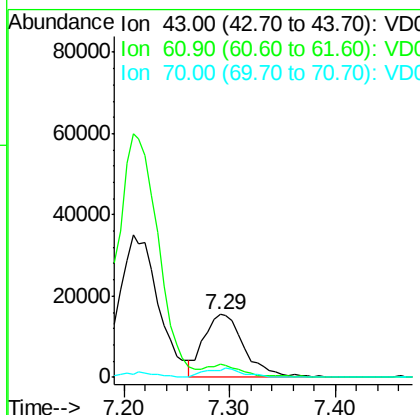
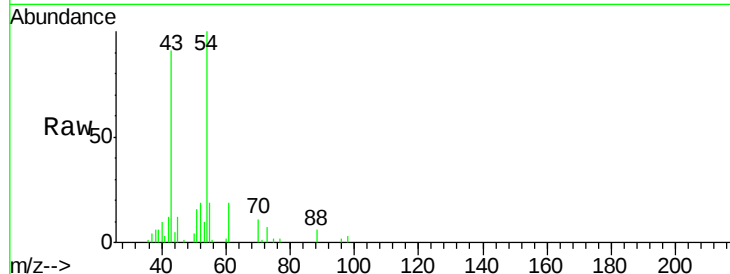
#37
Ethyl Acetate
Concen: 49.907 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	12.8	19.2
70	13.5	11.7	17.5

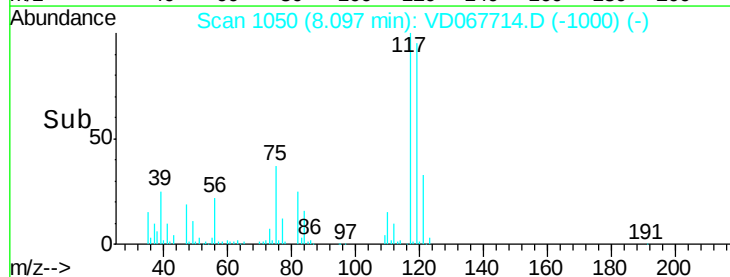
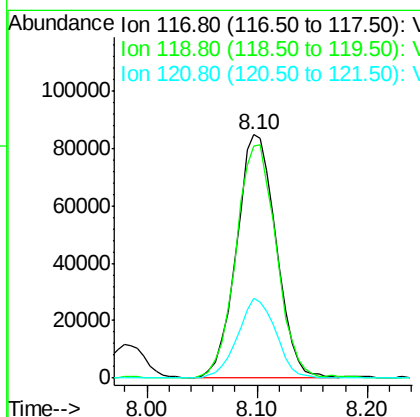
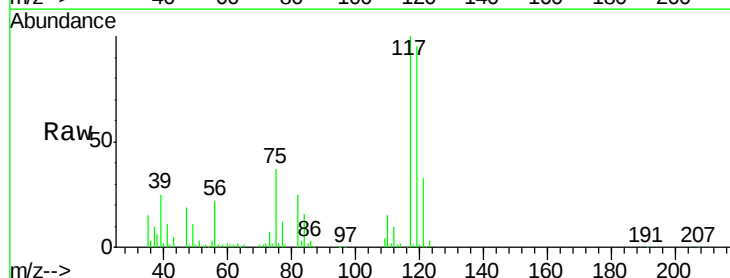
Manual Integrations
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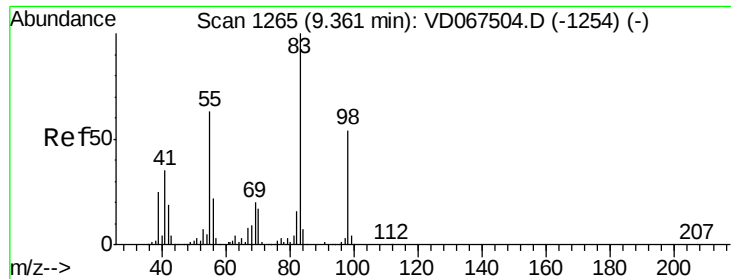
MMDadoda
11/20/2020 10:06:21 AM



#38
Carbon Tetrachloride
Concen: 51.523 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.9	115.3
121	32.8	24.5	36.7





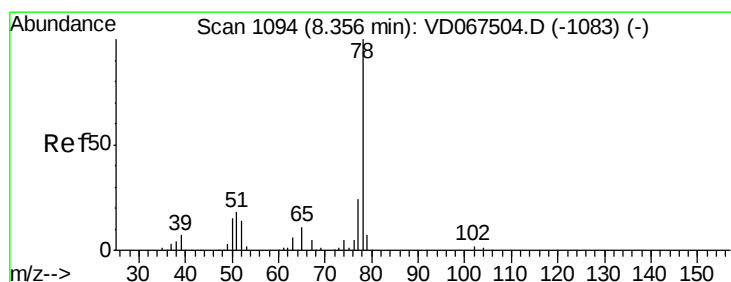
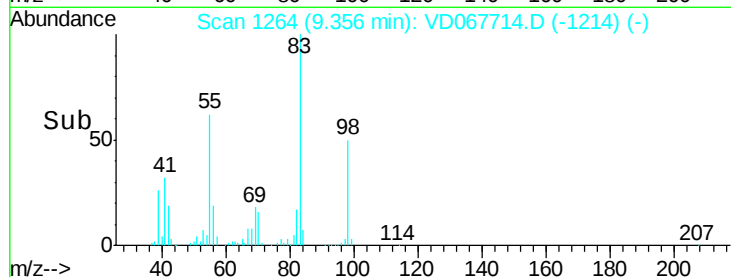
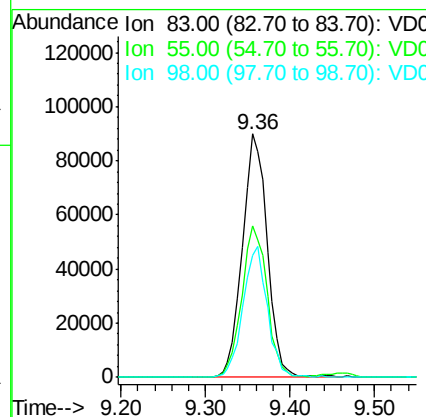
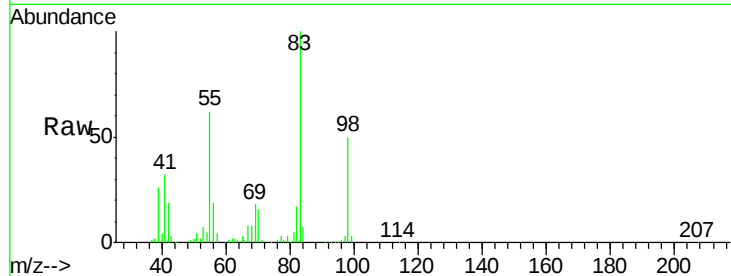
#39
Methvlcvclohexane
Concen: 48.757 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.2	50.5	75.7
98	50.2	43.4	65.0

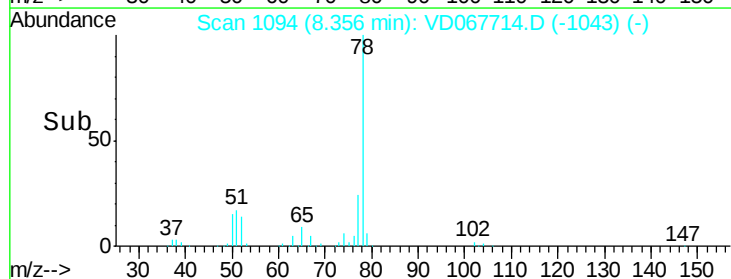
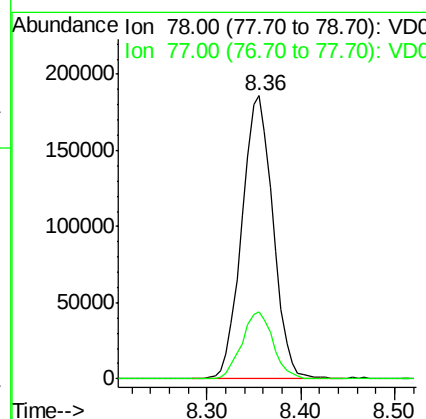
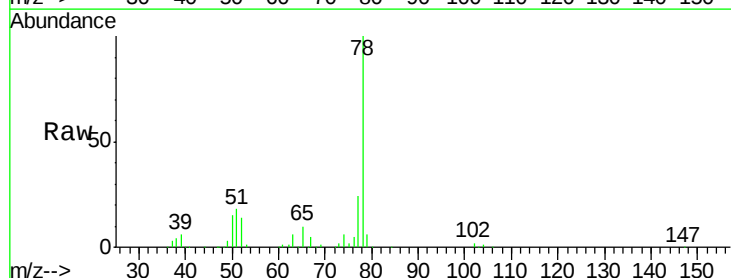
Manual Integrations
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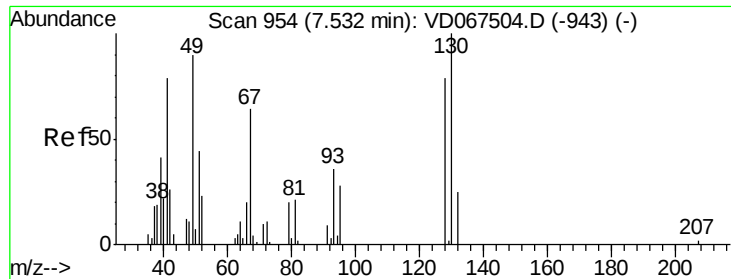
MMDadoda
11/20/2020 10:06:21 AM



#40
Benzene
Concen: 49.529 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41

Methacrylonitrile

Concen: 50.856 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 25088

Ion Ratio Lower Upper

41 100

39 57.7 51.3 76.9

67 92.5 78.9 118.3

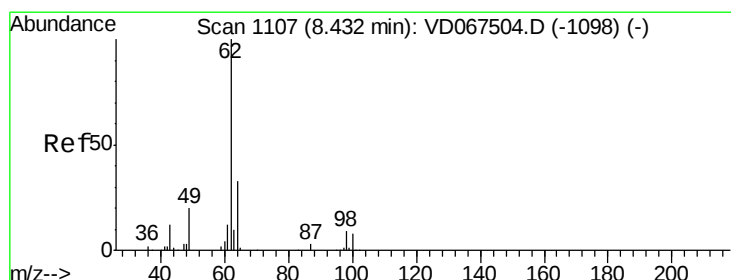
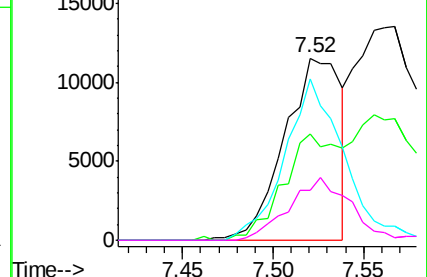
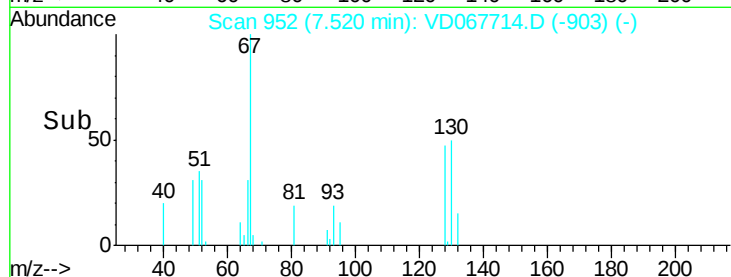
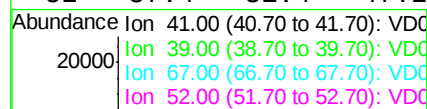
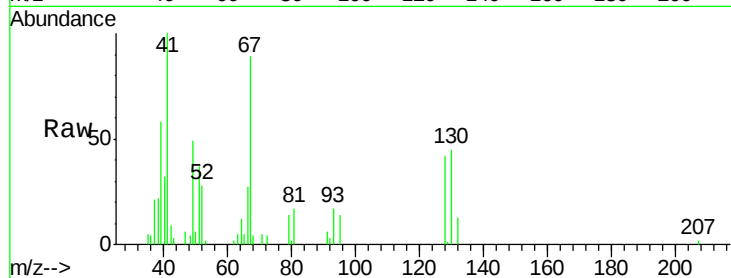
52 37.4 31.4 47.2

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 53.486 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067714.D

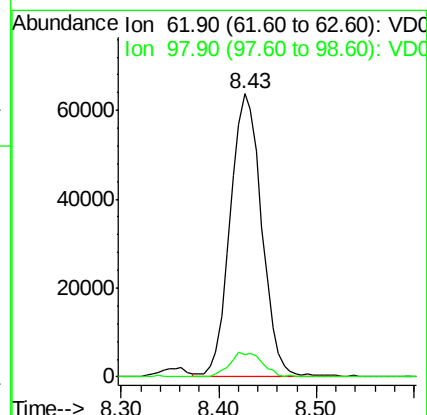
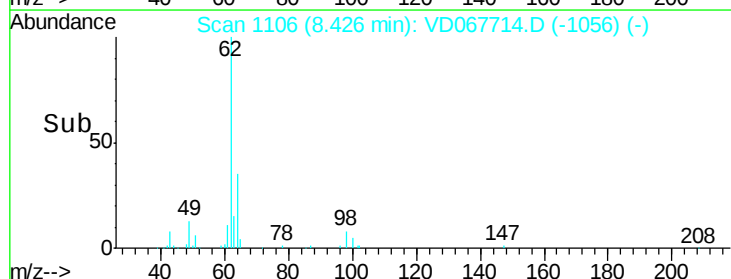
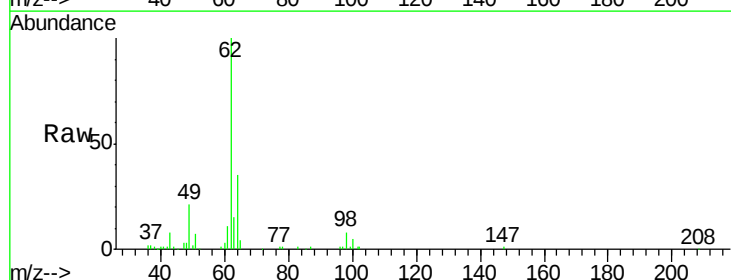
Acq: 19 Nov 2020 17:53

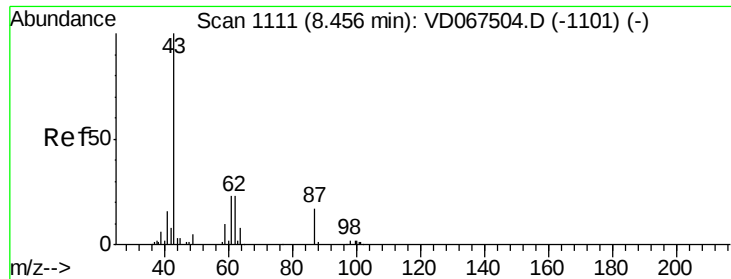
Tgt Ion: 62 Resp: 142298

Ion Ratio Lower Upper

62 100

98 9.1 0.0 19.8





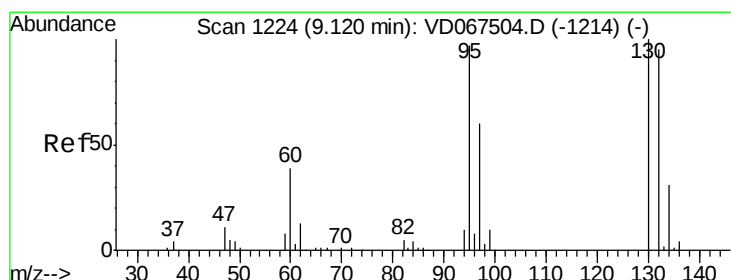
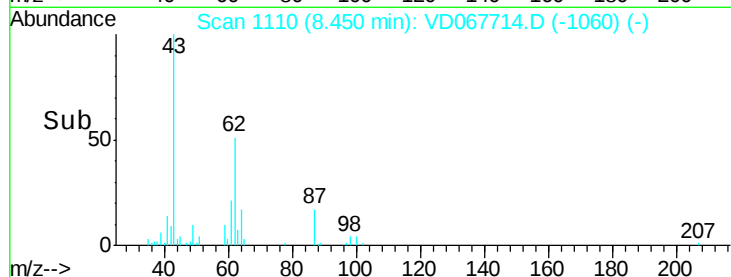
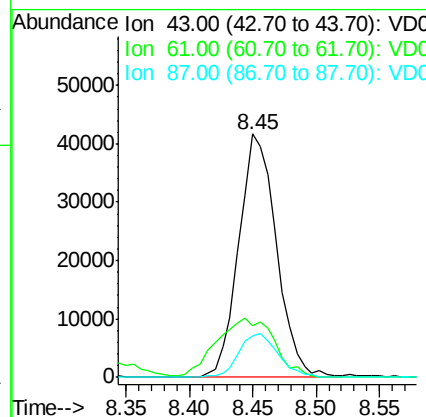
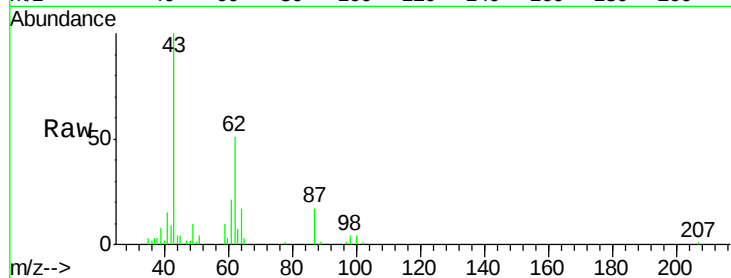
#43
Isopropyl Acetate
Concen: 52.752 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	37.3	30.5	45.7
87	18.7	14.7	22.1

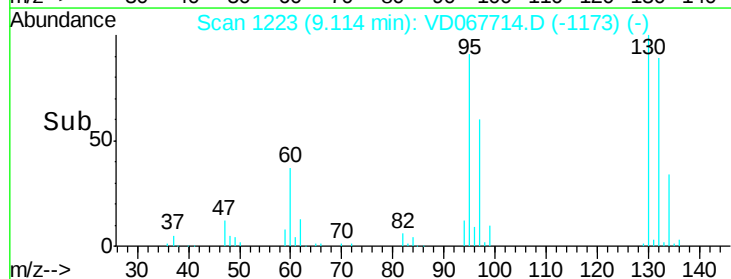
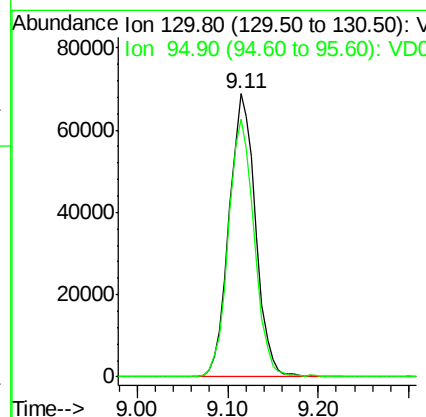
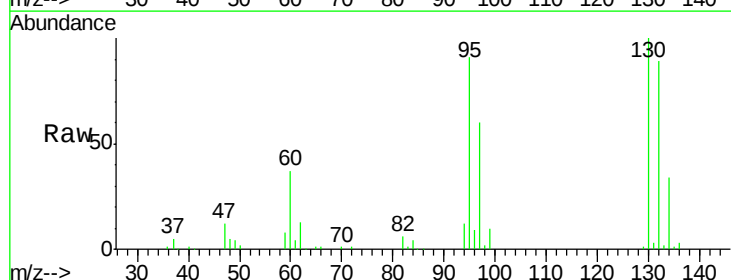
Manual Integrations
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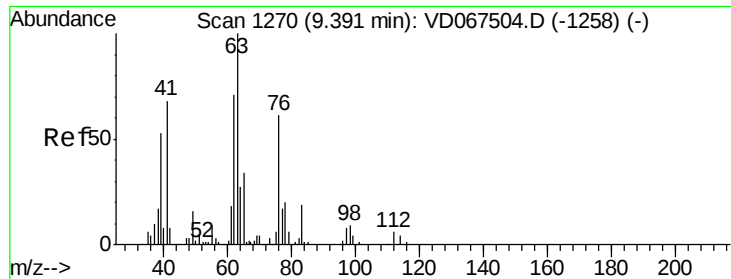
MMDadoda
11/20/2020 10:06:21 AM



#44
Trichloroethene
Concen: 49.393 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	194.4





#45

1,2-Dichloropropane

Concen: 49.071 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 91355

Ion Ratio Lower Upper

63 100

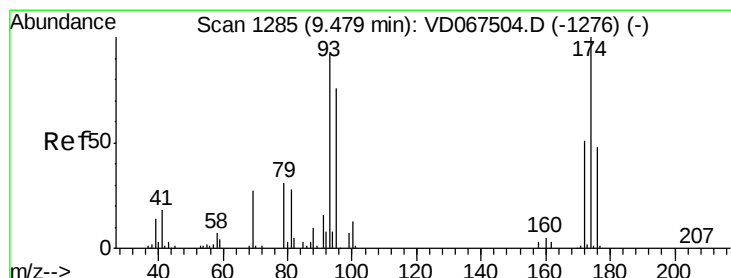
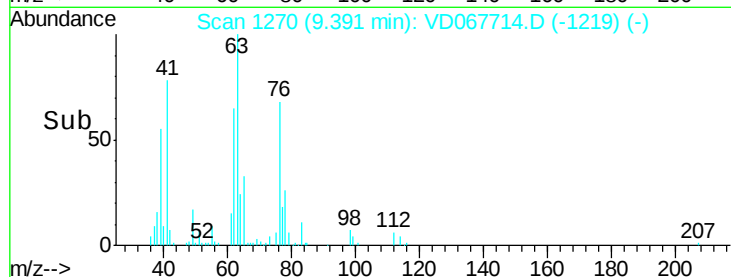
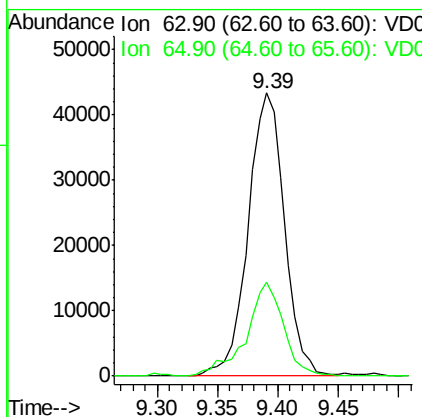
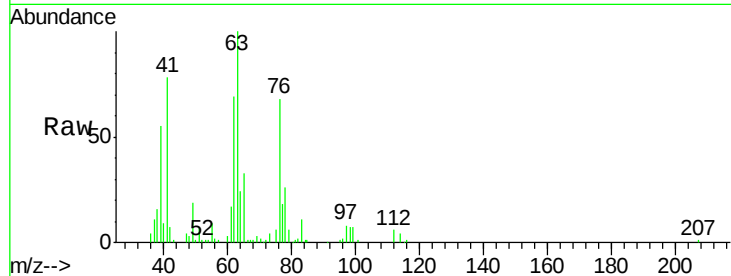
65 33.0 26.9 40.3

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#46

Dibromomethane

Concen: 51.671 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

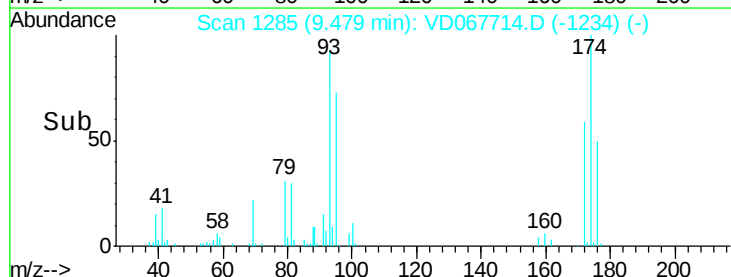
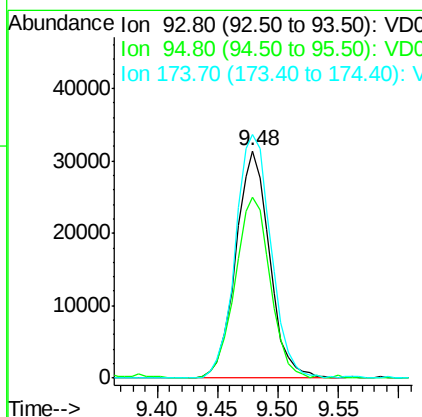
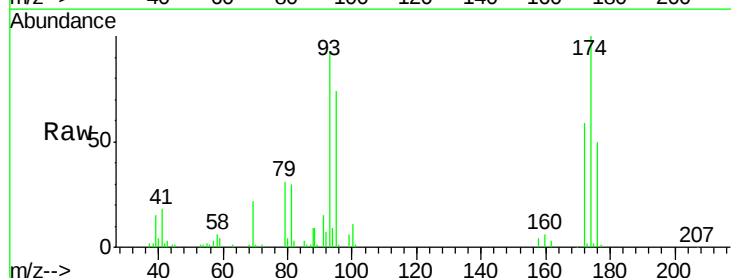
Tgt Ion: 93 Resp: 61164

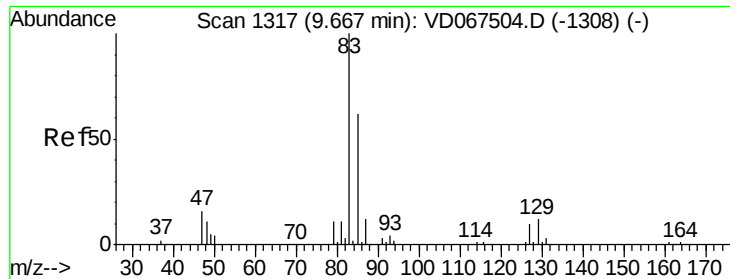
Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

174 112.8 88.2 132.4





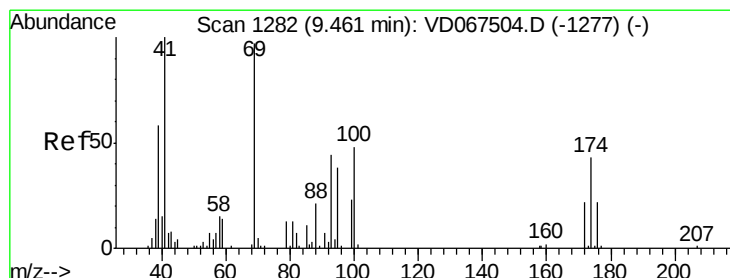
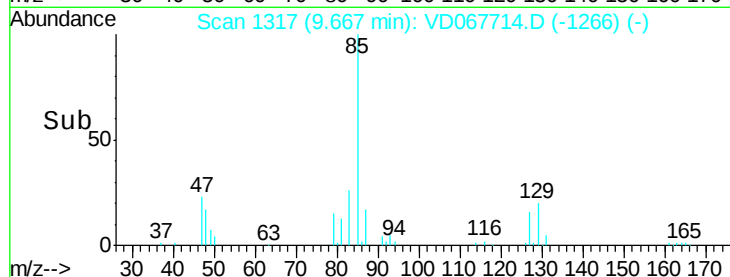
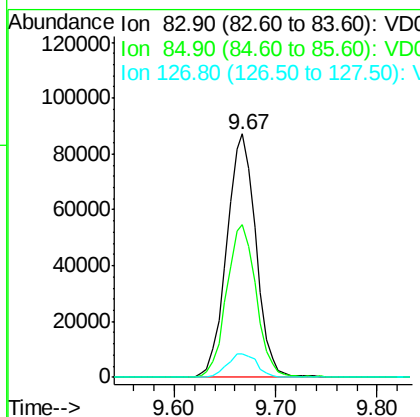
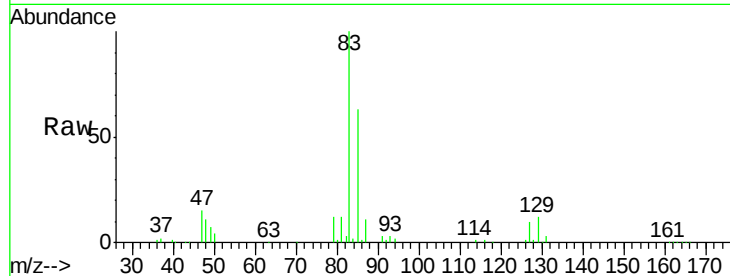
#47
Bromodichloromethane
Concen: 53.976 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	173662
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	49.4	74.2
127	9.7	7.7	11.5

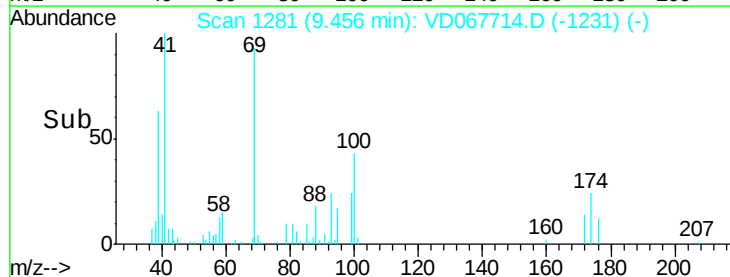
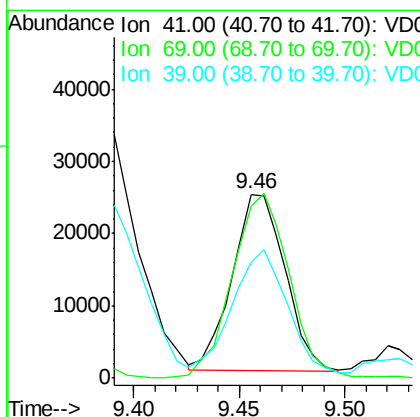
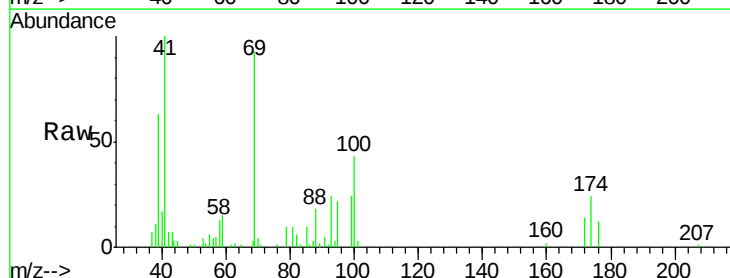
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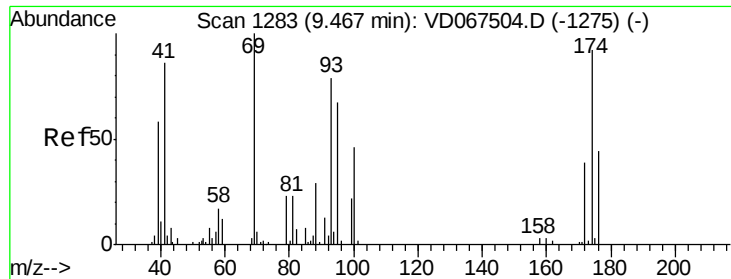
MMDadoda
11/20/2020 10:06:21 AM



#48
Methyl methacrylate
Concen: 49.938 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	41	Resp	42084
Ion Ratio	100	Lower	Upper
41	100		
69	113.9	80.6	121.0
39	72.2	50.2	75.4





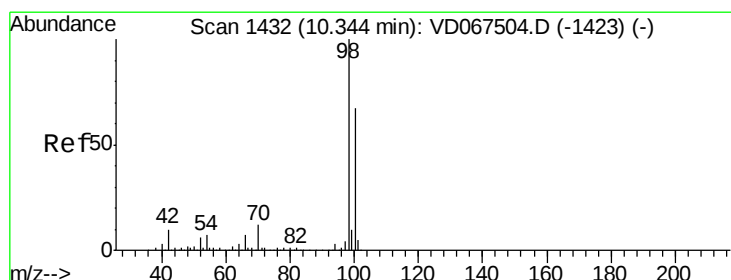
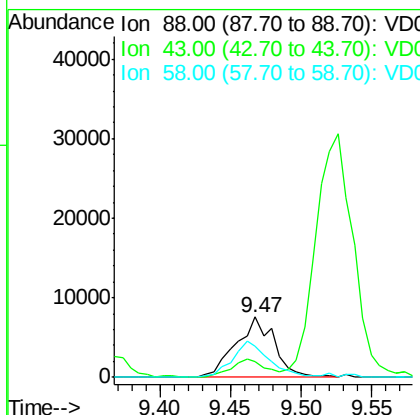
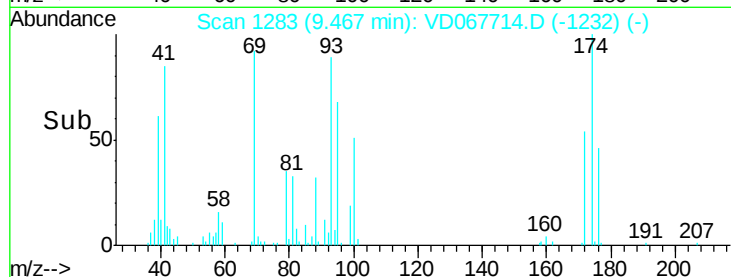
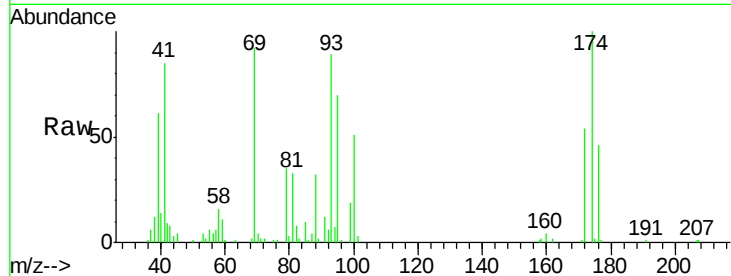
#49
1,4-Dioxane
Concen: 1206.224 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	14495
Ion	Ratio	Lower	Upper
88	100		
43	27.0	23.6	35.4
58	56.8	44.7	67.1

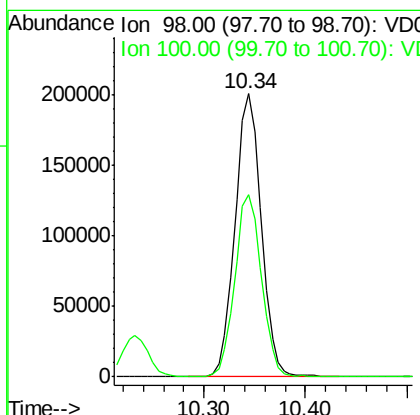
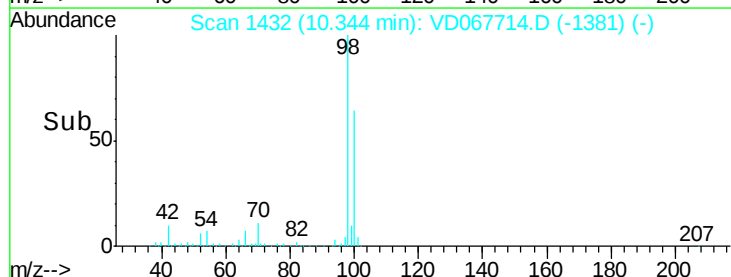
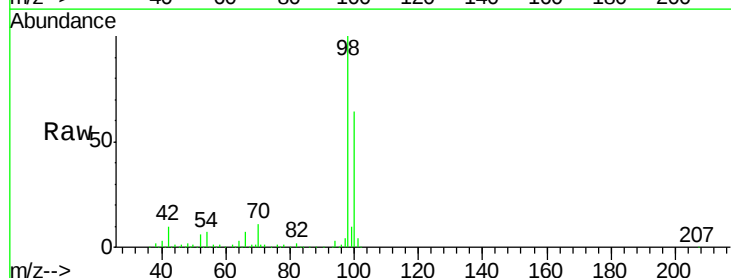
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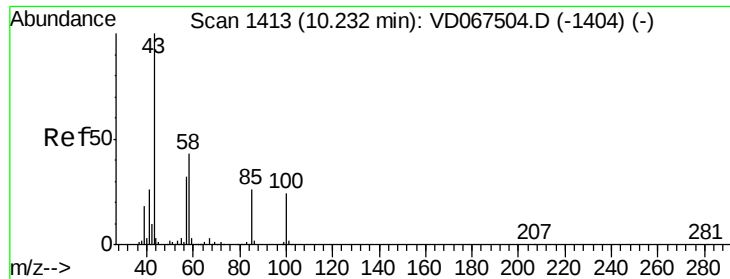
MMDadoda
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#50
Toluene-d8
Concen: 45.992 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	98	Resp	361638
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





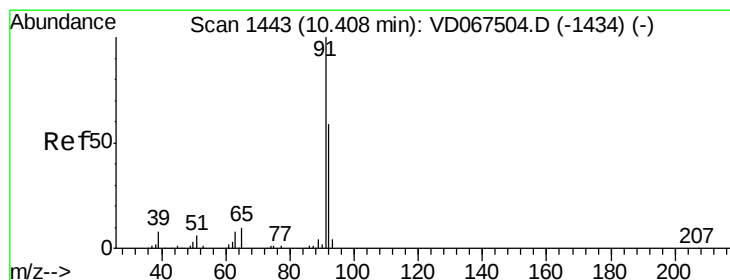
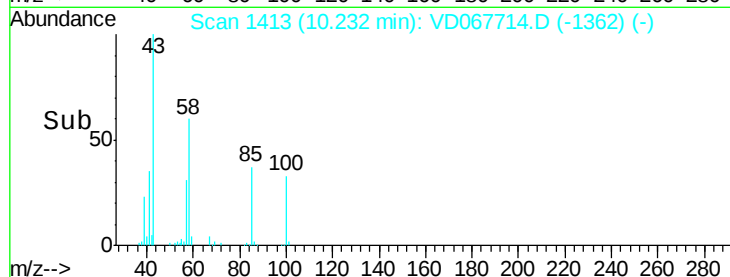
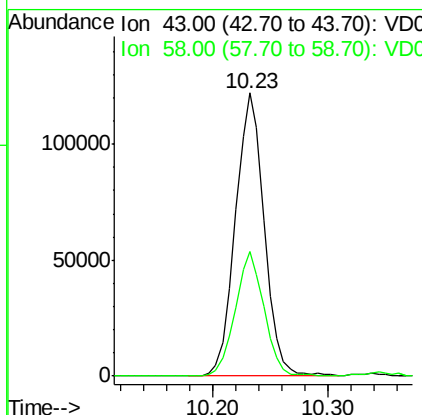
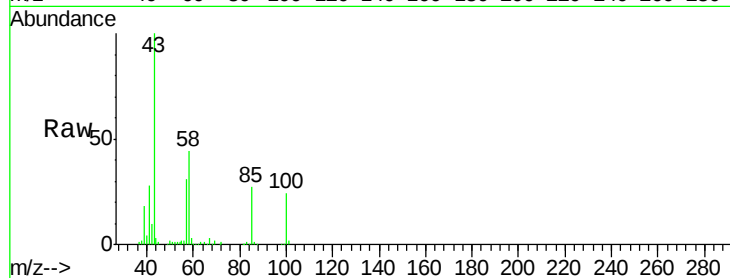
#51
4-Methyl-2-Pentanone
Concen: 269.535 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.1	35.6	53.4

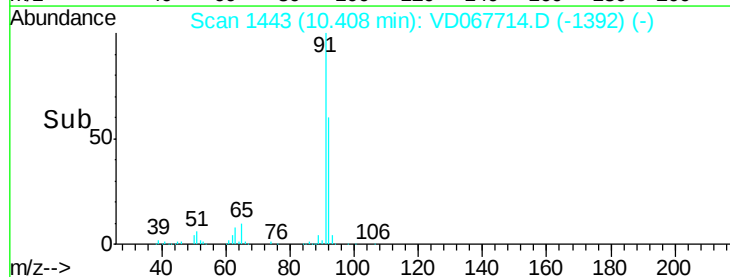
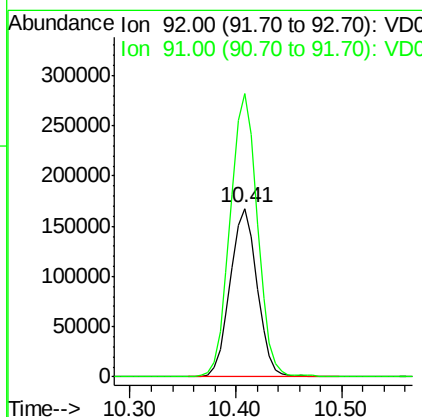
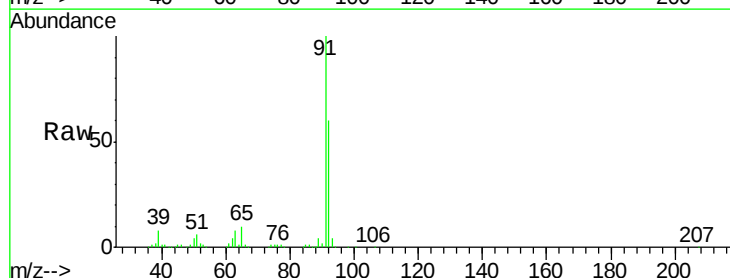
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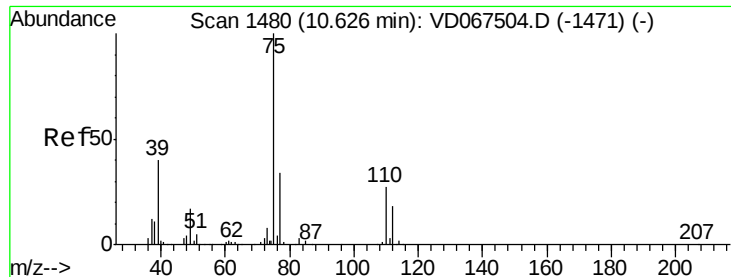
MMDadoda
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#52
Toluene
Concen: 51.315 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.1	137.0	205.6





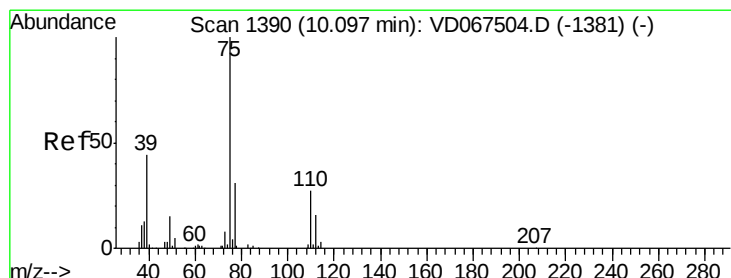
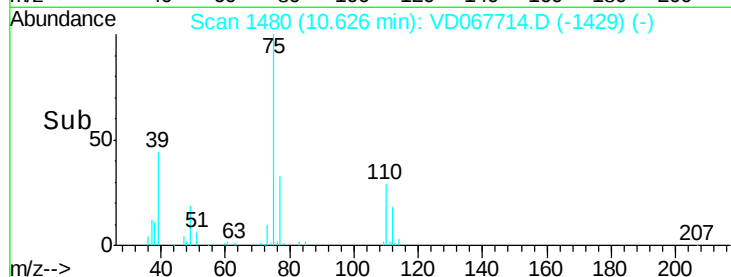
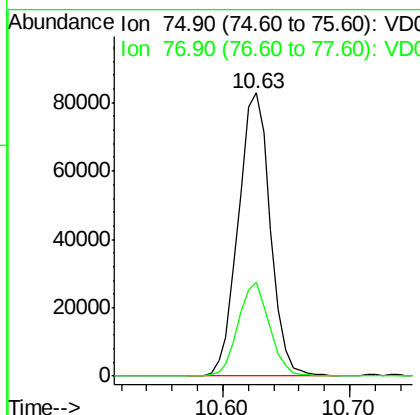
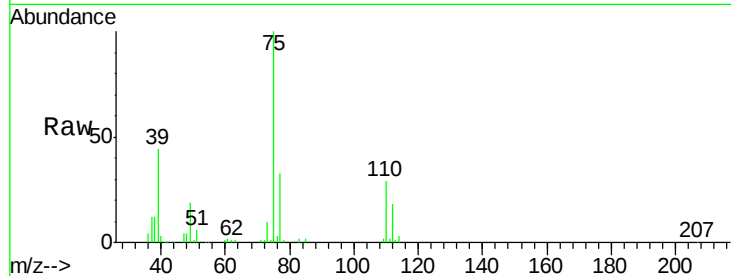
#53
t-1,3-Dichloropropene
Concen: 52.690 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 145189
Ion Ratio Lower Upper
75 100
77 33.4 27.0 40.6

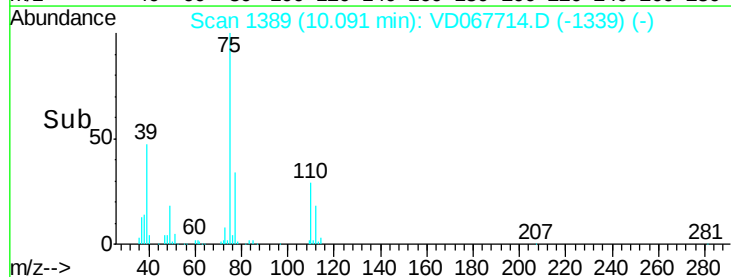
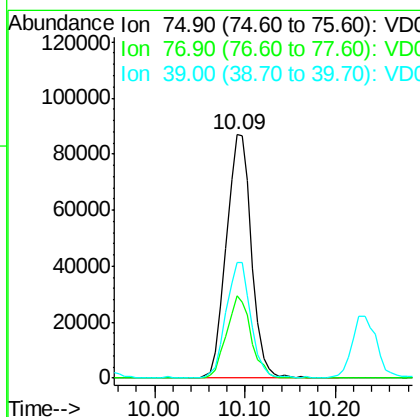
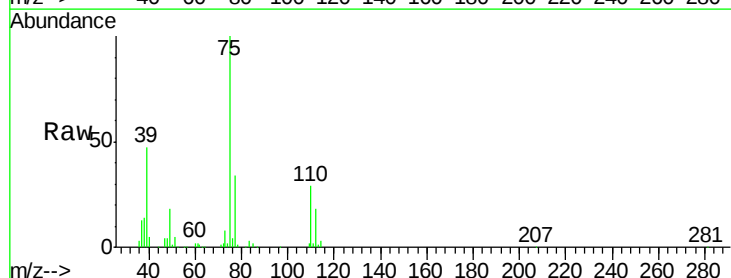
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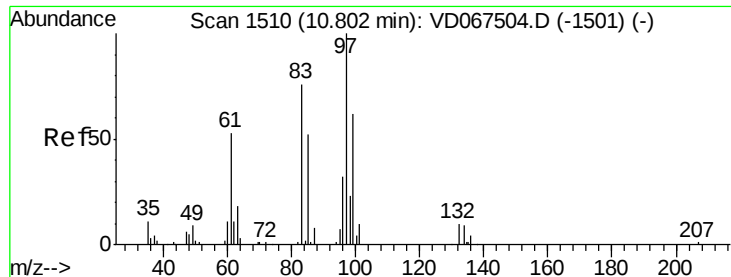
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#54
cis-1,3-Dichloropropene
Concen: 51.077 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 75 Resp: 167221
Ion Ratio Lower Upper
75 100
77 33.9 24.4 36.6
39 47.1 35.6 53.4





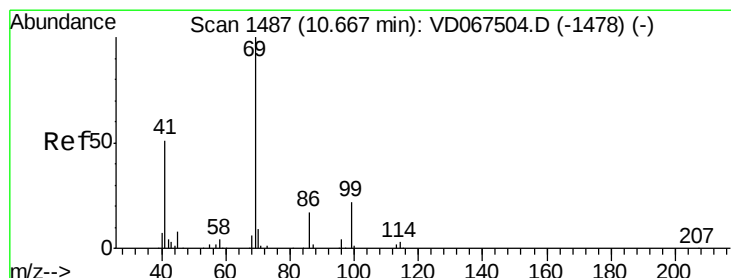
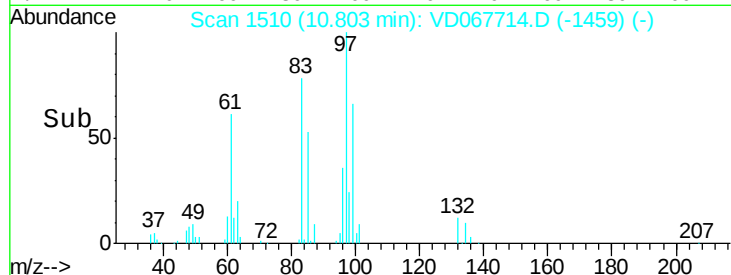
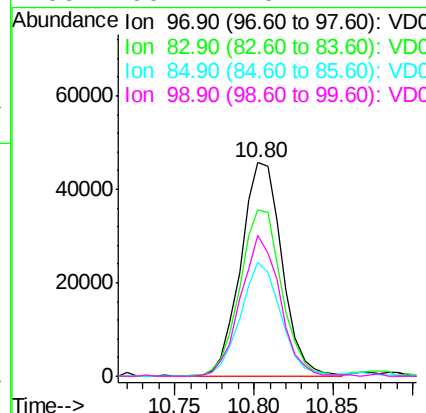
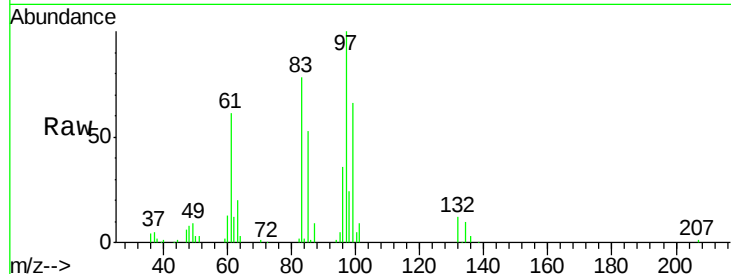
#55
 1,1,2-Trichloroethane
 Concen: 52.685 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		82516		
83	77.4	61.0	91.6		
85	53.1	41.5	62.3		
99	66.1	49.4	74.2		

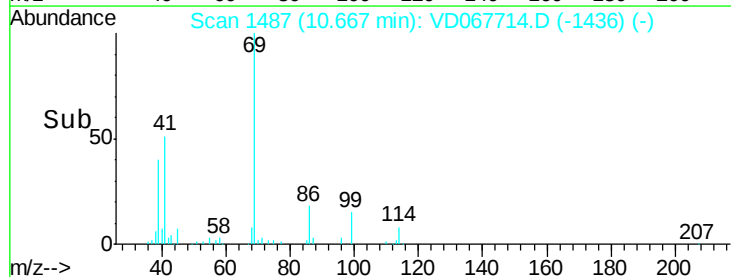
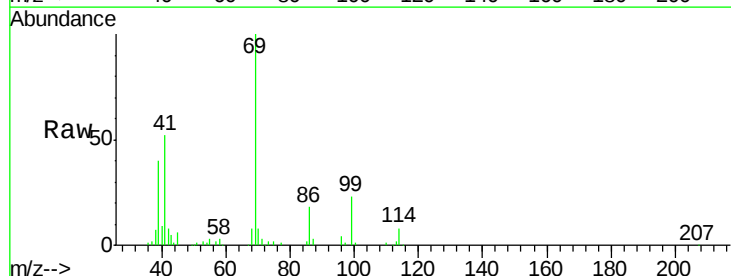
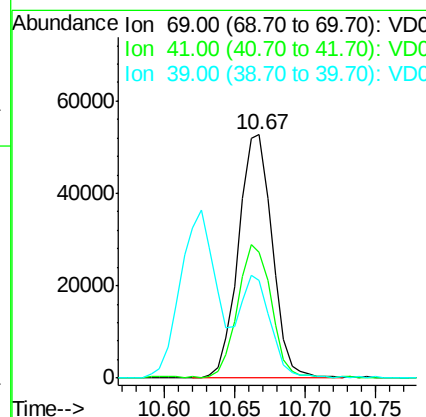
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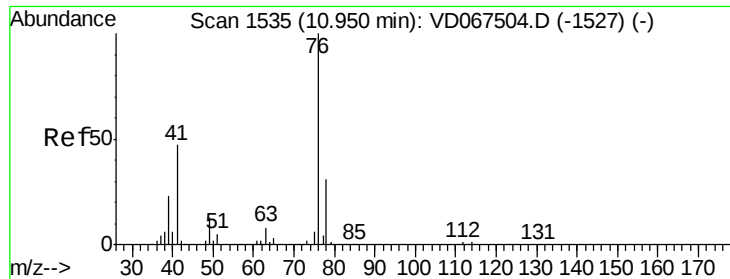
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#56
 Ethyl methacrylate
 Concen: 54.588 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		88289		
41	55.3	45.4	68.0		
39	35.5	27.4	41.0		





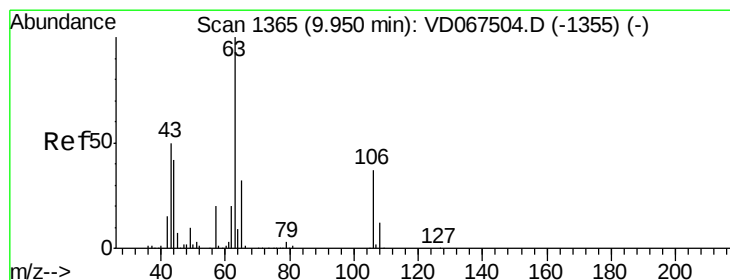
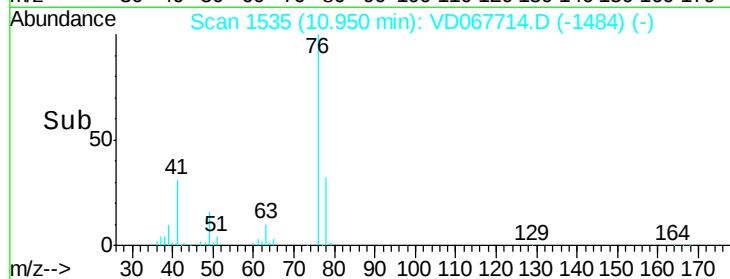
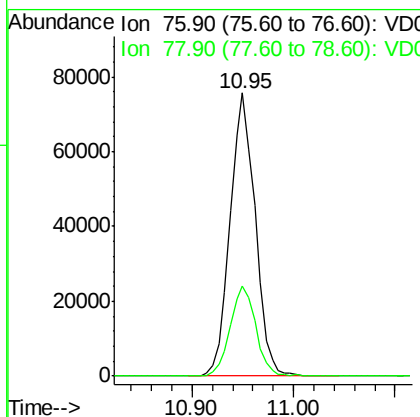
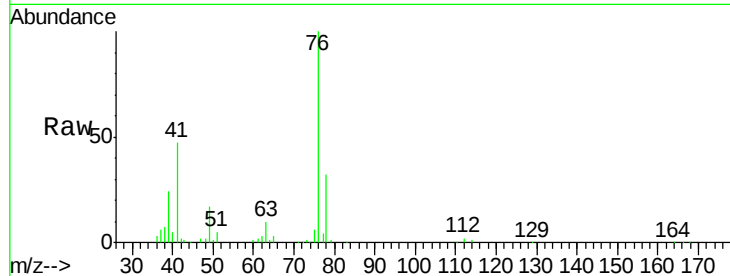
#57
 1,3-Dichloropropane
 Concen: 51.659 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 130198
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1

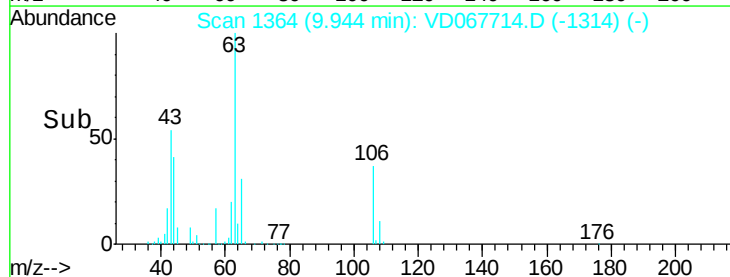
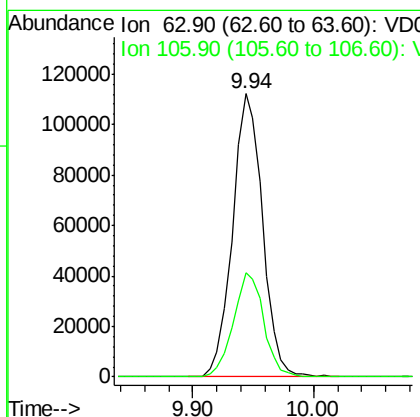
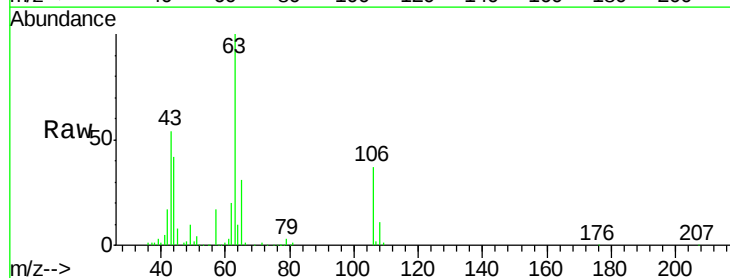
Manual Integrations
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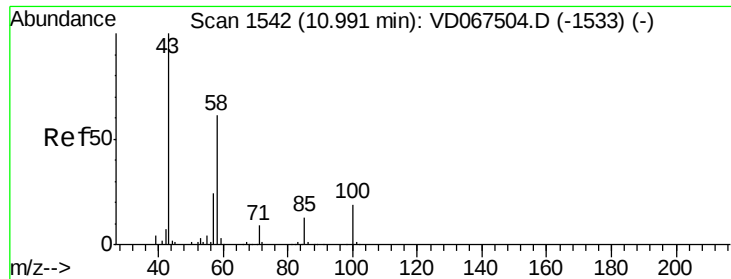
MMDadoda
 11/20/2020 10:06:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.184 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion: 63 Resp: 193976
 Ion Ratio Lower Upper
 63 100
 106 37.3 29.2 43.8





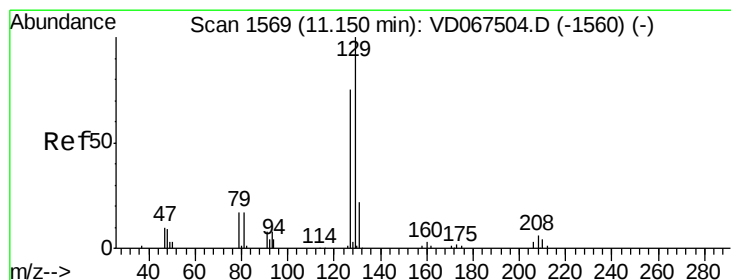
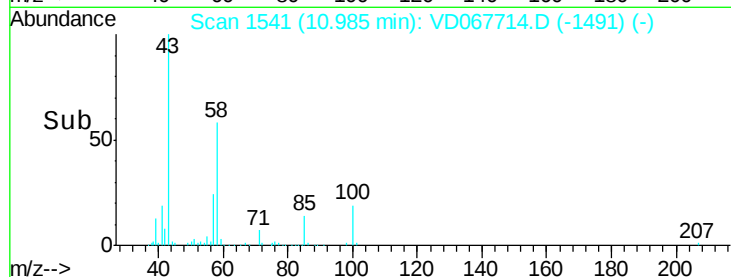
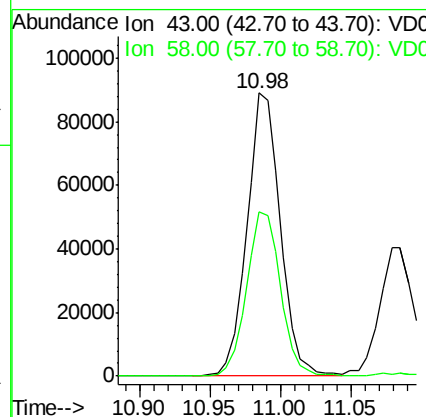
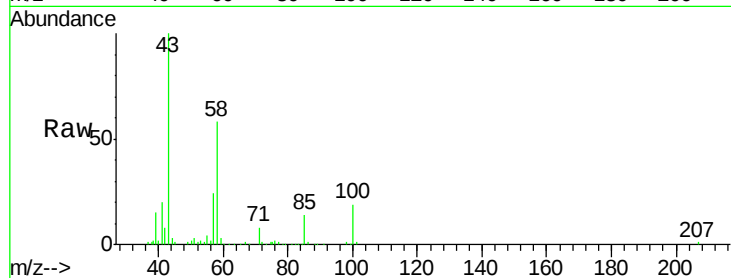
#59
2-Hexanone
Concen: 270.119 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	147428
Ion Ratio	43	100	
Lower	58	59.2	30.3
Upper			90.9

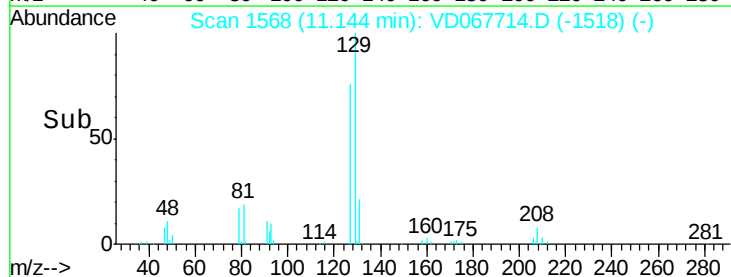
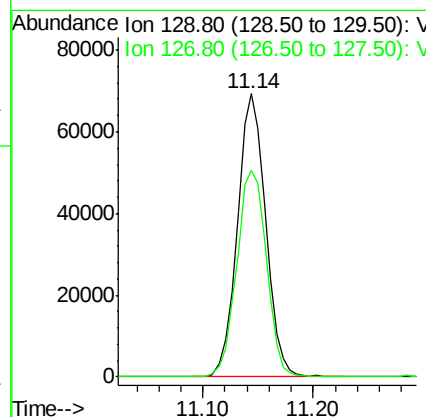
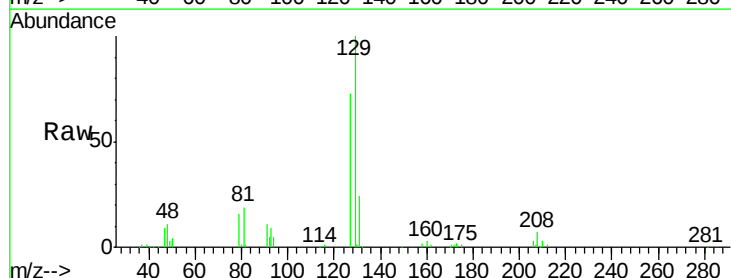
Manual Integrations
APPROVED

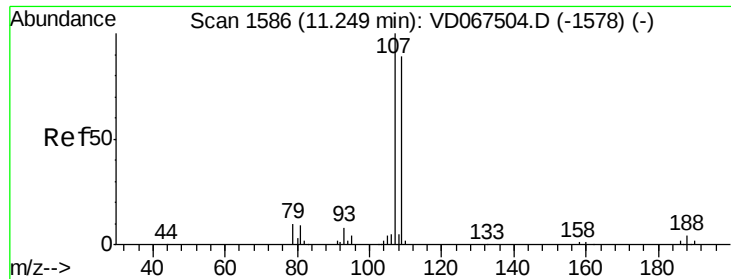
MMDadoda
11/20/2020 10:06:21 AM



#60
Dibromochloromethane
Concen: 53.727 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	129	Resp	124478
Ion Ratio	129	100	
Lower	127	76.9	38.0
Upper			114.1





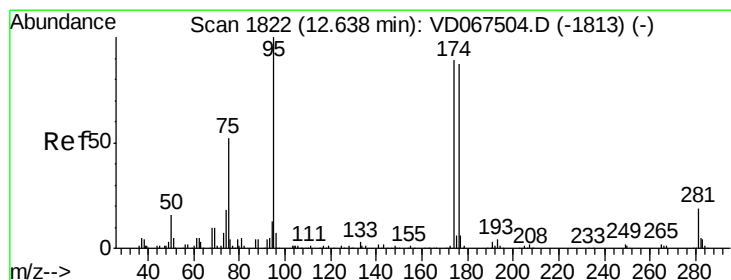
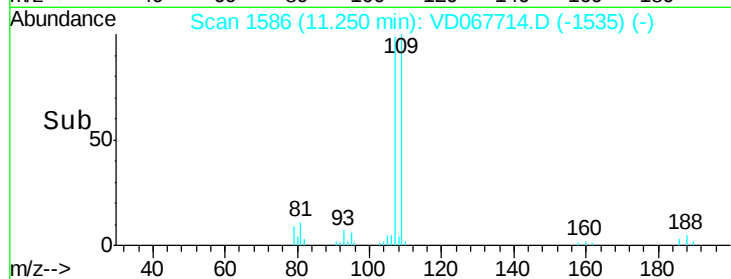
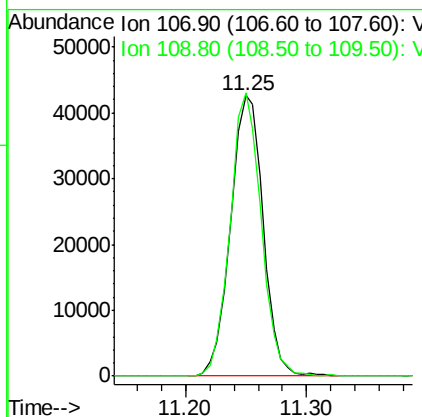
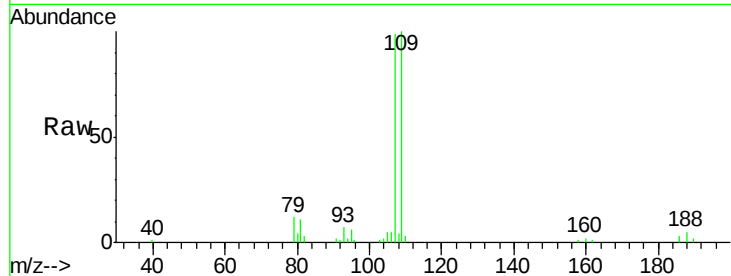
#61
 1,2-Dibromoethane
 Concen: 50.827 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	74.6	111.8

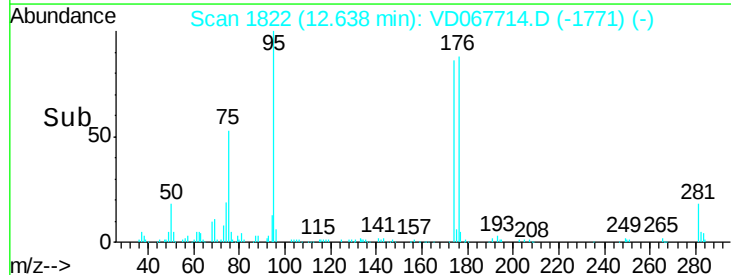
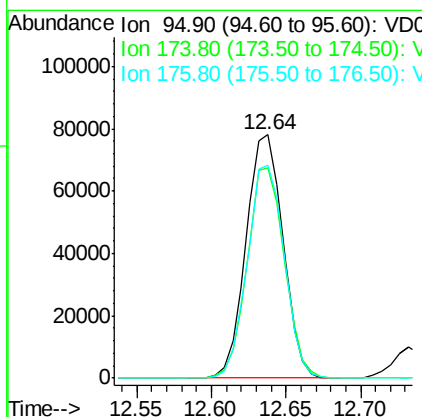
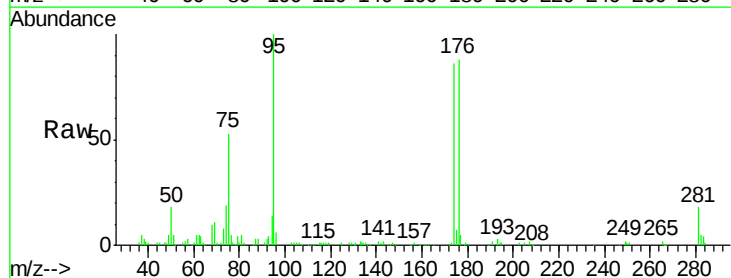
Manual Integrations
 APPROVED

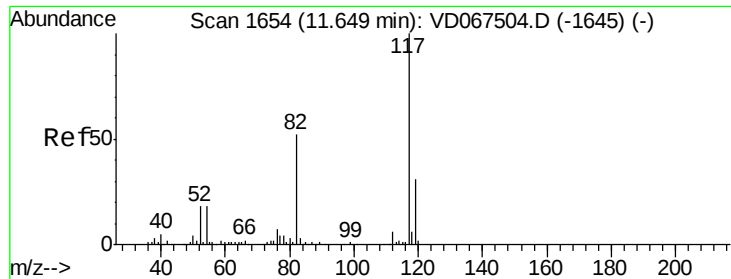
MMDadoda
 11/20/2020 10:06:21 AM



#62
 4-Bromofluorobenzene
 Concen: 49.093 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	177.8
176	87.6	0.0	172.0





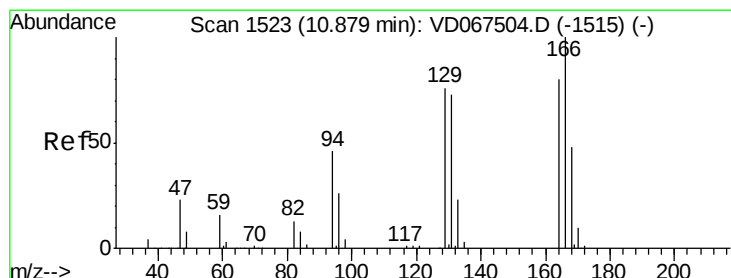
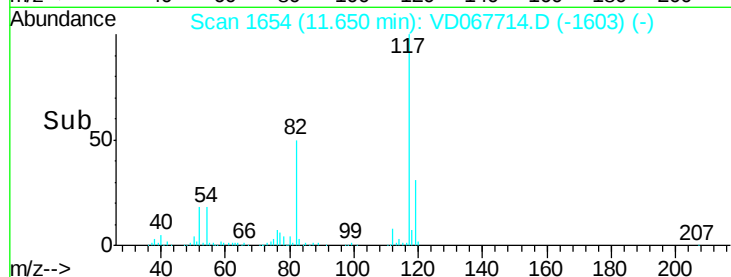
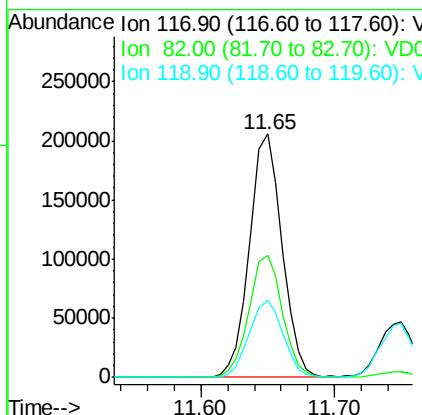
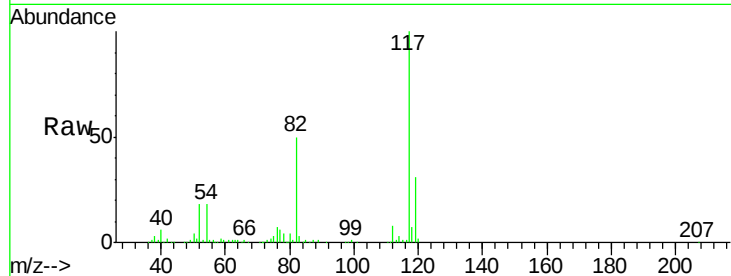
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.6	62.4
119	31.5	25.1	37.7

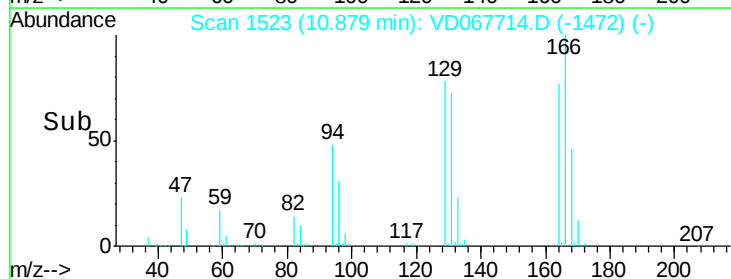
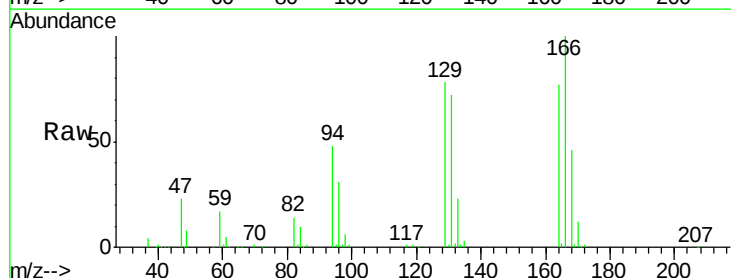
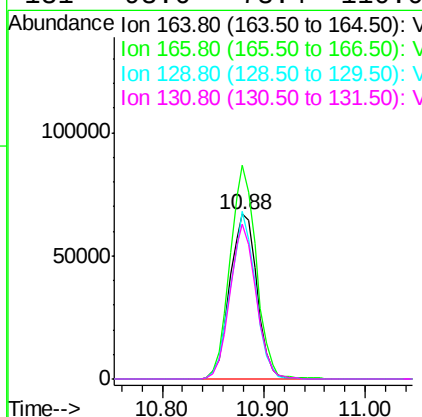
Manual Integrations
APPROVED

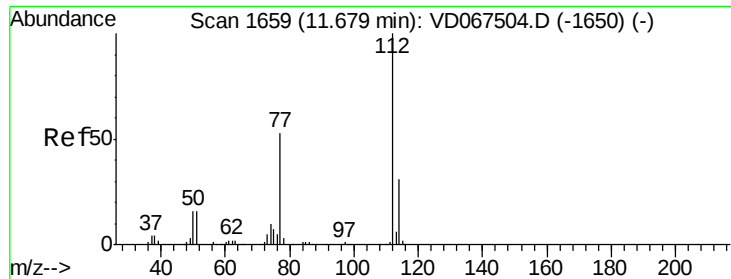
MMDadoda
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#64
Tetrachloroethene
Concen: 48.258 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	99.9	149.9
129	101.4	75.5	113.3
131	93.6	73.4	110.0





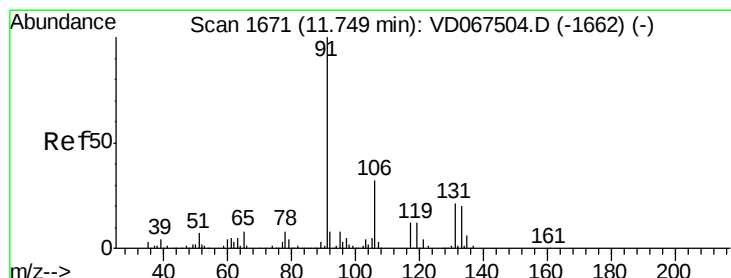
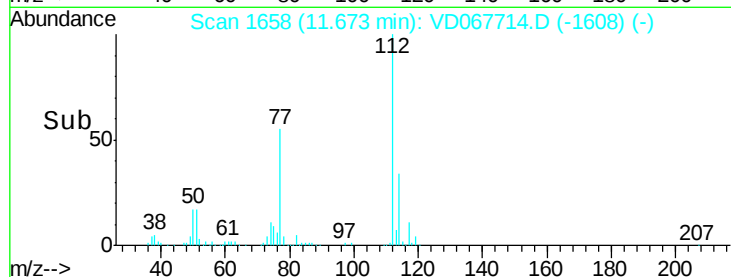
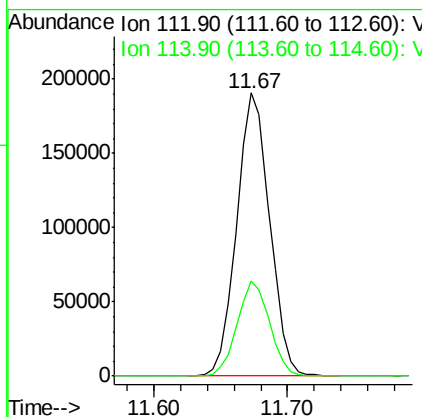
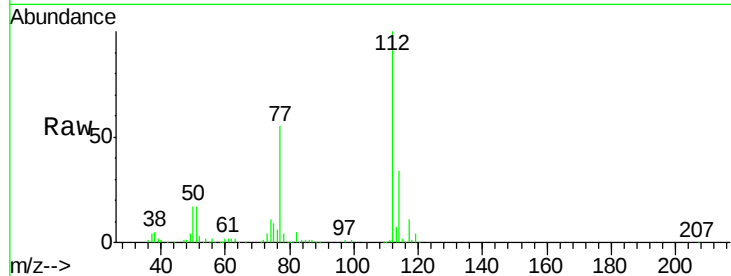
#65
Chlorobenzene
Concen: 48.678 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	24.9	37.3

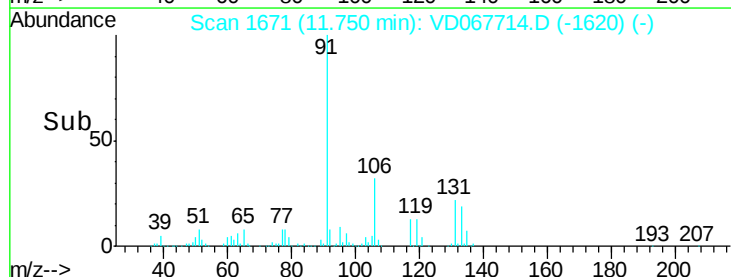
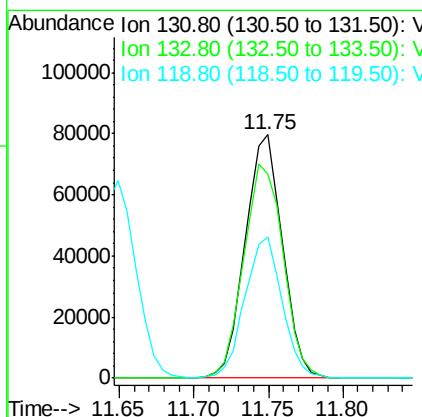
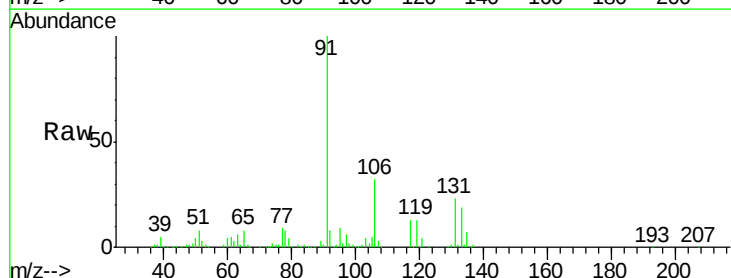
Manual Integrations
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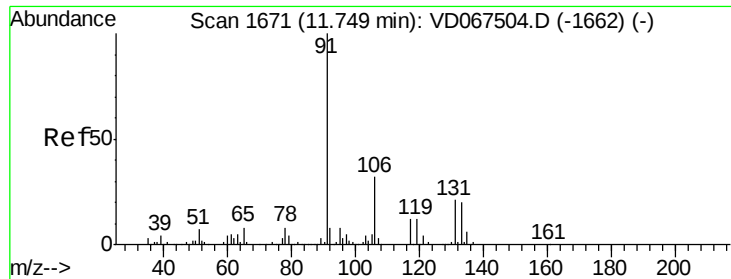
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.170 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	48.0	144.0
119	58.3	30.1	90.5





#67

Ethyl Benzene

Concen: 50.359 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 576572

Ion Ratio Lower Upper

91 100

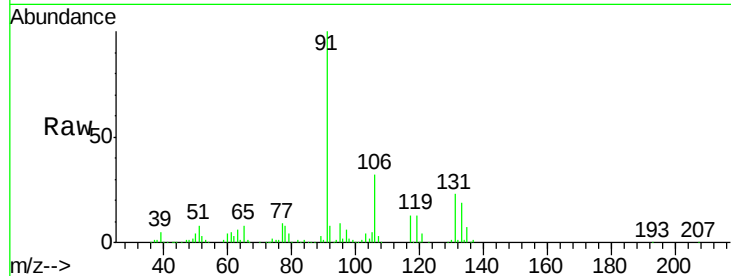
106 31.8 25.7 38.5

Manual Integrations

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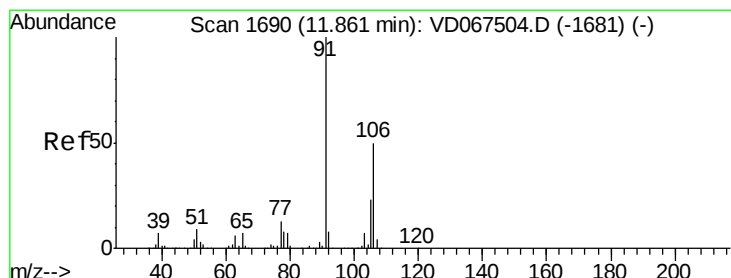
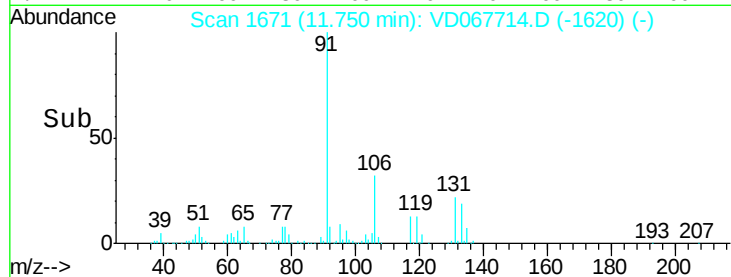
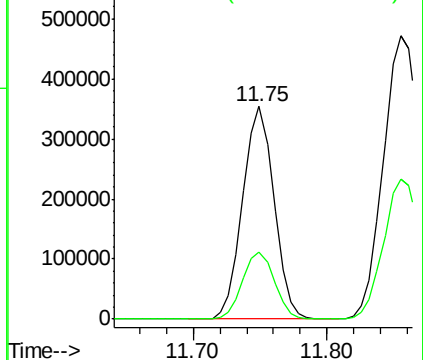
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.771 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067714.D

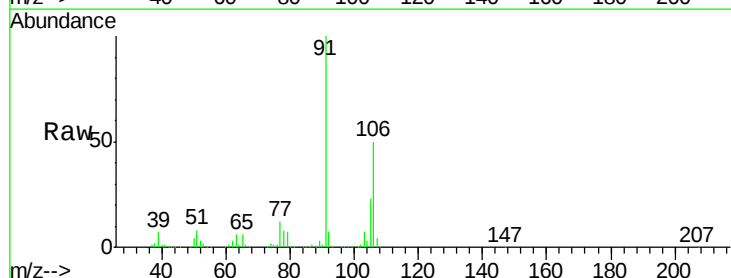
Acq: 19 Nov 2020 17:53

Tgt Ion: 106 Resp: 453316

Ion Ratio Lower Upper

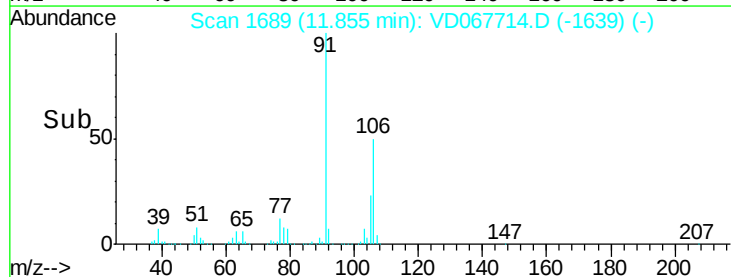
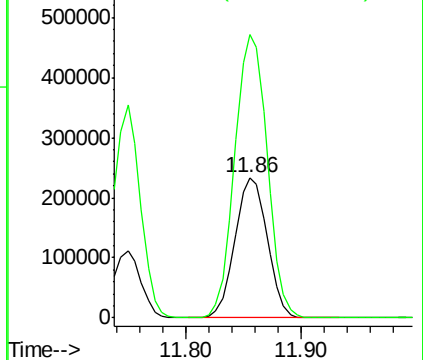
106 100

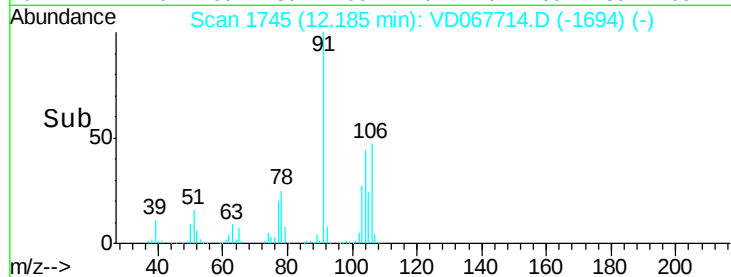
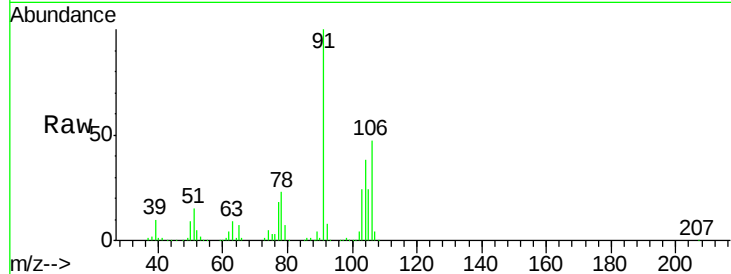
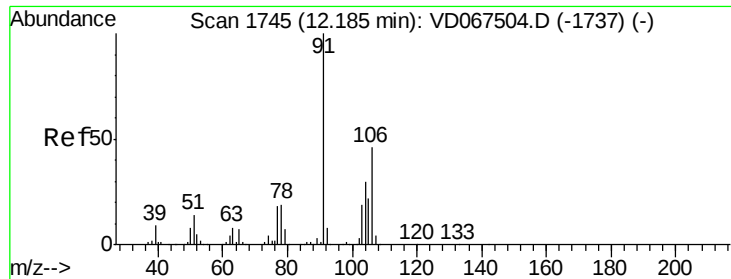
91 202.9 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC





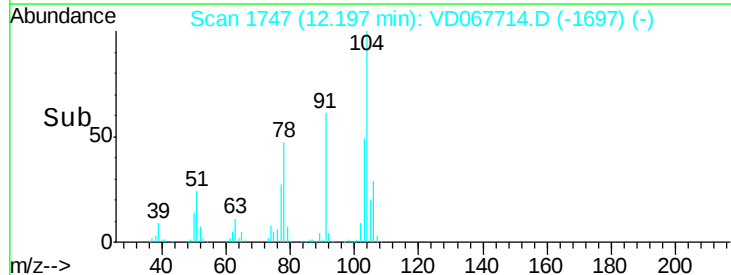
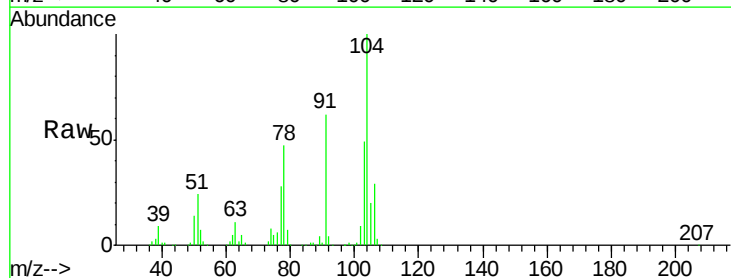
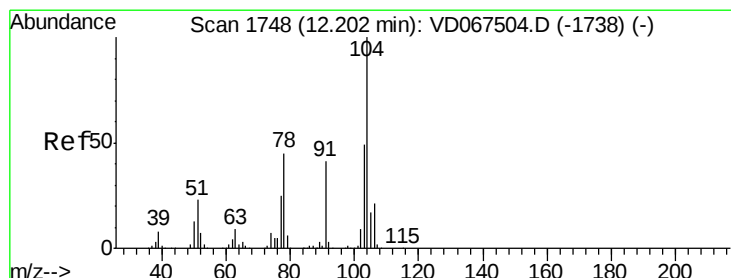
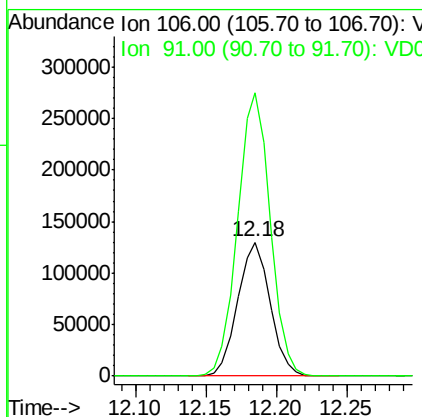
#69
o-Xylene
Concen: 52.492 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tot Ion:106 Resp: 208752
Ion Ratio Lower Upper
106 100
91 212.4 107.1 321.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

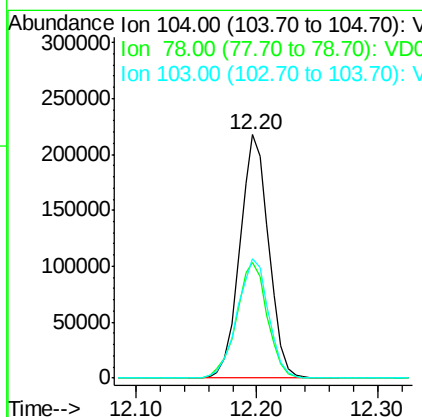
Manual Integrations
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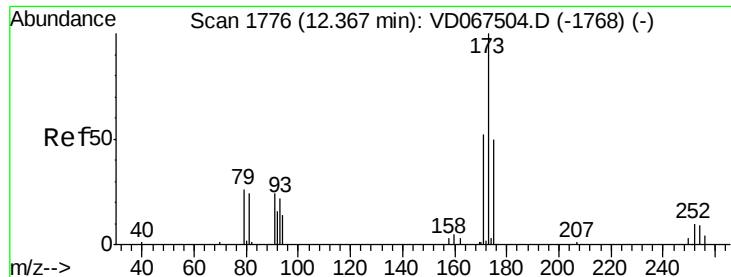
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#70
Styrene
Concen: 52.209 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion:104 Resp: 361796
Ion Ratio Lower Upper
104 100
78 50.7 39.8 59.8
103 53.0 43.9 65.9





#71

Bromoform

Concen: 52.098 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 70068

Ion Ratio Lower Upper

173 100

175 50.2 24.1 72.2

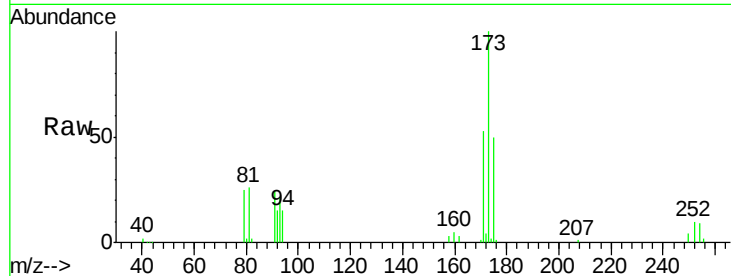
254 0.0 0.0 0.0

Manual Integrations

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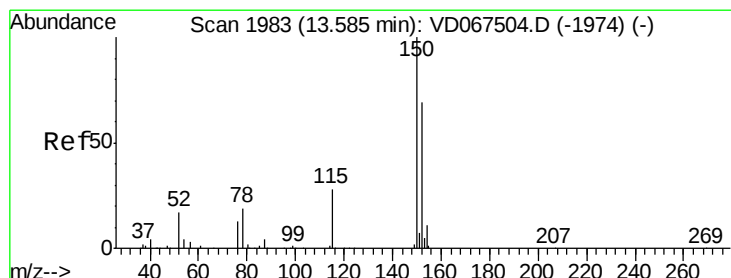
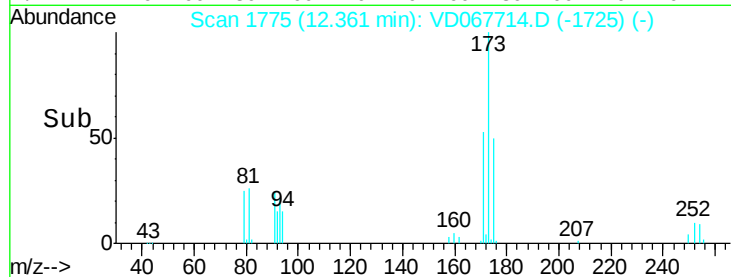
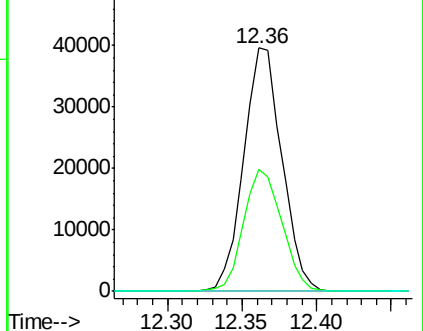
11/20/2020 10:06:21 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

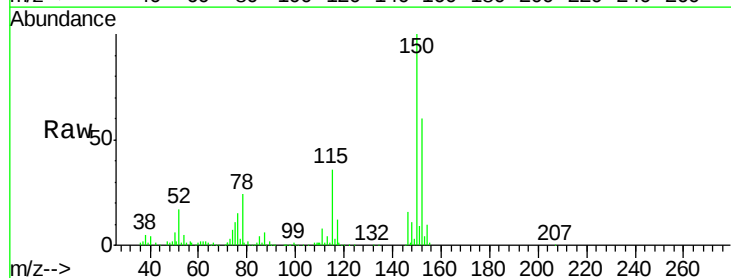
Tgt Ion:152 Resp: 177323

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

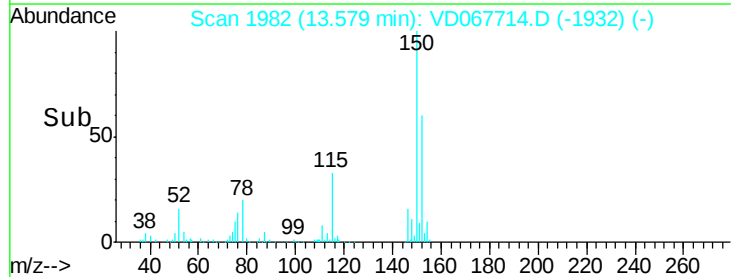
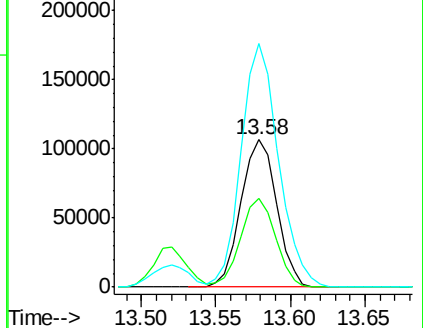
150 172.6 0.0 338.2

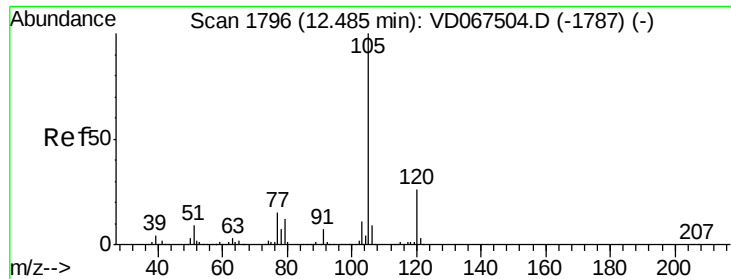


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.030 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 584811

Ion Ratio Lower Upper

105 100

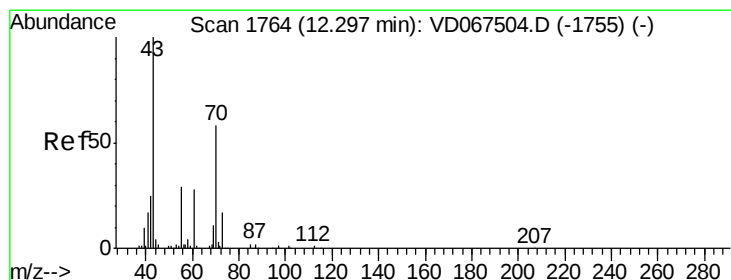
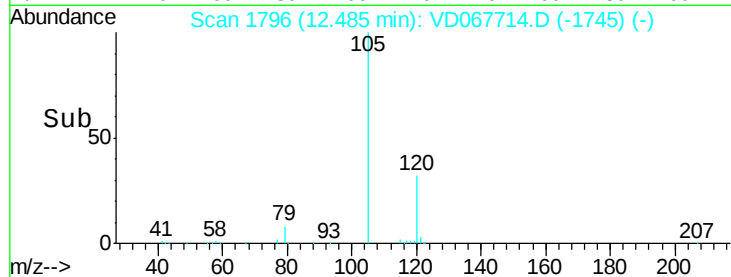
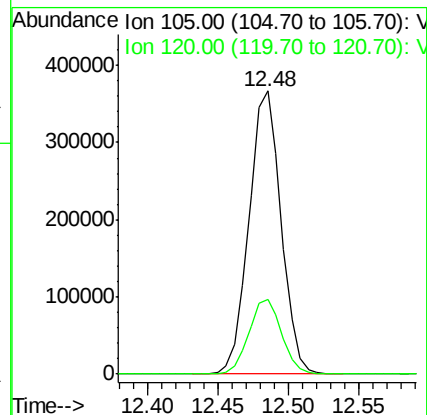
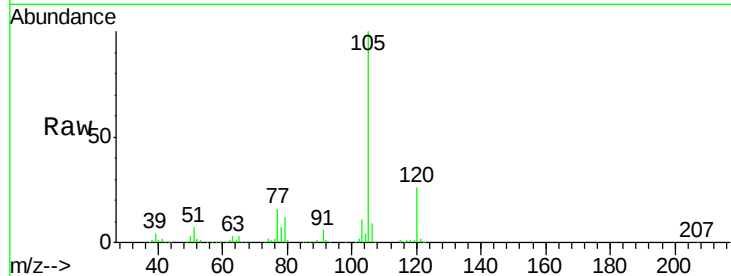
120 26.9 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.750 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion: 43 Resp: 75021

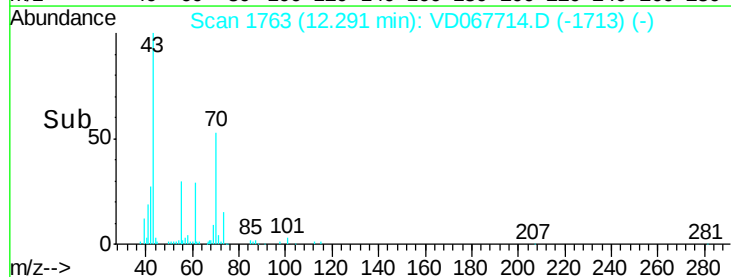
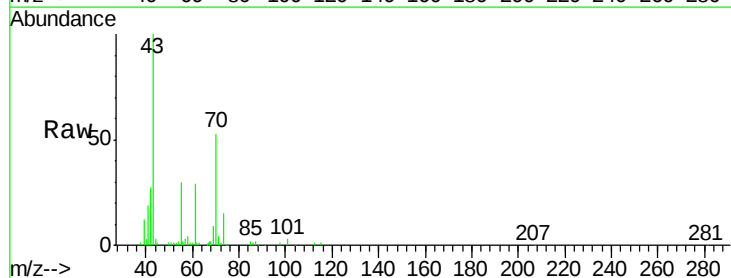
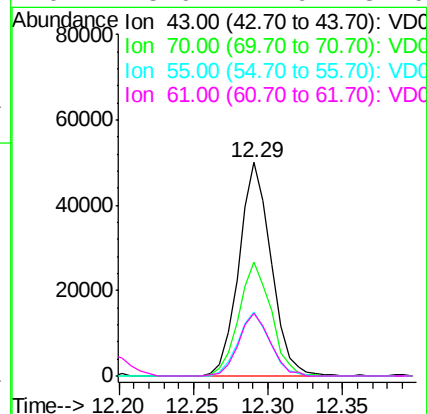
Ion Ratio Lower Upper

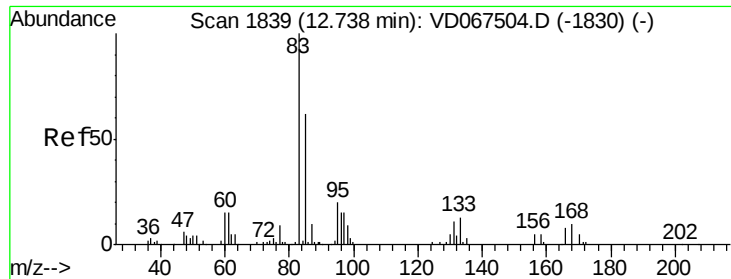
43 100

70 53.8 42.6 64.0

55 29.7 23.7 35.5

61 28.9 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.344 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

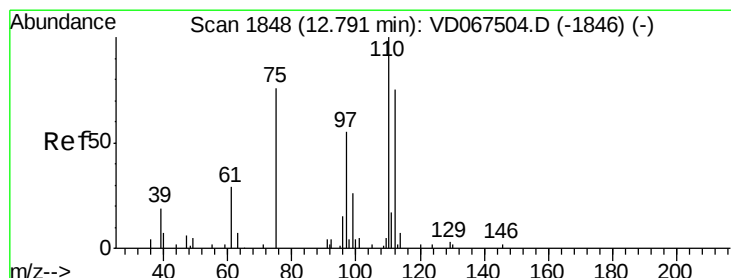
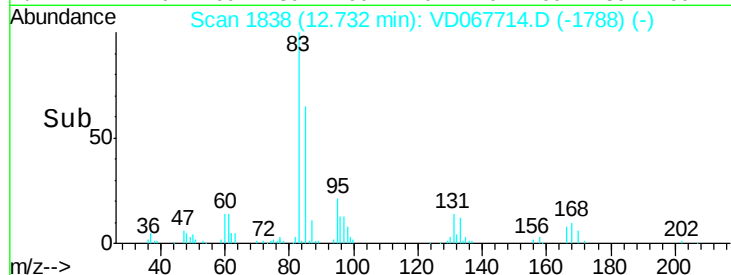
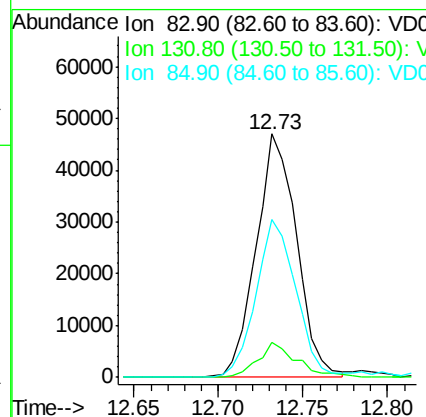
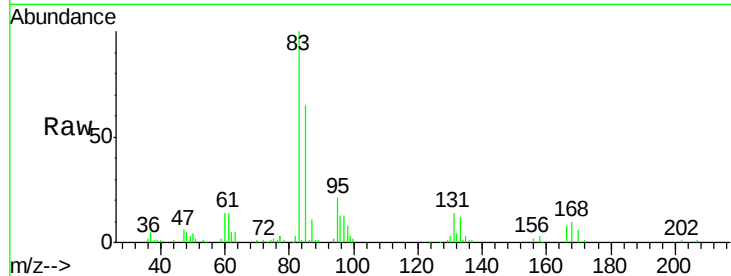
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	78673
Ion Ratio	Lower	Upper	
83	100		
131	13.8	7.1	21.3
85	64.0	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.659 ug/l m

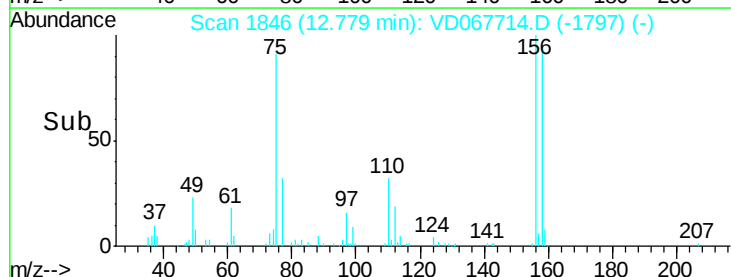
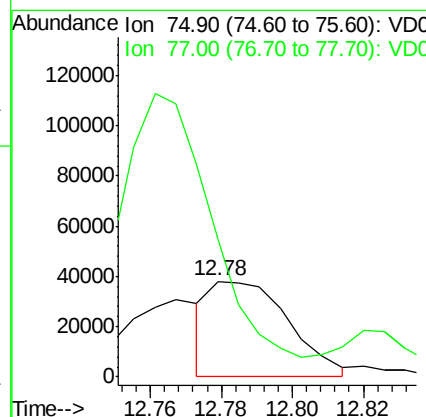
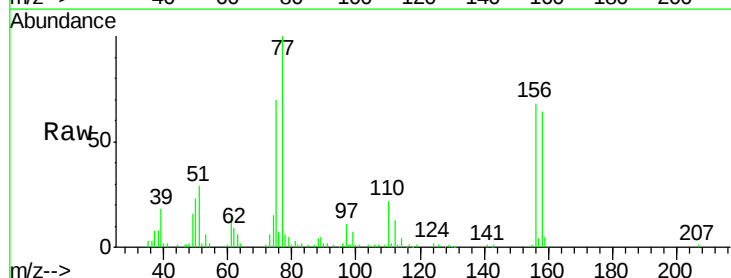
RT: 12.78 min Scan# 1846

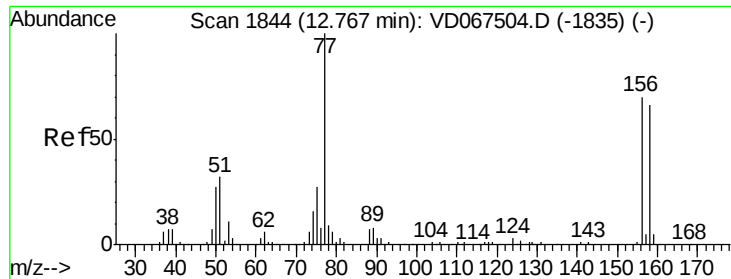
Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion:	75	Resp:	58469
Ion Ratio	Lower	Upper	
75	100		
77	365.3	0.0	0.0#





#77

Bromobenzene

Concen: 50.223 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

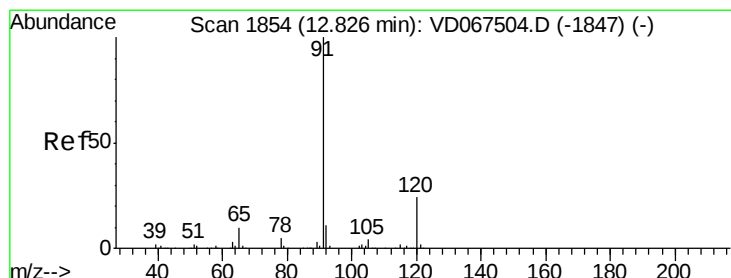
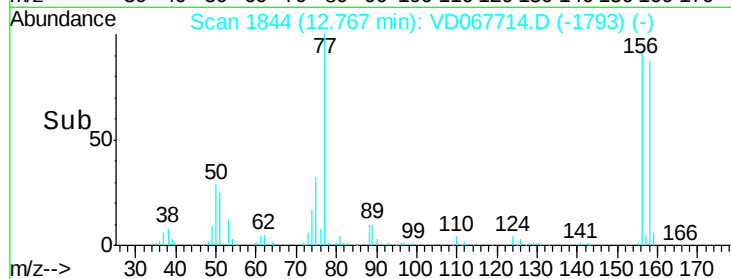
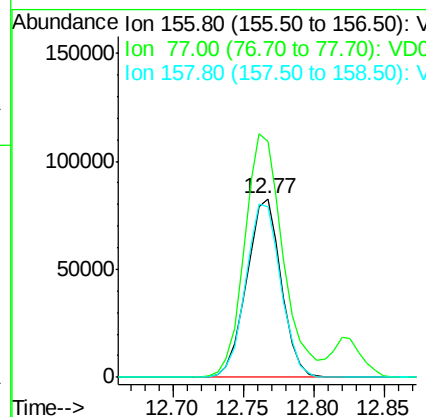
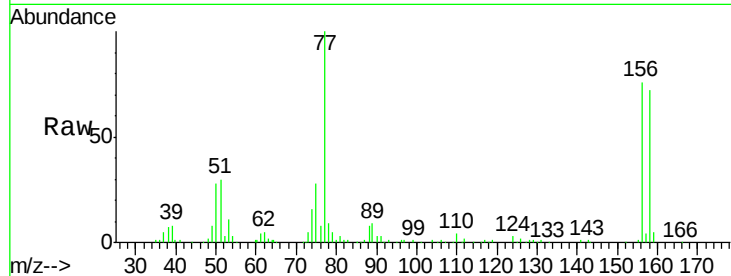
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	141350
Ion Ratio	Lower	Upper	
156	100		
77	151.1	77.8	233.5
158	98.9	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 49.768 ug/l

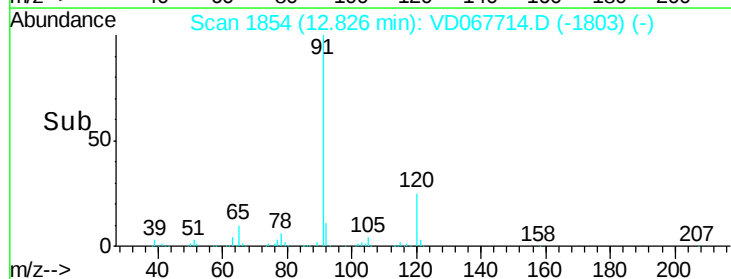
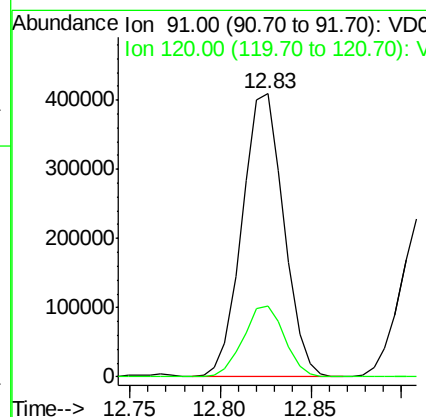
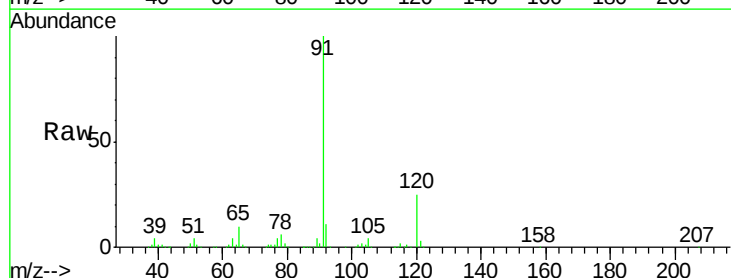
RT: 12.83 min Scan# 1854

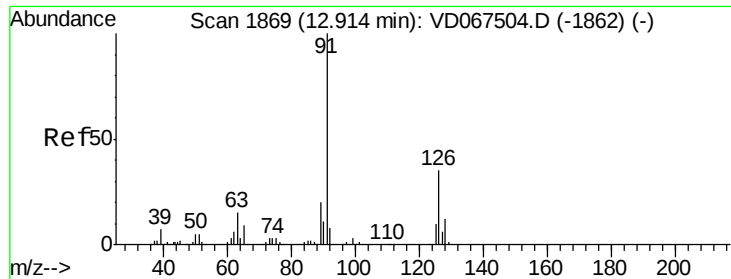
Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion:	91	Resp:	652380
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.2	36.4





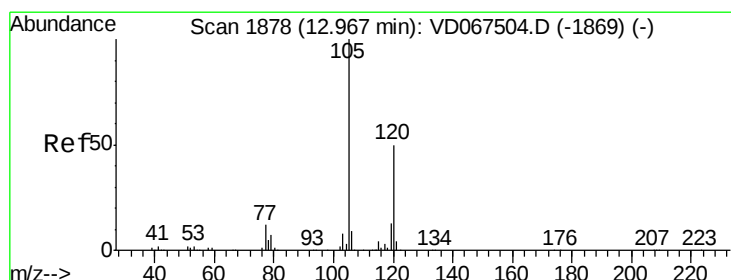
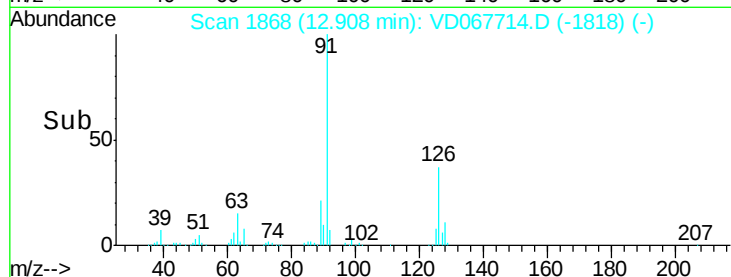
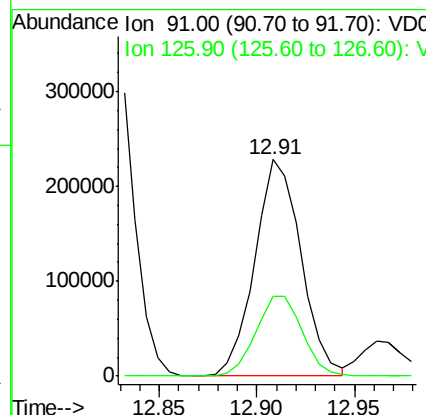
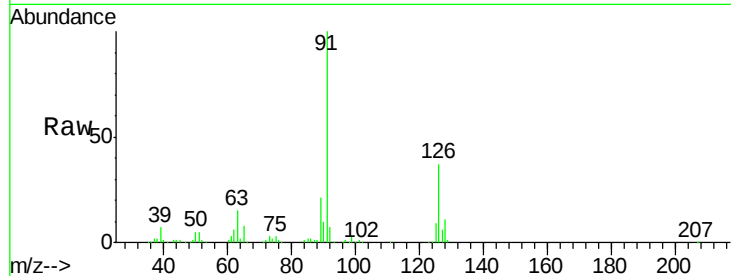
#79
2-Chlorotoluene
Concen: 50.353 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 374939
Ion Ratio Lower Upper
91 100
126 37.3 17.8 53.4

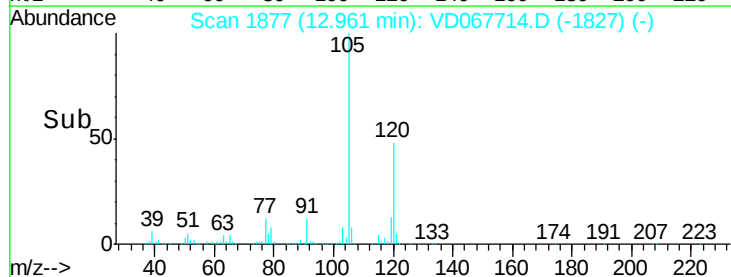
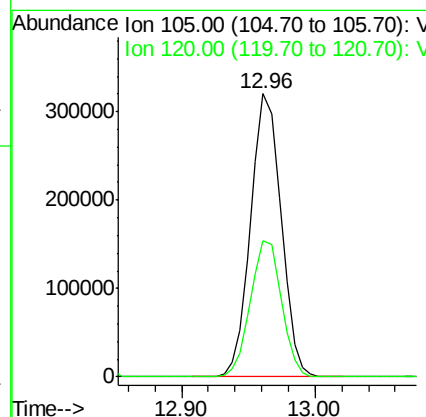
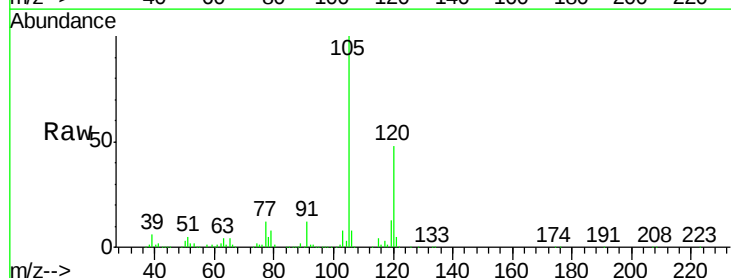
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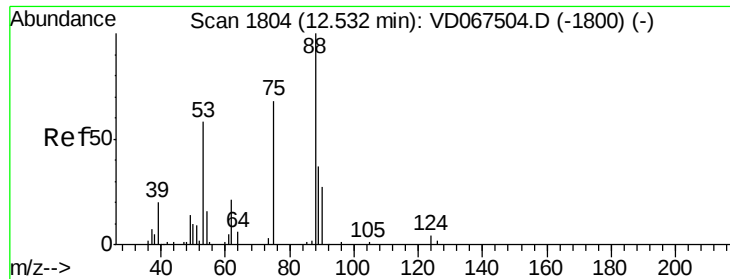
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#80
1,3,5-Trimethylbenzene
Concen: 51.571 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 105 Resp: 504871
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.168 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 24852

Ion Ratio Lower Upper

75 100

53 102.5 75.9 113.9

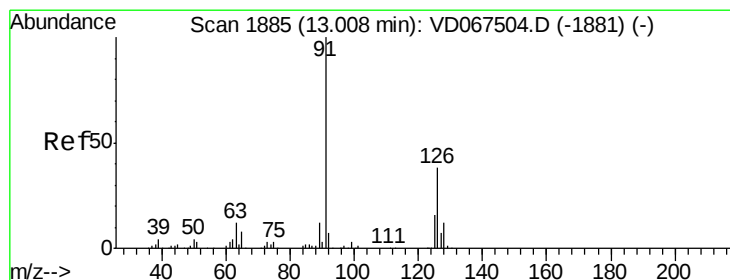
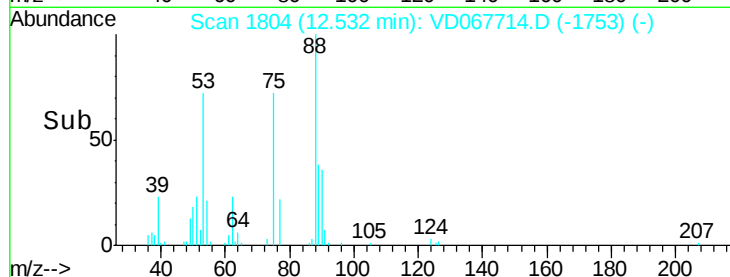
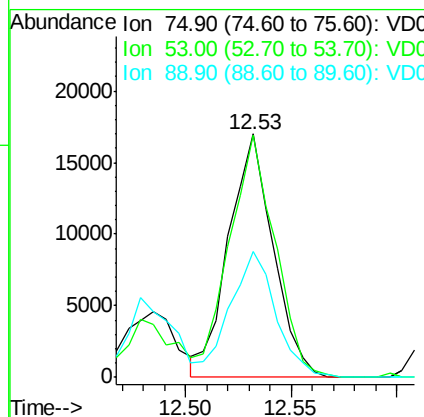
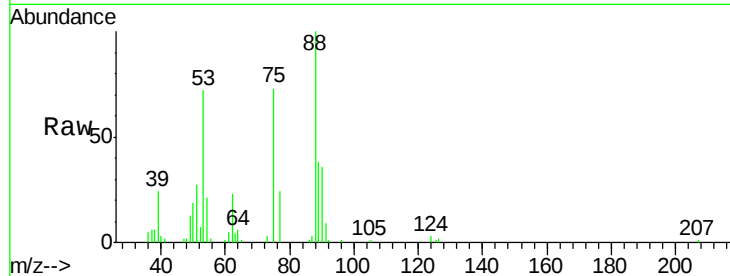
89 53.5 44.6 67.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 50.259 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067714.D

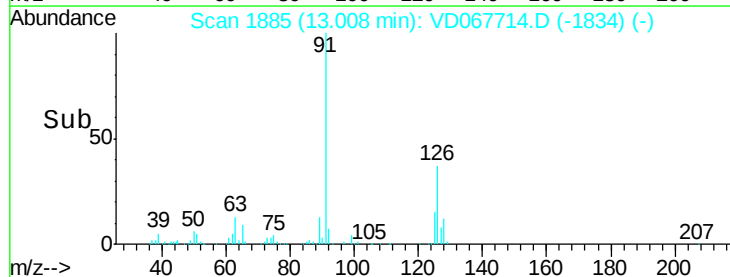
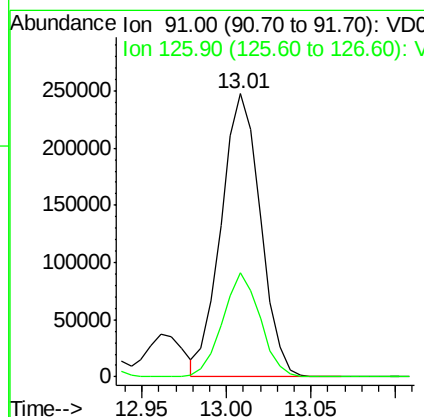
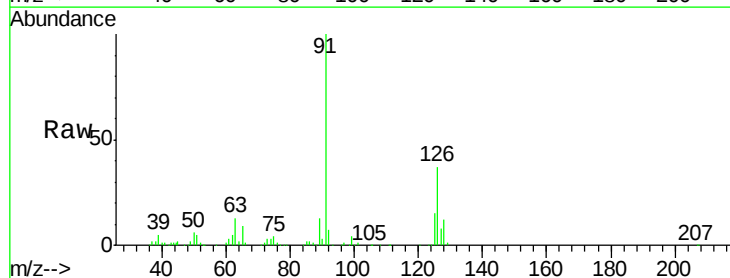
Acq: 19 Nov 2020 17:53

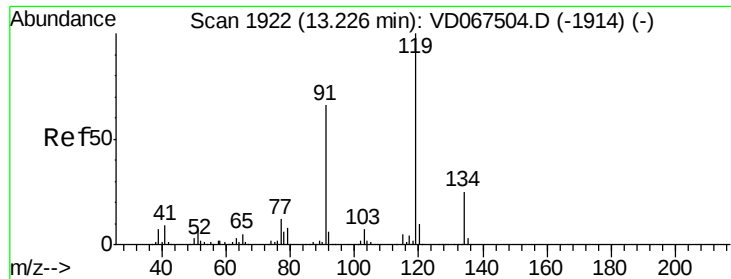
Tgt Ion: 91 Resp: 401370

Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.7





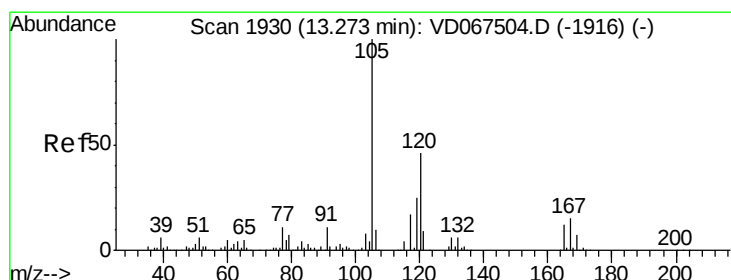
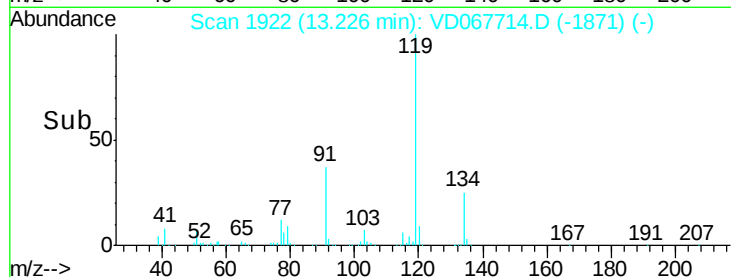
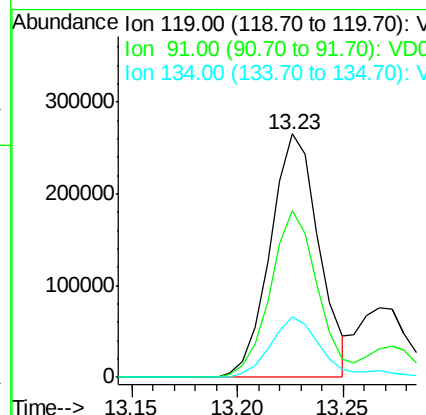
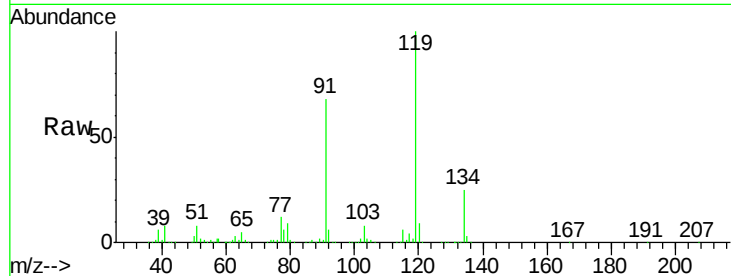
#83
tert-Butylbenzene
Concen: 51.497 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	32.7	98.1
134	26.7	13.4	40.2

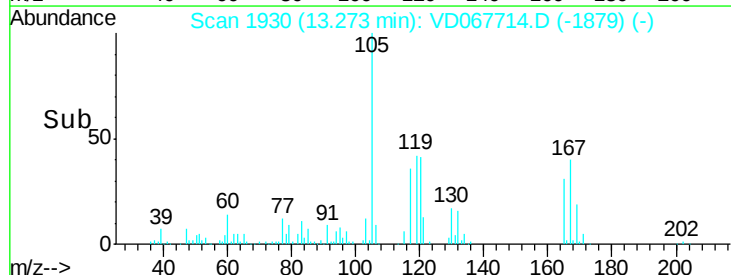
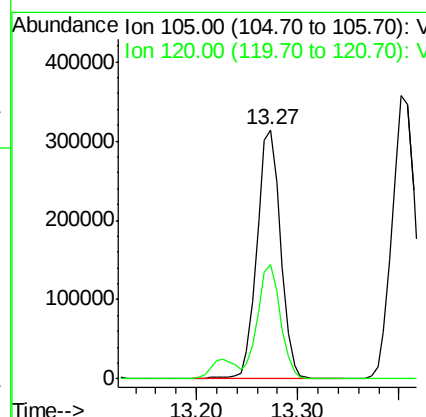
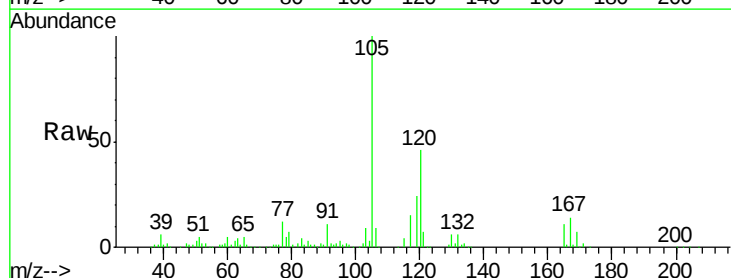
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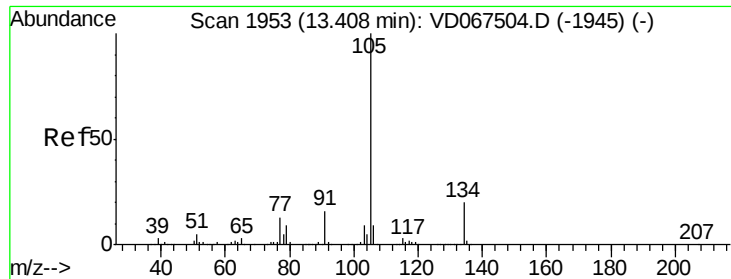
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#84
1,2,4-Trimethylbenzene
Concen: 52.097 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1





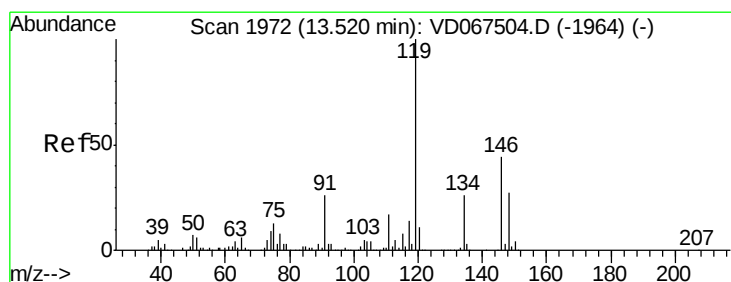
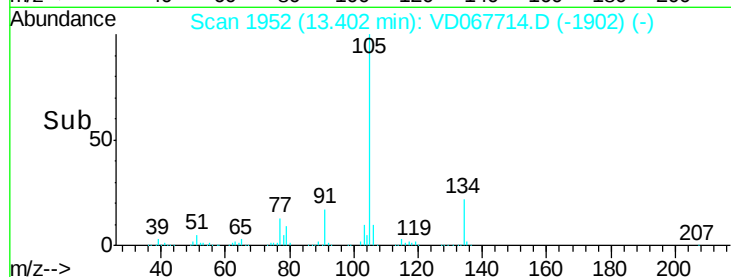
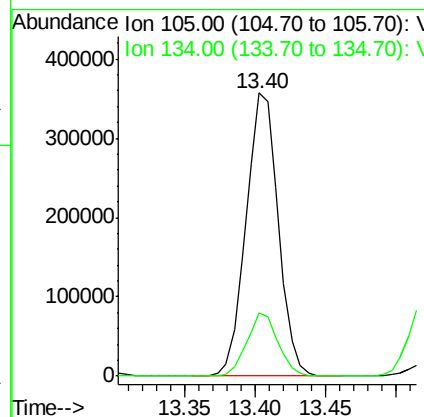
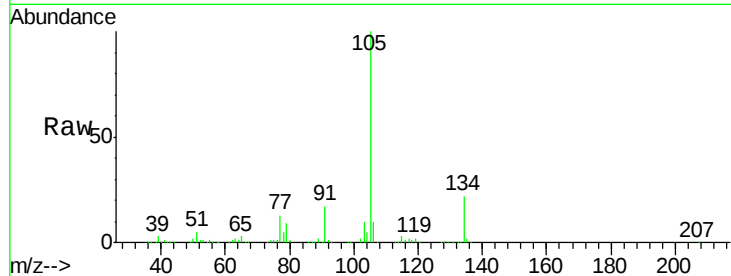
#85
 sec-Butylbenzene
 Concen: 50.982 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.4	31.4

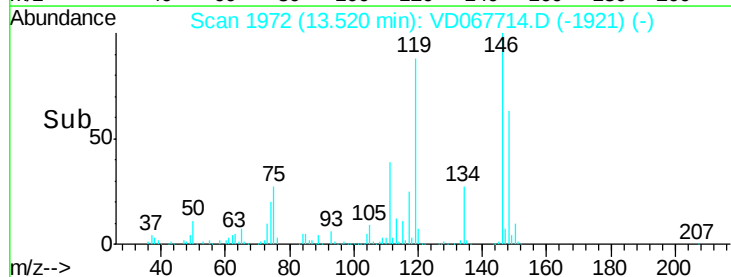
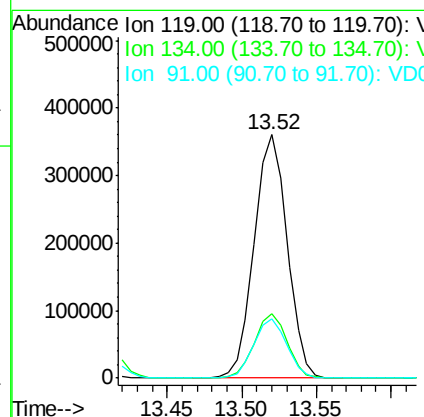
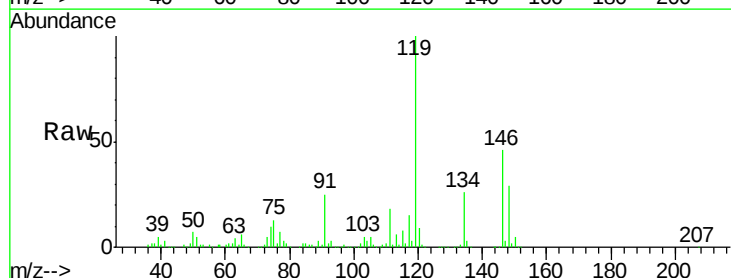
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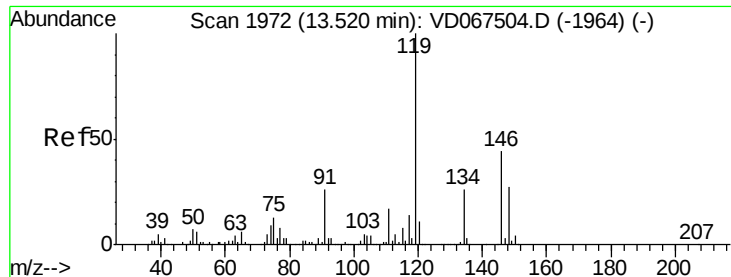
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#86
 p-Isopropyltoluene
 Concen: 50.760 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.3
91	24.6	12.2	36.4





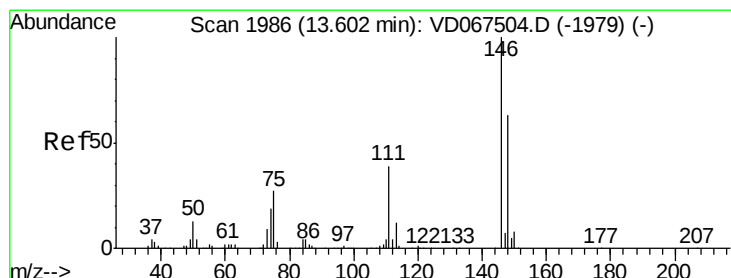
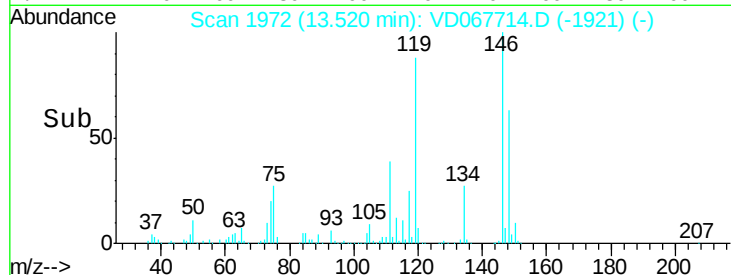
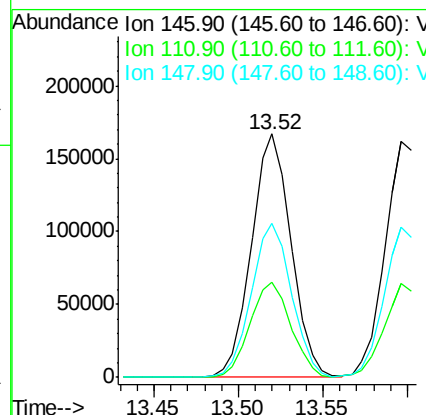
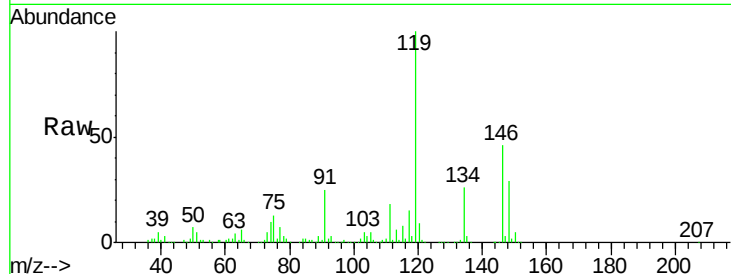
#87
 1,3-Dichlorobenzene
 Concen: 50.627 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	64.2	31.9	95.9

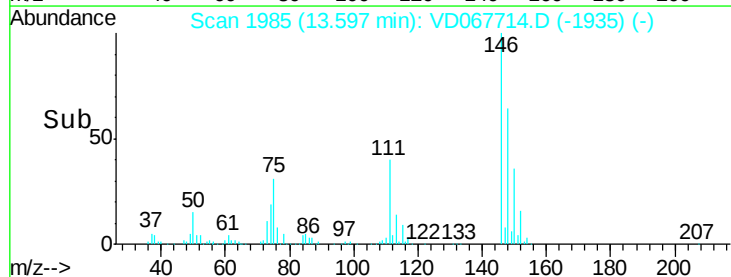
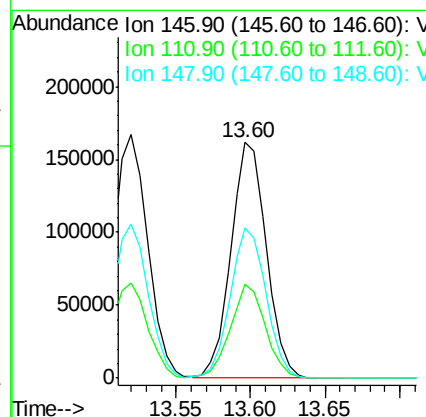
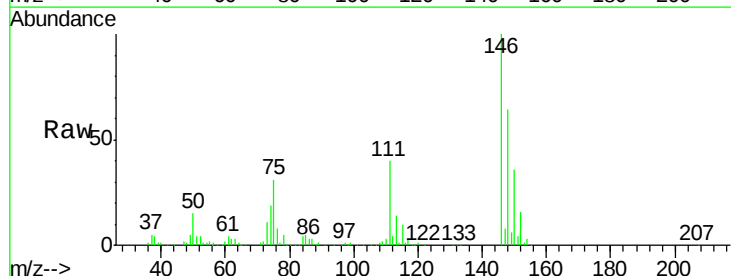
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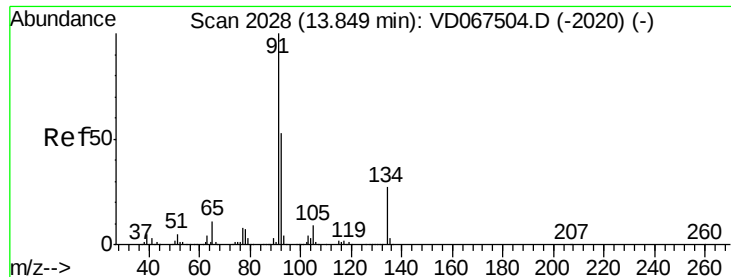
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 11/20/2020 10:06:21 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.385 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.2	31.8	95.4





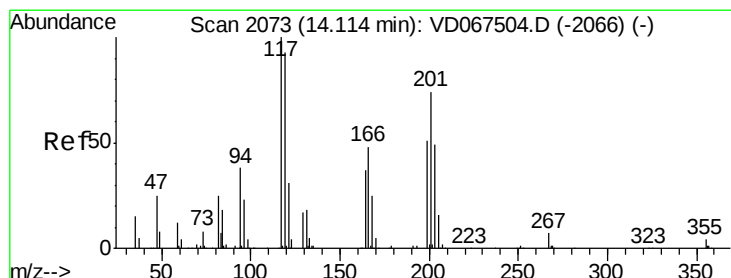
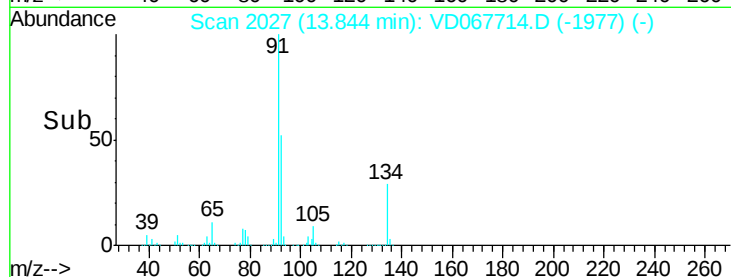
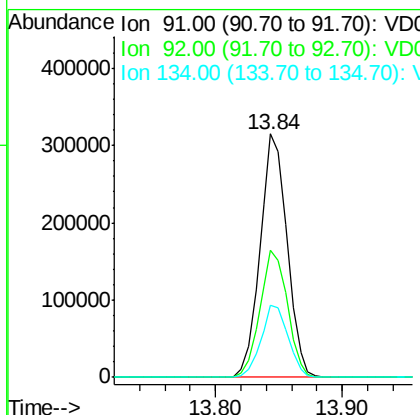
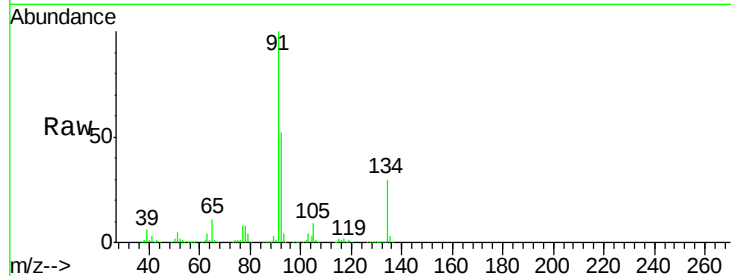
#89
n-Butylbenzene
Concen: 50.140 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		468426		
92	53.2	26.6	79.8		
134	29.7	14.1	42.2		

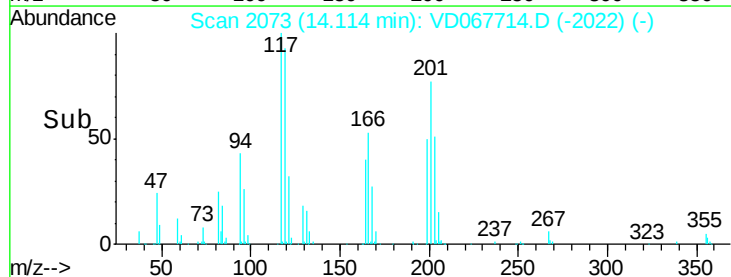
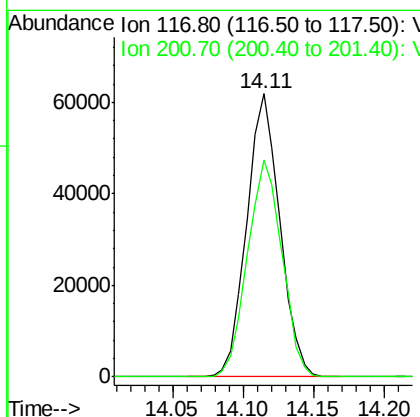
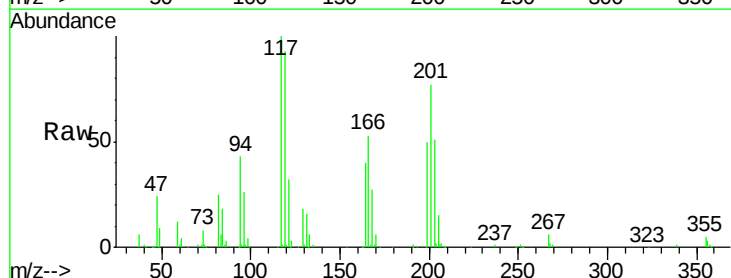
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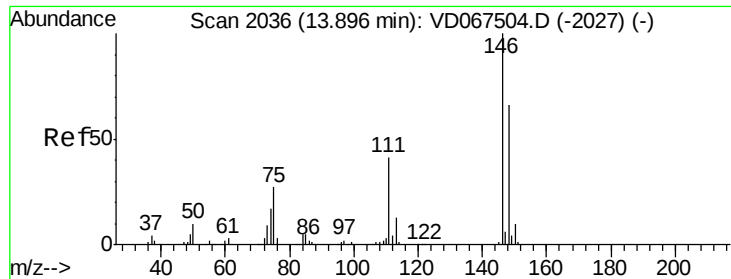
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#90
Hexachloroethane
Concen: 50.112 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		102069		
201	79.8	40.7	122.1		





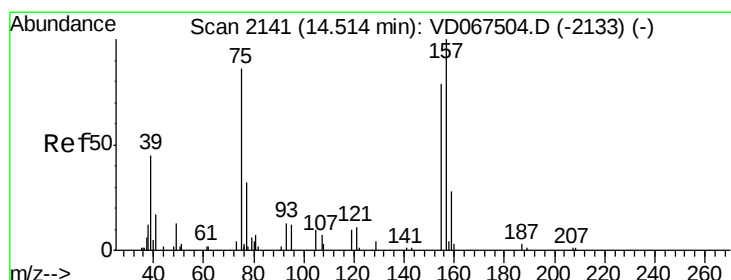
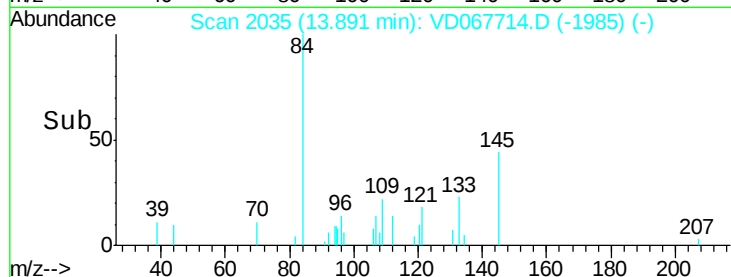
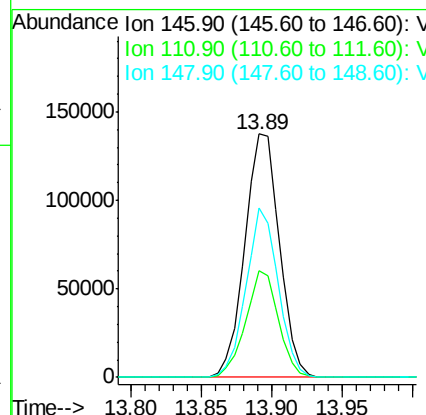
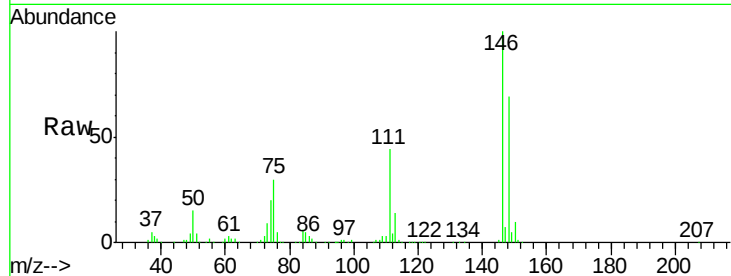
#91
1,2-Dichlorobenzene
Concen: 50.817 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	64.9	31.5	94.5

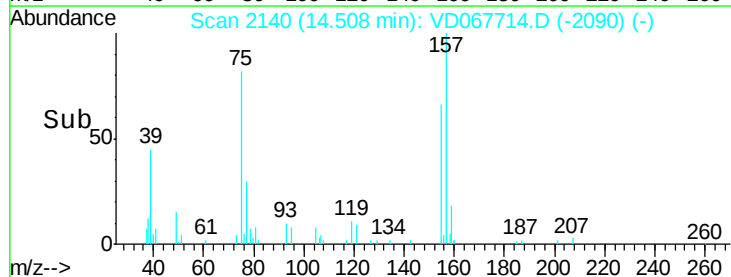
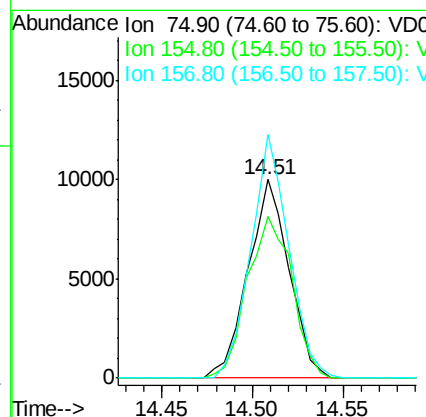
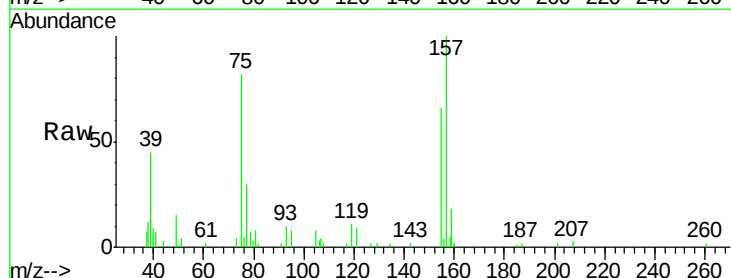
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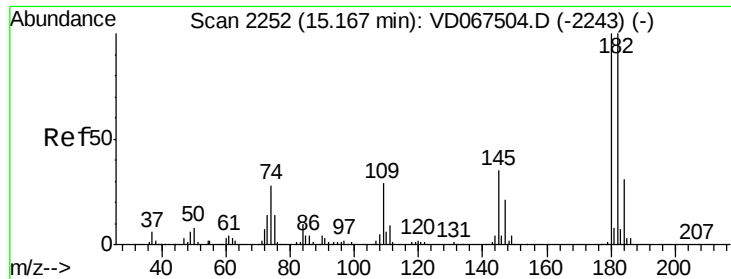
MMDadoda
11/20/2020 10:06:21 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.787 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	46.6	139.8
157	113.8	58.1	174.2





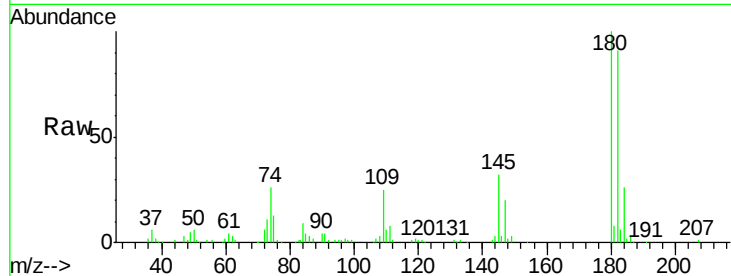
#93
 1,2,4-Trichlorobenzene
 Concen: 54.008 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

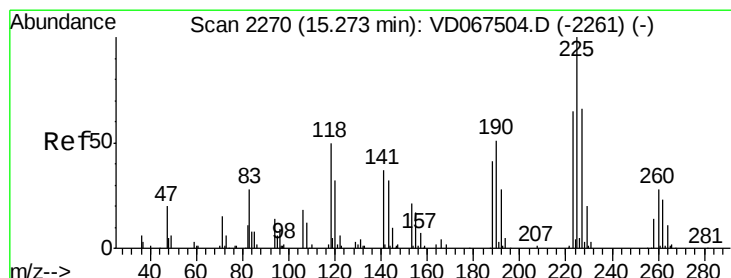
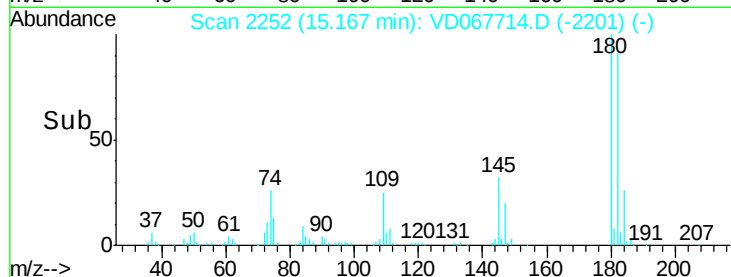
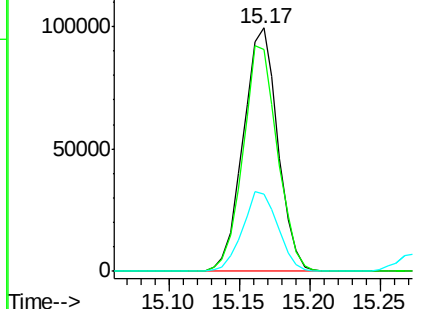
Tot Ion	Ratio	Resp	Lower	Upper
180	100	170375		
182	92.6	47.4	142.3	
145	33.6	16.2	48.6	

Manual Integrations
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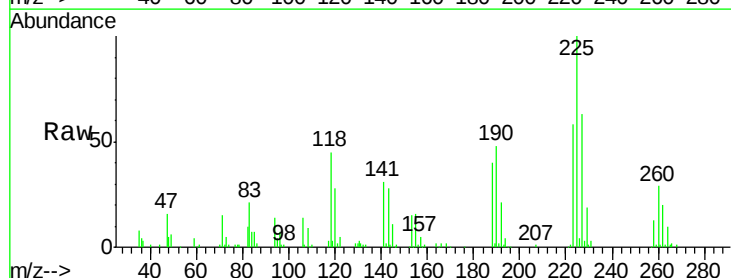


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

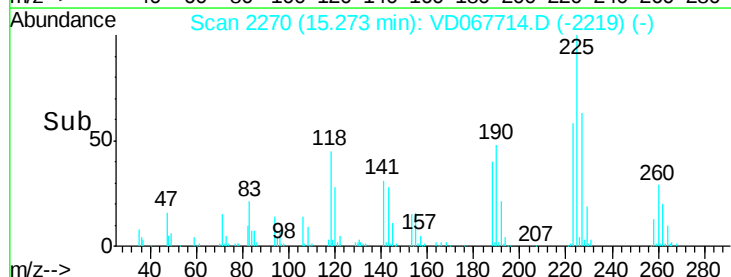
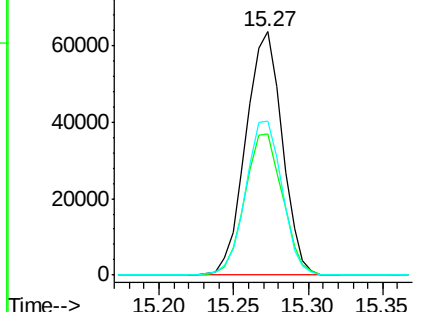


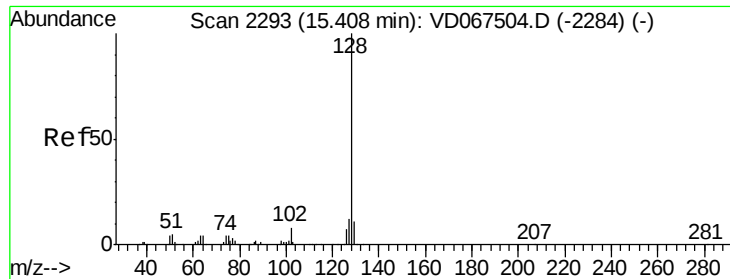
#94
 Hexachlorobutadiene
 Concen: 50.903 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107471		
223	60.0	31.9	95.5	
227	63.3	32.5	97.4	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 57.408 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

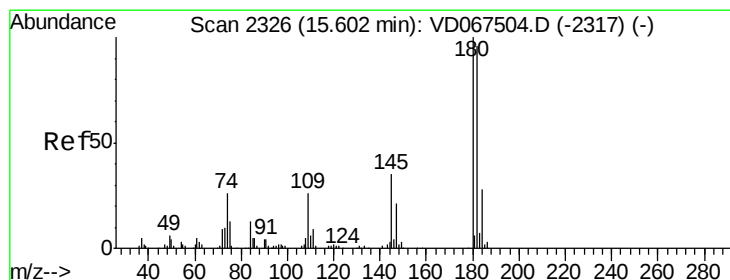
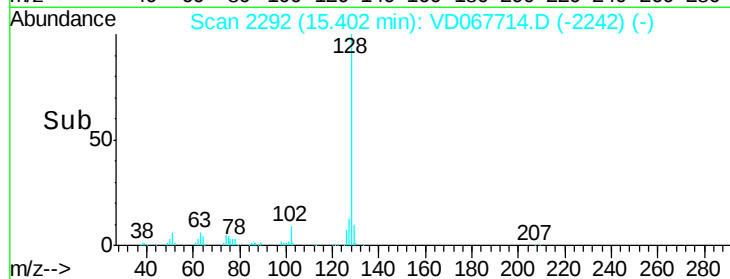
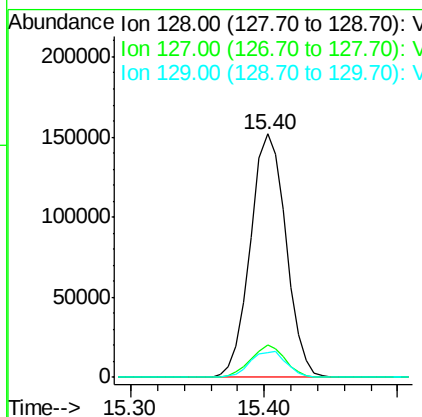
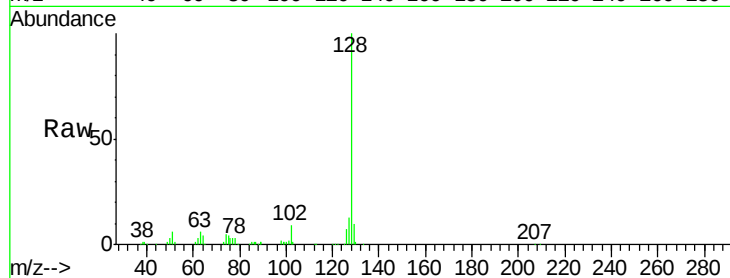
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	279479
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3

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#96

1,2,3-Trichlorobenzene

Concen: 53.593 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion:	180	Resp:	144775
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.9	140.8
145	33.9	17.1	51.2

