

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067876.D
 Acq On : 04 Dec 2020 10:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 23:48:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	221049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	311943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	288786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110243	46.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.92%
35) Dibromofluoromethane	7.92	113	100803	48.29	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.58%
50) Toluene-d8	10.34	98	372829	49.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.24%
62) 4-Bromofluorobenzene	12.64	95	130313	50.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	103093	53.590	ug/l	99
3) Chloromethane	2.21	50	50814	45.770	ug/l	95
4) Vinyl Chloride	2.36	62	70427	50.368	ug/l	98
5) Bromomethane	2.77	94	77630	62.193	ug/l	100
6) Chloroethane	2.93	64	47572	52.256	ug/l	100
7) Trichlorofluoromethane	3.28	101	214724	50.185	ug/l	96
8) Diethyl Ether	3.71	74	38608	46.296	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	95721	49.061	ug/l	97
10) Methyl Iodide	4.31	142	93340	45.135	ug/l	99
11) Tert butyl alcohol	5.20	59	25895	200.980	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	91095	49.732	ug/l	96
13) Acrolein	3.93	56	19365	212.352	ug/l	97
14) Allyl chloride	4.72	41	84668	49.966	ug/l	96
15) Acrylonitrile	5.43	53	67017	231.764	ug/l	97
16) Acetone	4.16	43	71013	242.170	ug/l	93
17) Carbon Disulfide	4.41	76	248438	48.579	ug/l	99
18) Methyl Acetate	4.72	43	26028	47.256	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	194259	49.527	ug/l	95
20) Methylene Chloride	4.97	84	98899	52.251	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	103122	49.474	ug/l	97
22) Diisopropyl ether	6.37	45	167040	49.012	ug/l	96
23) Vinyl Acetate	6.31	43	480234	253.287	ug/l	98
24) 1,1-Dichloroethane	6.27	63	149701	50.108	ug/l	99
25) 2-Butanone	7.21	43	72087	233.724	ug/l	94
26) 2,2-Dichloropropane	7.21	77	184811	51.876	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	113372	49.728	ug/l	96
28) Bromochloromethane	7.55	49	45365	47.826	ug/l	99
29) Tetrahydrofuran	7.56	42	40275	229.338	ug/l	95
30) Chloroform	7.71	83	196530	49.224	ug/l	96
31) Cyclohexane	7.98	56	114625	45.847	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	210264	49.890	ug/l	99
36) 1,1-Dichloropropene	8.11	75	136357	50.494	ug/l	99
37) Ethyl Acetate	7.30	43	33553	46.101	ug/l #	82
38) Carbon Tetrachloride	8.10	117	212354	51.972	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067876.D
 Acq On : 04 Dec 2020 10:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 23:48:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	157296	49.152	ug/l	98
40) Benzene	8.35	78	372393	50.397	ug/l	100
41) Methacrylonitrile	7.52	41	16723	48.226	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	130103	49.402	ug/l	98
43) Isopropyl Acetate	8.46	43	66316	46.308	ug/l #	59
44) Trichloroethene	9.11	130	126988	49.985	ug/l	99
45) 1,2-Dichloropropane	9.40	63	73280	48.319	ug/l	97
46) Dibromomethane	9.48	93	51452	48.795	ug/l	98
47) Bromodichloromethane	9.67	83	150411	50.035	ug/l	95
48) Methyl methacrylate	9.46	41	33137	45.569	ug/l	97
49) 1,4-Dioxane	9.46	88	9893	821.080	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	157524	232.412	ug/l	98
52) Toluene	10.41	92	259805	50.289	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	129347	49.852	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	142918	50.640	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	66958	46.401	ug/l	95
56) Ethyl methacrylate	10.66	69	68463	46.630	ug/l	97
57) 1,3-Dichloropropane	10.95	76	107038	46.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	172934	258.849	ug/l	98
59) 2-Hexanone	10.99	43	119378	249.851	ug/l	96
60) Dibromochloromethane	11.14	129	106499	48.959	ug/l	100
61) 1,2-Dibromoethane	11.25	107	65921	46.454	ug/l	99
64) Tetrachloroethene	10.88	164	107628	45.691	ug/l	95
65) Chlorobenzene	11.67	112	293626	49.276	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	119607	49.213	ug/l	96
67) Ethyl Benzene	11.75	91	506288	49.877	ug/l	99
68) m/p-Xylenes	11.86	106	390098	97.463	ug/l	98
69) o-Xylene	12.18	106	184995	52.062	ug/l	98
70) Styrene	12.20	104	315293	51.029	ug/l	99
71) Bromoform	12.37	173	62288	48.417	ug/l #	99
73) Isopropylbenzene	12.48	105	518433	51.338	ug/l	97
74) N-amyl acetate	12.29	43	59097	47.310	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	58829	44.125	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	91183	85.269	ug/l	31
77) Bromobenzene	12.77	156	124807	49.713	ug/l	96
78) n-propylbenzene	12.83	91	559199	49.962	ug/l	100
79) 2-Chlorotoluene	12.91	91	324370	49.262	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	441358	50.480	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19009	42.522	ug/l	92
82) 4-Chlorotoluene	13.01	91	354630	50.489	ug/l	98
83) tert-Butylbenzene	13.23	119	381224	51.238	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	432717	49.770	ug/l	99
85) sec-Butylbenzene	13.41	105	483154	48.654	ug/l	100
86) p-Isopropyltoluene	13.52	119	474067	48.710	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	230852	47.669	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	233782	48.253	ug/l	99
89) n-Butylbenzene	13.85	91	390473	48.292	ug/l	98
90) Hexachloroethane	14.11	117	85703	47.697	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	201658	48.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12341	44.353	ug/l	93

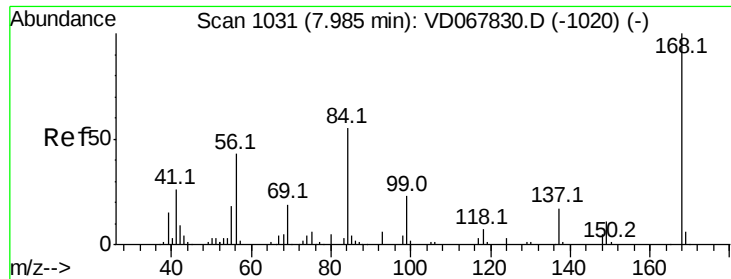
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120420\
Data File : VD067876.D
Acq On : 04 Dec 2020 10:18
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Dec 04 23:48:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	142520	48.509	ug/l	98
94) Hexachlorobutadiene	15.27	225	89760	46.820	ug/l	96
95) Naphthalene	15.40	128	226919	47.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	123163	48.542	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

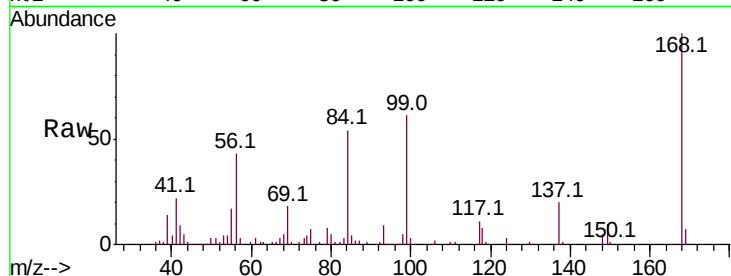
VSTDCCC050

Tot Ion:168 Resp: 221049

Ion Ratio Lower Upper

168 100

99 60.6 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

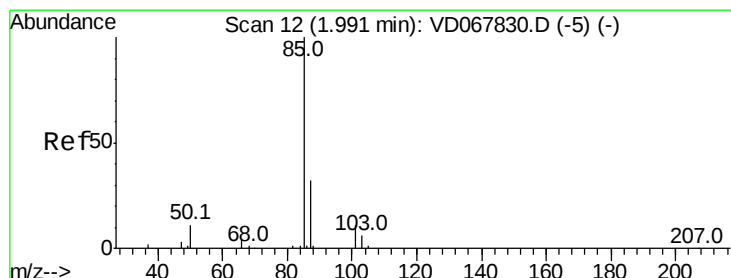
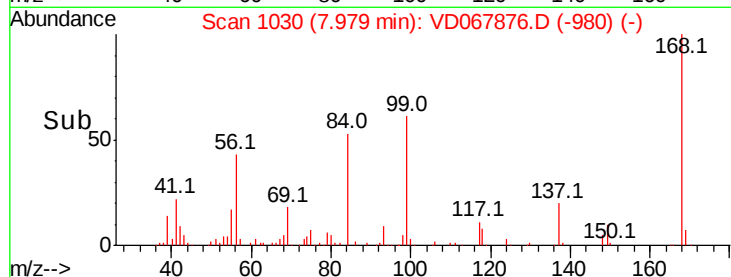
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.590 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067876.D

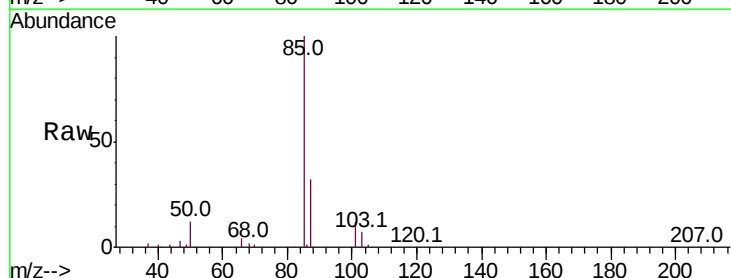
Acq: 04 Dec 2020 10:18

Tgt Ion: 85 Resp: 103093

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

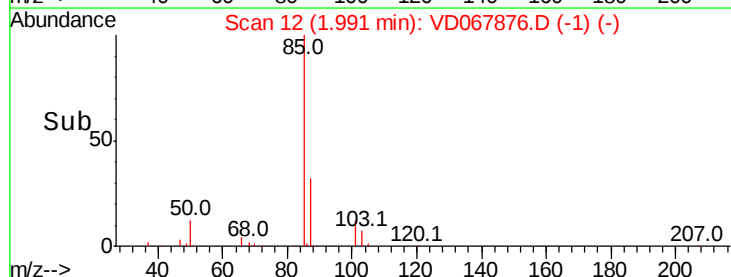
40000

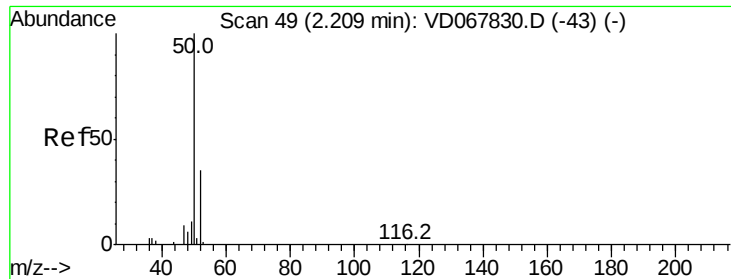
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 45.770 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

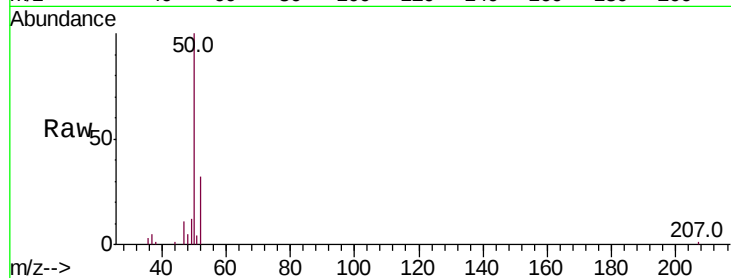
VSTDCCC050

Tot Ion: 50 Resp: 50814

Ion Ratio Lower Upper

50 100

52 32.0 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

40000

30000

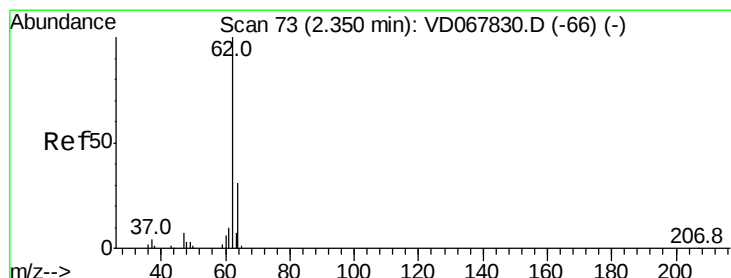
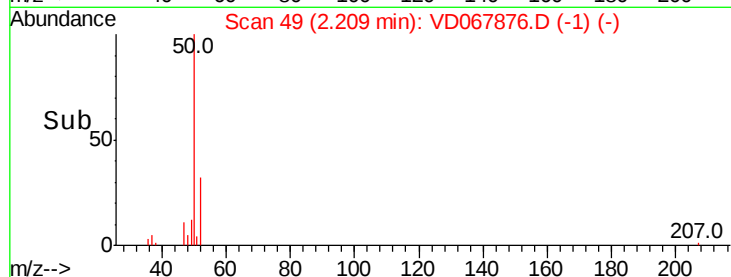
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 50.368 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067876.D

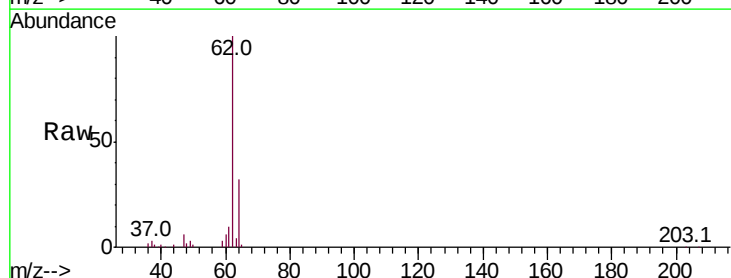
Acq: 04 Dec 2020 10:18

Tgt Ion: 62 Resp: 70427

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.36

50000

40000

30000

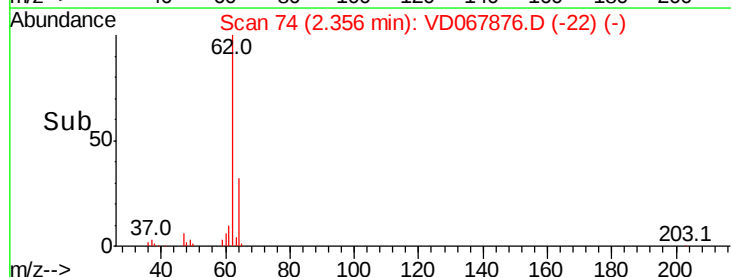
20000

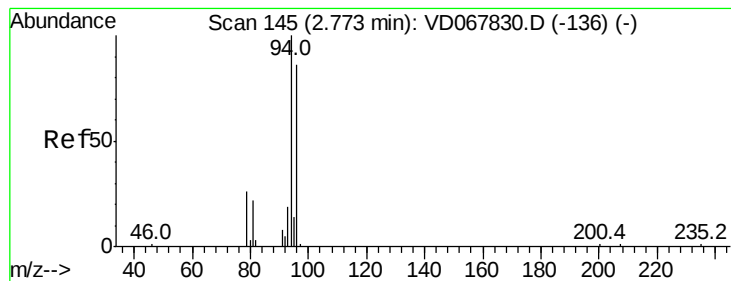
10000

0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 62.193 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

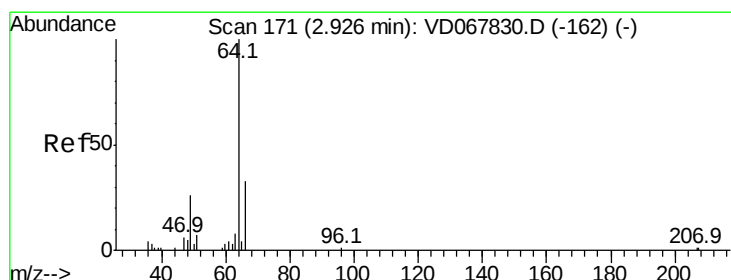
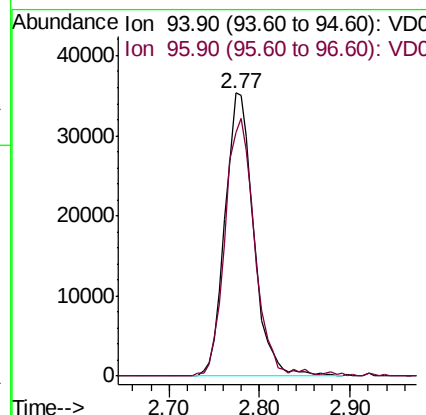
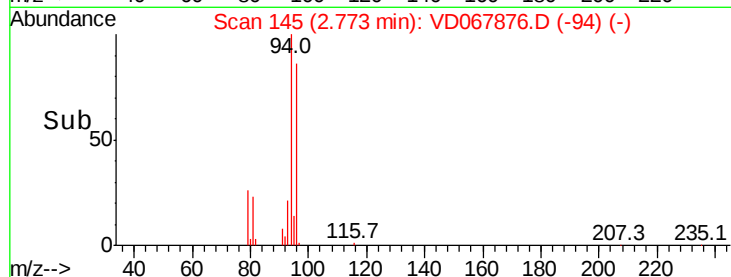
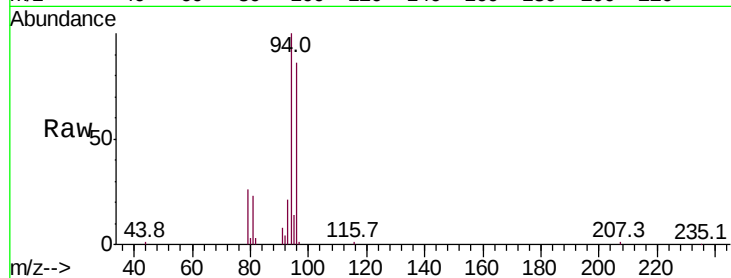
VSTDCCC050

Tot Ion: 94 Resp: 77630

Ion Ratio Lower Upper

94 100

96 86.2 68.7 103.1



#6

Chloroethane

Concen: 52.256 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD067876.D

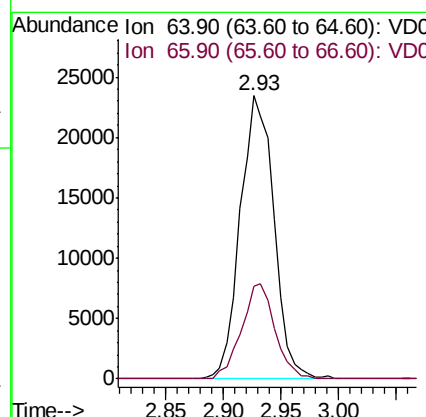
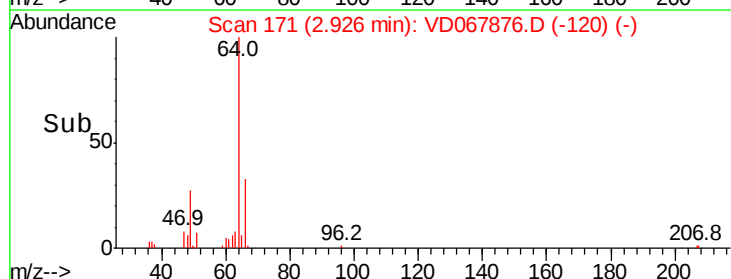
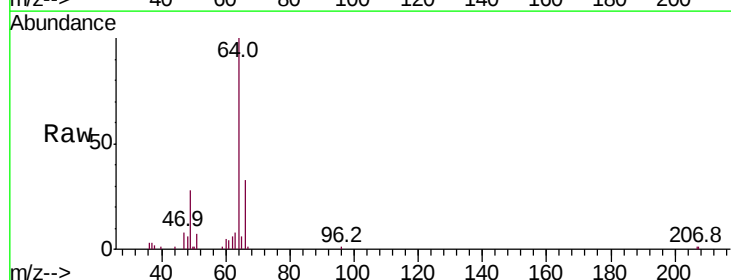
Acq: 04 Dec 2020 10:18

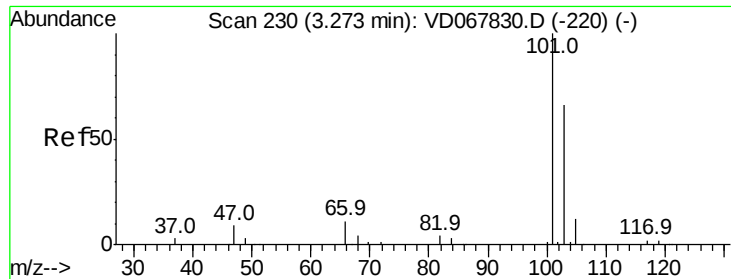
Tgt Ion: 64 Resp: 47572

Ion Ratio Lower Upper

64 100

66 32.5 26.1 39.1



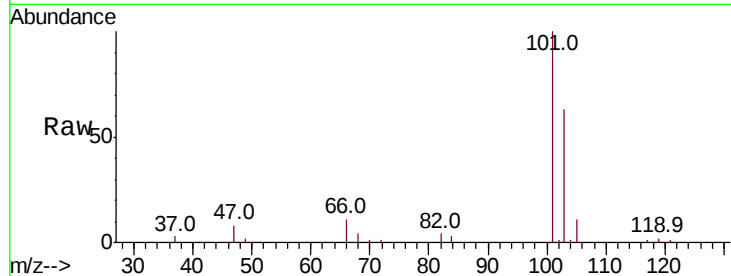


#7

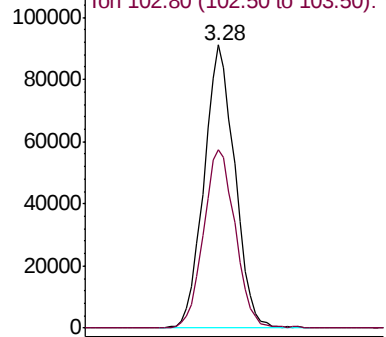
Trichlorofluoromethane
 Concen: 50.185 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

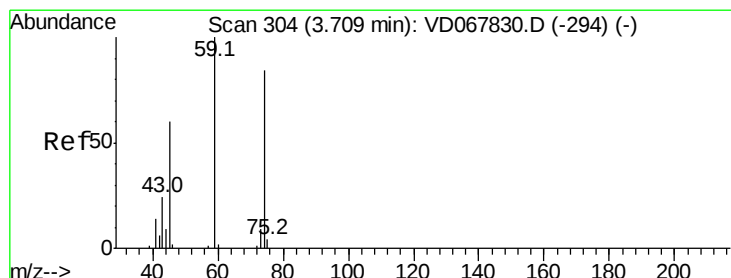
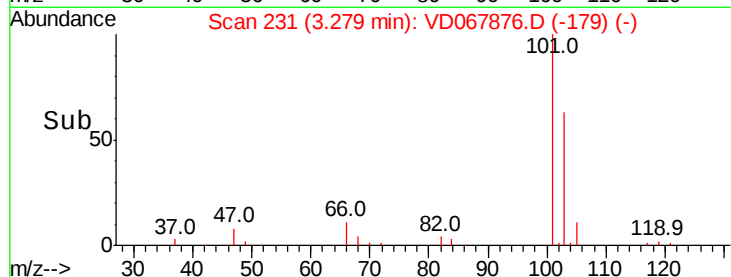
Tot Ion:101 Resp: 214724
 Ion Ratio Lower Upper
 101 100
 103 62.8 53.0 79.6



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



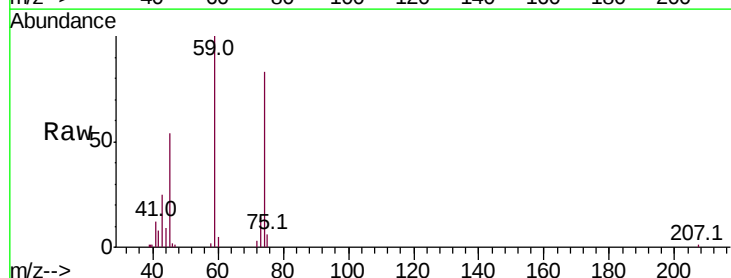
Time-->



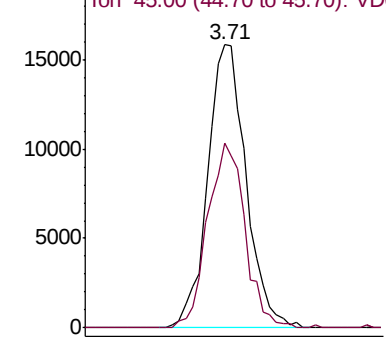
#8

Diethyl Ether
 Concen: 46.296 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

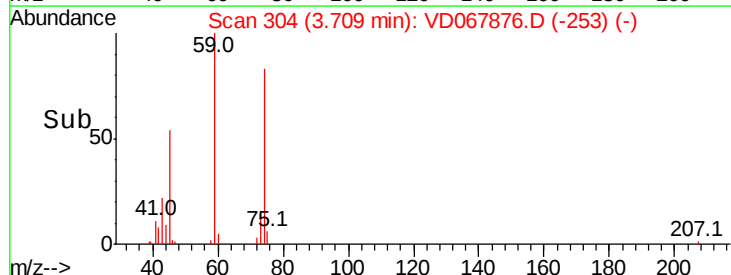
Tgt Ion: 74 Resp: 38608
 Ion Ratio Lower Upper
 74 100
 45 63.6 33.9 101.7

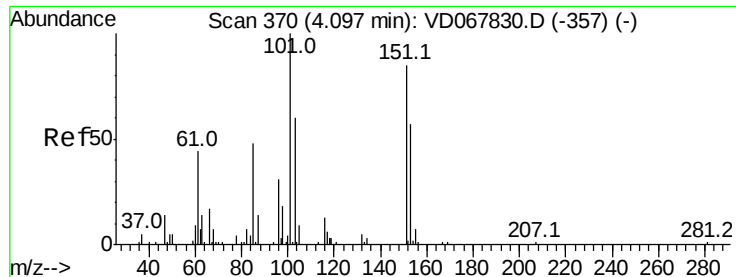


Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.061 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

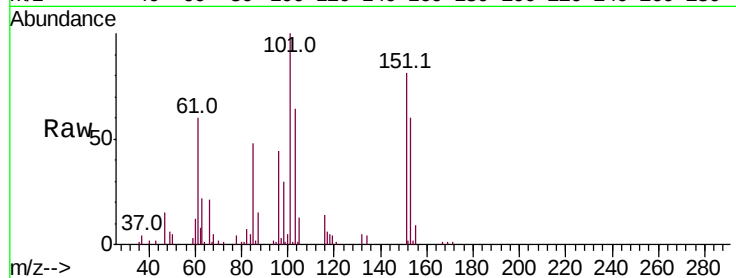
Tot Ion:101 Resp: 95721

Ion Ratio Lower Upper

101 100

85 47.0 36.2 54.4

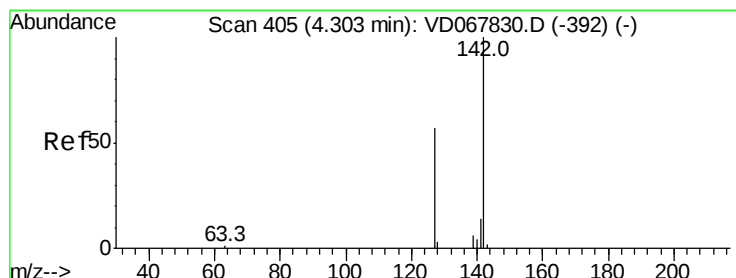
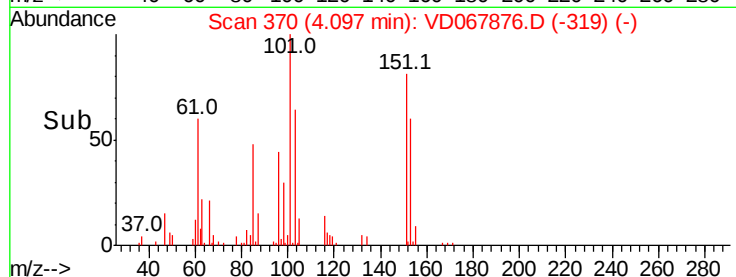
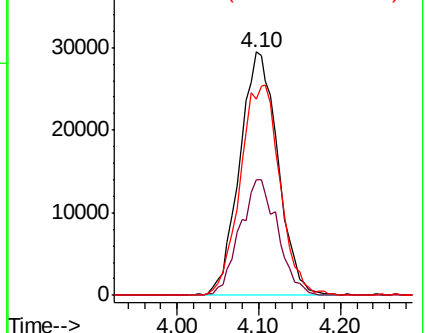
151 89.9 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.135 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

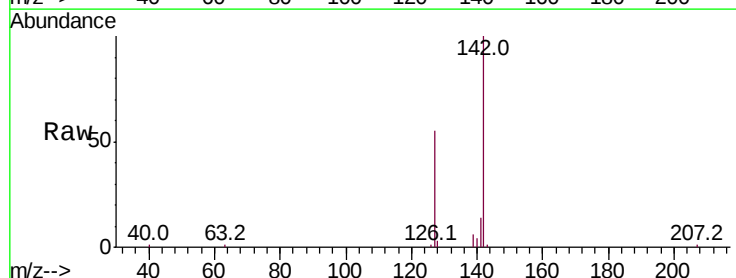
Tgt Ion:142 Resp: 93340

Ion Ratio Lower Upper

142 100

127 54.5 43.9 65.9

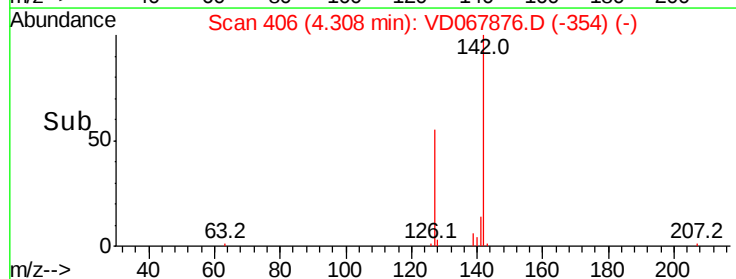
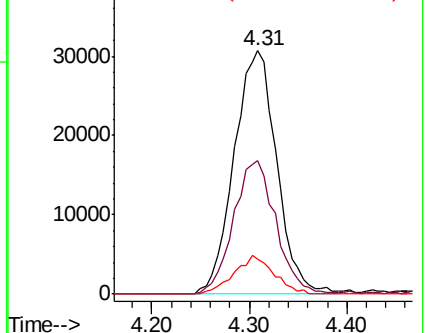
141 14.8 12.2 18.2

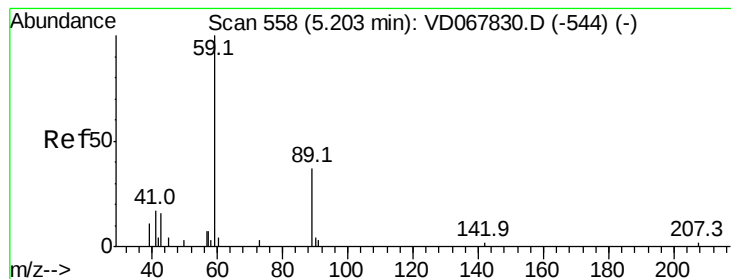


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



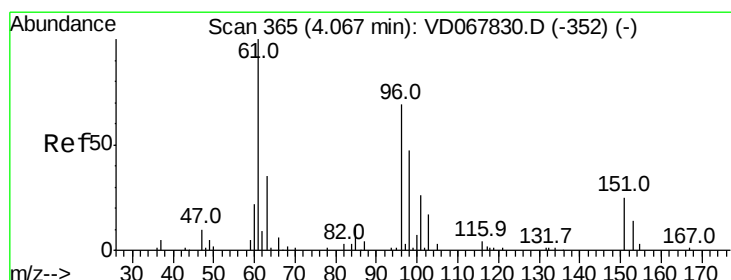
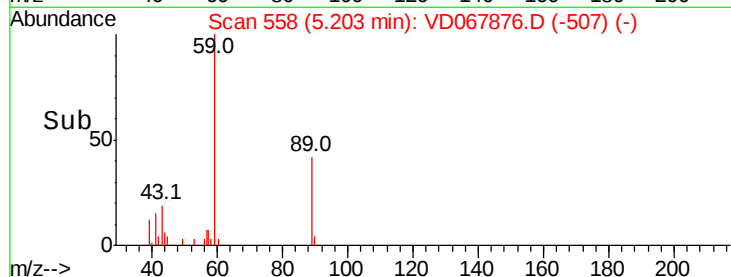
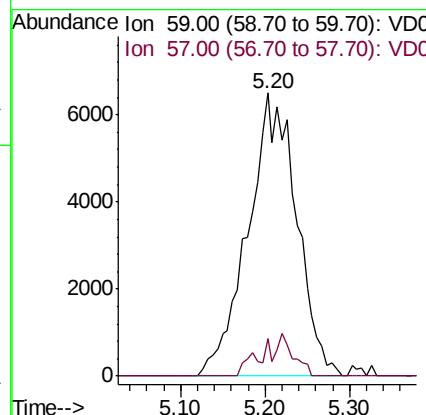
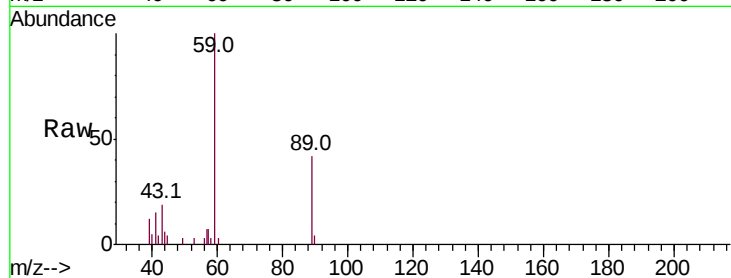


#11

Tert butyl alcohol
 Concen: 200.980 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

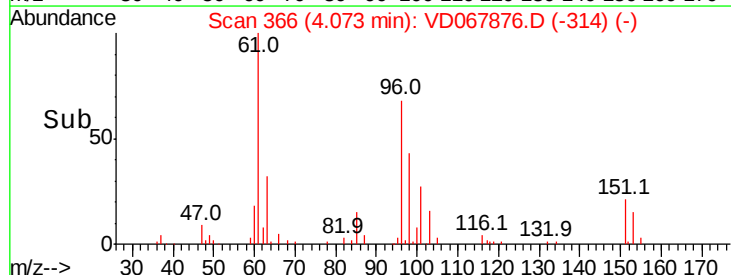
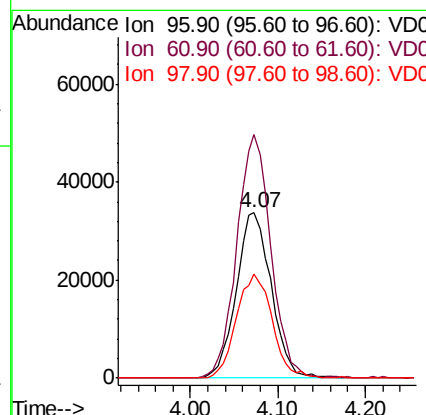
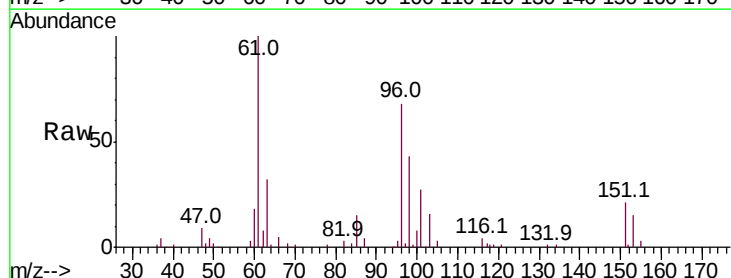
Tot Ion: 59 Resp: 25895
 Ion Ratio Lower Upper
 59 100
 57 2.6 7.7 11.5#

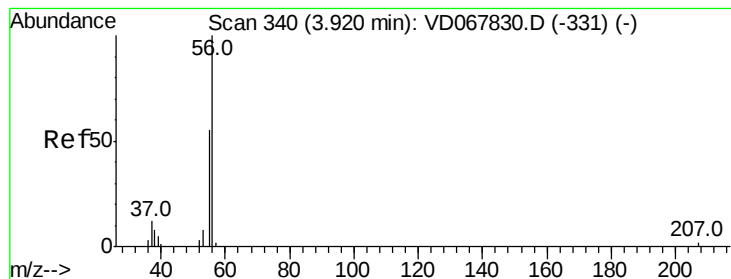


#12

1,1-Dichloroethene
 Concen: 49.732 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion: 96 Resp: 91095
 Ion Ratio Lower Upper
 96 100
 61 147.6 116.1 174.1
 98 62.7 54.6 82.0





#13

Acrolein

Concen: 212.352 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

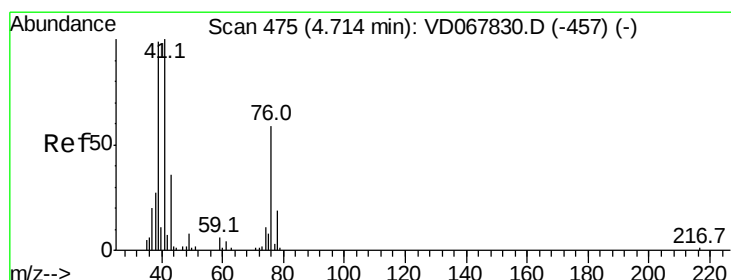
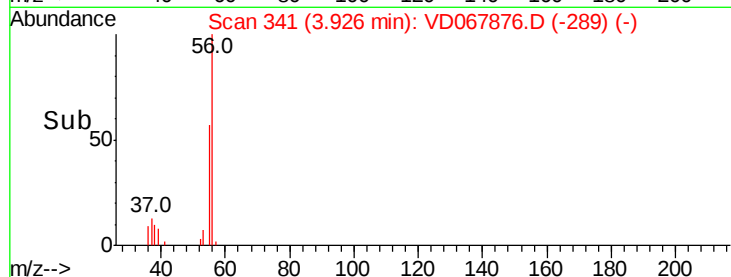
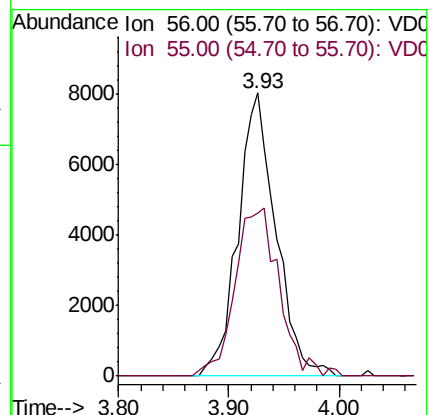
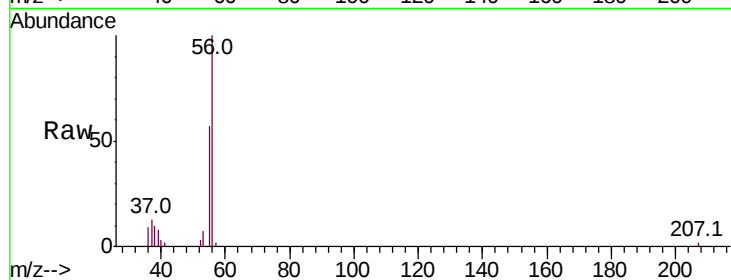
VSTDCCC050

Tot Ion: 56 Resp: 19365

Ion Ratio Lower Upper

56 100

55 68.5 56.5 84.7



#14

Allyl chloride

Concen: 49.966 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

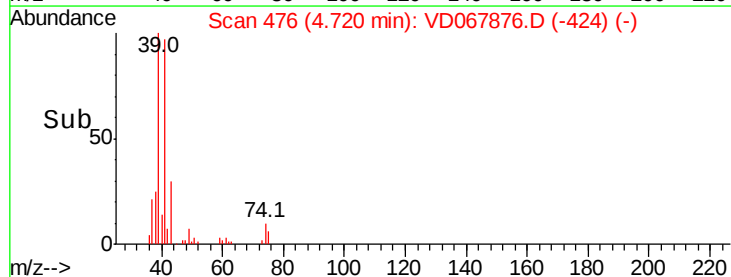
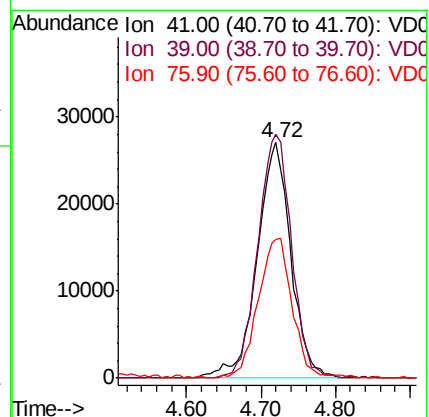
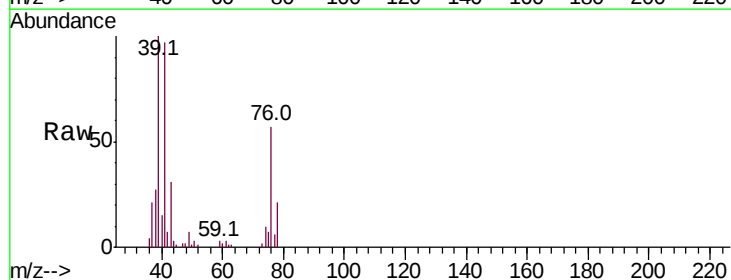
Tgt Ion: 41 Resp: 84668

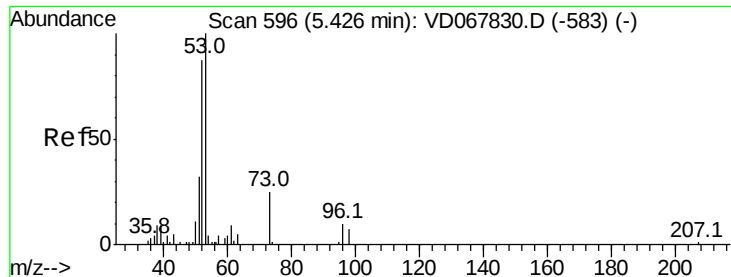
Ion Ratio Lower Upper

41 100

39 103.4 79.0 118.6

76 60.2 46.6 70.0





#15

Acrylonitrile

Concen: 231.764 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

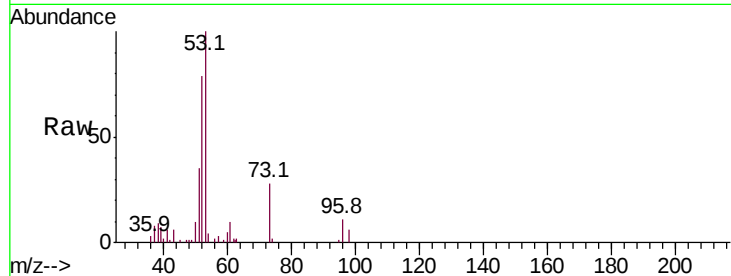
Tot Ion: 53 Resp: 67017

Ion Ratio Lower Upper

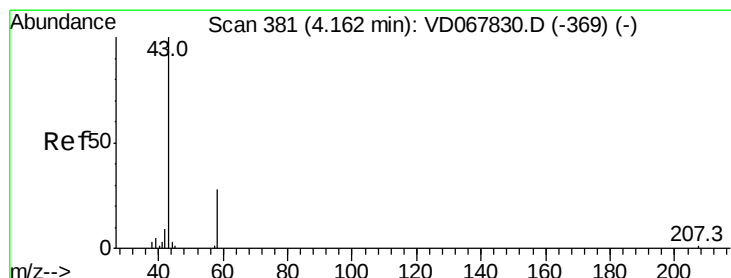
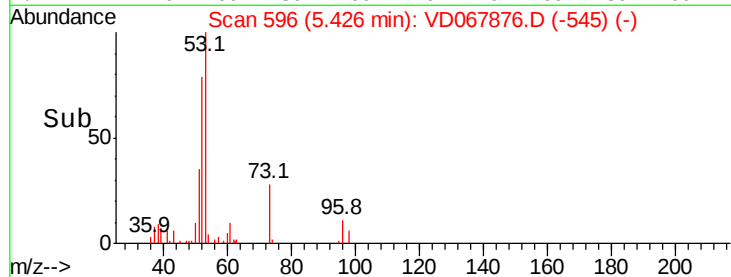
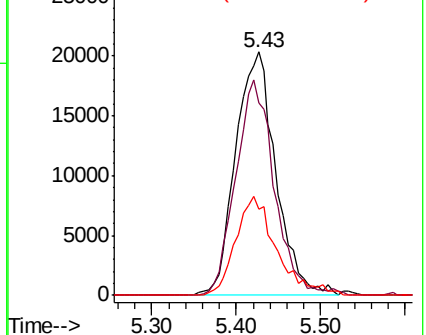
53 100

52 84.7 66.2 99.2

51 41.3 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 242.170 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD067876.D

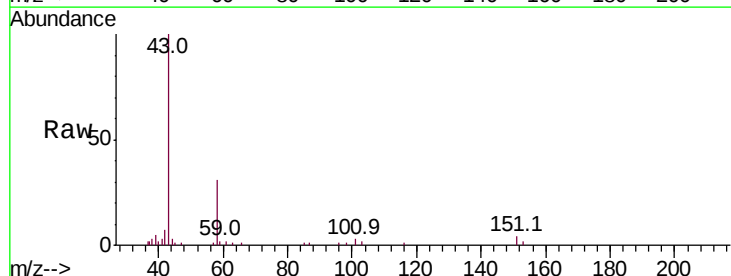
Acq: 04 Dec 2020 10:18

Tgt Ion: 43 Resp: 71013

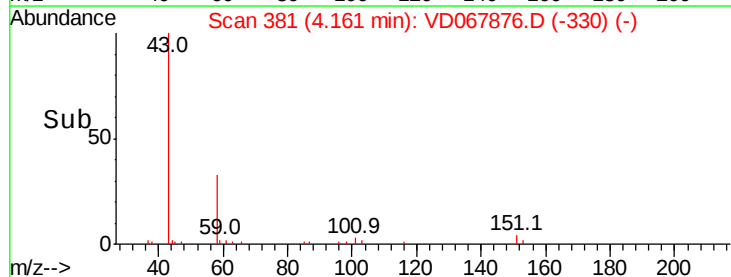
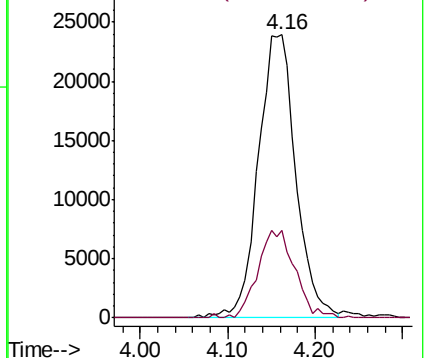
Ion Ratio Lower Upper

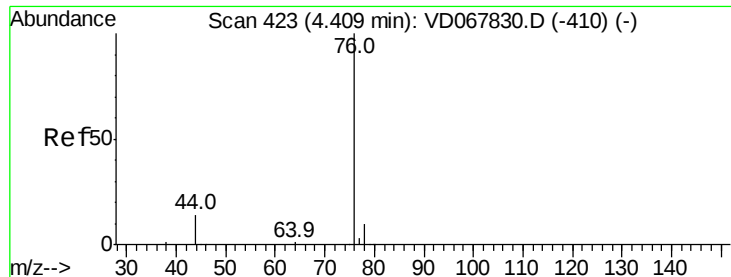
43 100

58 31.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

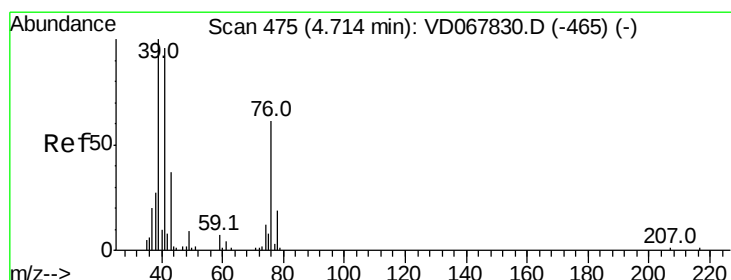
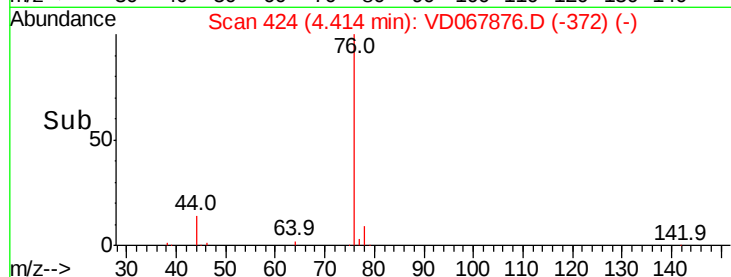
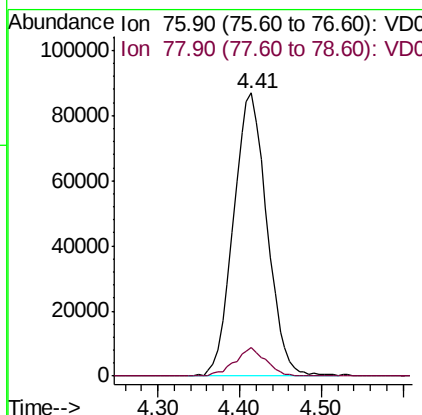
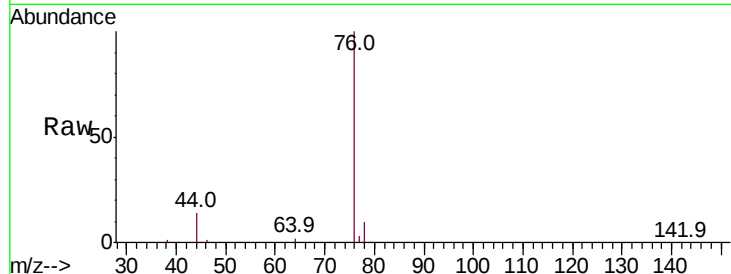




#17
Carbon Disulfide
Concen: 48.579 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

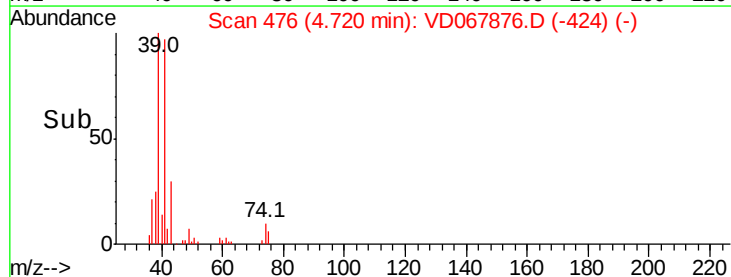
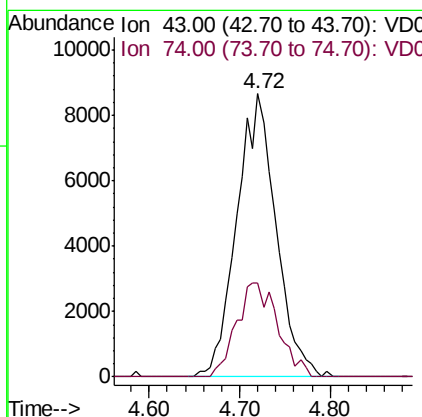
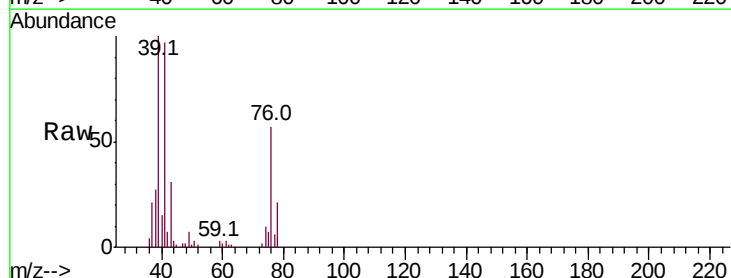
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

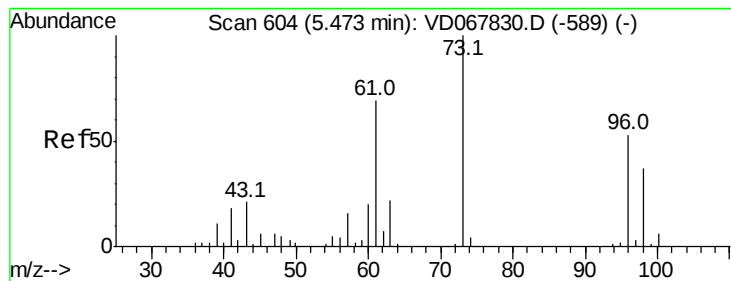
Tot Ion: 76 Resp: 248438
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.6



#18
Methyl Acetate
Concen: 47.256 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion: 43 Resp: 26028
Ion Ratio Lower Upper
43 100
74 34.9 27.0 40.4



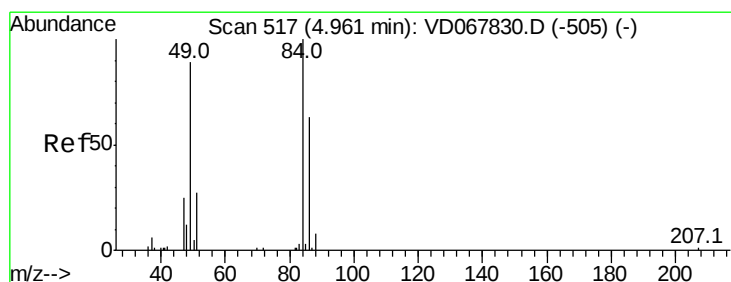
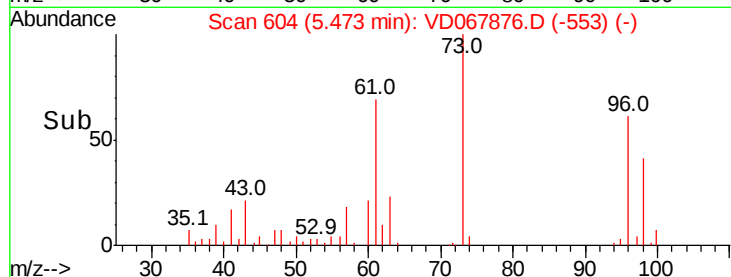
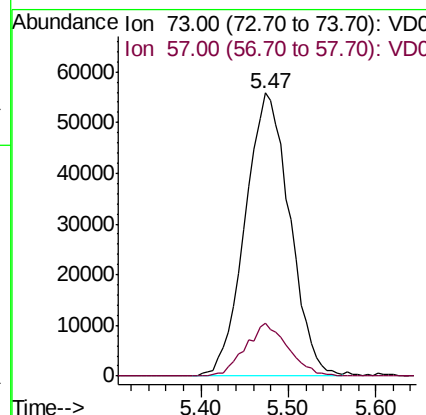
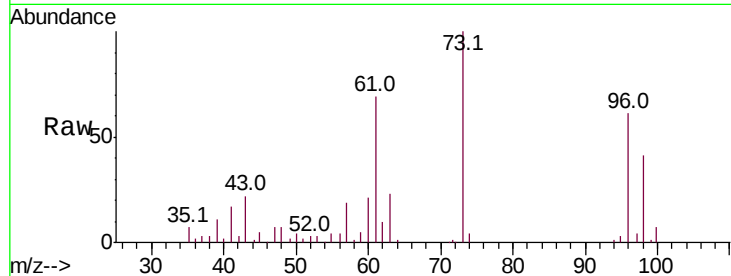


#19

Methyl tert-butyl Ether
 Concen: 49.527 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

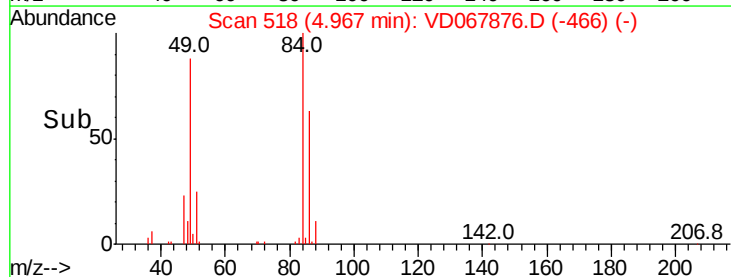
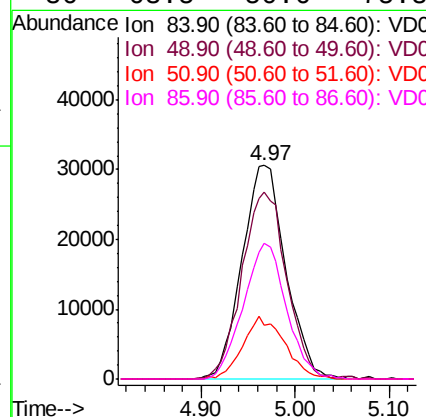
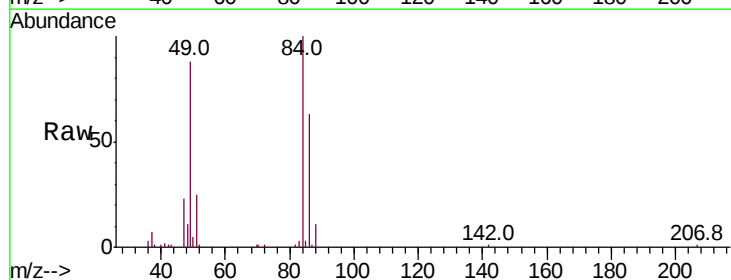
Tot Ion: 73 Resp: 194259
 Ion Ratio Lower Upper
 73 100
 57 18.7 13.2 19.8

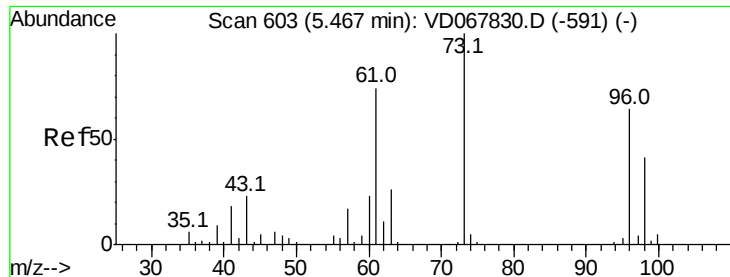


#20

Methylene Chloride
 Concen: 52.251 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion: 84 Resp: 98899
 Ion Ratio Lower Upper
 84 100
 49 87.7 71.4 107.0
 51 25.4 21.8 32.8
 86 63.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.474 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

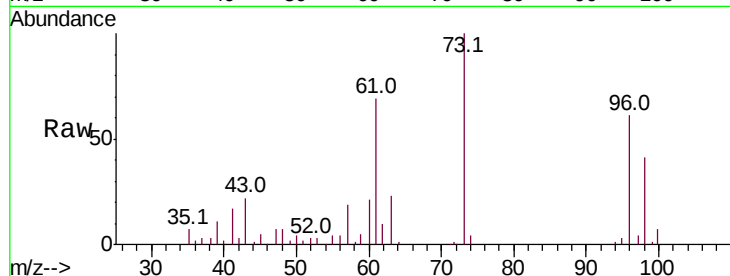
Tot Ion: 96 Resp: 103122

Ion Ratio Lower Upper

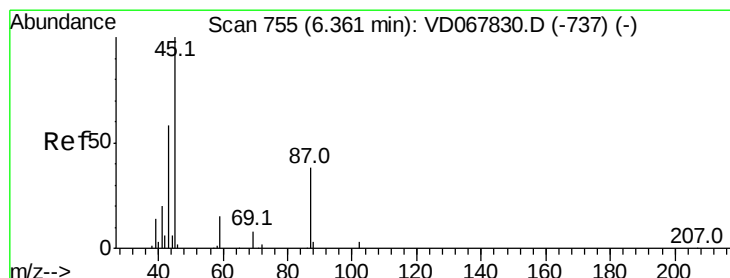
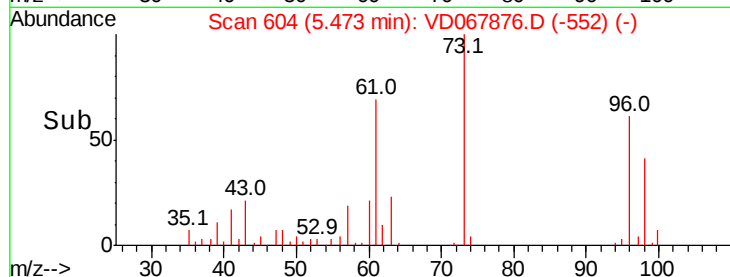
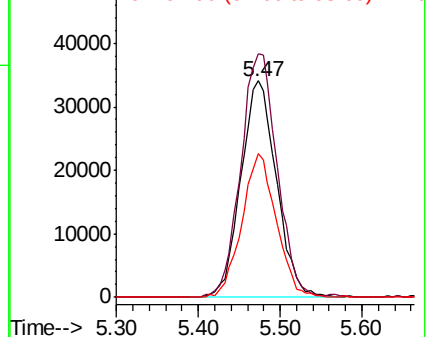
96 100

61 112.6 93.1 139.7

98 66.7 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 49.012 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Tgt Ion: 45 Resp: 167040

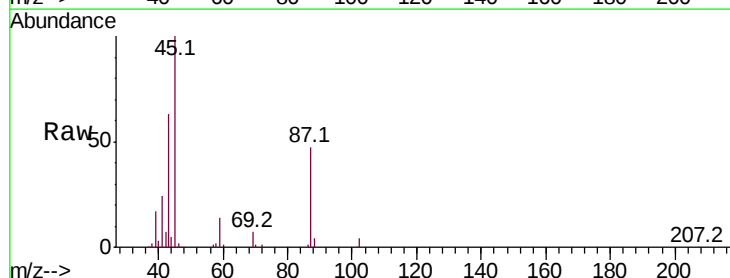
Ion Ratio Lower Upper

45 100

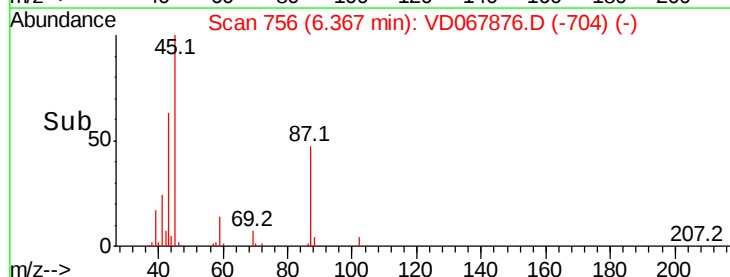
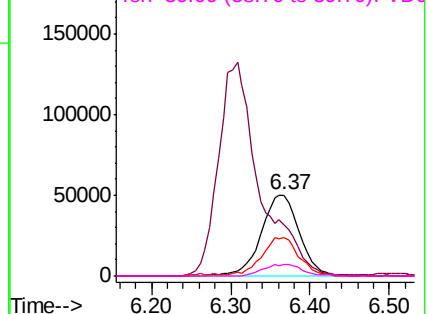
43 61.9 49.8 74.6

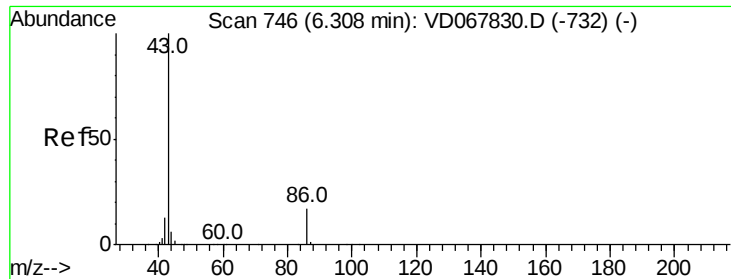
87 47.1 32.1 48.1

59 13.6 11.9 17.9



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

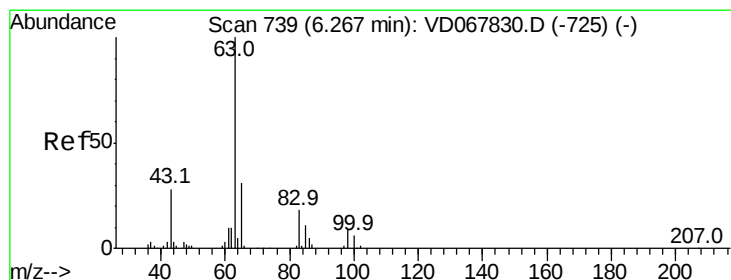
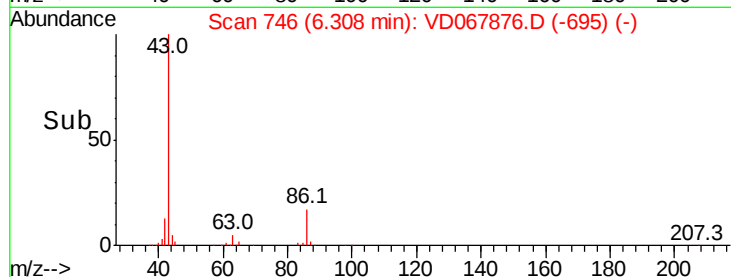
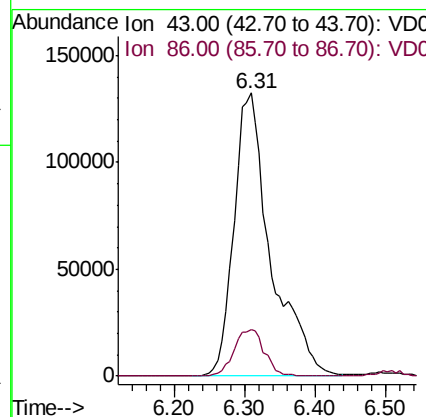
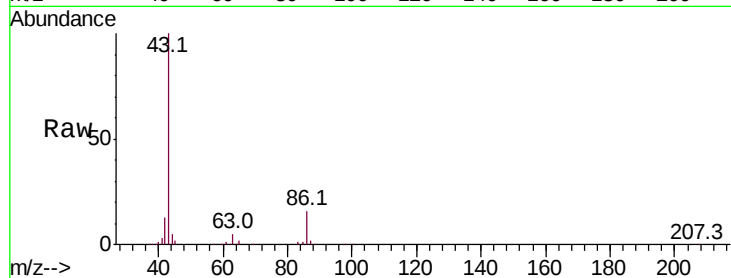




#23
 Vinyl Acetate
 Concen: 253.287 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

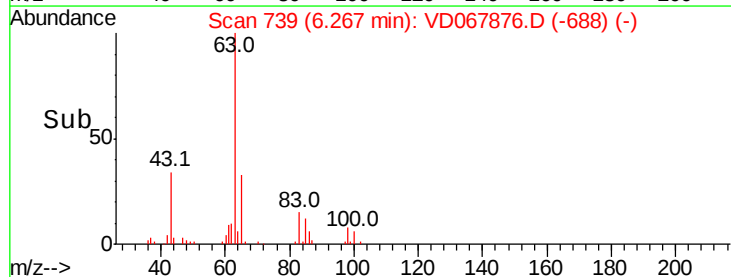
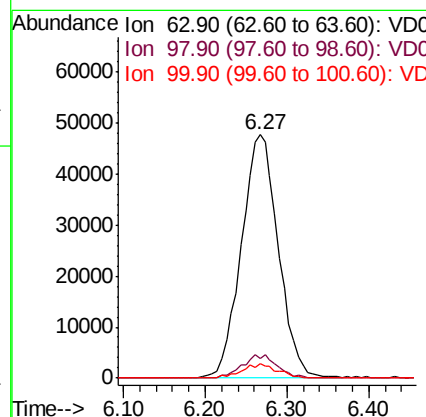
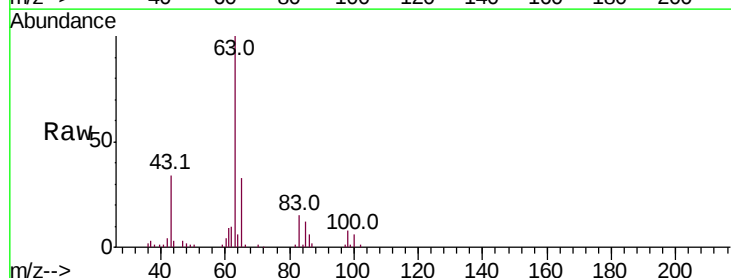
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

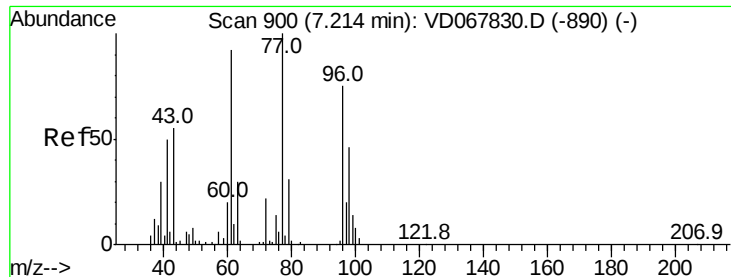
Tot Ion: 43 Resp: 480234
 Ion Ratio Lower Upper
 43 100
 86 16.5 13.8 20.6



#24
 1,1-Dichloroethane
 Concen: 50.108 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion: 63 Resp: 149701
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.5
 100 6.2 3.0 9.2





#25

2-Butanone

Concen: 233.724 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

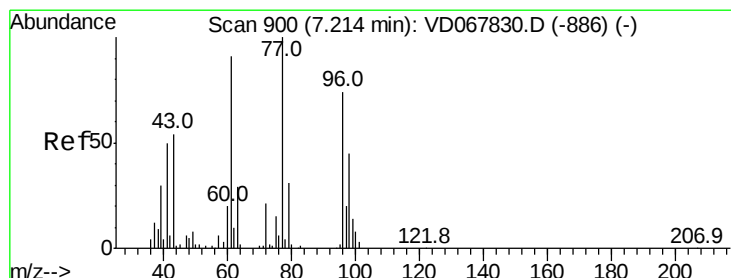
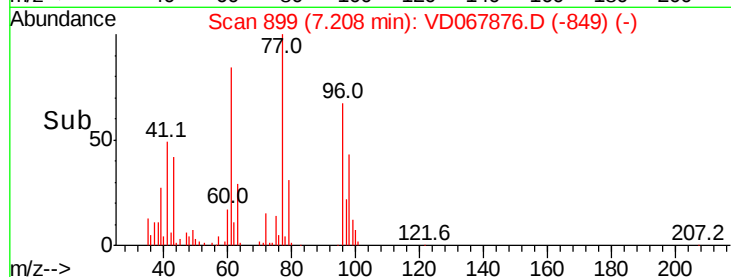
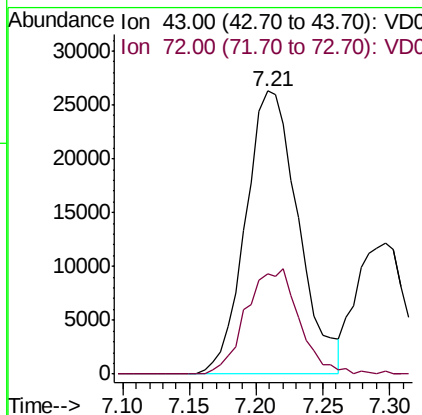
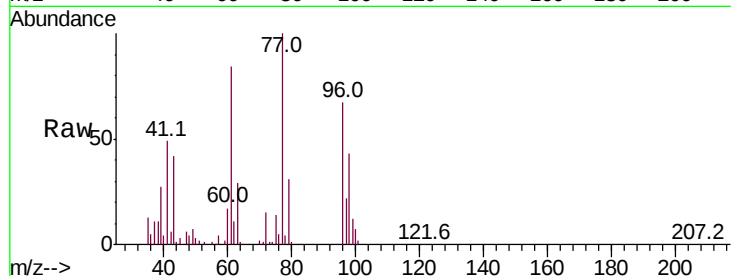
VSTDCCC050

Tot Ion: 43 Resp: 72087

Ion Ratio Lower Upper

43 100

72 35.7 31.3 46.9



#26

2,2-Dichloropropane

Concen: 51.876 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067876.D

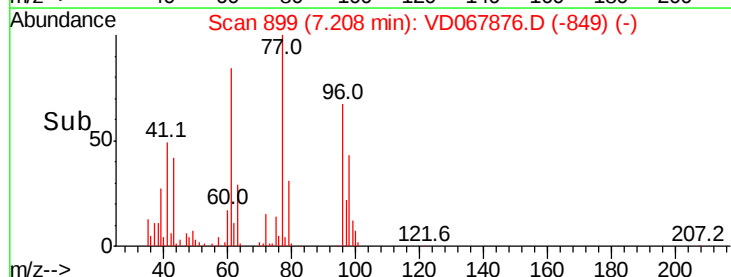
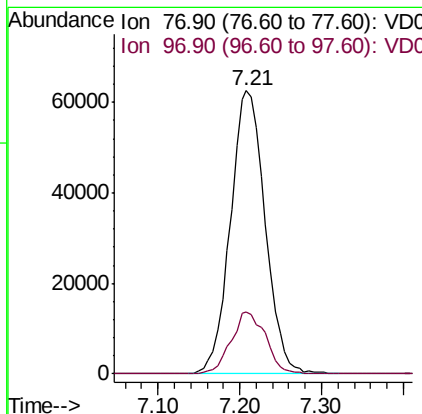
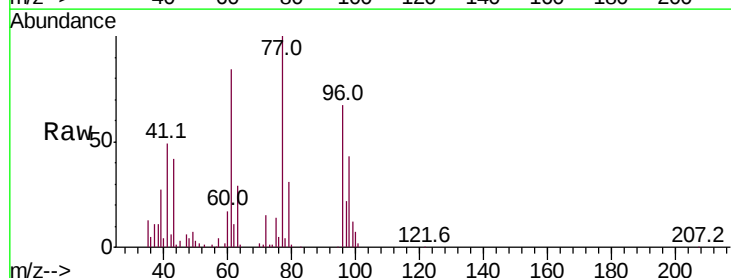
Acq: 04 Dec 2020 10:18

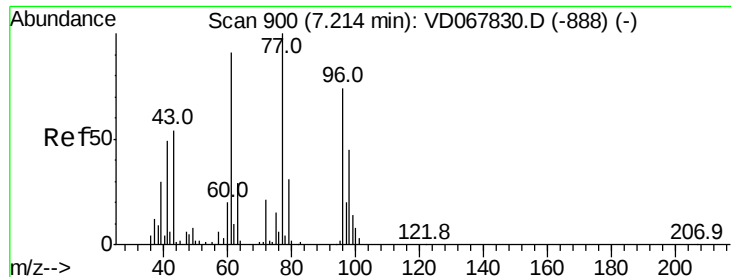
Tgt Ion: 77 Resp: 184811

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 49.728 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

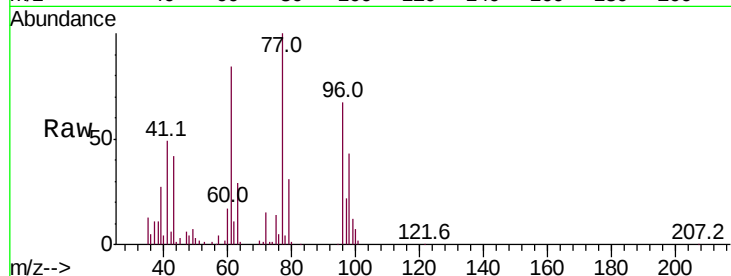
Tot Ion: 96 Resp: 113372

Ion Ratio Lower Upper

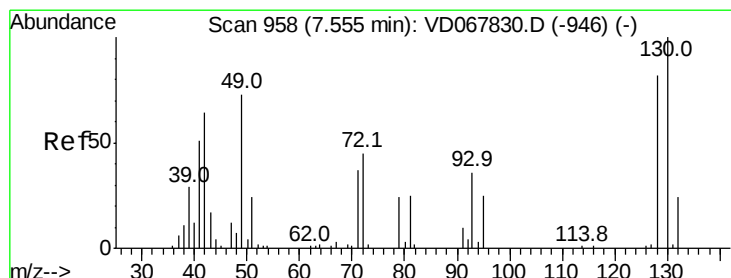
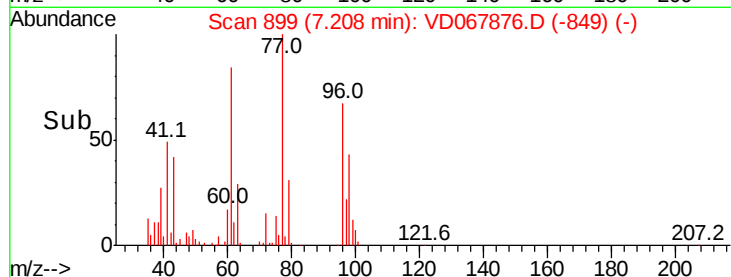
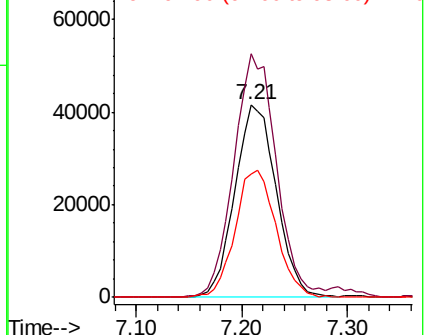
96 100

61 129.8 0.0 248.4

98 65.3 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 47.826 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

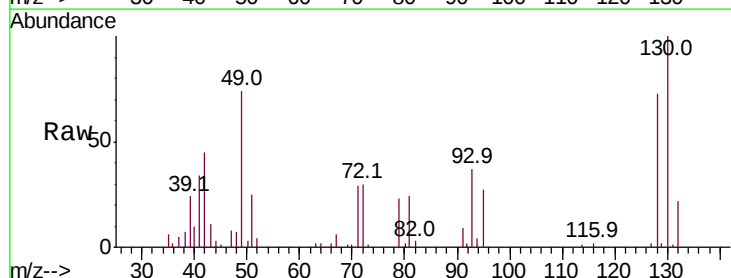
Tgt Ion: 49 Resp: 45365

Ion Ratio Lower Upper

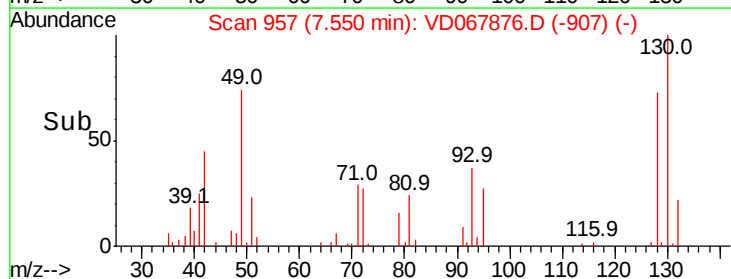
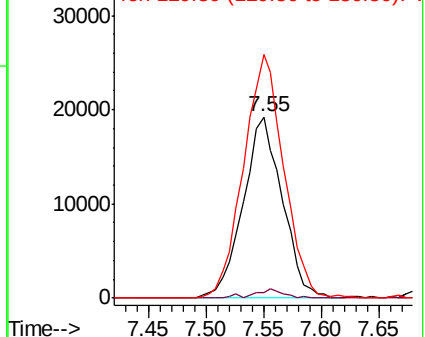
49 100

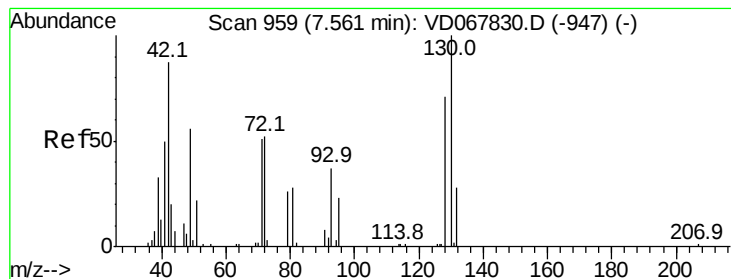
129 3.3 0.0 3.4

130 138.8 110.2 165.2



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 229.338 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

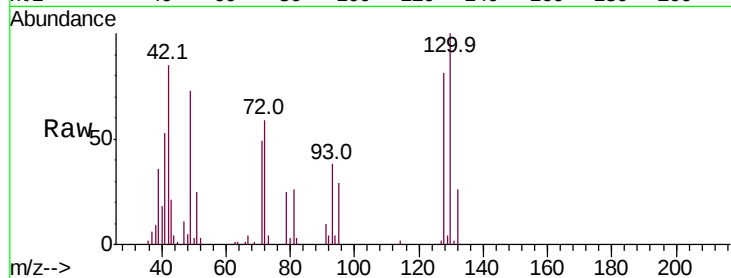
Tot Ion: 42 Resp: 40275

Ion Ratio Lower Upper

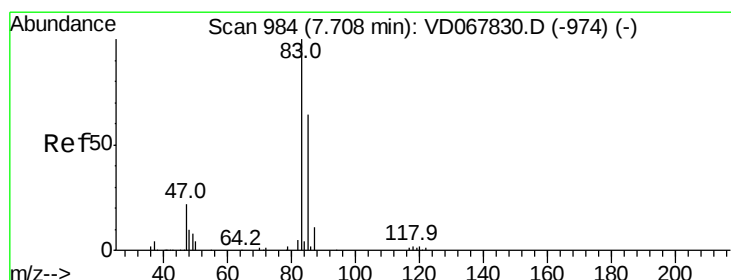
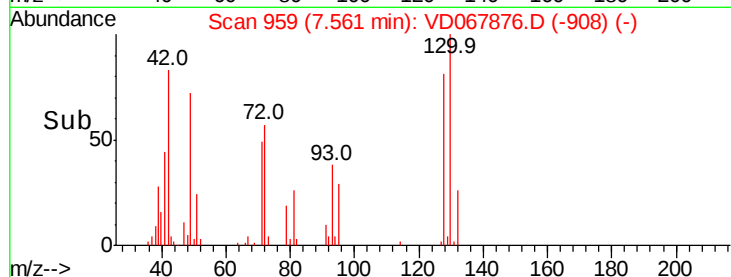
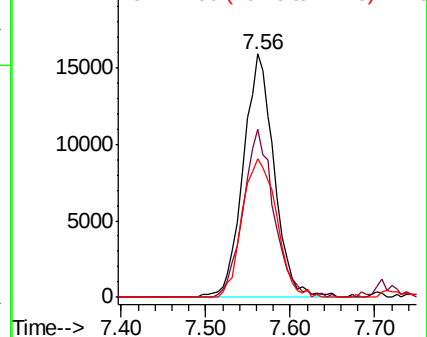
42 100

72 69.1 51.9 77.9

71 63.4 48.2 72.4



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 49.224 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD067876.D

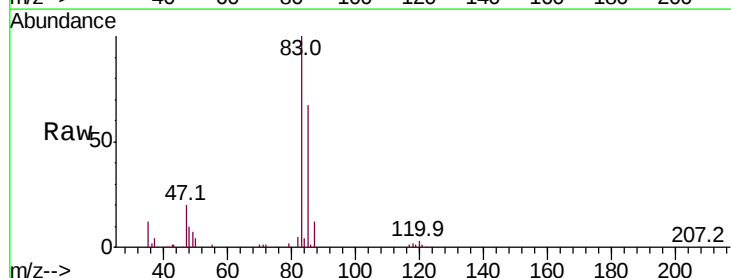
Acq: 04 Dec 2020 10:18

Tgt Ion: 83 Resp: 196530

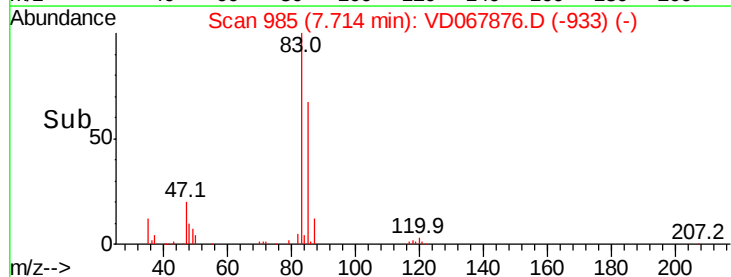
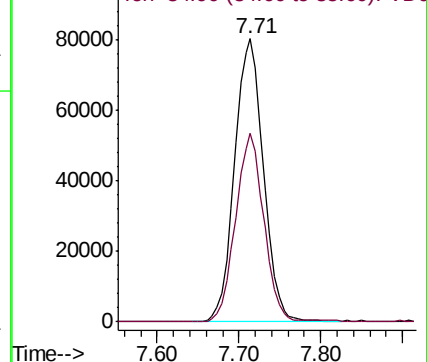
Ion Ratio Lower Upper

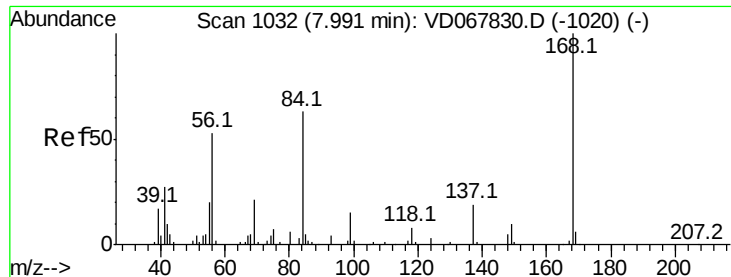
83 100

85 66.7 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

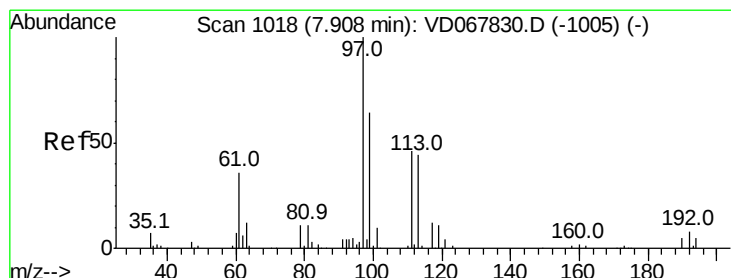
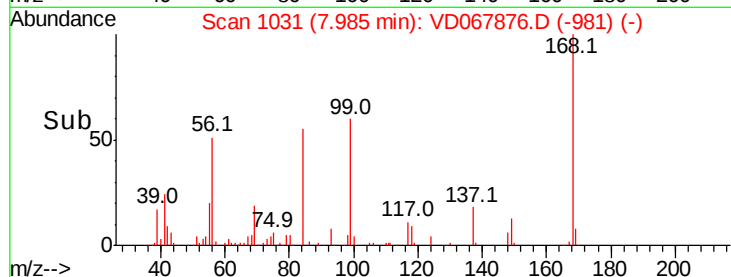
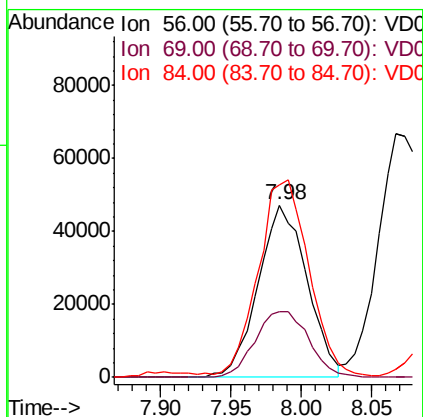
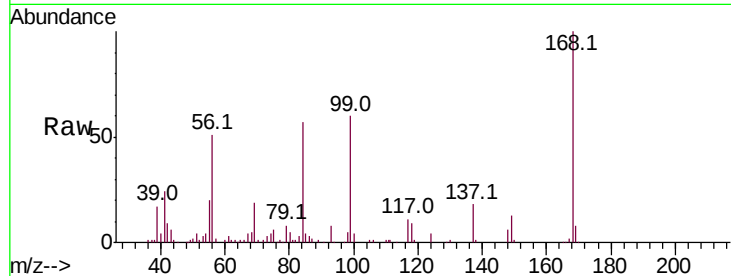




#31
Cyclohexane
Concen: 45.847 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

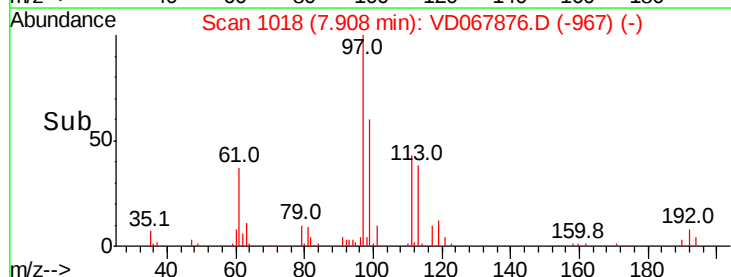
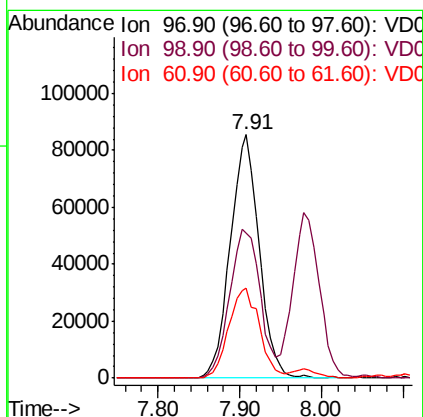
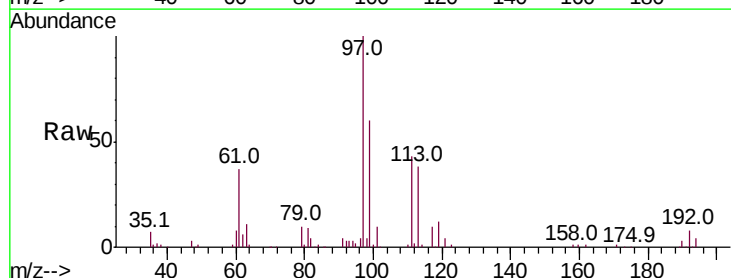
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

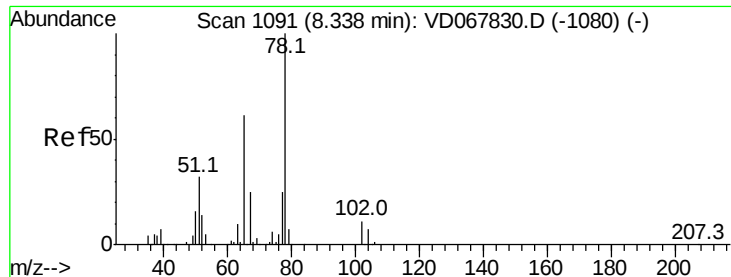
Tot Ion: 56 Resp: 114625
Ion Ratio Lower Upper
56 100
69 38.6 32.1 48.1
84 109.3 93.2 139.8



#32
1,1,1-Trichloroethane
Concen: 49.890 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion: 97 Resp: 210264
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 39.0 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 46.456 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

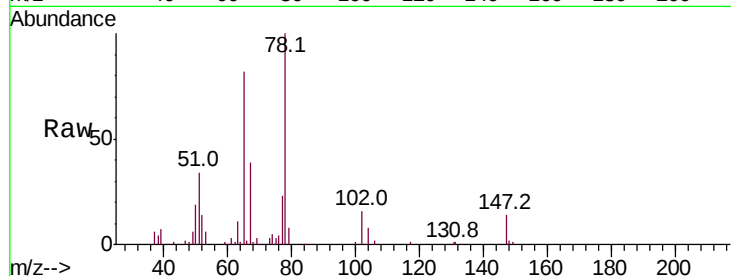
VSTDCCC050

Tot Ion: 65 Resp: 110243

Ion Ratio Lower Upper

65 100

67 46.2 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

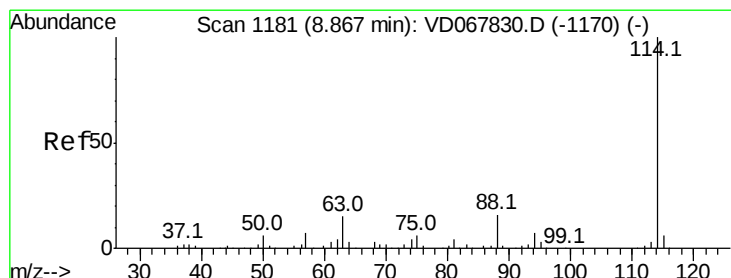
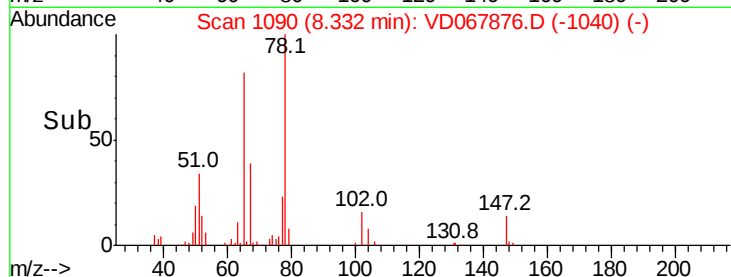
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

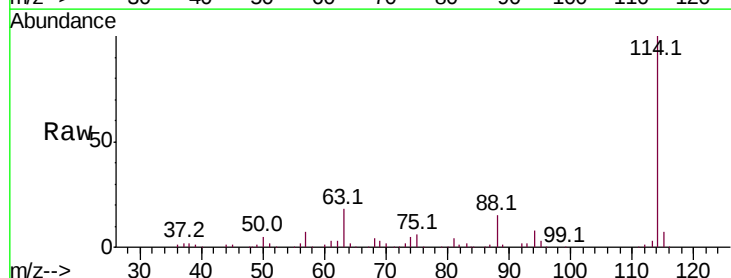
Tgt Ion: 114 Resp: 311943

Ion Ratio Lower Upper

114 100

63 17.8 0.0 30.8

88 15.0 0.0 31.8



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

200000

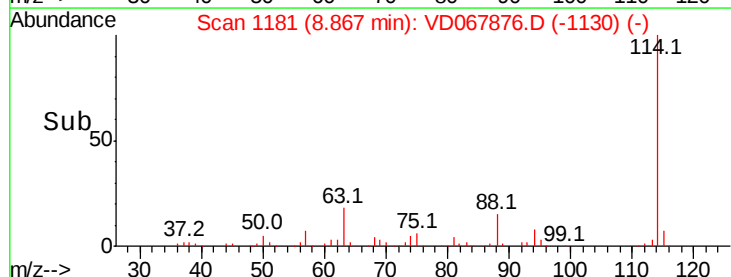
150000

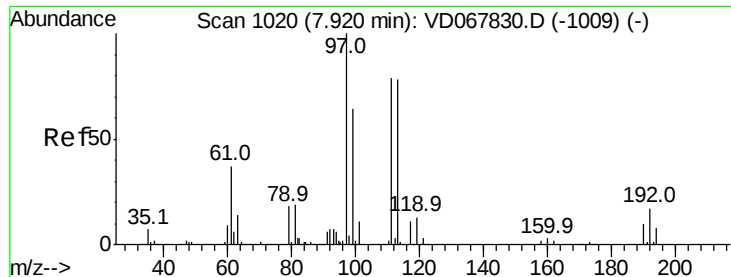
100000

50000

0

Time-->

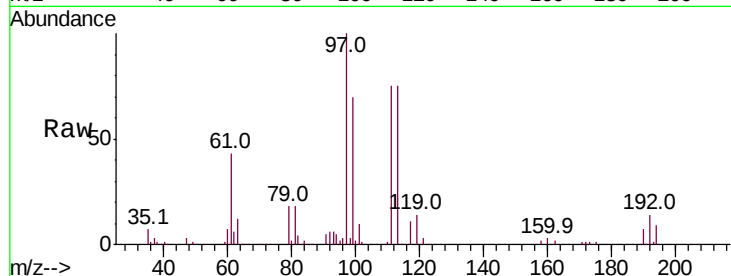




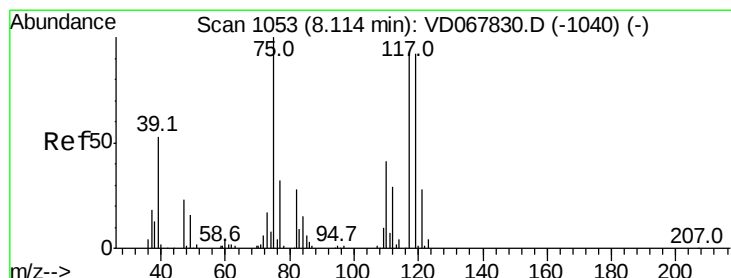
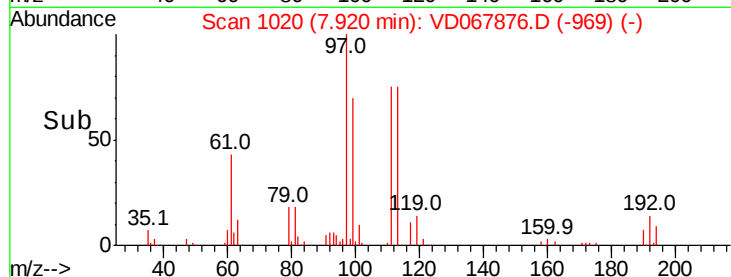
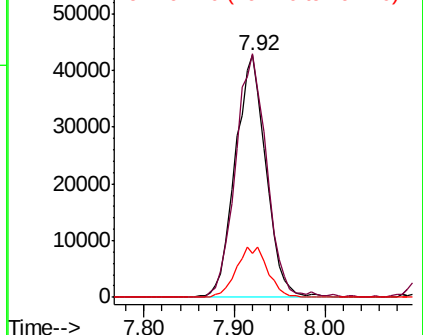
#35
Dibromofluoromethane
Concen: 48.292 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 100803
Ion Ratio Lower Upper
113 100
111 101.1 81.2 121.8
192 21.0 16.8 25.2

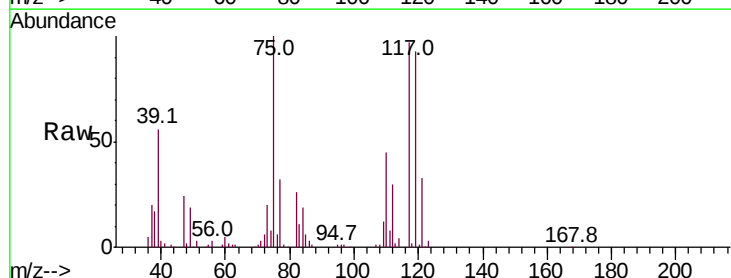


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

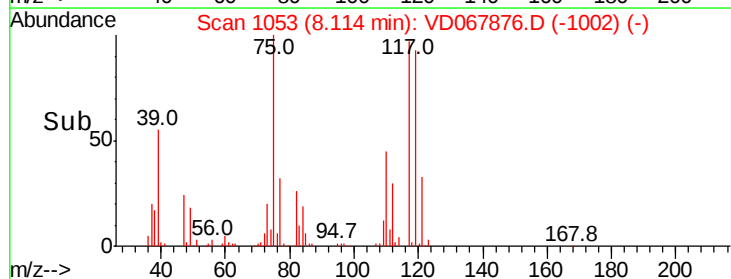
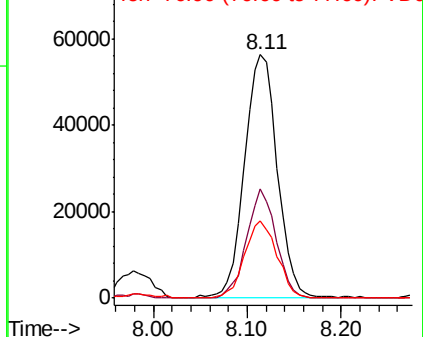


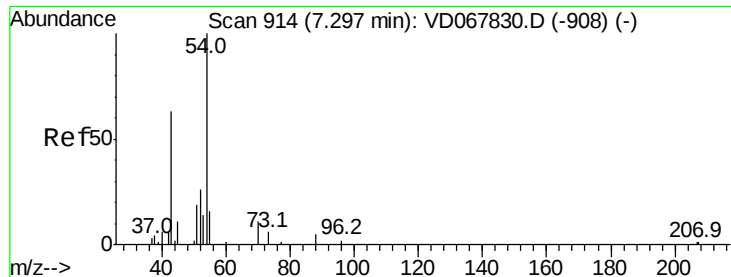
#36
1,1-Dichloropropene
Concen: 50.494 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion: 75 Resp: 136357
Ion Ratio Lower Upper
75 100
110 40.1 20.3 61.0
77 31.2 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VDC





#37

Ethyl Acetate

Concen: 46.101 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

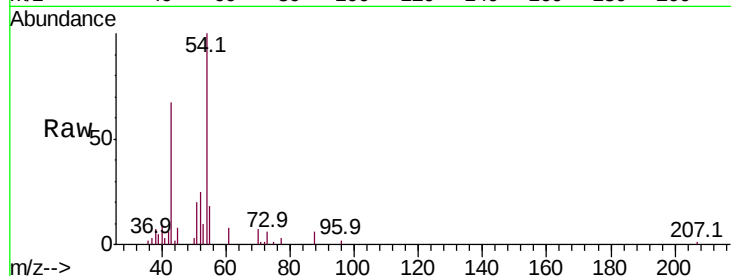
Tot Ion: 43 Resp: 33553

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

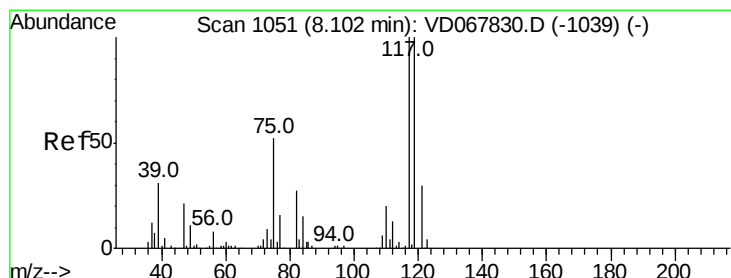
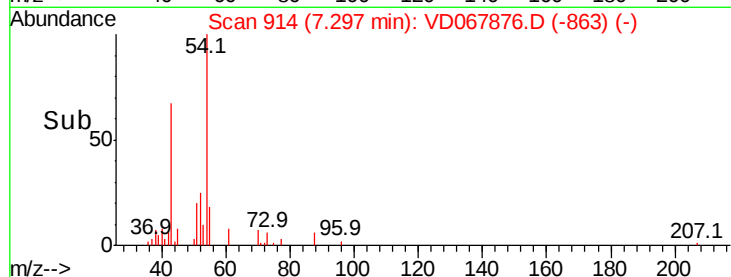
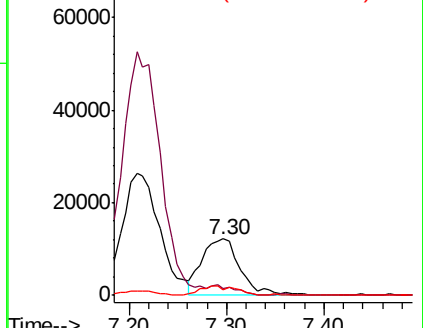
70 15.2 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 51.972 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

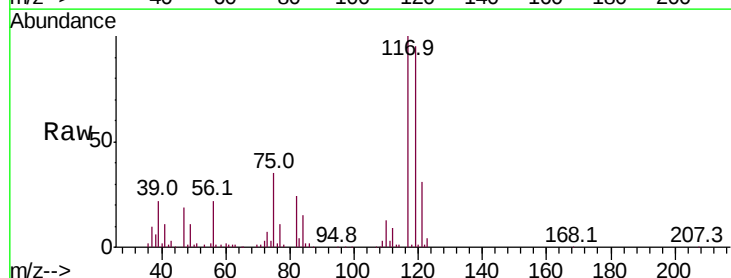
Tgt Ion: 117 Resp: 212354

Ion Ratio Lower Upper

117 100

119 94.5 79.7 119.5

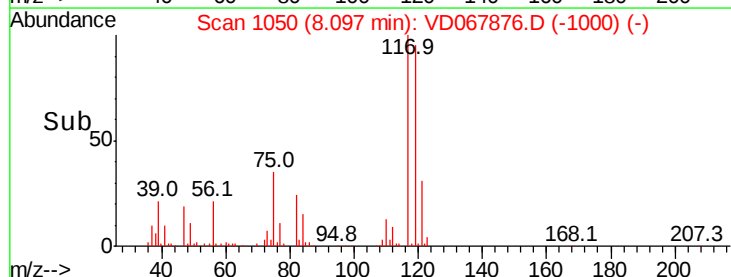
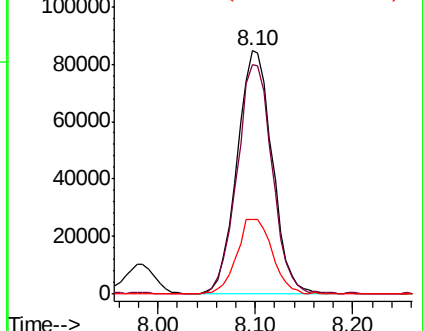
121 30.8 23.8 35.6

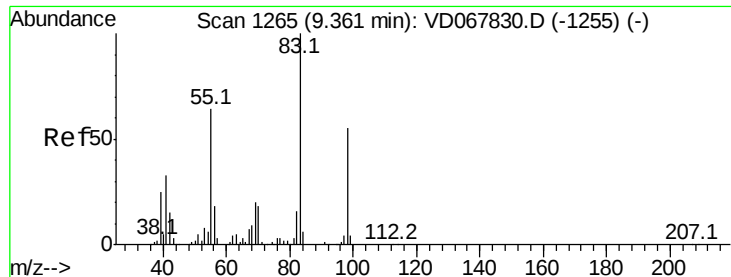


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

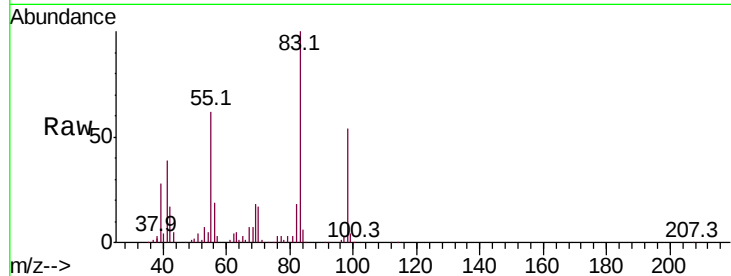




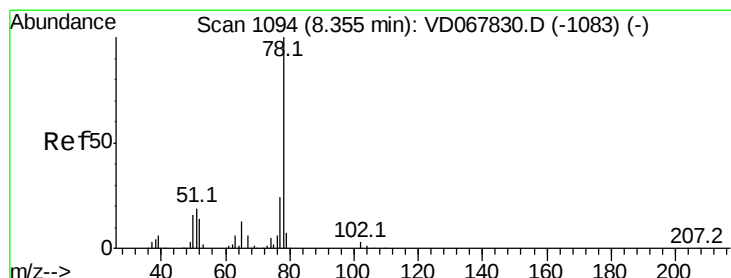
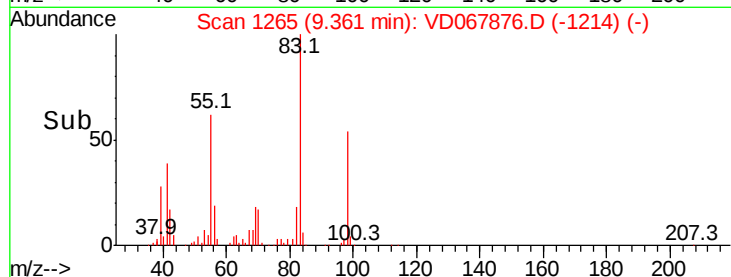
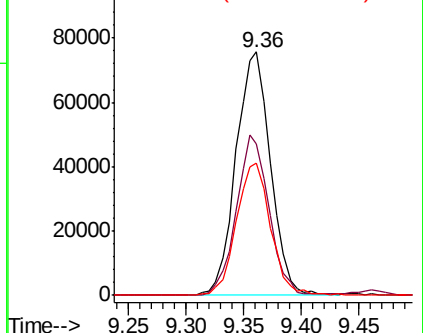
#39
Methvlcvclohexane
Concen: 49.152 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	157296
Ion Ratio	Lower	Upper	
83	100		
55	62.1	51.6	77.4
98	54.1	44.3	66.5

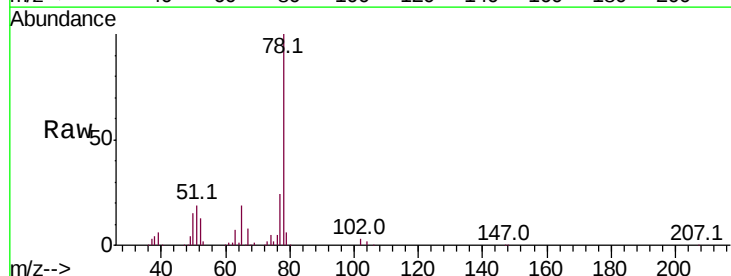


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

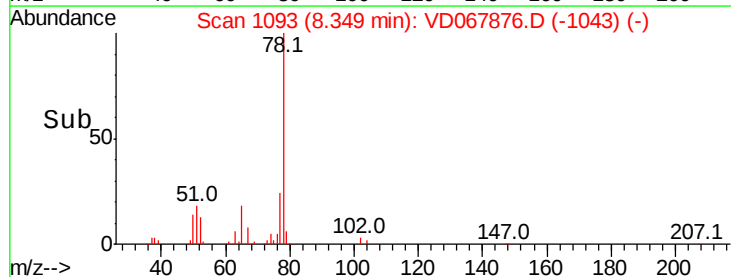
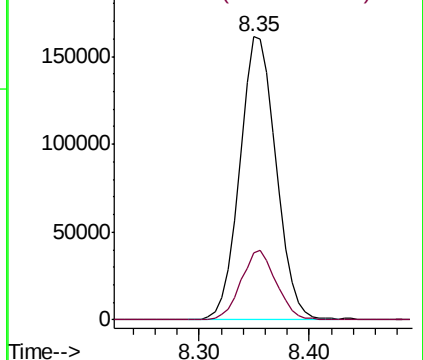


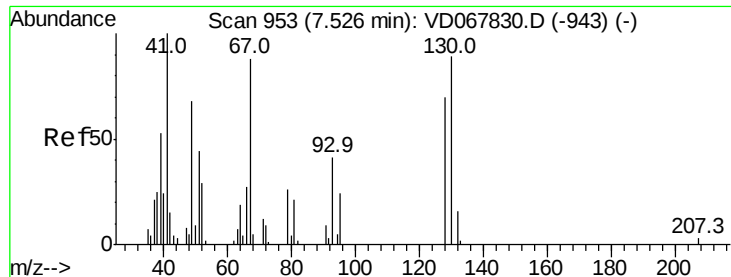
#40
Benzene
Concen: 50.397 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion	78	Resp	372393
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 48.226 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 16723

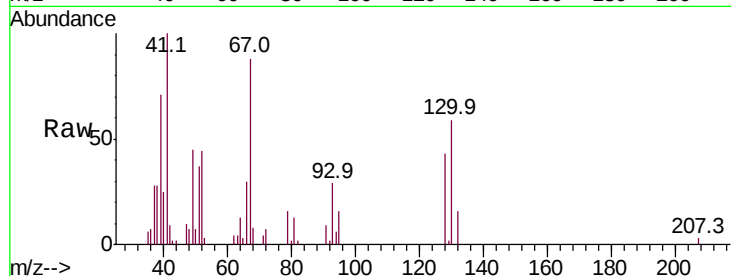
Ion Ratio Lower Upper

41 100

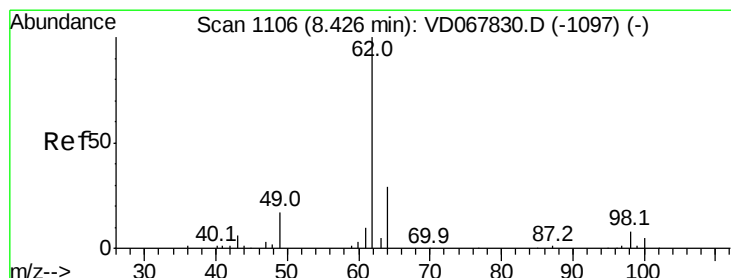
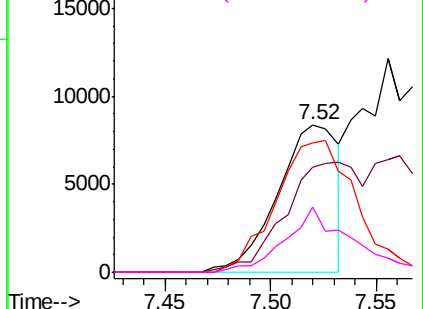
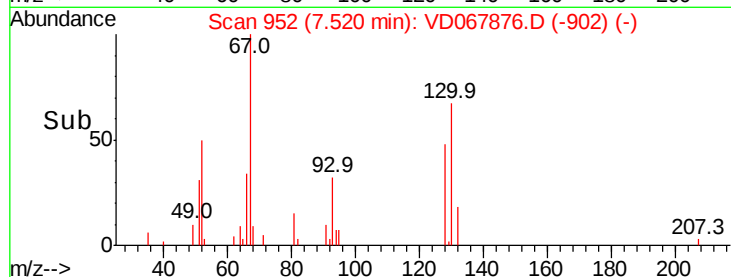
39 92.3 42.1 63.1#

67 118.7 82.4 123.6

52 47.8 30.6 45.8#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 49.402 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD067876.D

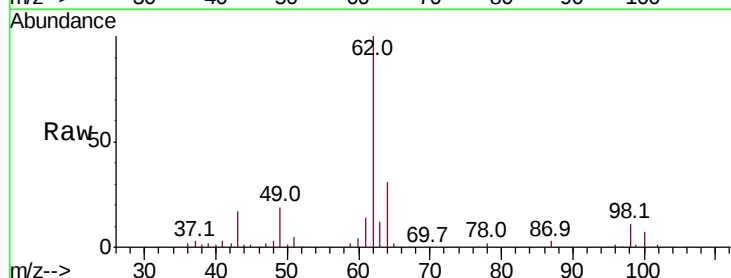
Acq: 04 Dec 2020 10:18

Tgt Ion: 62 Resp: 130103

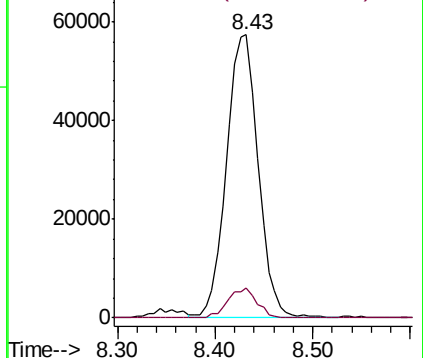
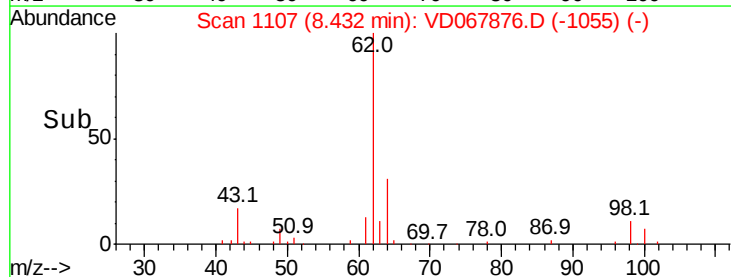
Ion Ratio Lower Upper

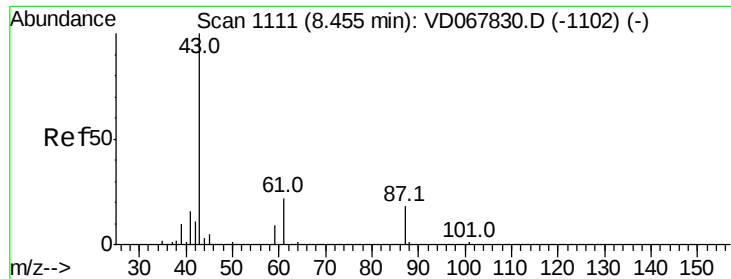
62 100

98 9.5 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.308 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

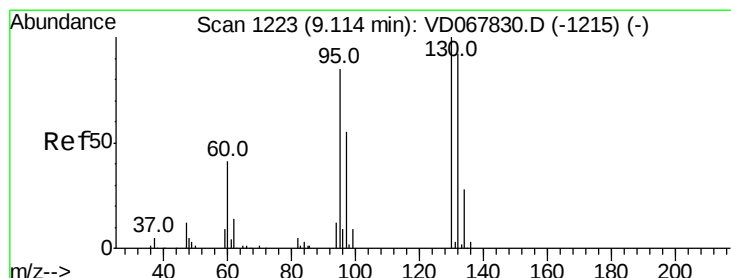
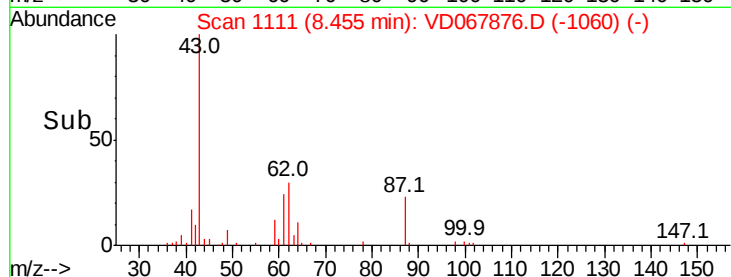
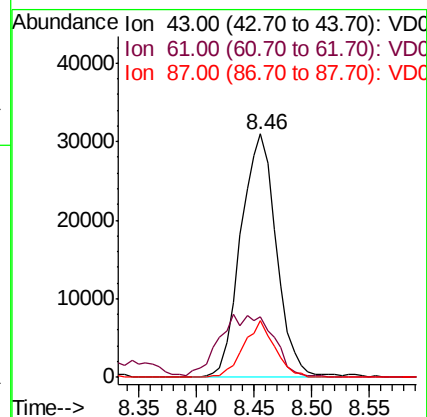
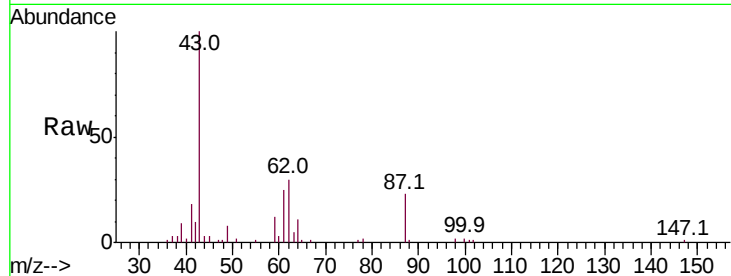
Tot Ion: 43 Resp: 66316

Ion Ratio Lower Upper

43 100

61 0.0 30.4 45.6#

87 20.4 16.2 24.2



#44

Trichloroethene

Concen: 49.985 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD067876.D

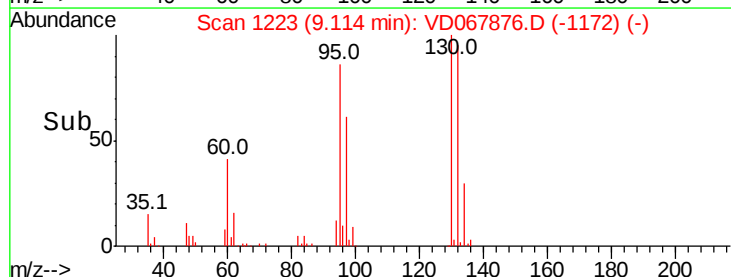
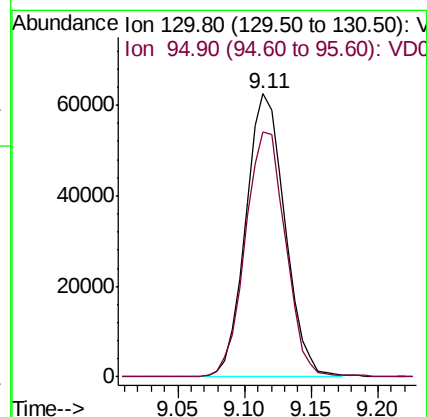
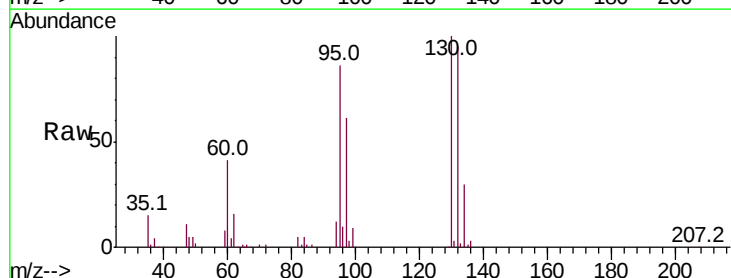
Acq: 04 Dec 2020 10:18

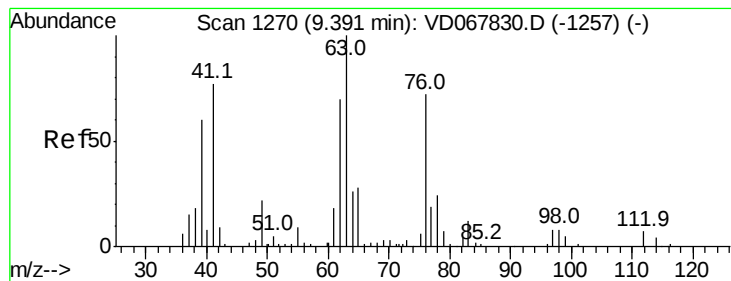
Tgt Ion:130 Resp: 126988

Ion Ratio Lower Upper

130 100

95 86.3 0.0 170.2





#45

1,2-Dichloropropane

Concen: 48.319 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

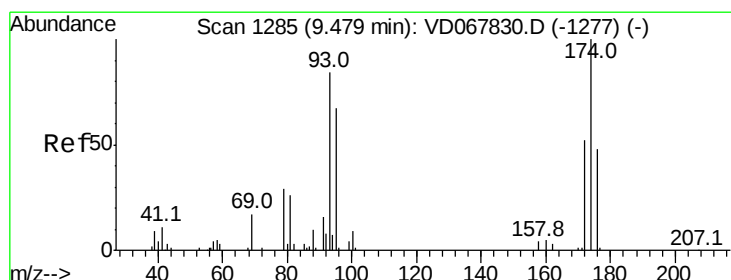
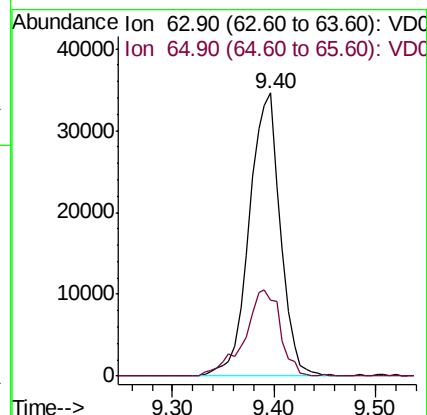
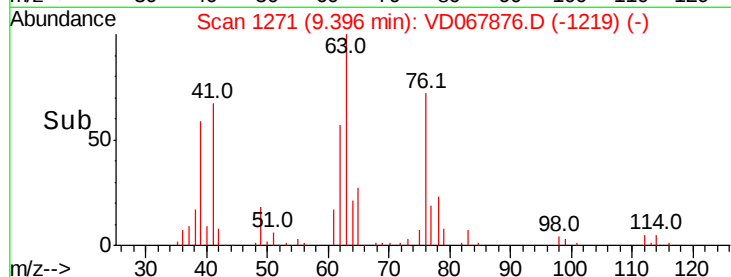
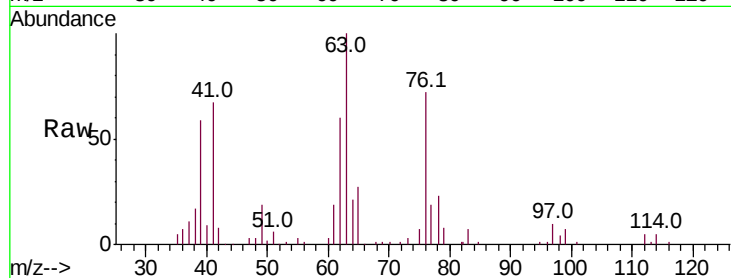
VSTDCCC050

Tot Ion: 63 Resp: 73280

Ion Ratio Lower Upper

63 100

65 27.0 22.8 34.2



#46

Dibromomethane

Concen: 48.795 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

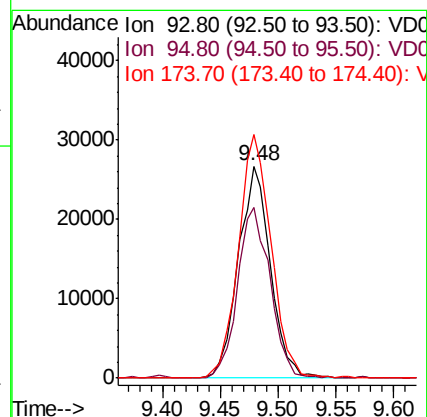
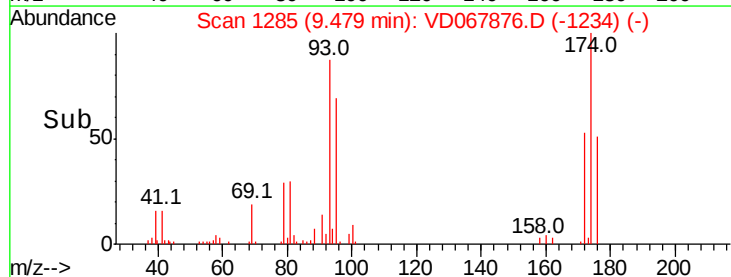
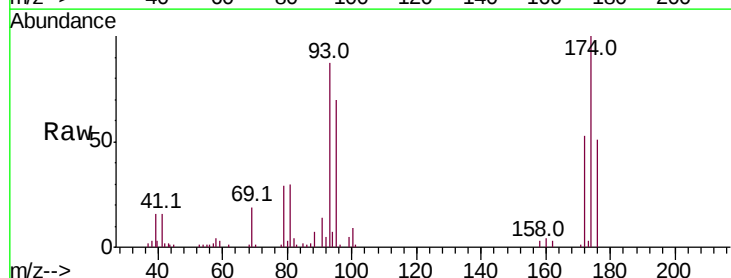
Tgt Ion: 93 Resp: 51452

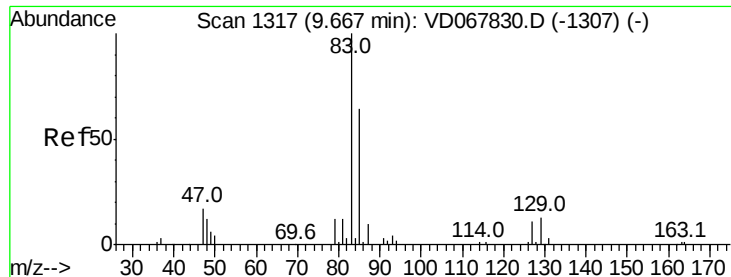
Ion Ratio Lower Upper

93 100

95 81.5 64.2 96.4

174 117.1 91.5 137.3





#47

Bromodichloromethane

Concen: 50.035 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

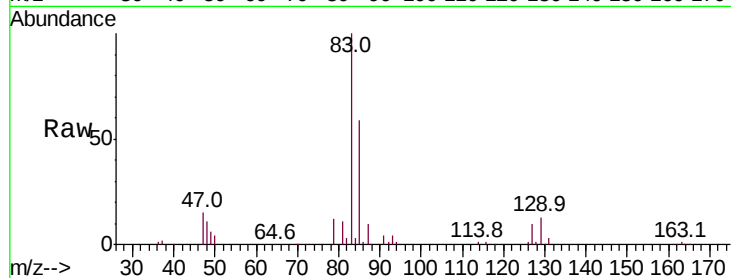
Tot Ion: 83 Resp: 150411

Ion Ratio Lower Upper

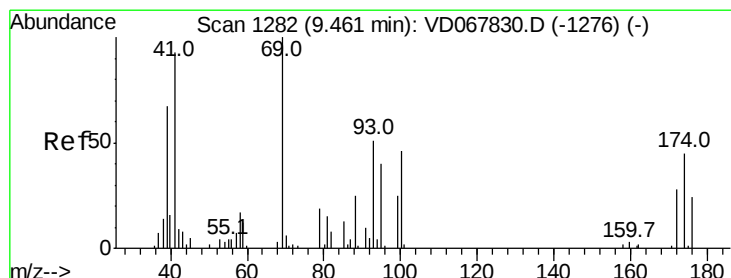
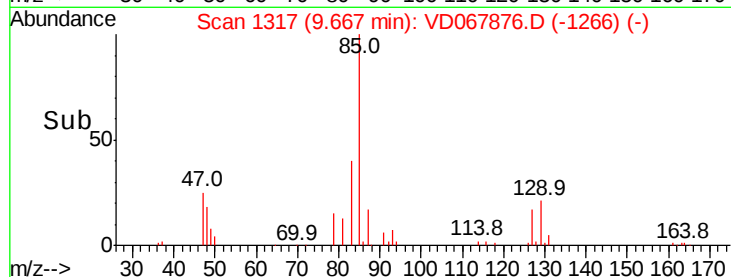
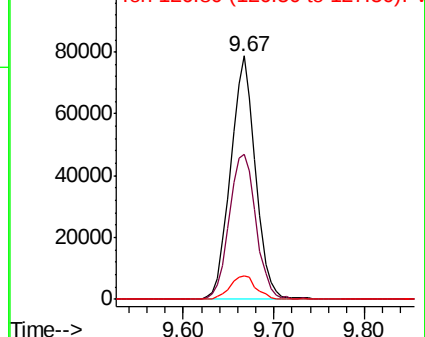
83 100

85 59.4 51.4 77.0

127 9.8 8.5 12.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 45.569 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

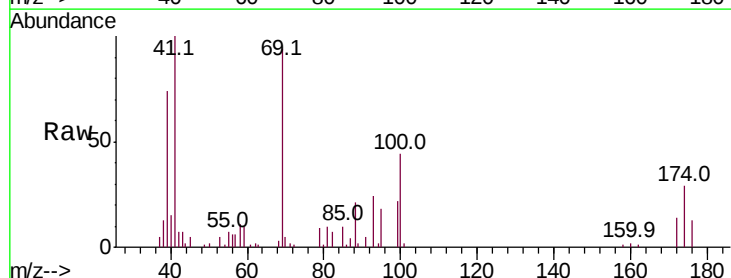
Tgt Ion: 41 Resp: 33137

Ion Ratio Lower Upper

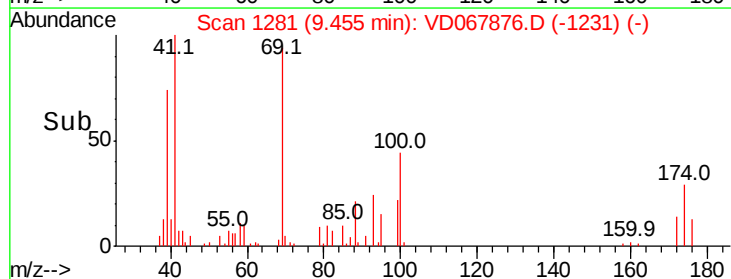
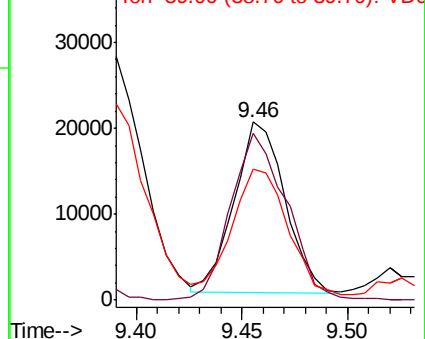
41 100

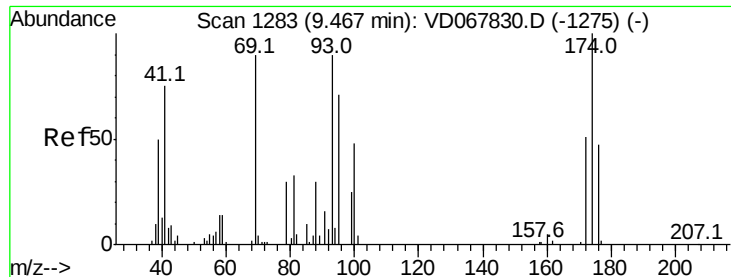
69 107.8 87.6 131.4

39 79.9 61.2 91.8



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

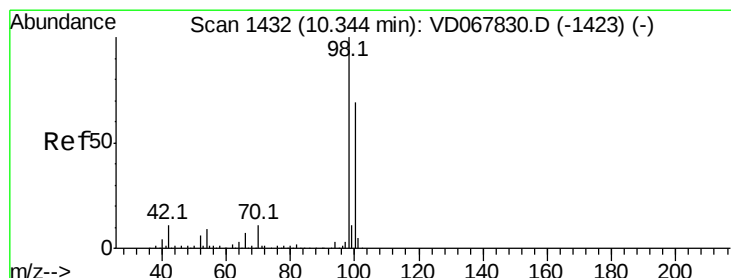
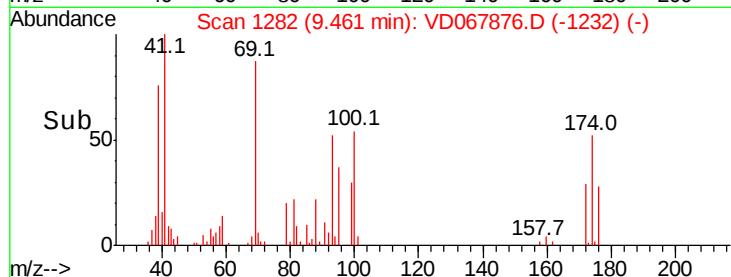
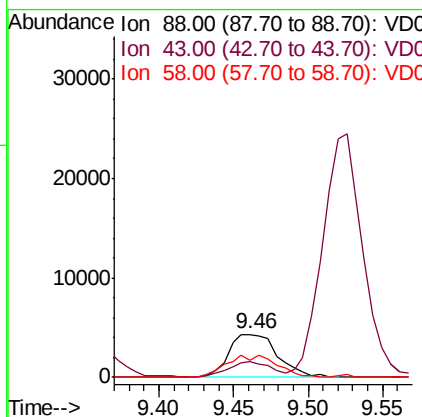
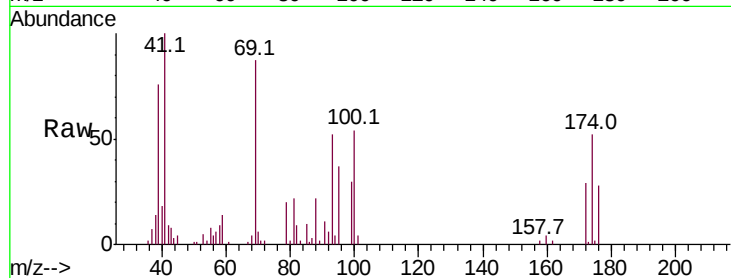




#49
 1,4-Dioxane
 Concen: 821.080 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

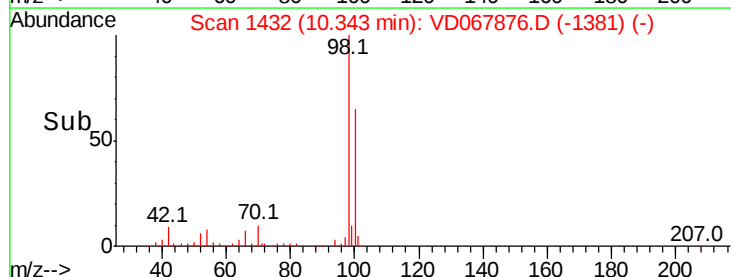
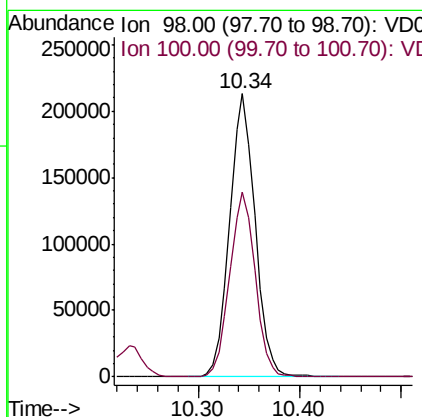
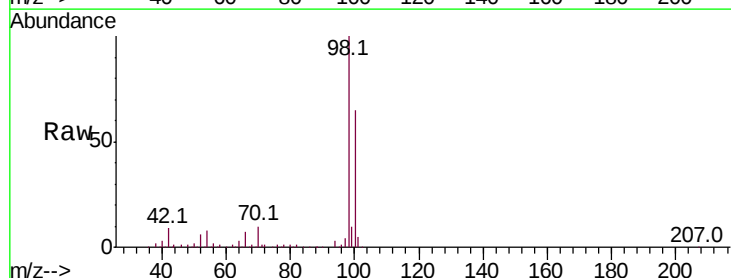
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

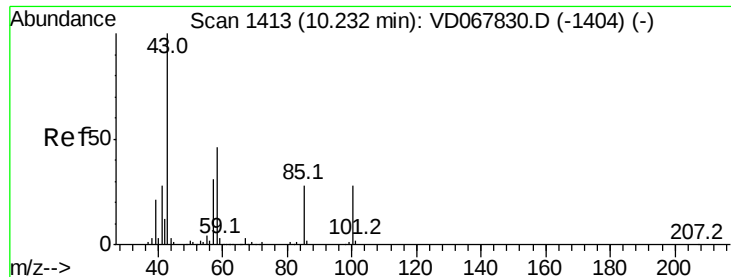
Tot Ion: 88 Resp: 9893
 Ion Ratio Lower Upper
 88 100
 43 32.8 30.1 45.1
 58 52.7 42.4 63.6



#50
 Toluene-d8
 Concen: 49.617 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion: 98 Resp: 372829
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 232.412 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

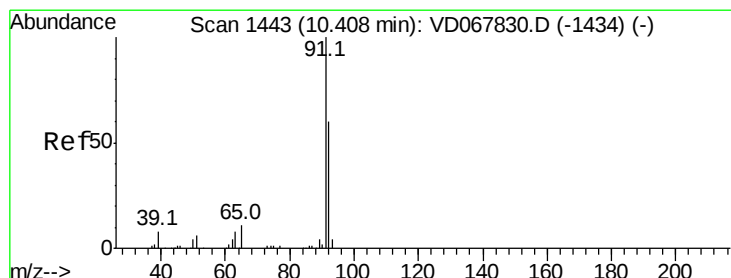
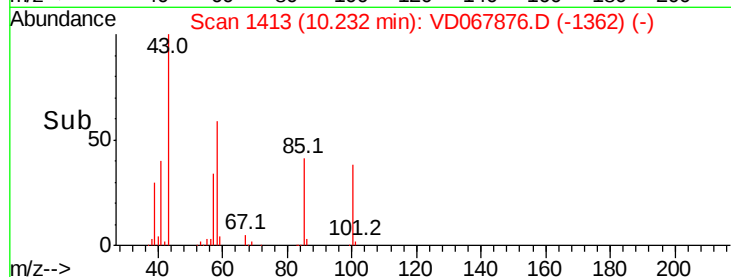
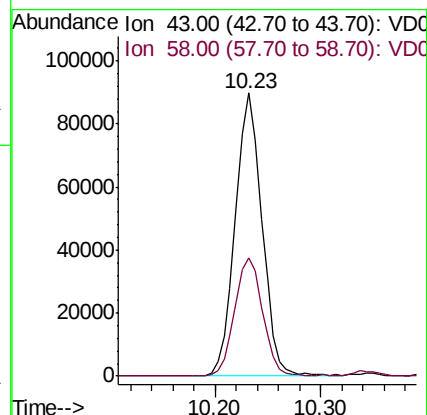
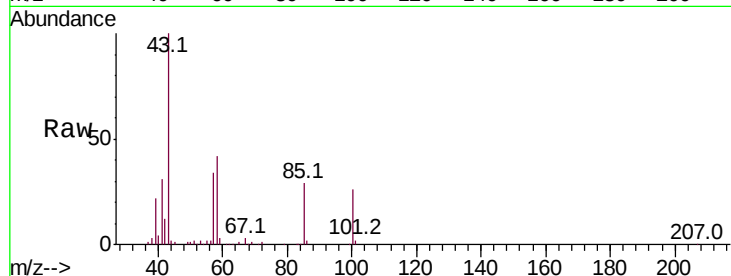
VSTDCCC050

Tot Ion: 43 Resp: 157524

Ion Ratio Lower Upper

43 100

58 43.6 35.7 53.5



#52

Toluene

Concen: 50.289 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067876.D

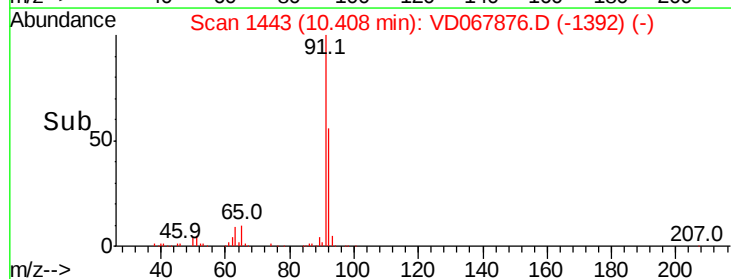
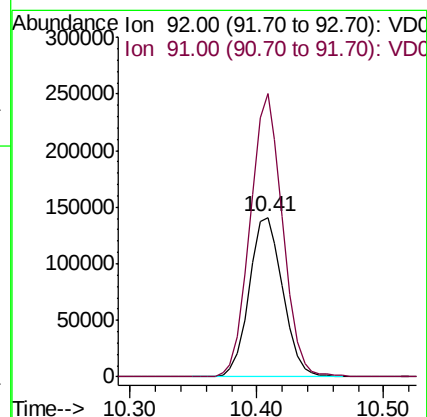
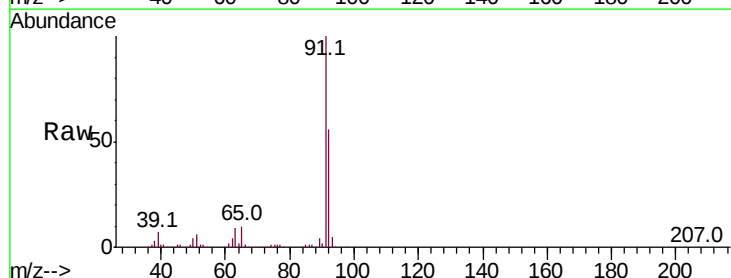
Acq: 04 Dec 2020 10:18

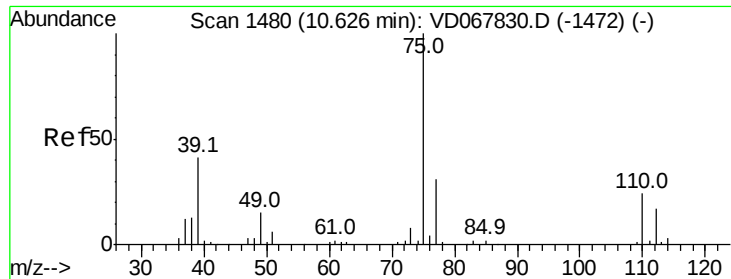
Tgt Ion: 92 Resp: 259805

Ion Ratio Lower Upper

92 100

91 171.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.852 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

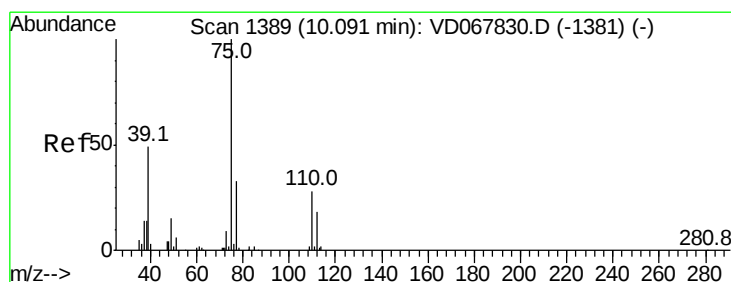
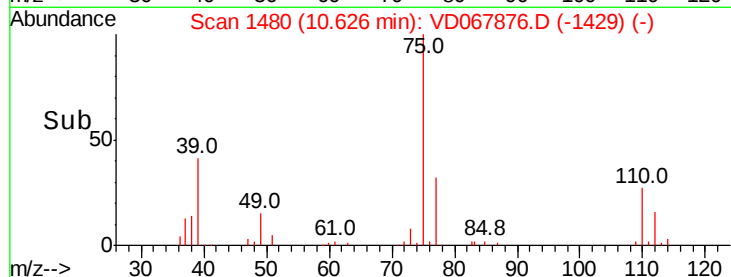
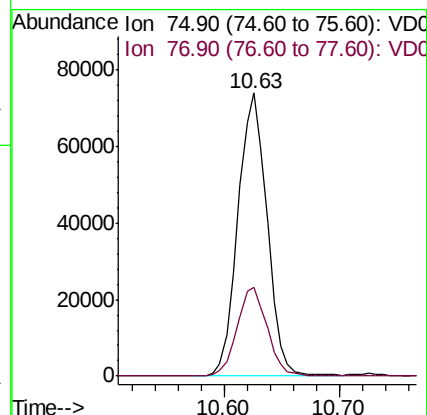
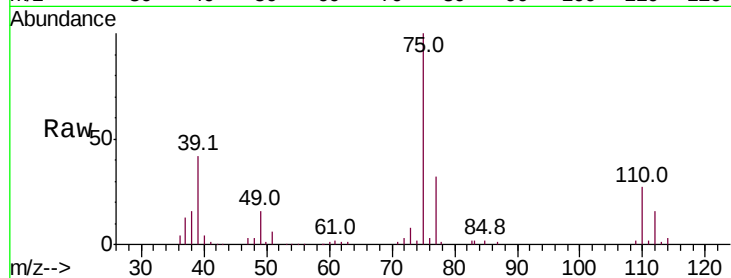
VSTDCCC050

Tot Ion: 75 Resp: 129347

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 50.640 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

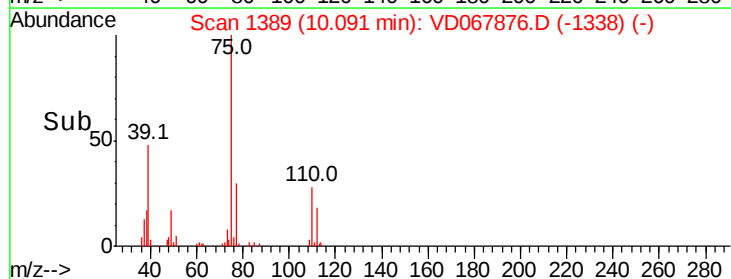
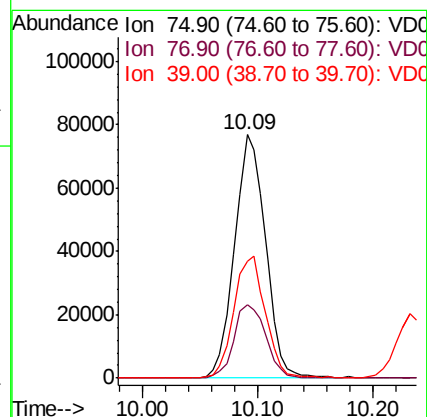
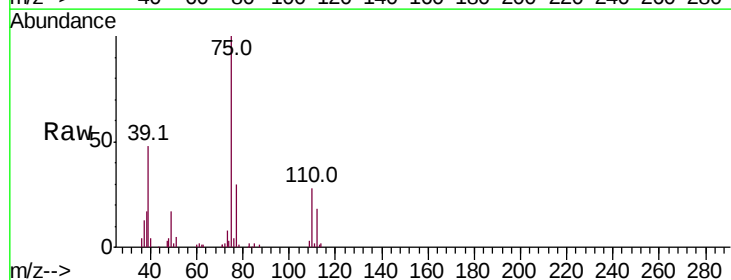
Tgt Ion: 75 Resp: 142918

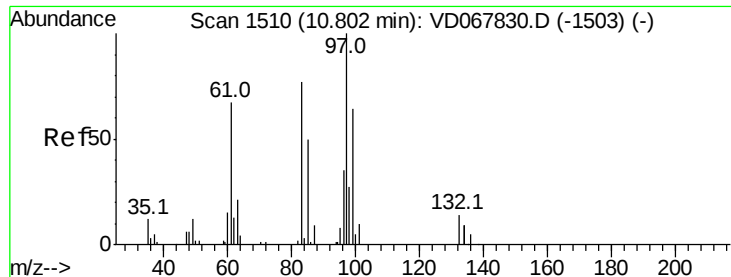
Ion Ratio Lower Upper

75 100

77 30.0 26.2 39.2

39 47.6 39.0 58.4

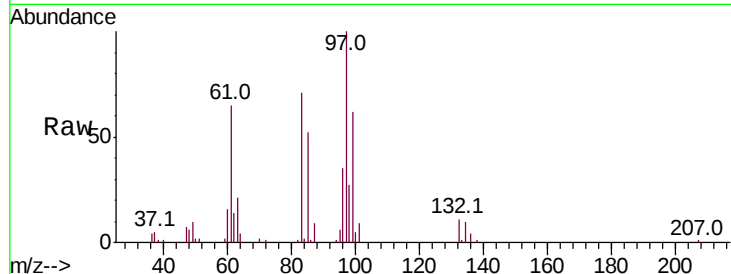




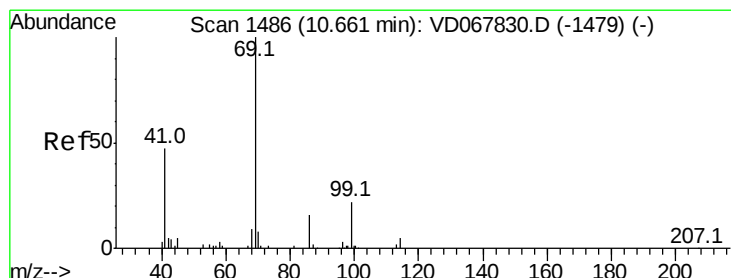
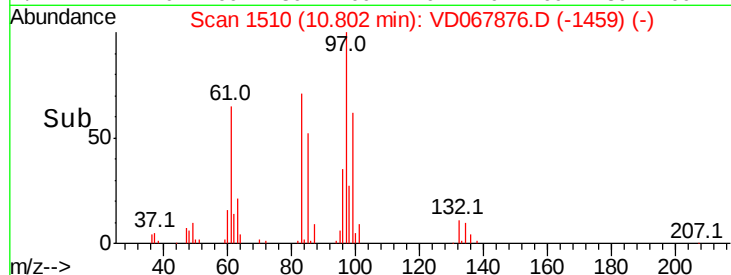
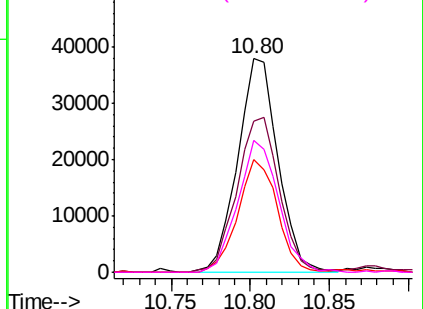
#55
 1,1,2-Trichloroethane
 Concen: 46.401 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	66958
Ion	Ratio	Lower	Upper
97	100		
83	70.9	61.9	92.9
85	52.5	40.2	60.4
99	61.7	51.0	76.6

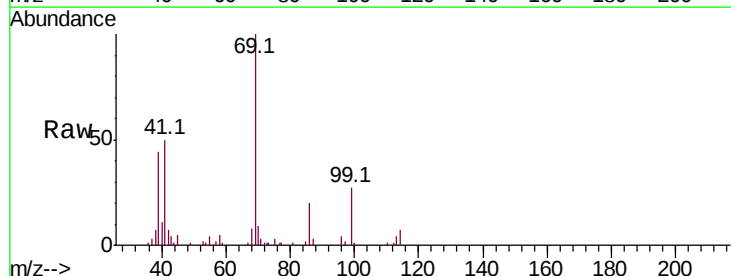


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

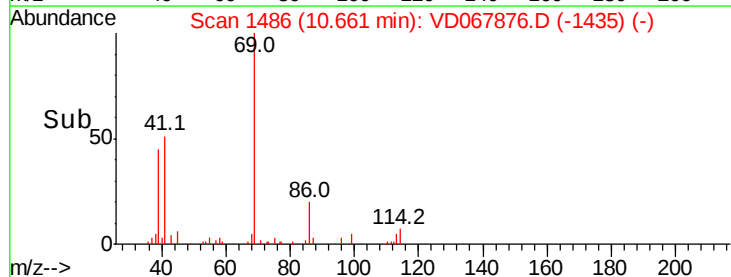
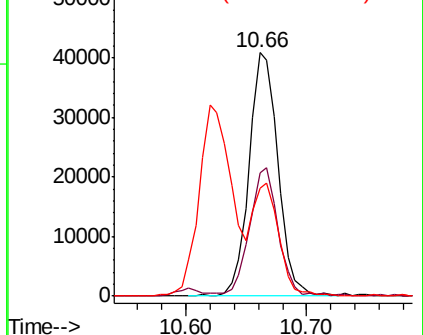


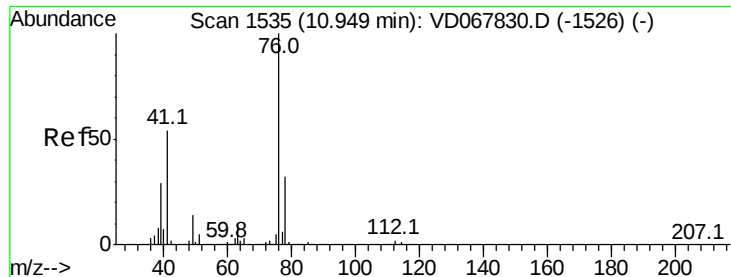
#56
 Ethyl methacrylate
 Concen: 46.630 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion:	69	Resp:	68463
Ion	Ratio	Lower	Upper
69	100		
41	52.6	42.8	64.2
39	41.8	30.5	45.7



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC

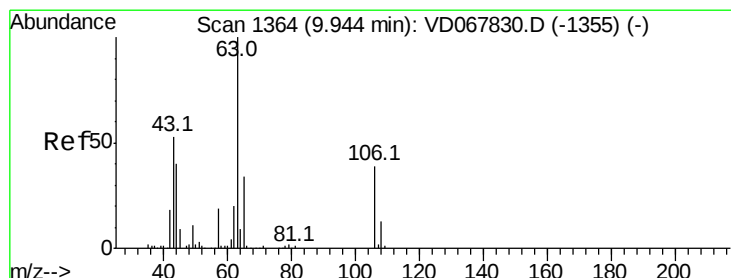
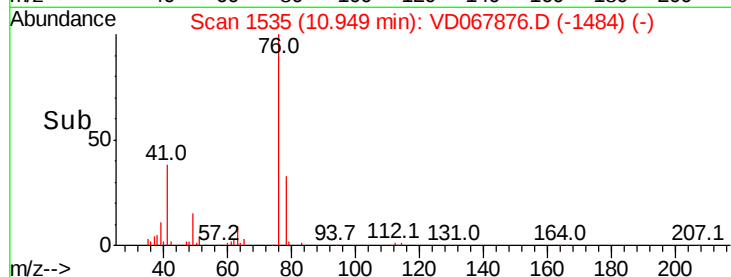
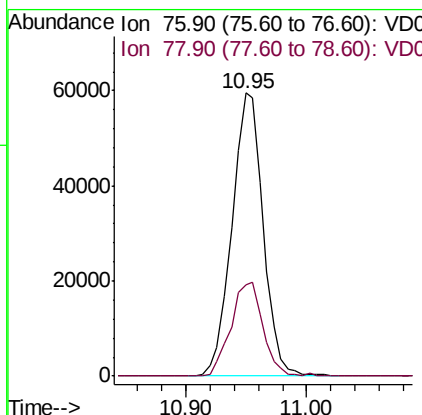
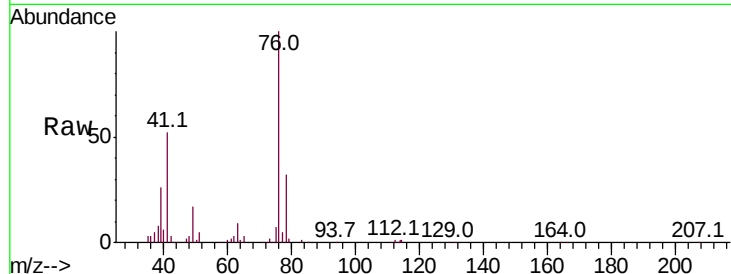




#57
 1,3-Dichloropropane
 Concen: 46.827 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

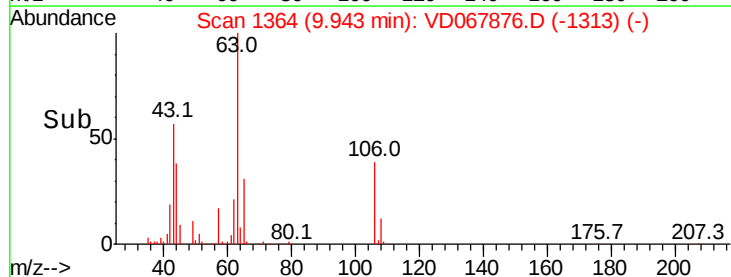
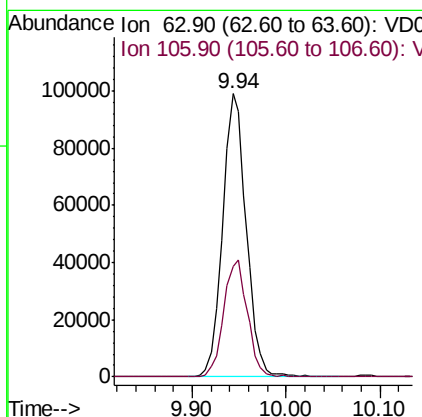
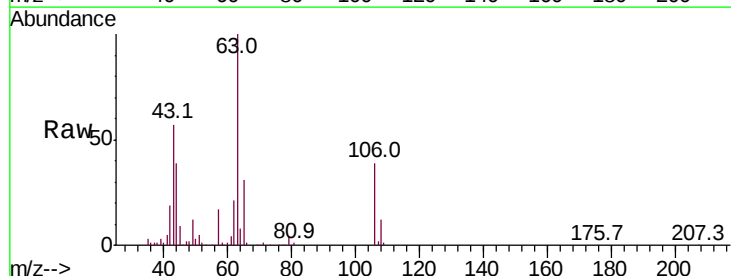
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

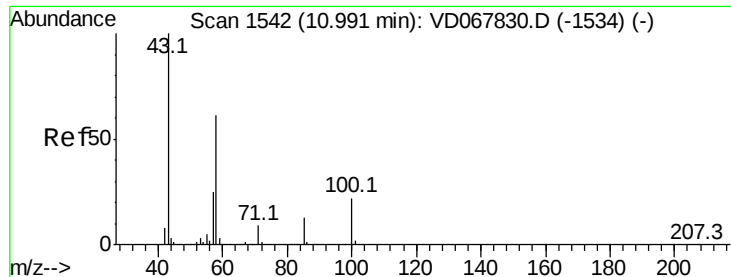
Tot Ion: 76 Resp: 107038
 Ion Ratio Lower Upper
 76 100
 78 34.0 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.849 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion: 63 Resp: 172934
 Ion Ratio Lower Upper
 63 100
 106 41.5 32.0 48.0

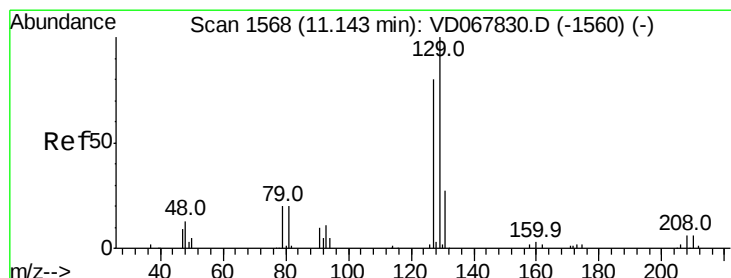
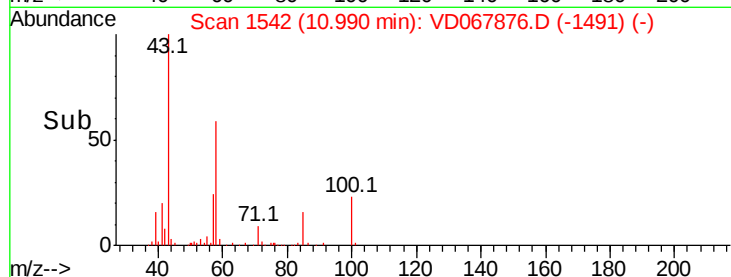
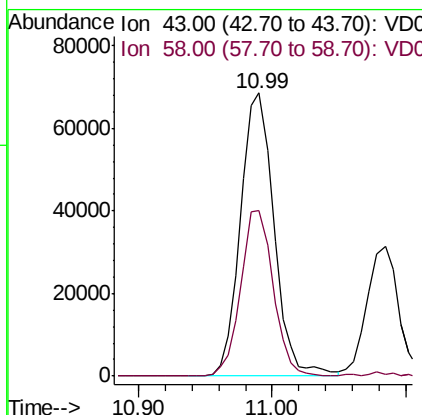
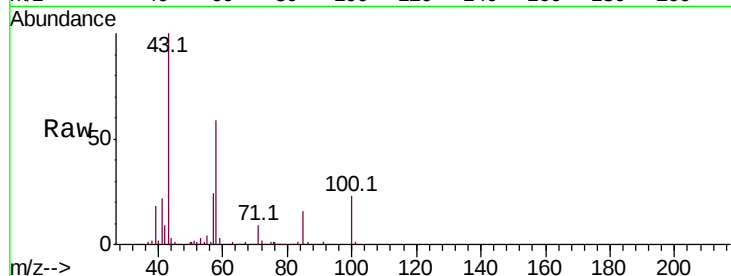




#59
2-Hexanone
Concen: 249.851 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

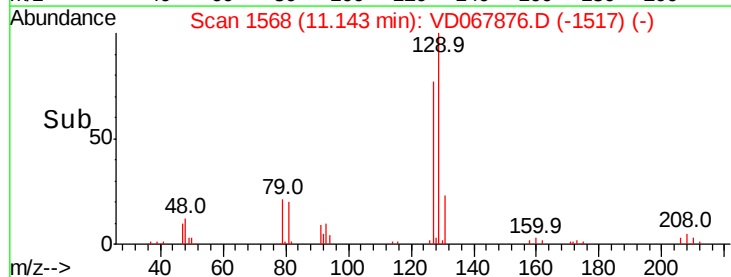
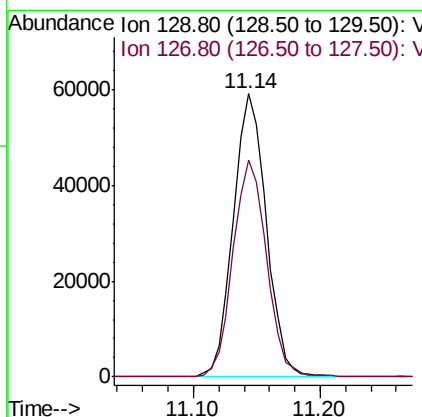
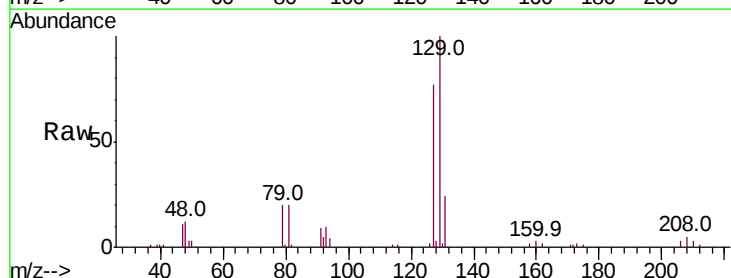
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

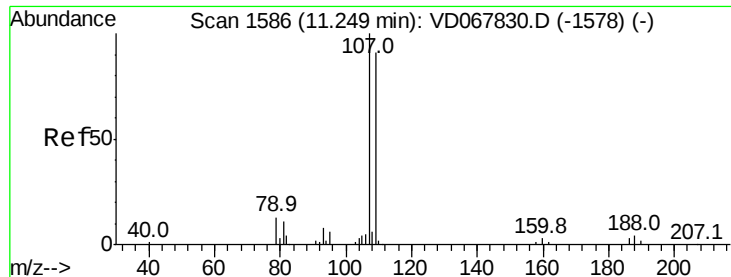
Tot Ion: 43 Resp: 119378
Ion Ratio Lower Upper
43 100
58 56.8 29.9 89.7



#60
Dibromochloromethane
Concen: 48.959 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion: 129 Resp: 106499
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

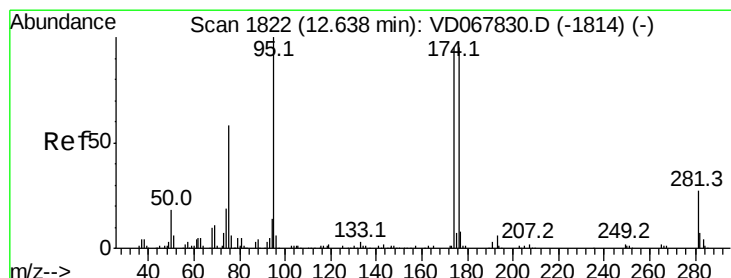
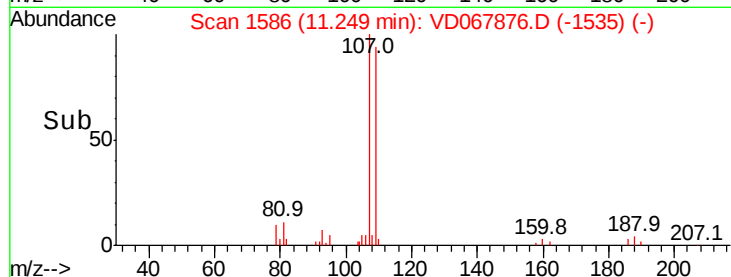
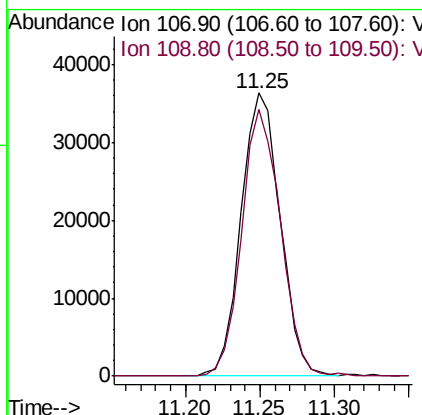
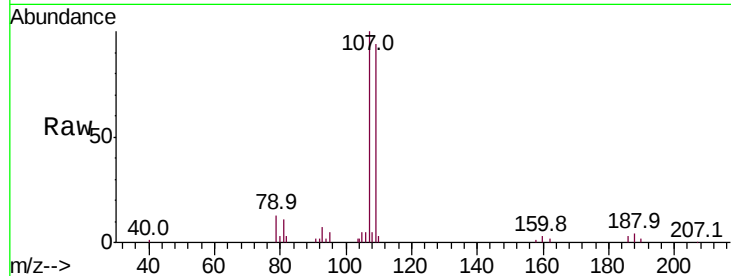




#61
 1,2-Dibromoethane
 Concen: 46.454 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

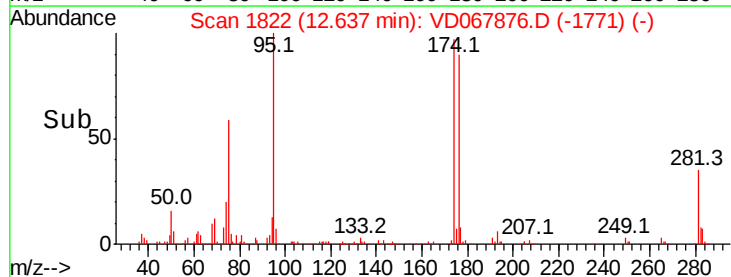
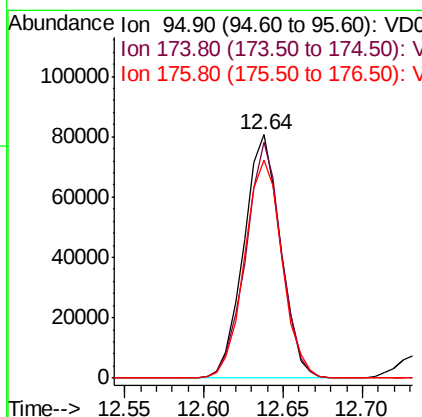
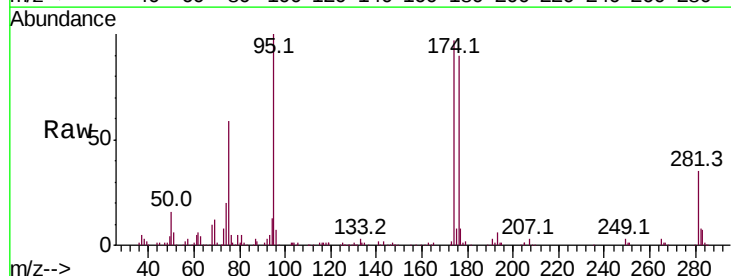
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

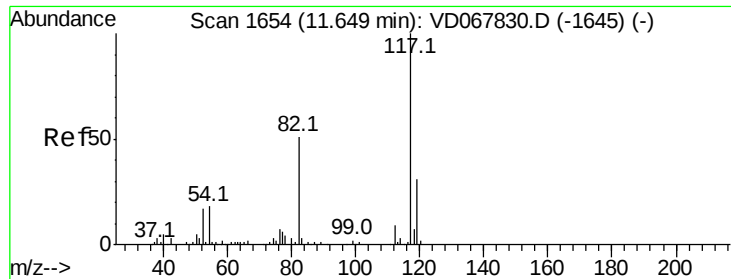
Tot Ion:107 Resp: 65921
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.162 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion: 95 Resp: 130313
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 186.0
 176 91.0 0.0 184.2

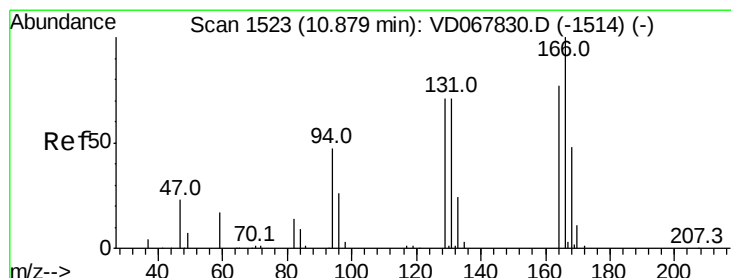
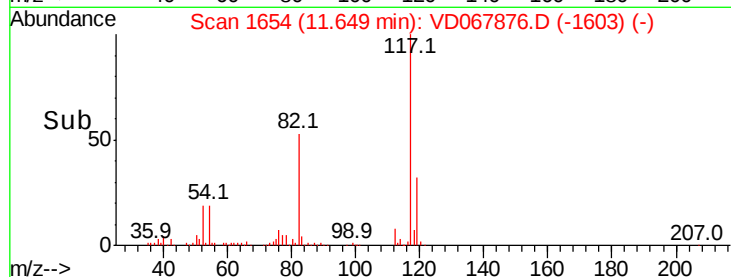
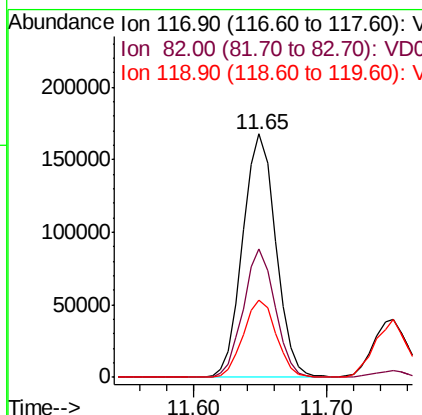
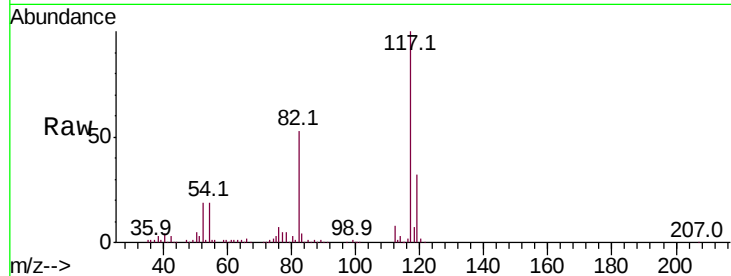




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

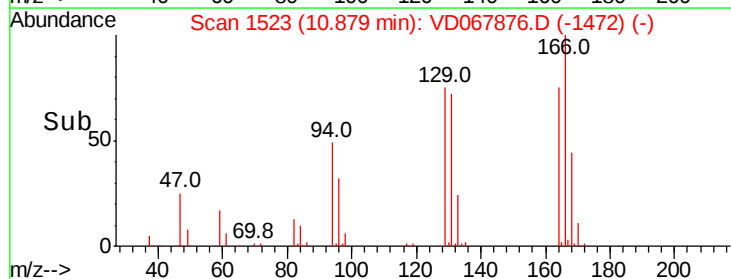
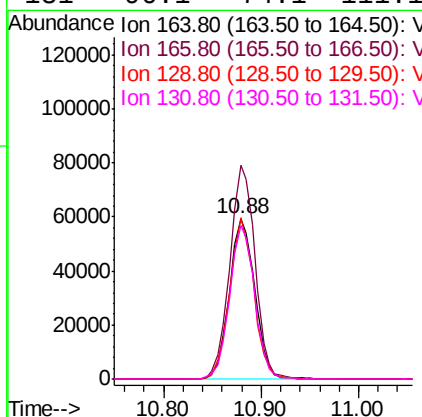
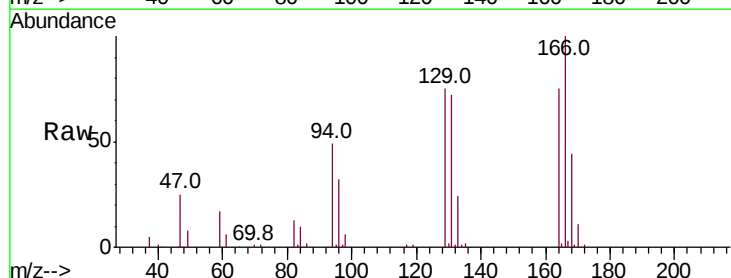
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

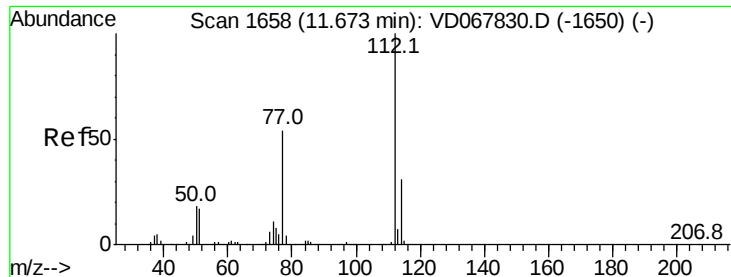
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.6	60.8
119	31.7	25.1	37.7



#64
Tetrachloroethene
Concen: 45.691 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.5	103.8	155.6
129	100.4	73.3	109.9
131	96.1	74.1	111.1

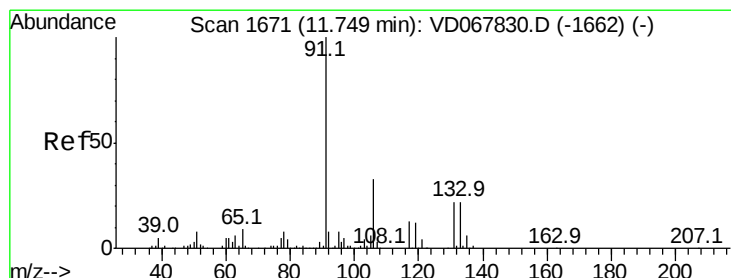
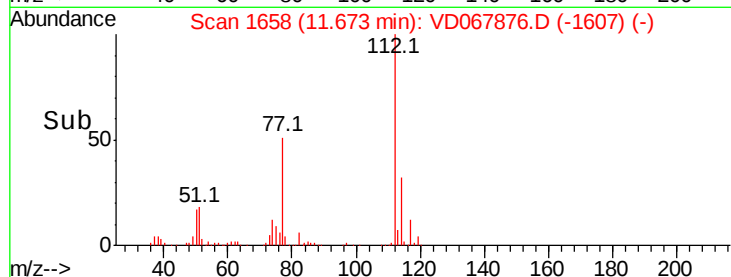
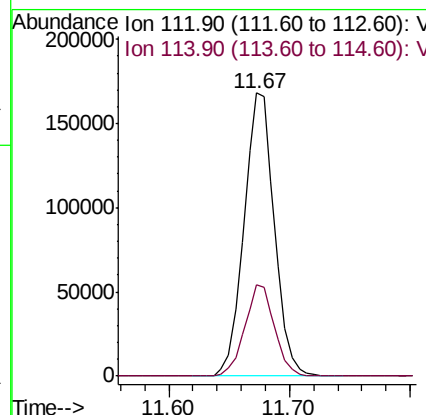
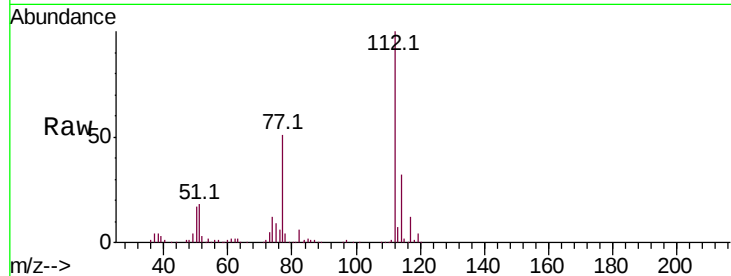




#65
Chlorobenzene
Concen: 49.276 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

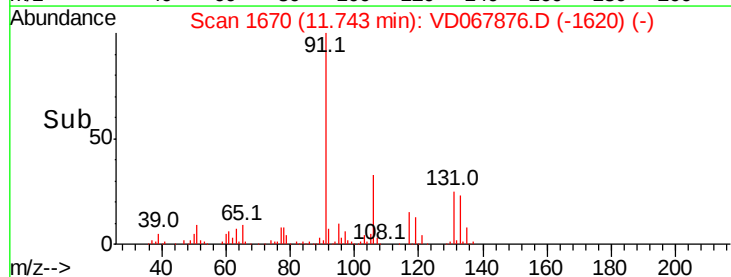
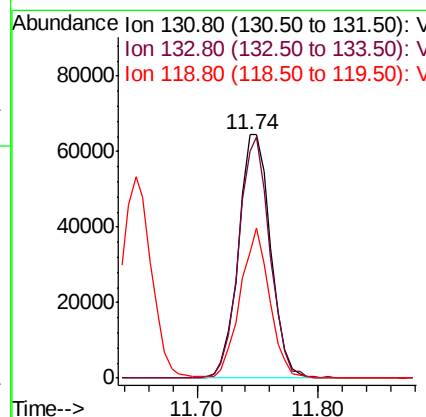
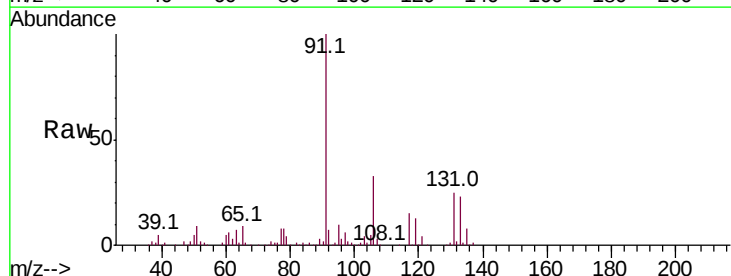
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

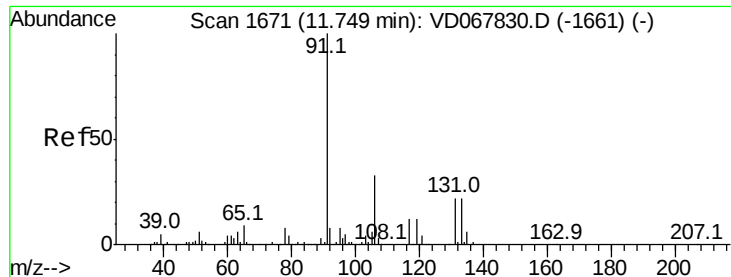
Tot Ion:112 Resp: 293626
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.213 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion:131 Resp: 119607
Ion Ratio Lower Upper
131 100
133 96.0 49.9 149.7
119 56.5 29.6 88.9





#67

Ethyl Benzene

Concen: 49.877 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

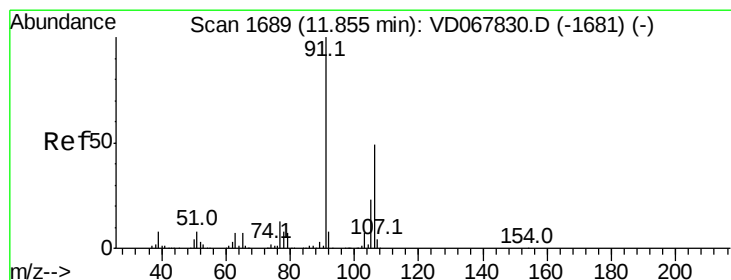
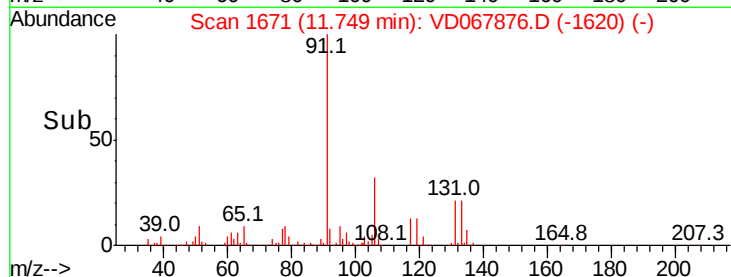
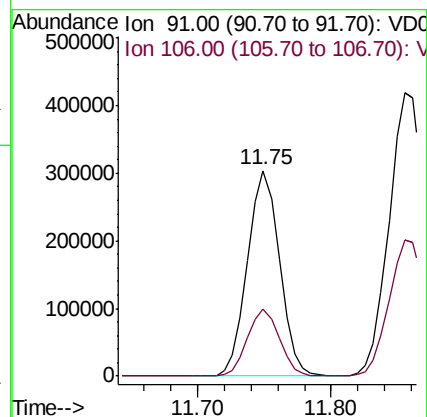
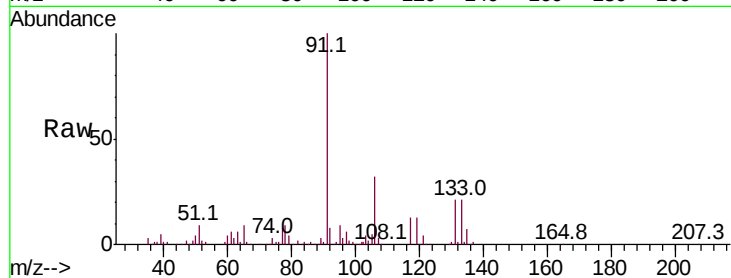
VSTDCCC050

Tot Ion: 91 Resp: 506288

Ion Ratio Lower Upper

91 100

106 32.3 26.2 39.2



#68

m/p-Xylenes

Concen: 97.463 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067876.D

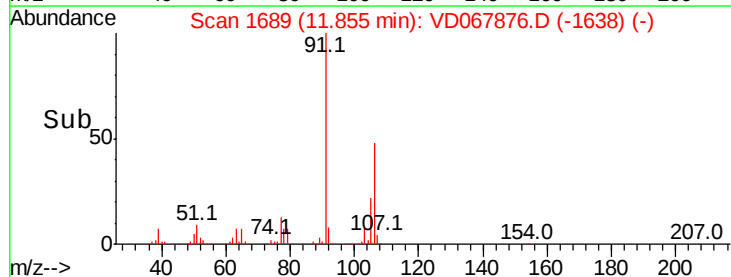
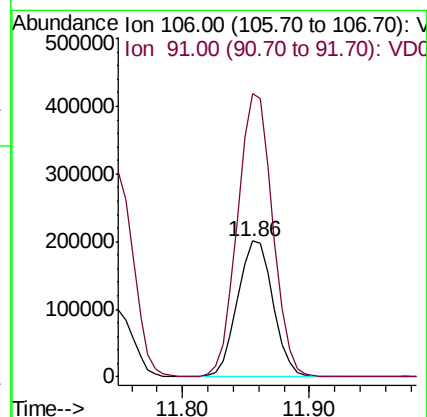
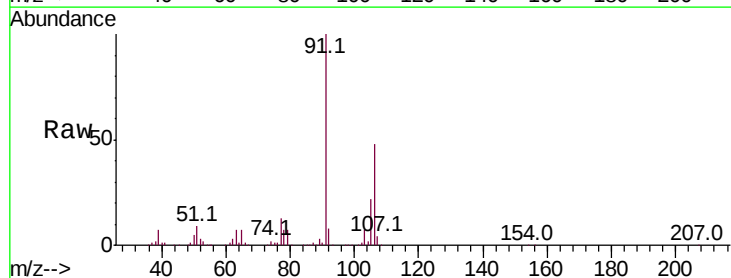
Acq: 04 Dec 2020 10:18

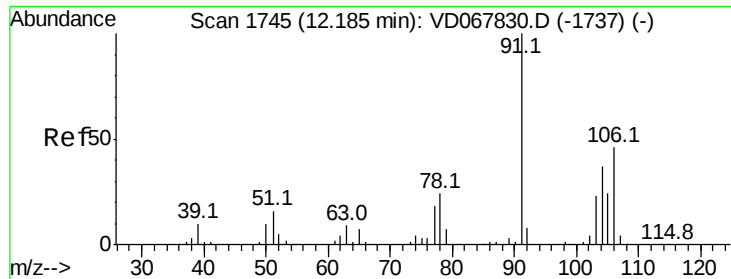
Tgt Ion: 106 Resp: 390098

Ion Ratio Lower Upper

106 100

91 206.5 162.8 244.2

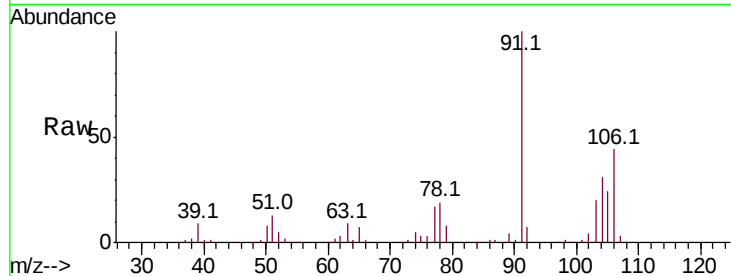




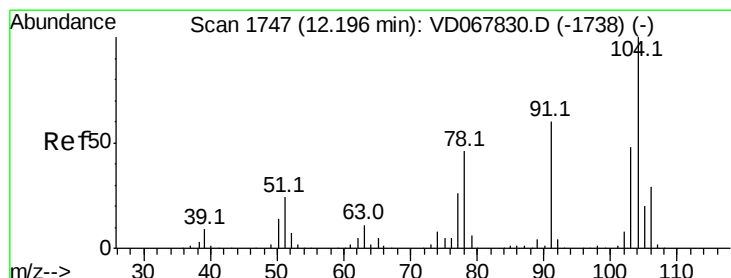
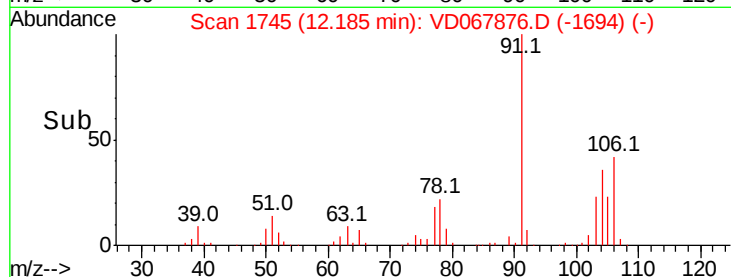
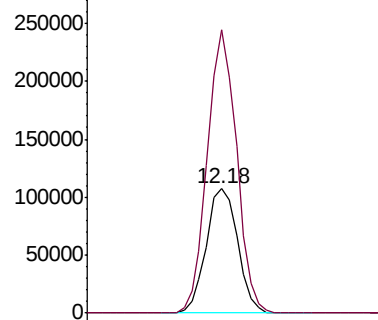
#69
o-Xylene
Concen: 52.062 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 184995
Ion Ratio Lower Upper
106 100
91 211.3 107.5 322.5

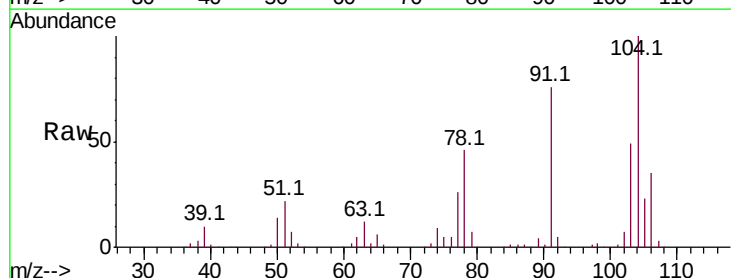


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

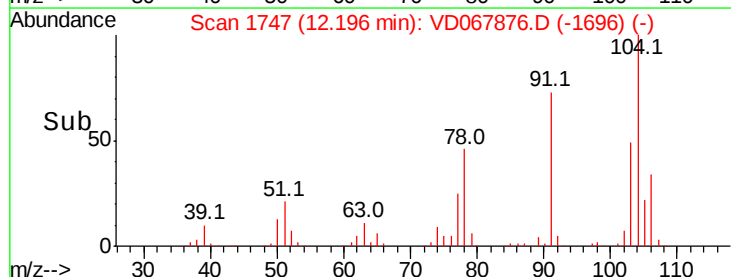
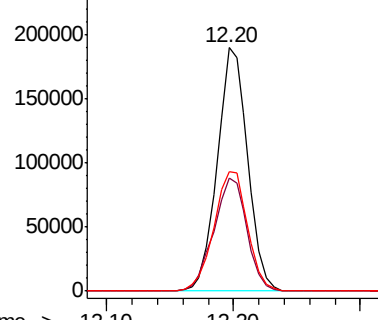


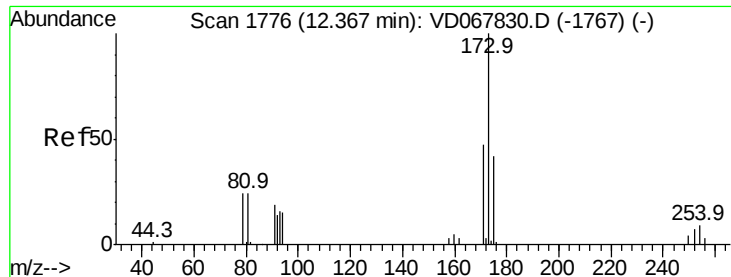
#70
Styrene
Concen: 51.029 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion:104 Resp: 315293
Ion Ratio Lower Upper
104 100
78 50.8 41.6 62.4
103 54.4 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

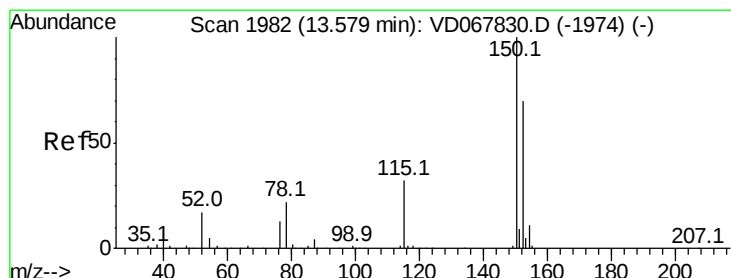
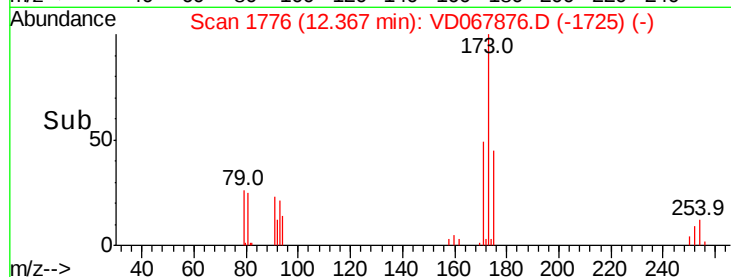
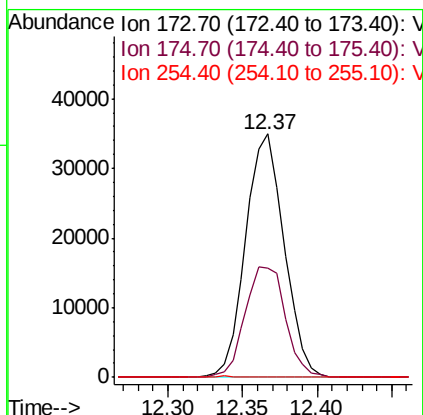
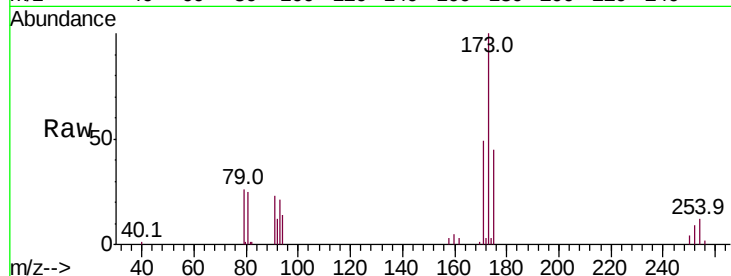




#71
Bromoform
Concen: 48.417 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

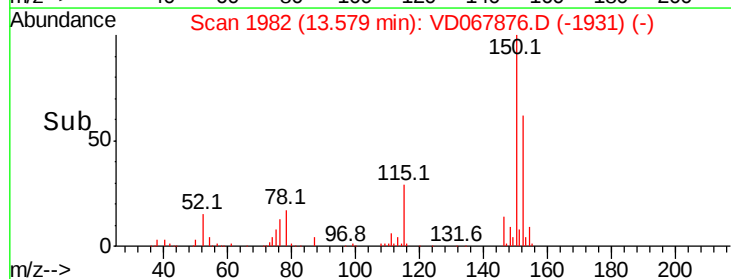
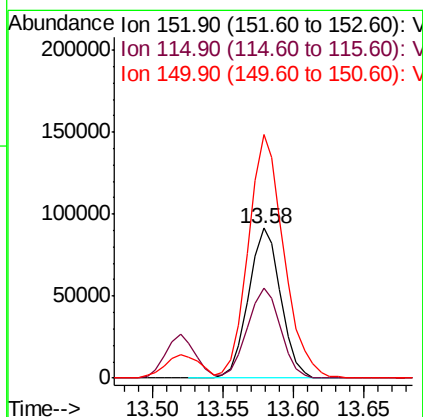
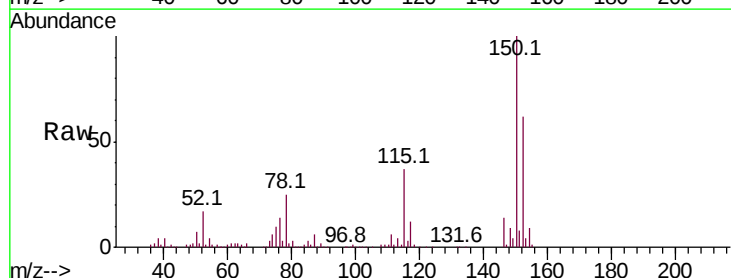
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

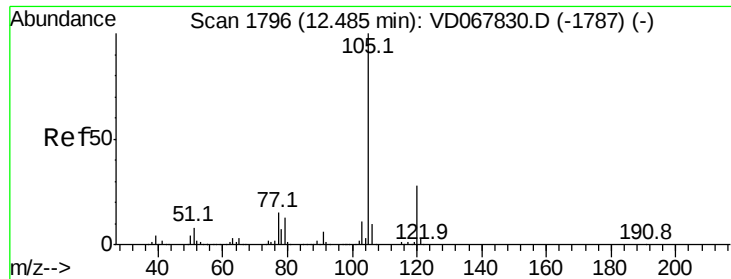
Tot Ion:173 Resp: 62288
Ion Ratio Lower Upper
173 100
175 47.5 23.4 70.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion:152 Resp: 146844
Ion Ratio Lower Upper
152 100
115 61.3 29.1 87.4
150 178.1 0.0 339.0





#73

Isopropylbenzene

Concen: 51.338 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

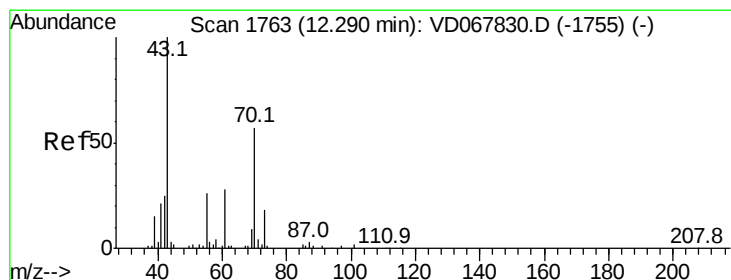
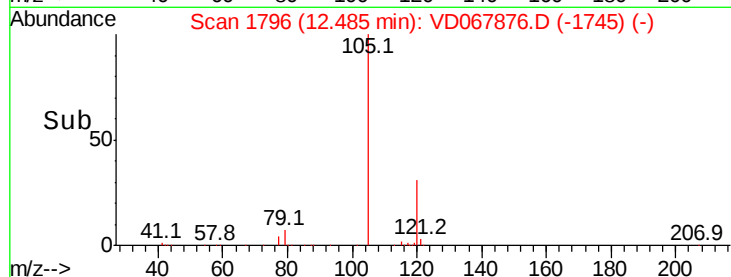
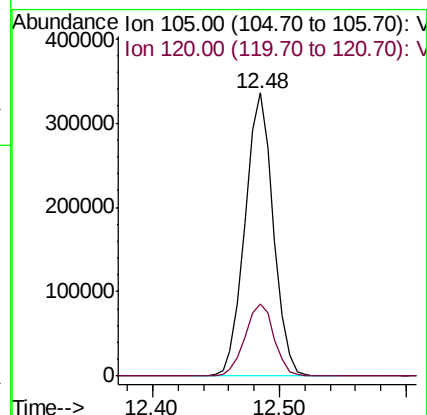
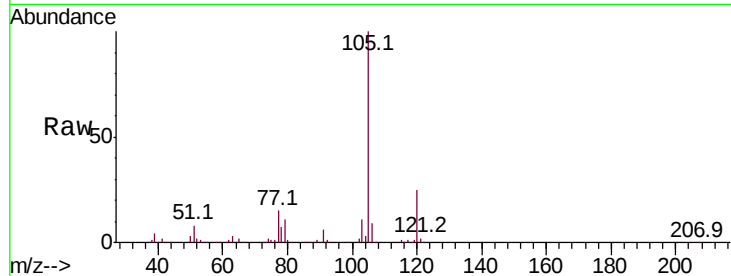
VSTDCCC050

Tot Ion:105 Resp: 518433

Ion Ratio Lower Upper

105 100

120 26.3 13.9 41.6



#74

N-ethyl acetate

Concen: 47.310 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Tgt Ion: 43 Resp: 59097

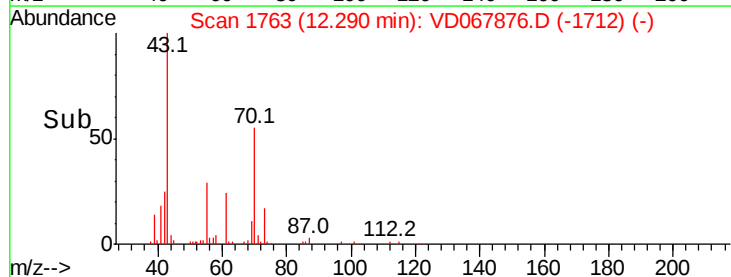
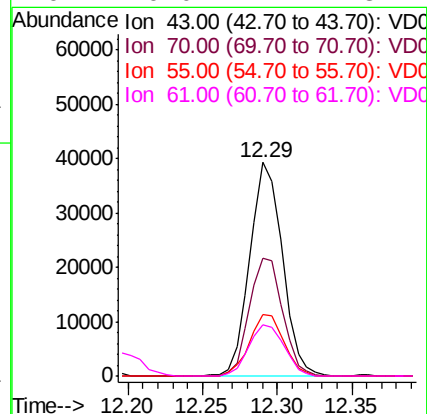
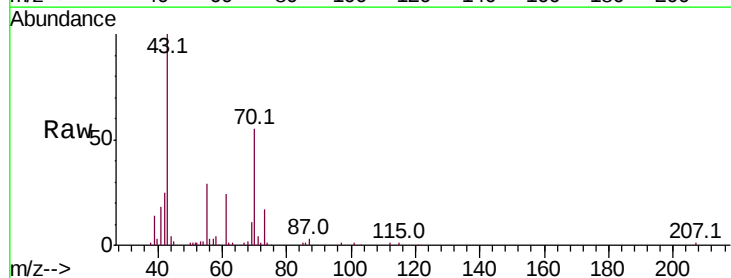
Ion Ratio Lower Upper

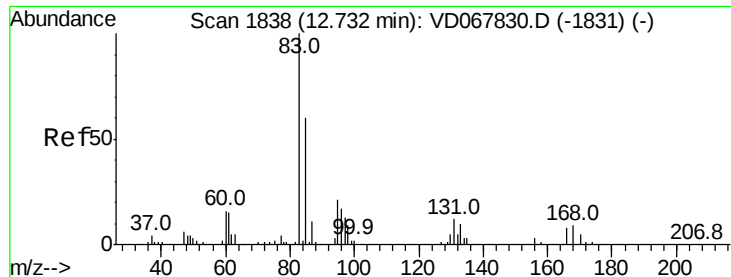
43 100

70 56.2 44.6 66.8

55 30.6 22.2 33.2

61 26.0 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 44.125 ug/l

RT: 12.73 min Scan# 1838

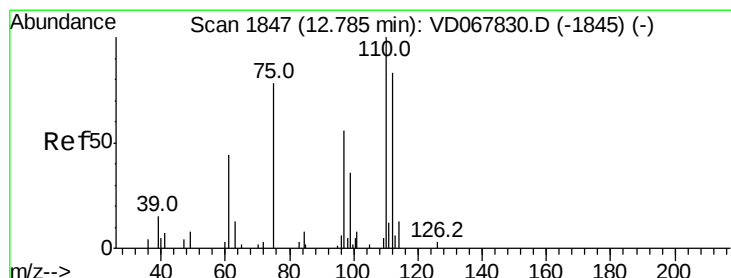
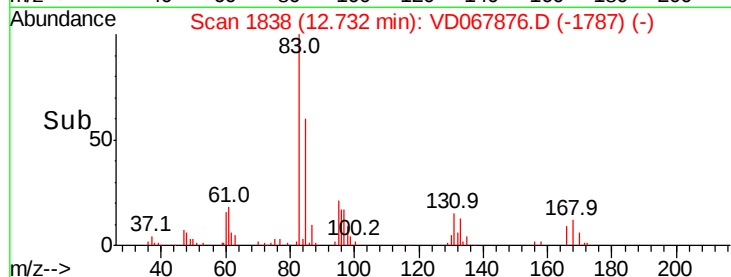
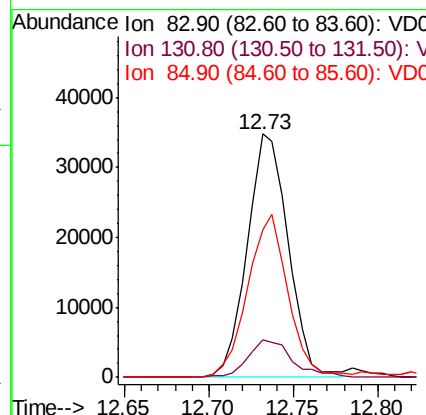
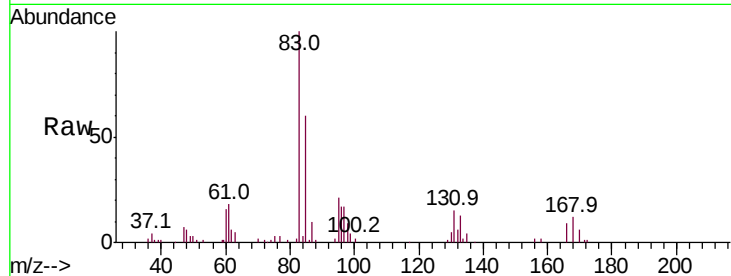
Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	58829
Ion Ratio	100	Lower	Upper
131	16.6	8.0	24.0
85	65.9	31.7	95.1



#76

1,2,3-Trichloropropane

Concen: 85.269 ug/l

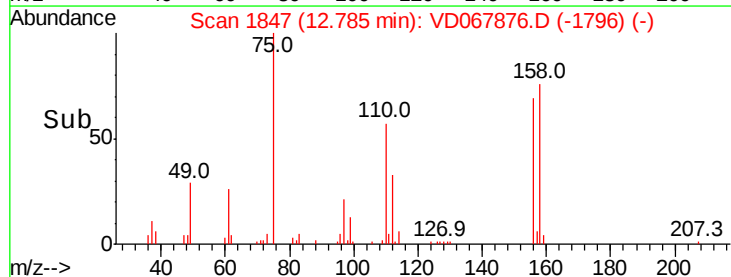
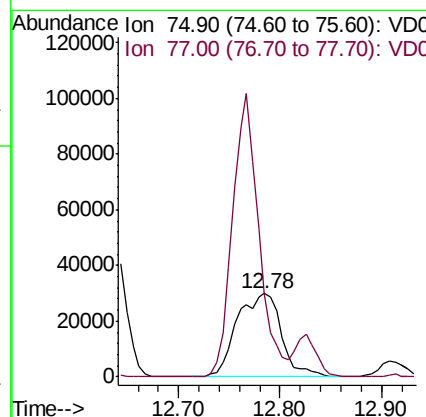
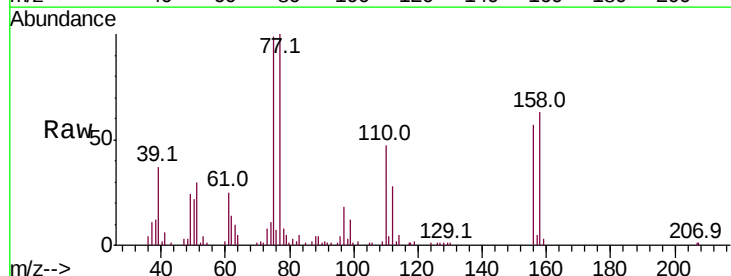
RT: 12.78 min Scan# 1847

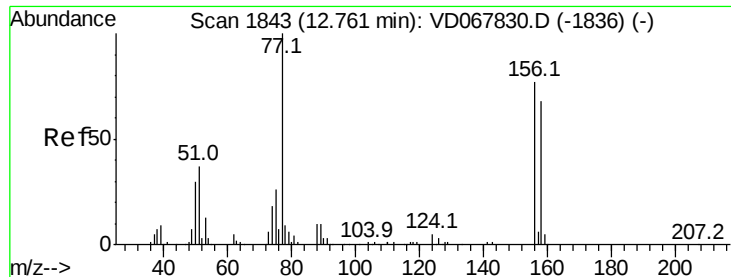
Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Tgt Ion	75	Resp	91183
Ion Ratio	100	Lower	Upper
77	201.9	175.9	527.7





#77

Bromobenzene

Concen: 49.713 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

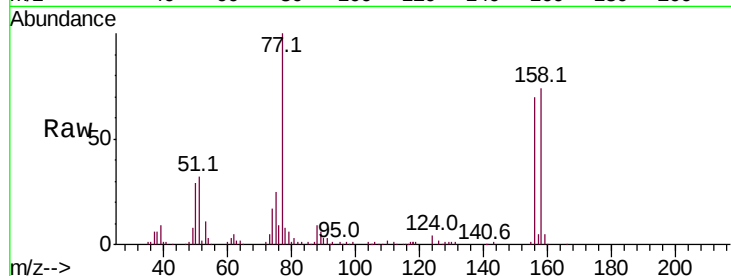
Tot Ion:156 Resp: 124807

Ion Ratio Lower Upper

156 100

77 147.5 71.5 214.5

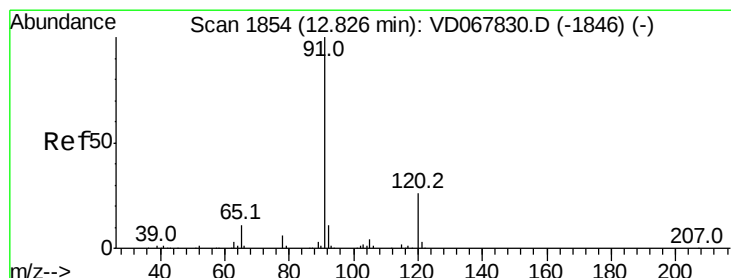
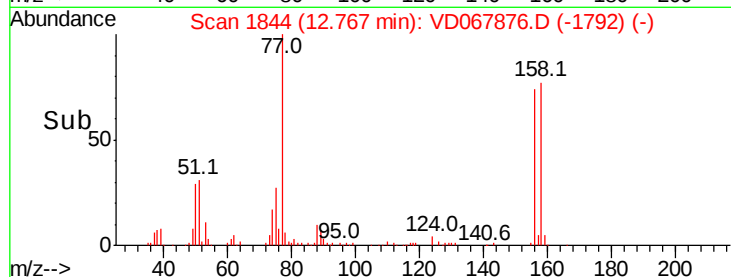
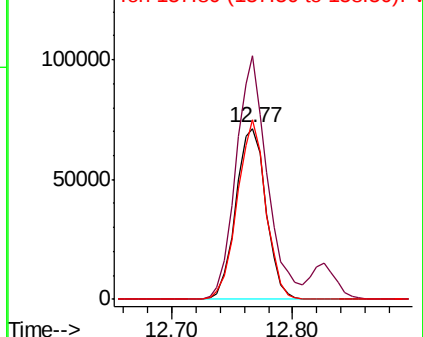
158 98.7 47.1 141.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.962 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067876.D

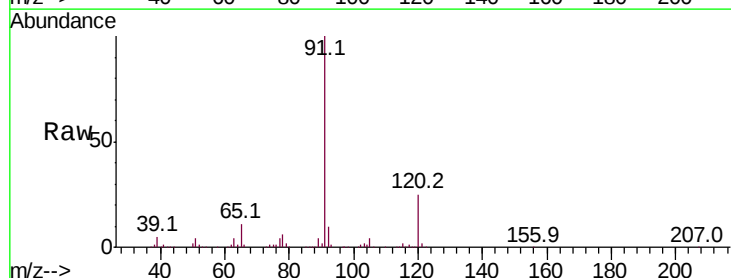
Acq: 04 Dec 2020 10:18

Tgt Ion: 91 Resp: 559199

Ion Ratio Lower Upper

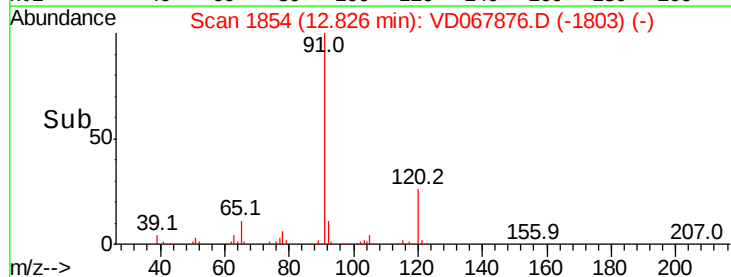
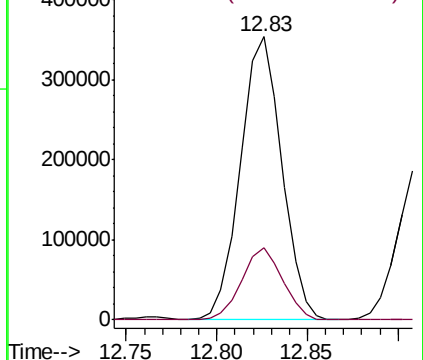
91 100

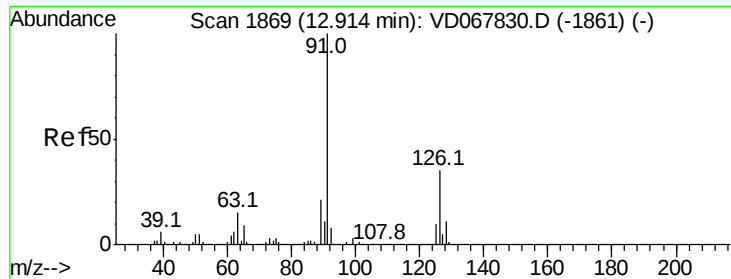
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

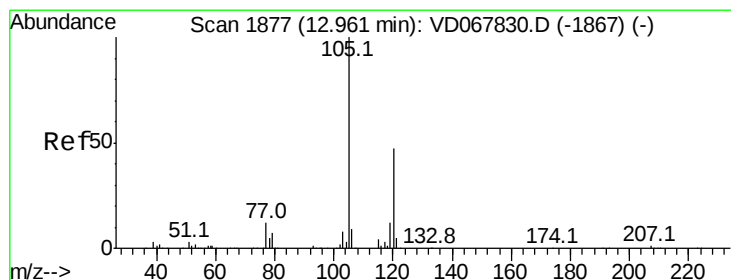
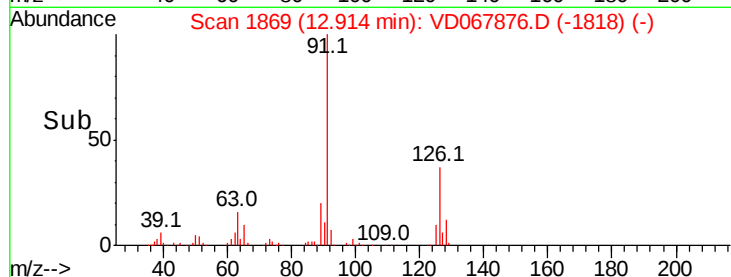
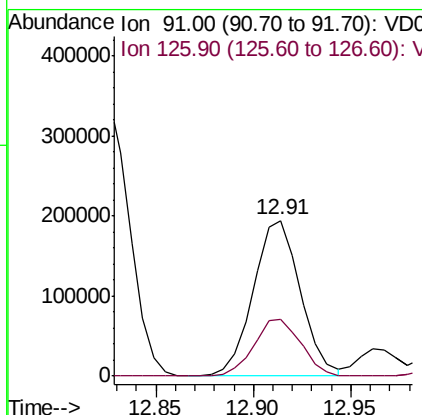
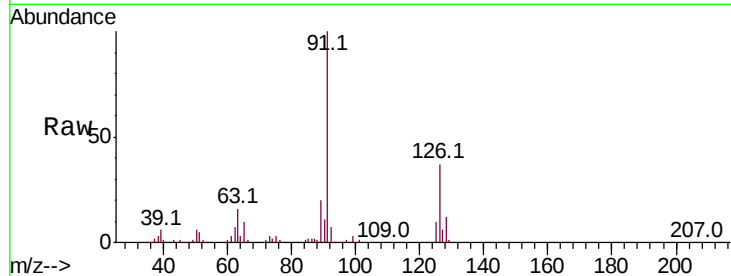




#79
2-Chlorotoluene
Concen: 49.262 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

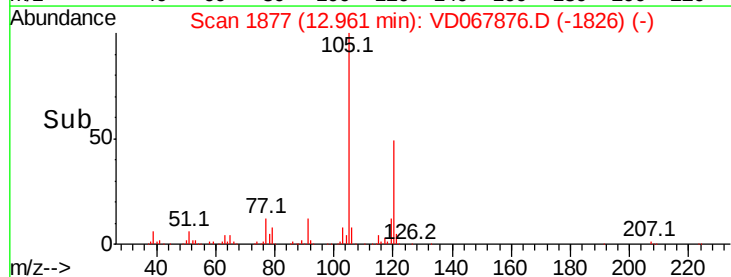
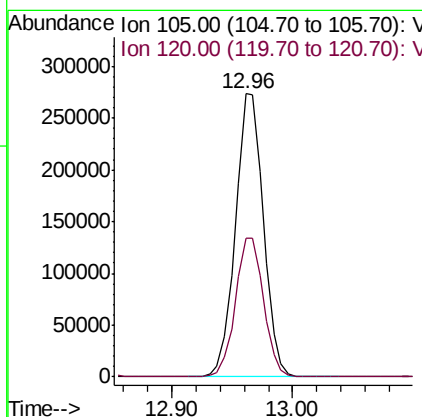
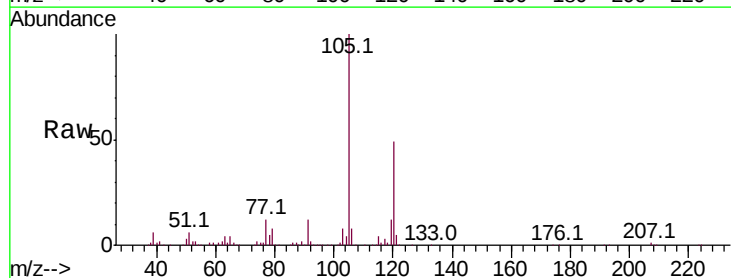
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

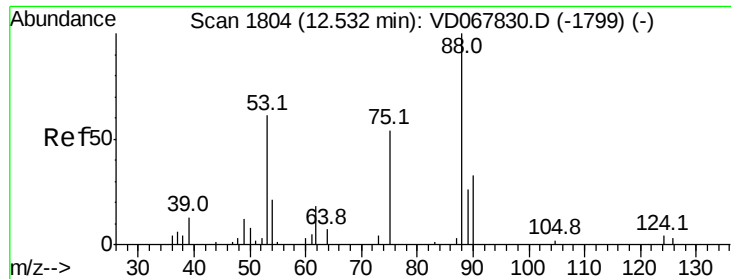
Tot Ion: 91 Resp: 324370
Ion Ratio Lower Upper
91 100
126 36.8 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 50.480 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion:105 Resp: 441358
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 42.522 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

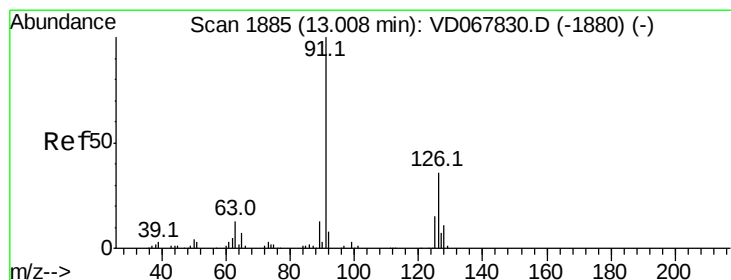
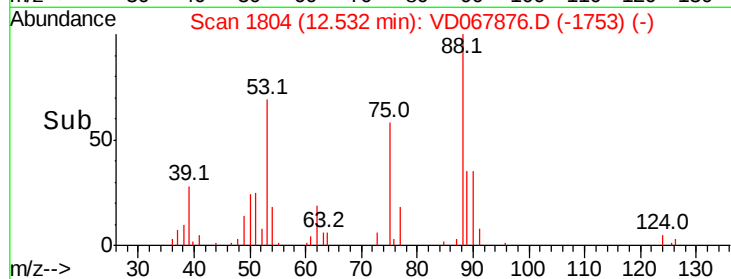
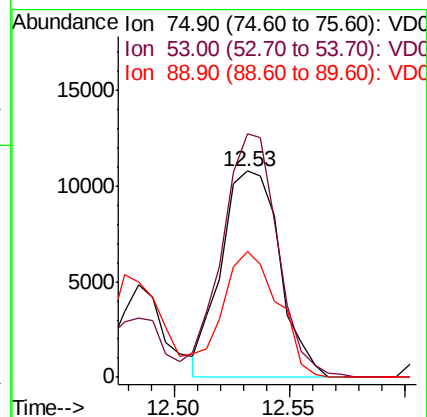
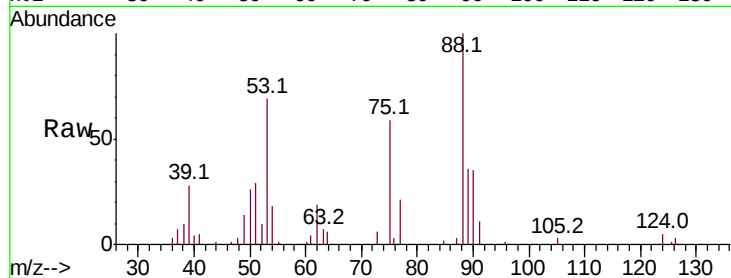
Tot Ion: 75 Resp: 19009

Ion Ratio Lower Upper

75 100

53 113.0 84.6 127.0

89 57.9 41.0 61.6



#82

4-Chlorotoluene

Concen: 50.489 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067876.D

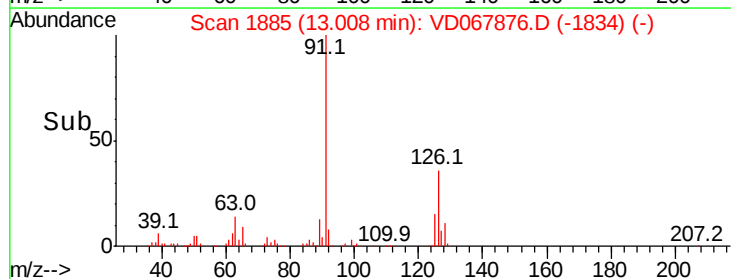
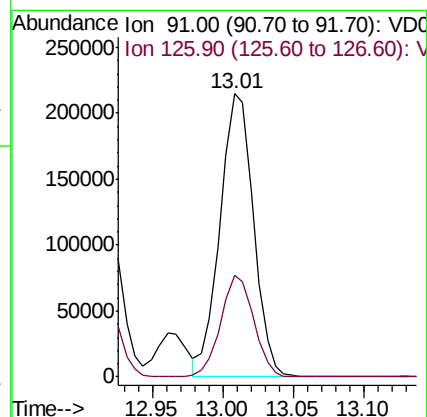
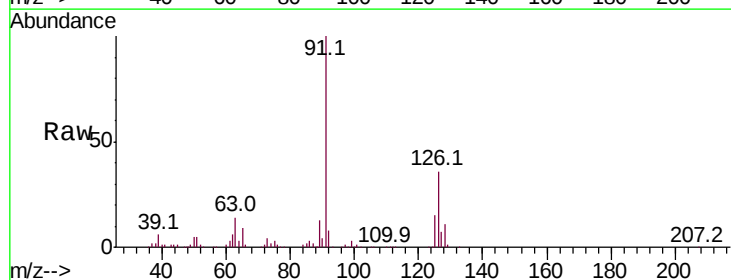
Acq: 04 Dec 2020 10:18

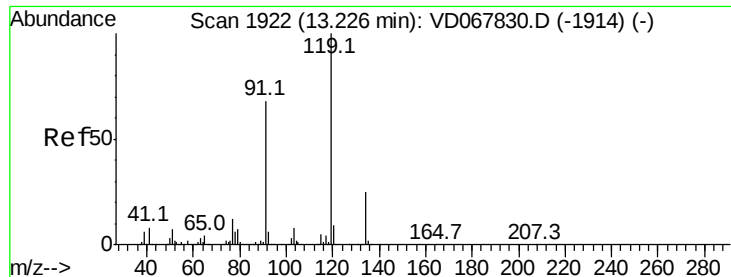
Tgt Ion: 91 Resp: 354630

Ion Ratio Lower Upper

91 100

126 35.3 18.1 54.4





#83

tert-Butylbenzene

Concen: 51.238 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

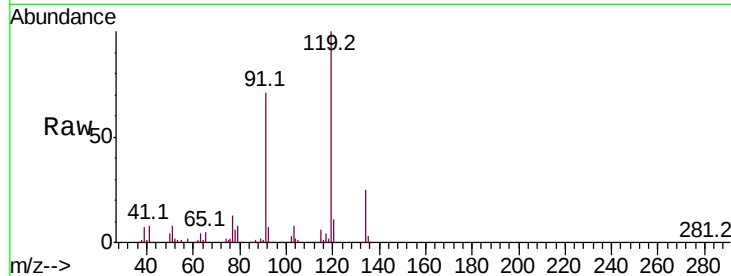
Tot Ion:119 Resp: 381224

Ion Ratio Lower Upper

119 100

91 67.6 33.1 99.3

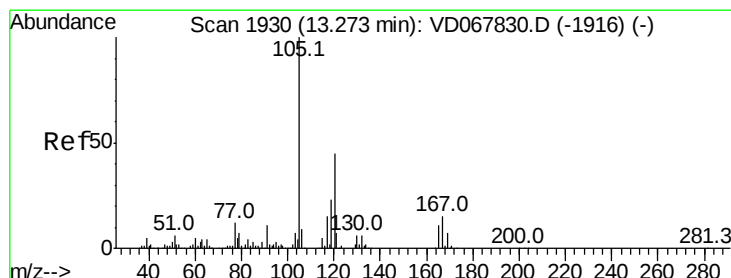
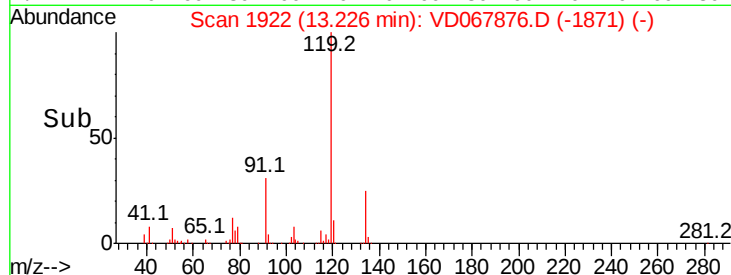
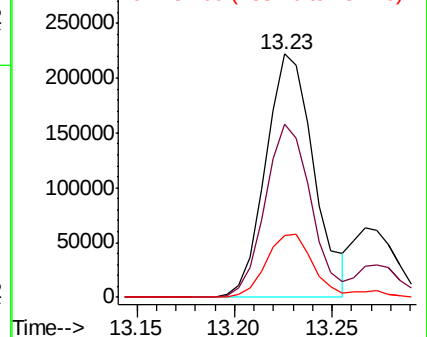
134 25.3 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.770 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD067876.D

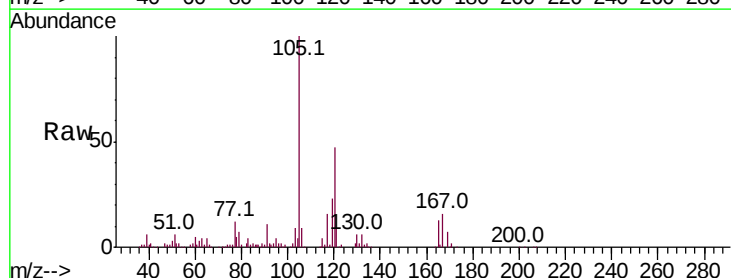
Acq: 04 Dec 2020 10:18

Tgt Ion:105 Resp: 432717

Ion Ratio Lower Upper

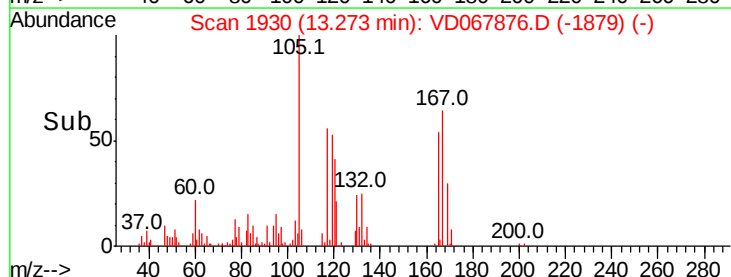
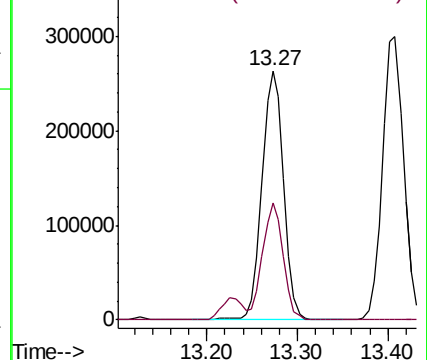
105 100

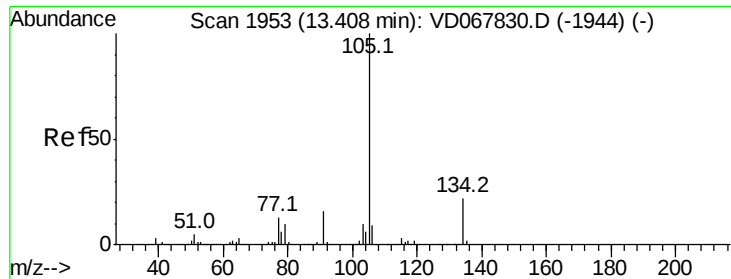
120 45.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.654 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

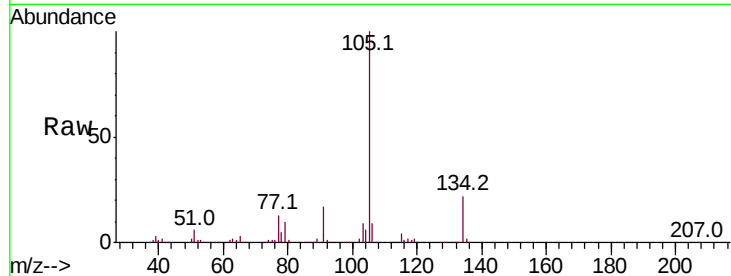
VSTDCCC050

Tot Ion:105 Resp: 483154

Ion Ratio Lower Upper

105 100

134 22.0 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

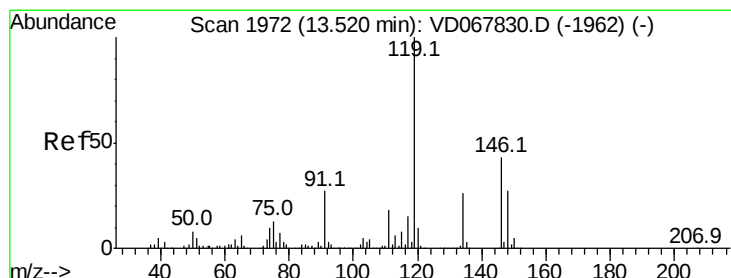
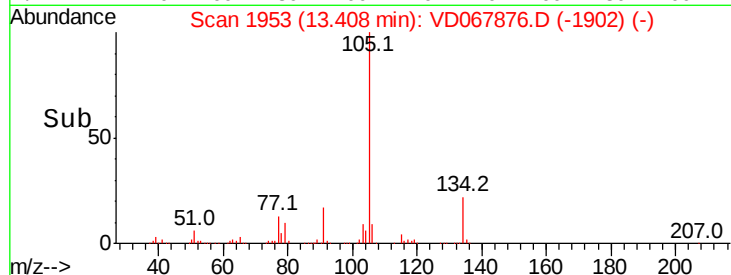
200000

100000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 48.710 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

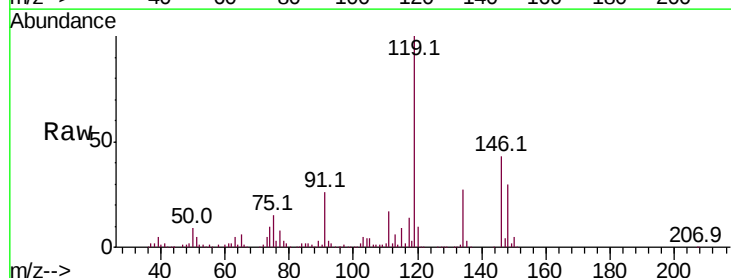
Tgt Ion:119 Resp: 474067

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 25.6 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

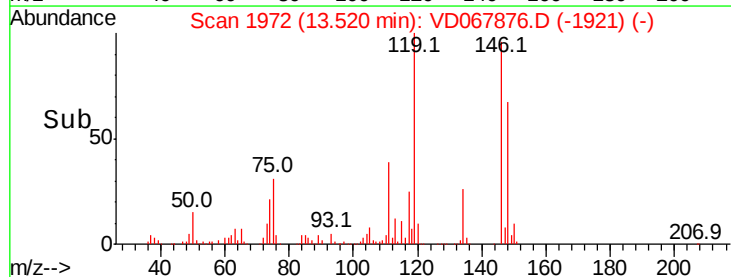
200000

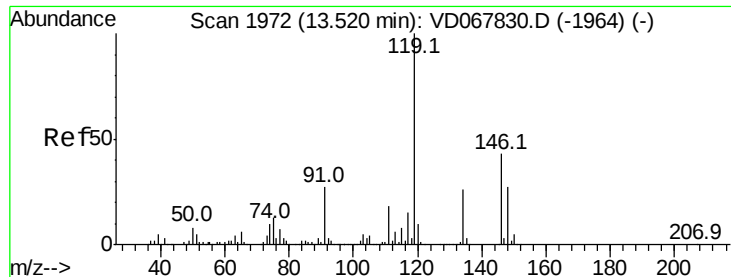
100000

0

13.40 13.50 13.60

Time-->

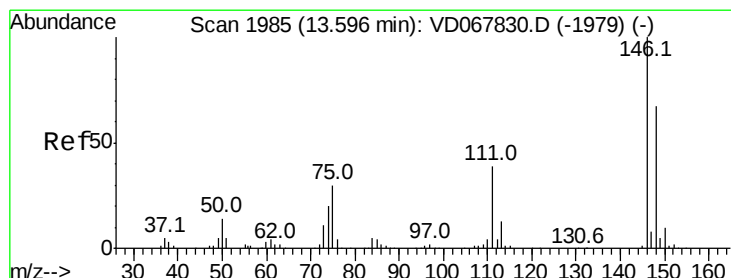
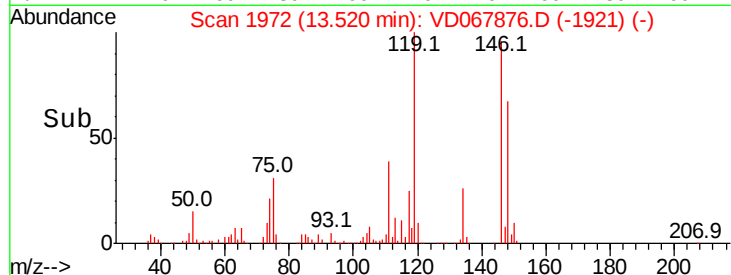
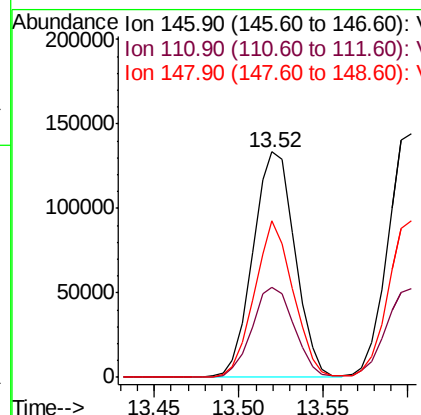
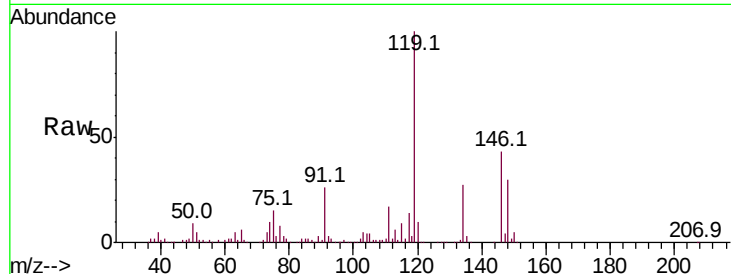




#87
 1,3-Dichlorobenzene
 Concen: 47.669 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

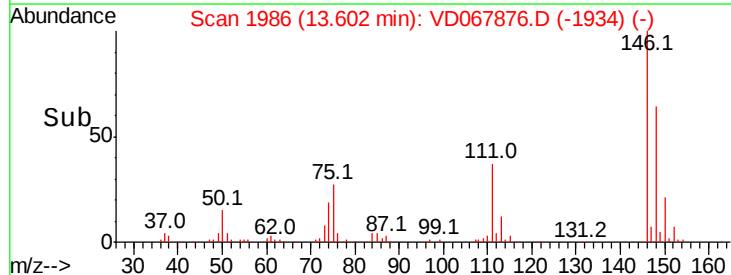
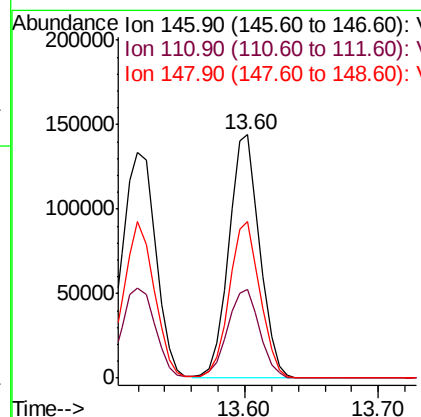
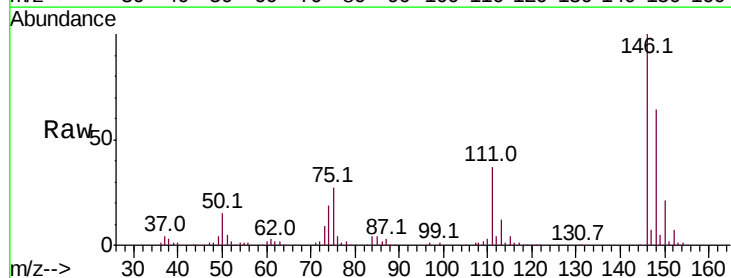
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

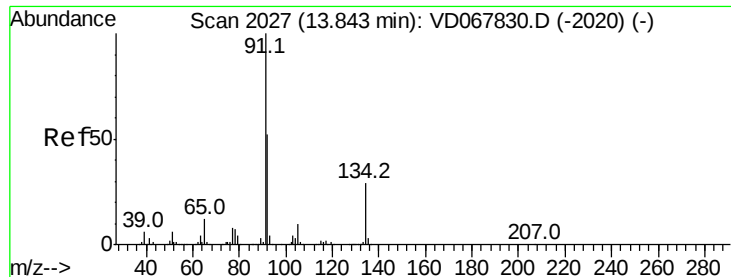
Tot Ion:146 Resp: 230852
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.8 62.2
 148 63.9 32.9 98.6



#88
 1,4-Dichlorobenzene
 Concen: 48.253 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion:146 Resp: 233782
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.9 59.6
 148 64.4 32.4 97.2

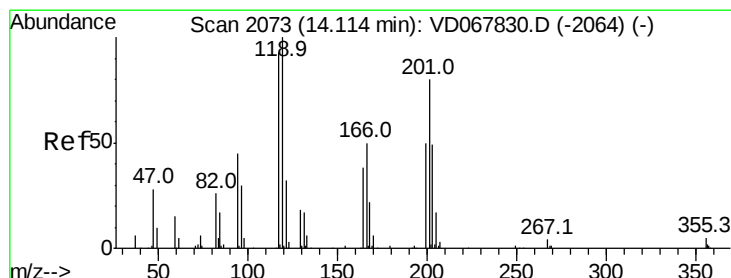
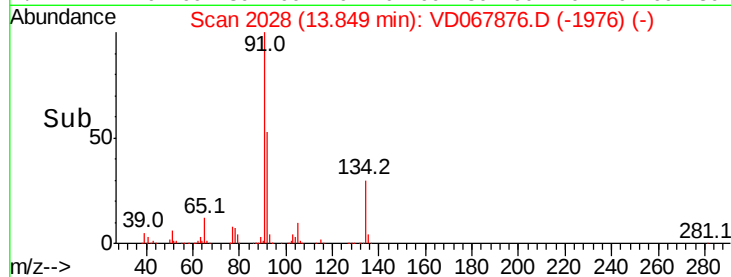
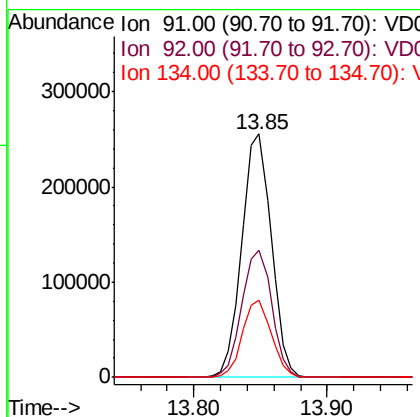
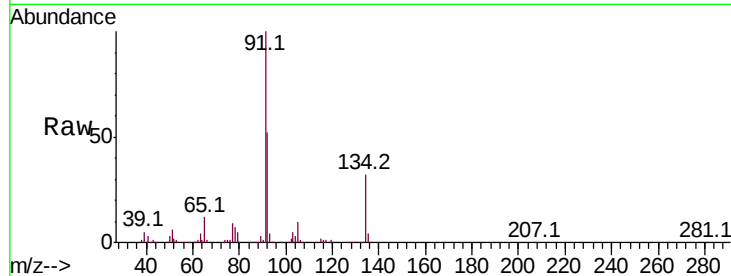




#89
n-Butylbenzene
Concen: 48.292 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

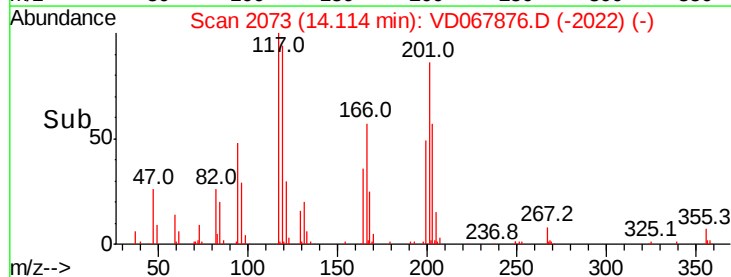
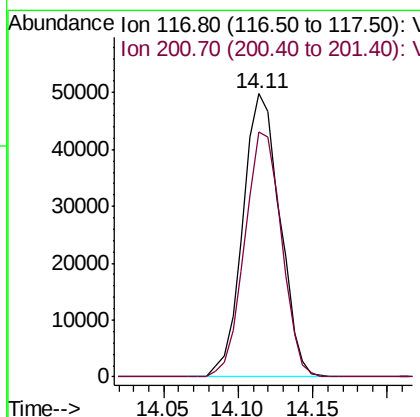
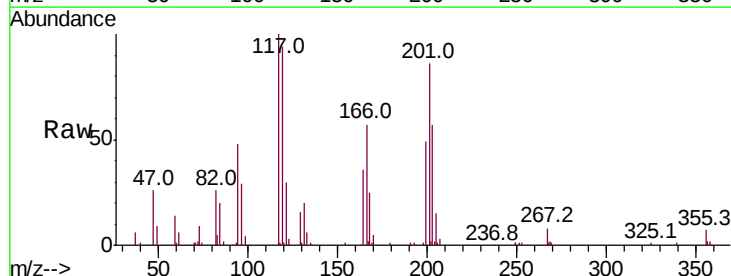
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

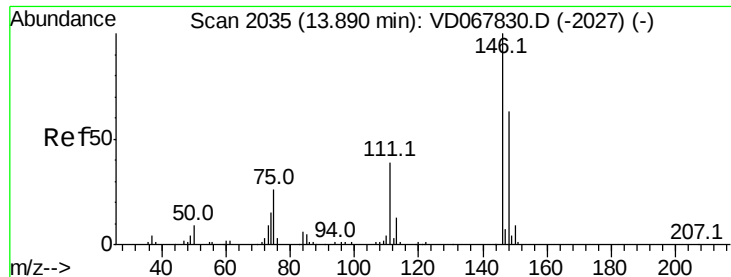
Tot Ion: 91 Resp: 390473
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.8
134 31.2 14.8 44.3



#90
Hexachloroethane
Concen: 47.697 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion: 117 Resp: 85703
Ion Ratio Lower Upper
117 100
201 85.7 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 48.011 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

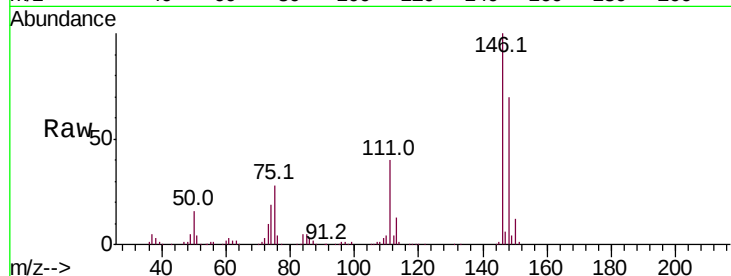
Tot Ion:146 Resp: 201658

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.2

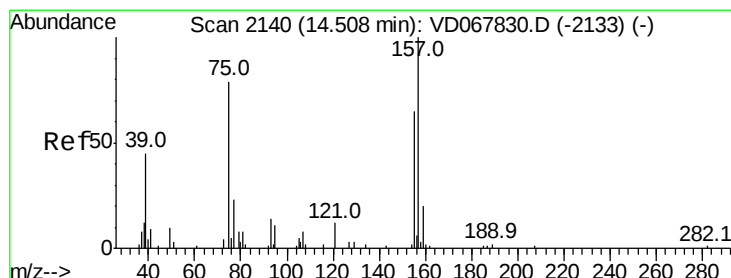
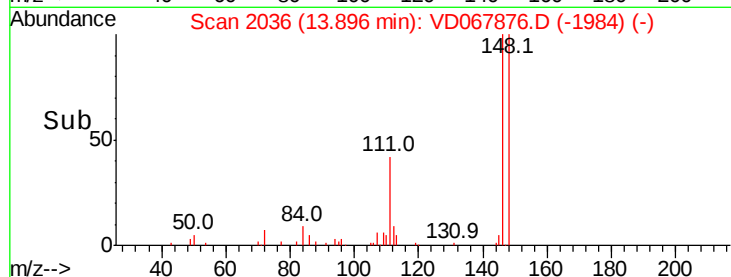
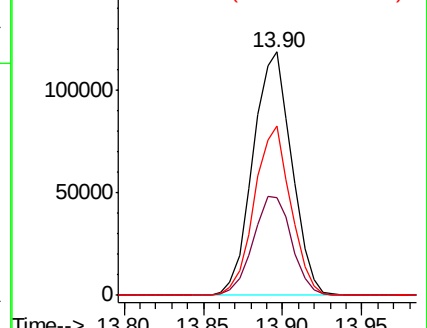
148 65.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.353 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

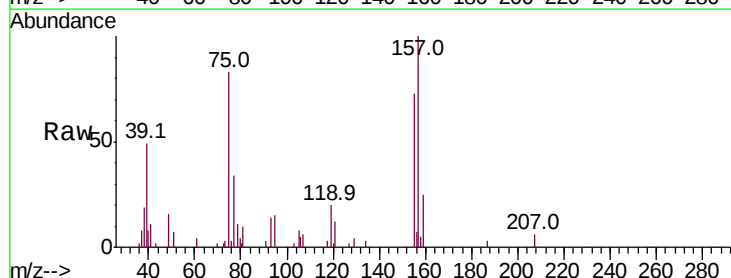
Tgt Ion: 75 Resp: 12341

Ion Ratio Lower Upper

75 100

155 93.1 44.1 132.4

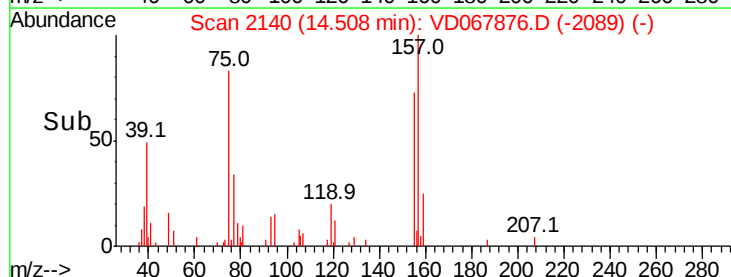
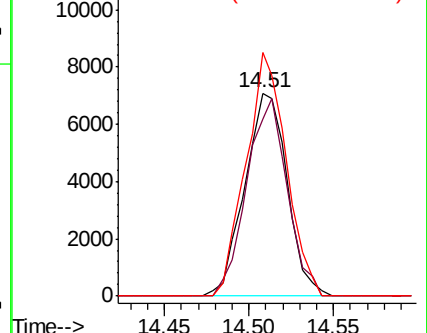
157 114.6 62.4 187.2

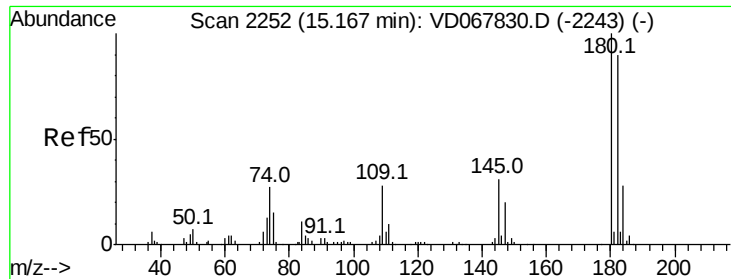


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

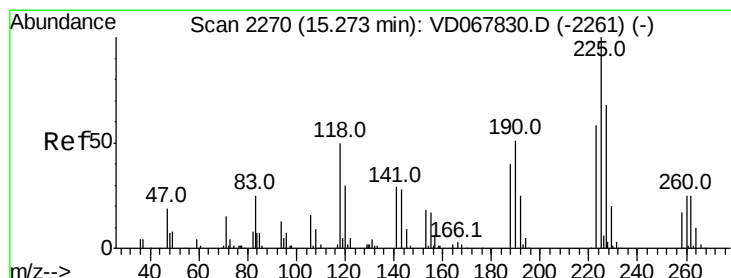
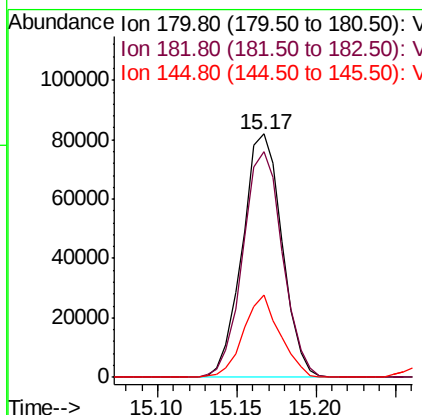
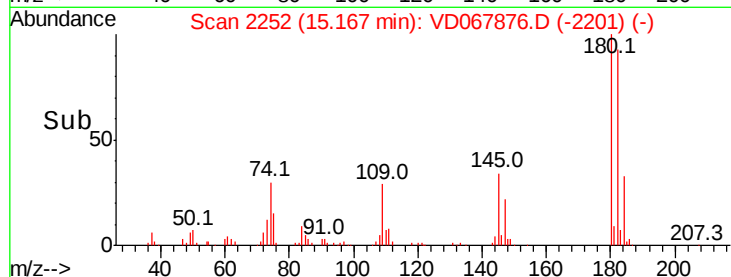
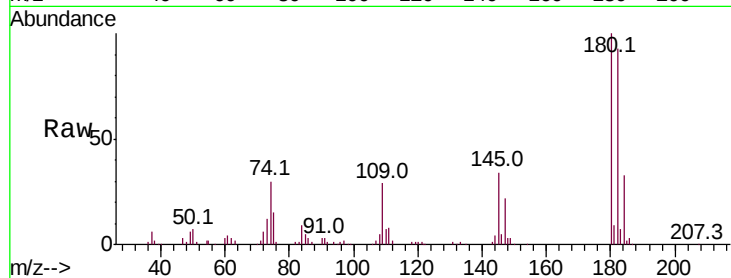




#93
 1,2,4-Trichlorobenzene
 Concen: 48.509 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

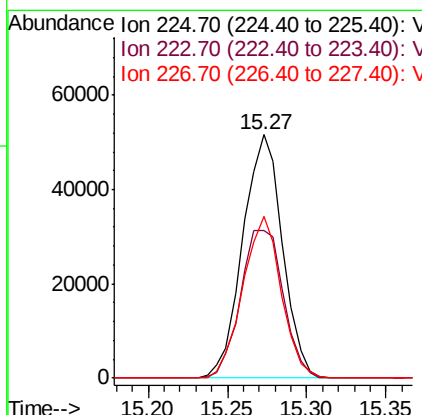
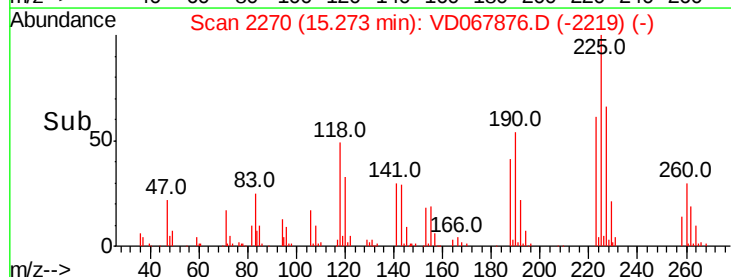
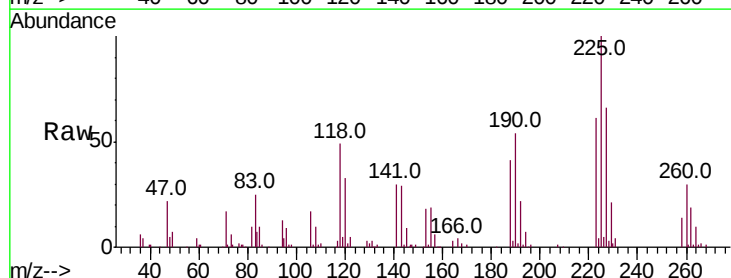
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

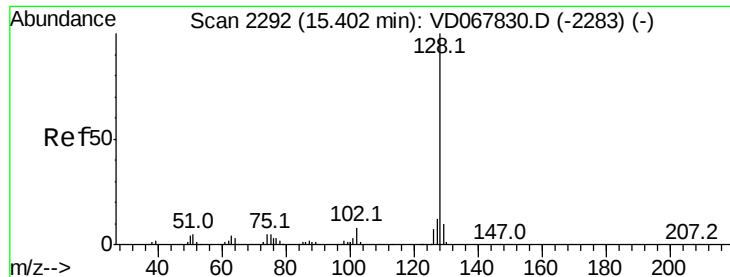
Tot Ion:180 Resp: 142520
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.5 142.6
 145 31.0 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 46.820 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067876.D
 Acq: 04 Dec 2020 10:18

Tgt Ion:225 Resp: 89760
 Ion Ratio Lower Upper
 225 100
 223 66.0 31.1 93.3
 227 64.4 33.1 99.3

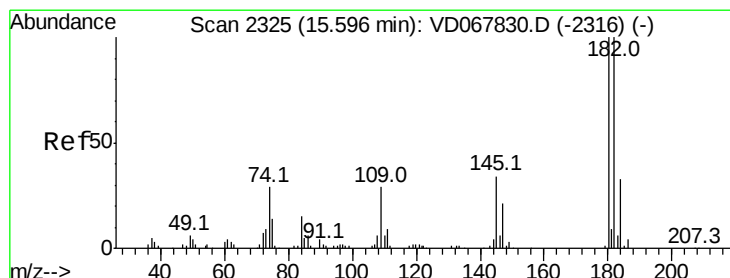
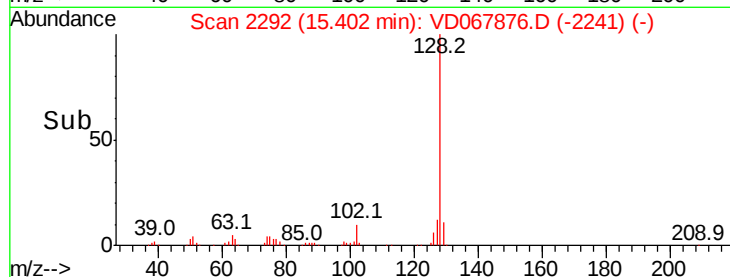
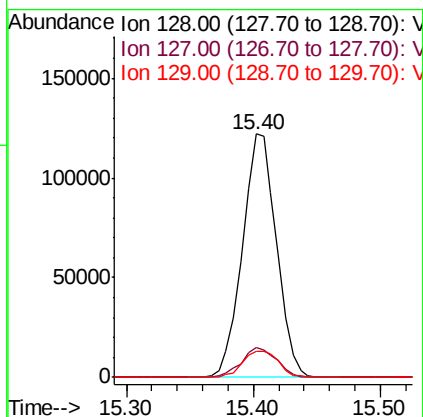
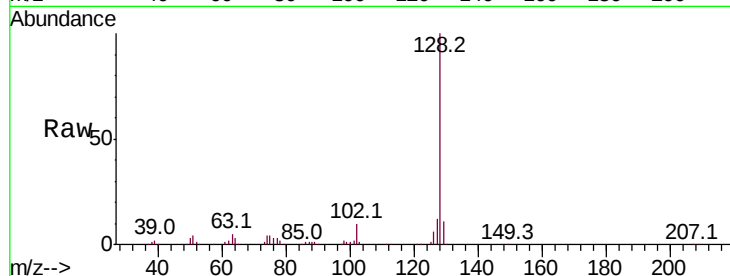




#95
Naphthalene
Concen: 47.465 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 226919
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 48.542 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD067876.D
Acq: 04 Dec 2020 10:18

Tgt Ion:180 Resp: 123163
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 32.8 16.8 50.4

