

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067337.D
 Acq On : 21 Oct 2020 10:07
 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: Oct 22 00:18:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	319698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	456422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	217689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	157560	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.92	113	163686	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.34	98	594654	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
62) 4-Bromofluorobenzene	12.64	95	202208	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	118702	45.897	ug/l	98
3) Chloromethane	2.21	50	85747	42.617	ug/l	98
4) Vinyl Chloride	2.35	62	97311	44.080	ug/l	93
5) Bromomethane	2.77	94	76445	49.750	ug/l	98
6) Chloroethane	2.92	64	62426	45.406	ug/l	94
7) Trichlorofluoromethane	3.27	101	256453	46.133	ug/l	99
8) Diethyl Ether	3.71	74	55524	43.650	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	136674	46.276	ug/l	98
10) Methyl Iodide	4.30	142	132426	48.607	ug/l	98
11) Tert butyl alcohol	5.21	59	32631	183.902	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	121842	46.178	ug/l	97
13) Acrolein	3.92	56	45909	240.711	ug/l	100
14) Allyl chloride	4.71	41	136211	45.079	ug/l	99
15) Acrylonitrile	5.42	53	96928	228.365	ug/l	100
16) Acetone	4.16	43	105298	234.744	ug/l	99
17) Carbon Disulfide	4.41	76	323196	42.967	ug/l	99
18) Methyl Acetate	4.71	43	45386	44.360	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	241663	46.062	ug/l	99
20) Methylene Chloride	4.97	84	134061	46.328	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	138860	45.732	ug/l	96
22) Diisopropyl ether	6.36	45	265615	48.121	ug/l	96
23) Vinyl Acetate	6.31	43	771232	245.592	ug/l	99
24) 1,1-Dichloroethane	6.26	63	221487	46.876	ug/l	98
25) 2-Butanone	7.21	43	115637	226.154	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	236567	48.575	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	156866	47.139	ug/l	98
28) Bromochloromethane	7.55	49	80687	50.066	ug/l #	97
29) Tetrahydrofuran	7.56	42	67207	236.451	ug/l	97
30) Chloroform	7.71	83	271846	48.162	ug/l	98
31) Cyclohexane	7.98	56	166670	45.180	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	270804	48.898	ug/l	100
36) 1,1-Dichloropropene	8.11	75	193216	49.946	ug/l	99
37) Ethyl Acetate	7.30	43	57514	50.532	ug/l #	91
38) Carbon Tetrachloride	8.10	117	254814	51.537	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	201556	49.838	ug/l	96
40) Benzene	8.36	78	526546	49.614	ug/l	97
41) Methacrylonitrile	7.57	41	76329	124.101	ug/l #	8
42) 1,2-Dichloroethane	8.43	62	162675	48.980	ug/l	99
43) Isopropyl Acetate	8.46	43	111762	49.486	ug/l	99
44) Trichloroethene	9.11	130	168561	49.607	ug/l	95
45) 1,2-Dichloropropane	9.39	63	119574	48.615	ug/l	100
46) Dibromomethane	9.48	93	74596	48.678	ug/l	98
47) Bromodichloromethane	9.66	83	205869	50.141	ug/l	99
48) Methyl methacrylate	9.46	41	54987	50.101	ug/l	97
49) 1,4-Dioxane	9.46	88	14237	958.763	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	283055	251.283	ug/l	97
52) Toluene	10.41	92	370443	51.249	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	185910	51.545	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	213801	50.652	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	103891	49.716	ug/l	96
56) Ethyl methacrylate	10.66	69	108437	50.034	ug/l	97
57) 1,3-Dichloropropane	10.95	76	164017	49.319	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	296221	266.435	ug/l	99
59) 2-Hexanone	10.98	43	203263	264.070	ug/l	99
60) Dibromochloromethane	11.14	129	150583	49.411	ug/l	96
61) 1,2-Dibromoethane	11.25	107	101431	49.235	ug/l	100
64) Tetrachloroethene	10.88	164	149287	48.117	ug/l	96
65) Chlorobenzene	11.67	112	398923	48.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	164307	50.344	ug/l	98
67) Ethyl Benzene	11.75	91	708640	50.343	ug/l	100
68) m/p-Xylenes	11.86	106	554549	102.305	ug/l	97
69) o-Xylene	12.18	106	251190	50.043	ug/l	95
70) Styrene	12.20	104	439311	50.842	ug/l	99
71) Bromoform	12.37	173	86605	49.395	ug/l #	100
73) Isopropylbenzene	12.48	105	719357	52.067	ug/l	100
74) N-amyl acetate	12.29	43	101103	48.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	102307	48.328	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	141234	93.607	ug/l #	100
77) Bromobenzene	12.76	156	171637	49.830	ug/l	98
78) n-propylbenzene	12.83	91	818731	51.146	ug/l	99
79) 2-Chlorotoluene	12.91	91	468247	50.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	619323	51.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	33030	49.644	ug/l	98
82) 4-Chlorotoluene	13.01	91	497221	50.466	ug/l	99
83) tert-Butylbenzene	13.23	119	533353	52.590	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	610151	51.418	ug/l	99
85) sec-Butylbenzene	13.41	105	717290	51.545	ug/l	100
86) p-Isopropyltoluene	13.52	119	675970	51.464	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	327465	49.393	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	321510	48.947	ug/l	100
89) n-Butylbenzene	13.85	91	600687	51.984	ug/l	99
90) Hexachloroethane	14.11	117	112828	49.225	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	280833	48.489	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17593	45.745	ug/l	95

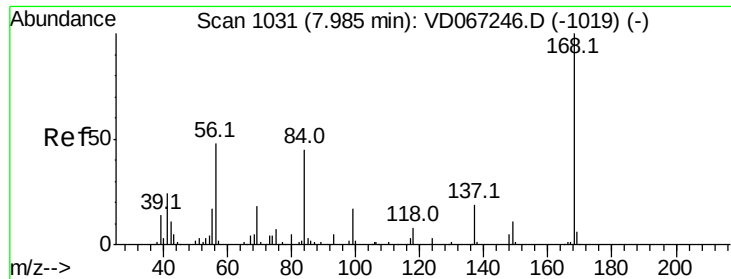
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	199611	51.118	ug/l	98
94) Hexachlorobutadiene	15.27	225	126419	52.133	ug/l	98
95) Naphthalene	15.41	128	320826	50.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	169771	50.325	ug/l	98

(#) = 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: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

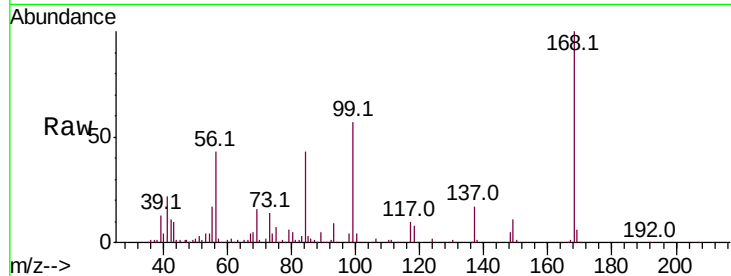
VSTDCCC050

Tot Ion:168 Resp: 319698

Ion Ratio Lower Upper

168 100

99 56.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

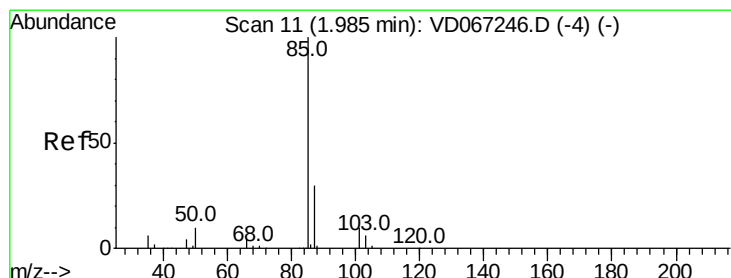
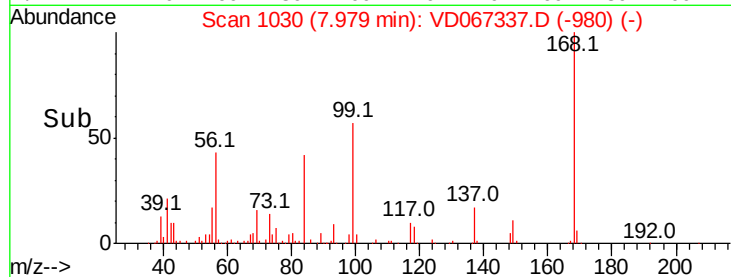
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.897 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067337.D

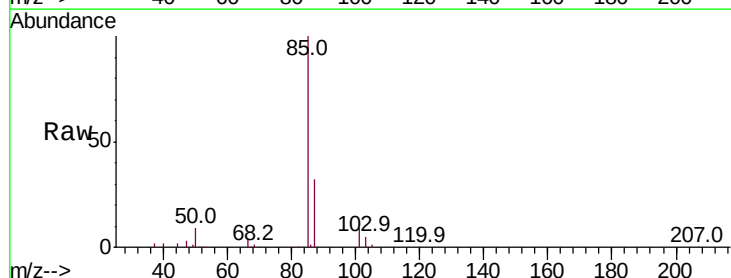
Acq: 21 Oct 2020 10:07

Tgt Ion: 85 Resp: 118702

Ion Ratio Lower Upper

85 100

87 31.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

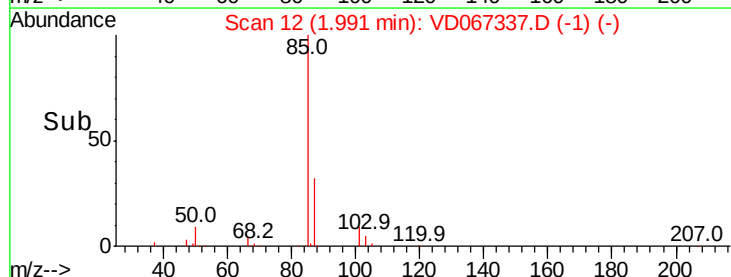
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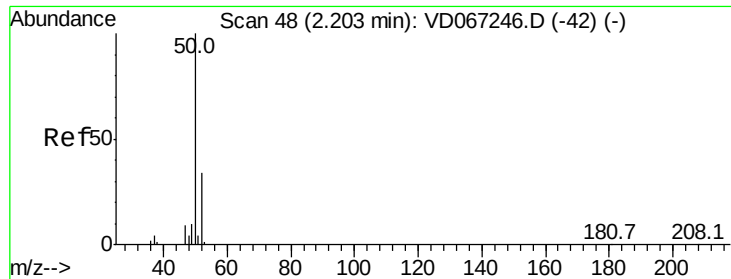
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 42.617 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

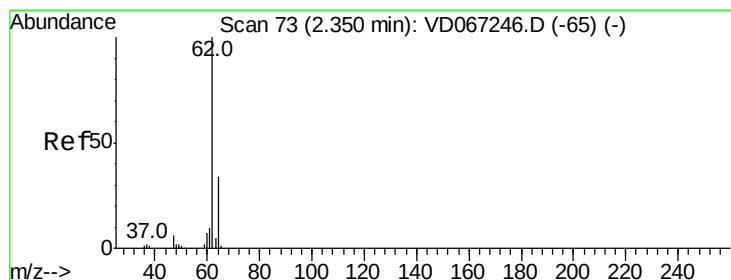
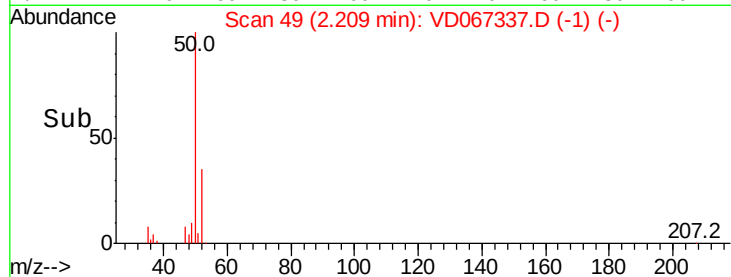
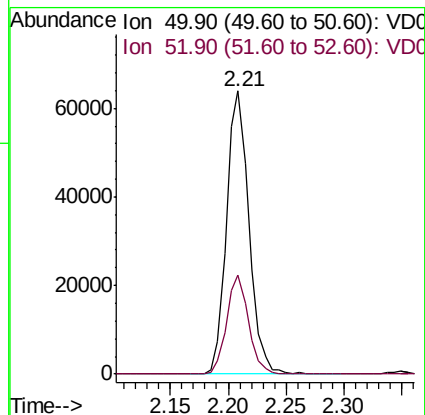
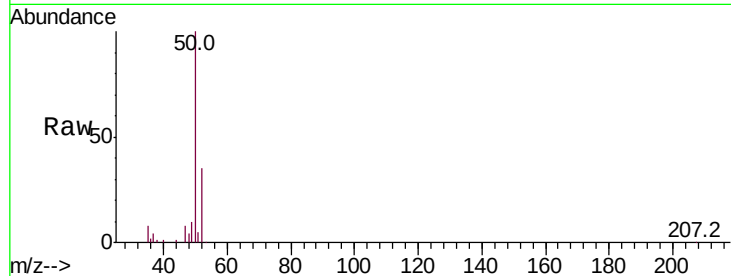
VSTDCCC050

Tot Ion: 50 Resp: 85747

Ion Ratio Lower Upper

50 100

52 35.1 27.1 40.7



#4

Vinyl Chloride

Concen: 44.080 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067337.D

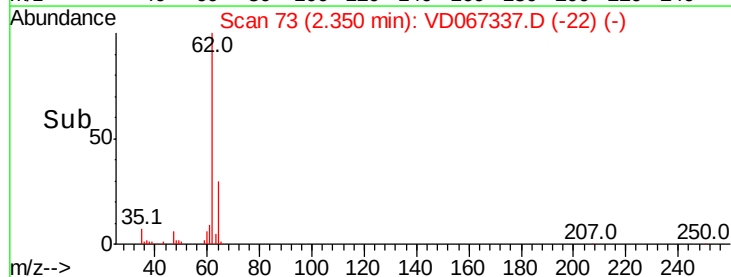
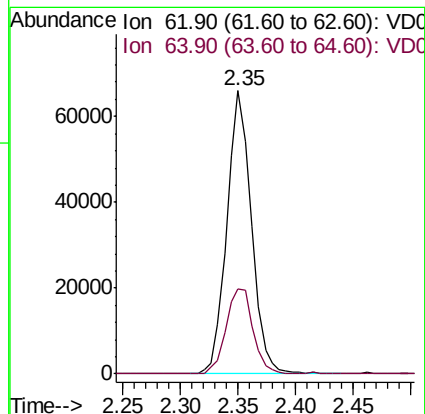
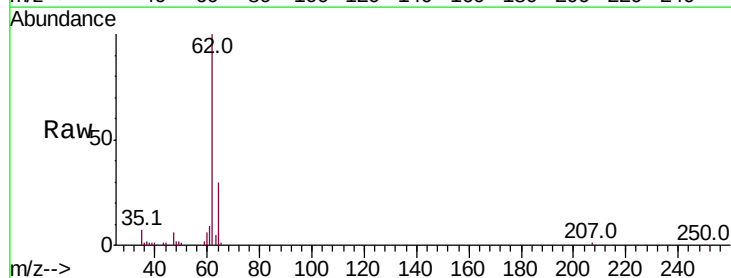
Acq: 21 Oct 2020 10:07

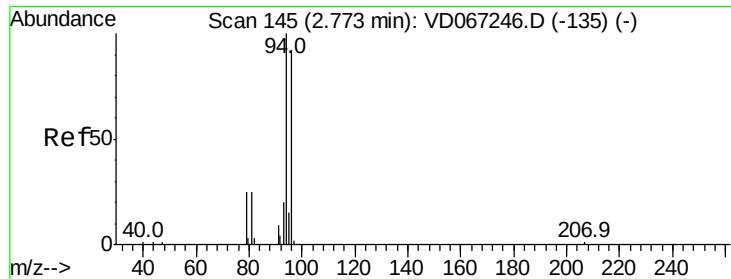
Tgt Ion: 62 Resp: 97311

Ion Ratio Lower Upper

62 100

64 30.1 27.4 41.0





#5

Bromomethane

Concen: 49.750 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

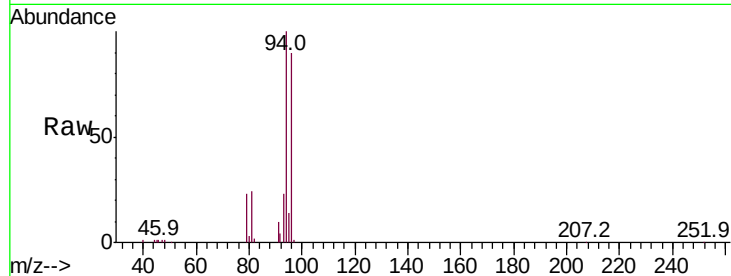
VSTDCCC050

Tot Ion: 94 Resp: 76445

Ion Ratio Lower Upper

94 100

96 90.3 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

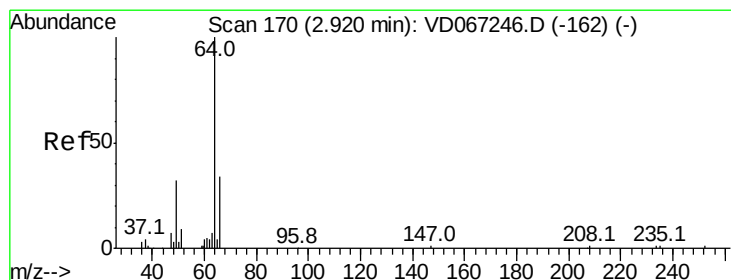
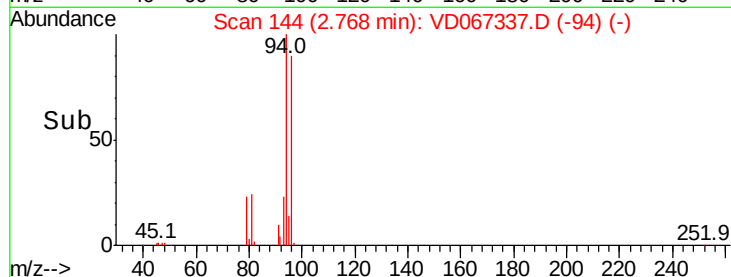
20000

10000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 45.406 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067337.D

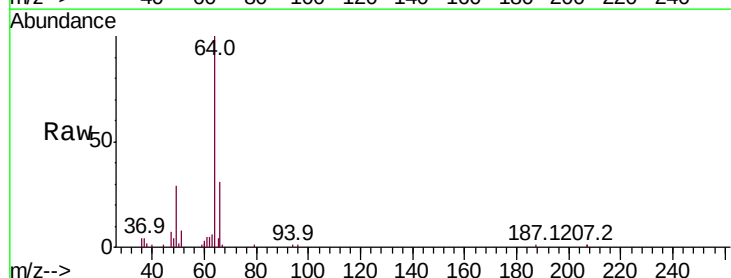
Acq: 21 Oct 2020 10:07

Tgt Ion: 64 Resp: 62426

Ion Ratio Lower Upper

64 100

66 30.7 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

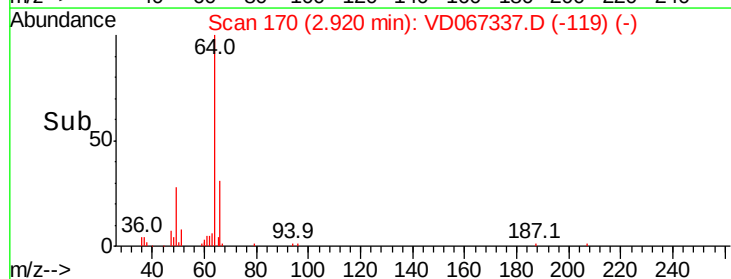
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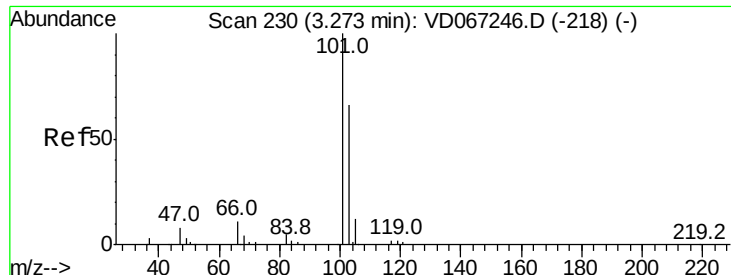
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0

2.90 3.00

Time-->



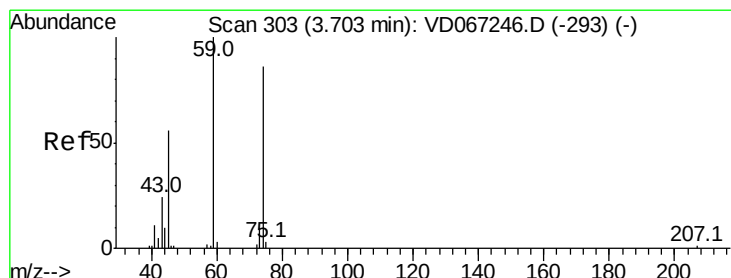
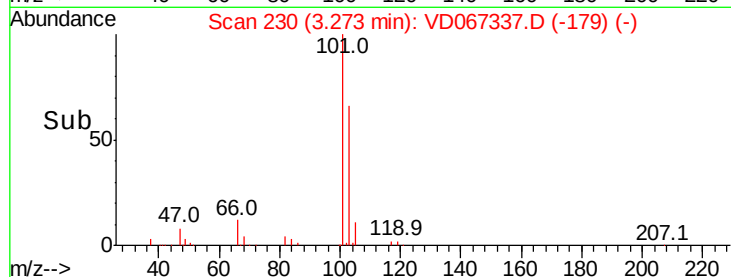
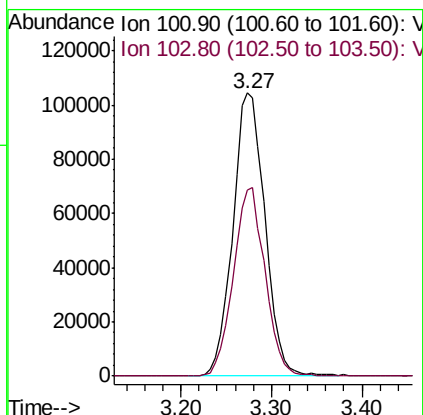
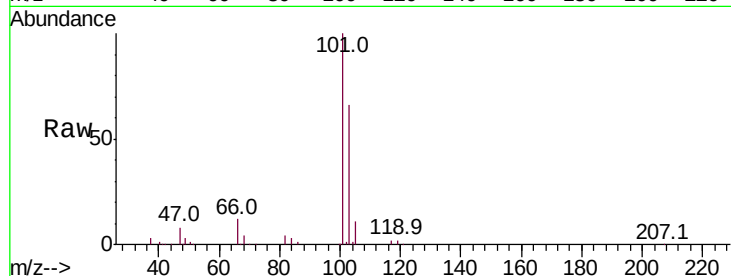


#7

Trichlorofluoromethane
 Concen: 46.133 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

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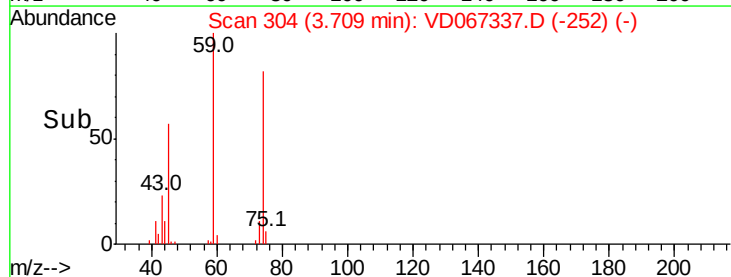
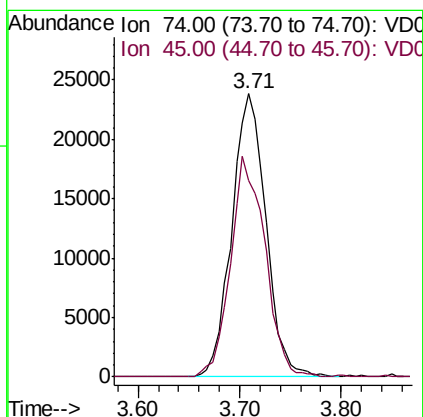
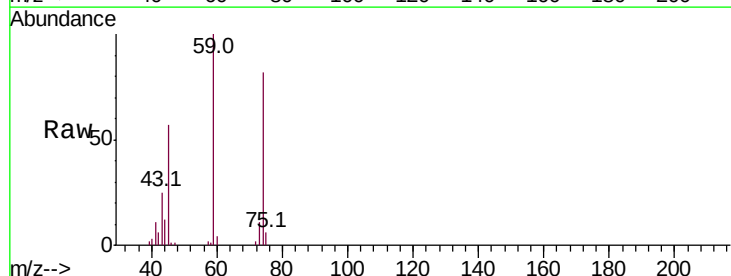
Tot Ion:101 Resp: 256453
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.1 79.7

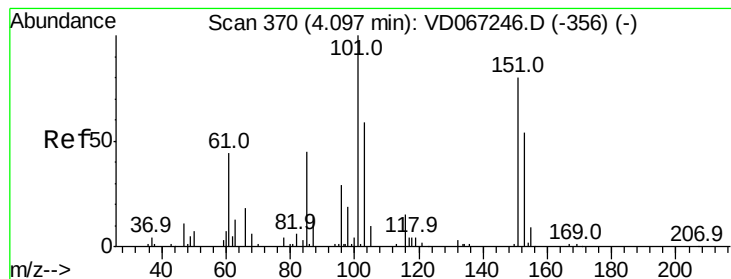


#8

Diethyl Ether
 Concen: 43.650 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion: 74 Resp: 55524
 Ion Ratio Lower Upper
 74 100
 45 79.0 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.276 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

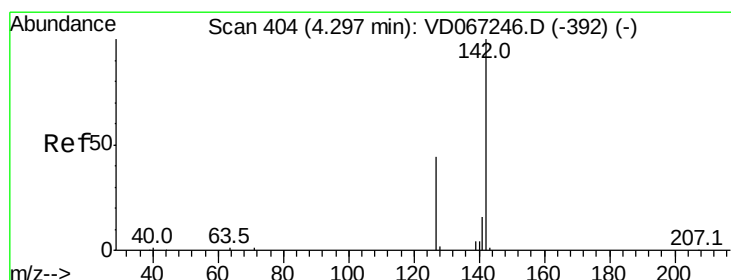
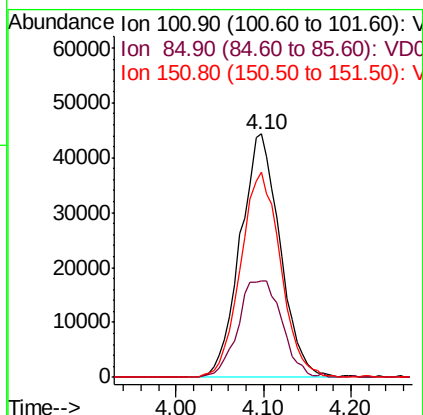
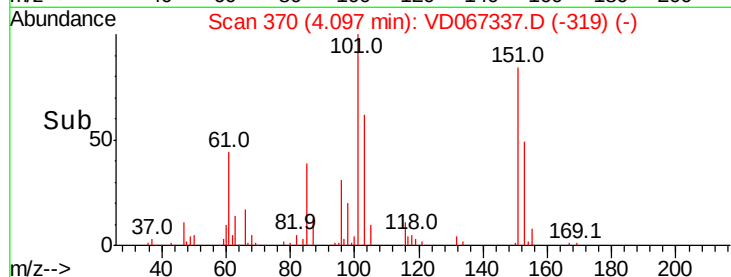
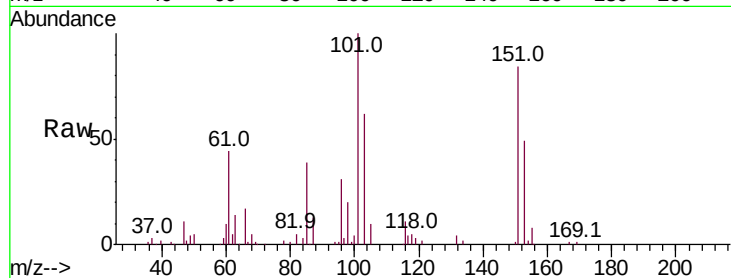
Tot Ion:101 Resp: 136674

Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.4

151 85.2 66.3 99.5



#10

Methyl Iodide

Concen: 48.607 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

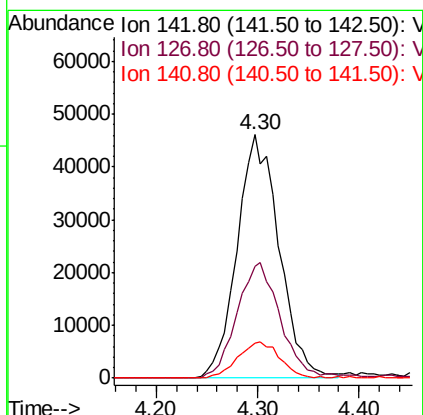
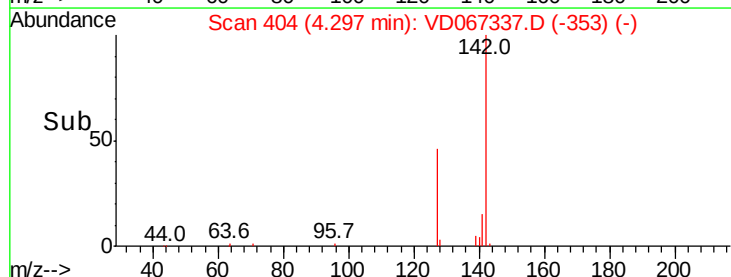
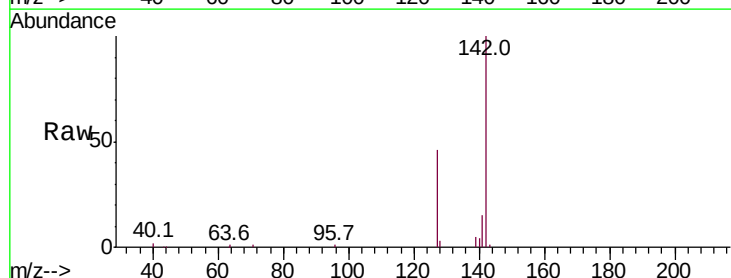
Tgt Ion:142 Resp: 132426

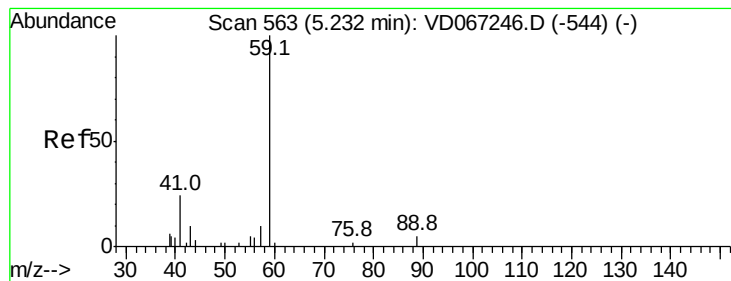
Ion Ratio Lower Upper

142 100

127 49.3 38.4 57.6

141 15.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 183.902 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

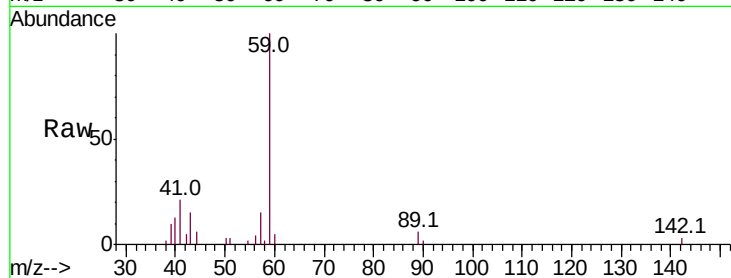
VSTDCCC050

Tot Ion: 59 Resp: 32631

Ion Ratio Lower Upper

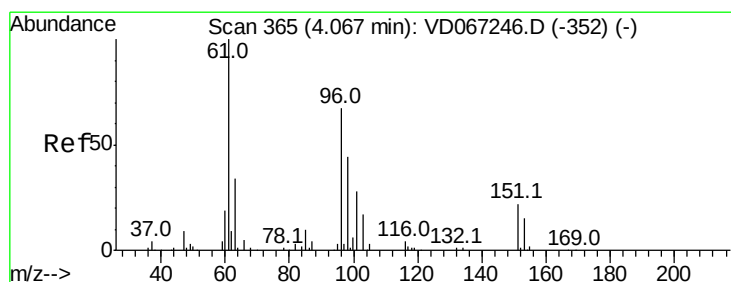
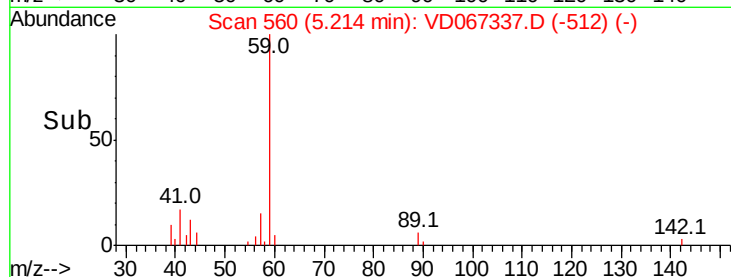
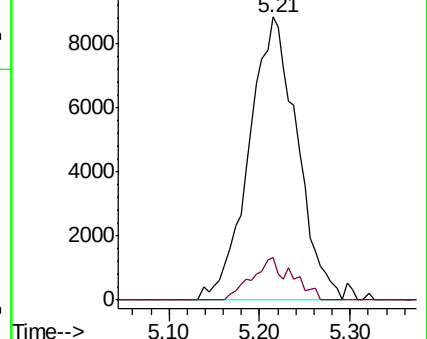
59 100

57 8.7 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.178 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

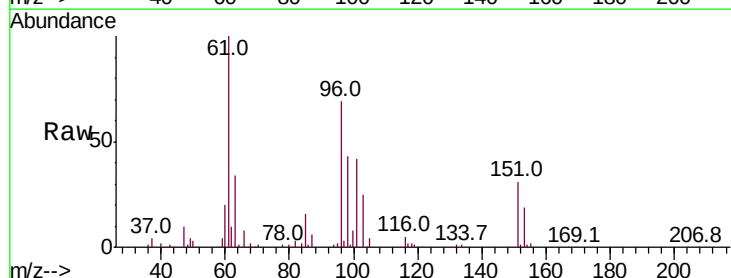
Tgt Ion: 96 Resp: 121842

Ion Ratio Lower Upper

96 100

61 144.6 118.6 177.8

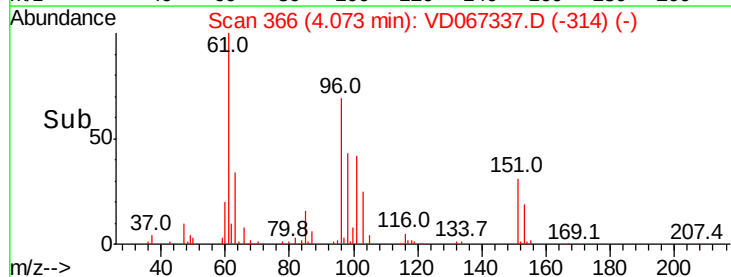
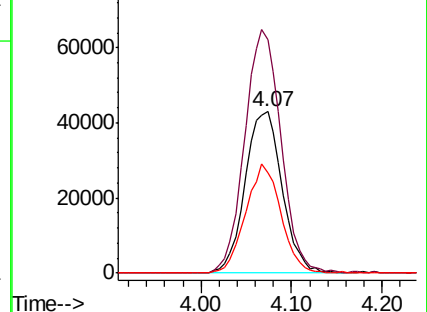
98 62.2 51.8 77.6

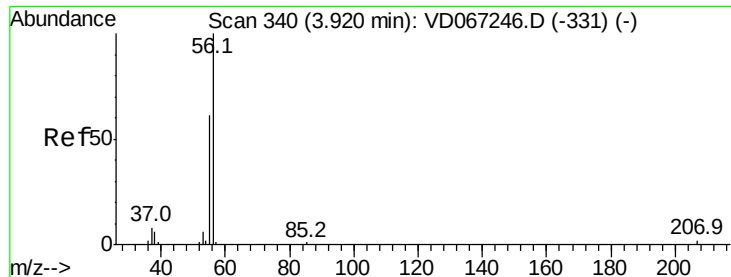


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 240.711 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

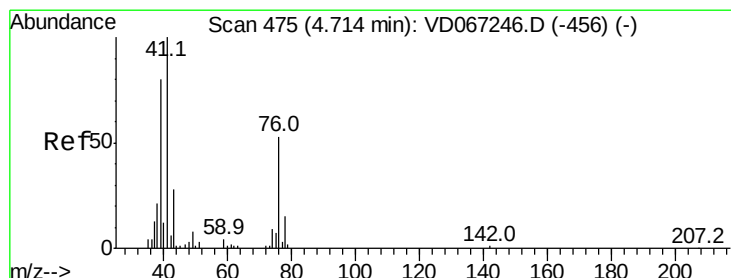
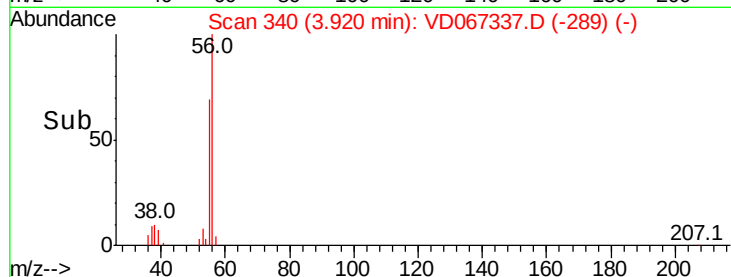
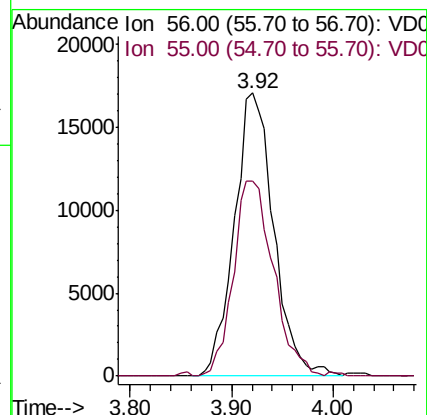
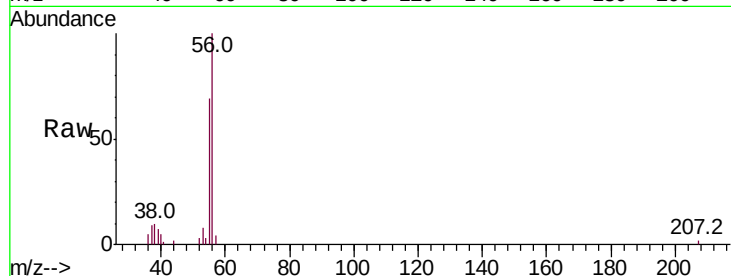
VSTDCCC050

Tot Ion: 56 Resp: 45909

Ion Ratio Lower Upper

56 100

55 70.1 56.0 84.0



#14

Allyl chloride

Concen: 45.079 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

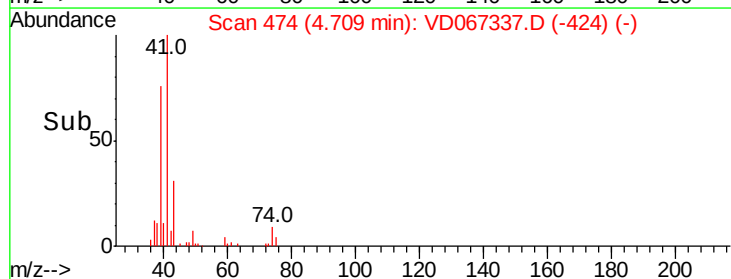
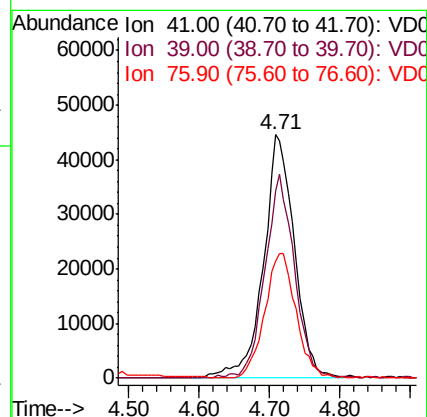
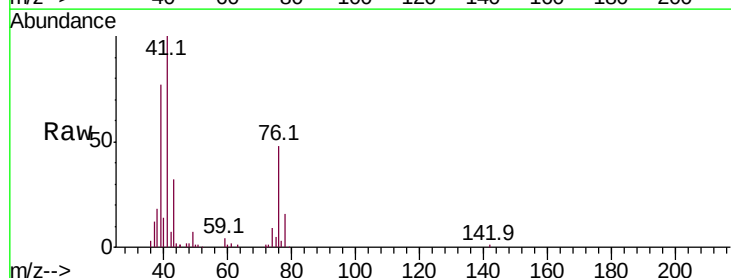
Tgt Ion: 41 Resp: 136211

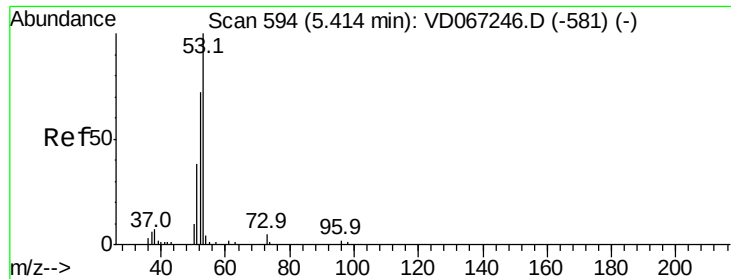
Ion Ratio Lower Upper

41 100

39 80.0 63.8 95.6

76 51.9 40.4 60.6





#15

Acrylonitrile

Concen: 228.365 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

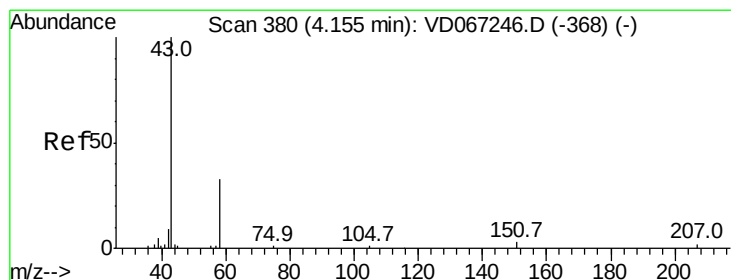
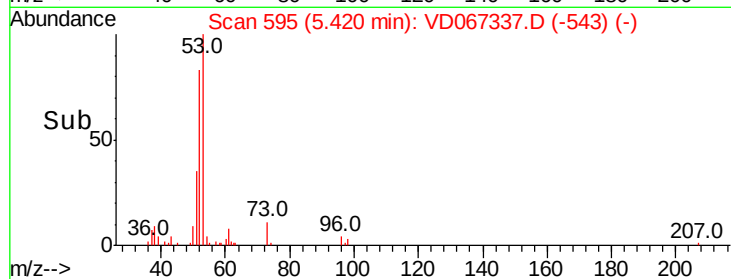
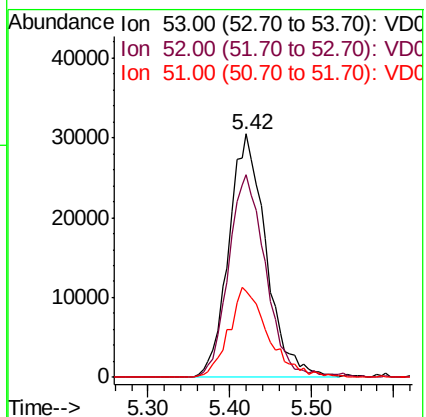
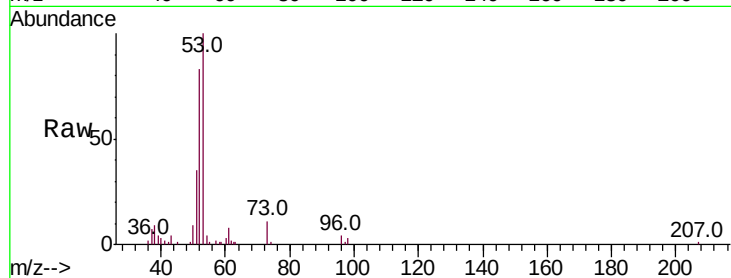
Tot Ion: 53 Resp: 96928

Ion Ratio Lower Upper

53 100

52 82.5 65.6 98.4

51 38.6 30.8 46.2



#16

Acetone

Concen: 234.744 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067337.D

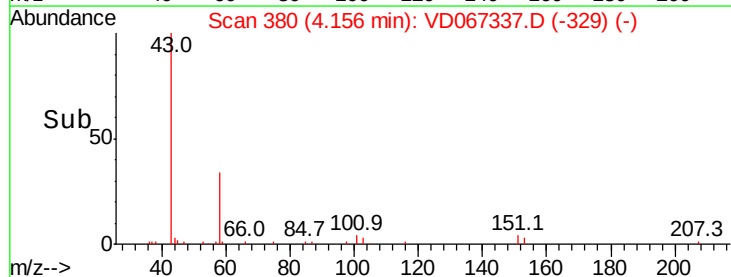
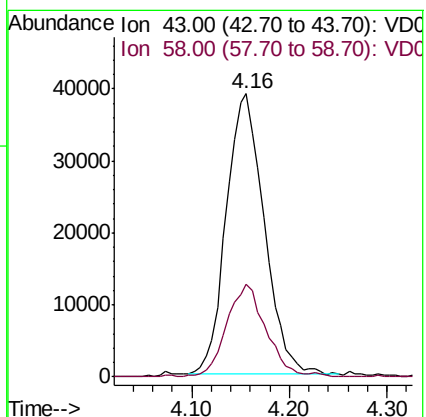
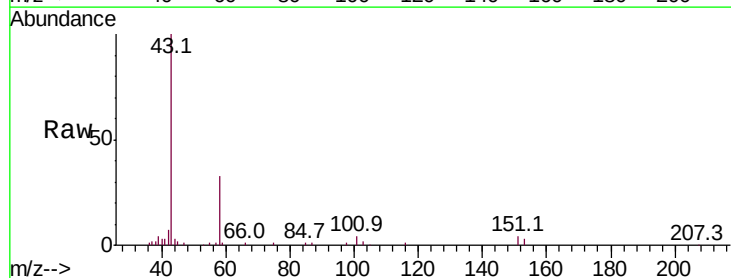
Acq: 21 Oct 2020 10:07

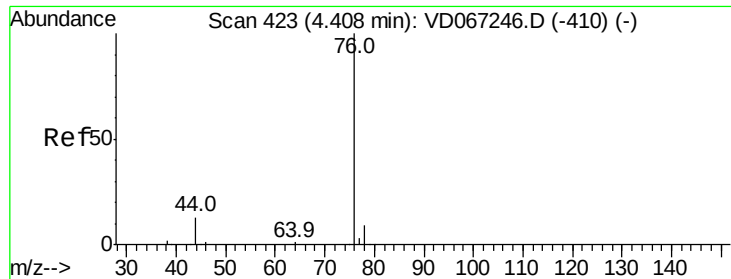
Tgt Ion: 43 Resp: 105298

Ion Ratio Lower Upper

43 100

58 33.0 26.1 39.1

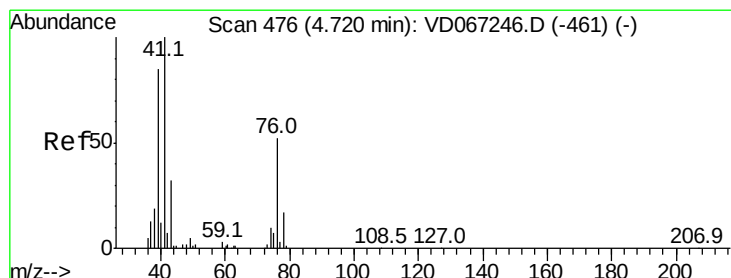
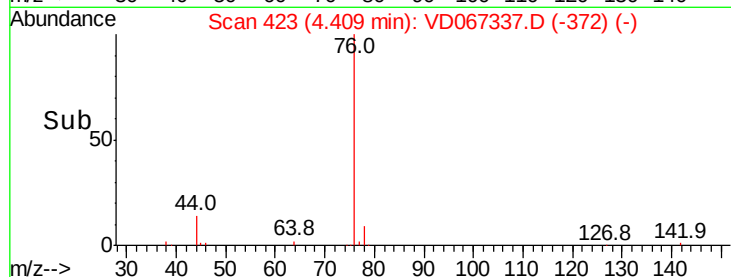
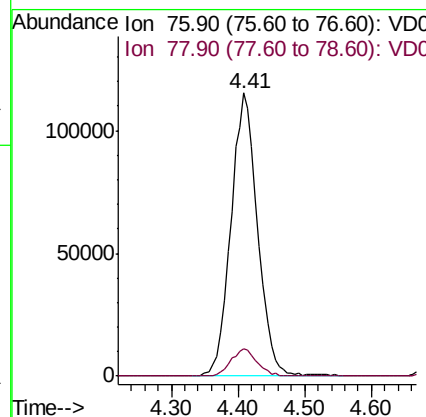
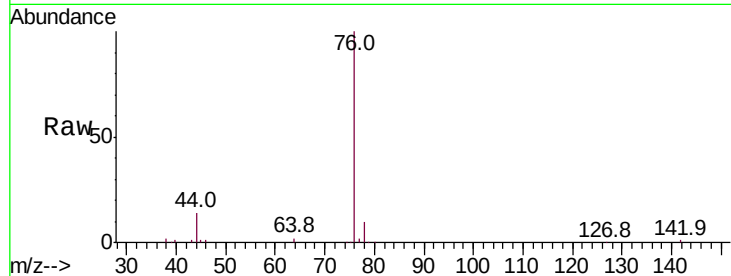




#17
Carbon Disulfide
Concen: 42.967 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

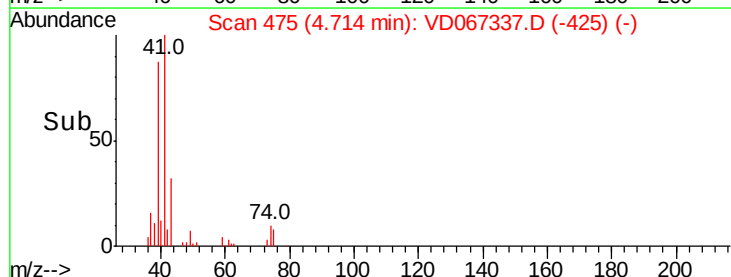
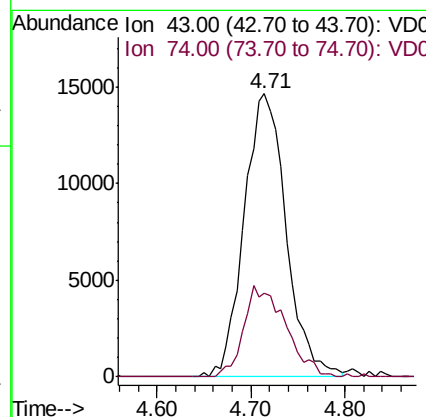
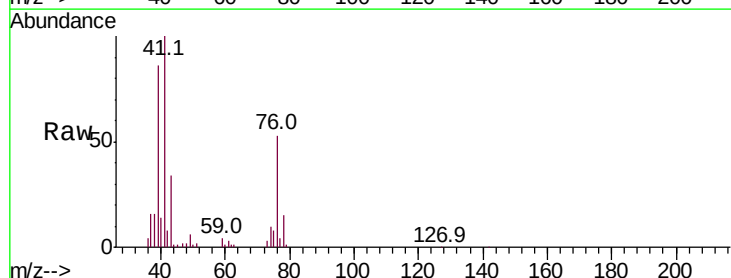
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

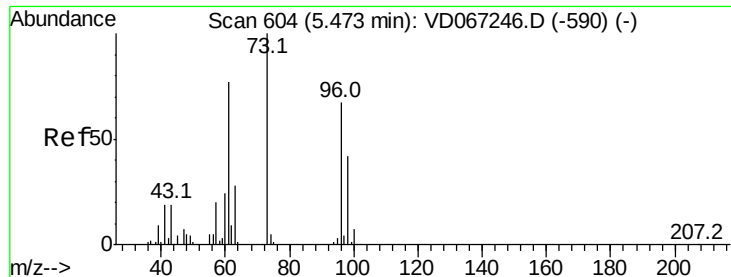
Tot Ion: 76 Resp: 323196
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 44.360 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 43 Resp: 45386
Ion Ratio Lower Upper
43 100
74 32.0 26.6 39.8





#19

Methvl tert-butyl Ether

Concen: 46.062 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

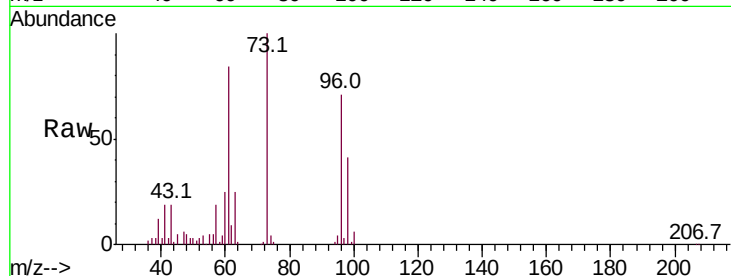
VSTDCCC050

Tot Ion: 73 Resp: 241663

Ion Ratio Lower Upper

73 100

57 19.3 15.7 23.5



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.47

80000

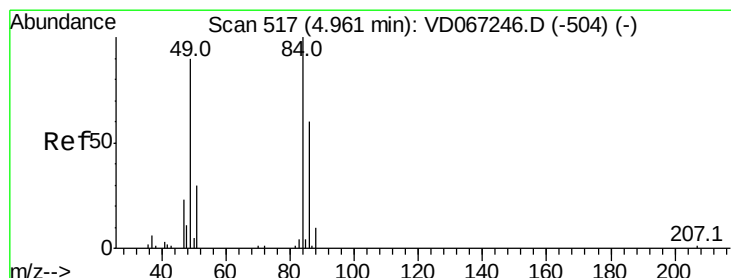
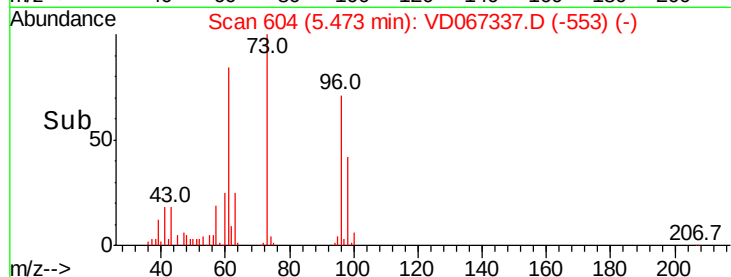
60000

40000

20000

0

Time--> 5.30 5.40 5.50 5.60 5.70



#20

Methylene Chloride

Concen: 46.328 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion: 84 Resp: 134061

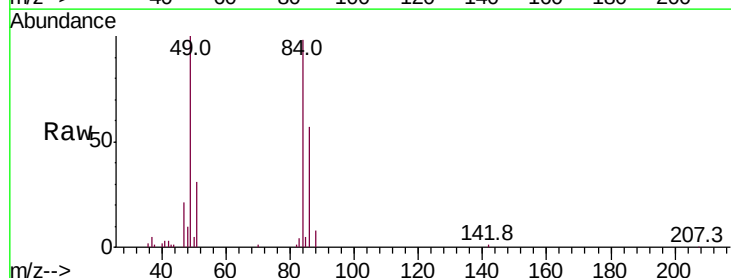
Ion Ratio Lower Upper

84 100

49 102.0 72.2 108.2

51 31.7 23.8 35.8

86 58.5 48.2 72.4



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.97

60000

50000

40000

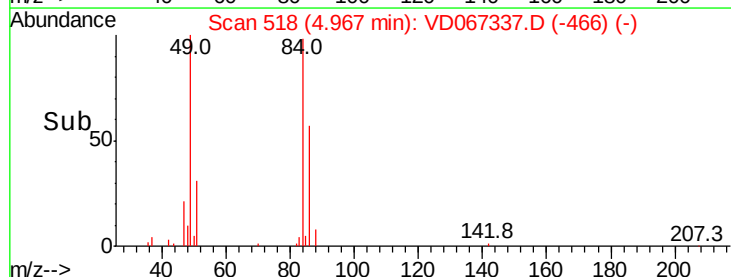
30000

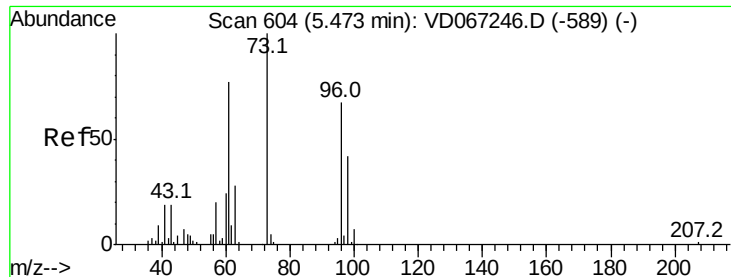
20000

10000

0

Time--> 4.80 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 45.732 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

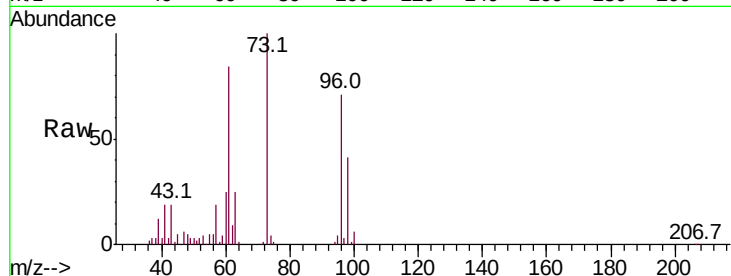
Tot Ion: 96 Resp: 138860

Ion Ratio Lower Upper

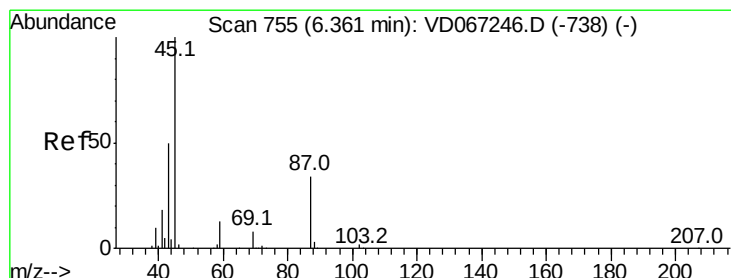
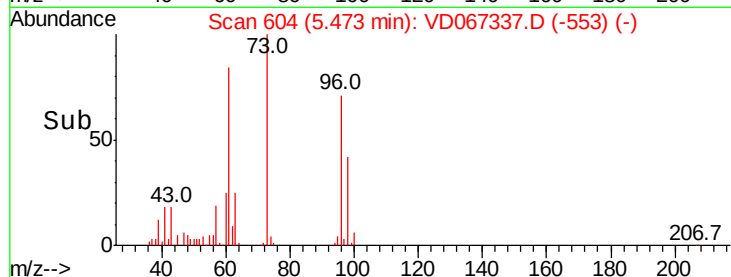
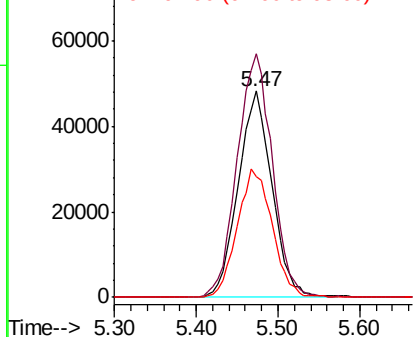
96 100

61 118.2 92.0 138.0

98 58.5 49.8 74.8



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: 48.121 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion: 45 Resp: 265615

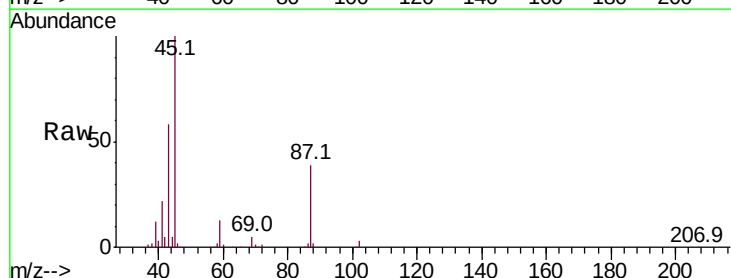
Ion Ratio Lower Upper

45 100

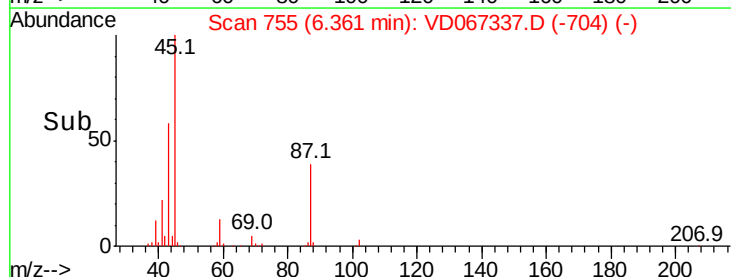
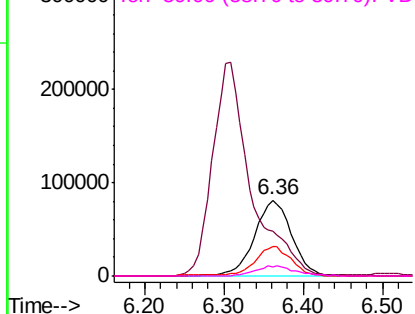
43 57.0 48.0 72.0

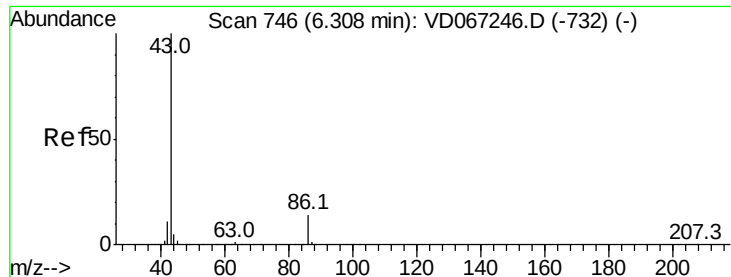
87 38.8 28.5 42.7

59 12.2 10.5 15.7



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: 245.592 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

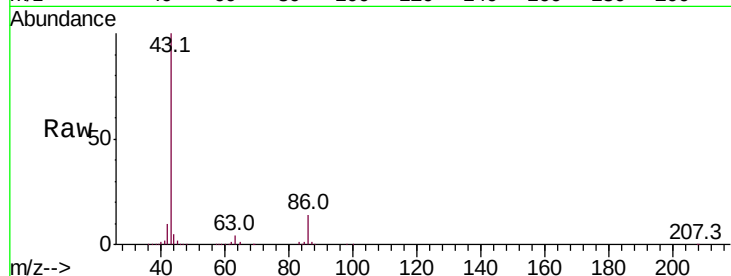
VSTDCCC050

Tot Ion: 43 Resp: 771232

Ion Ratio Lower Upper

43 100

86 14.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

250000

200000

150000

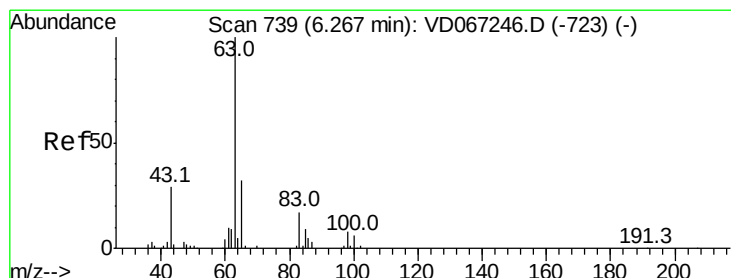
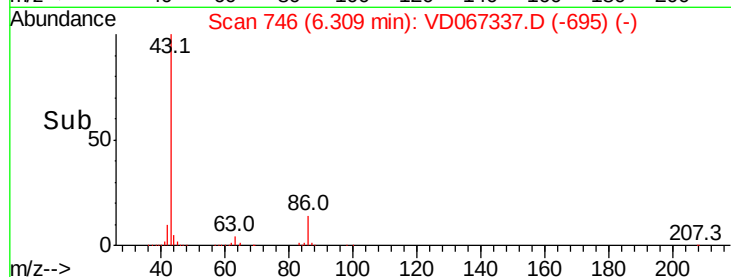
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 46.876 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

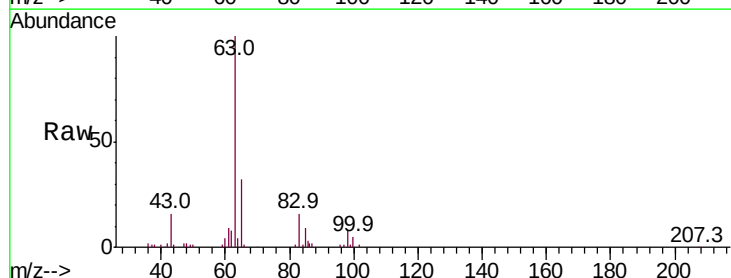
Tgt Ion: 63 Resp: 221487

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.2

100 4.6 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

80000

60000

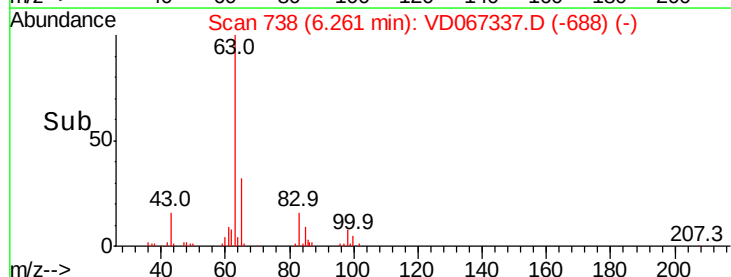
40000

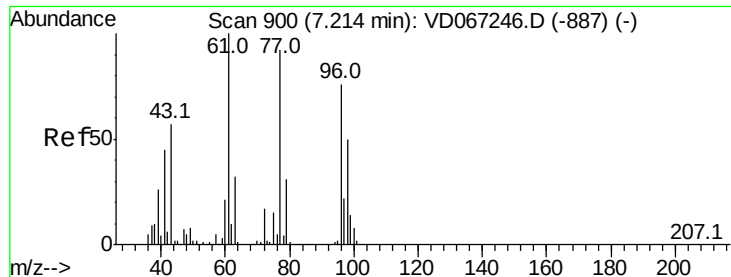
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 226.154 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

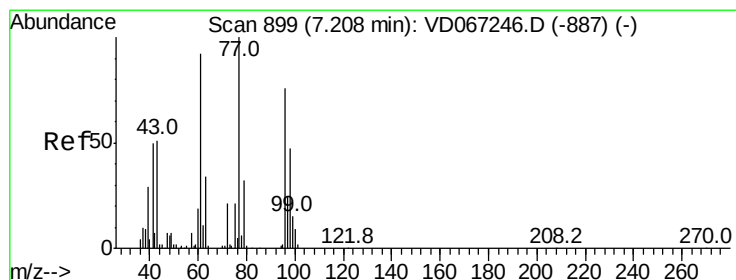
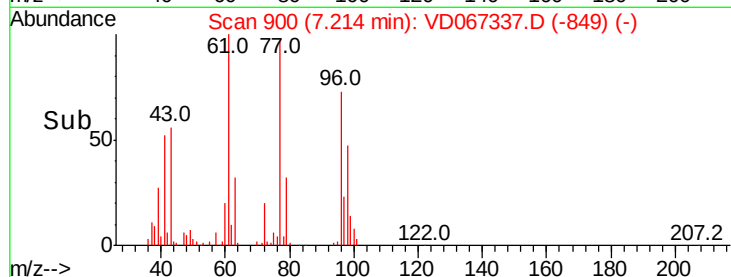
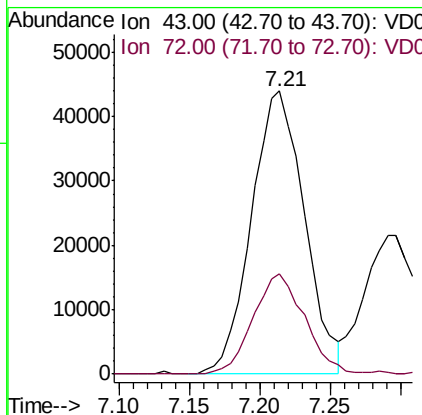
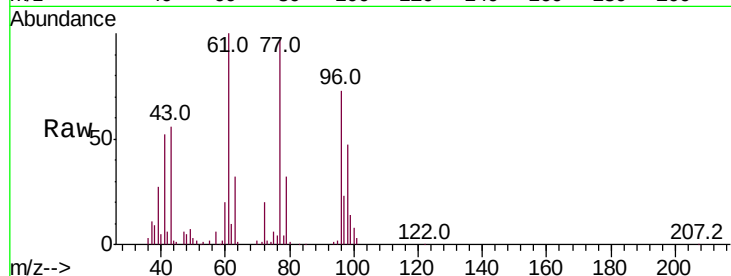
VSTDCCC050

Tot Ion: 43 Resp: 115637

Ion Ratio Lower Upper

43 100

72 35.5 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 48.575 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067337.D

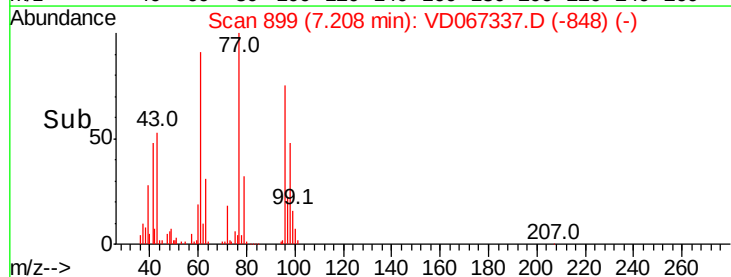
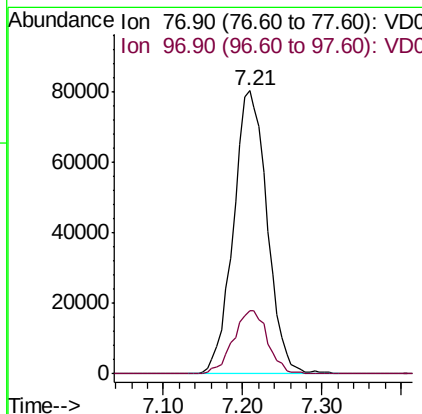
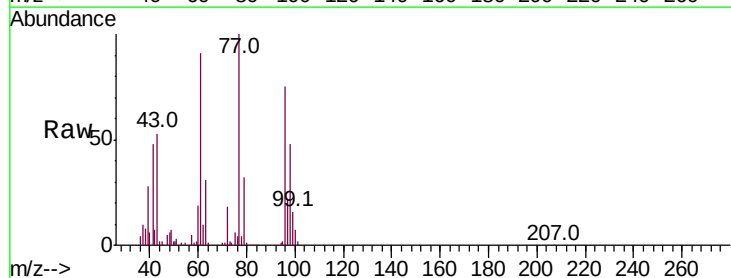
Acq: 21 Oct 2020 10:07

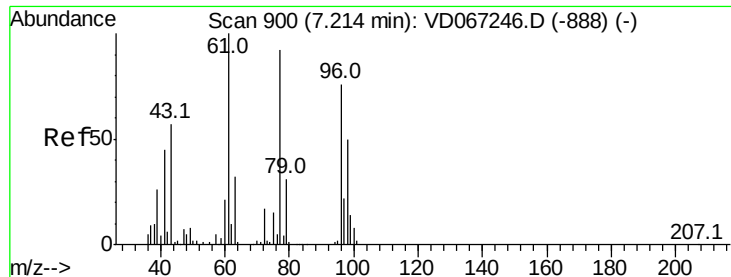
Tgt Ion: 77 Resp: 236567

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2



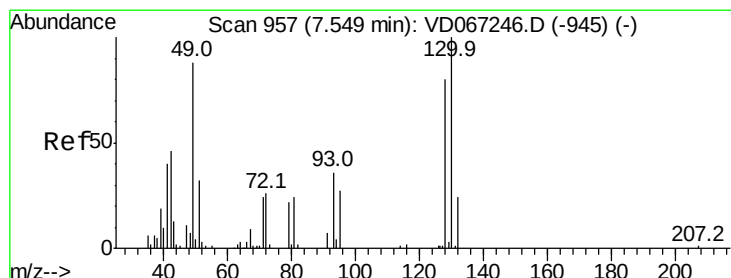
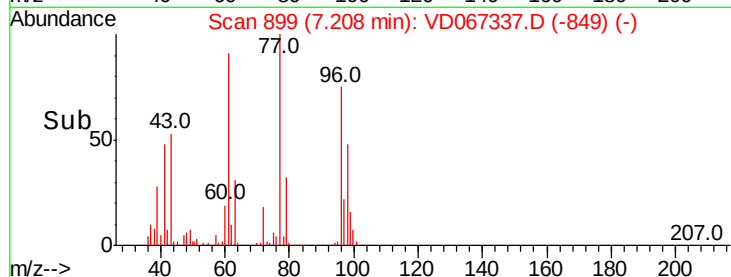
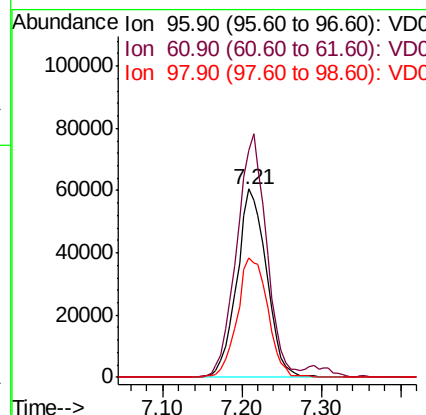
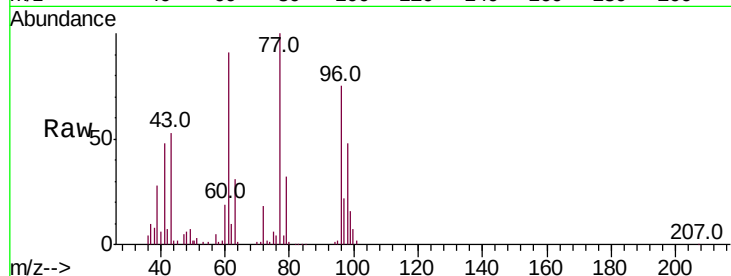


#27

cis-1,2-Dichloroethene
 Concen: 47.139 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

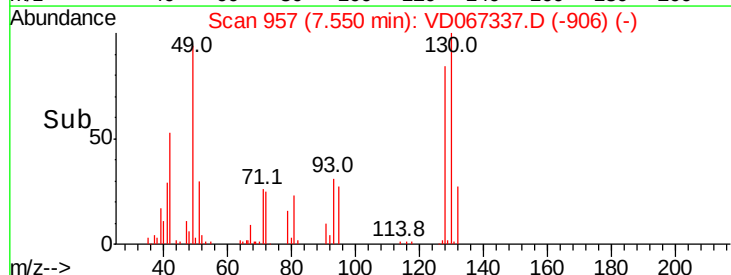
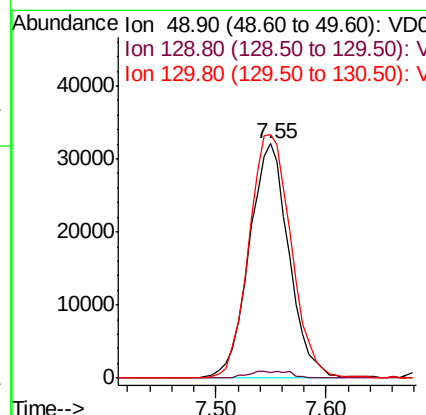
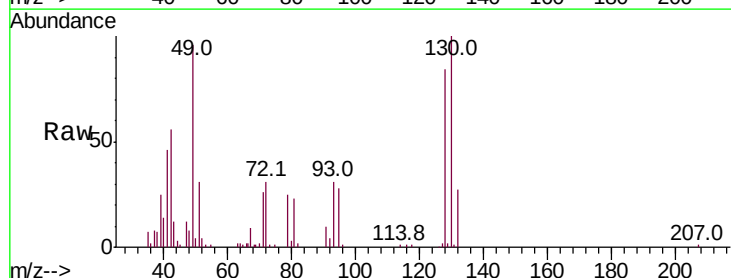
Tot Ion	96	Resp	156866
Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	255.4
98	65.2	0.0	128.0

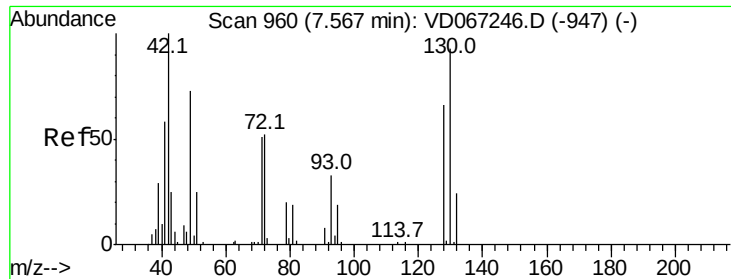


#28

Bromochloromethane
 Concen: 50.066 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	49	Resp	80687
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	1.6#
130	110.7	91.0	136.6

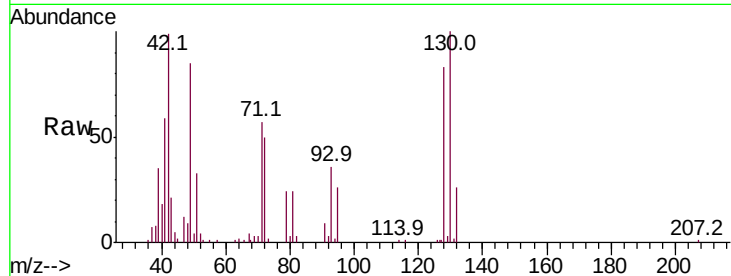




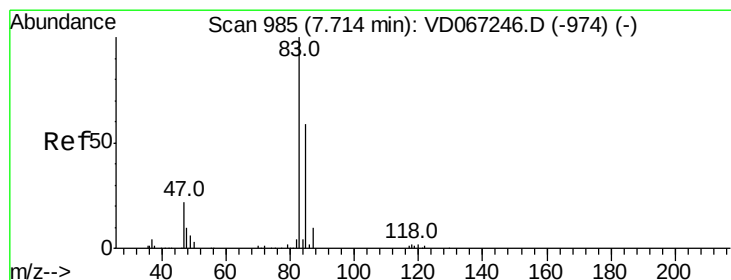
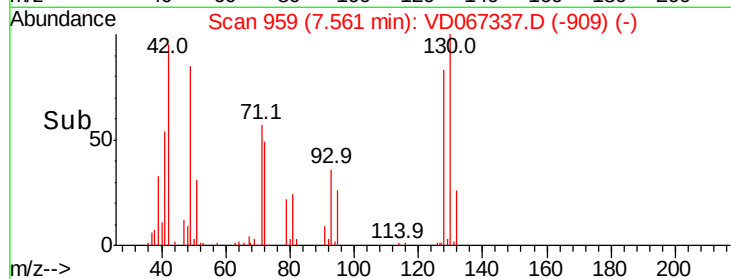
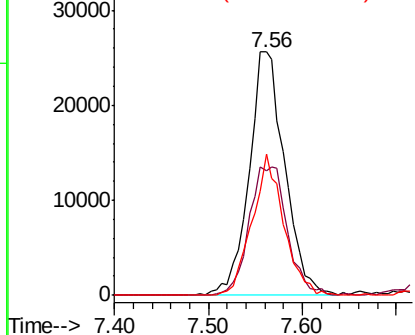
#29
Tetrahydrofuran
Concen: 236.451 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 67207
Ion Ratio Lower Upper
42 100
72 56.4 43.2 64.8
71 51.4 39.4 59.0

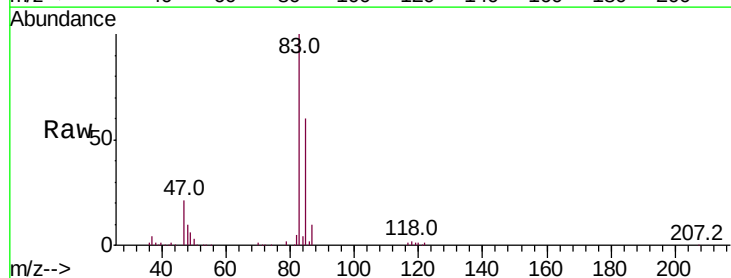


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

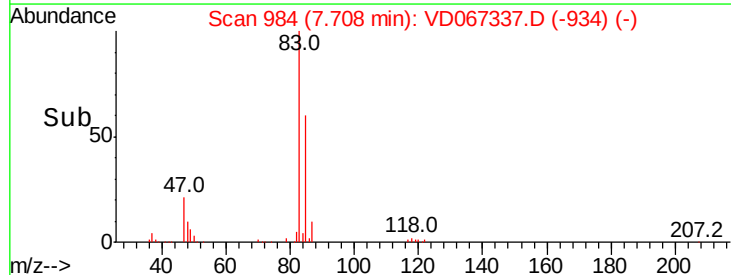
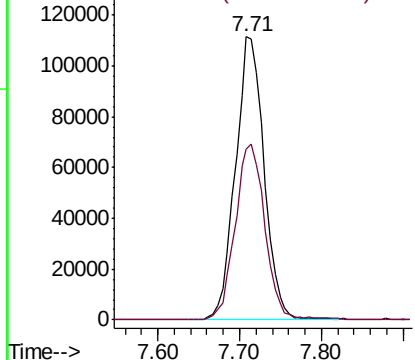


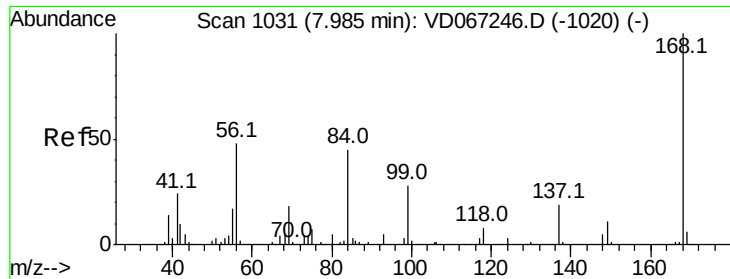
#30
Chloroform
Concen: 48.162 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 83 Resp: 271846
Ion Ratio Lower Upper
83 100
85 60.3 47.3 70.9



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

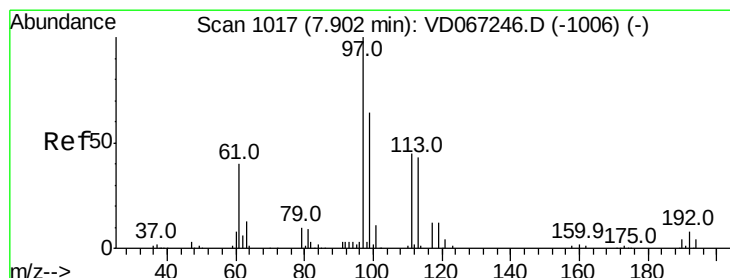
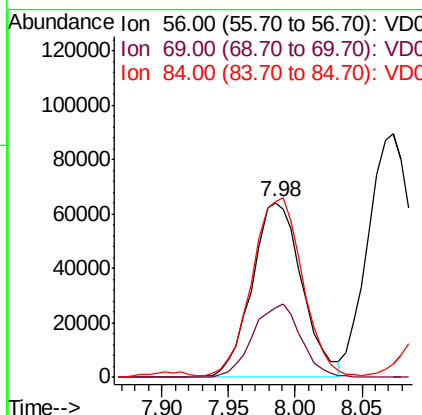
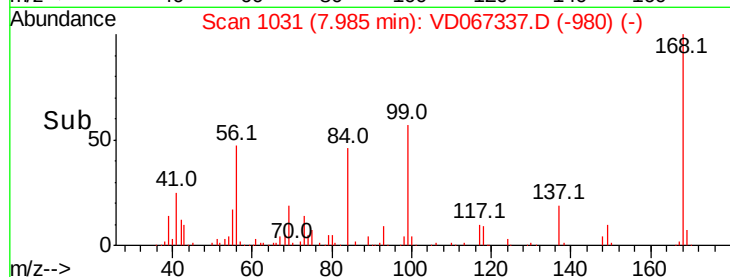
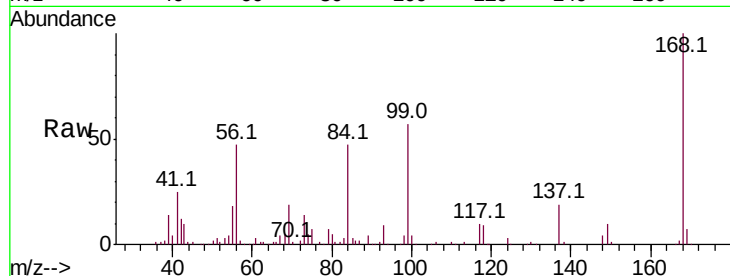




#31
Cyclohexane
Concen: 45.180 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

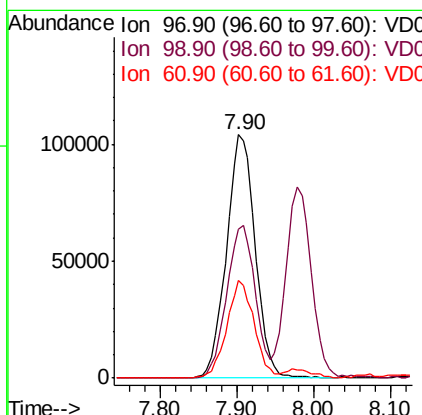
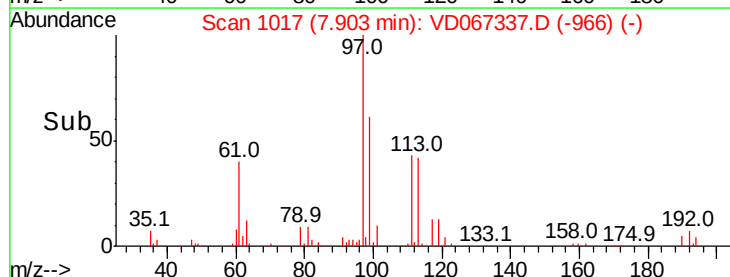
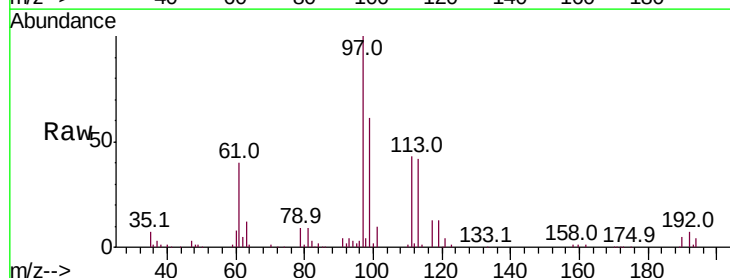
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

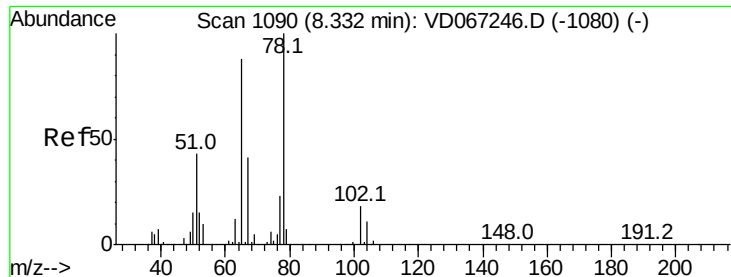
Tot Ion: 56 Resp: 166670
Ion Ratio Lower Upper
56 100
69 39.4 29.8 44.6
84 98.3 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.898 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 97 Resp: 270804
Ion Ratio Lower Upper
97 100
99 62.6 50.2 75.4
61 38.3 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 49.193 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

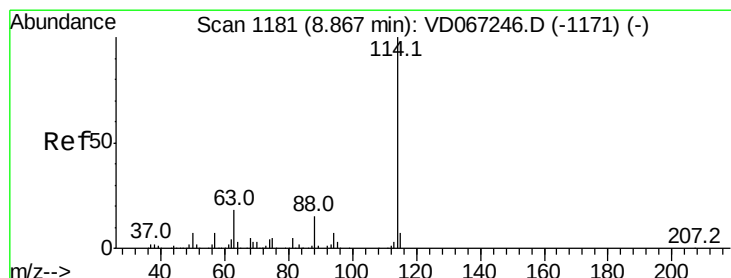
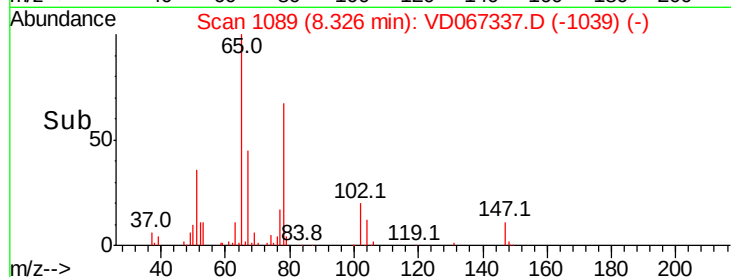
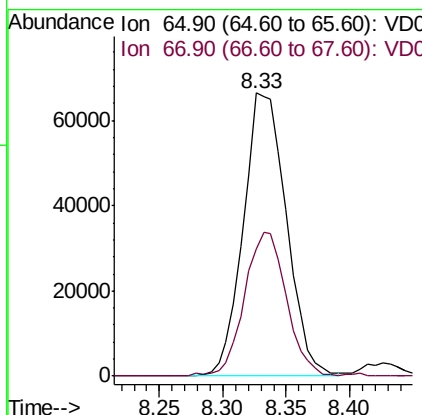
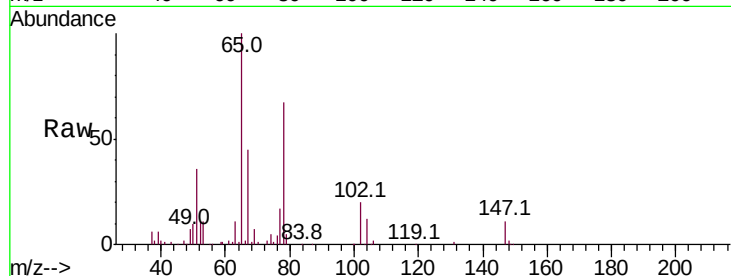
Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 65 Resp: 157560

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

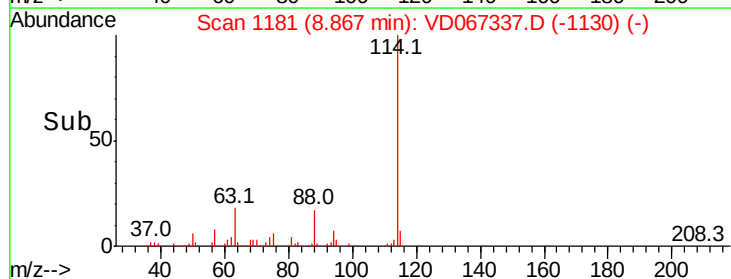
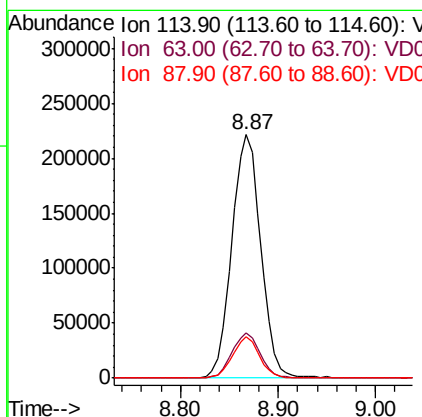
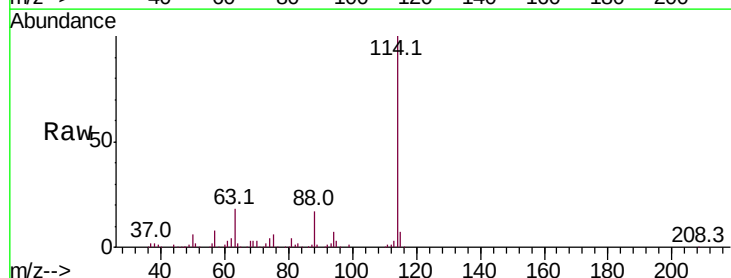
Delta R.T. 0.00 min

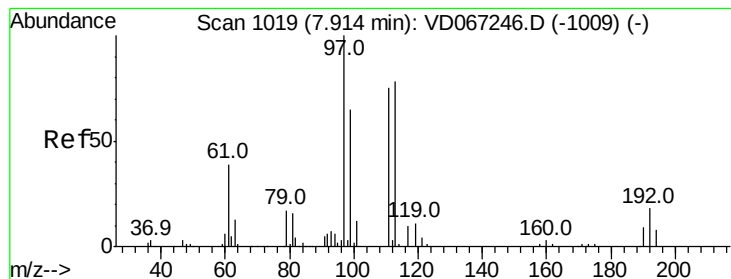
Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion: 114 Resp: 456422

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.0
88	16.8	0.0	30.6





#35

Dibromofluoromethane

Concen: 53.889 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

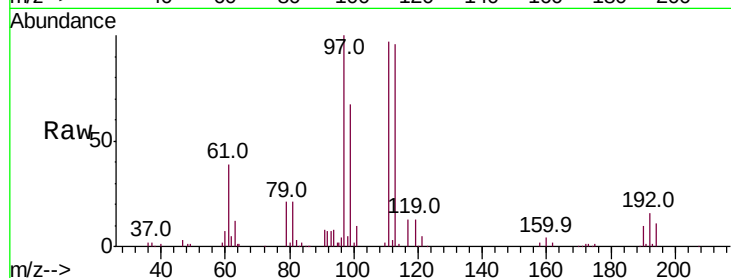
Tot Ion:113 Resp: 163686

Ion Ratio Lower Upper

113 100

111 100.1 81.6 122.4

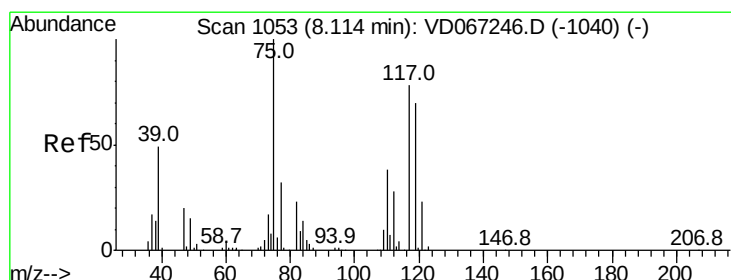
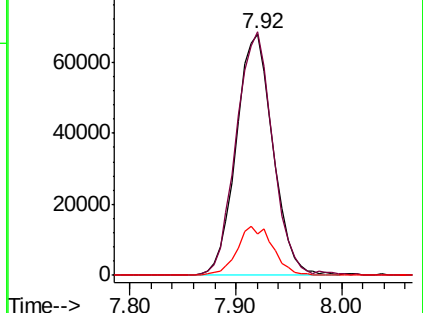
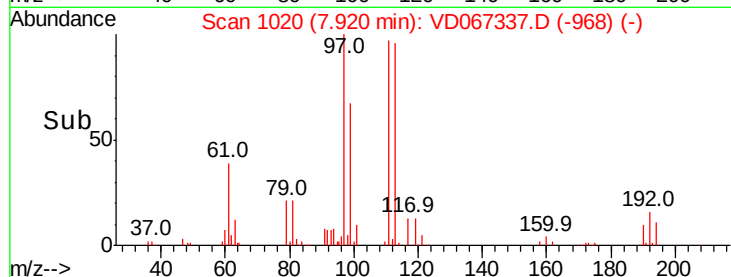
192 20.0 17.0 25.4



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: 49.946 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

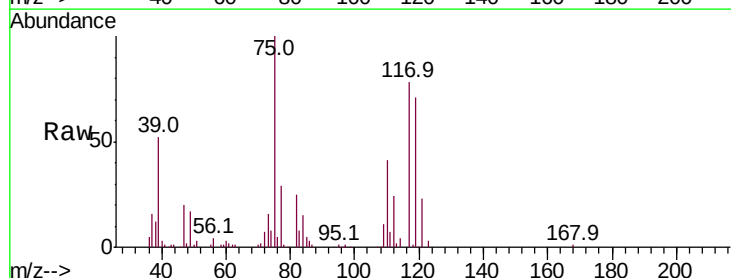
Tgt Ion: 75 Resp: 193216

Ion Ratio Lower Upper

75 100

110 38.2 19.6 58.7

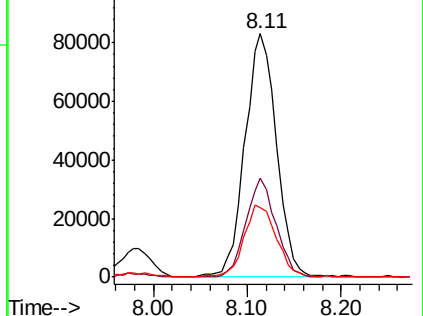
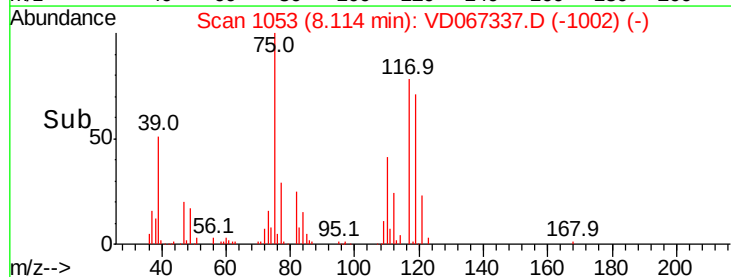
77 30.6 24.6 37.0

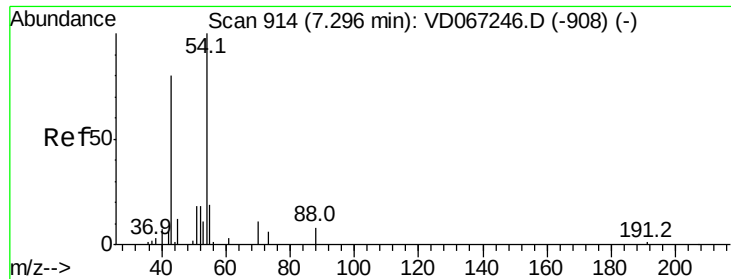


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

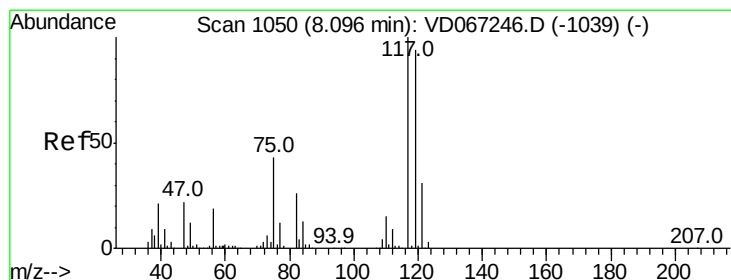
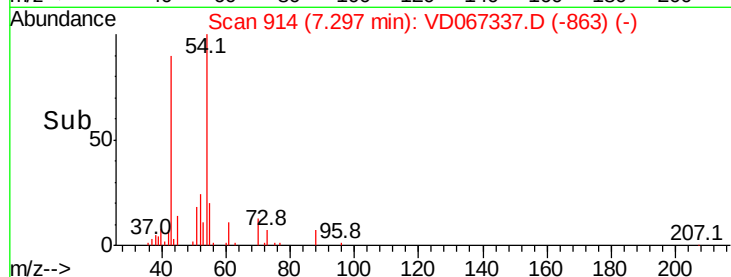
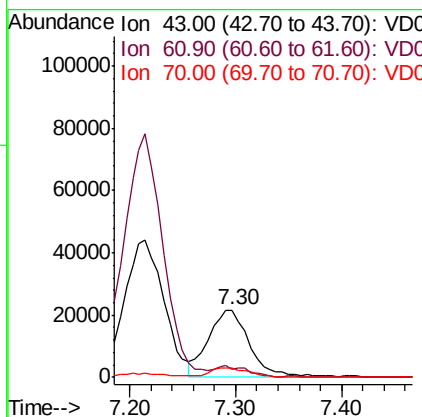
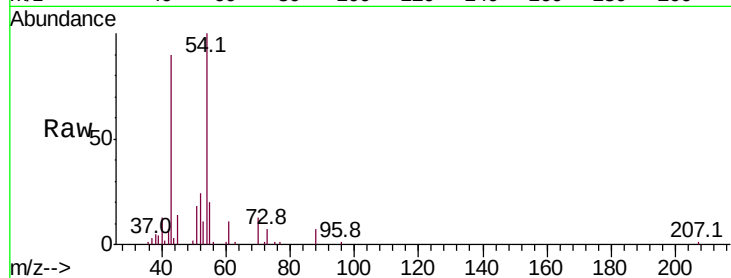




#37
Ethyl Acetate
Concen: 50.532 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

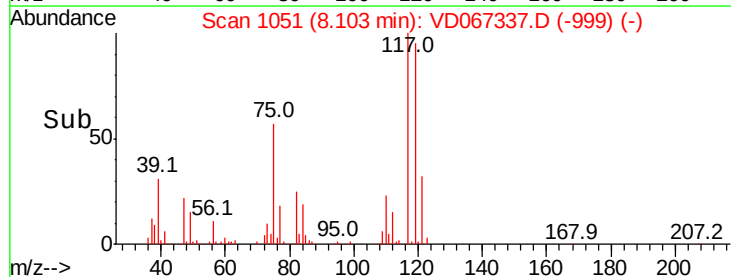
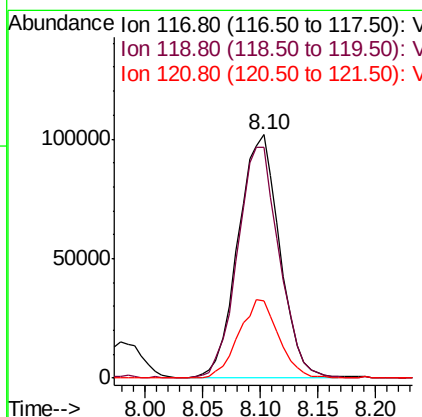
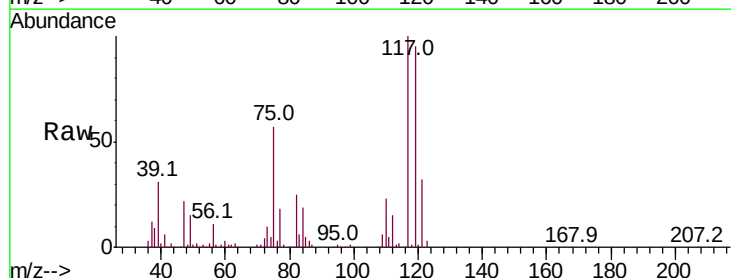
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

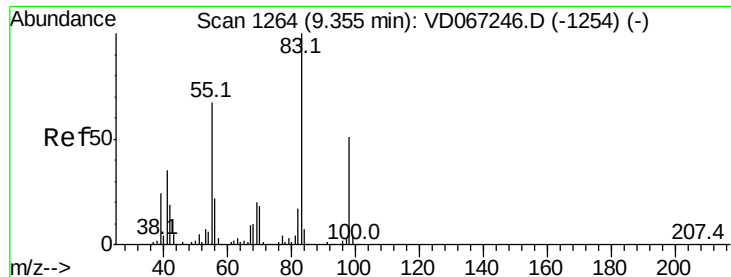
Tot Ion: 43 Resp: 57514
Ion Ratio Lower Upper
43 100
61 14.0 15.6 23.4#
70 14.7 10.4 15.6



#38
Carbon Tetrachloride
Concen: 51.537 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 117 Resp: 254814
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.4
121 31.5 24.9 37.3

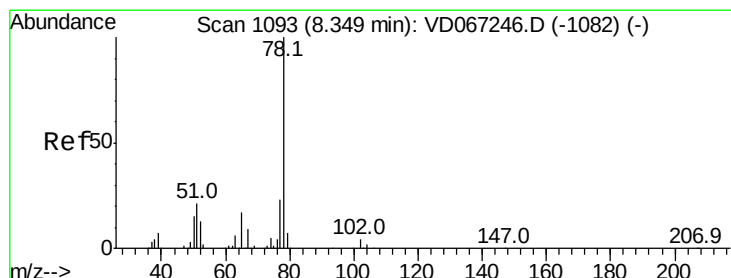
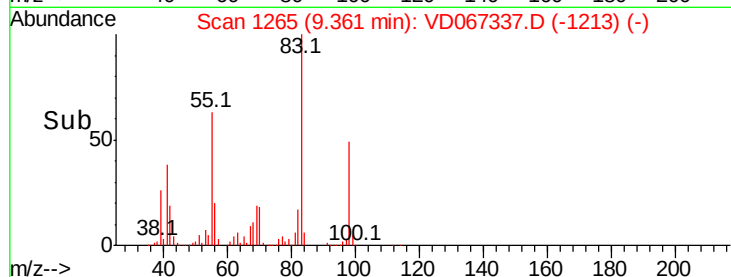
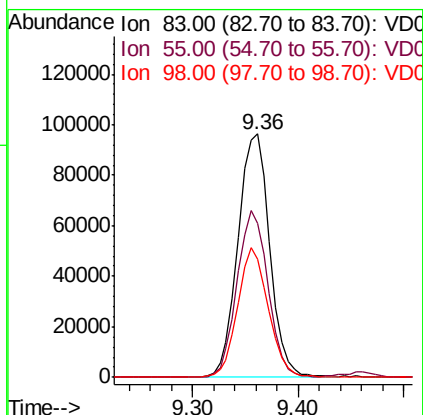
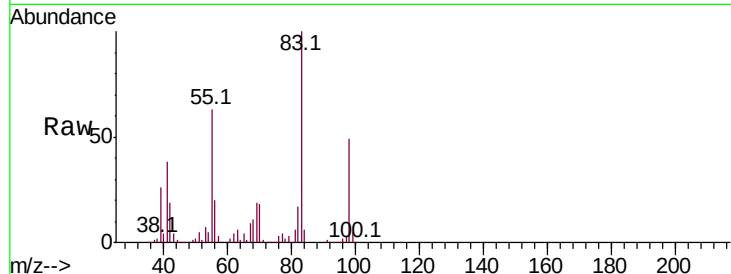




#39
Methylvlcyclohexane
Concen: 49.838 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

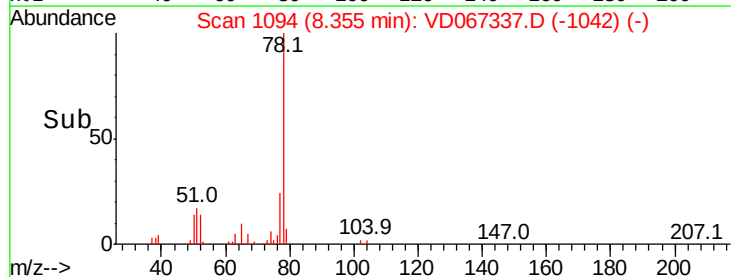
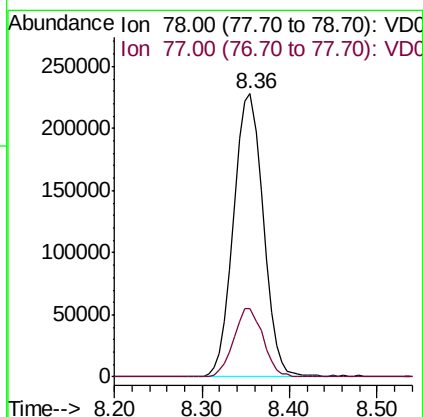
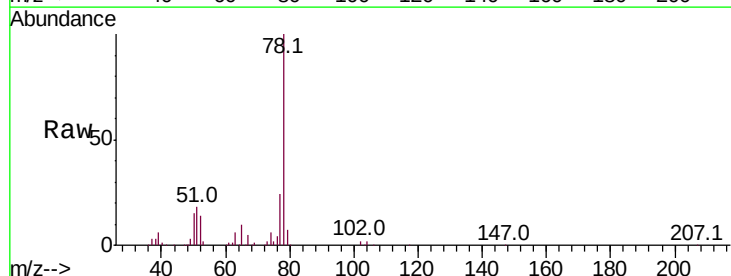
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

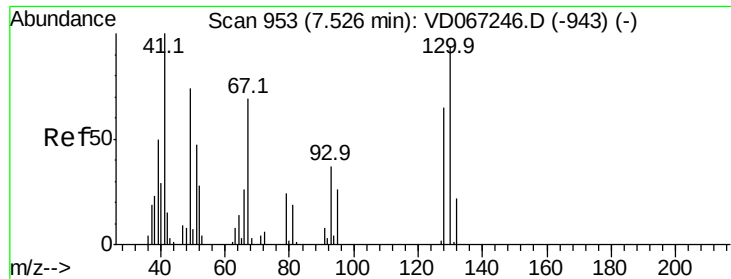
Tot Ion	83	Resp	201556
Ion Ratio	Lower	Upper	
83	100		
55	63.2	53.3	79.9
98	48.6	41.0	61.4



#40
Benzene
Concen: 49.614 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	78	Resp	526546
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.3	27.5

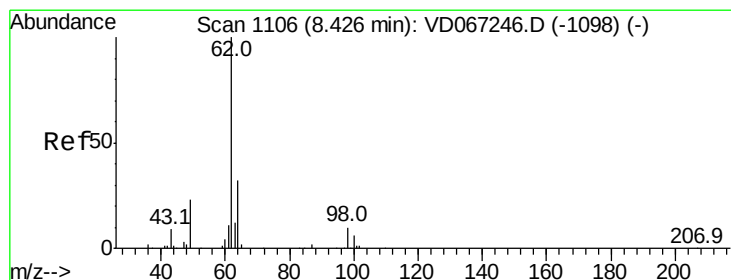
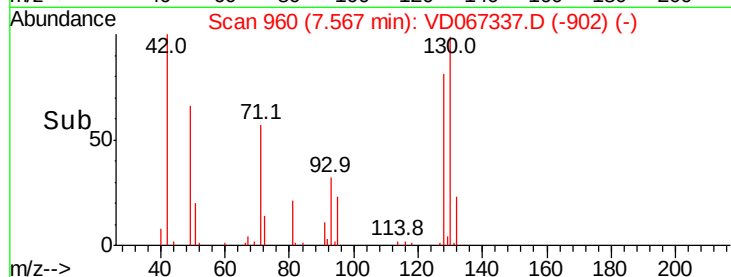
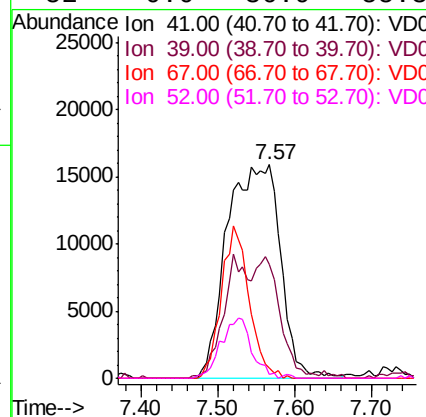
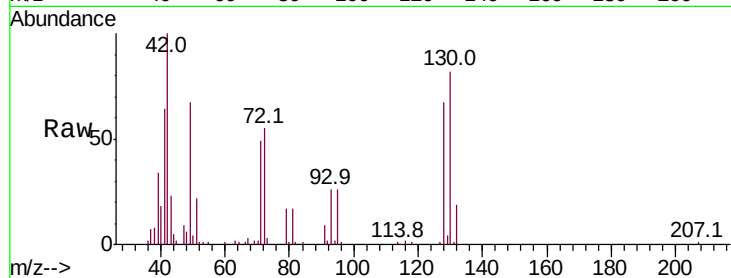




#41
Methacrylonitrile
Concen: 124.101 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

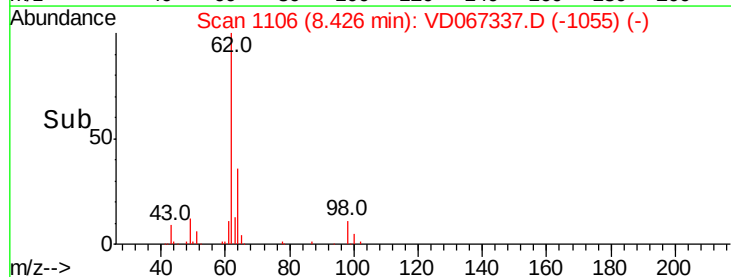
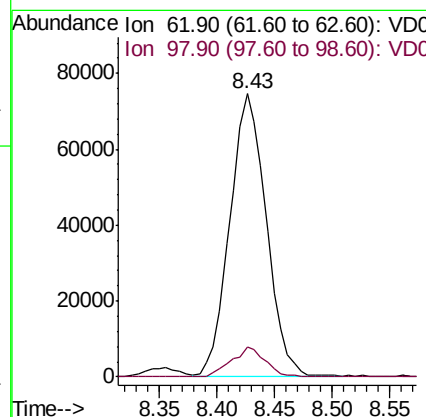
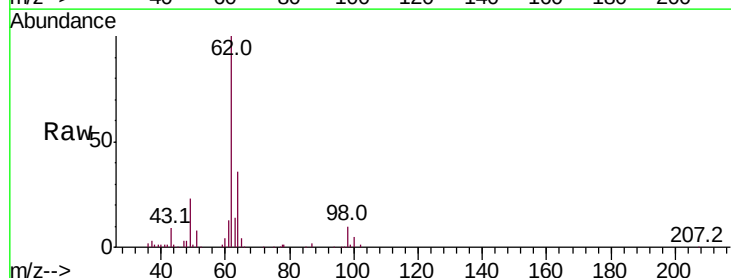
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

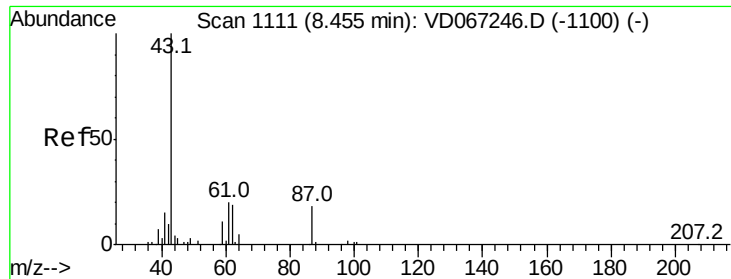
Tot Ion: 41 Resp: 76329
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
67 0.0 88.9 133.3#
52 0.0 36.9 55.3#



#42
1,2-Dichloroethane
Concen: 48.980 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 62 Resp: 162675
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 49.486 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

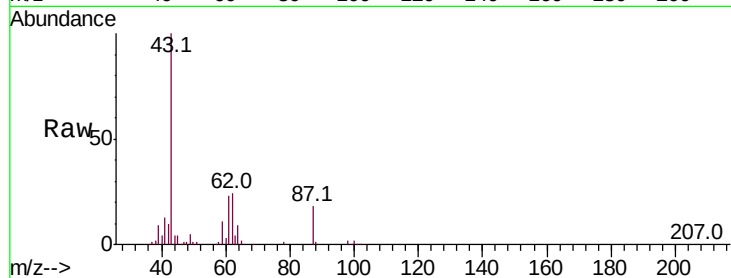
Tot Ion: 43 Resp: 111762

Ion Ratio Lower Upper

43 100

61 36.8 29.5 44.3

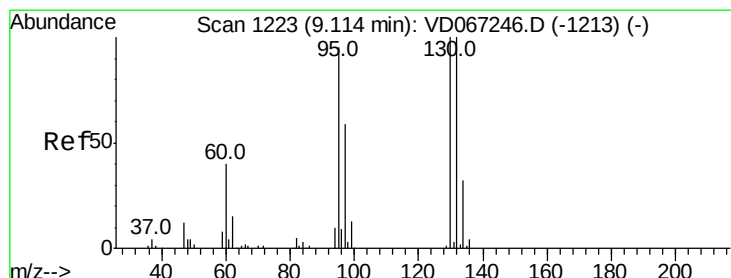
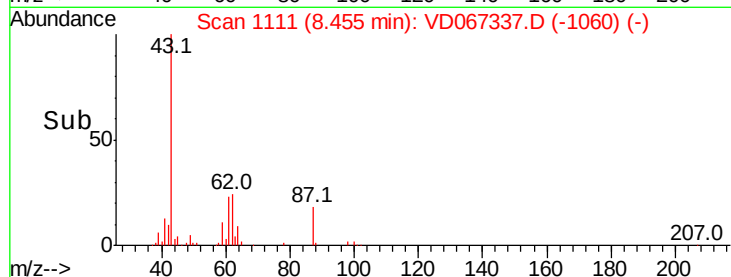
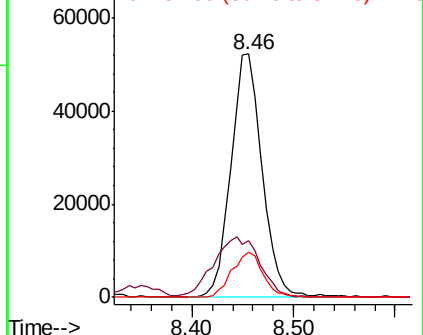
87 18.5 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.607 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067337.D

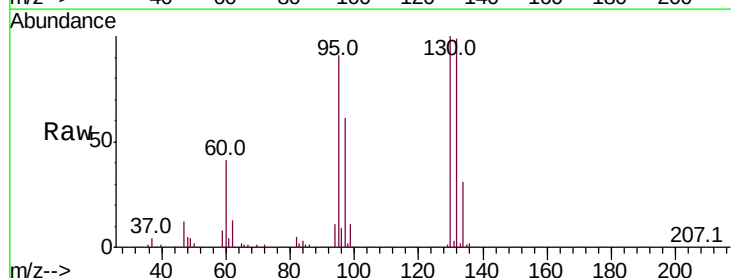
Acq: 21 Oct 2020 10:07

Tgt Ion:130 Resp: 168561

Ion Ratio Lower Upper

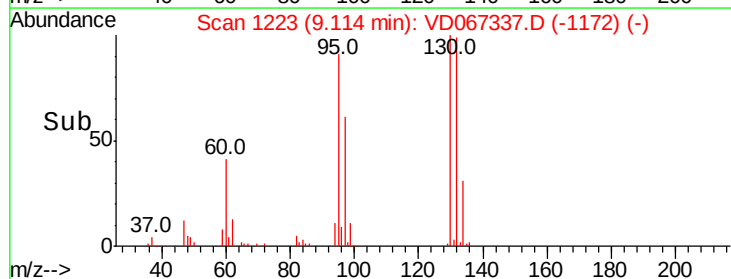
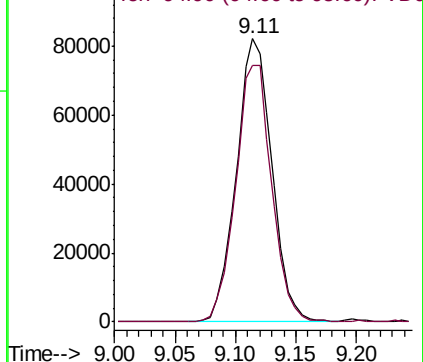
130 100

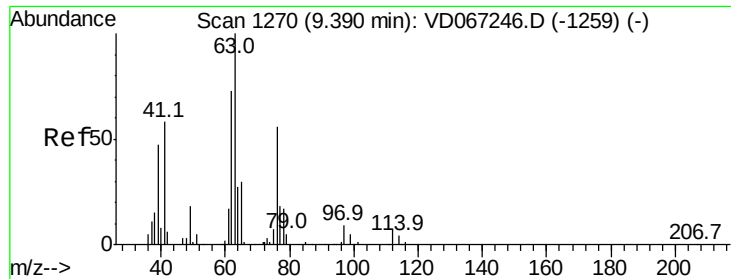
95 90.7 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.615 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

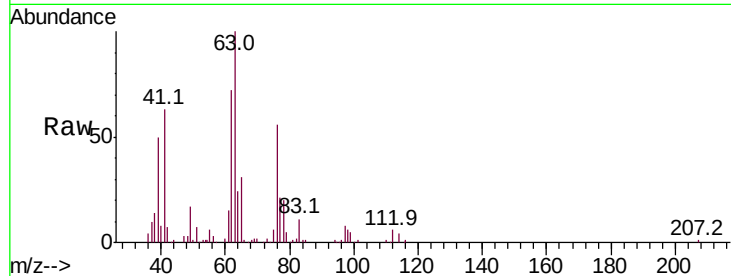
VSTDCCC050

Tot Ion: 63 Resp: 119574

Ion Ratio Lower Upper

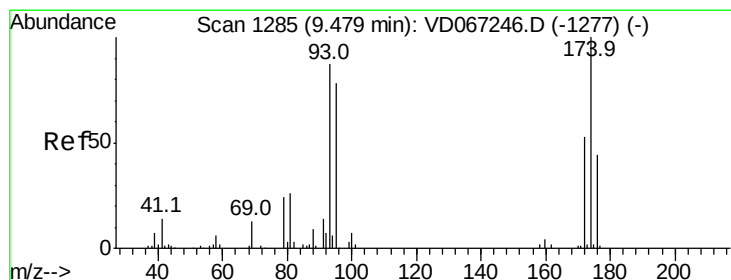
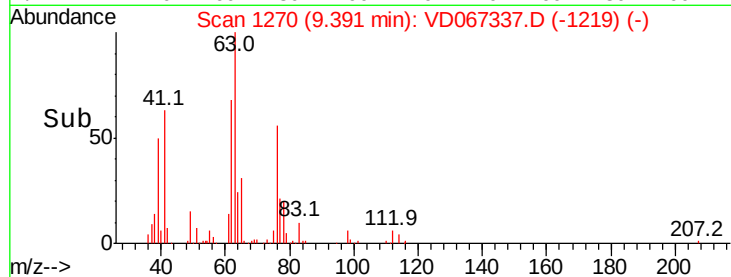
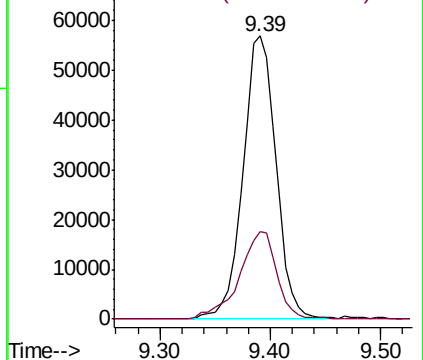
63 100

65 30.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 48.678 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

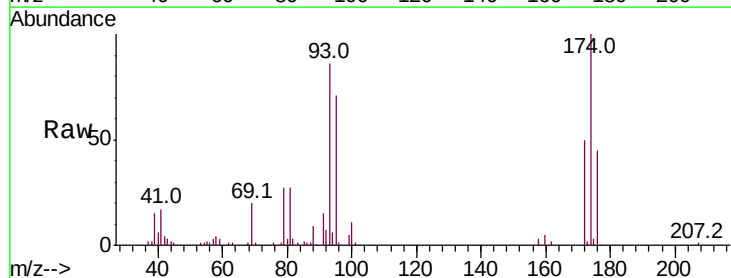
Tgt Ion: 93 Resp: 74596

Ion Ratio Lower Upper

93 100

95 84.0 68.0 102.0

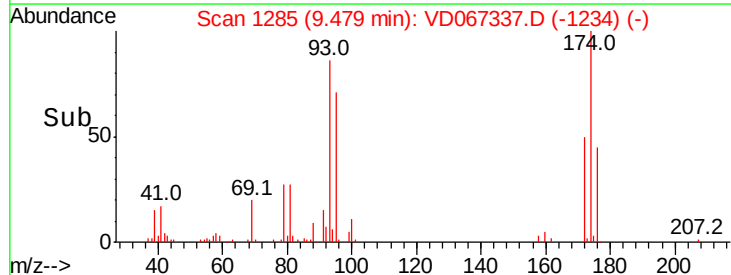
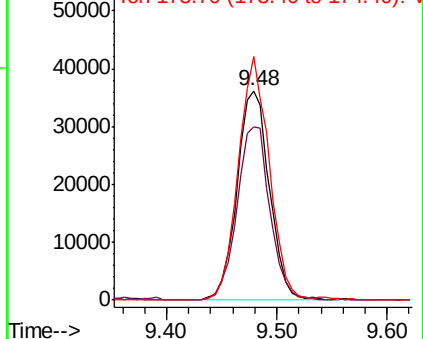
174 111.0 91.8 137.6

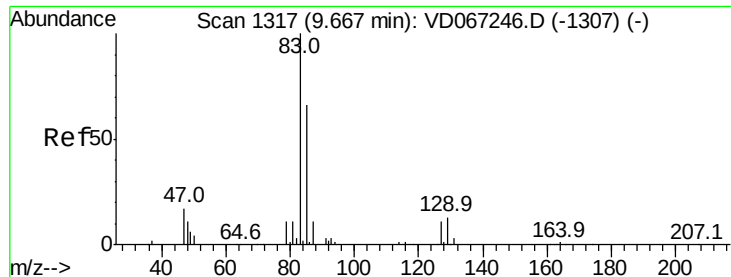


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.141 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

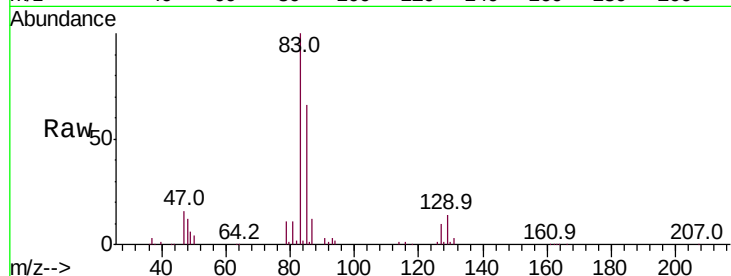
Tot Ion: 83 Resp: 205869

Ion Ratio Lower Upper

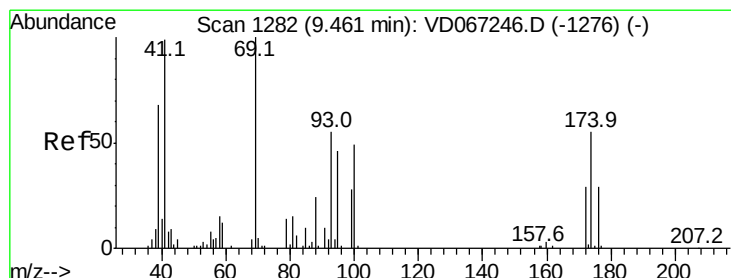
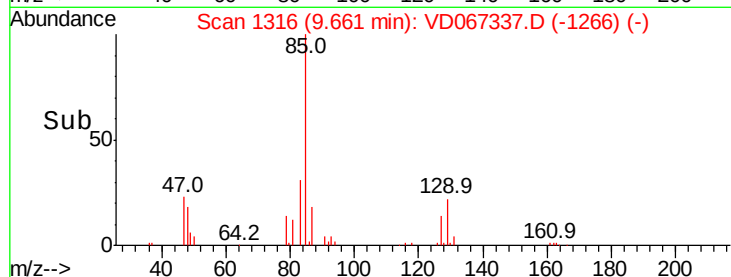
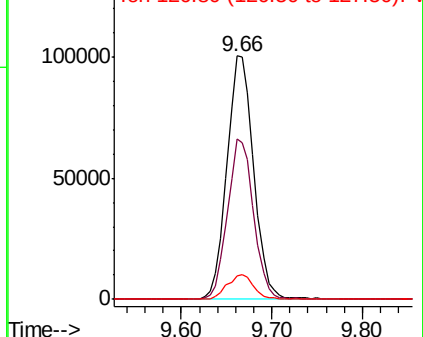
83 100

85 66.1 53.1 79.7

127 9.6 8.6 13.0



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: 50.101 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

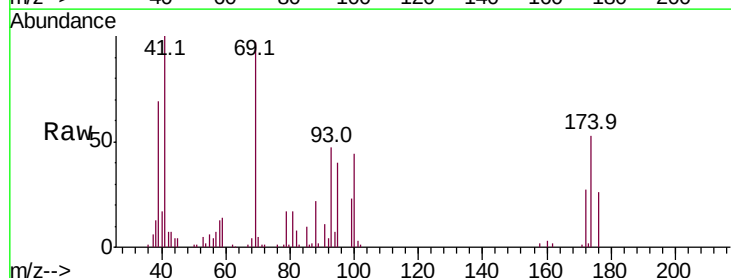
Tgt Ion: 41 Resp: 54987

Ion Ratio Lower Upper

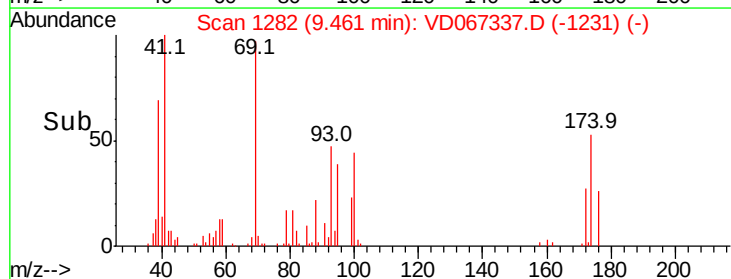
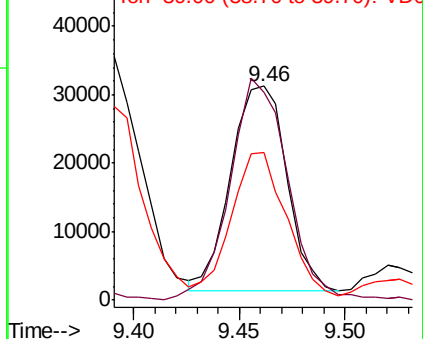
41 100

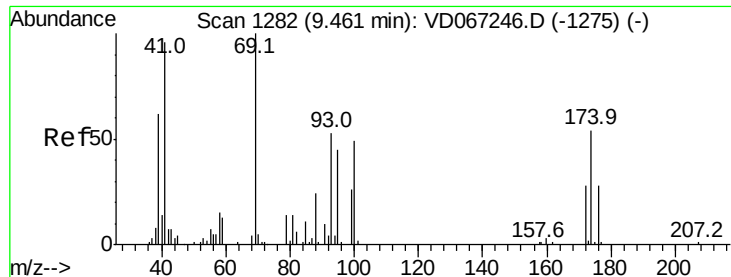
69 111.6 89.0 133.6

39 68.3 60.2 90.2



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: 958.763 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

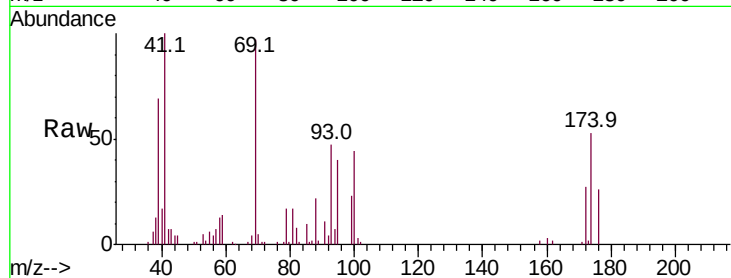
Tot Ion: 88 Resp: 14237

Ion Ratio Lower Upper

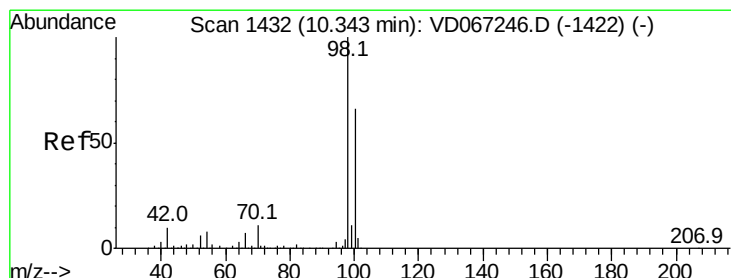
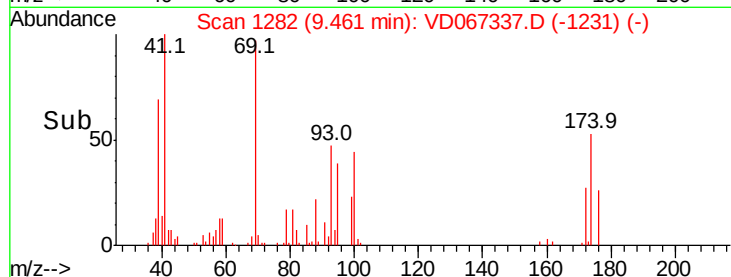
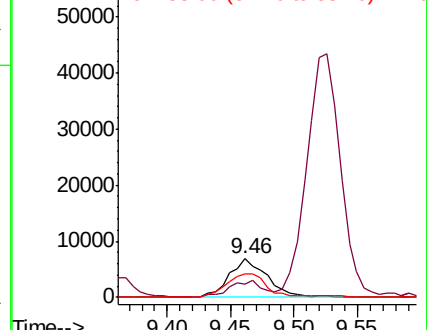
88 100

43 37.8 23.9 35.9#

58 66.7 51.0 76.6



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 54.097 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067337.D

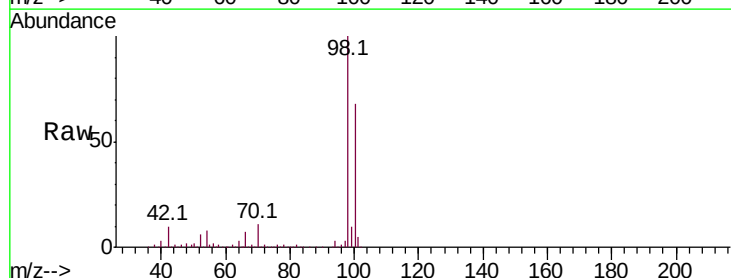
Acq: 21 Oct 2020 10:07

Tgt Ion: 98 Resp: 594654

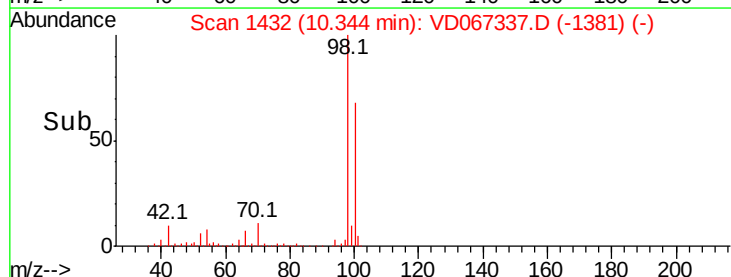
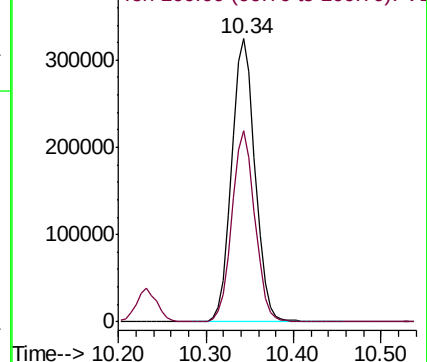
Ion Ratio Lower Upper

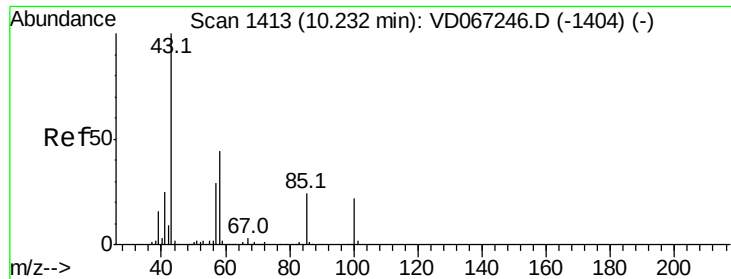
98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

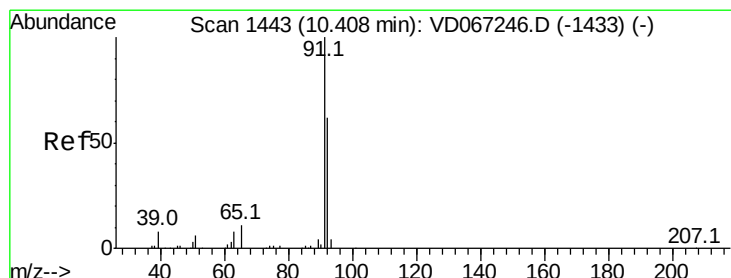
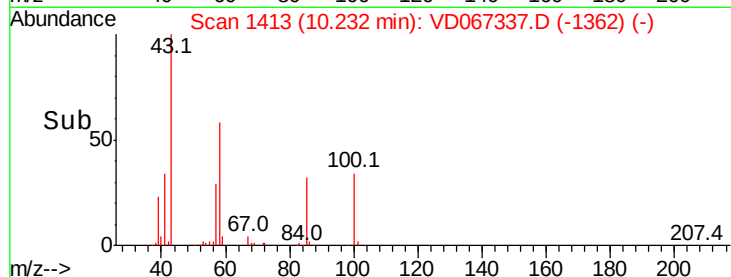
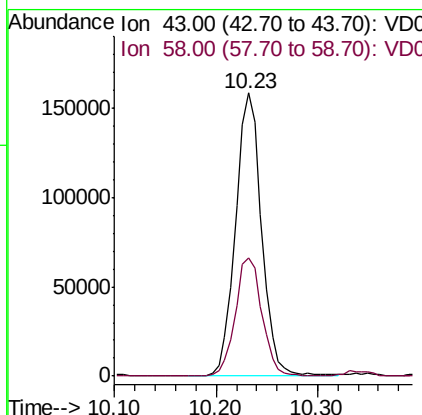
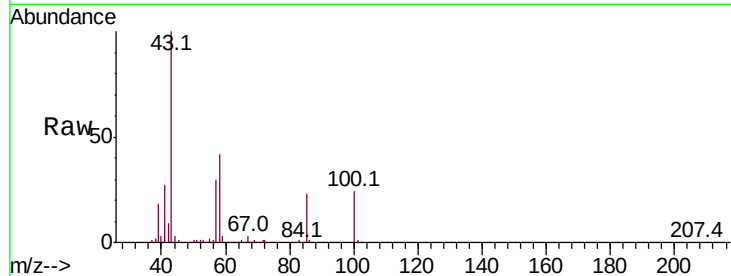




#51
4-Methyl-2-Pentanone
Concen: 251.283 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

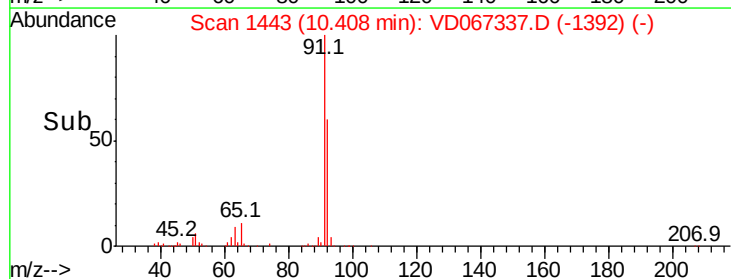
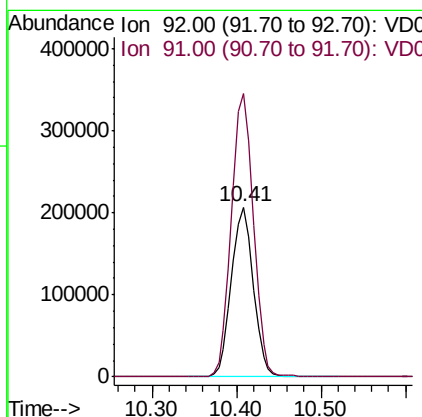
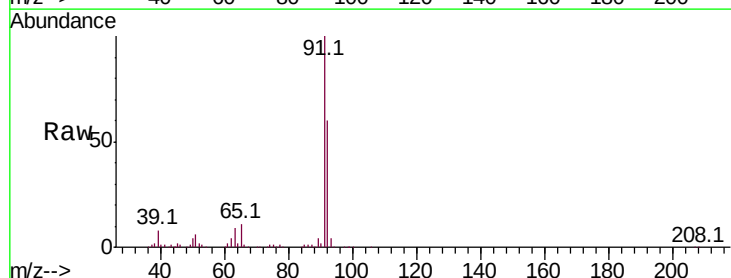
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

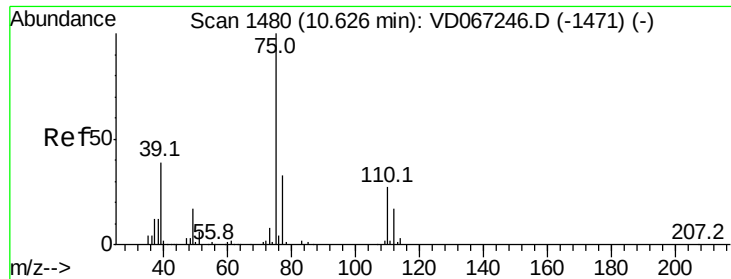
Tot Ion: 43 Resp: 283055
Ion Ratio Lower Upper
43 100
58 42.8 35.7 53.5



#52
Toluene
Concen: 51.249 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 92 Resp: 370443
Ion Ratio Lower Upper
92 100
91 167.5 133.8 200.8

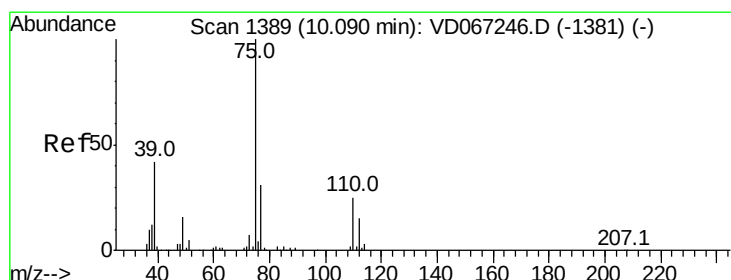
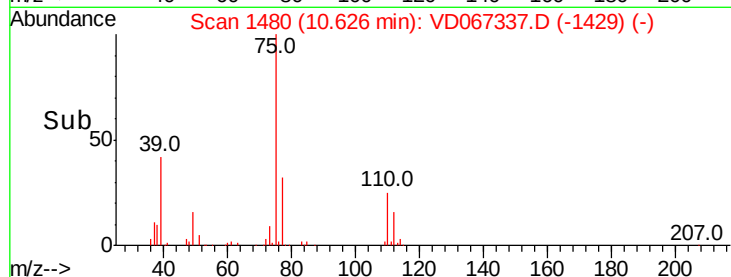
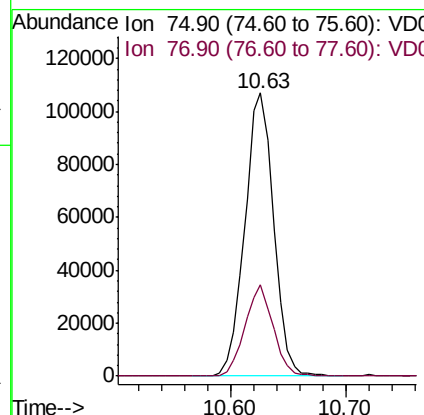
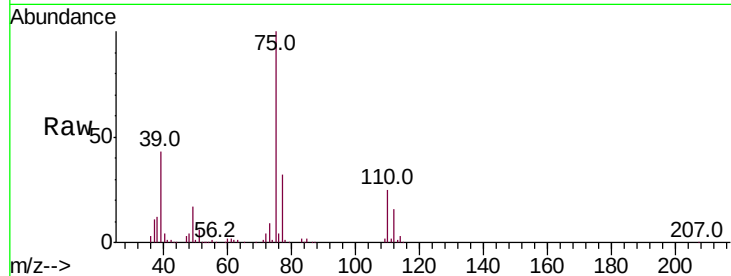




#53
t-1,3-Dichloropropene
Concen: 51.545 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

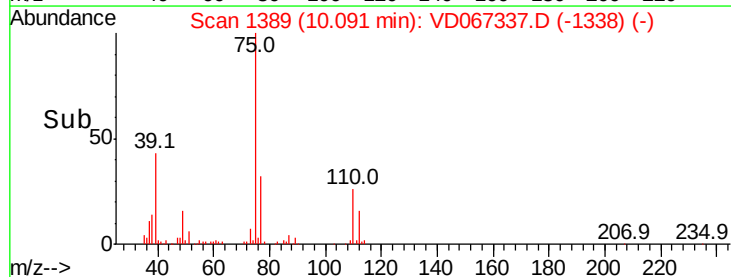
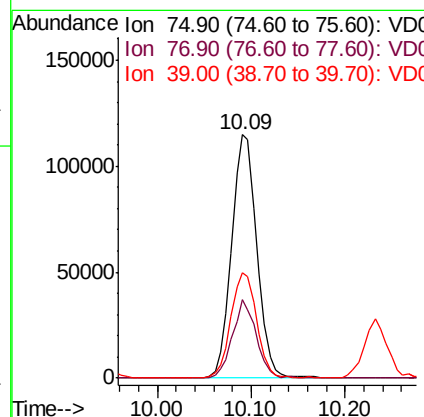
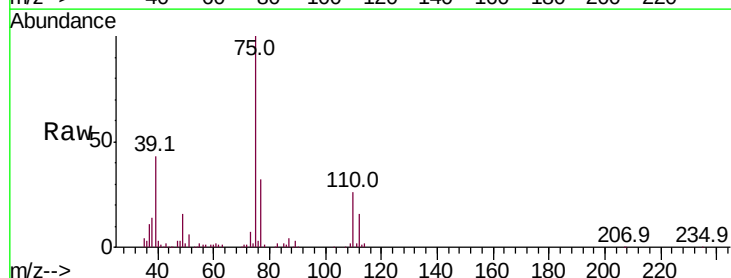
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

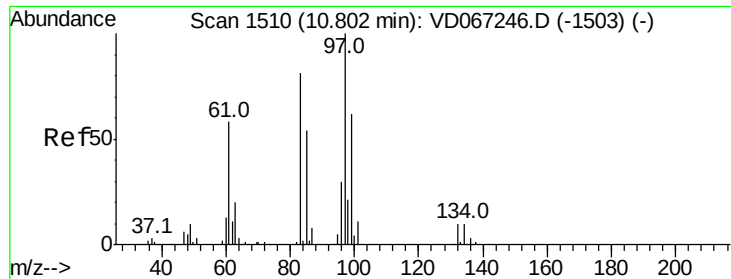
Tot Ion: 75 Resp: 185910
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 50.652 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 75 Resp: 213801
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7
39 43.0 33.7 50.5

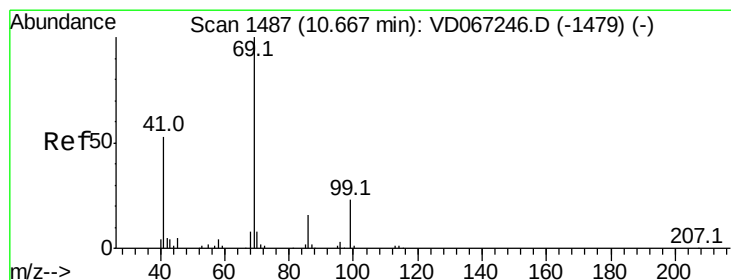
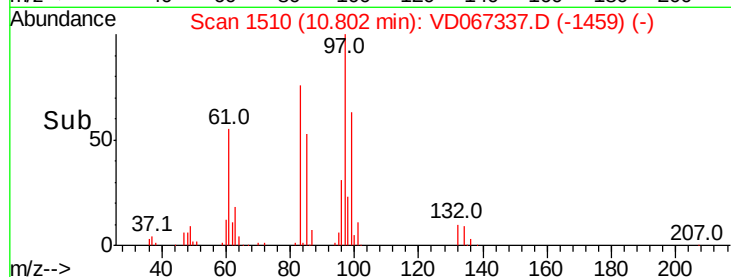
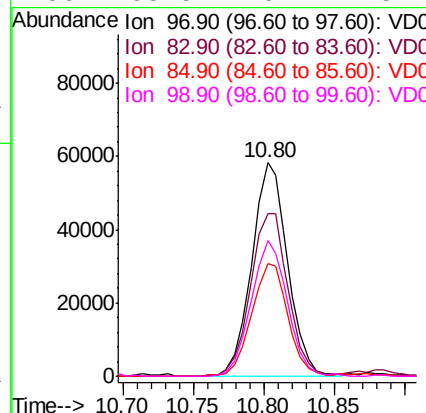
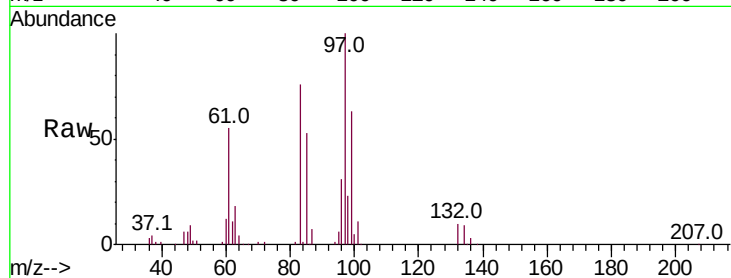




#55
 1,1,2-Trichloroethane
 Concen: 49.716 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

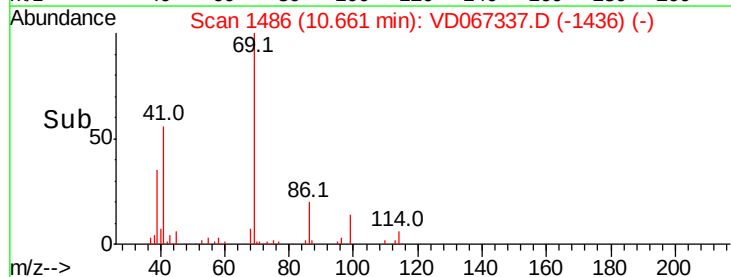
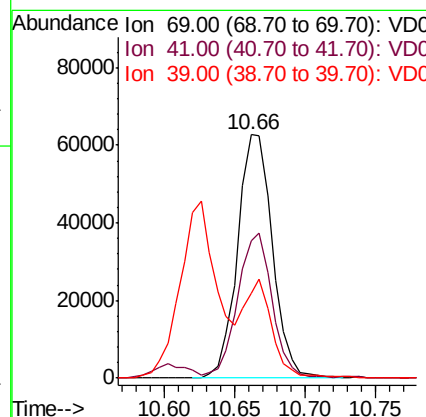
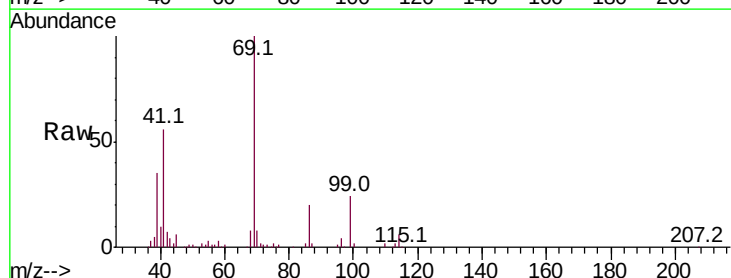
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

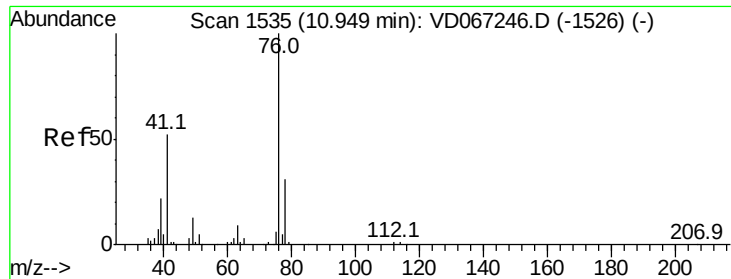
Tot Ion:	97	Resp:	103891
Ion	Ratio	Lower	Upper
97	100		
83	75.9	64.9	97.3
85	52.8	43.3	64.9
99	63.5	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 50.034 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion:	69	Resp:	108437
Ion	Ratio	Lower	Upper
69	100		
41	58.2	44.7	67.1
39	31.8	26.2	39.2





#57

1,3-Dichloropropane

Concen: 49.319 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

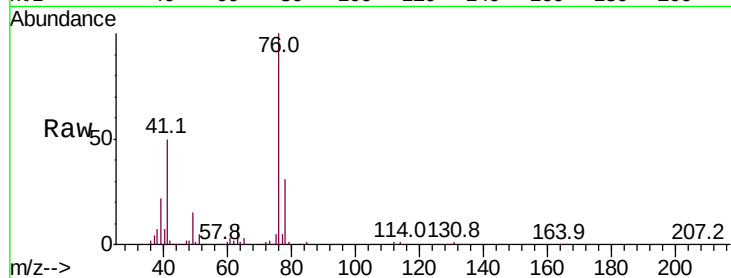
VSTDCCC050

Tot Ion: 76 Resp: 164017

Ion Ratio Lower Upper

76 100

78 32.0 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

80000

60000

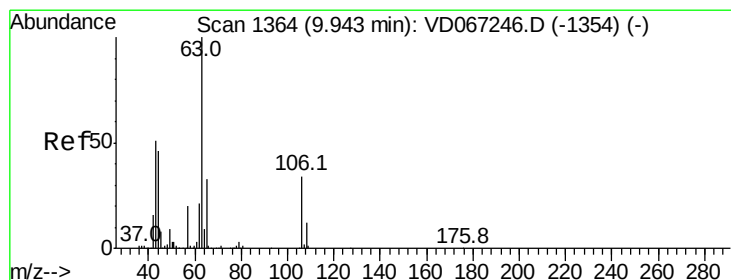
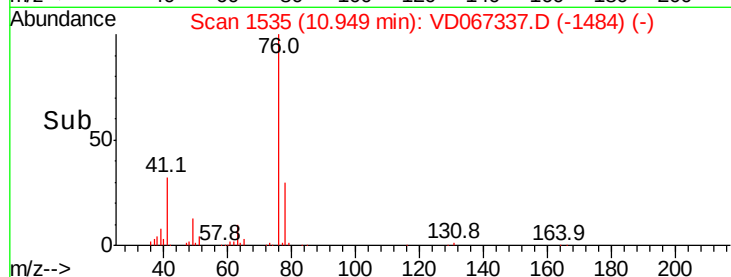
40000

20000

0

10.90 11.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.435 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067337.D

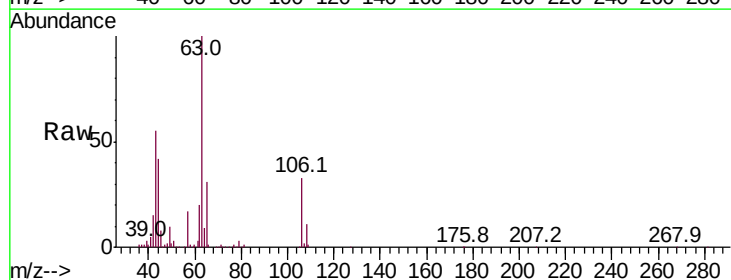
Acq: 21 Oct 2020 10:07

Tgt Ion: 63 Resp: 296221

Ion Ratio Lower Upper

63 100

106 35.1 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

200000

150000

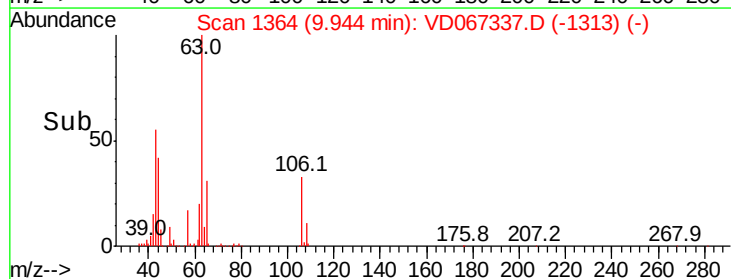
100000

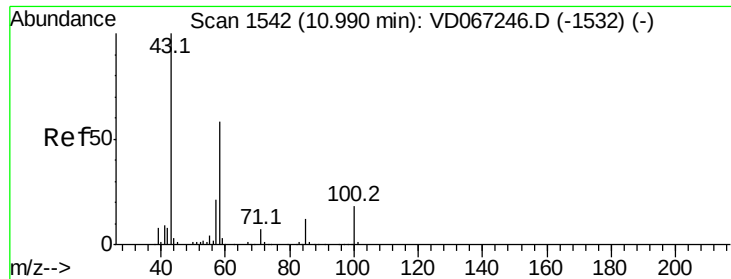
50000

0

9.90 10.00

Time-->

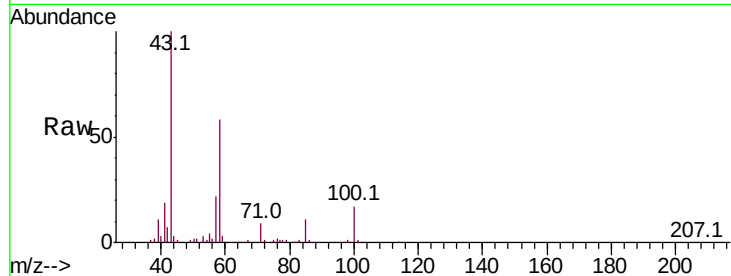




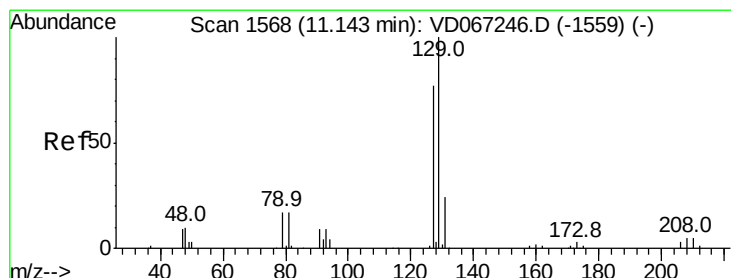
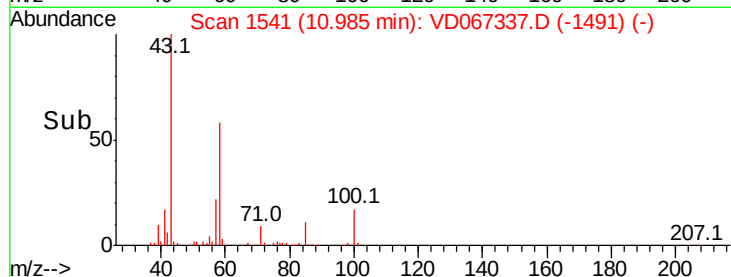
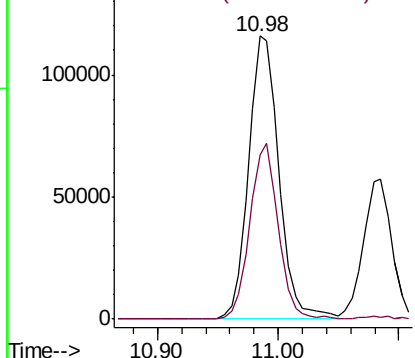
#59
2-Hexanone
Concen: 264.070 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 203263
Ion Ratio Lower Upper
43 100
58 58.0 29.3 87.9

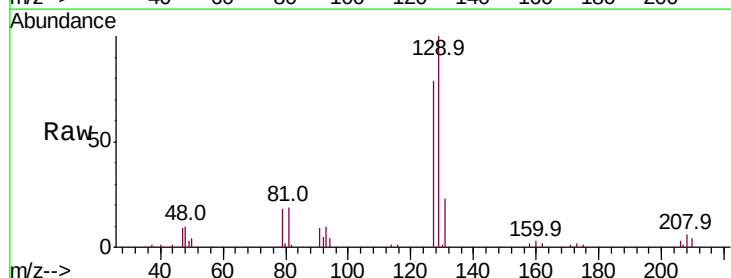


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

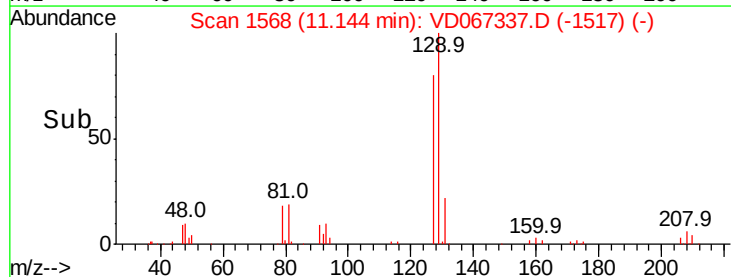
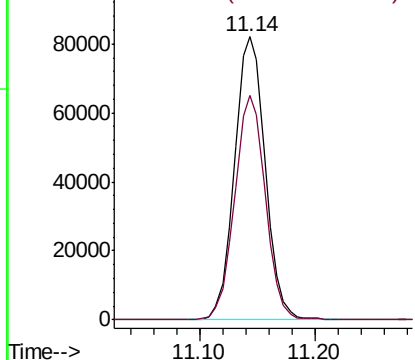


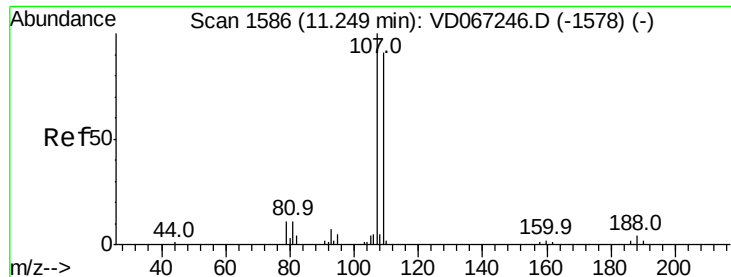
#60
Dibromochloromethane
Concen: 49.411 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 129 Resp: 150583
Ion Ratio Lower Upper
129 100
127 79.5 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

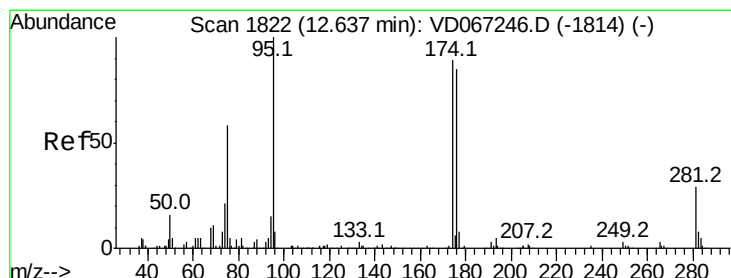
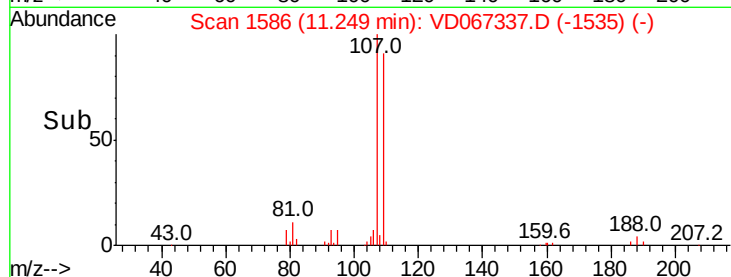
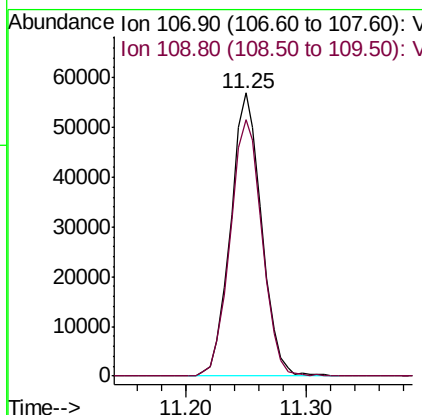
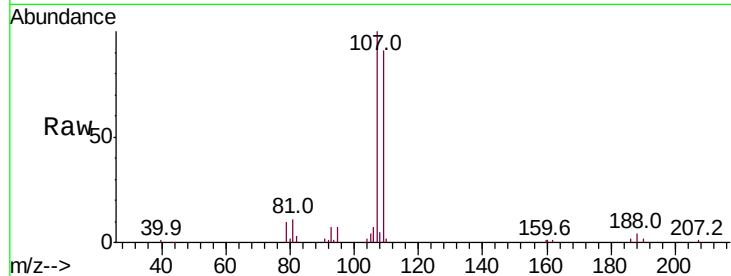




#61
 1,2-Dibromoethane
 Concen: 49.235 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

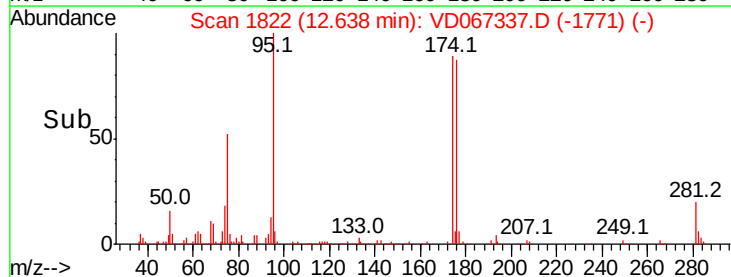
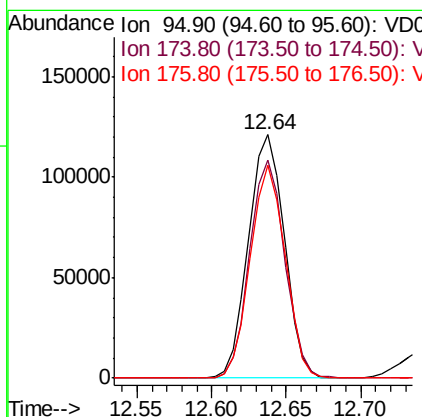
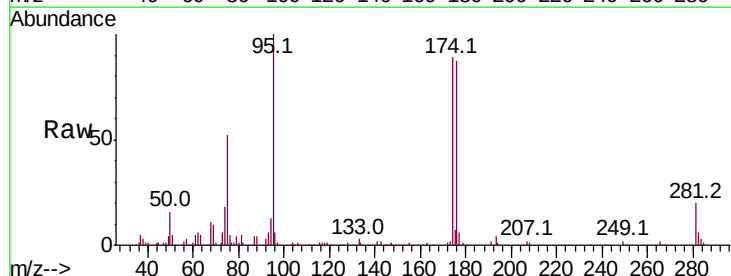
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

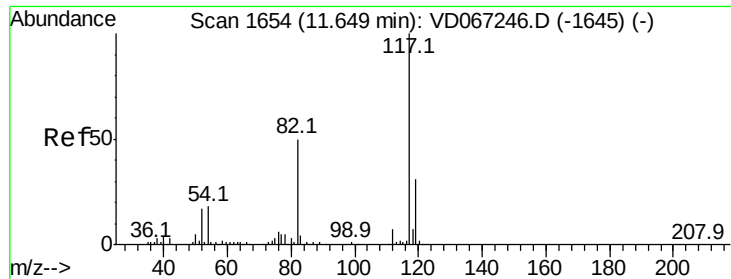
Tot Ion:107 Resp: 101431
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 52.902 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion: 95 Resp: 202208
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 175.2
 176 85.1 0.0 168.6

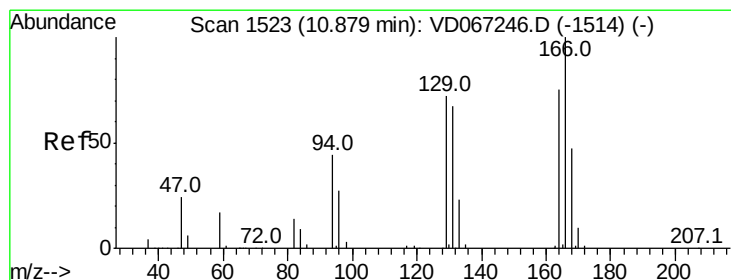
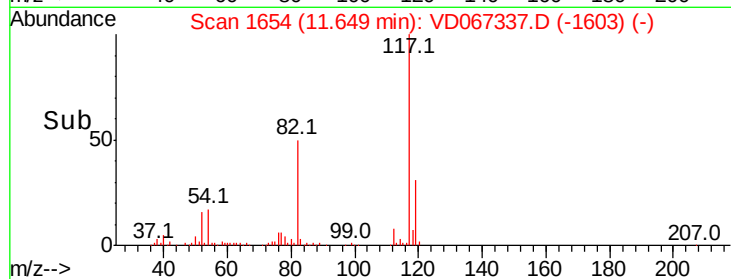
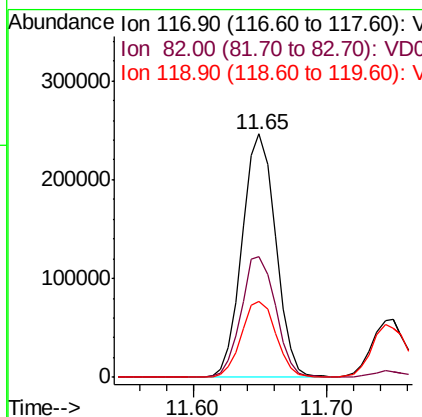
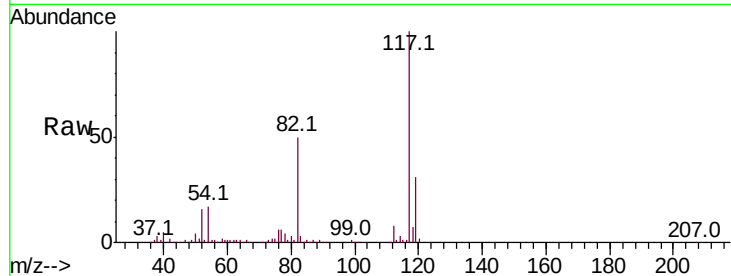




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

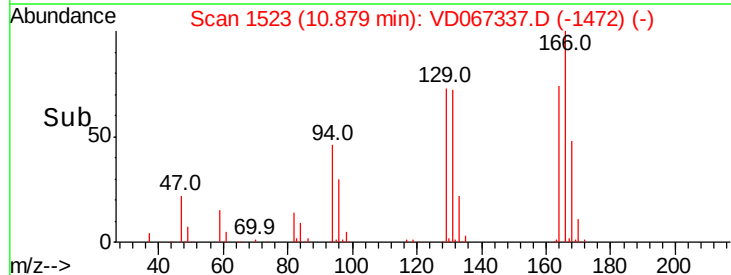
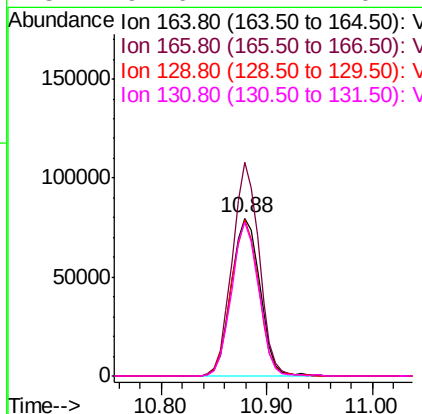
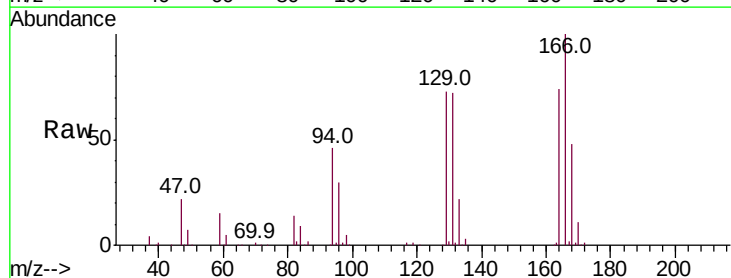
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

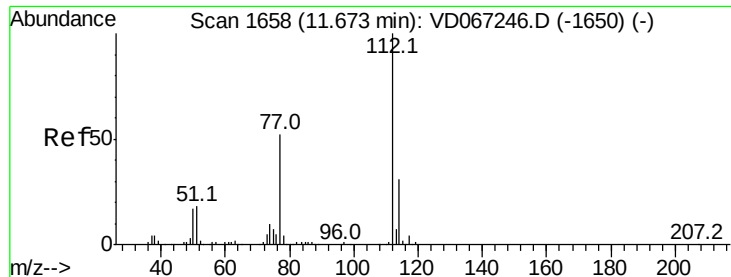
Tot Ion:117 Resp: 428220
Ion Ratio Lower Upper
117 100
82 49.6 39.9 59.9
119 31.3 24.9 37.3



#64
Tetrachloroethene
Concen: 48.117 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion:164 Resp: 149287
Ion Ratio Lower Upper
164 100
166 135.2 107.3 160.9
129 98.9 77.3 115.9
131 97.6 71.4 107.2

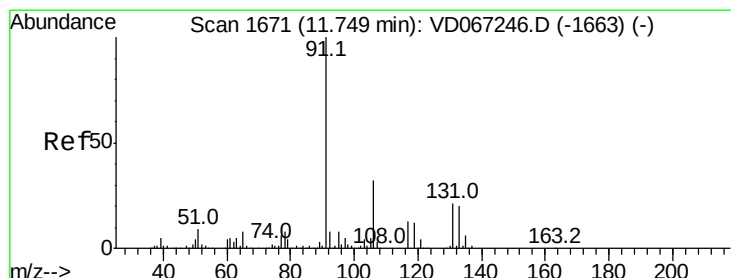
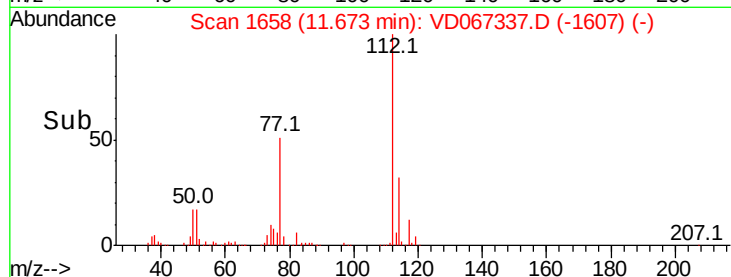
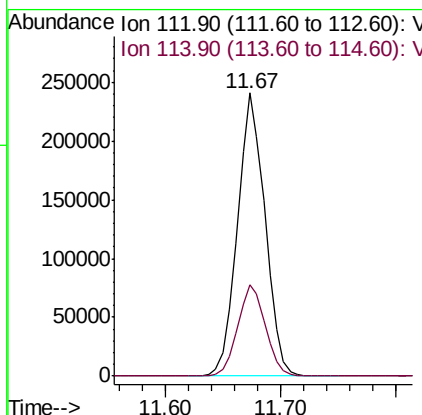
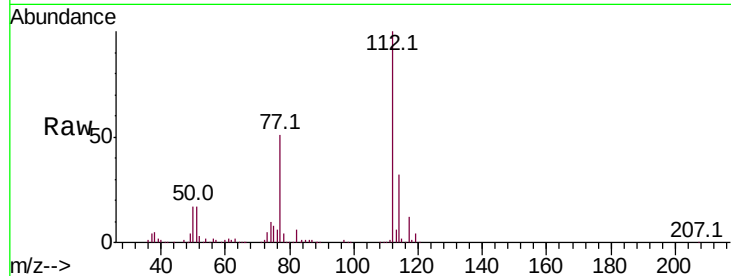




#65
Chlorobenzene
Concen: 48.581 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

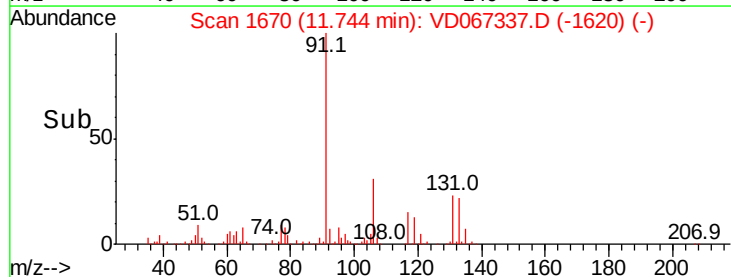
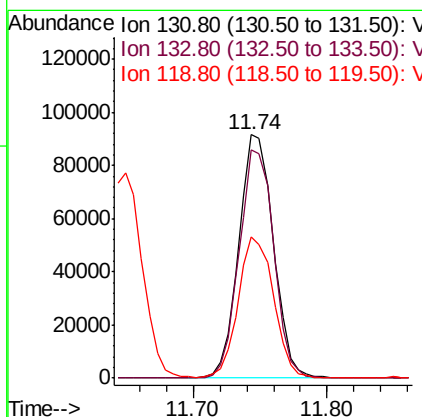
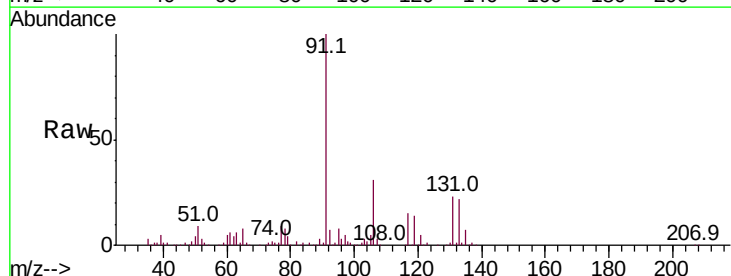
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

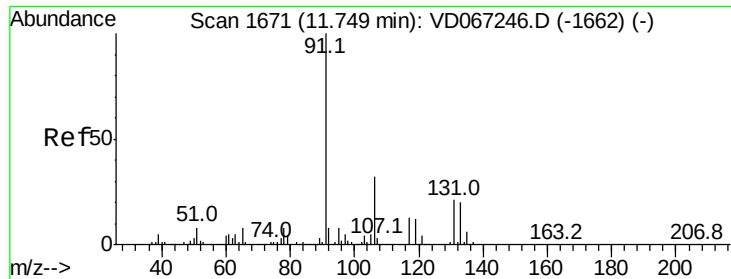
Tot Ion:112 Resp: 398923
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.344 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion:131 Resp: 164307
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 59.5 30.0 90.0





#67

Ethyl Benzene

Concen: 50.343 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

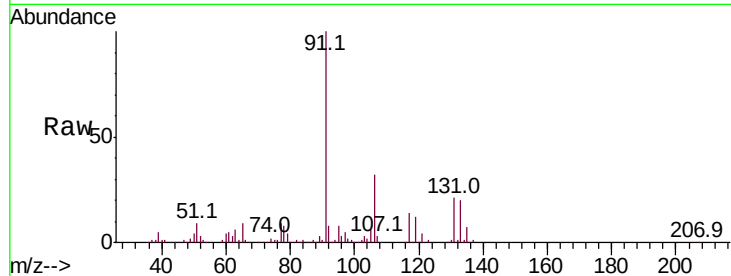
VSTDCCC050

Tot Ion: 91 Resp: 708640

Ion Ratio Lower Upper

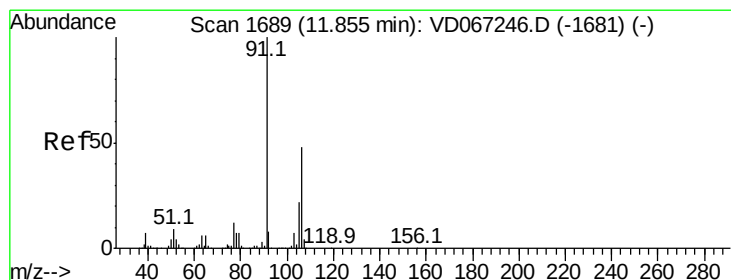
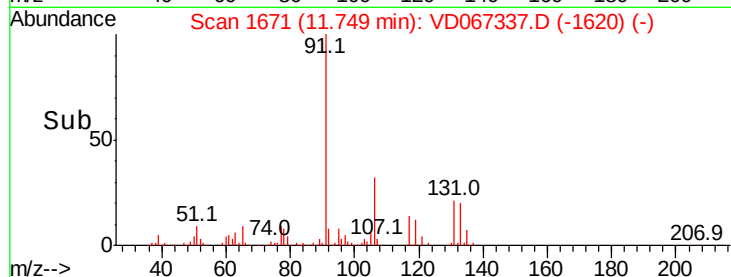
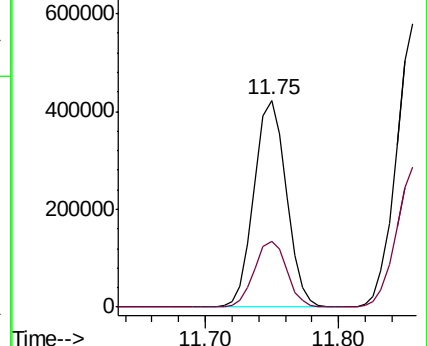
91 100

106 31.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 102.305 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067337.D

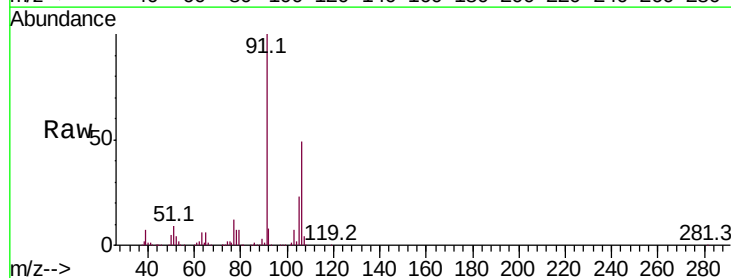
Acq: 21 Oct 2020 10:07

Tgt Ion: 106 Resp: 554549

Ion Ratio Lower Upper

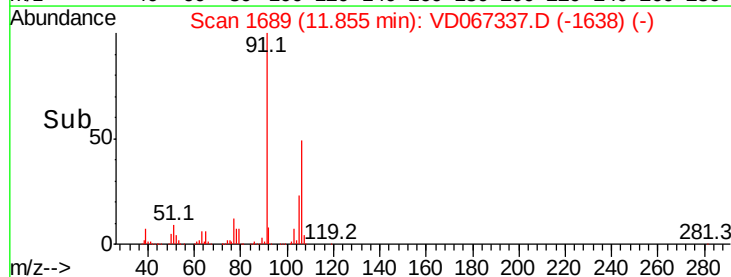
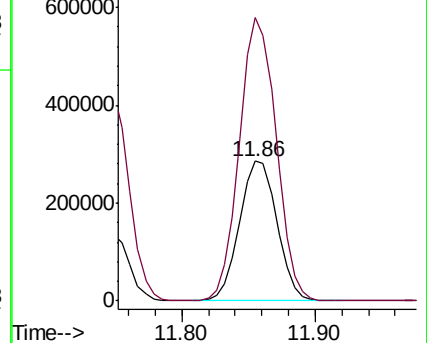
106 100

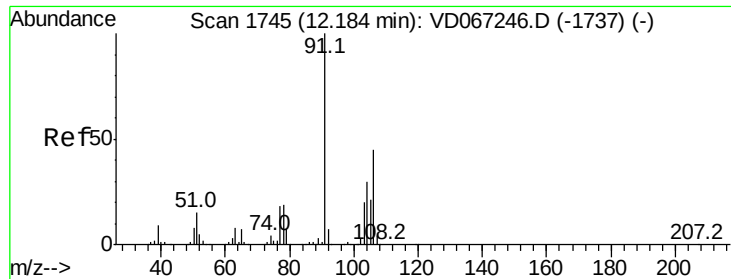
91 200.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

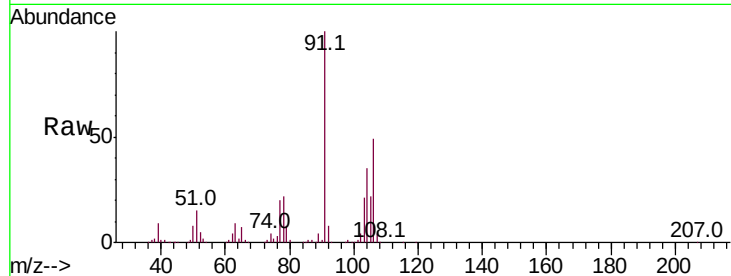




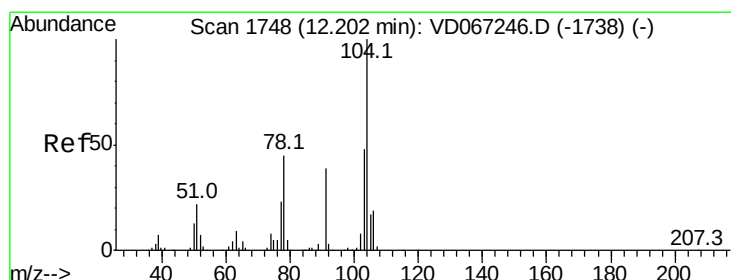
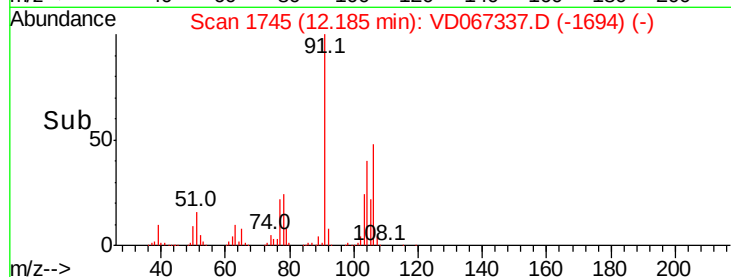
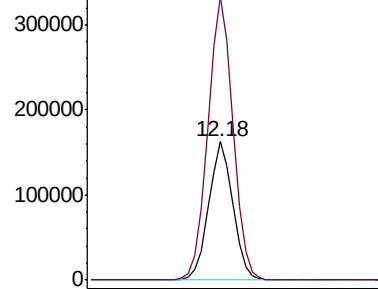
#69
o-Xylene
Concen: 50.043 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 251190
Ion Ratio Lower Upper
106 100
91 210.3 109.1 327.3

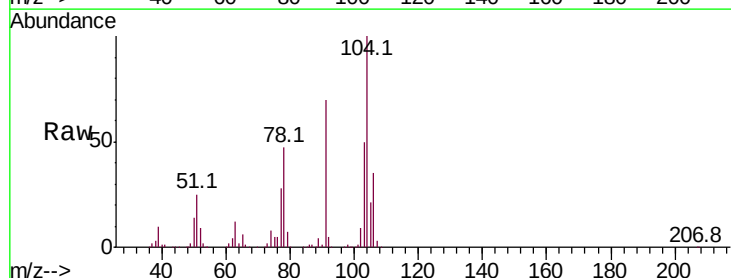


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

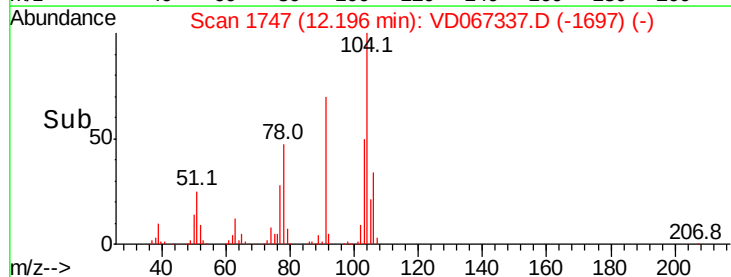
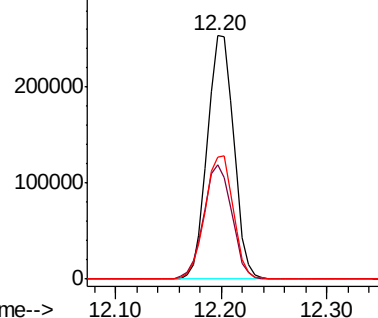


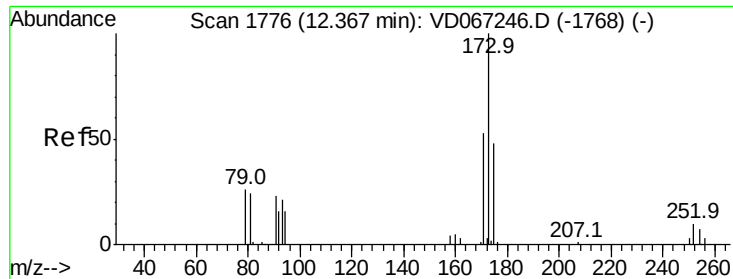
#70
Styrene
Concen: 50.842 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion:104 Resp: 439311
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 53.9 42.6 64.0



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: 49.395 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

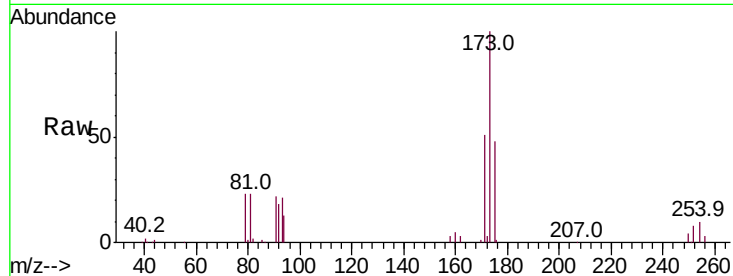
Tot Ion:173 Resp: 86605

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

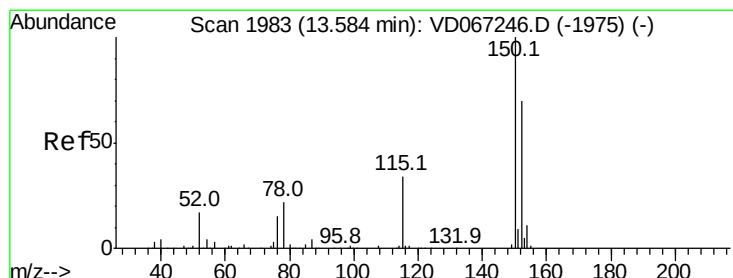
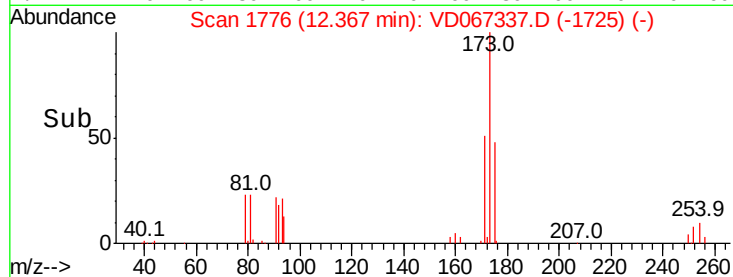
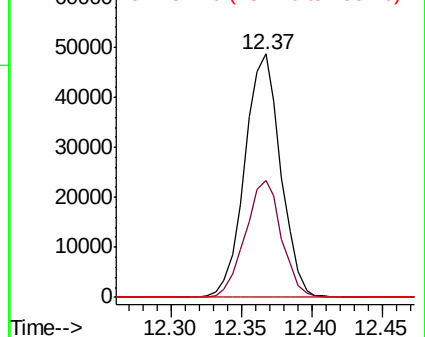
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

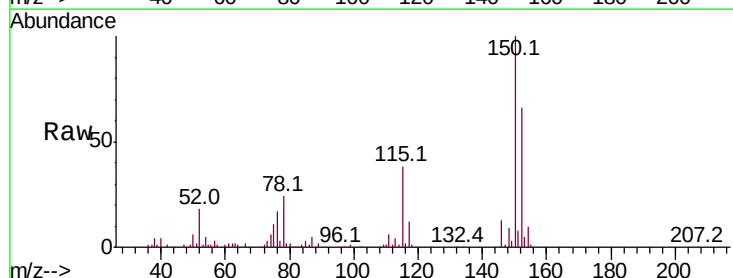
Tgt Ion:152 Resp: 217689

Ion Ratio Lower Upper

152 100

115 58.2 29.3 87.9

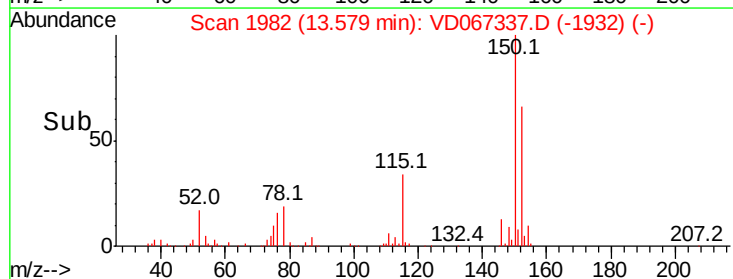
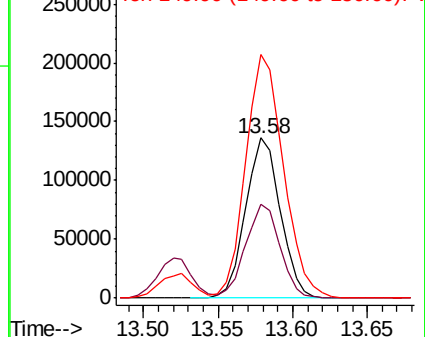
150 167.0 0.0 339.0

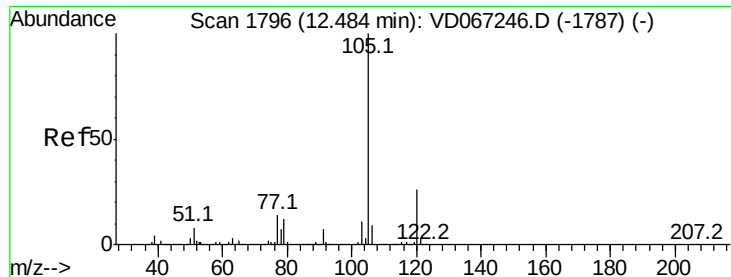


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.067 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

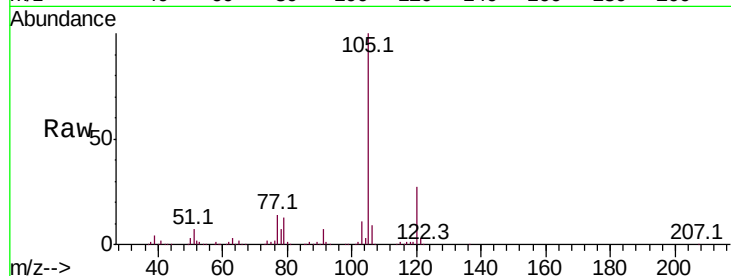
VSTDCCC050

Tot Ion:105 Resp: 719357

Ion Ratio Lower Upper

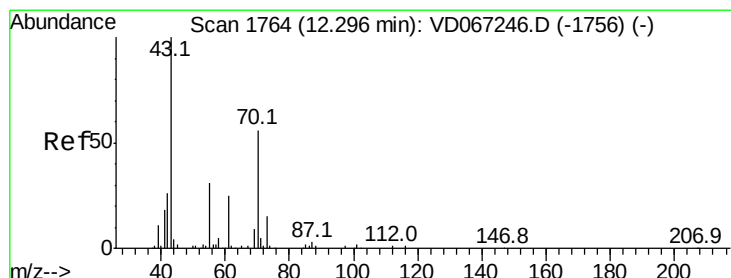
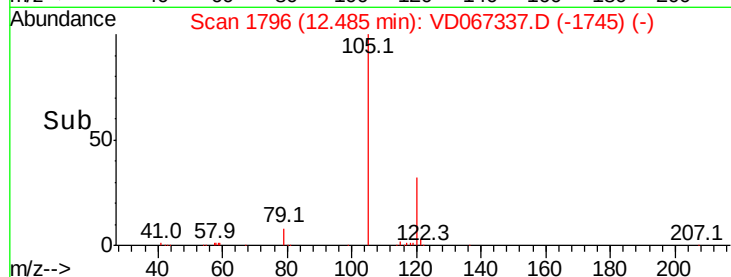
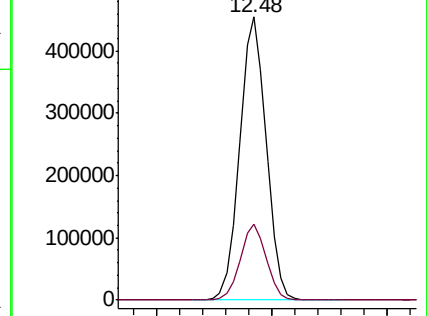
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.452 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion: 43 Resp: 101103

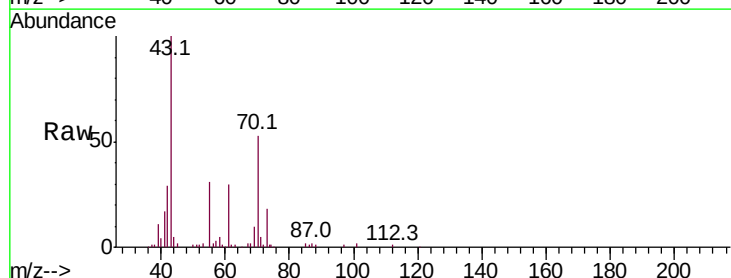
Ion Ratio Lower Upper

43 100

70 52.5 42.7 64.1

55 29.0 24.0 36.0

61 28.3 22.2 33.4

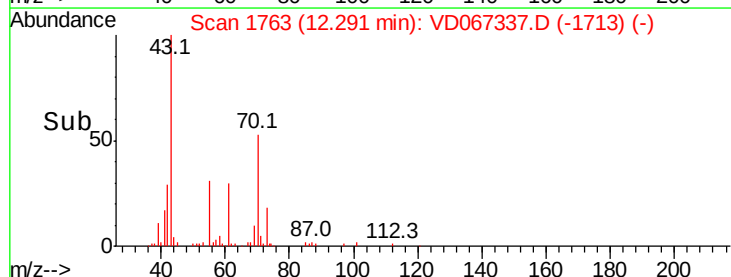
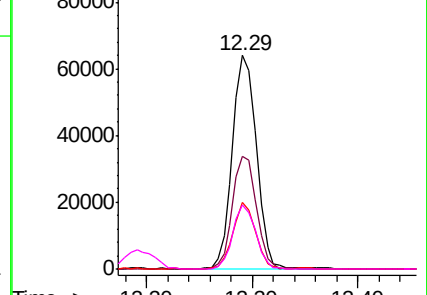


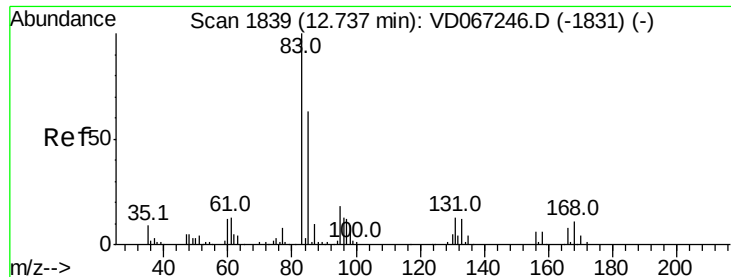
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.328 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

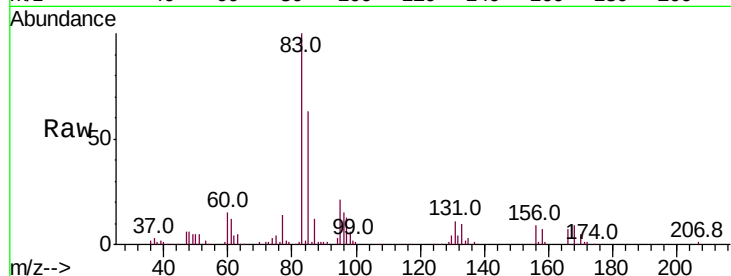
Tot Ion: 83 Resp: 102307

Ion Ratio Lower Upper

83 100

131 13.6 6.5 19.5

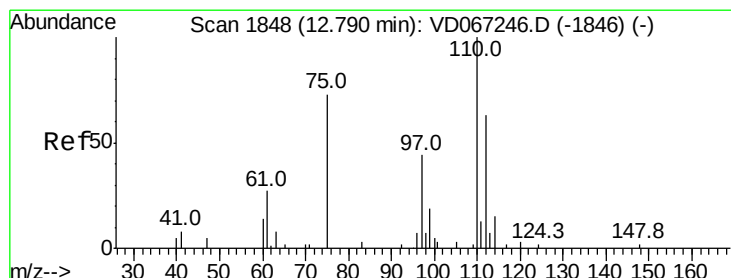
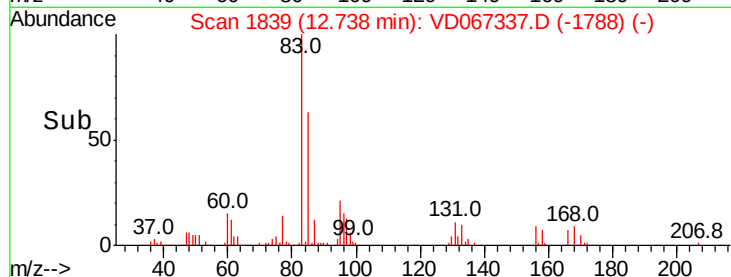
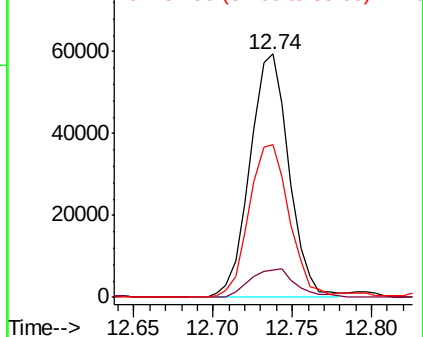
85 64.7 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 93.607 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067337.D

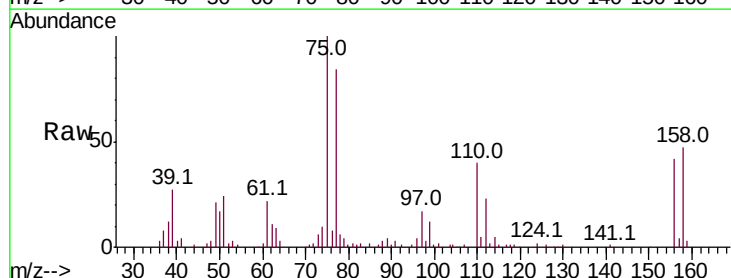
Acq: 21 Oct 2020 10:07

Tgt Ion: 75 Resp: 141234

Ion Ratio Lower Upper

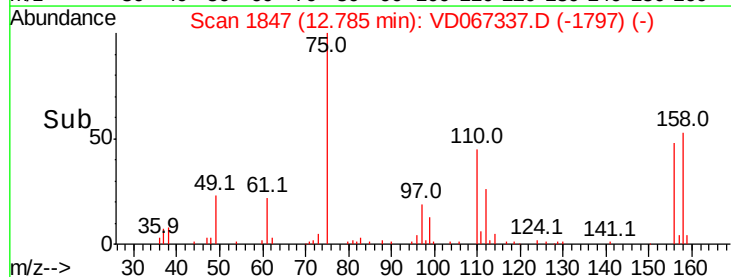
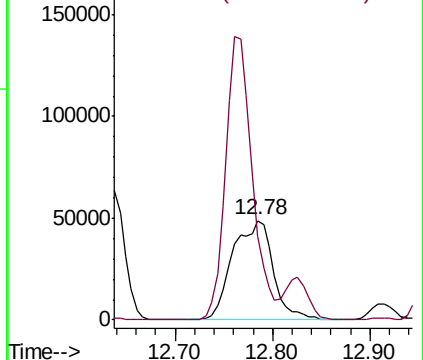
75 100

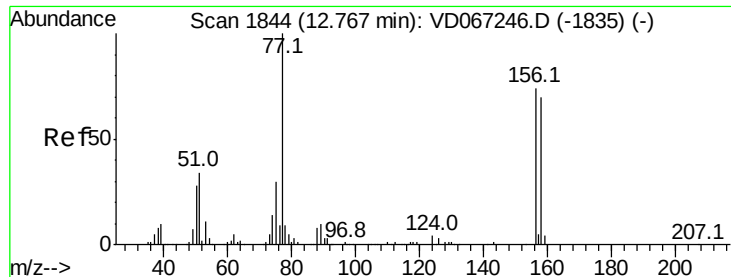
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.830 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

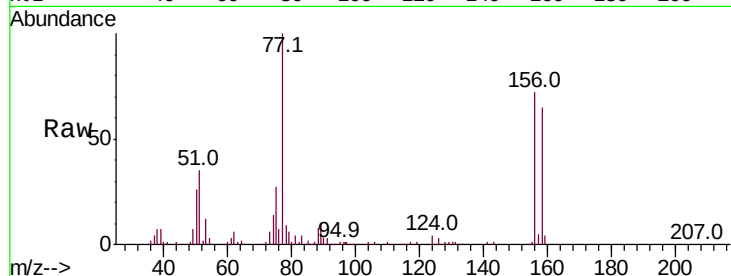
Tot Ion:156 Resp: 171637

Ion Ratio Lower Upper

156 100

77 153.7 78.0 233.8

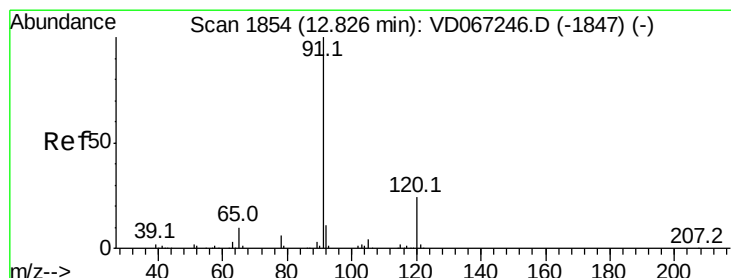
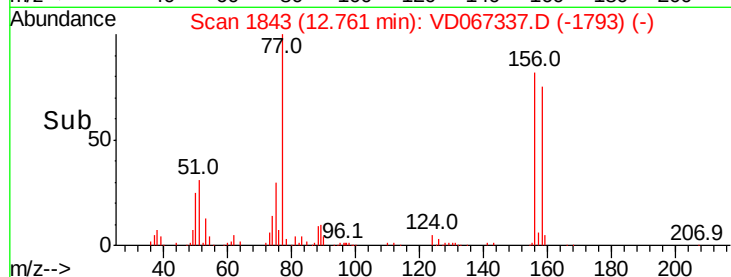
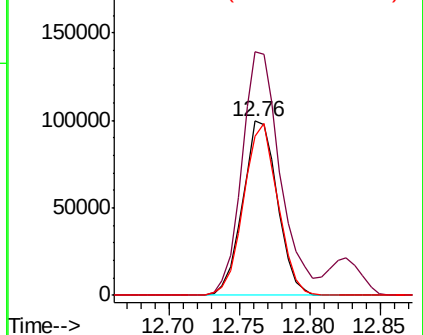
158 96.7 49.1 147.3



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: 51.146 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067337.D

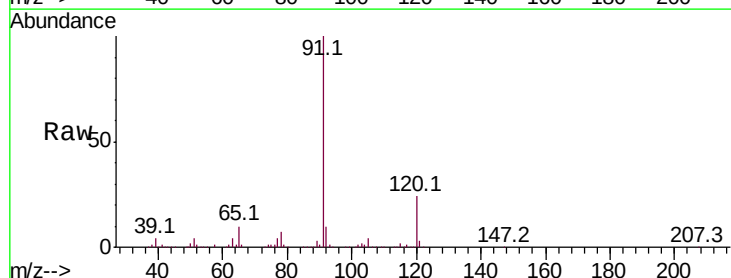
Acq: 21 Oct 2020 10:07

Tgt Ion: 91 Resp: 818731

Ion Ratio Lower Upper

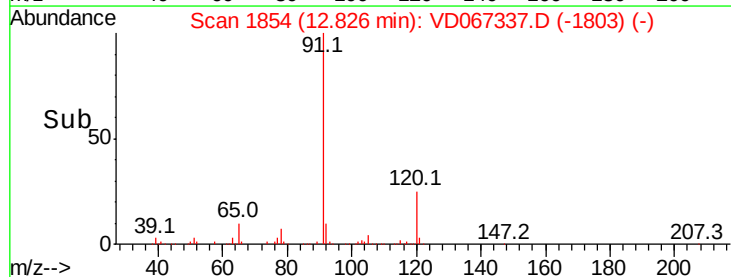
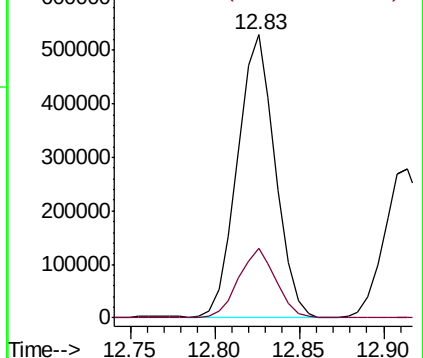
91 100

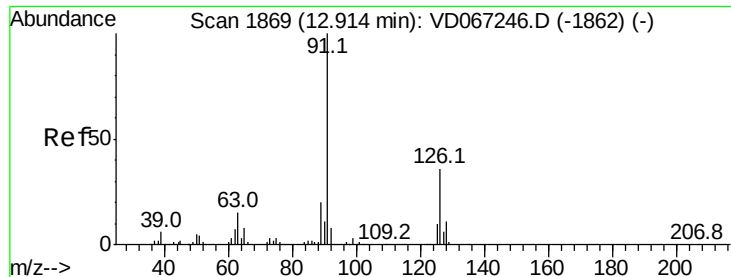
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.441 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

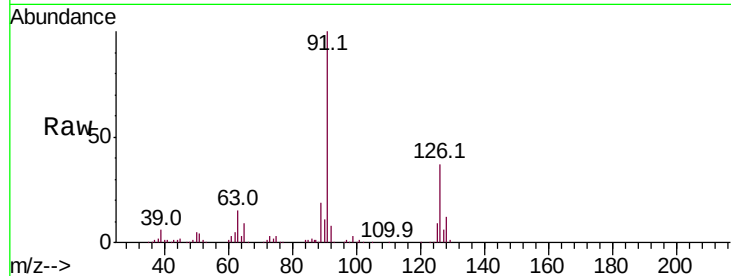
VSTDCCC050

Tot Ion: 91 Resp: 468247

Ion Ratio Lower Upper

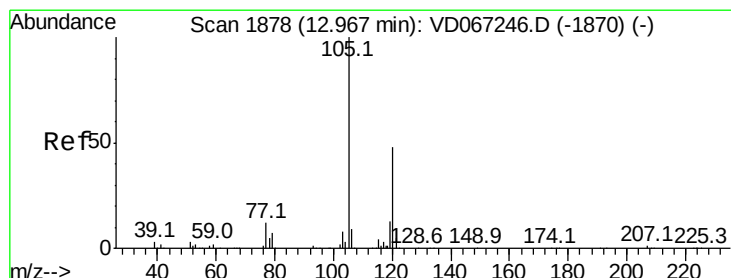
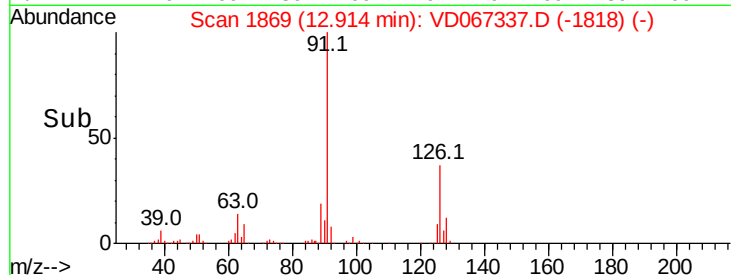
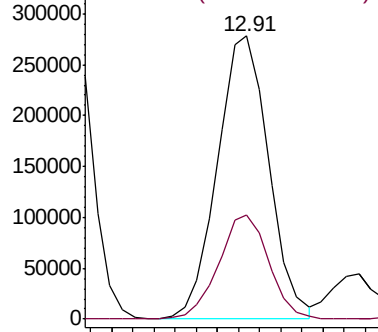
91 100

126 36.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.584 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067337.D

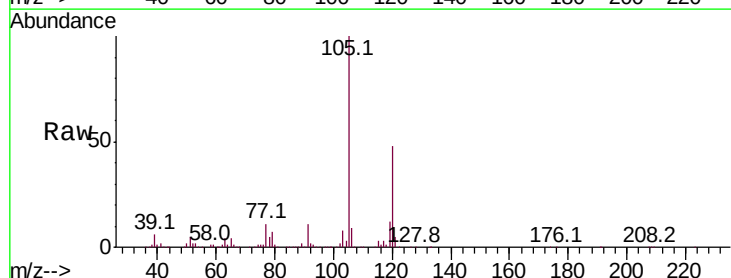
Acq: 21 Oct 2020 10:07

Tgt Ion: 105 Resp: 619323

Ion Ratio Lower Upper

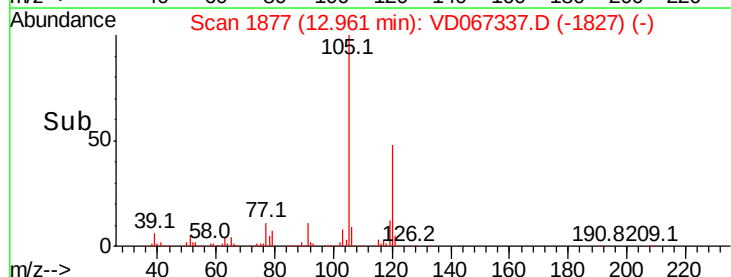
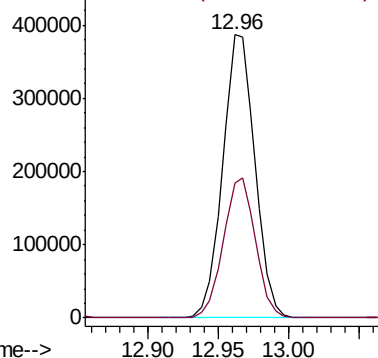
105 100

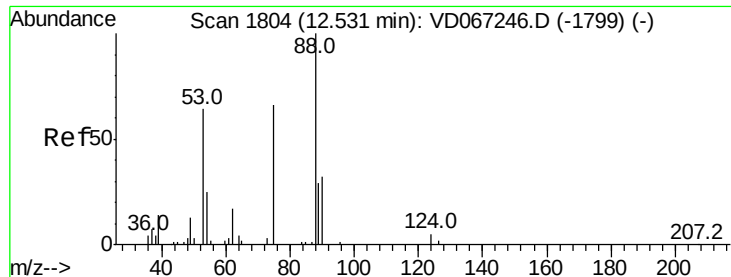
120 49.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

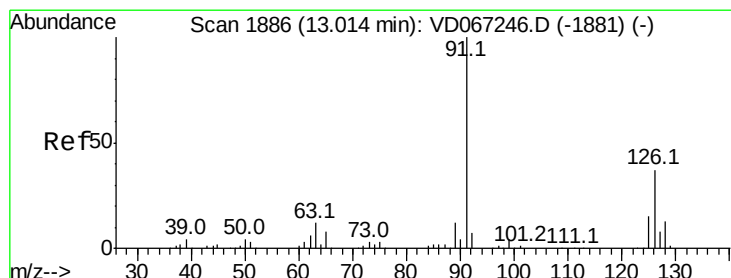
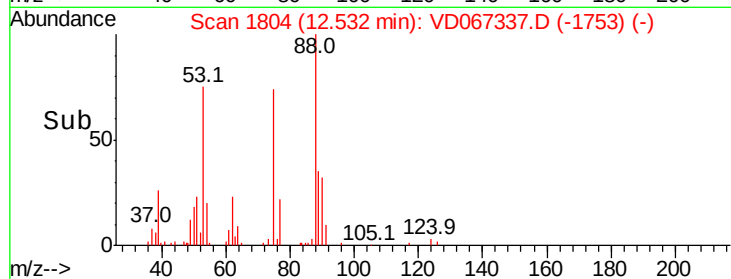
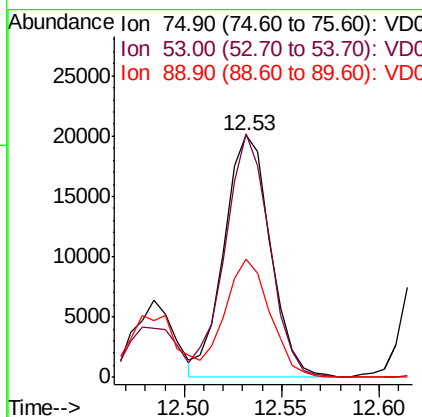
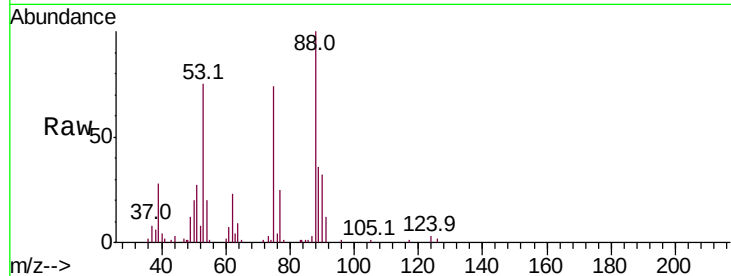




#81
trans-1,4-Dichloro-2-butene
Concen: 49.644 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

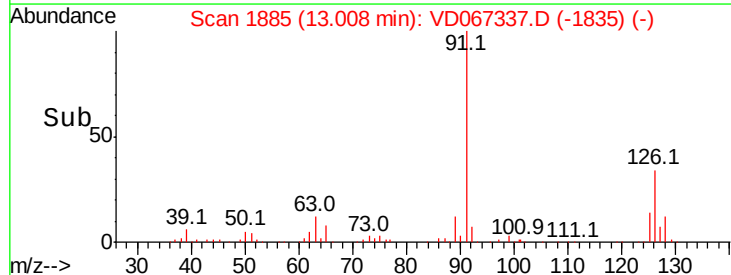
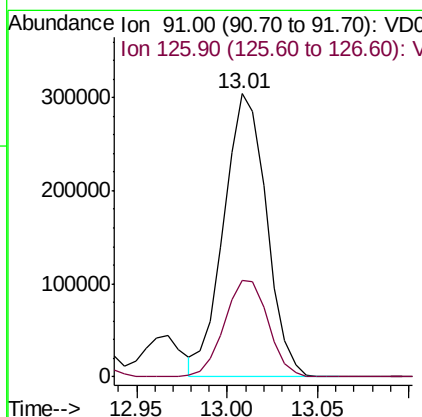
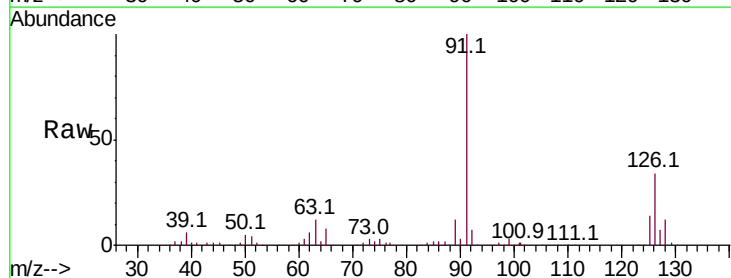
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

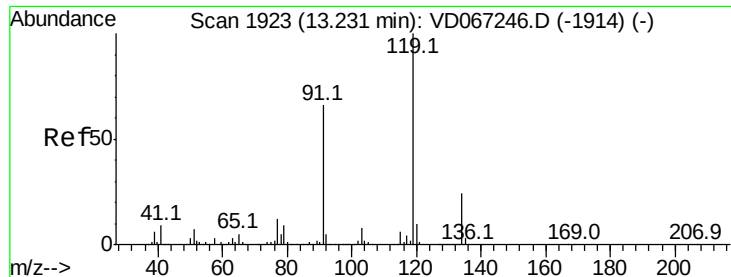
Tot Ion: 75 Resp: 33030
Ion Ratio Lower Upper
75 100
53 96.6 78.5 117.7
89 47.7 39.9 59.9



#82
4-Chlorotoluene
Concen: 50.466 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 91 Resp: 497221
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5

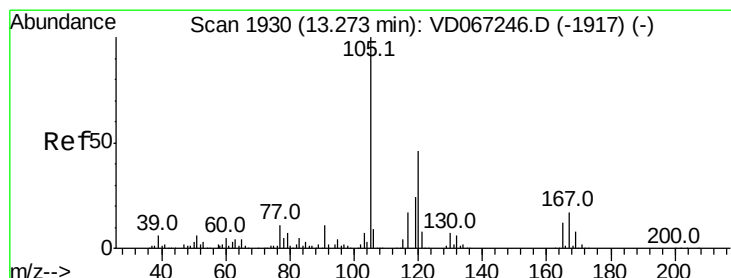
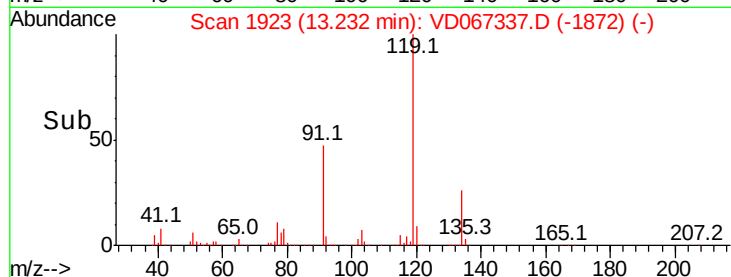
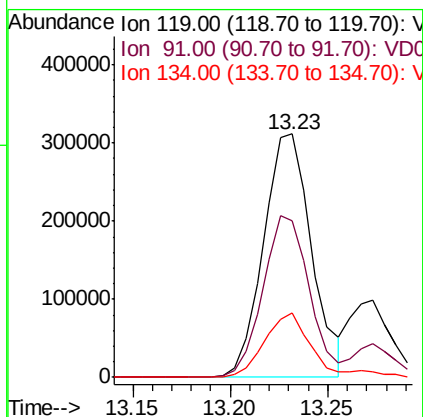
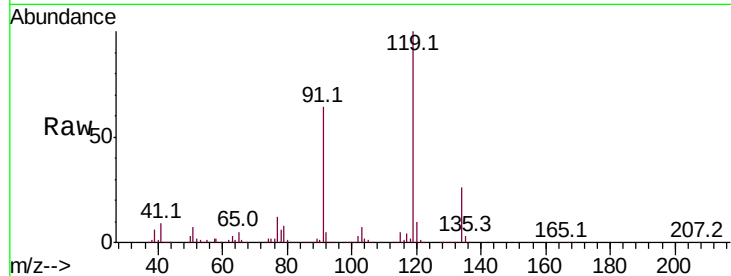




#83
 tert-Butylbenzene
 Concen: 52.590 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

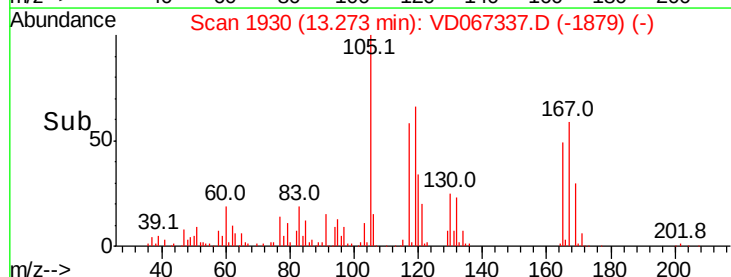
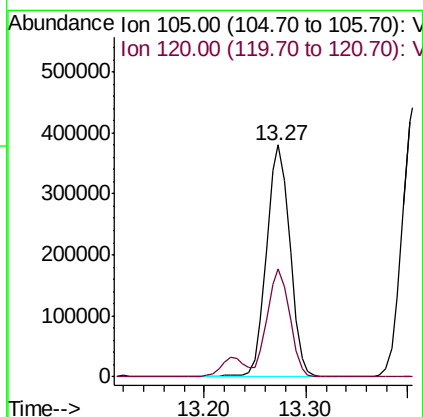
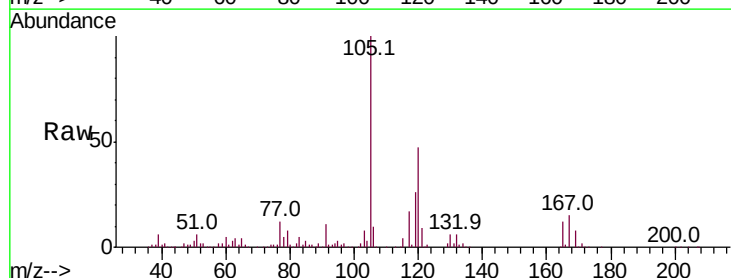
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

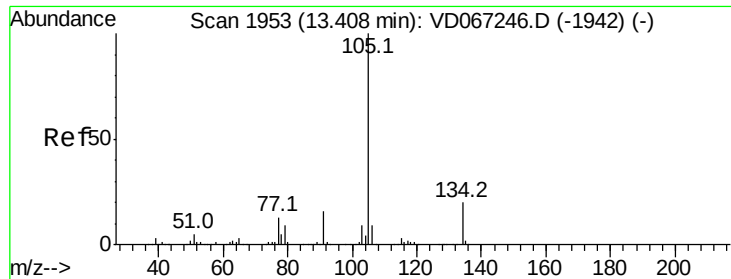
Tot Ion:119 Resp: 533353
 Ion Ratio Lower Upper
 119 100
 91 63.7 33.1 99.2
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.418 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion:105 Resp: 610151
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.545 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

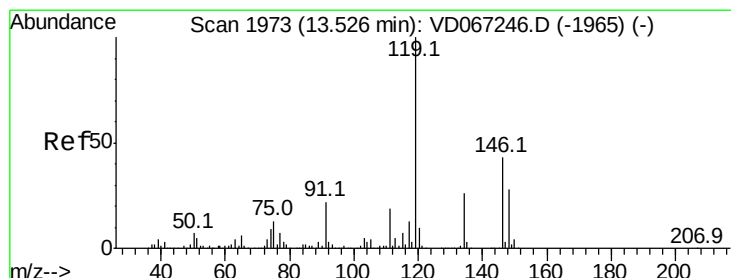
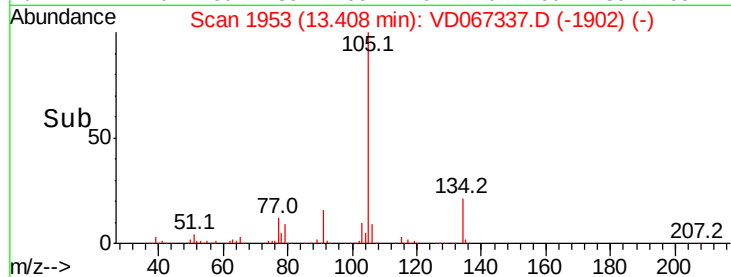
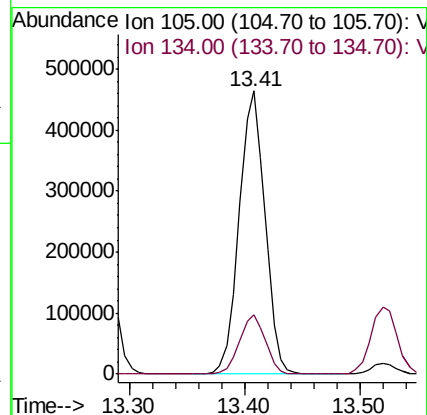
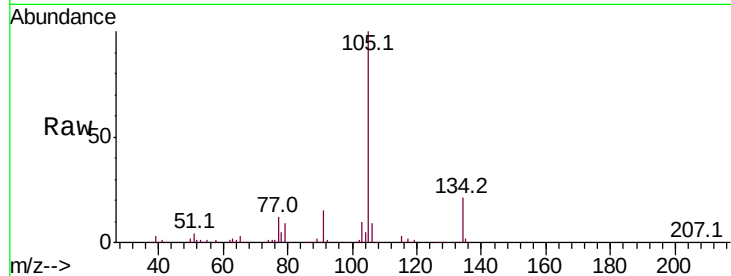
VSTDCCC050

Tot Ion:105 Resp: 717290

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.5



#86

p-Isopropyltoluene

Concen: 51.464 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

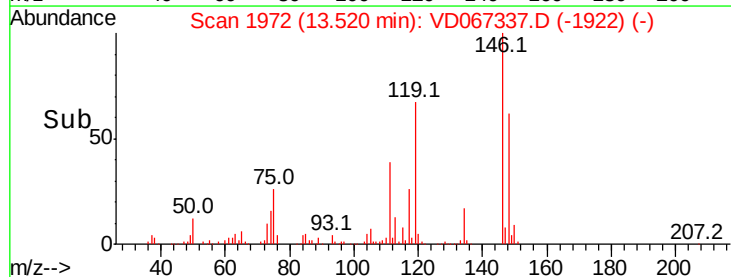
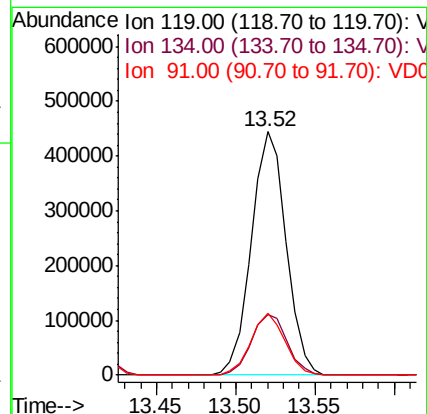
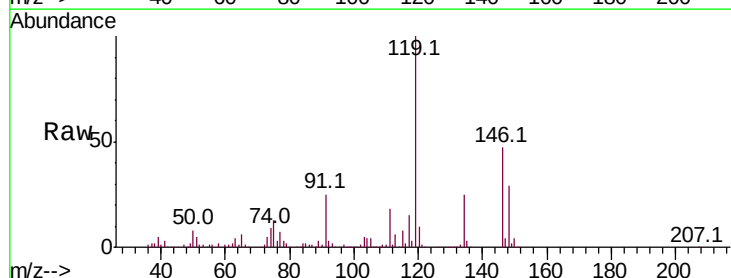
Tgt Ion:119 Resp: 675970

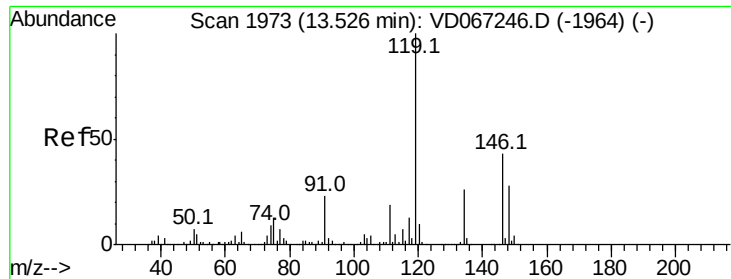
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.6 11.9 35.9

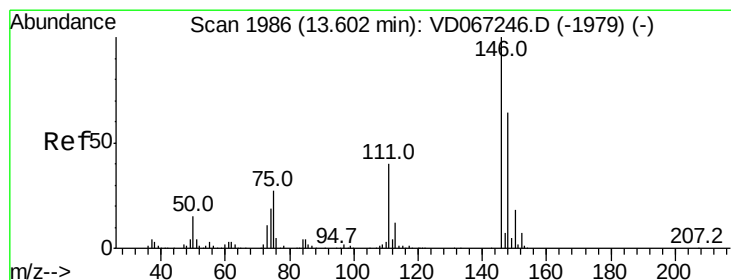
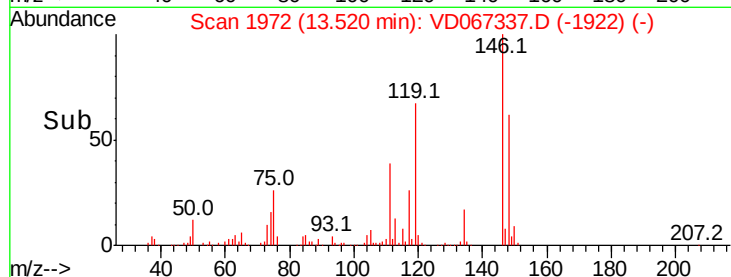
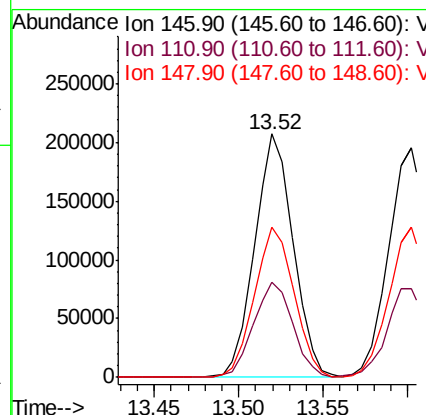
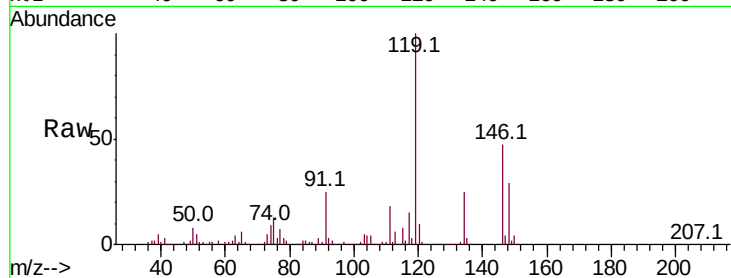




#87
 1,3-Dichlorobenzene
 Concen: 49.393 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

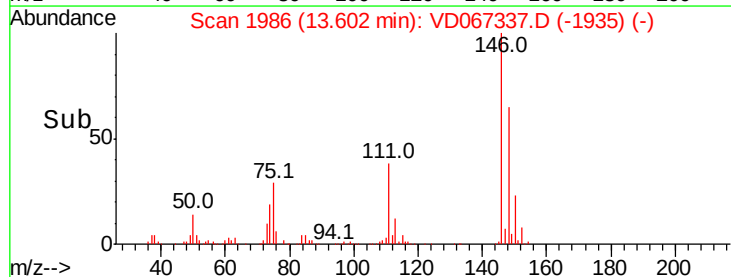
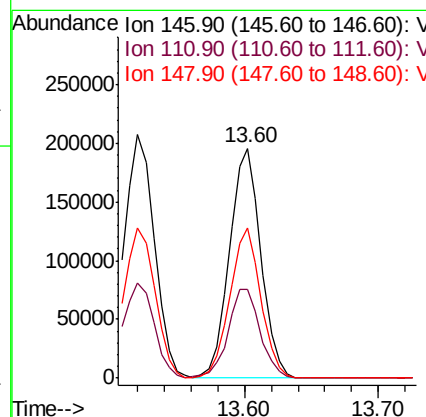
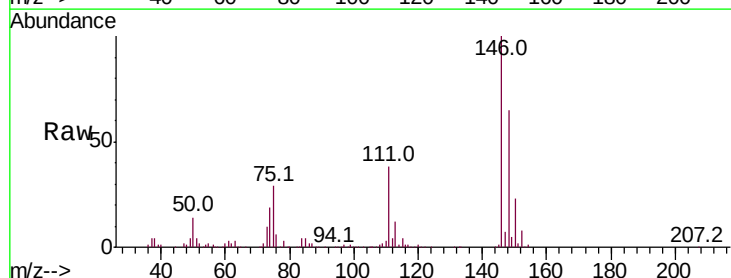
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

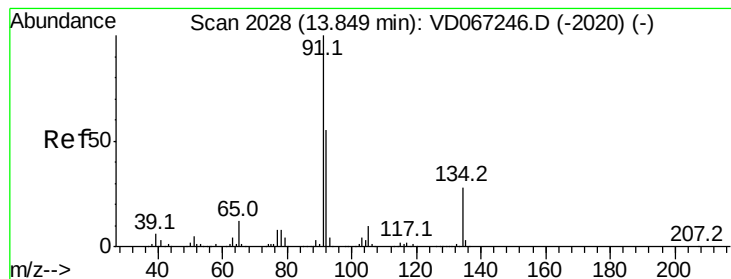
Tot Ion:146 Resp: 327465
 Ion Ratio Lower Upper
 146 100
 111 40.1 21.1 63.3
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.947 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion:146 Resp: 321510
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.7
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 51.984 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

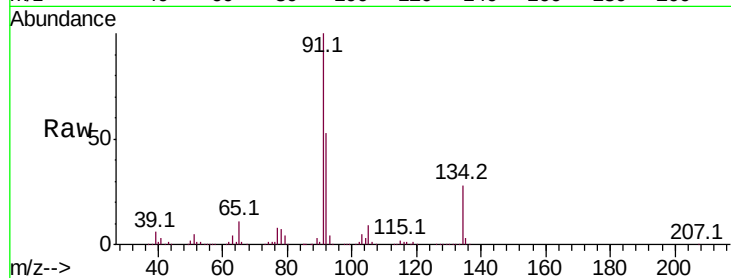
Tot Ion: 91 Resp: 600687

Ion Ratio Lower Upper

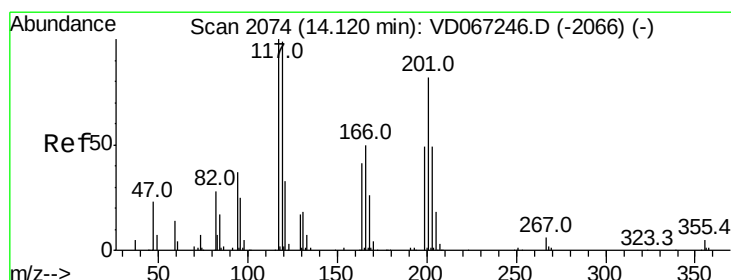
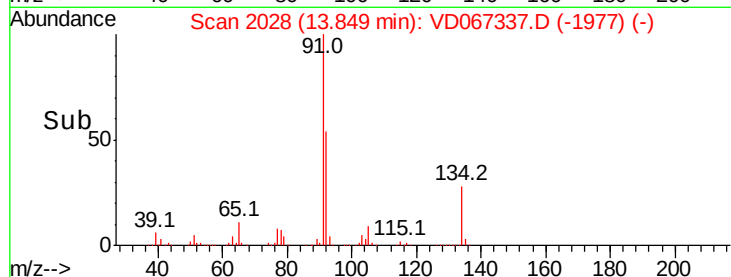
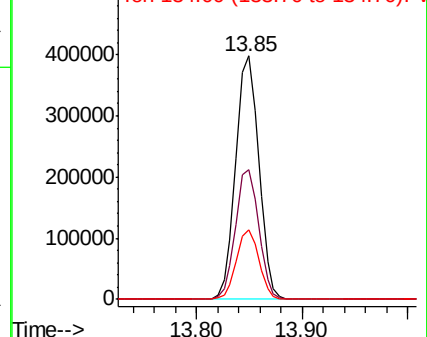
91 100

92 53.6 26.7 80.0

134 27.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.225 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.01 min

Lab File: VD067337.D

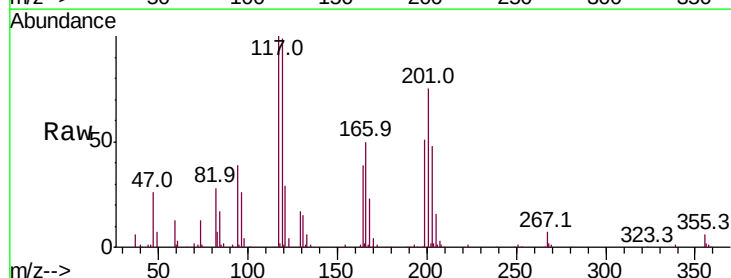
Acq: 21 Oct 2020 10:07

Tgt Ion: 117 Resp: 112828

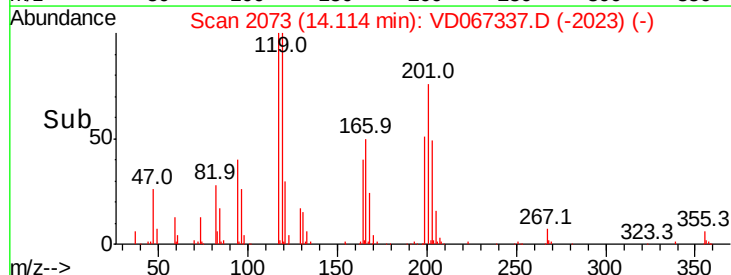
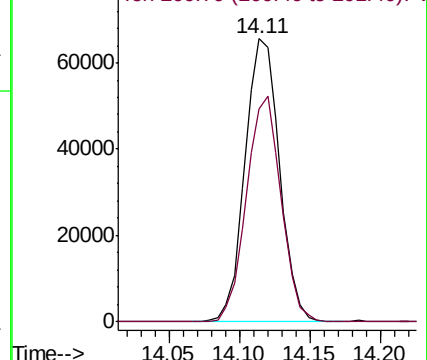
Ion Ratio Lower Upper

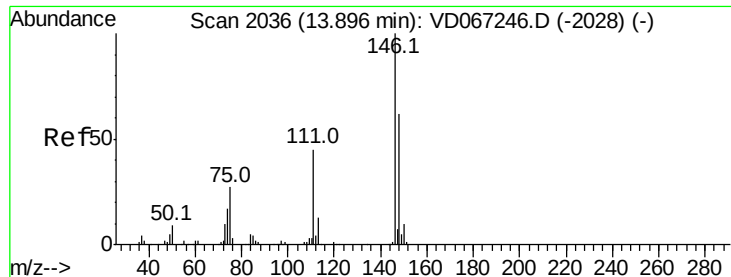
117 100

201 79.7 40.8 122.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

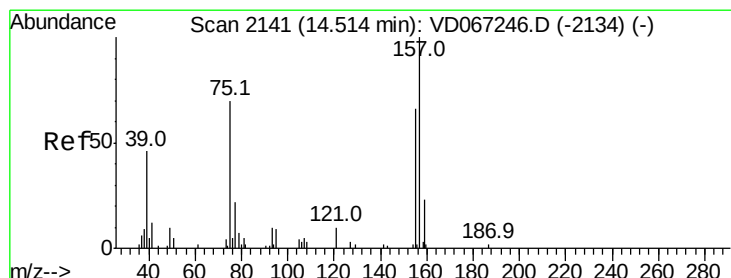
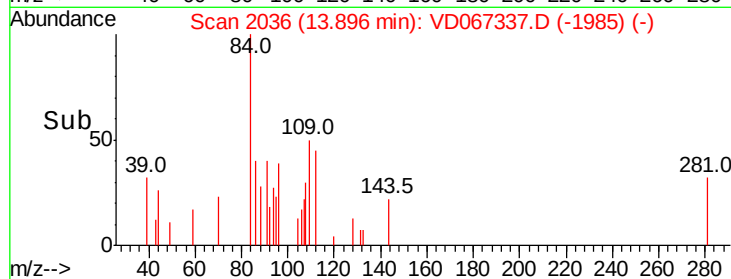
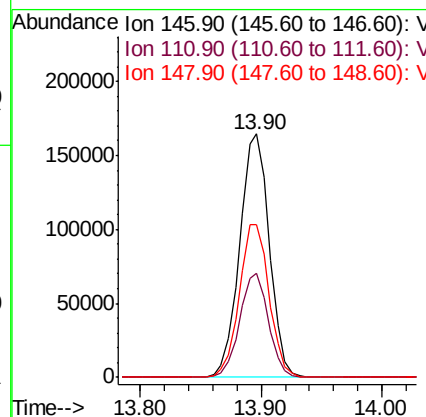
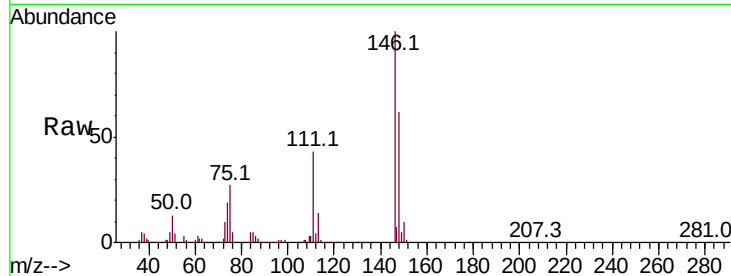




#91
 1,2-Dichlorobenzene
 Concen: 48.489 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

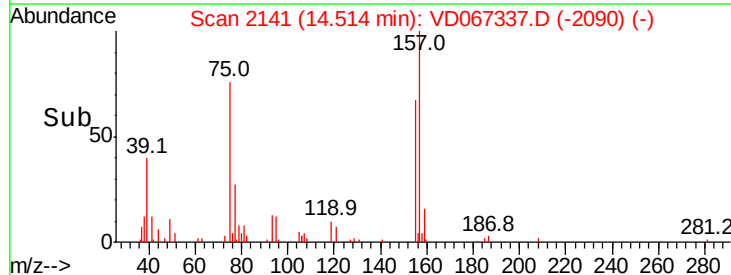
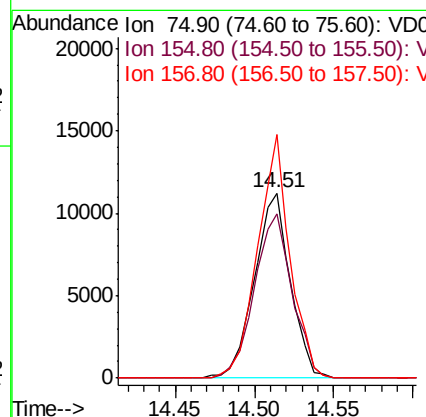
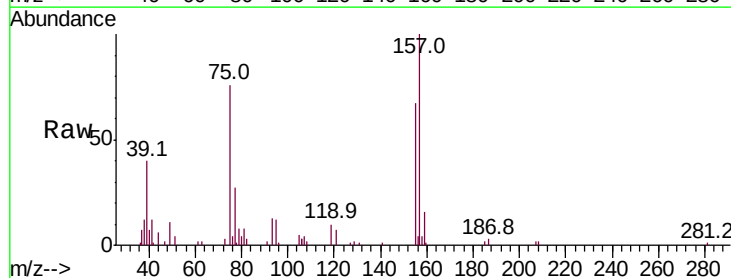
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

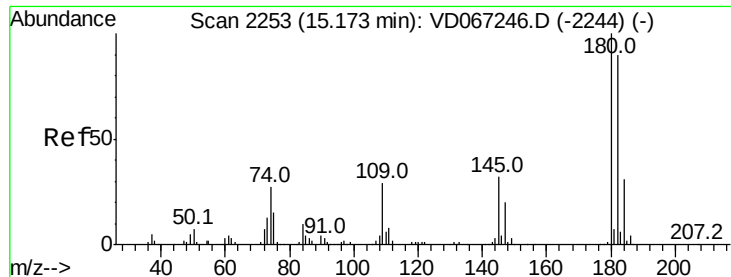
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.0	66.0
148	63.3	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.745 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	44.8	134.4
157	118.9	62.5	187.4

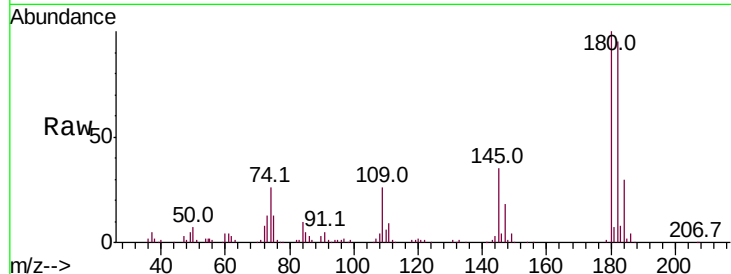




#93
 1,2,4-Trichlorobenzene
 Concen: 51.118 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.1	144.4
145	32.9	16.3	48.9

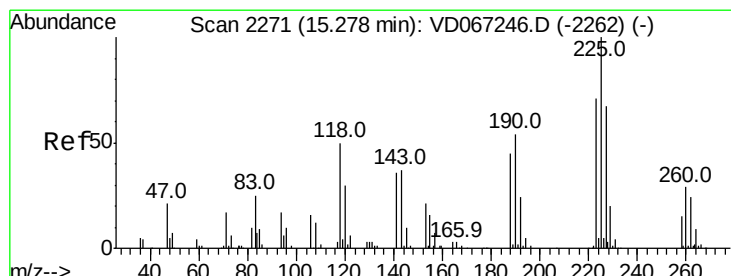
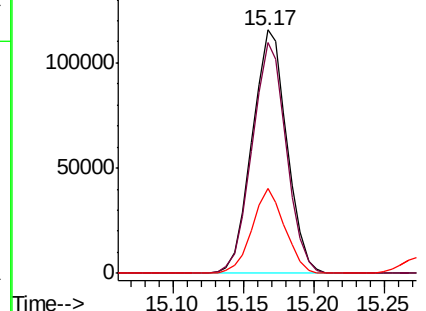
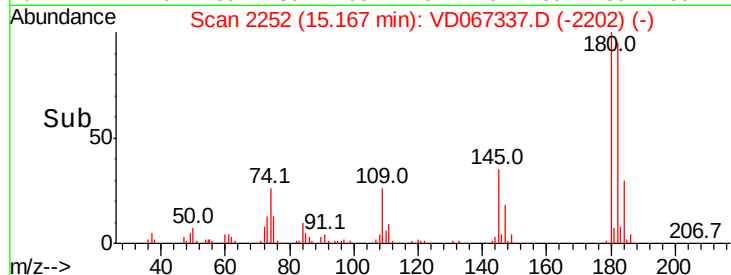


Abundance

Ion 179.80 (179.50 to 180.50): V

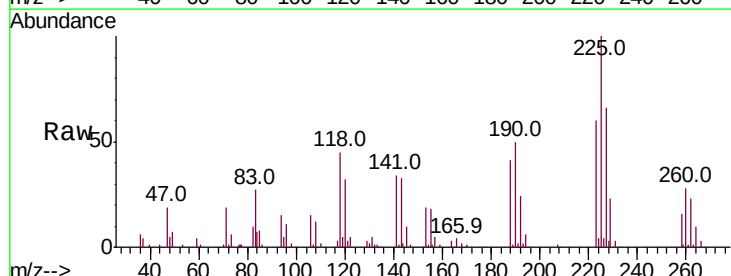
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.133 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.9	95.7
227	63.9	31.2	93.6

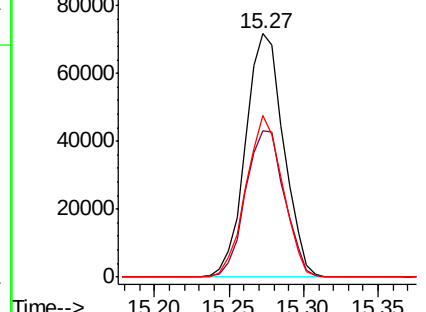
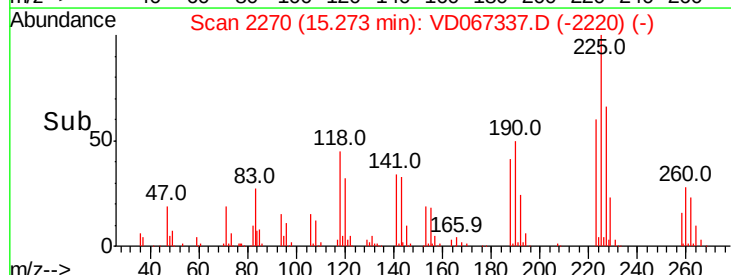


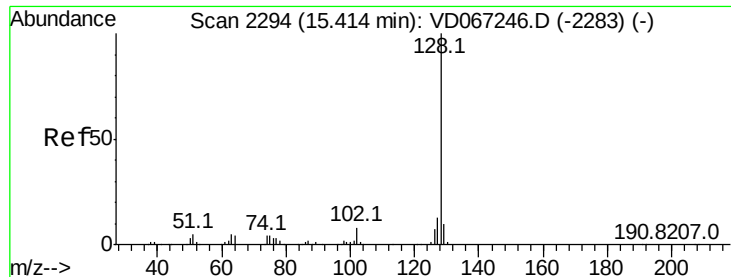
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

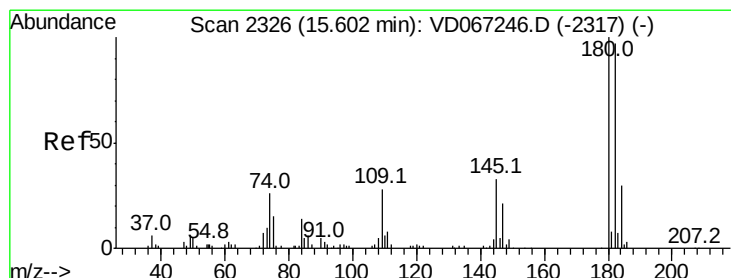
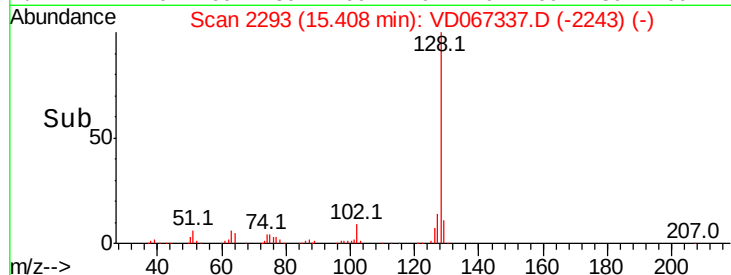
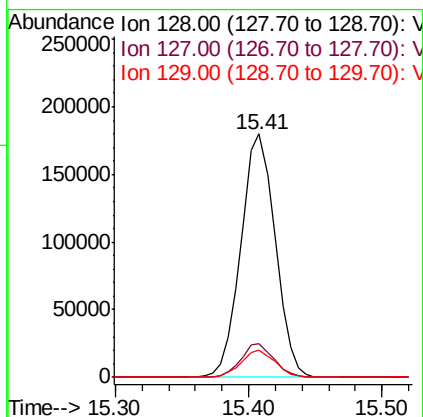
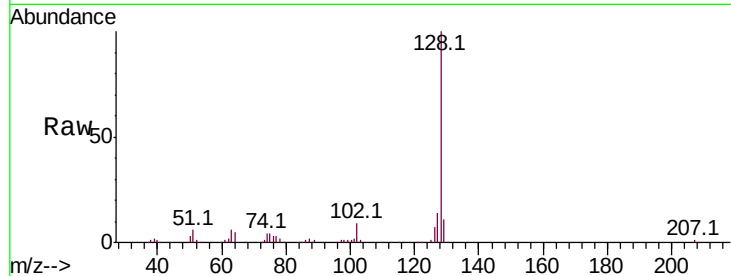




#95
Naphthalene
Concen: 50.041 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.325 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.3
145	33.2	17.3	51.9

