

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067352.D
 Acq On : 21 Oct 2020 17:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 22 00:21:27 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	7.99	168	317755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	475592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	444326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227111	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	164652	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.92	113	165119	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.34	98	584109	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.64	95	212970	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	118267	46.020	ug/l	95
3) Chloromethane	2.21	50	89916	44.963	ug/l	98
4) Vinyl Chloride	2.35	62	95180	43.378	ug/l	97
5) Bromomethane	2.77	94	75472	49.400	ug/l	99
6) Chloroethane	2.92	64	61074	44.694	ug/l	98
7) Trichlorofluoromethane	3.27	101	262839	47.571	ug/l	100
8) Diethyl Ether	3.71	74	64260	50.826	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	142119	48.414	ug/l	99
10) Methyl Iodide	4.30	142	127432	47.060	ug/l	99
11) Tert butyl alcohol	5.22	59	41486	250.804	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	127590	48.652	ug/l	98
13) Acrolein	3.93	56	49946	261.430	ug/l	98
14) Allyl chloride	4.71	41	144290	48.045	ug/l	97
15) Acrylonitrile	5.43	53	112212	265.992	ug/l	100
16) Acetone	4.16	43	109240	245.021	ug/l	99
17) Carbon Disulfide	4.41	76	333773	44.645	ug/l	99
18) Methyl Acetate	4.71	43	52839	51.961	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	278156	53.342	ug/l	100
20) Methylene Chloride	4.97	84	143097	50.118	ug/l #	88
21) trans-1,2-Dichloroethene	5.47	96	149054	49.390	ug/l	93
22) Diisopropyl ether	6.37	45	283076	51.598	ug/l	99
23) Vinyl Acetate	6.31	43	867828	278.042	ug/l	98
24) 1,1-Dichloroethane	6.26	63	230927	49.173	ug/l	99
25) 2-Butanone	7.21	43	137755	271.058	ug/l	94
26) 2,2-Dichloropropane	7.21	77	230869	47.695	ug/l	98
27) cis-1,2-Dichloroethene	7.22	96	171257	51.778	ug/l	99
28) Bromochloromethane	7.55	49	82763	51.668	ug/l #	100
29) Tetrahydrofuran	7.56	42	79513	281.457	ug/l	98
30) Chloroform	7.71	83	285674	50.921	ug/l	93
31) Cyclohexane	7.99	56	161309	43.994	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	271989	49.412	ug/l	99
36) 1,1-Dichloropropene	8.11	75	198234	49.178	ug/l	98
37) Ethyl Acetate	7.30	43	64230	54.158	ug/l	95
38) Carbon Tetrachloride	8.10	117	257988	50.076	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	205838	48.845	ug/l	98
40) Benzene	8.36	78	560053	50.645	ug/l	99
41) Methacrylonitrile	7.54	41	40100	62.570	ug/l #	69
42) 1,2-Dichloroethane	8.43	62	177884	51.401	ug/l	98
43) Isopropyl Acetate	8.46	43	127577	54.212	ug/l	98
44) Trichloroethene	9.11	130	175390	49.536	ug/l	98
45) 1,2-Dichloropropane	9.39	63	129756	50.629	ug/l	92
46) Dibromomethane	9.48	93	82952	51.948	ug/l	95
47) Bromodichloromethane	9.67	83	218131	50.986	ug/l	99
48) Methyl methacrylate	9.46	41	62545	54.690	ug/l	94
49) 1,4-Dioxane	9.47	88	17887	1162.455	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	323722	275.801	ug/l	100
52) Toluene	10.41	92	456195	60.568	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	199323	53.037	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	228917	52.047	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	113225	51.998	ug/l	96
56) Ethyl methacrylate	10.67	69	128364	56.842	ug/l	99
57) 1,3-Dichloropropane	10.95	76	184909	53.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	313253	270.397	ug/l	98
59) 2-Hexanone	10.99	43	222830	277.822	ug/l	97
60) Dibromochloromethane	11.14	129	166067	52.296	ug/l	99
61) 1,2-Dibromoethane	11.25	107	112640	52.472	ug/l	98
64) Tetrachloroethene	10.88	164	155013	48.151	ug/l	94
65) Chlorobenzene	11.67	112	427619	50.187	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	175316	51.771	ug/l	99
67) Ethyl Benzene	11.75	91	749503	51.316	ug/l	100
68) m/p-Xylenes	11.86	106	575821	102.379	ug/l	99
69) o-Xylene	12.18	106	269389	51.724	ug/l	95
70) Styrene	12.20	104	464505	51.809	ug/l	99
71) Bromoform	12.36	173	93659	51.482	ug/l #	97
73) Isopropylbenzene	12.48	105	752096	52.178	ug/l	99
74) N-amyl acetate	12.30	43	116838	53.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	114588	51.884	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	154377	98.074	ug/l #	100
77) Bromobenzene	12.77	156	178612	49.704	ug/l	97
78) n-propylbenzene	12.83	91	851148	50.966	ug/l	99
79) 2-Chlorotoluene	12.91	91	481938	49.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	644238	51.433	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	34724	50.025	ug/l	97
82) 4-Chlorotoluene	13.01	91	520250	50.612	ug/l	99
83) tert-Butylbenzene	13.23	119	547826	51.777	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	642380	51.888	ug/l	100
85) sec-Butylbenzene	13.41	105	734768	50.610	ug/l	99
86) p-Isopropyltoluene	13.52	119	692545	50.539	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	338071	48.877	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	346972	50.632	ug/l	99
89) n-Butylbenzene	13.85	91	617540	51.225	ug/l	100
90) Hexachloroethane	14.11	117	118312	49.476	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	305427	50.547	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20039	49.944	ug/l	96

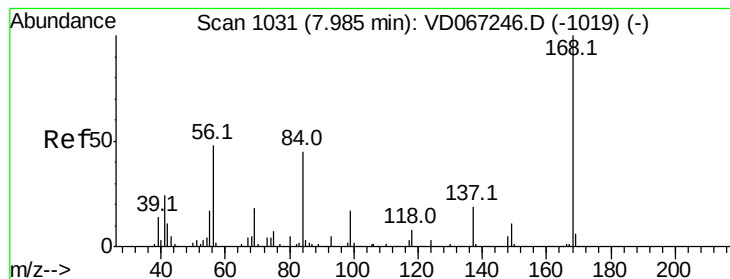
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	219766	53.944	ug/l	99
94) Hexachlorobutadiene	15.27	225	130988	51.777	ug/l	97
95) Naphthalene	15.41	128	377591	56.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	191397	54.381	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

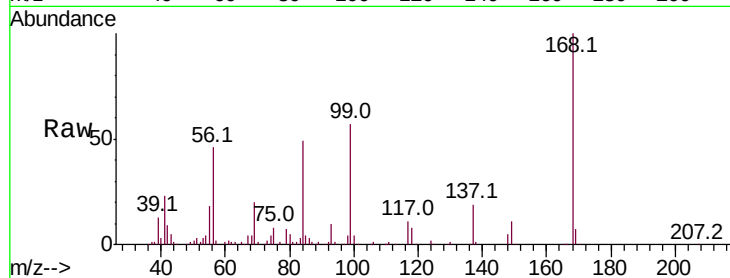
VSTDCCC050EC

Tot Ion:168 Resp: 317755

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

7.99

150000

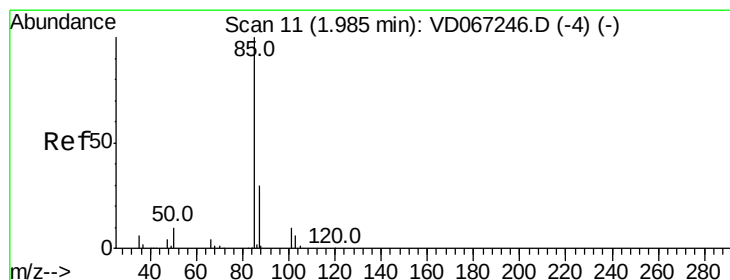
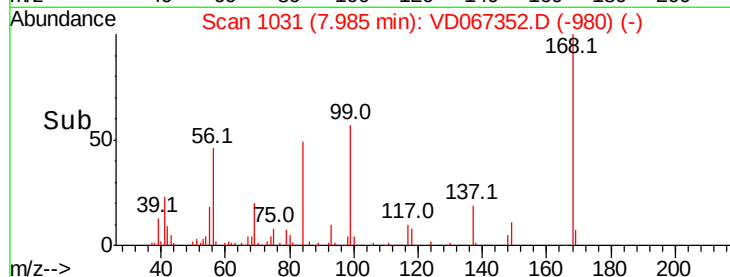
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.020 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067352.D

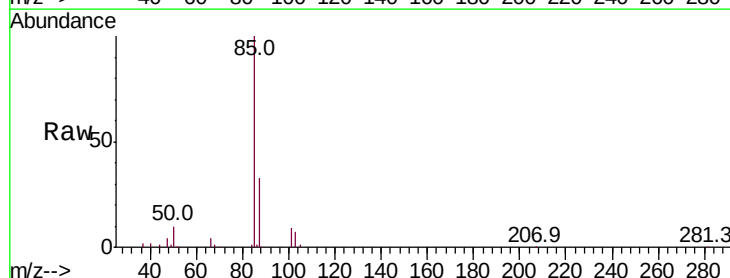
Acq: 21 Oct 2020 17:16

Tgt Ion: 85 Resp: 118267

Ion Ratio Lower Upper

85 100

87 33.1 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

100000

80000

60000

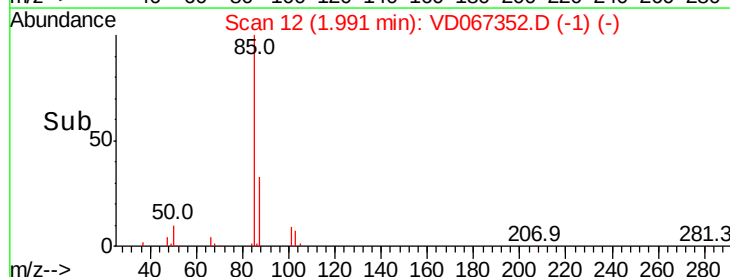
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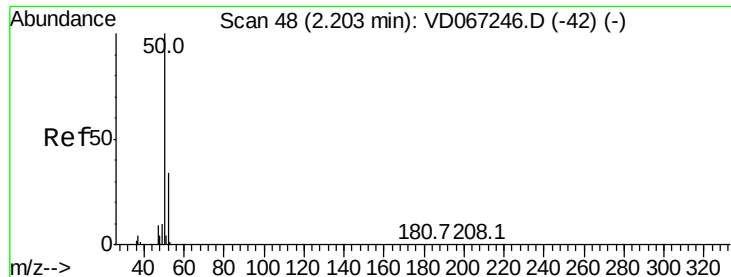
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 44.963 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

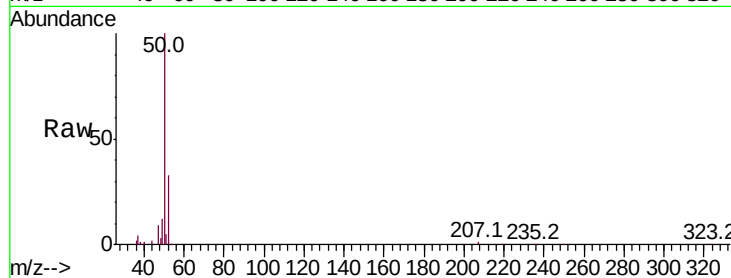
VSTDCCC050EC

Tot Ion: 50 Resp: 89916

Ion Ratio Lower Upper

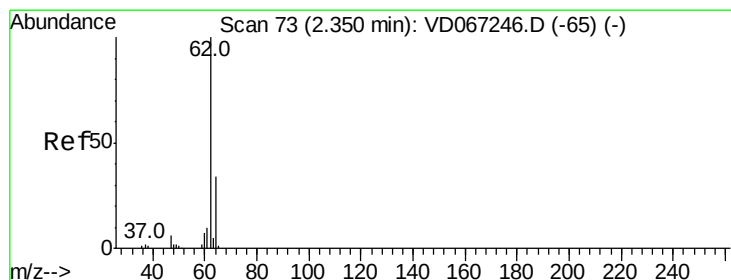
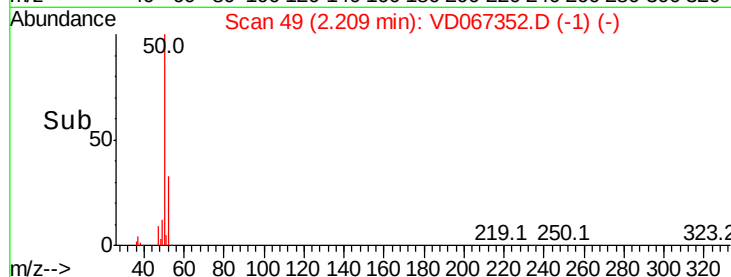
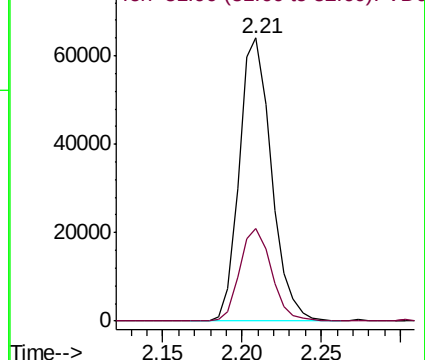
50 100

52 32.6 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.378 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067352.D

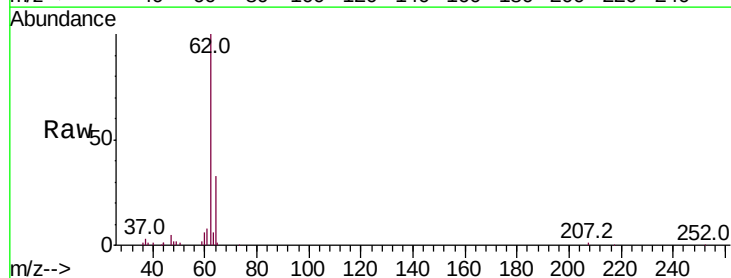
Acq: 21 Oct 2020 17:16

Tgt Ion: 62 Resp: 95180

Ion Ratio Lower Upper

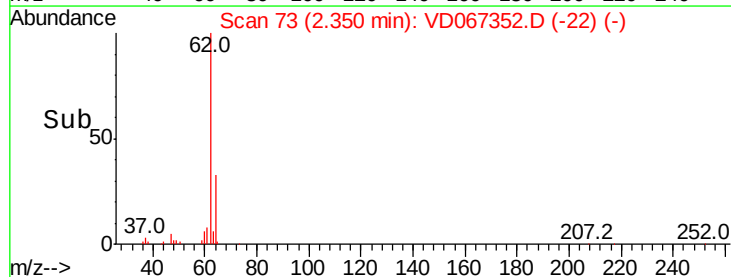
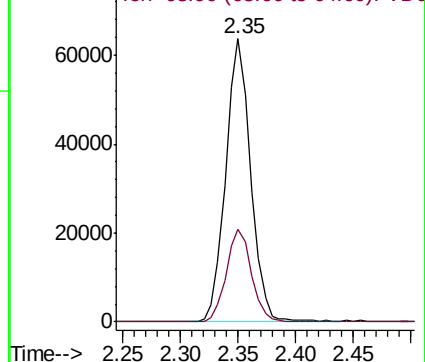
62 100

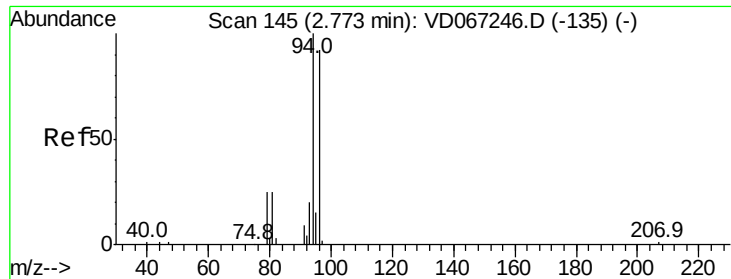
64 32.7 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.400 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

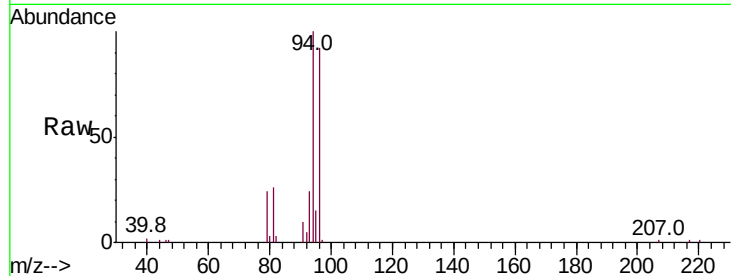
VSTDCCC050EC

Tot Ion: 94 Resp: 75472

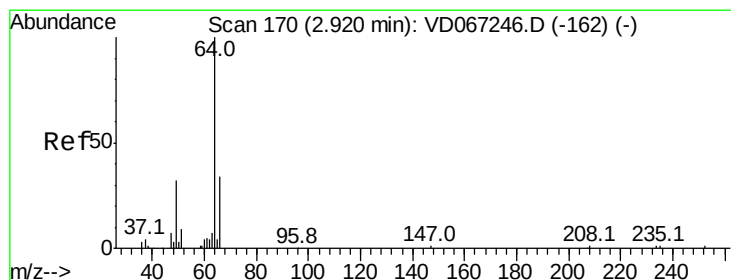
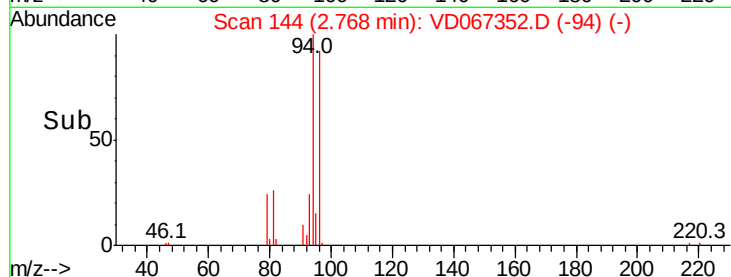
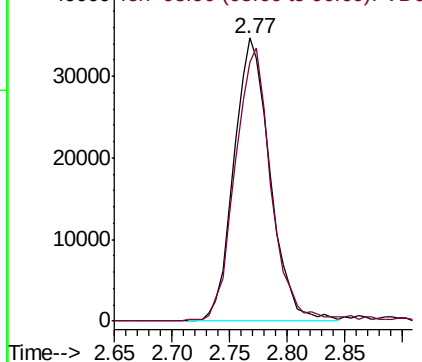
Ion Ratio Lower Upper

94 100

96 91.1 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.694 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067352.D

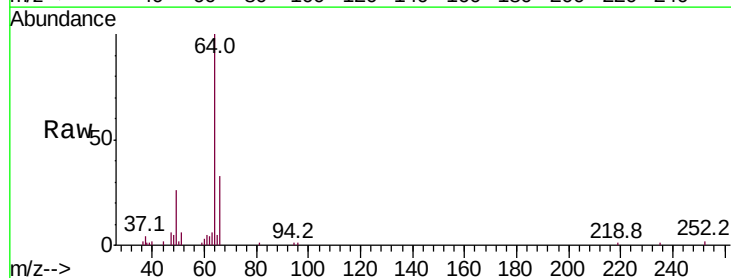
Acq: 21 Oct 2020 17:16

Tgt Ion: 64 Resp: 61074

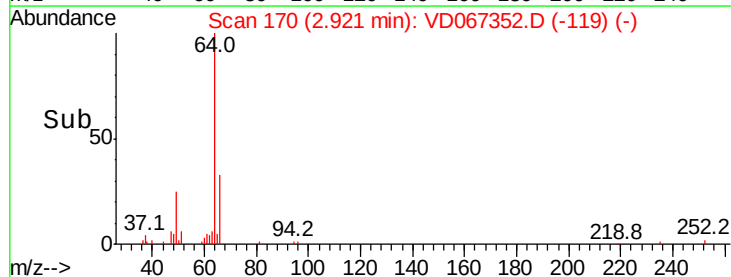
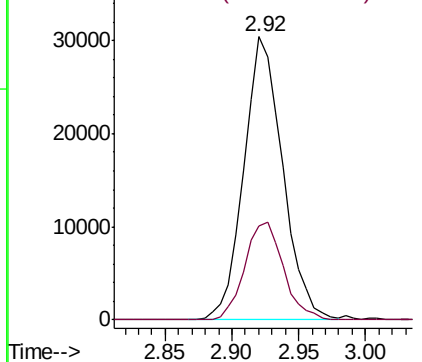
Ion Ratio Lower Upper

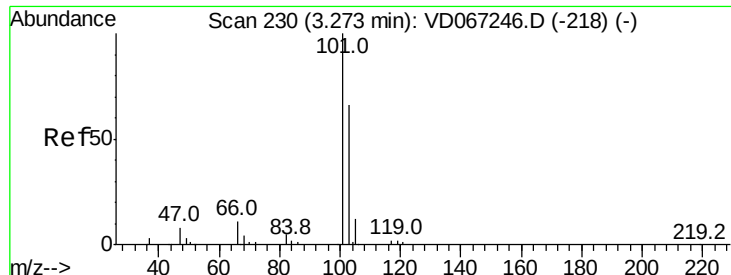
64 100

66 33.2 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



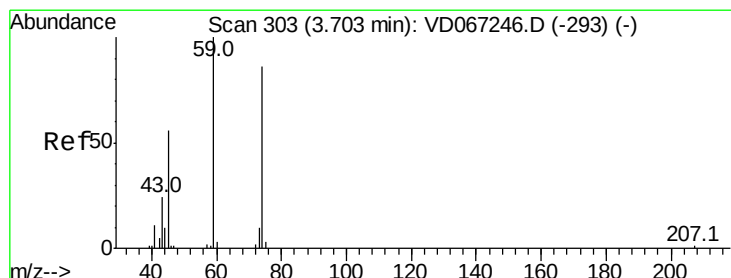
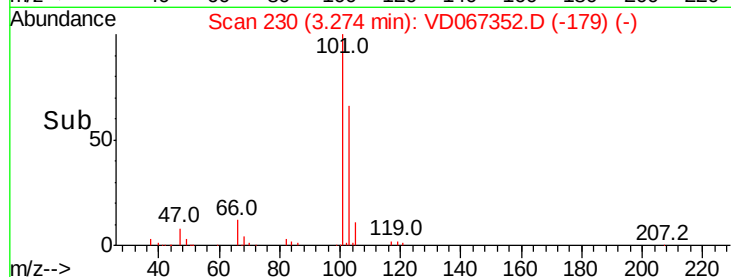
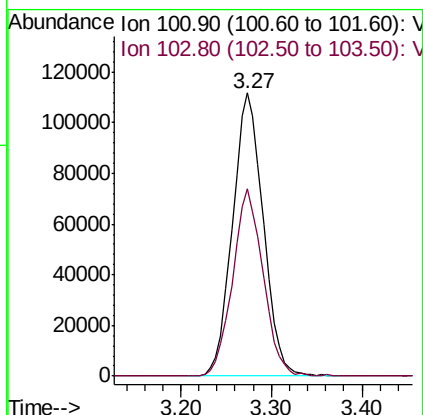
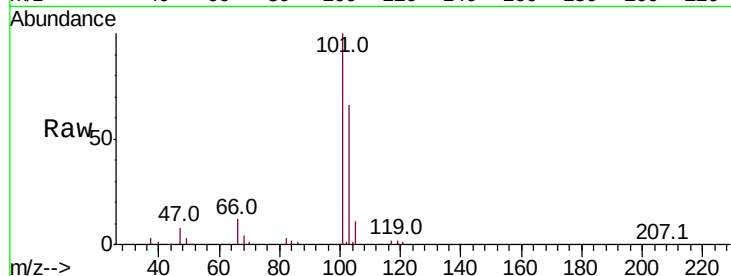


#7

Trichlorofluoromethane
 Concen: 47.571 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

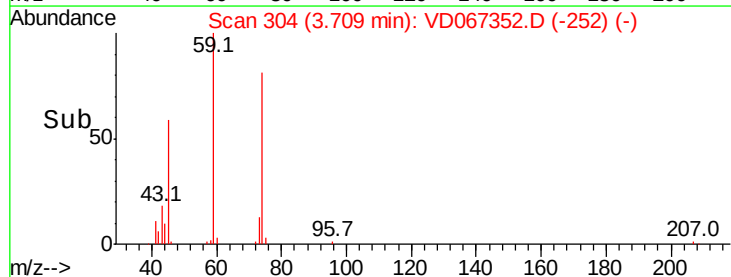
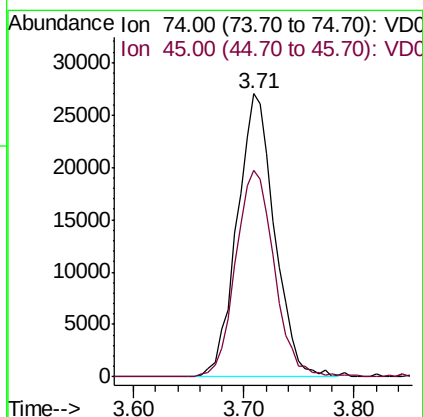
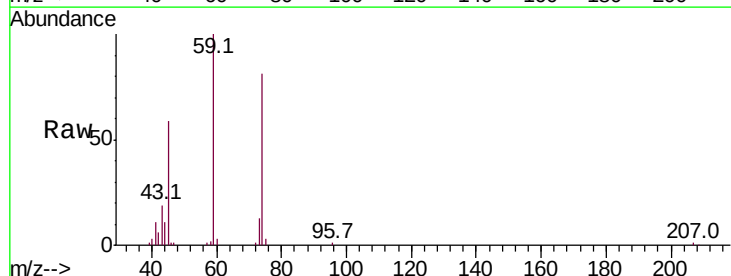
Tot Ion:101 Resp: 262839
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.1 79.7

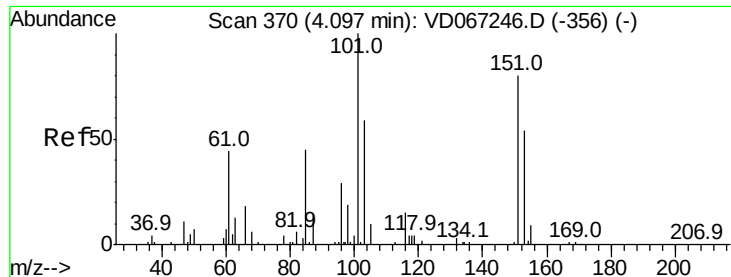


#8

Diethyl Ether
 Concen: 50.826 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion: 74 Resp: 64260
 Ion Ratio Lower Upper
 74 100
 45 75.2 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.414 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

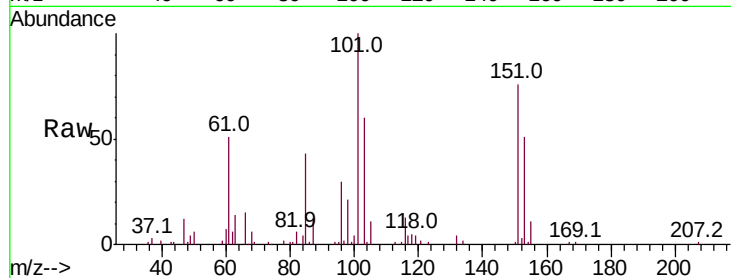
Tot Ion:101 Resp: 142119

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

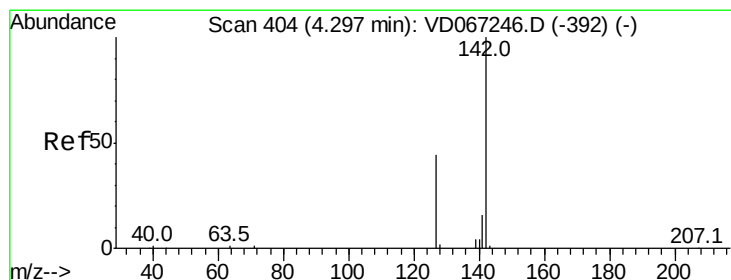
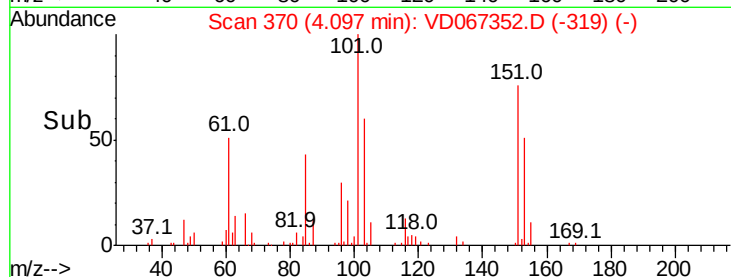
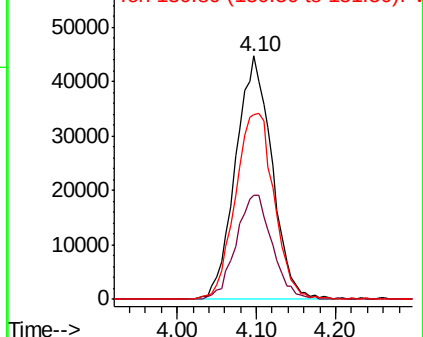
151 81.4 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.060 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

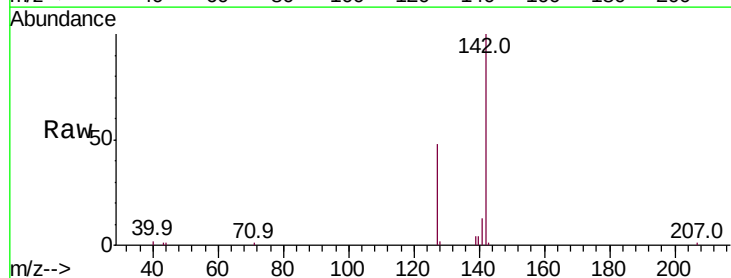
Tgt Ion:142 Resp: 127432

Ion Ratio Lower Upper

142 100

127 48.4 38.4 57.6

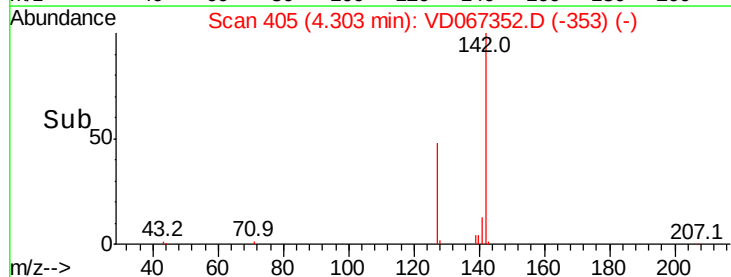
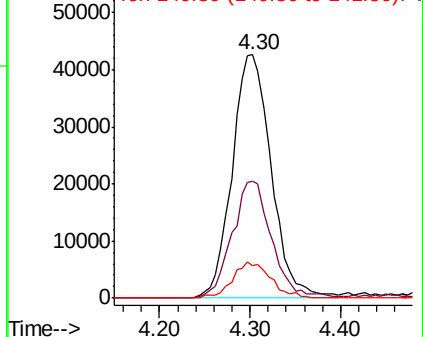
141 14.4 11.6 17.4

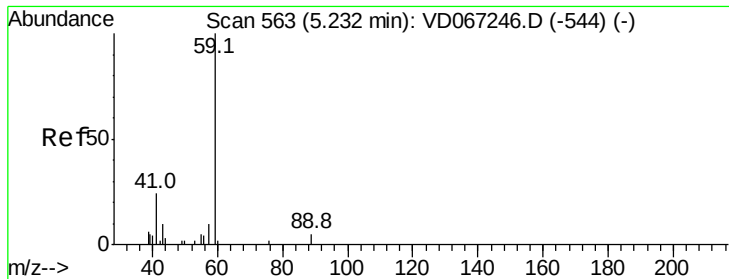


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



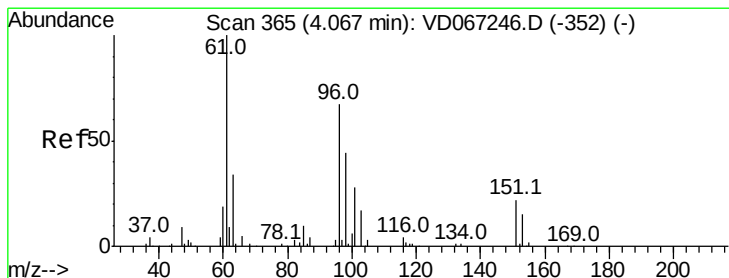
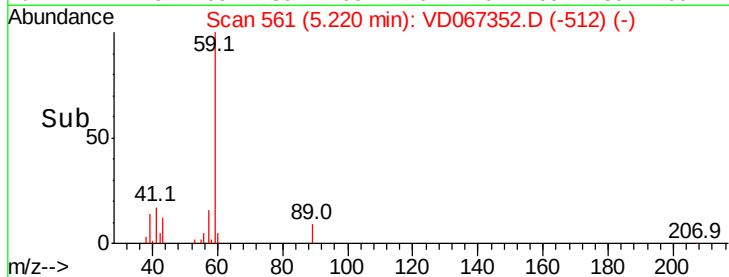
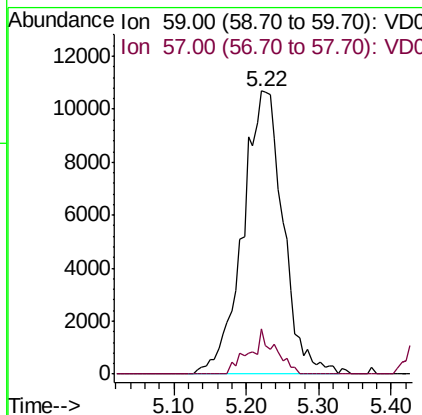
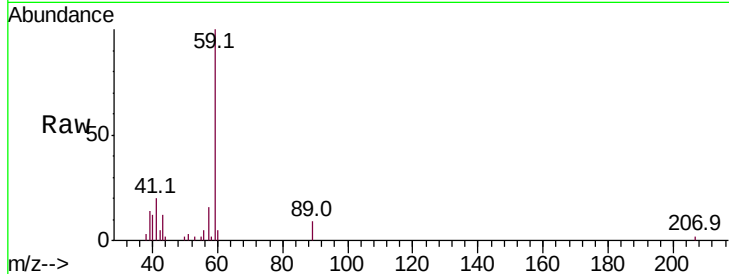


#11

Tert butyl alcohol
 Concen: 250.804 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

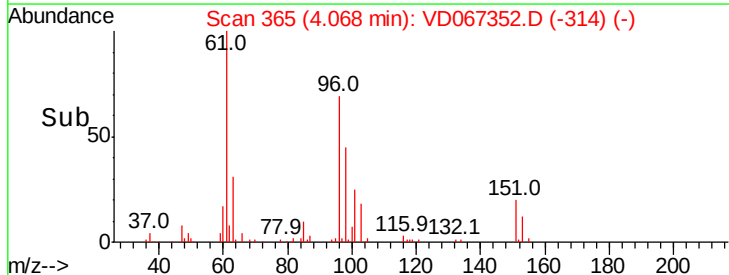
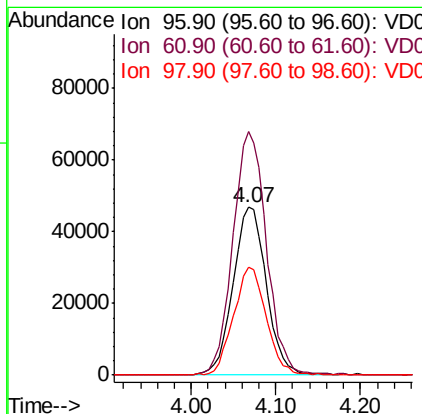
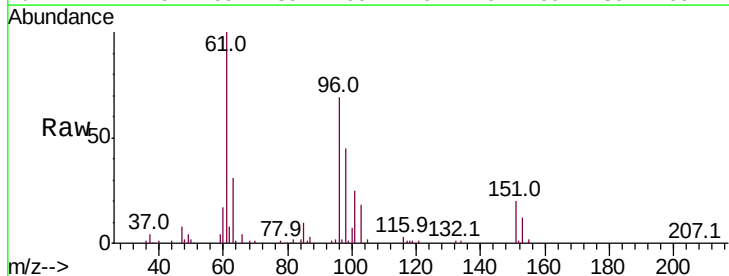
Tot Ion: 59 Resp: 41486
 Ion Ratio Lower Upper
 59 100
 57 10.2 5.1 7.7#

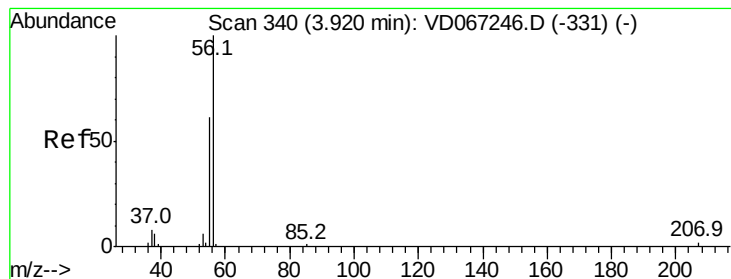


#12

1,1-Dichloroethene
 Concen: 48.652 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion: 96 Resp: 127590
 Ion Ratio Lower Upper
 96 100
 61 145.2 118.6 177.8
 98 64.7 51.8 77.6





#13

Acrolein

Concen: 261.430 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

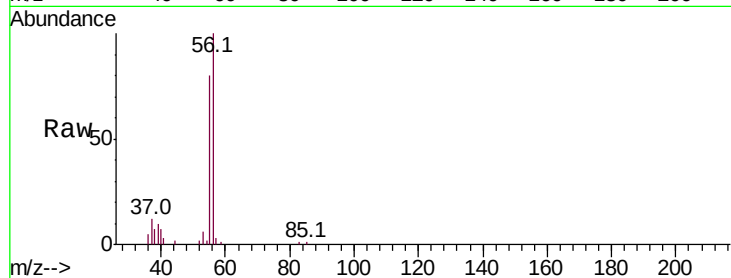
VSTDCCC050EC

Tot Ion: 56 Resp: 49946

Ion Ratio Lower Upper

56 100

55 71.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

20000

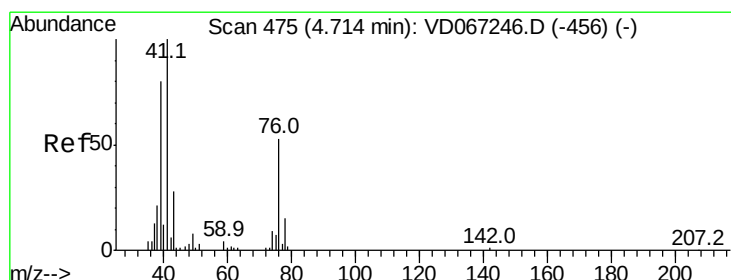
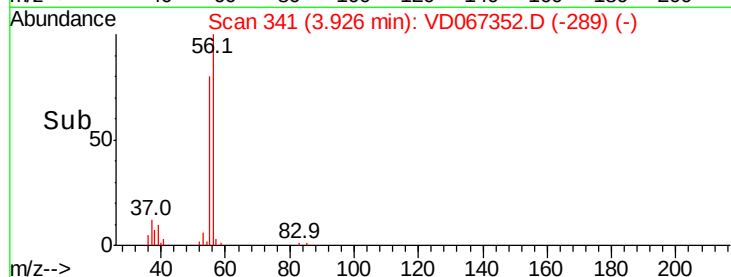
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 48.045 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

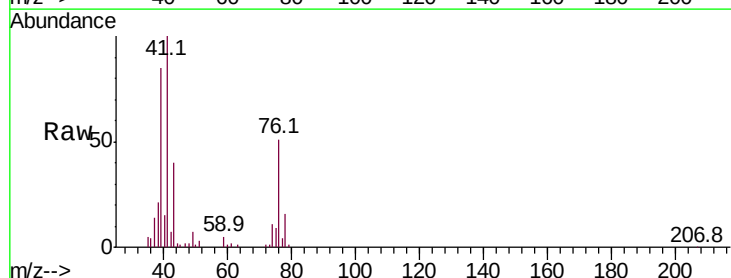
Tgt Ion: 41 Resp: 144290

Ion Ratio Lower Upper

41 100

39 83.8 63.8 95.6

76 51.0 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

60000

50000

40000

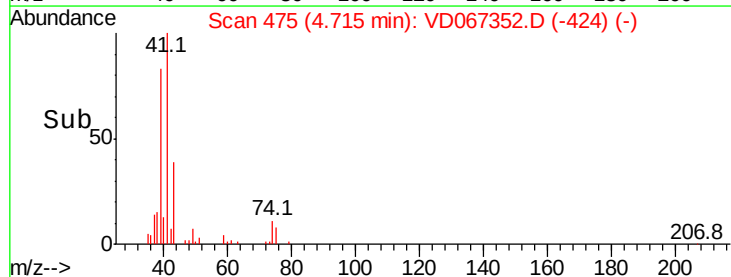
30000

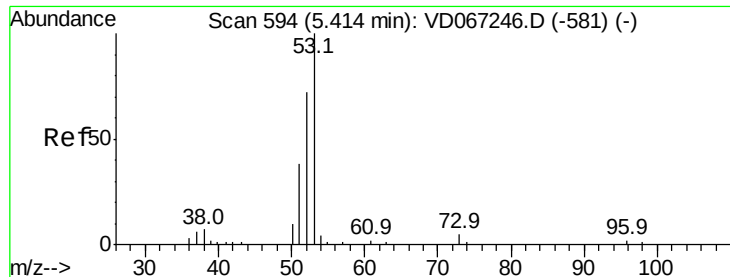
20000

10000

0

Time--> 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 265.992 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

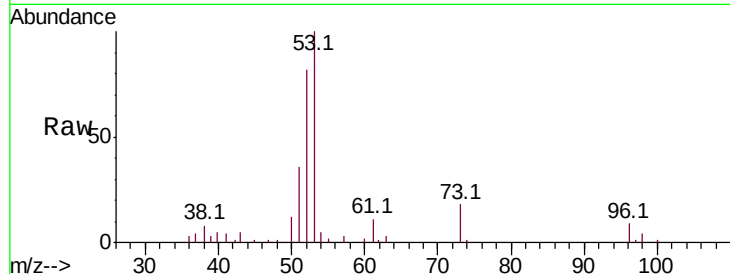
Tot Ion: 53 Resp: 112212

Ion Ratio Lower Upper

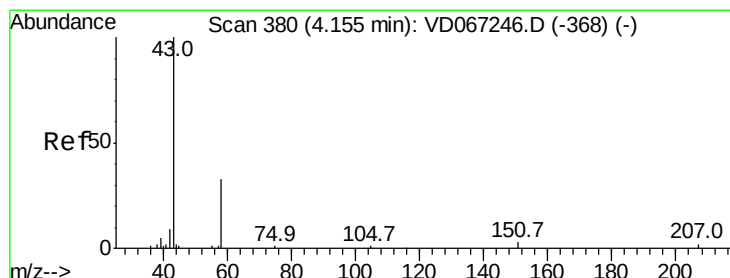
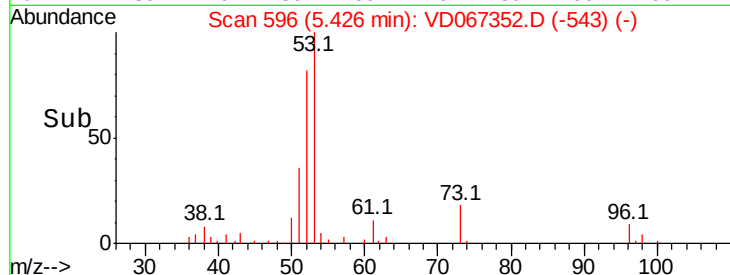
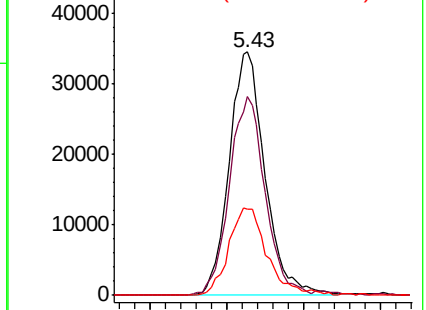
53 100

52 81.5 65.6 98.4

51 38.5 30.8 46.2



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



#16

Acetone

Concen: 245.021 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067352.D

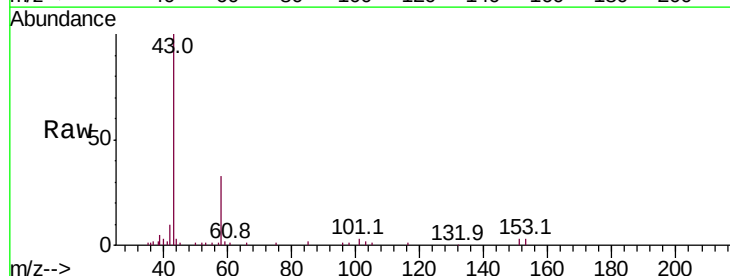
Acq: 21 Oct 2020 17:16

Tgt Ion: 43 Resp: 109240

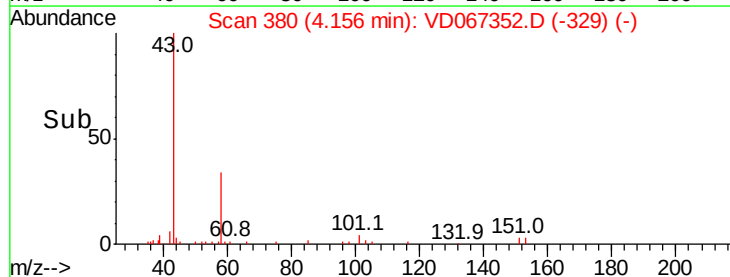
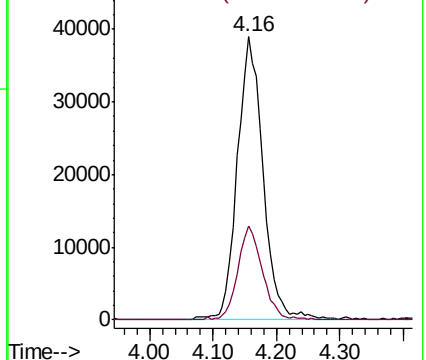
Ion Ratio Lower Upper

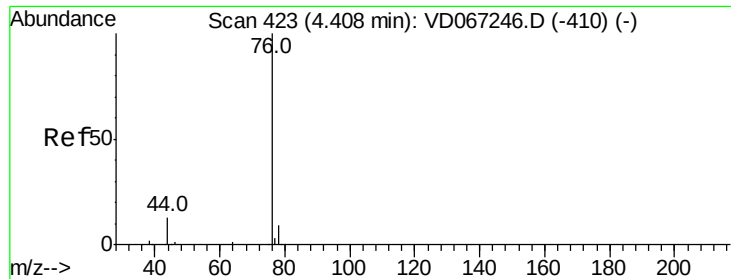
43 100

58 33.3 26.1 39.1



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

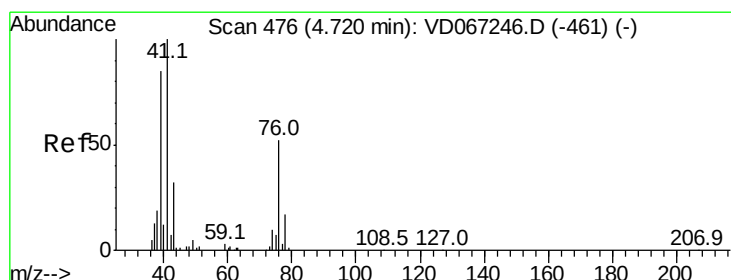
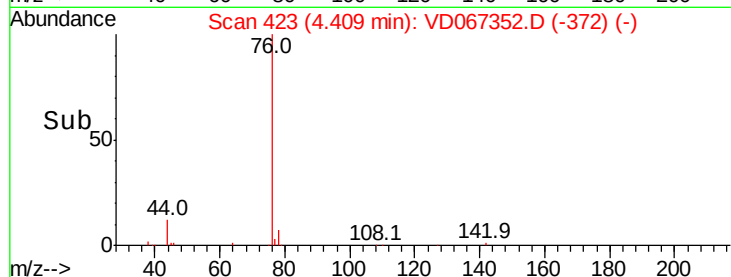
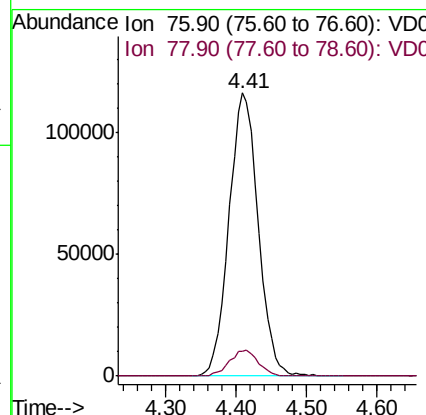
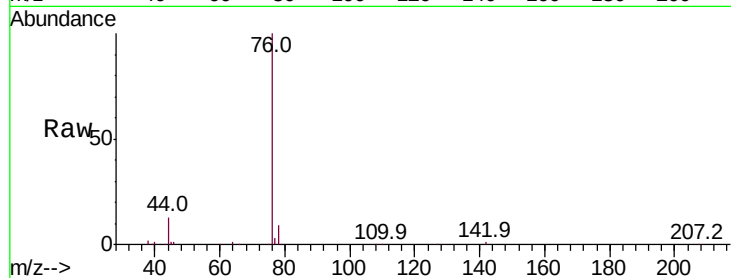




#17
Carbon Disulfide
Concen: 44.645 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

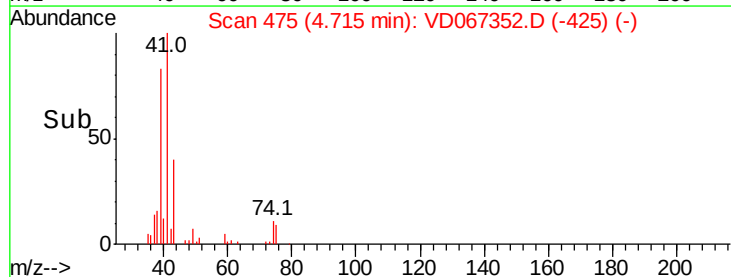
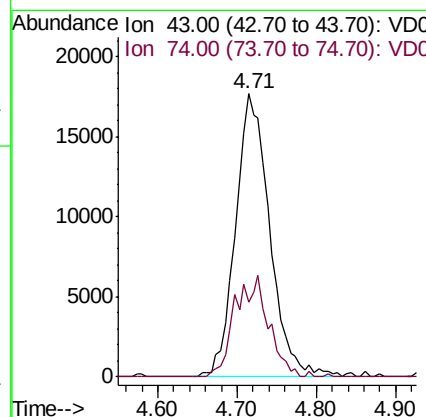
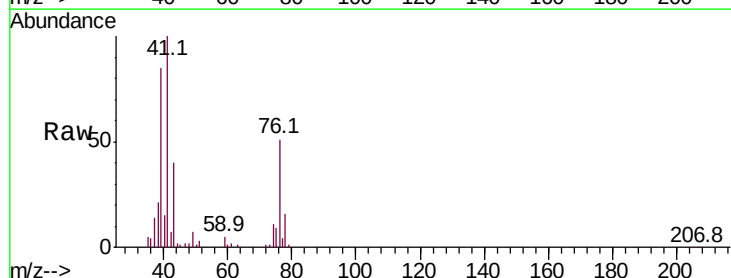
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

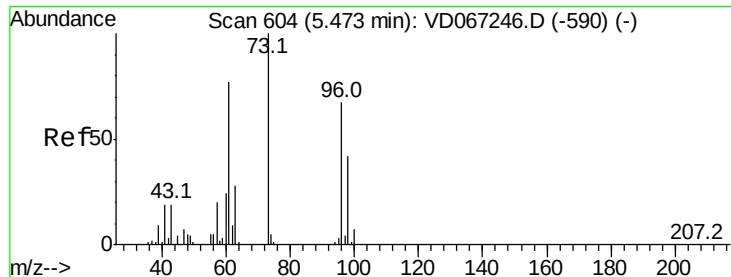
Tot Ion: 76 Resp: 333773
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 51.961 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 43 Resp: 52839
Ion Ratio Lower Upper
43 100
74 35.3 26.6 39.8

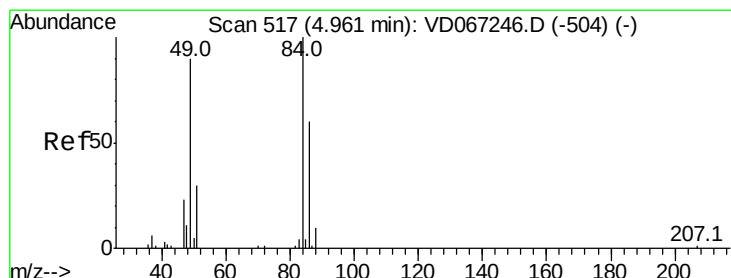
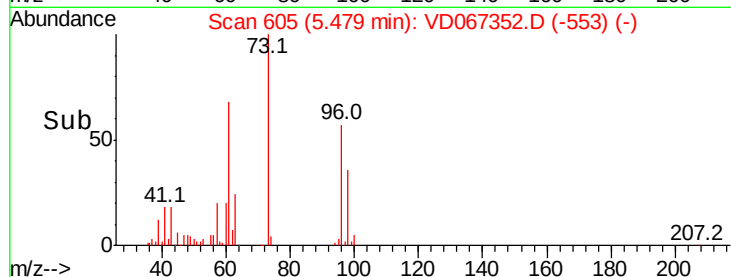
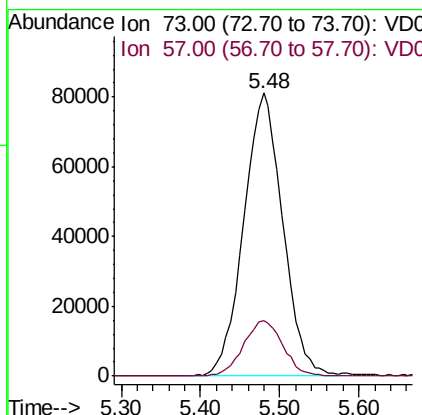
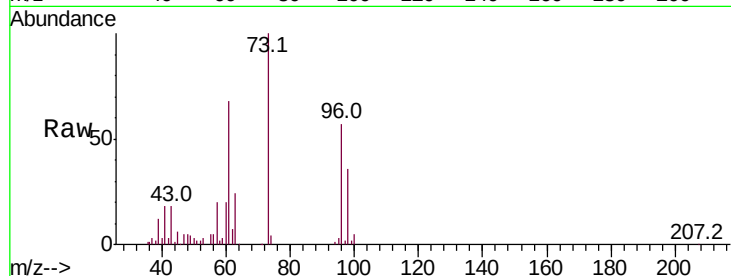




#19
Methyl tert-butyl Ether
Concen: 53.342 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

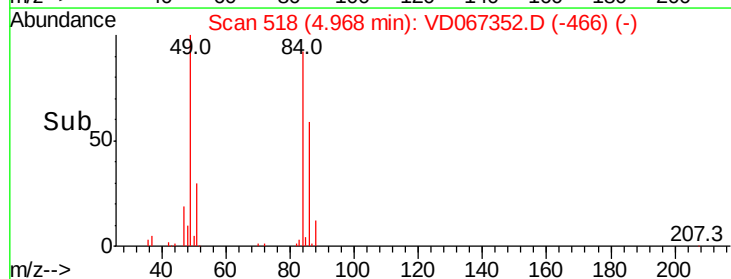
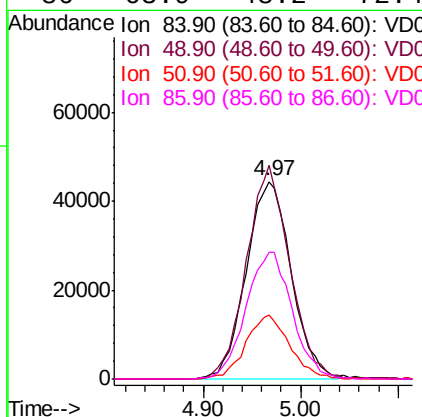
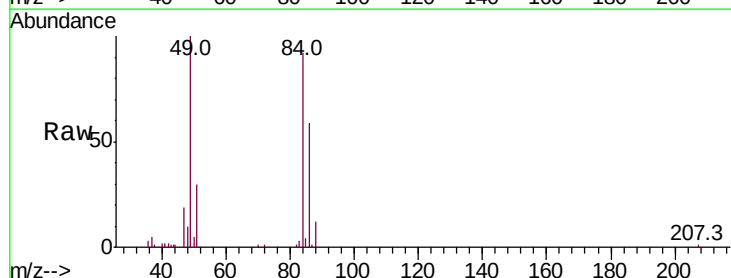
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

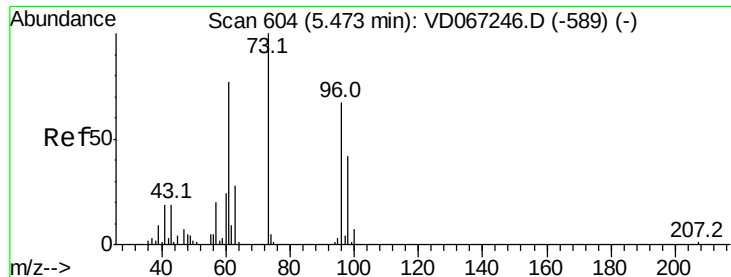
Tot Ion: 73 Resp: 278156
Ion Ratio Lower Upper
73 100
57 19.7 15.7 23.5



#20
Methylene Chloride
Concen: 50.118 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 84 Resp: 143097
Ion Ratio Lower Upper
84 100
49 108.3 72.2 108.2#
51 32.2 23.8 35.8
86 63.9 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 49.390 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

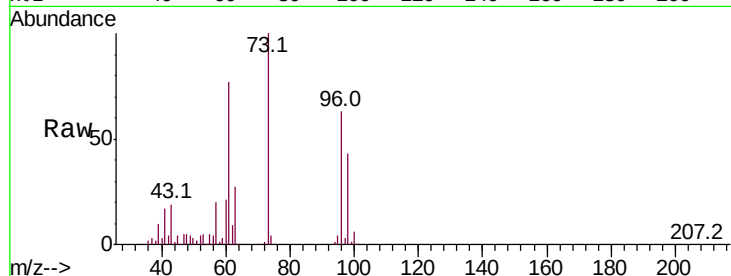
Tot Ion: 96 Resp: 149054

Ion Ratio Lower Upper

96 100

61 122.3 92.0 138.0

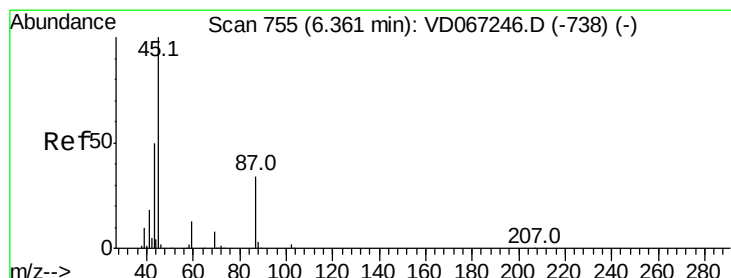
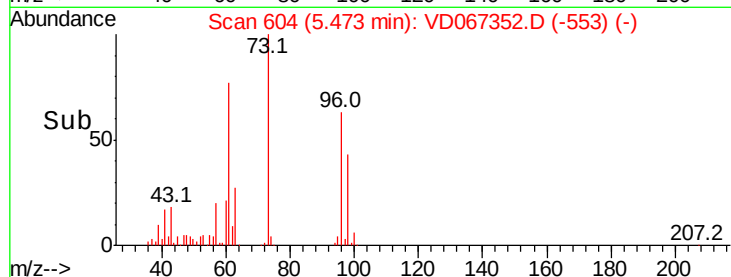
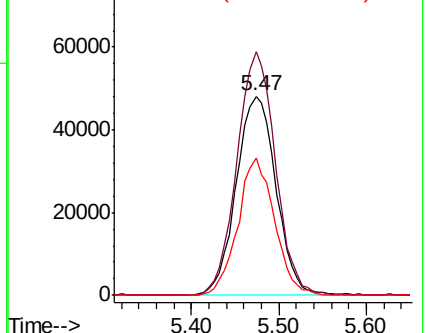
98 68.8 49.8 74.8



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: 51.598 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Tgt Ion: 45 Resp: 283076

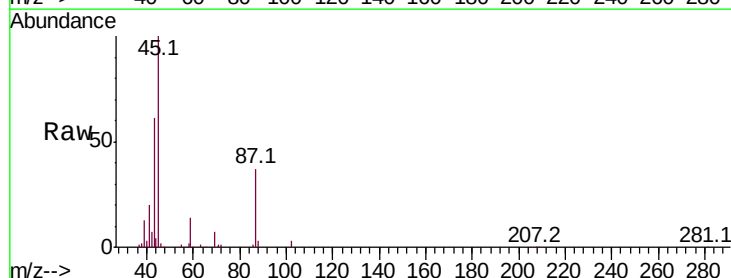
Ion Ratio Lower Upper

45 100

43 60.1 48.0 72.0

87 36.8 28.5 42.7

59 13.7 10.5 15.7

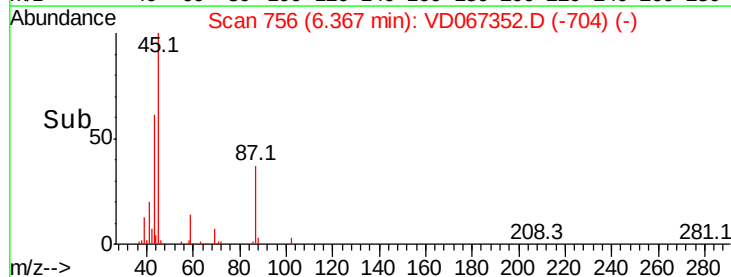
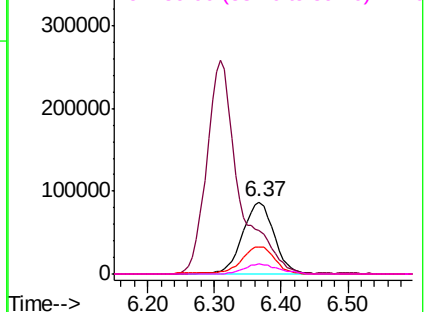


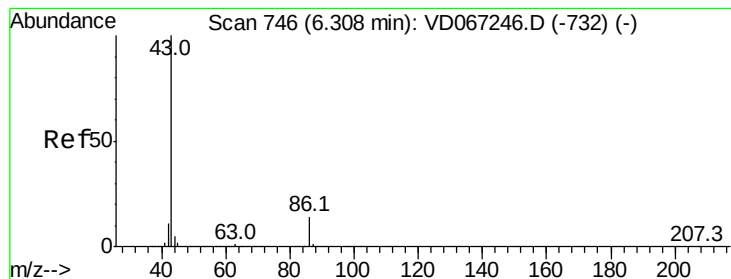
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 278.042 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

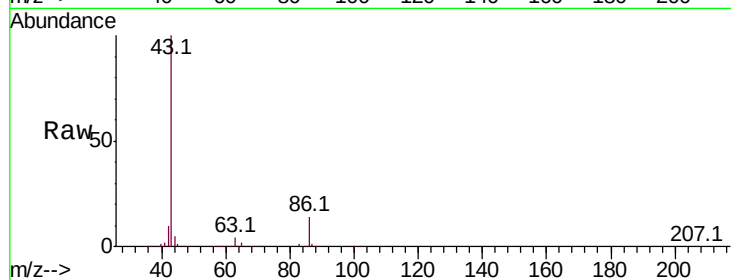
VSTDCCC050EC

Tot Ion: 43 Resp: 867828

Ion Ratio Lower Upper

43 100

86 14.5 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

300000

250000

200000

150000

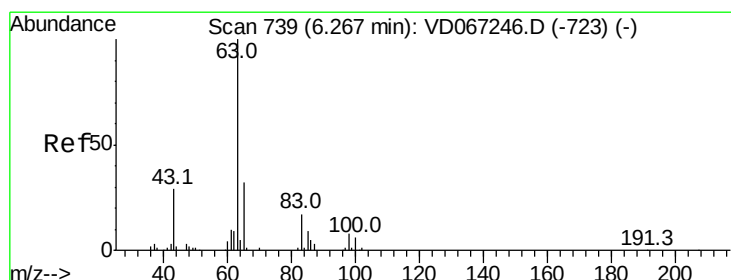
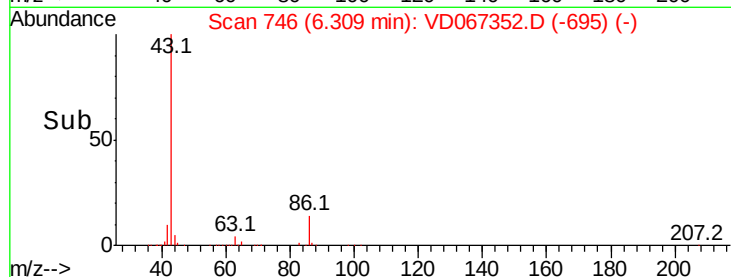
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 49.173 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

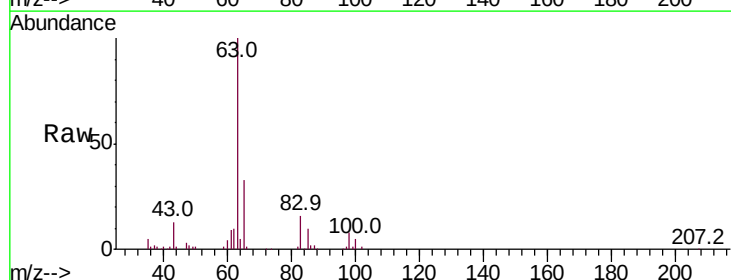
Tgt Ion: 63 Resp: 230927

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

100 5.1 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

100000

80000

60000

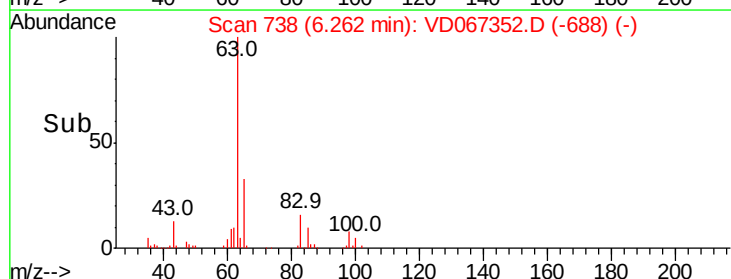
40000

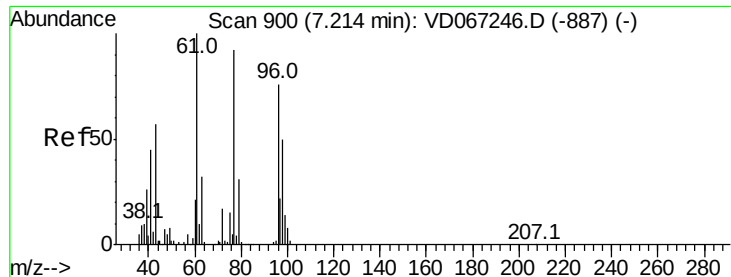
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 271.058 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

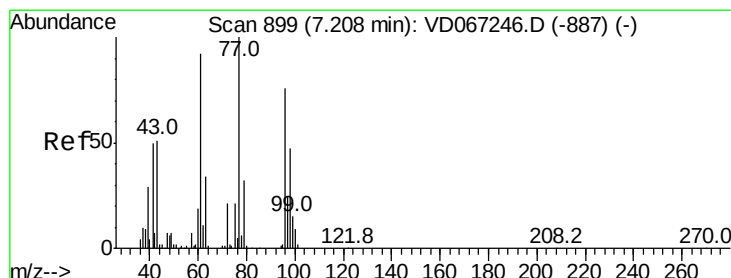
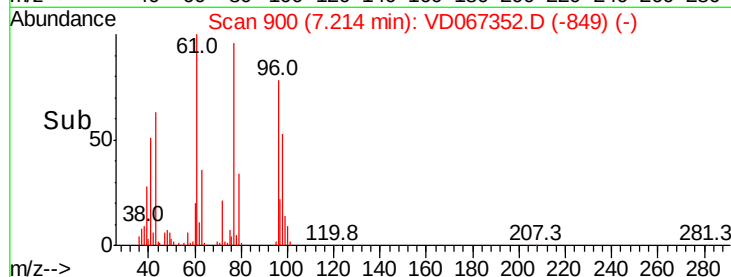
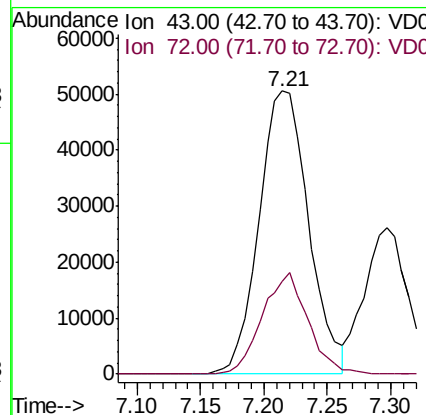
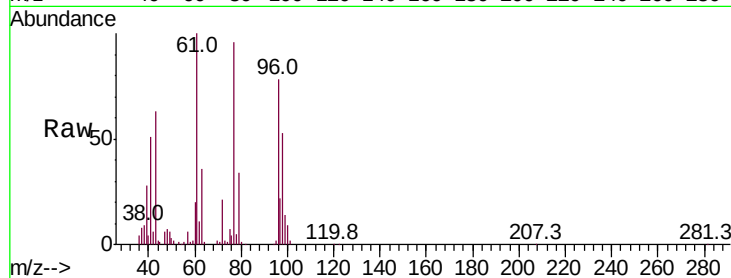
VSTDCCC050EC

Tot Ion: 43 Resp: 137755

Ion Ratio Lower Upper

43 100

72 32.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 47.695 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067352.D

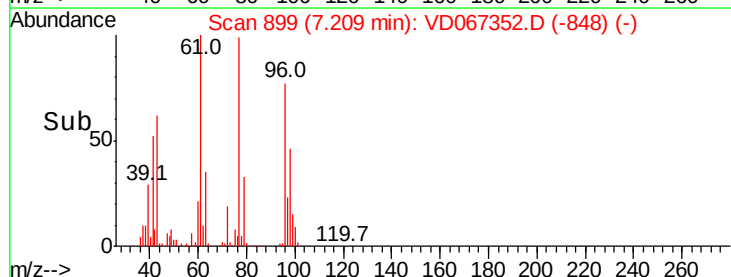
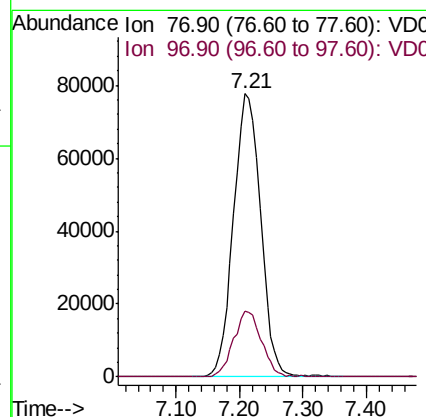
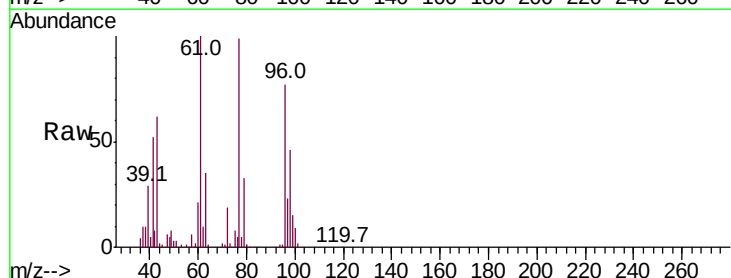
Acq: 21 Oct 2020 17:16

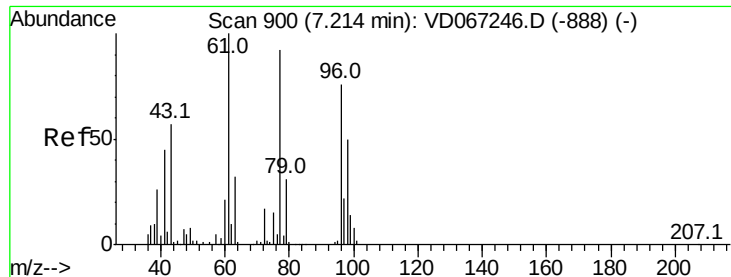
Tgt Ion: 77 Resp: 230869

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.2



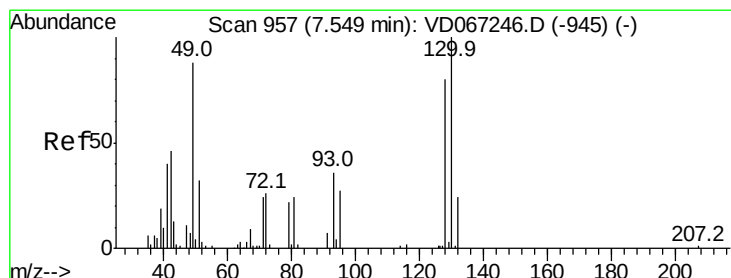
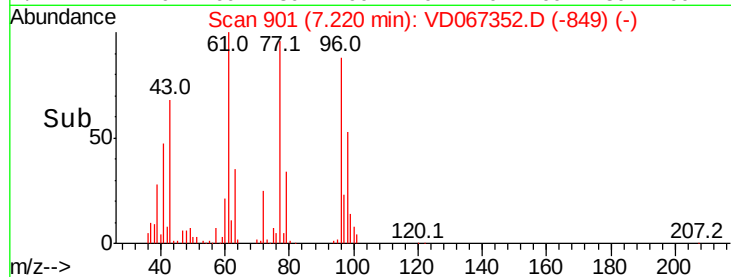
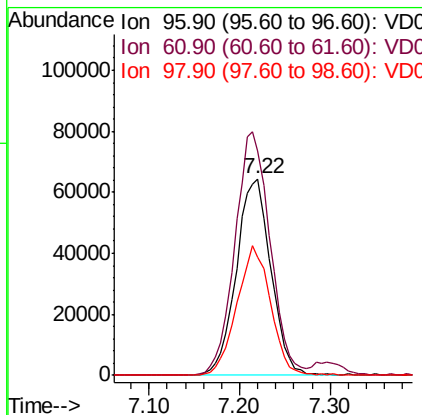
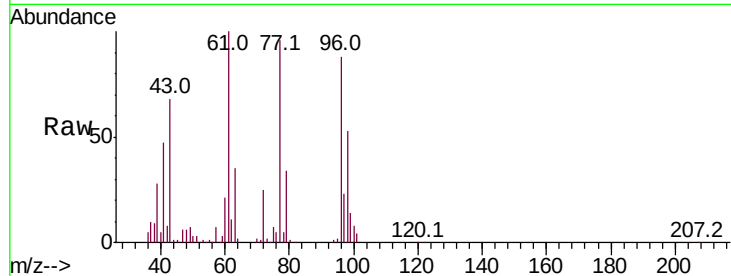


#27

cis-1,2-Dichloroethene
 Concen: 51.778 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

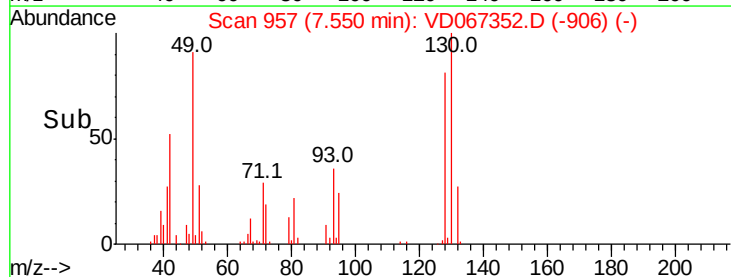
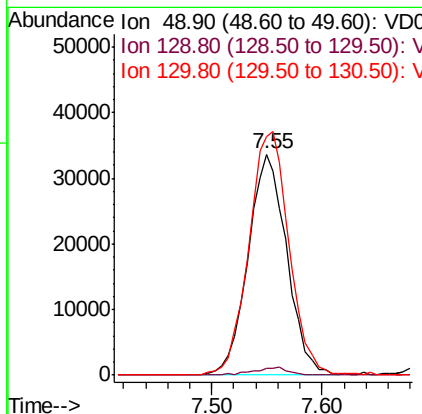
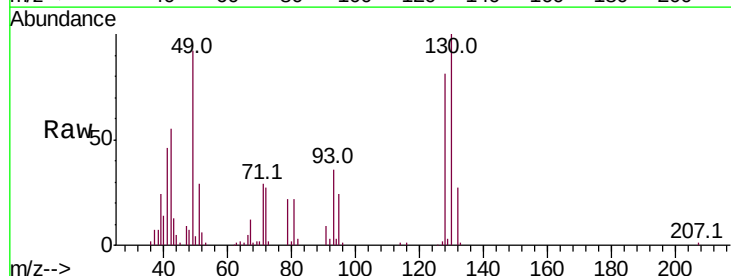
Tot Ion: 96 Resp: 171257
 Ion Ratio Lower Upper
 96 100
 61 125.5 0.0 255.4
 98 64.0 0.0 128.0

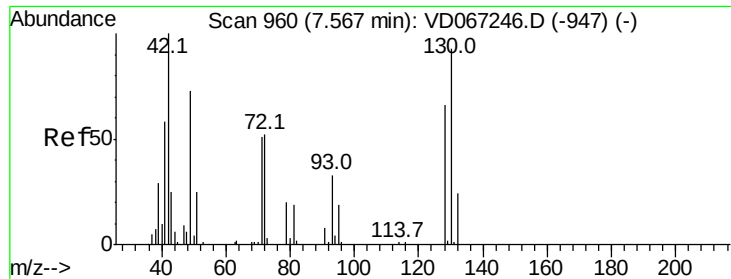


#28

Bromochloromethane
 Concen: 51.668 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion: 49 Resp: 82763
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 1.6#
 130 114.0 91.0 136.6

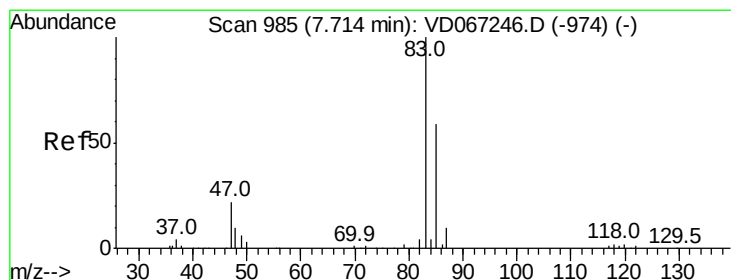
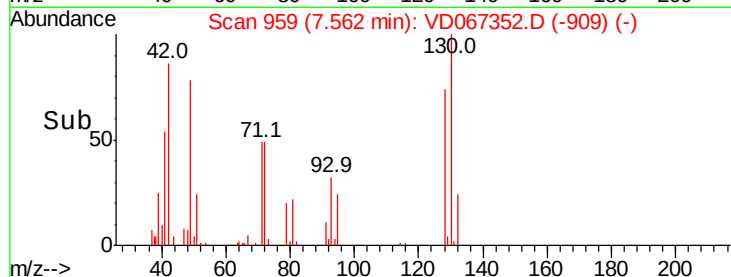
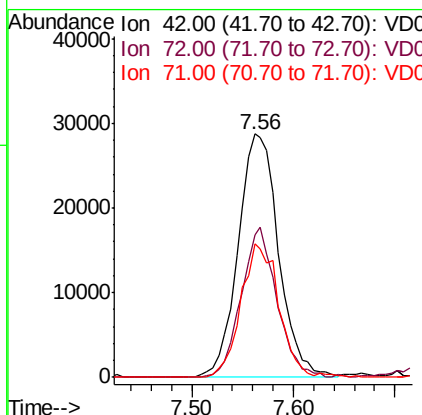
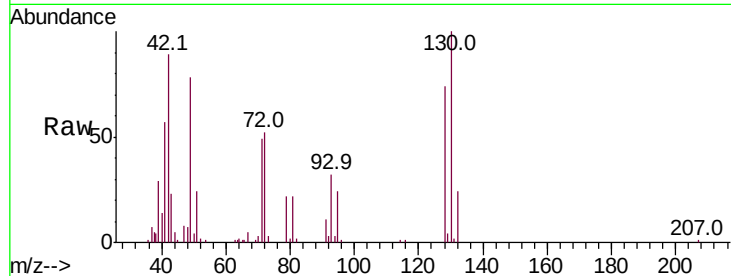




#29
Tetrahydrofuran
Concen: 281.457 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

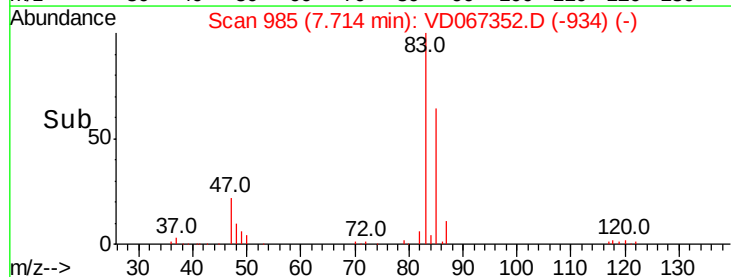
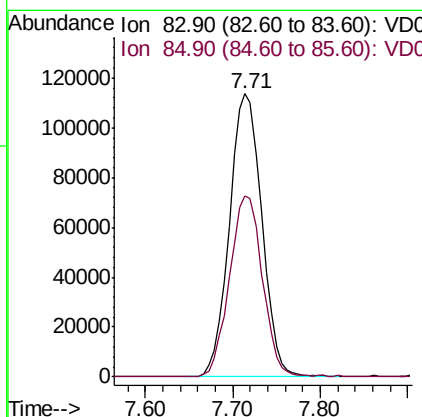
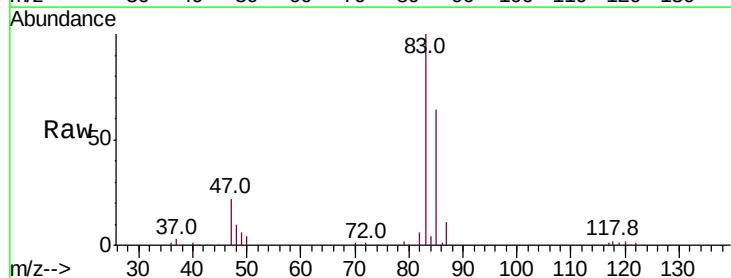
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

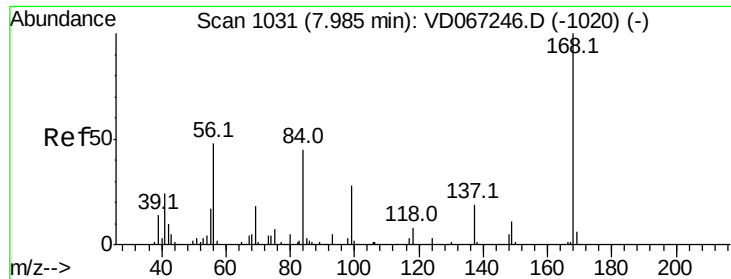
Tot Ion: 42 Resp: 79513
Ion Ratio Lower Upper
42 100
72 54.3 43.2 64.8
71 51.2 39.4 59.0



#30
Chloroform
Concen: 50.921 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 83 Resp: 285674
Ion Ratio Lower Upper
83 100
85 64.1 47.3 70.9

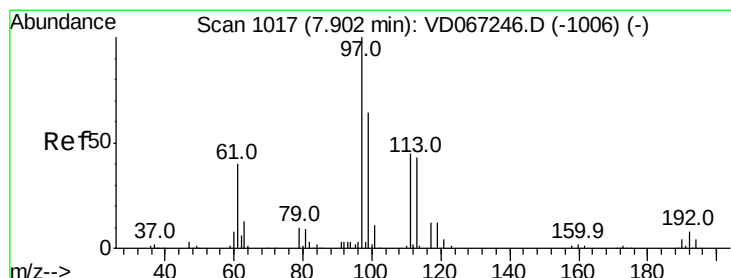
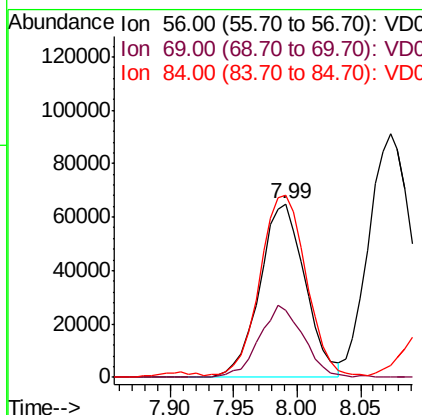
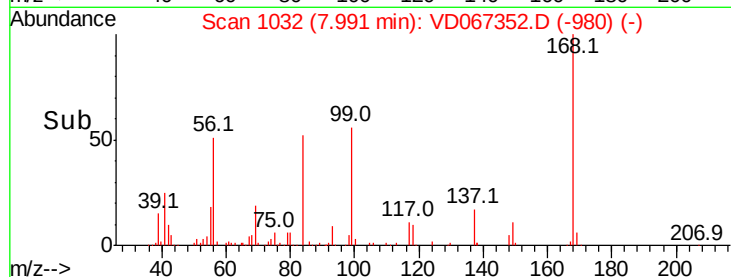
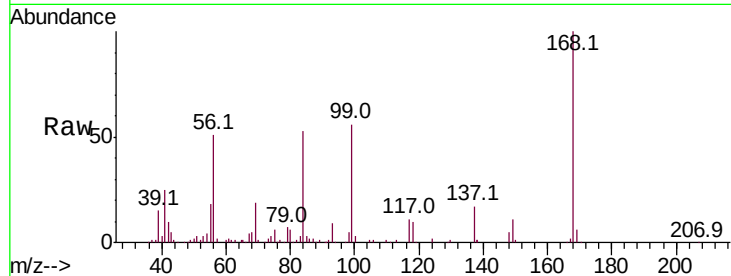




#31
Cyclohexane
Concen: 43.994 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

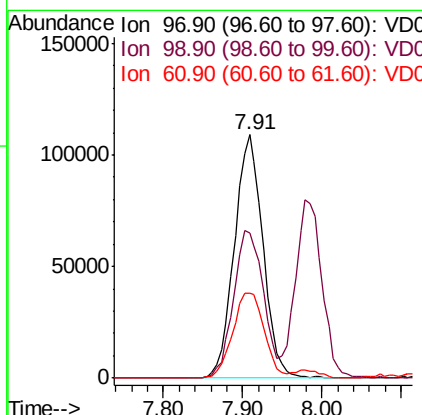
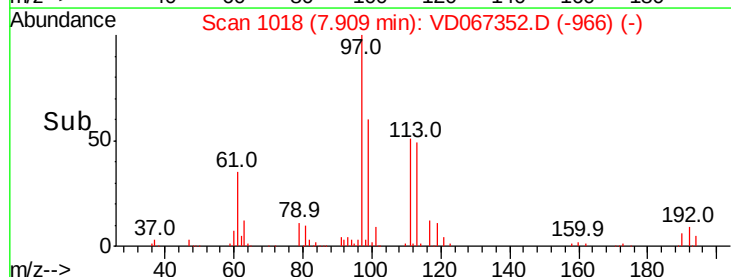
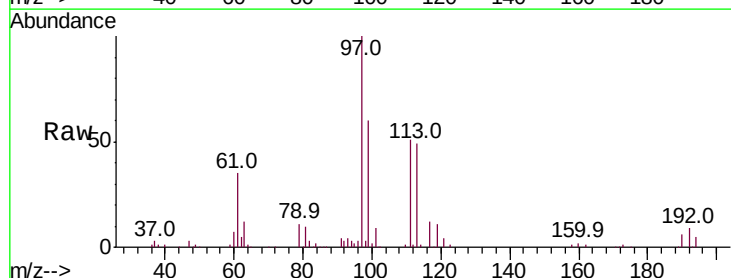
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

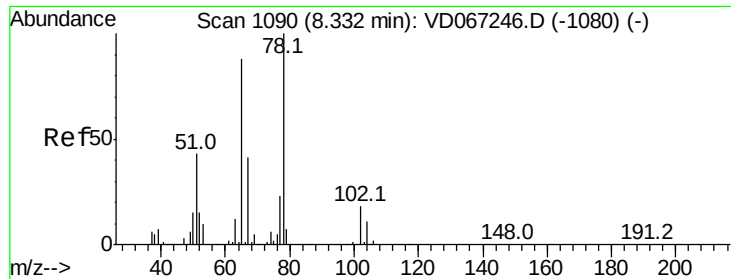
Tot Ion: 56 Resp: 161309
Ion Ratio Lower Upper
56 100
69 38.3 29.8 44.6
84 103.2 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 49.412 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 97 Resp: 271989
Ion Ratio Lower Upper
97 100
99 63.2 50.2 75.4
61 38.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 51.722 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

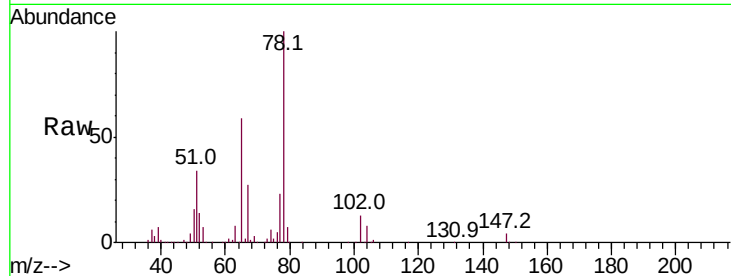
VSTDCCC050EC

Tot Ion: 65 Resp: 164652

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

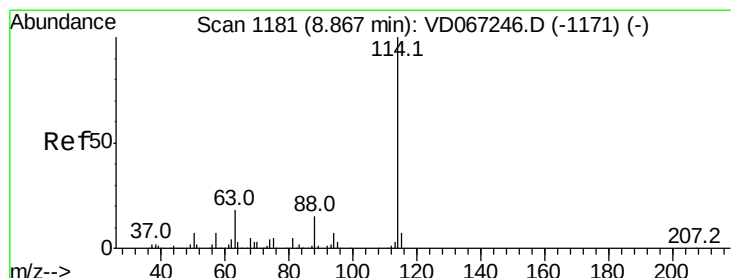
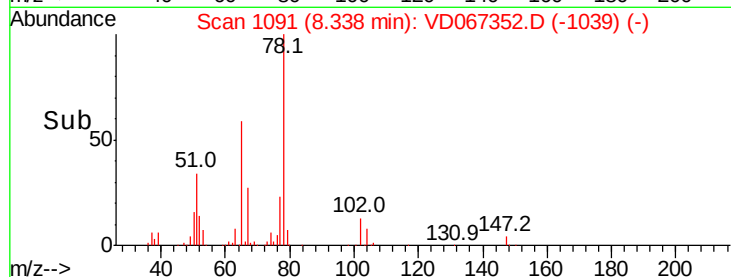
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

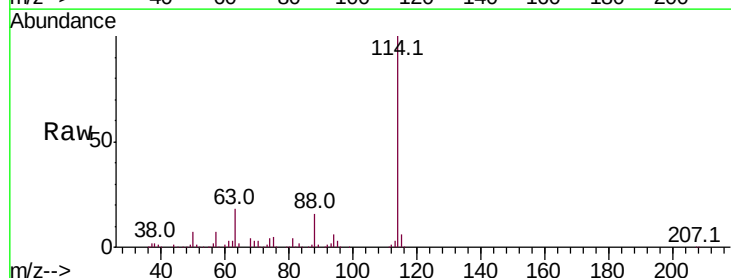
Tgt Ion: 114 Resp: 475592

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

300000

250000

200000

150000

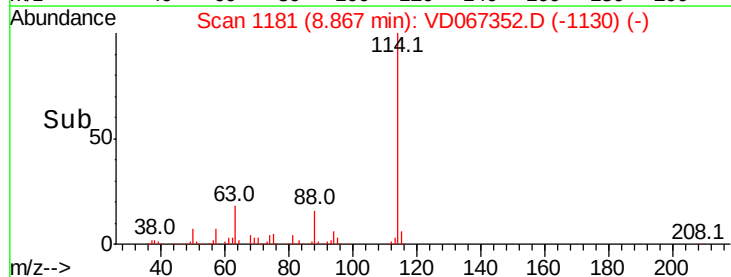
100000

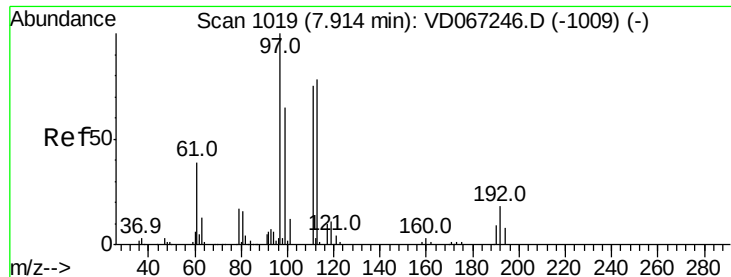
50000

0

8.80 8.90 9.00

Time-->

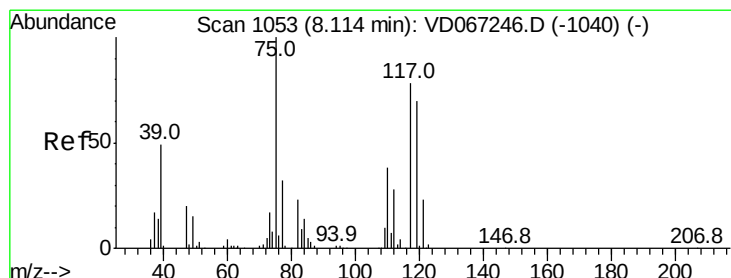
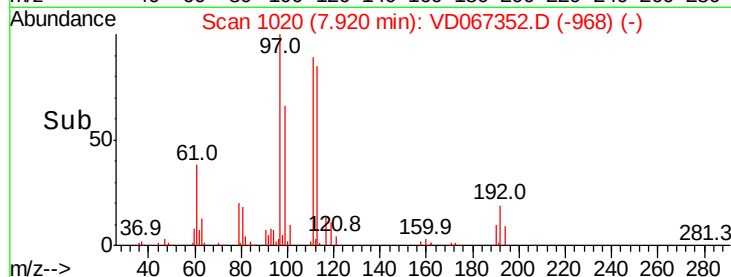
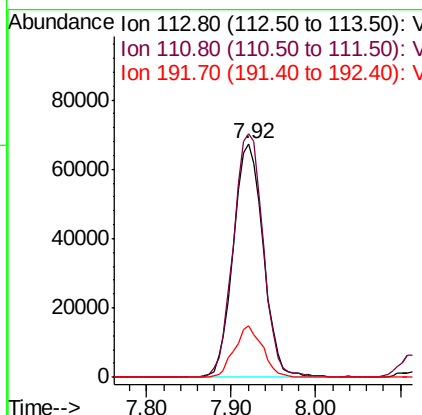
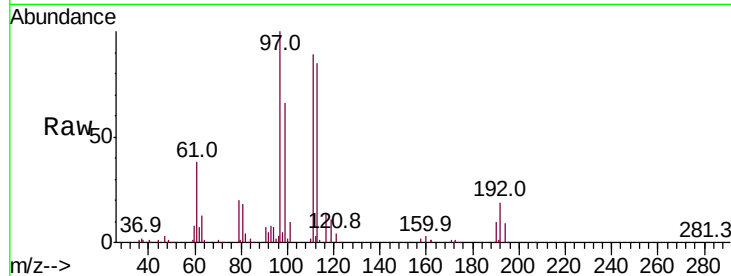




#35
Dibromofluoromethane
Concen: 52.169 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

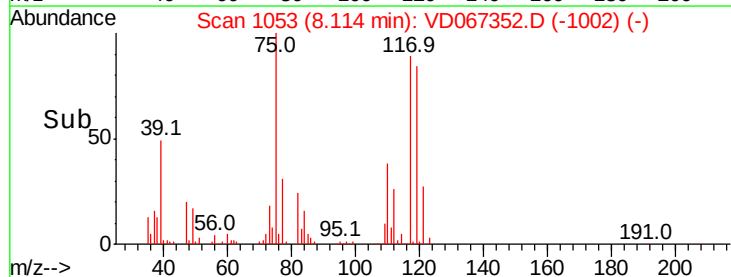
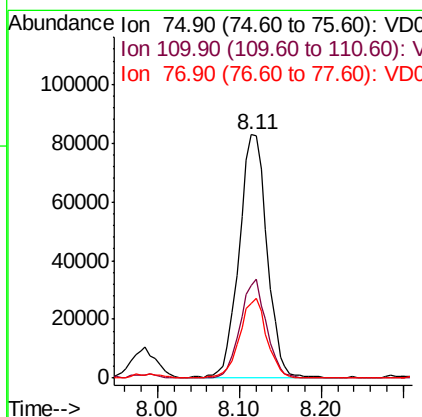
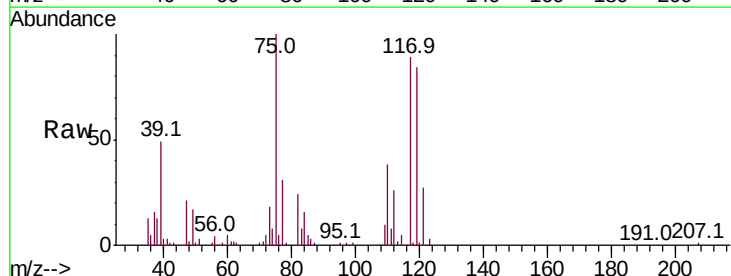
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

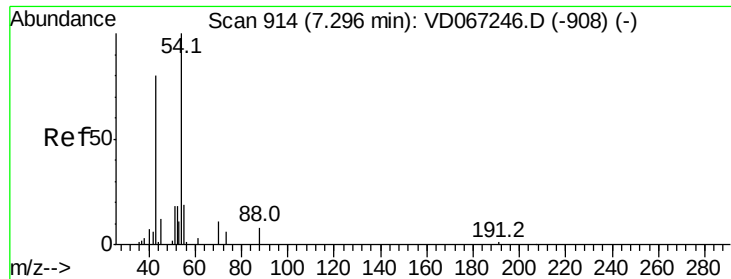
Tot Ion:113 Resp: 165119
Ion Ratio Lower Upper
113 100
111 104.1 81.6 122.4
192 20.7 17.0 25.4



#36
1,1-Dichloropropene
Concen: 49.178 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 75 Resp: 198234
Ion Ratio Lower Upper
75 100
110 37.5 19.6 58.7
77 31.5 24.6 37.0

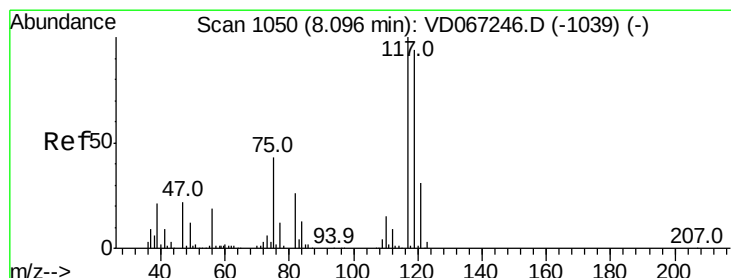
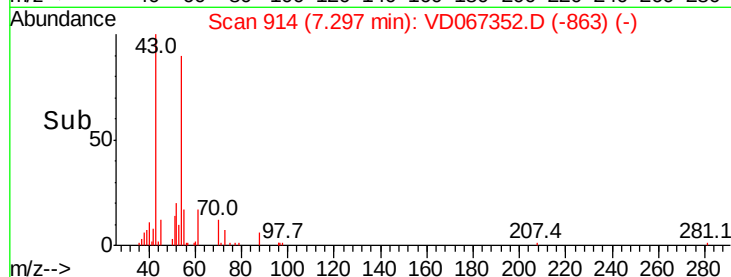
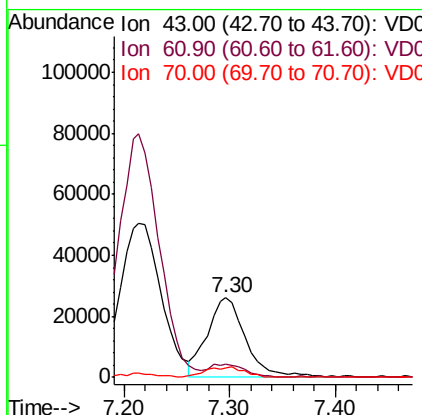
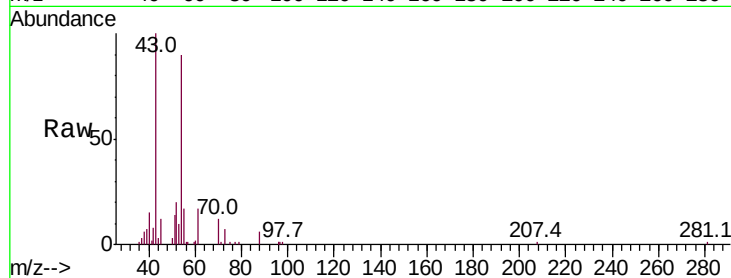




#37
Ethyl Acetate
Concen: 54.158 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

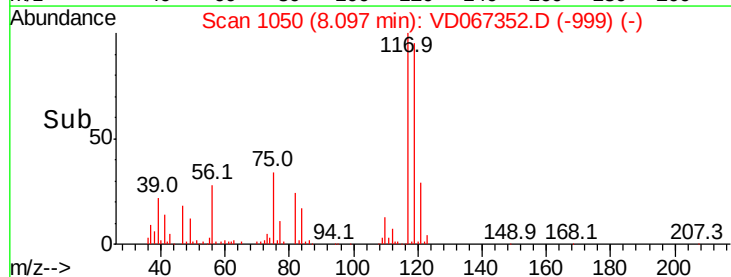
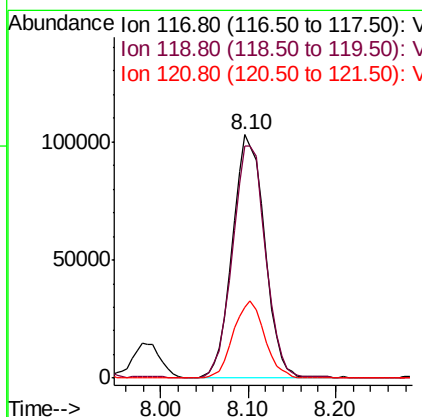
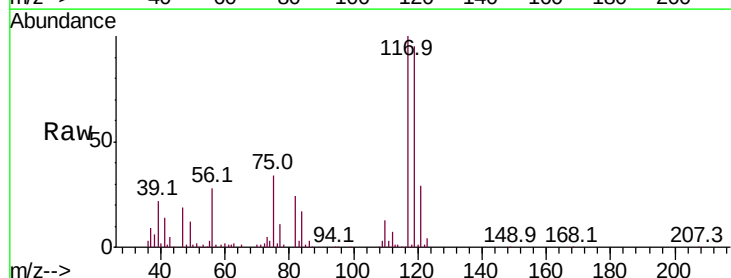
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

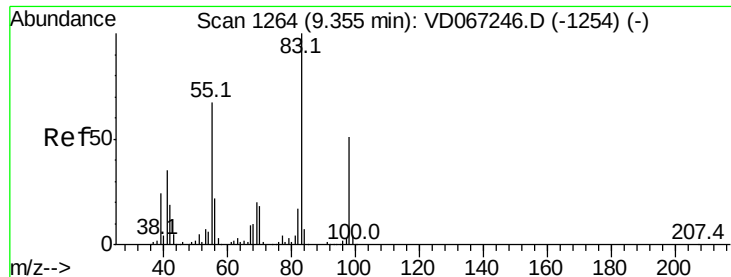
Tot Ion: 43 Resp: 64230
Ion Ratio Lower Upper
43 100
61 16.5 15.6 23.4
70 13.6 10.4 15.6



#38
Carbon Tetrachloride
Concen: 50.076 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 117 Resp: 257988
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.4
121 29.1 24.9 37.3

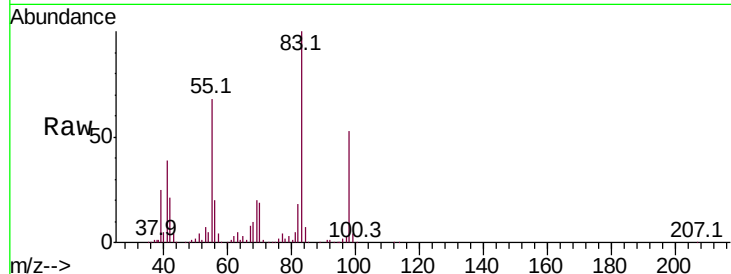




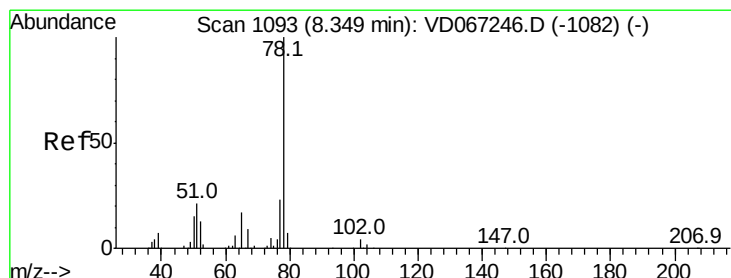
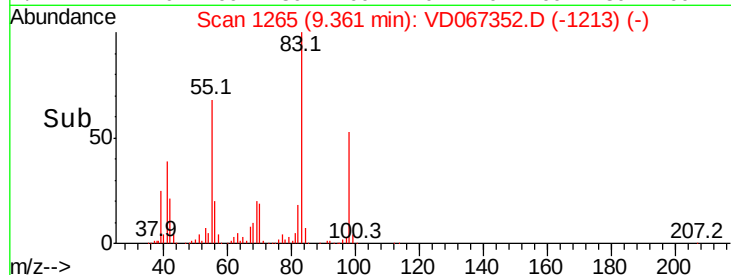
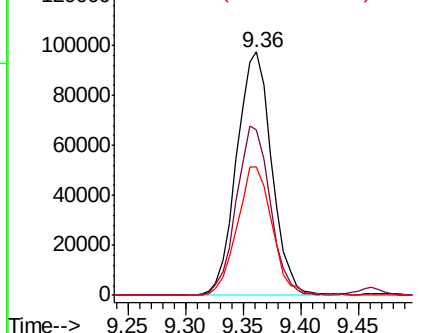
#39
Methylvlcyclohexane
Concen: 48.845 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 205838
Ion Ratio Lower Upper
83 100
55 67.9 53.3 79.9
98 53.0 41.0 61.4

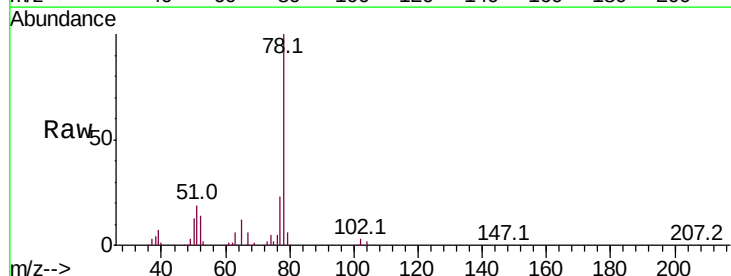


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

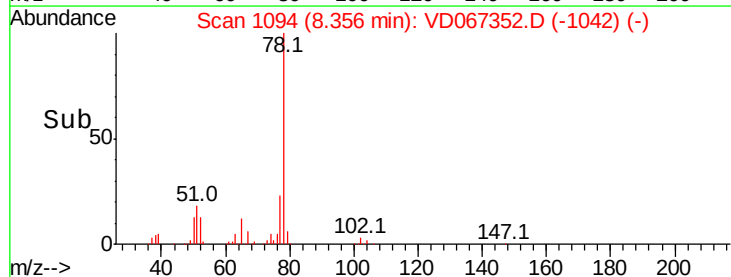
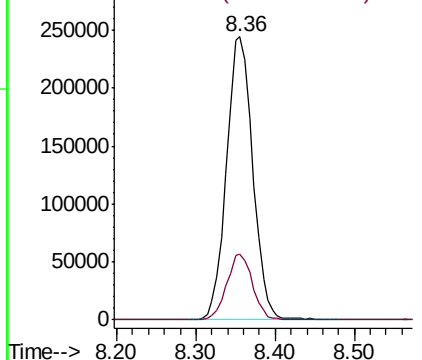


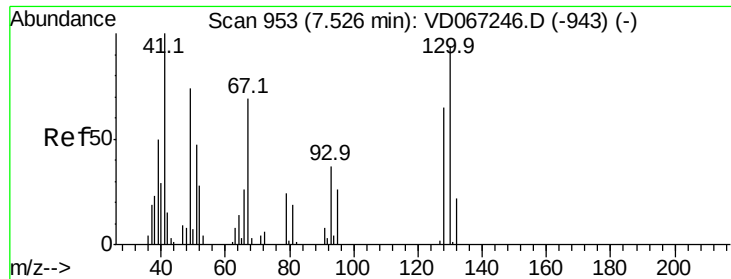
#40
Benzene
Concen: 50.645 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 78 Resp: 560053
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5



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

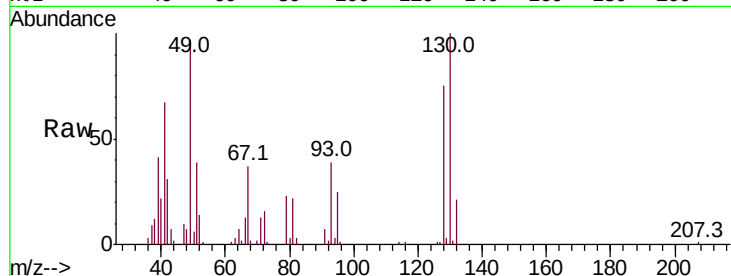




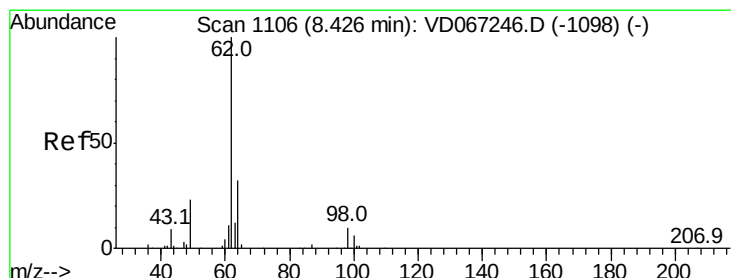
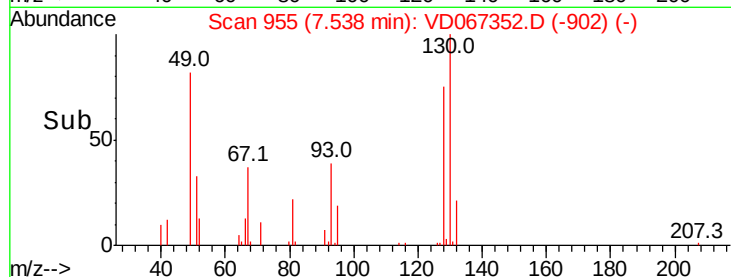
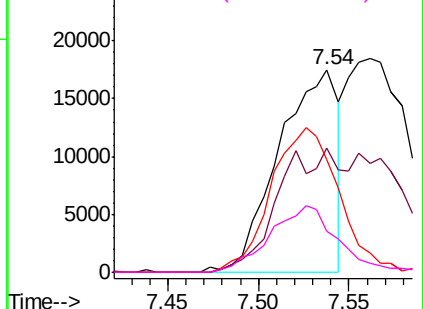
#41
Methacrylonitrile
Concen: 62.570 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 40100
Ion Ratio Lower Upper
41 100
39 35.3 60.0 90.0#
67 81.3 88.9 133.3#
52 37.0 36.9 55.3

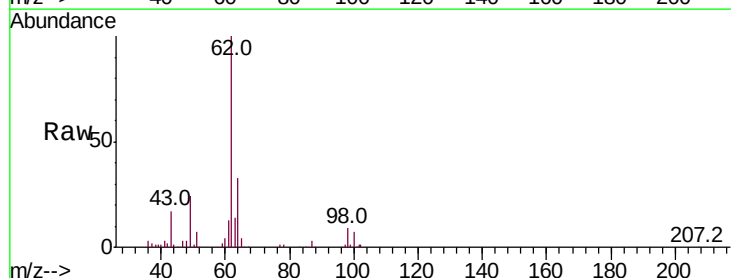


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

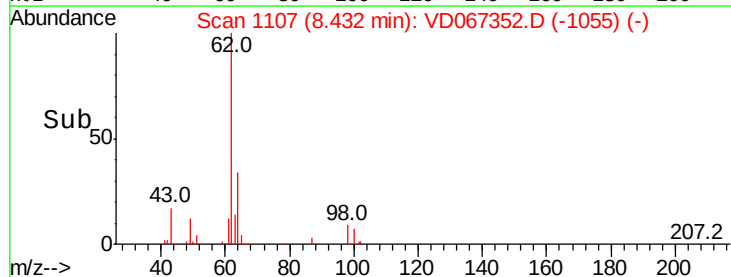
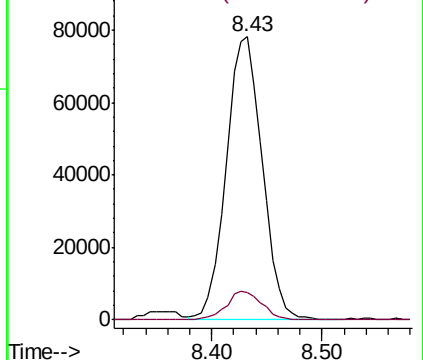


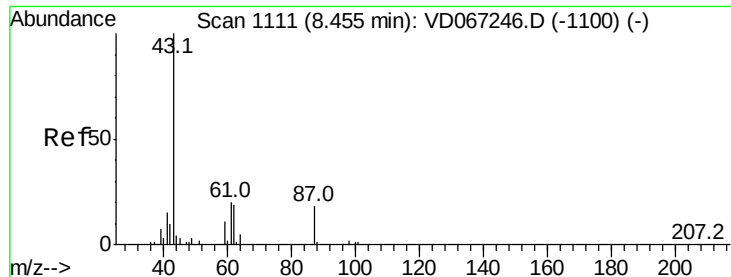
#42
1,2-Dichloroethane
Concen: 51.401 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 62 Resp: 177884
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4



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





#43

Isopropyl Acetate

Concen: 54.212 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

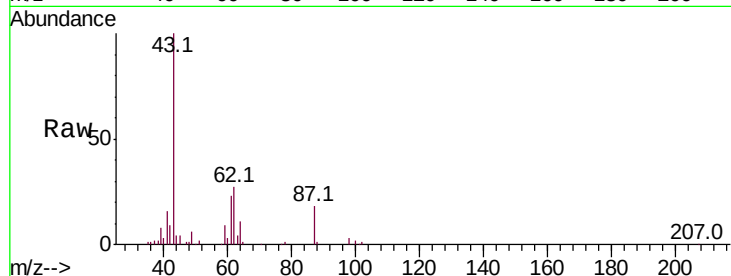
Tot Ion: 43 Resp: 127577

Ion Ratio Lower Upper

43 100

61 35.8 29.5 44.3

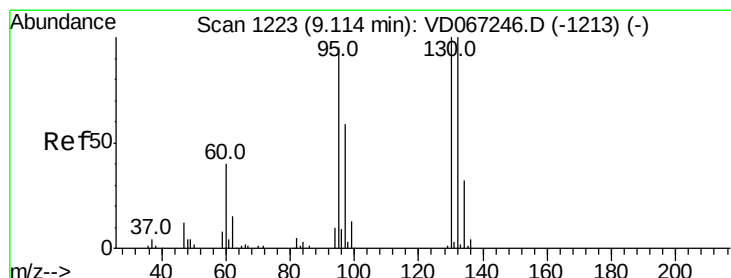
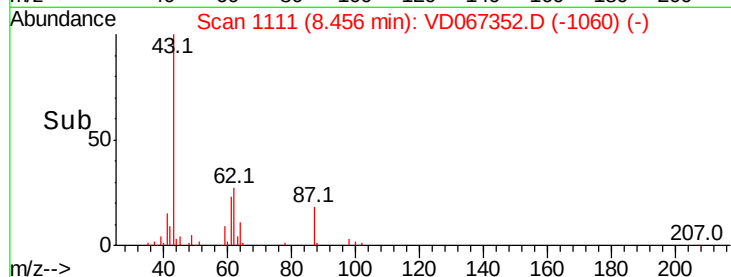
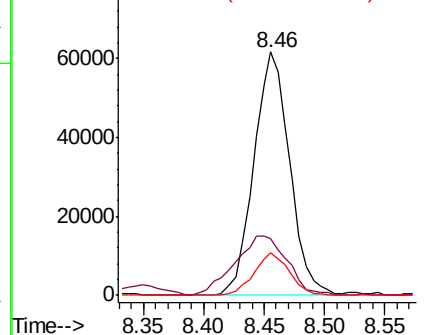
87 17.1 14.2 21.4



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: 49.536 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067352.D

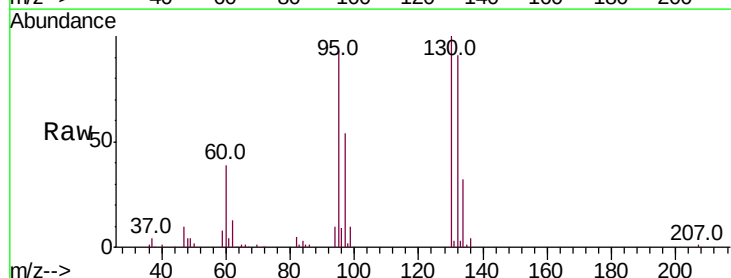
Acq: 21 Oct 2020 17:16

Tgt Ion:130 Resp: 175390

Ion Ratio Lower Upper

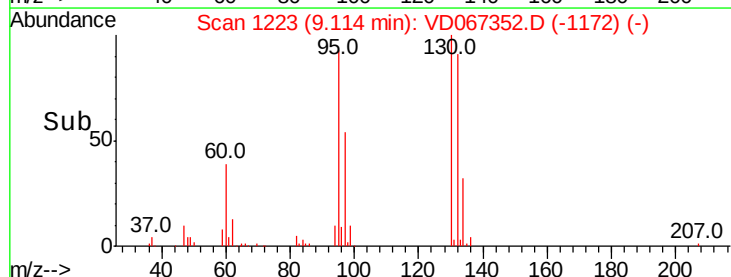
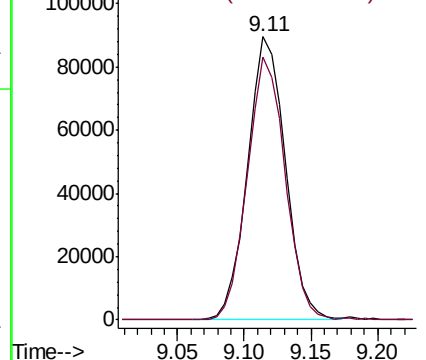
130 100

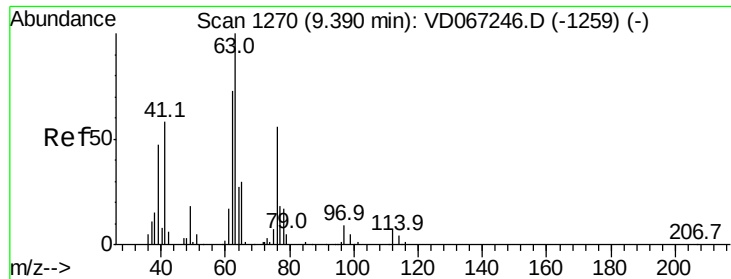
95 93.0 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

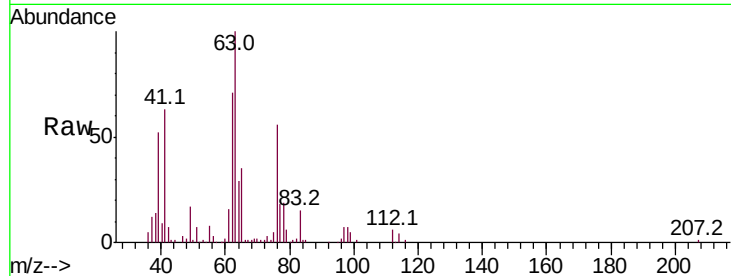




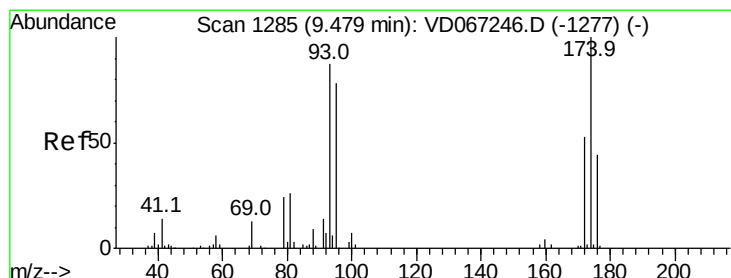
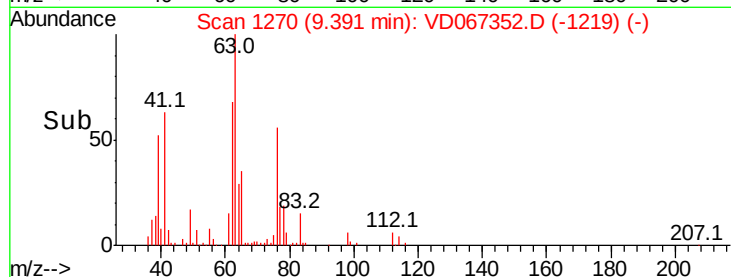
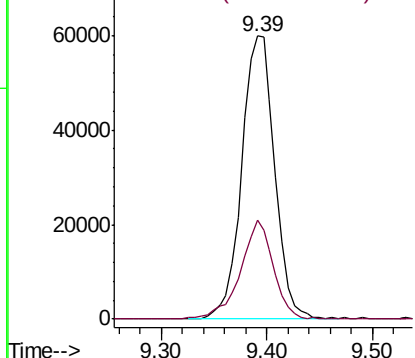
#45
 1,2-Dichloropropane
 Concen: 50.629 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 129756
 Ion Ratio Lower Upper
 63 100
 65 35.2 24.6 36.8

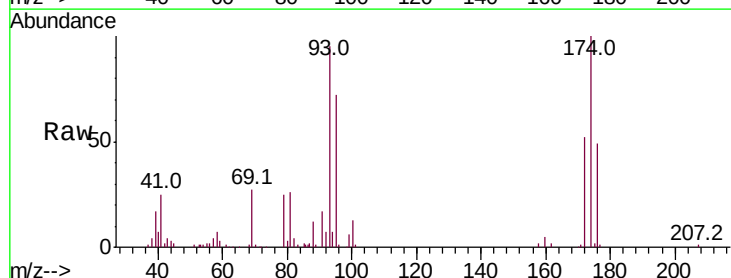


Abundance Ion 62.90 (62.60 to 63.60): VDC
 Ion 64.90 (64.60 to 65.60): VDC

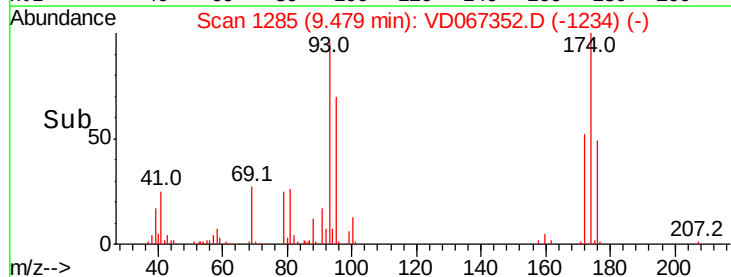
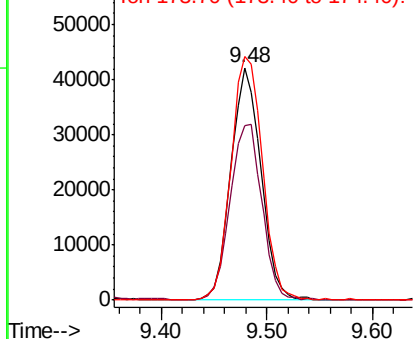


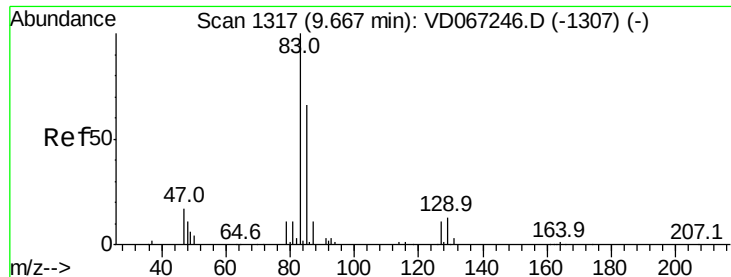
#46
 Dibromomethane
 Concen: 51.948 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion: 93 Resp: 82952
 Ion Ratio Lower Upper
 93 100
 95 80.0 68.0 102.0
 174 109.4 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: 50.986 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

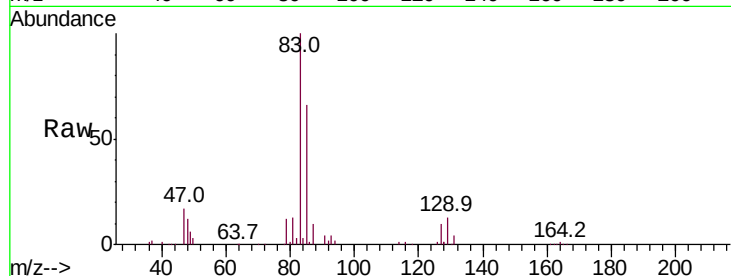
Tot Ion: 83 Resp: 218131

Ion Ratio Lower Upper

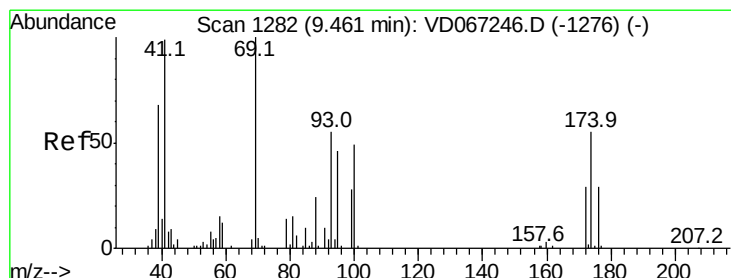
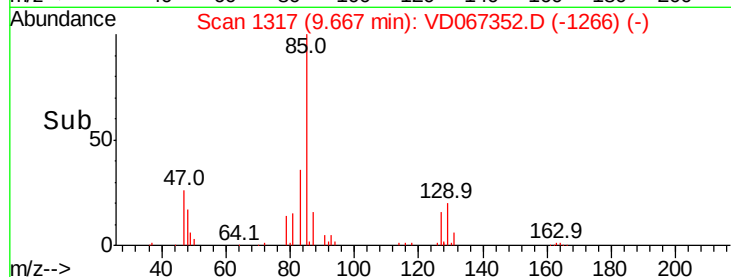
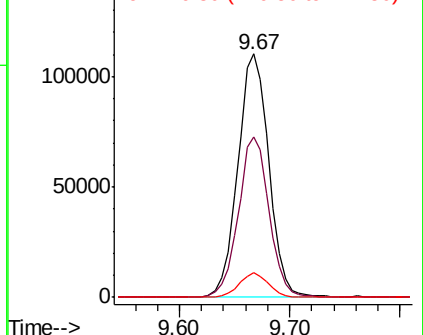
83 100

85 66.0 53.1 79.7

127 10.4 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: 54.690 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

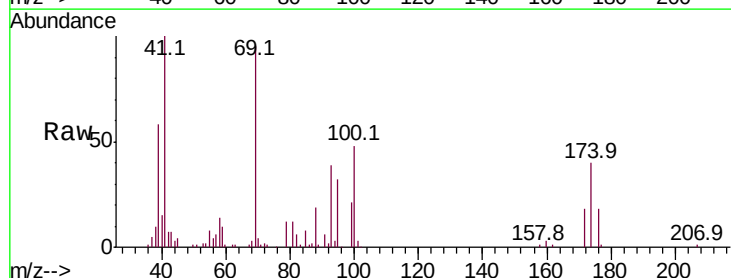
Tgt Ion: 41 Resp: 62545

Ion Ratio Lower Upper

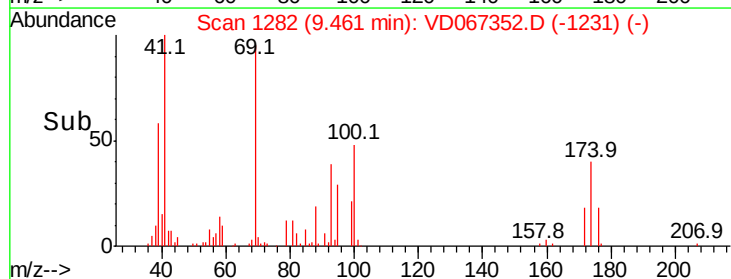
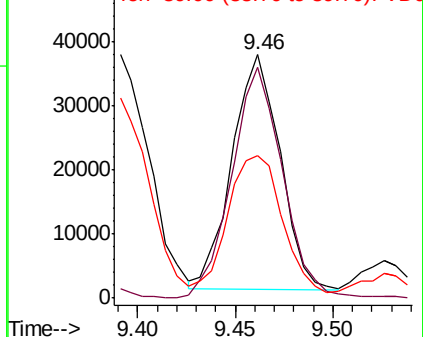
41 100

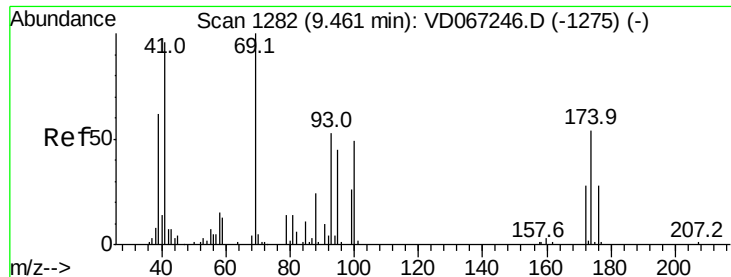
69 104.3 89.0 133.6

39 71.1 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: 1162.455 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

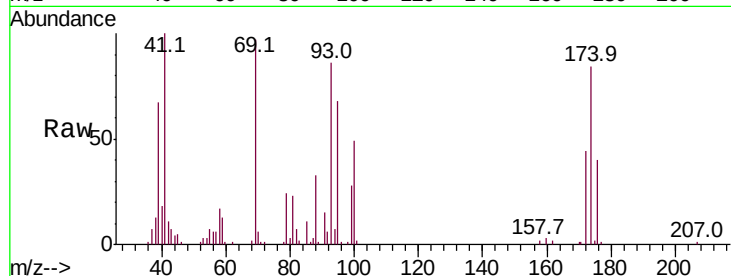
Tot Ion: 88 Resp: 17887

Ion Ratio Lower Upper

88 100

43 31.7 23.9 35.9

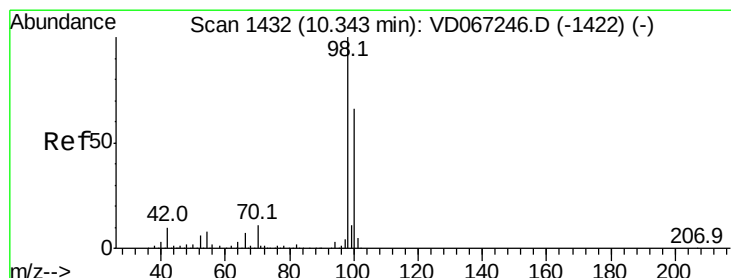
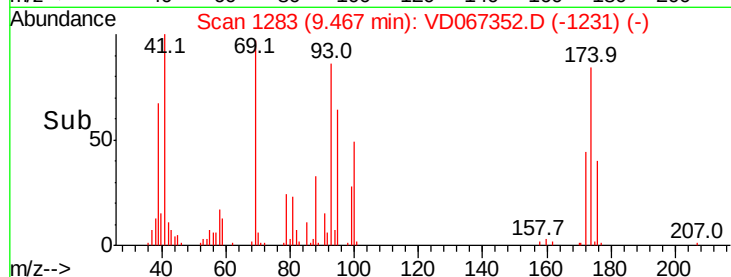
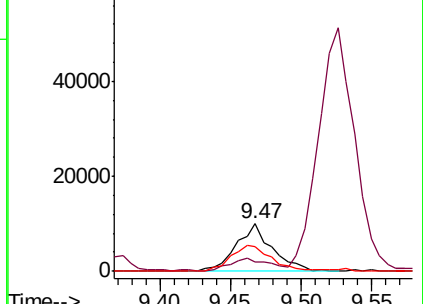
58 62.3 51.0 76.6



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: 50.996 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067352.D

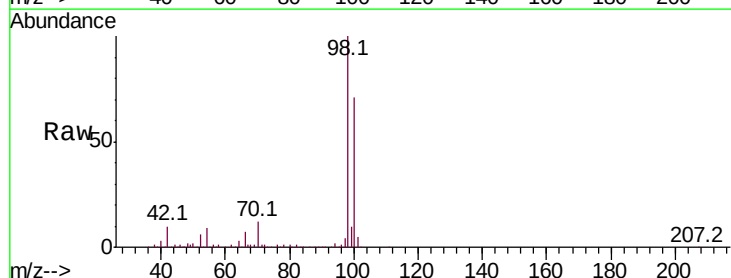
Acq: 21 Oct 2020 17:16

Tgt Ion: 98 Resp: 584109

Ion Ratio Lower Upper

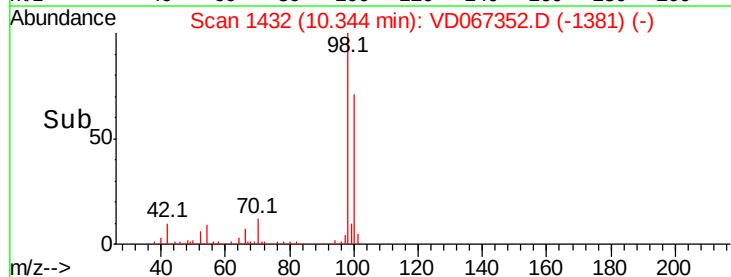
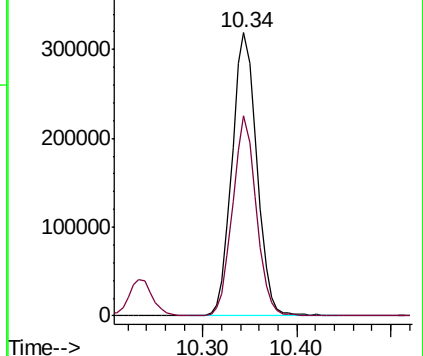
98 100

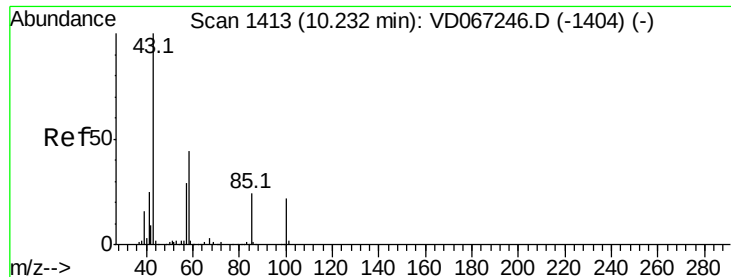
100 67.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

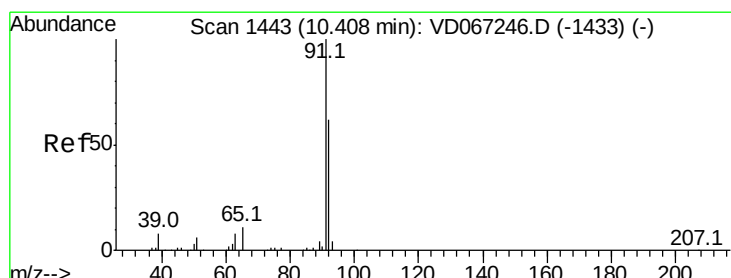
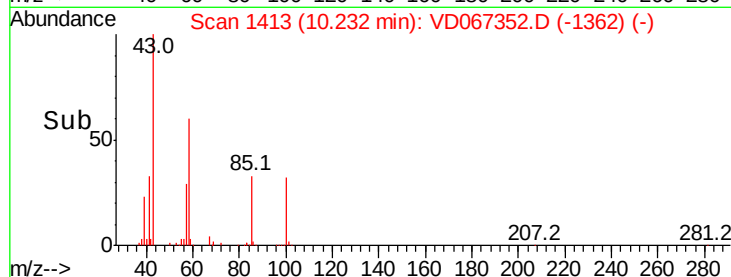
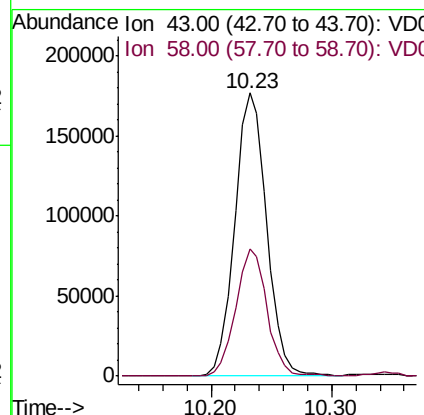
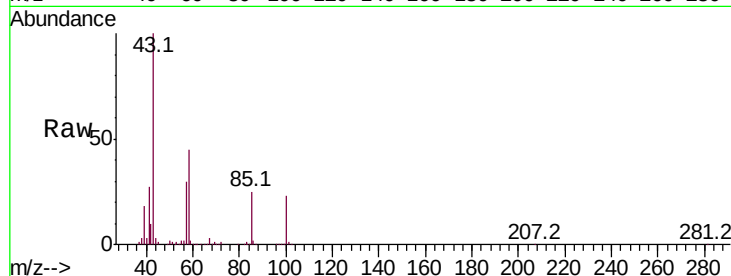




#51
4-Methyl-2-Pentanone
Concen: 275.801 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

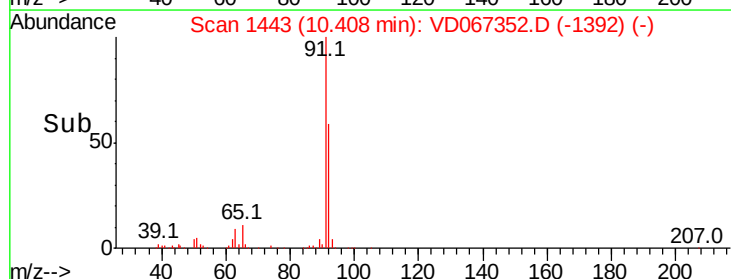
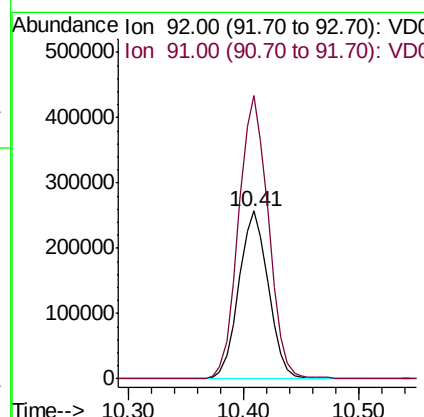
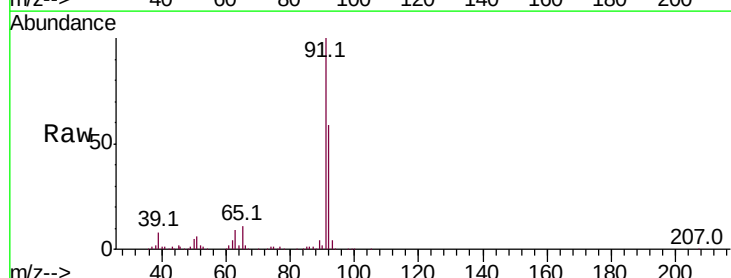
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

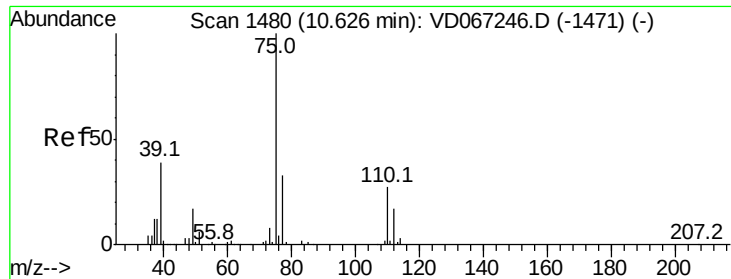
Tot Ion: 43 Resp: 323722
Ion Ratio Lower Upper
43 100
58 44.3 35.7 53.5



#52
Toluene
Concen: 60.568 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 92 Resp: 456195
Ion Ratio Lower Upper
92 100
91 170.8 133.8 200.8

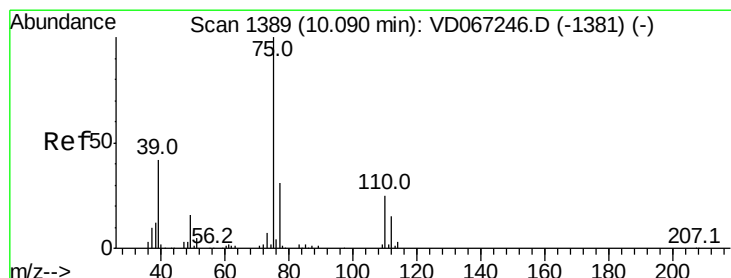
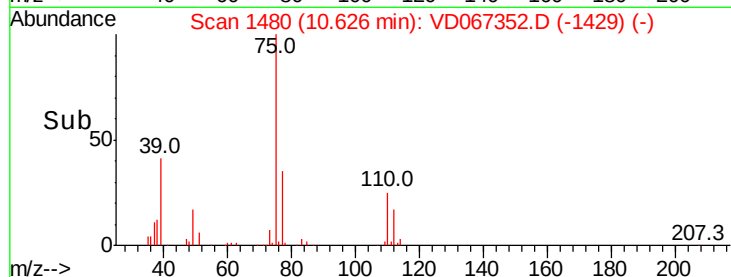
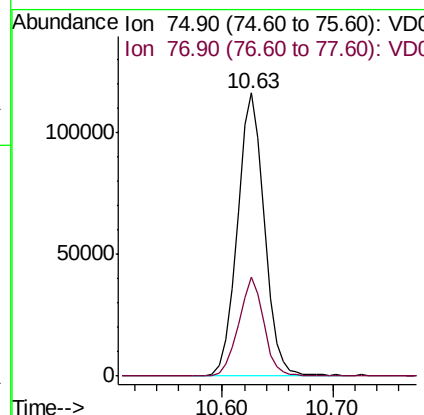
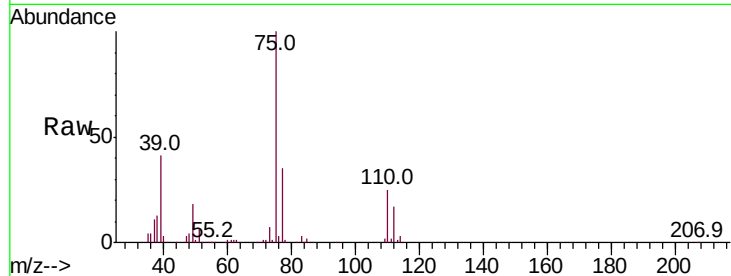




#53
t-1,3-Dichloropropene
Concen: 53.037 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

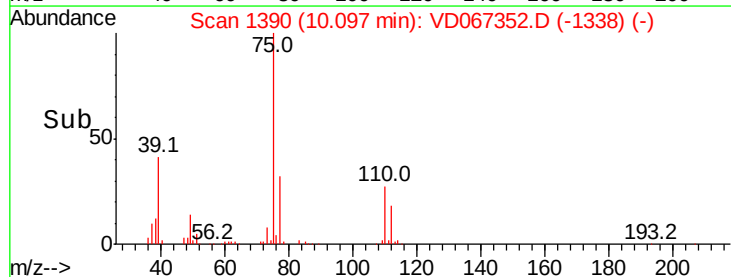
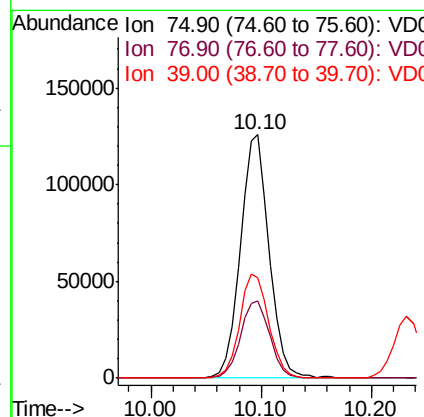
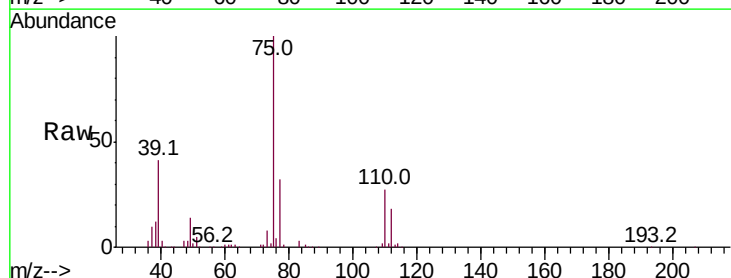
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

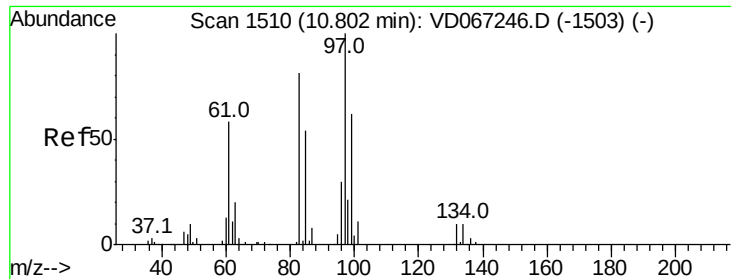
Tot Ion: 75 Resp: 199323
Ion Ratio Lower Upper
75 100
77 35.1 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 52.047 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 75 Resp: 228917
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7
39 40.9 33.7 50.5

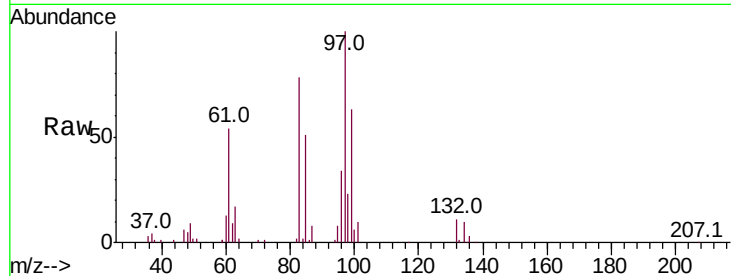




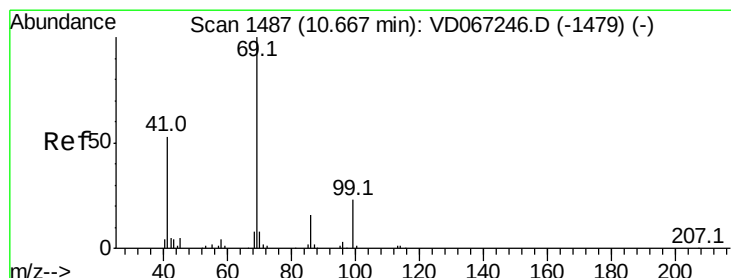
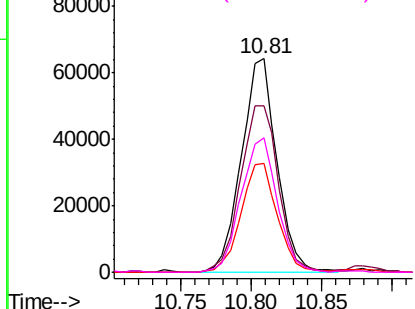
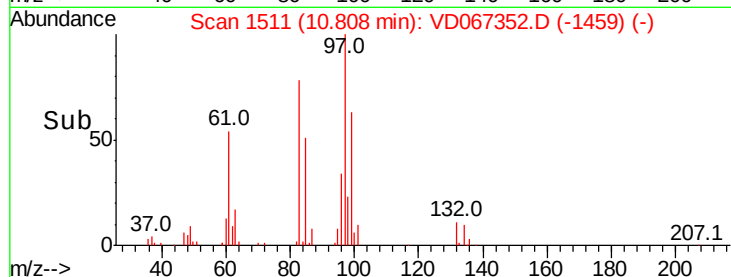
#55
 1,1,2-Trichloroethane
 Concen: 51.998 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	113225
Ion	Ratio	Lower	Upper
97	100		
83	77.8	64.9	97.3
85	50.8	43.3	64.9
99	63.1	49.1	73.7

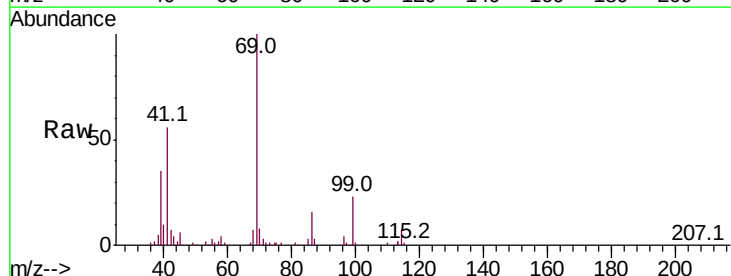


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

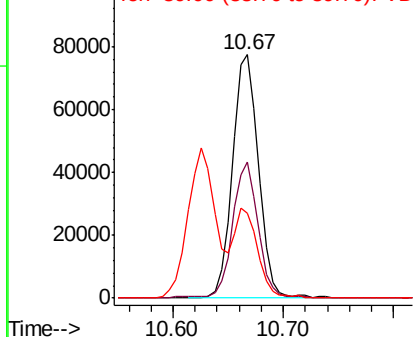
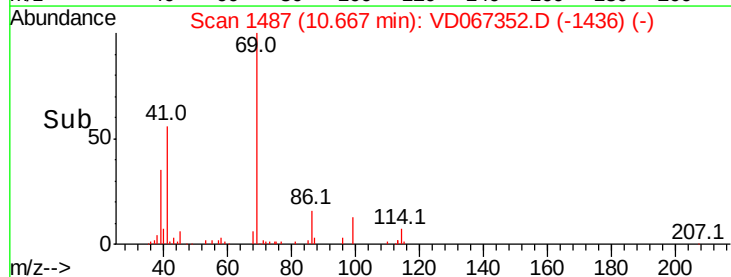


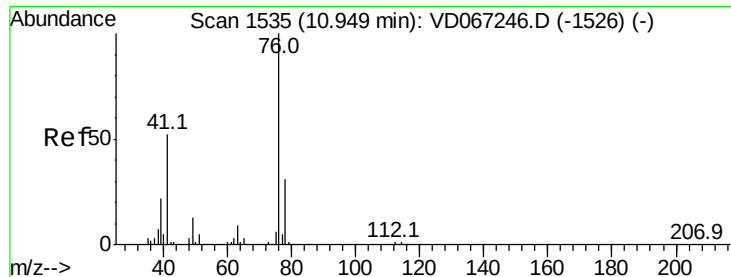
#56
 Ethyl methacrylate
 Concen: 56.842 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion:	69	Resp:	128364
Ion	Ratio	Lower	Upper
69	100		
41	54.9	44.7	67.1
39	33.2	26.2	39.2



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





#57

1,3-Dichloropropane

Concen: 53.360 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

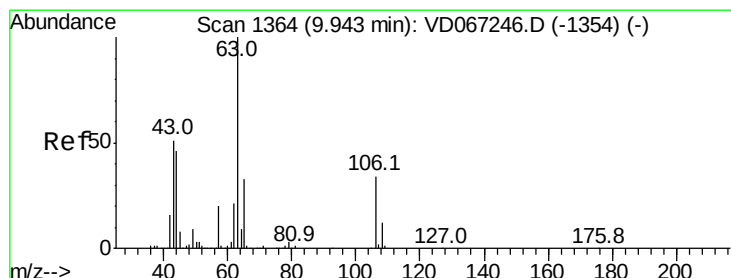
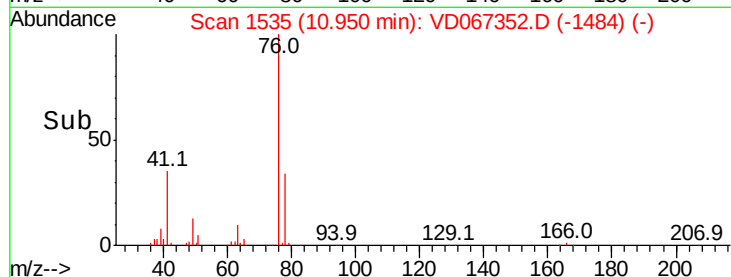
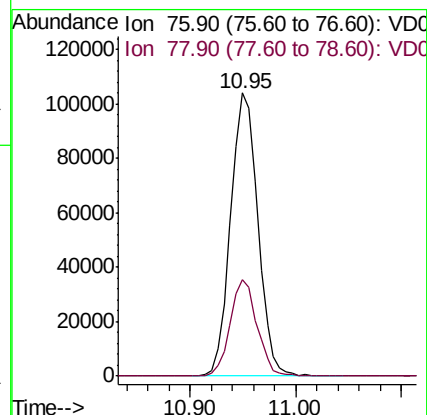
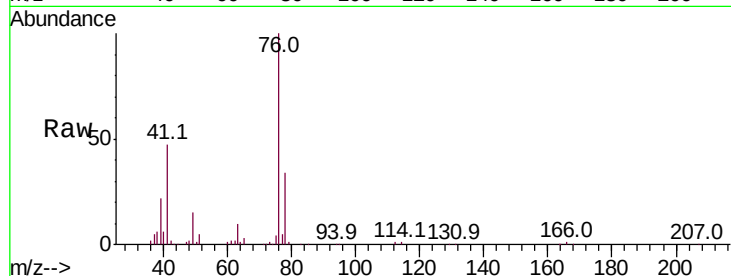
VSTDCCC050EC

Tot Ion: 76 Resp: 184909

Ion Ratio Lower Upper

76 100

78 33.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 270.397 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067352.D

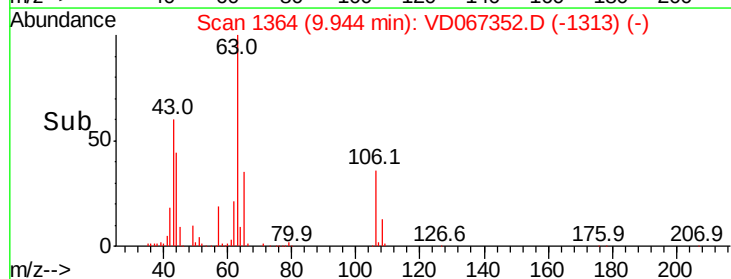
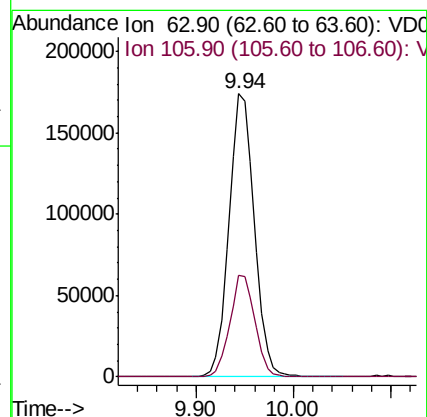
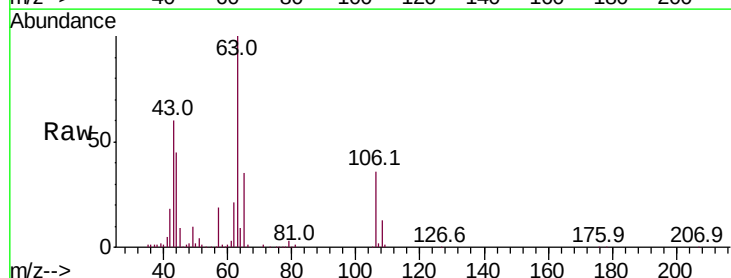
Acq: 21 Oct 2020 17:16

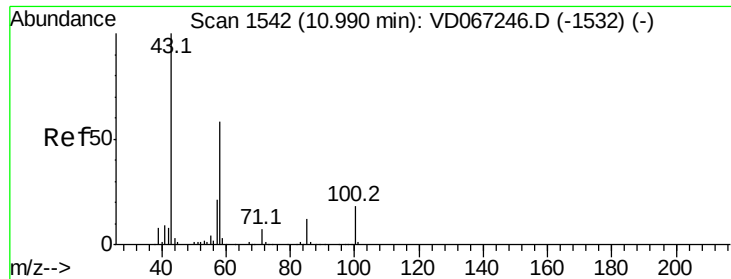
Tgt Ion: 63 Resp: 313253

Ion Ratio Lower Upper

63 100

106 35.6 27.8 41.6

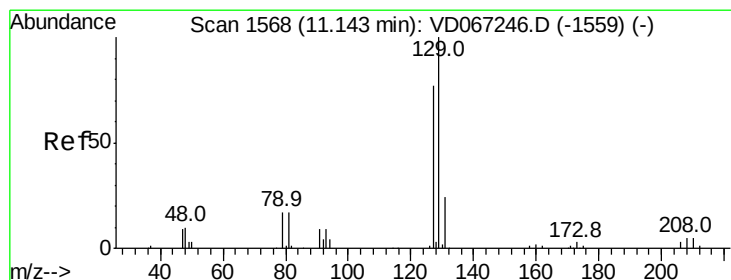
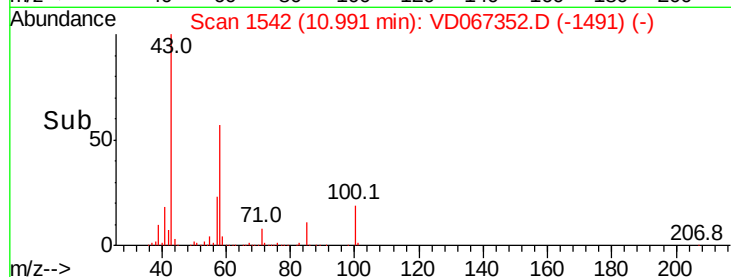
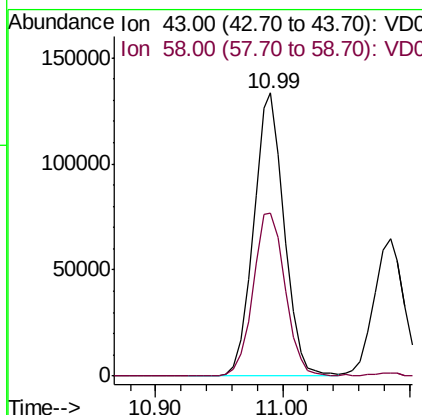
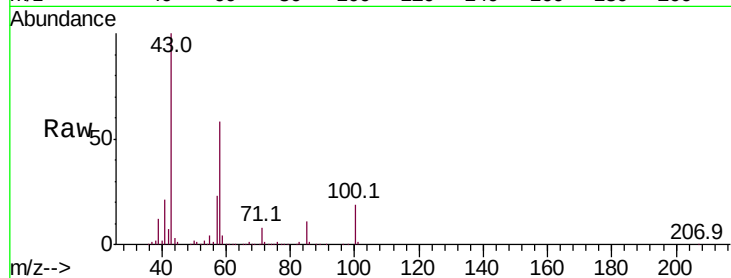




#59
2-Hexanone
Concen: 277.822 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

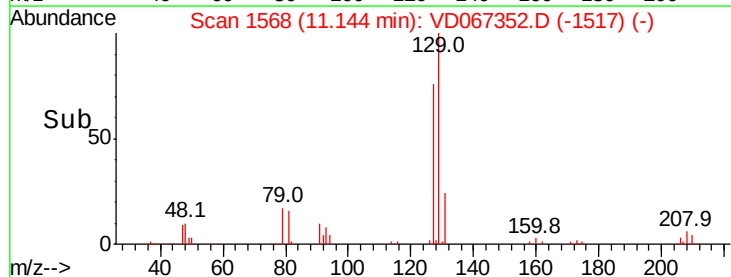
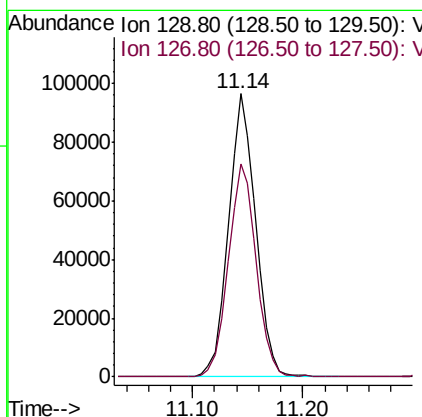
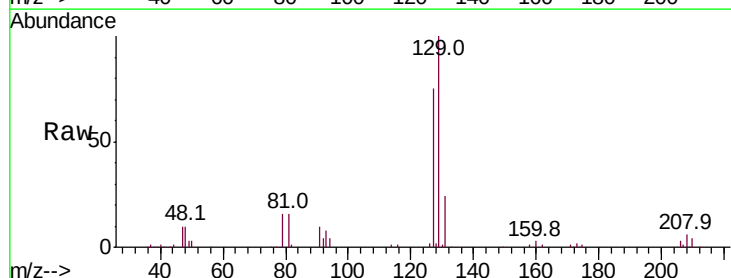
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

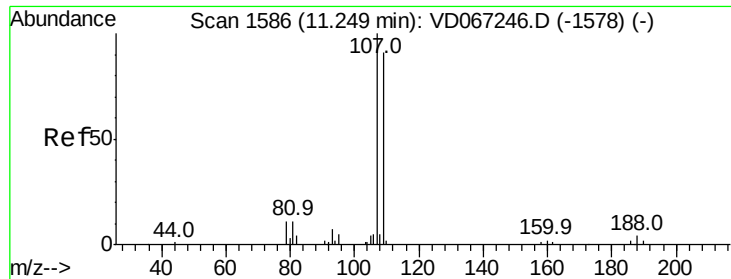
Tot Ion: 43 Resp: 222830
Ion Ratio Lower Upper
43 100
58 60.7 29.3 87.9



#60
Dibromochloromethane
Concen: 52.296 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 129 Resp: 166067
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8

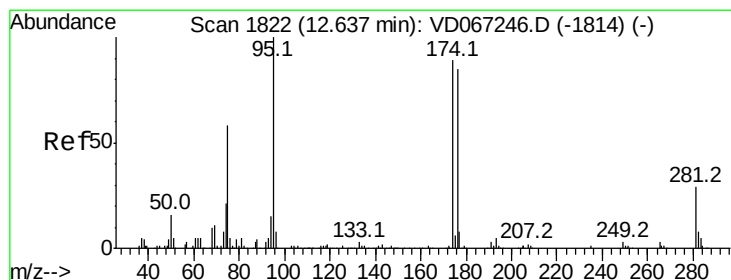
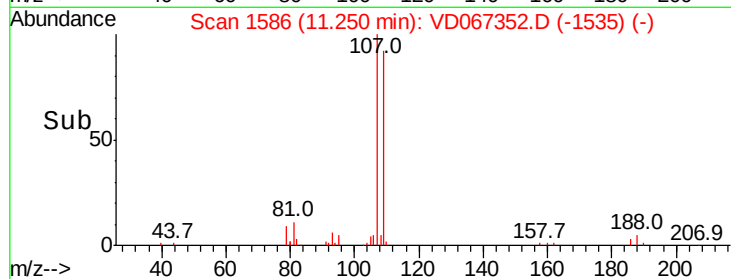
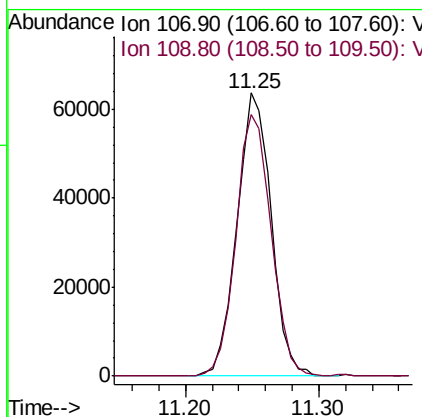
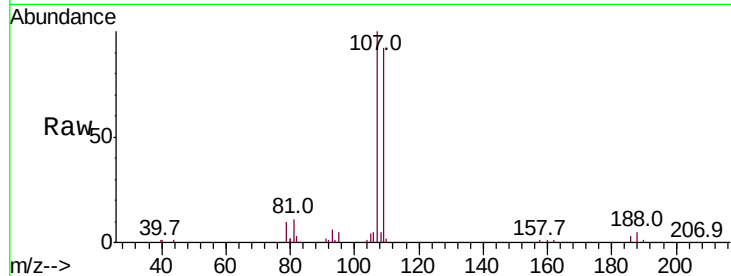




#61
 1,2-Dibromoethane
 Concen: 52.472 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

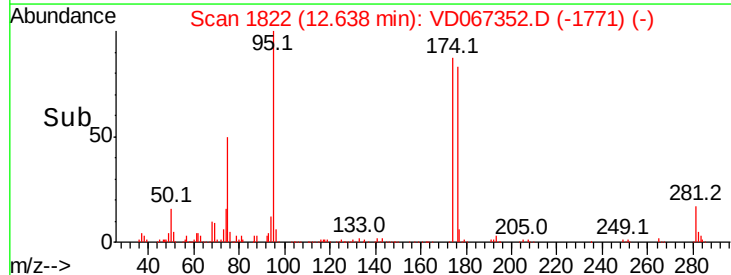
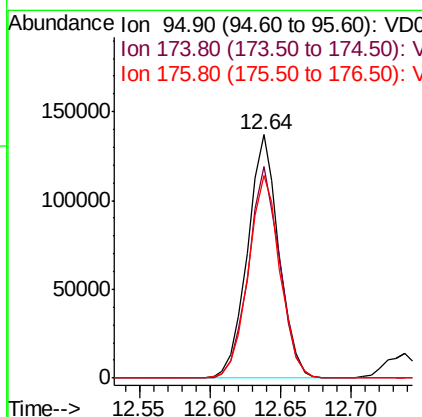
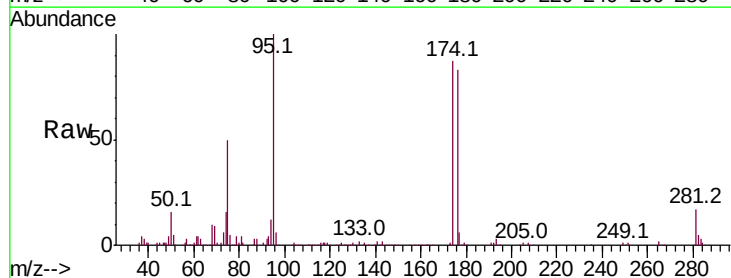
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

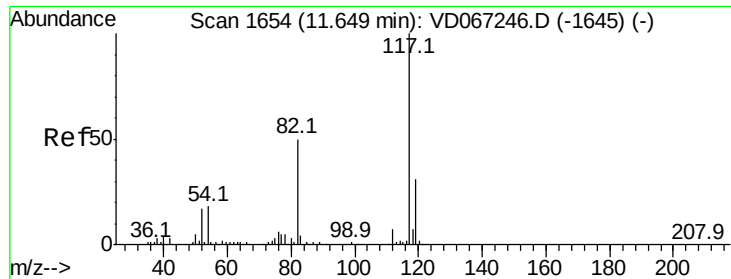
Tot Ion:107 Resp: 112640
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 53.472 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion: 95 Resp: 212970
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 175.2
 176 84.5 0.0 168.6

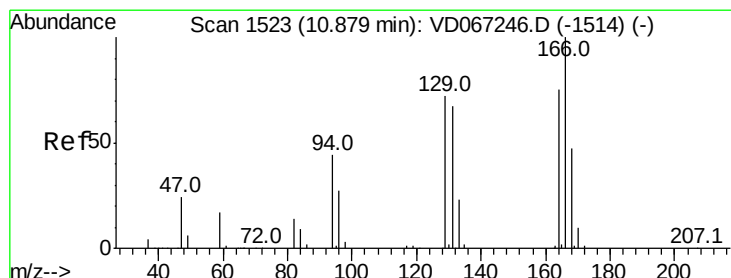
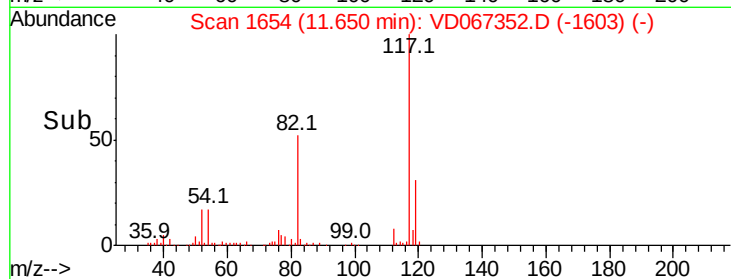
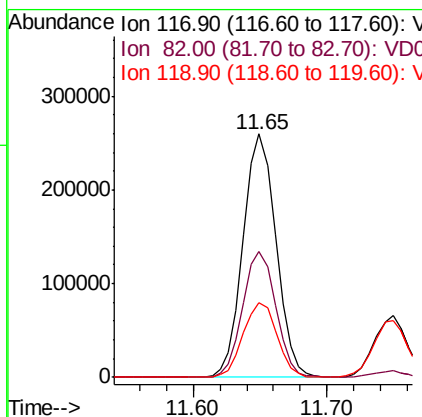
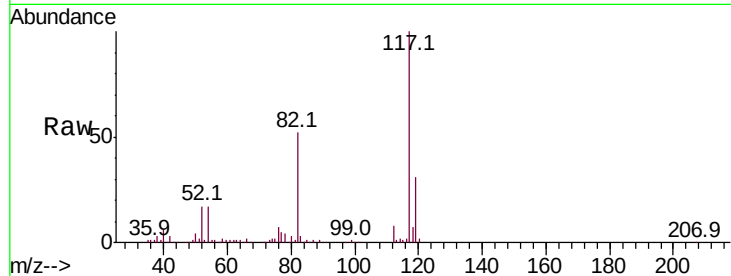




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

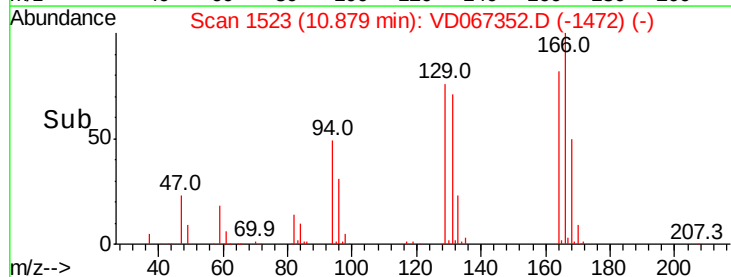
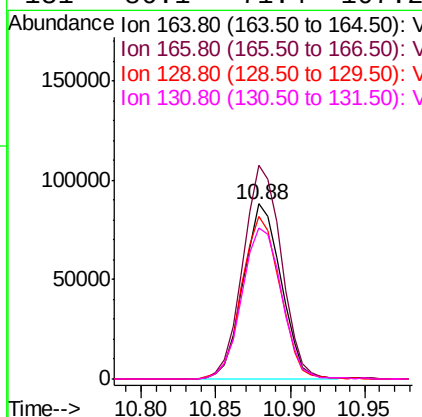
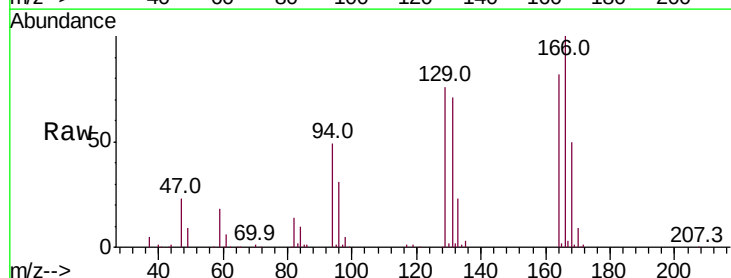
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

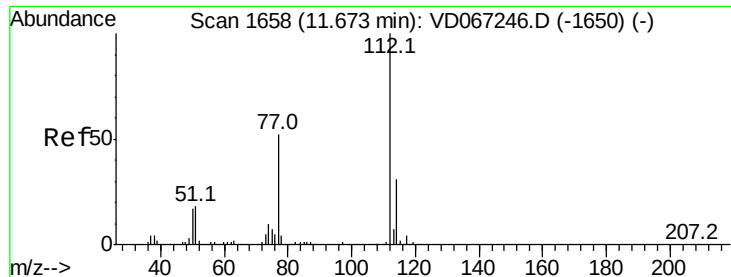
Tot Ion:117 Resp: 444326
Ion Ratio Lower Upper
117 100
82 51.8 39.9 59.9
119 30.8 24.9 37.3



#64
Tetrachloroethene
Concen: 48.151 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion:164 Resp: 155013
Ion Ratio Lower Upper
164 100
166 121.9 107.3 160.9
129 92.9 77.3 115.9
131 86.1 71.4 107.2

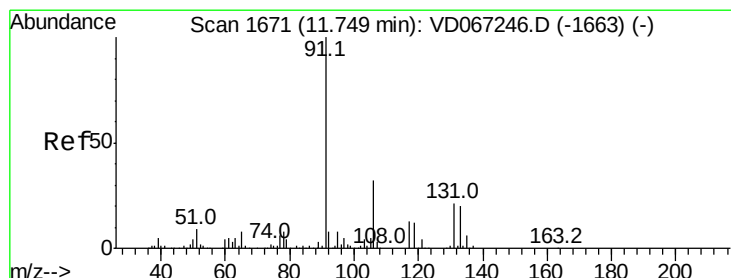
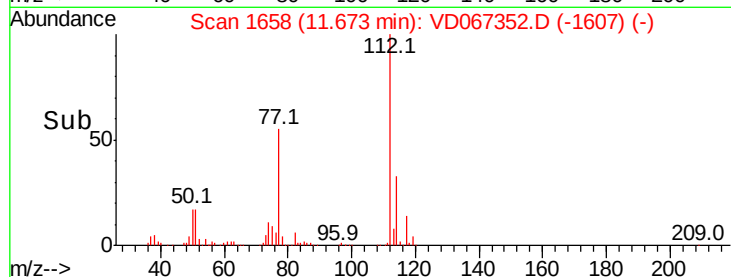
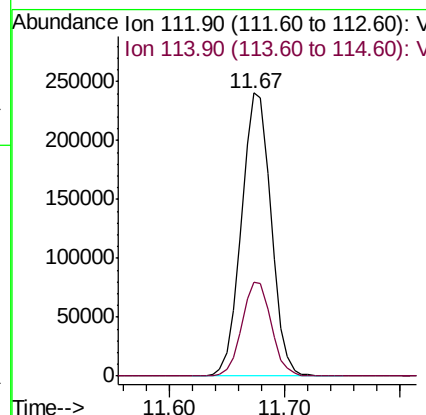
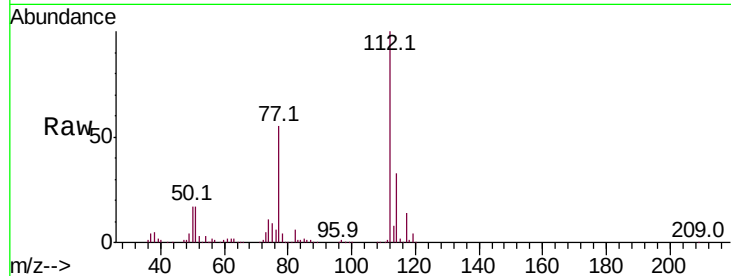




#65
Chlorobenzene
Concen: 50.187 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

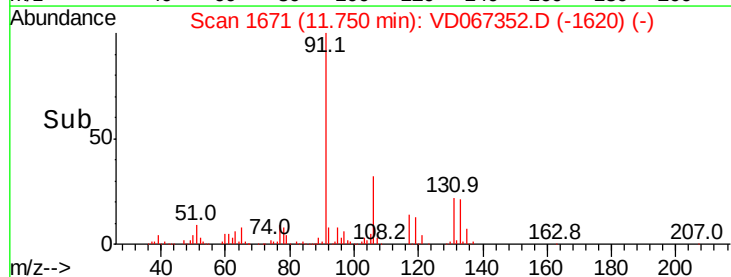
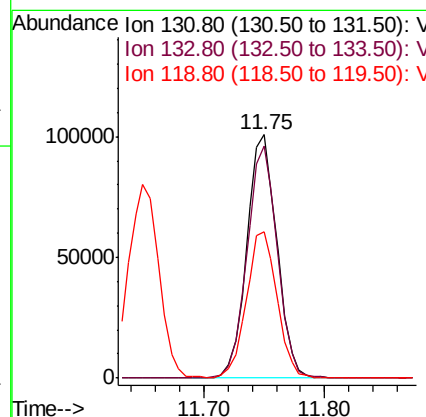
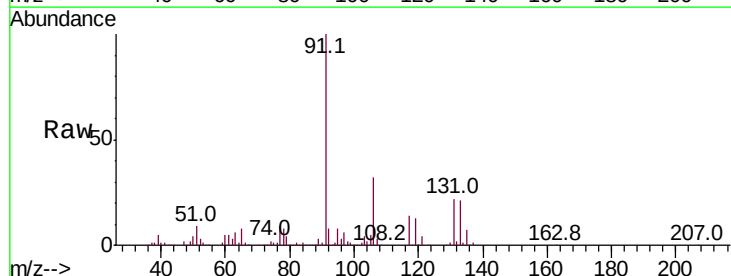
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

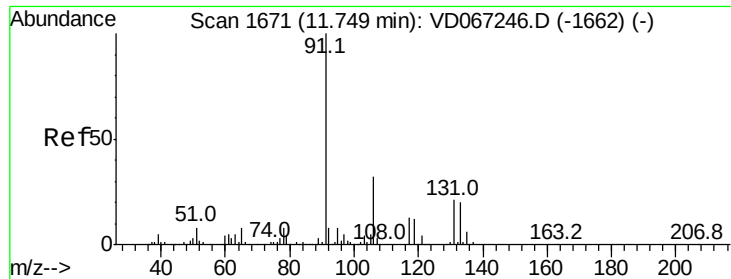
Tot Ion:112 Resp: 427619
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.771 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion:131 Resp: 175316
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 61.3 30.0 90.0





#67

Ethyl Benzene

Concen: 51.316 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

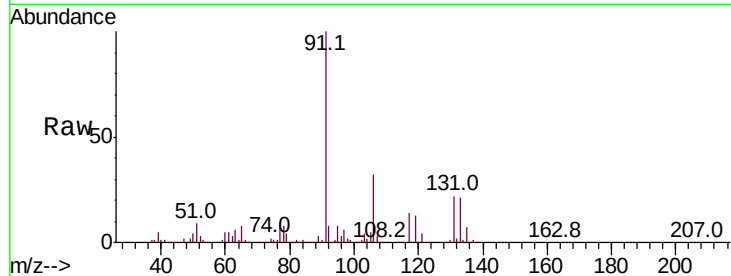
VSTDCCC050EC

Tot Ion: 91 Resp: 749503

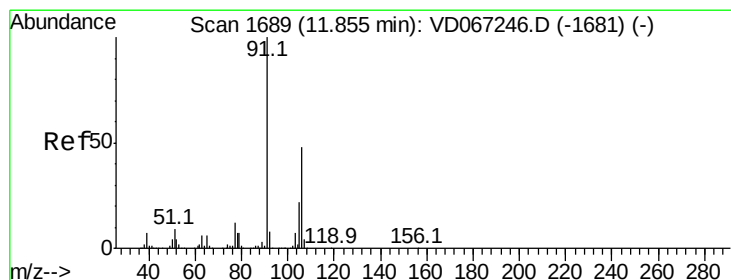
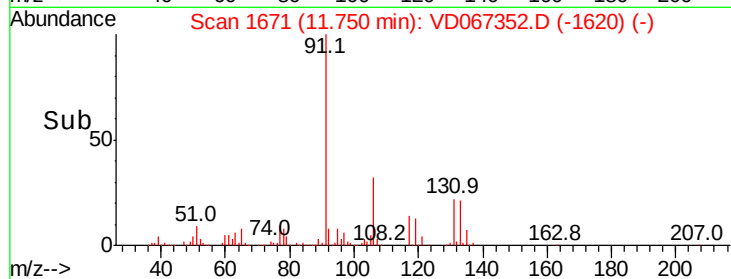
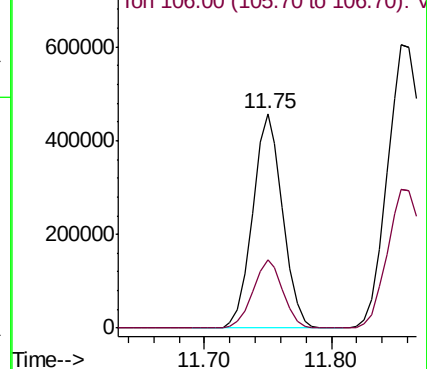
Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 102.379 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067352.D

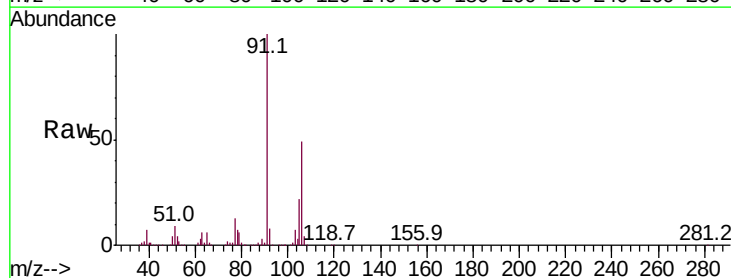
Acq: 21 Oct 2020 17:16

Tgt Ion: 106 Resp: 575821

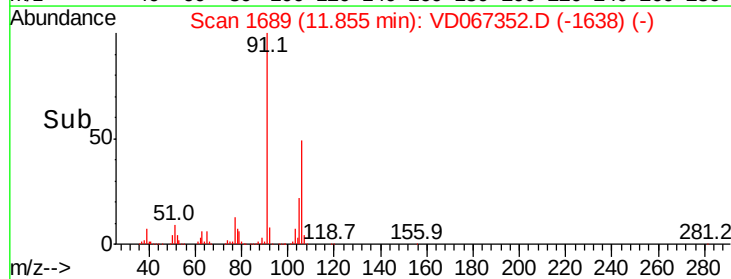
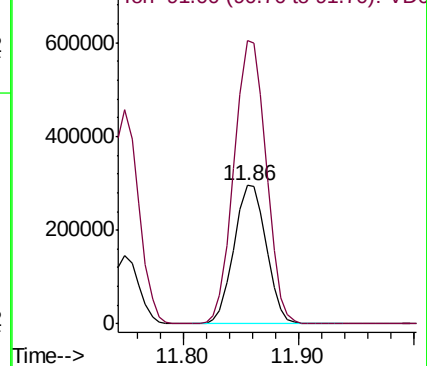
Ion Ratio Lower Upper

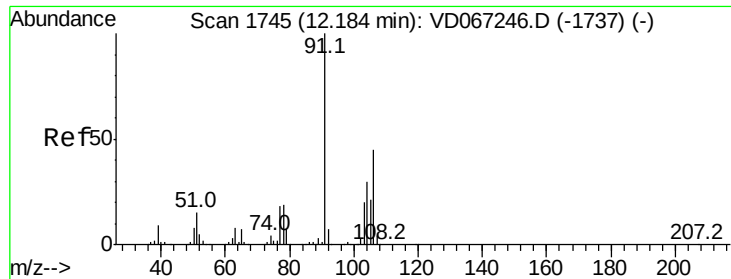
106 100

91 202.8 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VDC

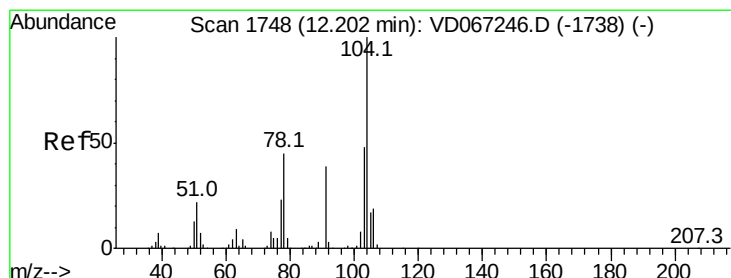
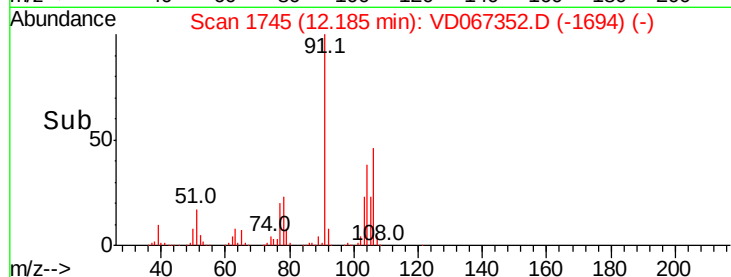
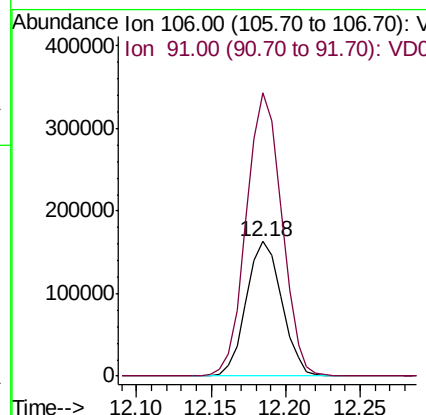
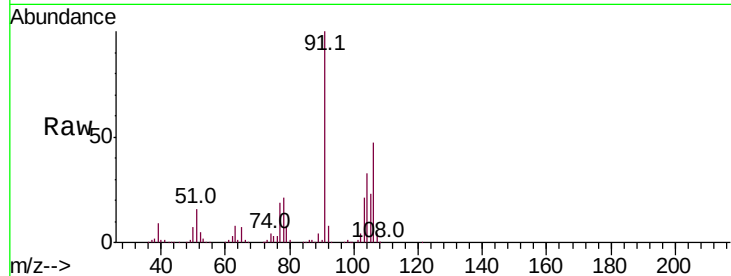




#69
o-Xylene
Concen: 51.724 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

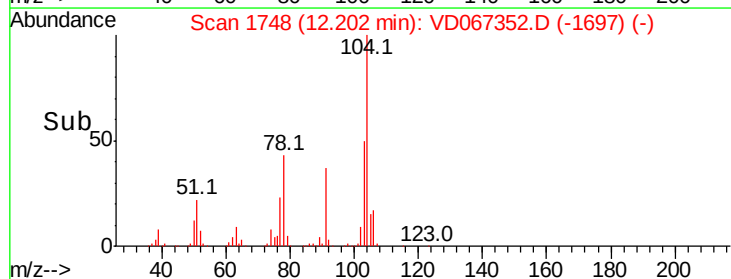
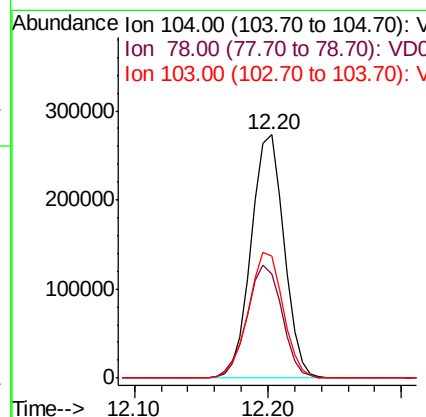
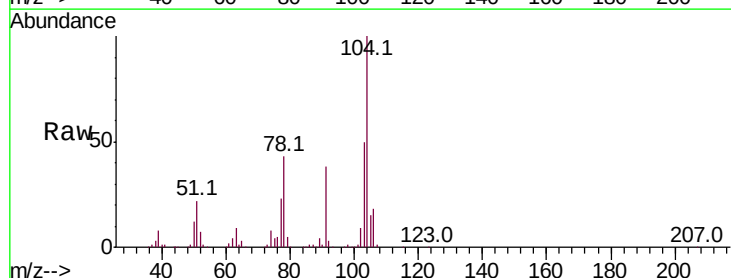
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

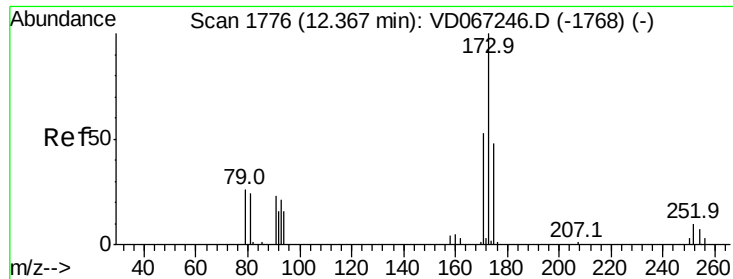
Tot Ion:106 Resp: 269389
Ion Ratio Lower Upper
106 100
91 210.0 109.1 327.3



#70
Styrene
Concen: 51.809 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion:104 Resp: 464505
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.6
103 54.4 42.6 64.0





#71

Bromoform

Concen: 51.482 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

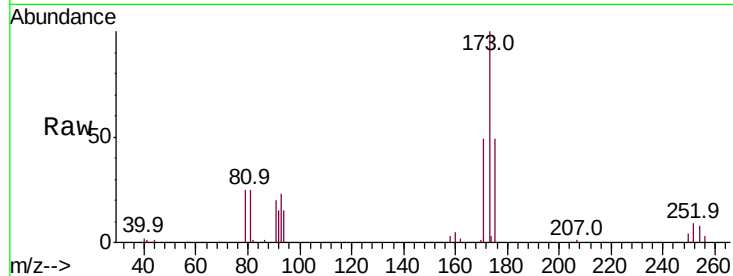
Tot Ion:173 Resp: 93659

Ion Ratio Lower Upper

173 100

175 50.4 24.2 72.6

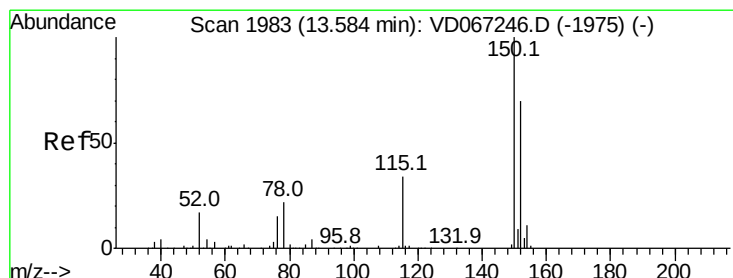
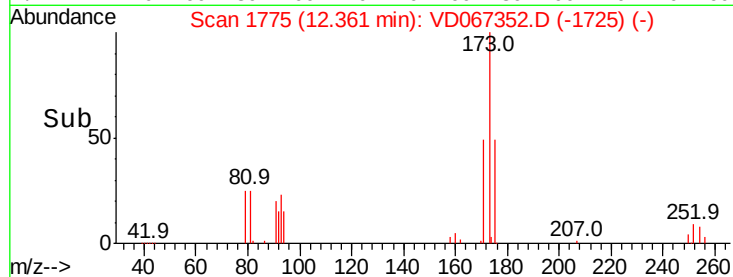
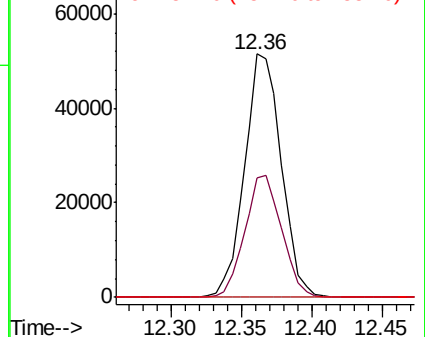
254 0.0 0.1 0.1#



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: VD067352.D

Acq: 21 Oct 2020 17:16

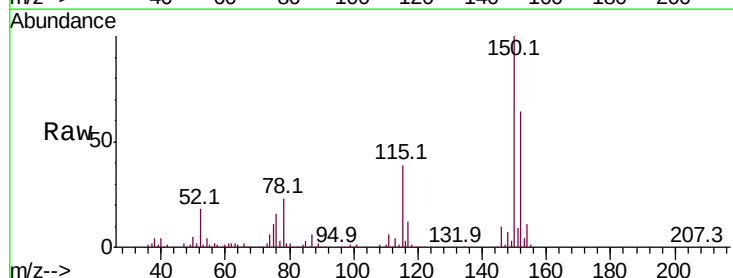
Tgt Ion:152 Resp: 227111

Ion Ratio Lower Upper

152 100

115 60.3 29.3 87.9

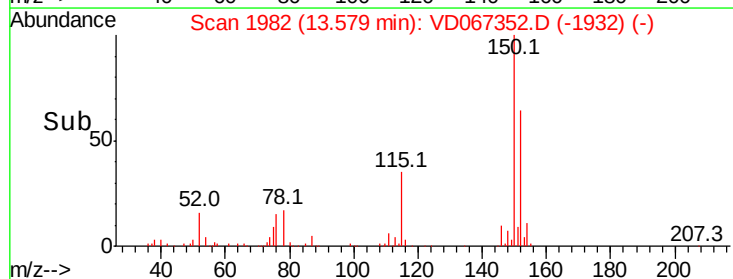
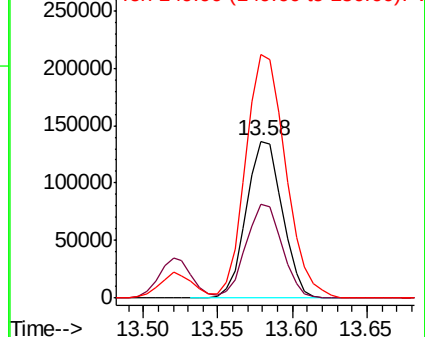
150 172.6 0.0 339.0

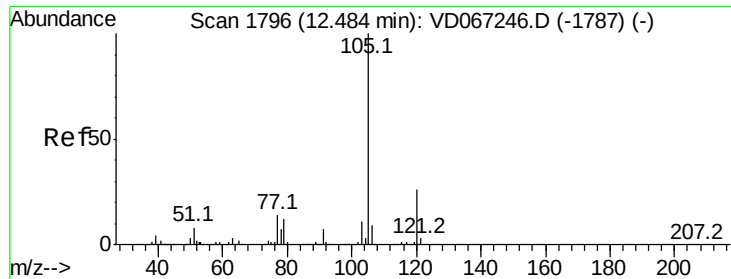


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.178 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

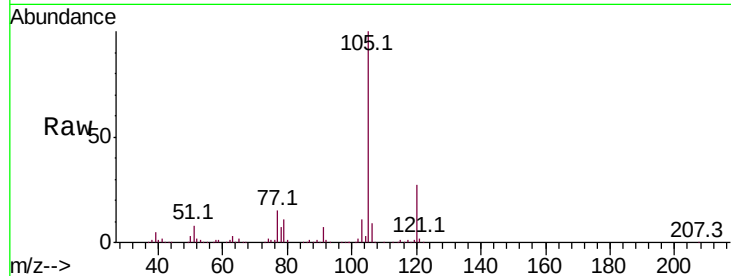
VSTDCCC050EC

Tot Ion:105 Resp: 752096

Ion Ratio Lower Upper

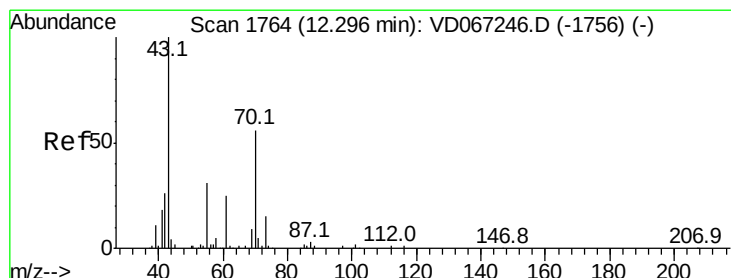
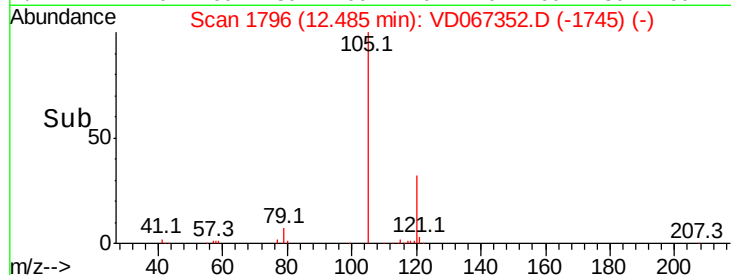
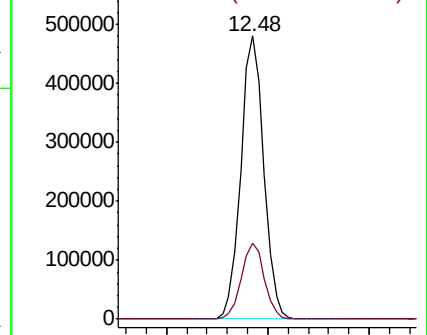
105 100

120 26.8 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: 53.670 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Tgt Ion: 43 Resp: 116838

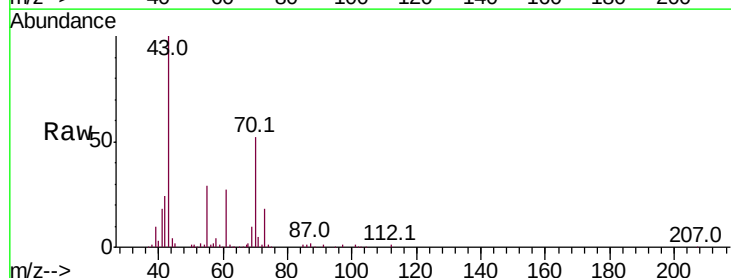
Ion Ratio Lower Upper

43 100

70 51.4 42.7 64.1

55 29.7 24.0 36.0

61 27.2 22.2 33.4

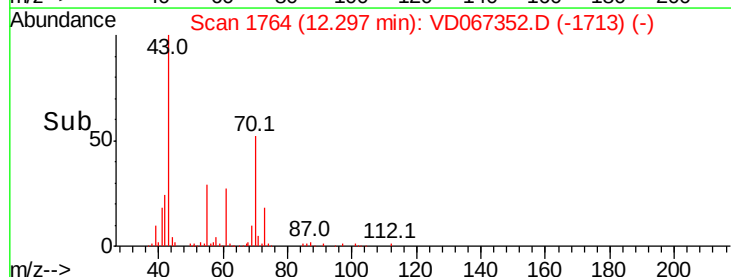
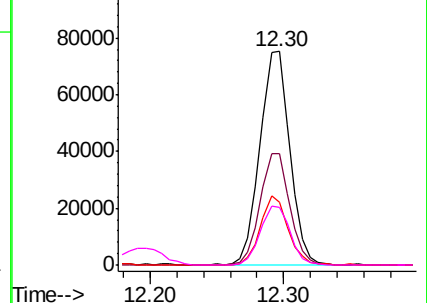


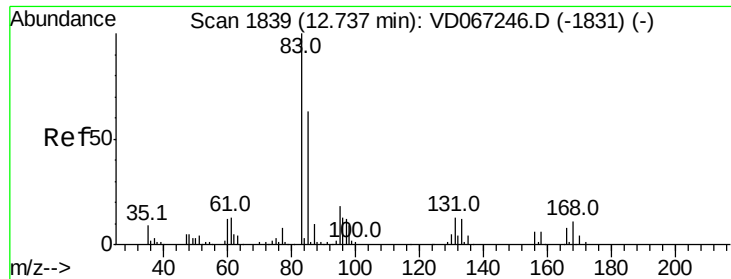
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 51.884 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

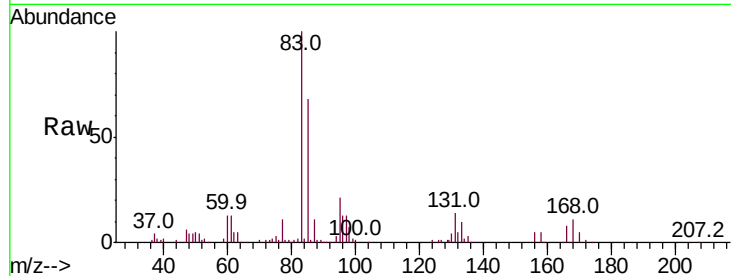
Tot Ion: 83 Resp: 114588

Ion Ratio Lower Upper

83 100

131 13.5 6.5 19.5

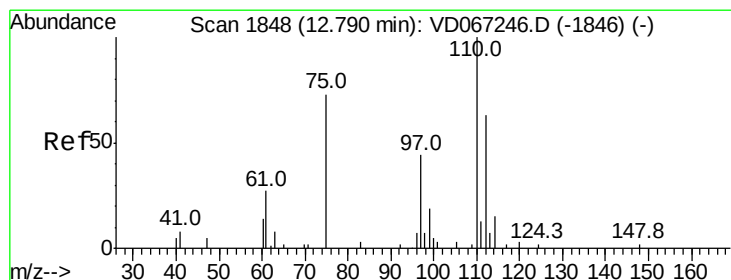
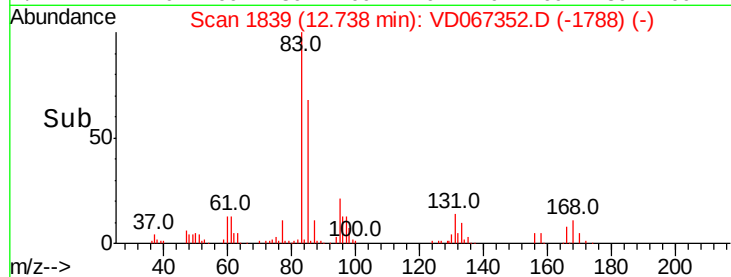
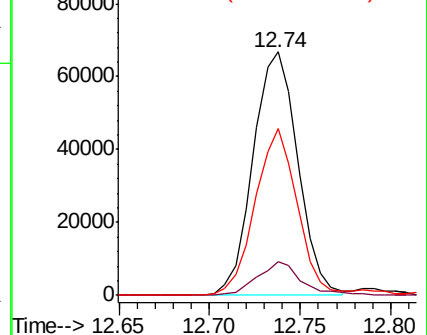
85 64.1 32.6 97.7



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: 98.074 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067352.D

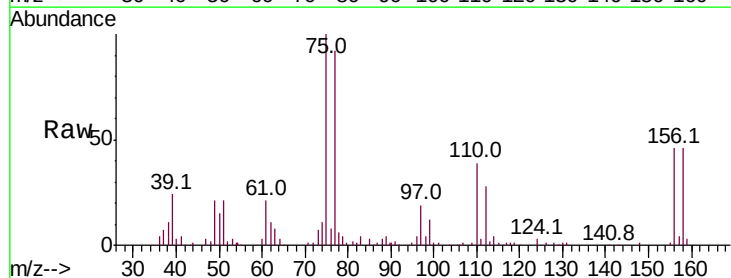
Acq: 21 Oct 2020 17:16

Tgt Ion: 75 Resp: 154377

Ion Ratio Lower Upper

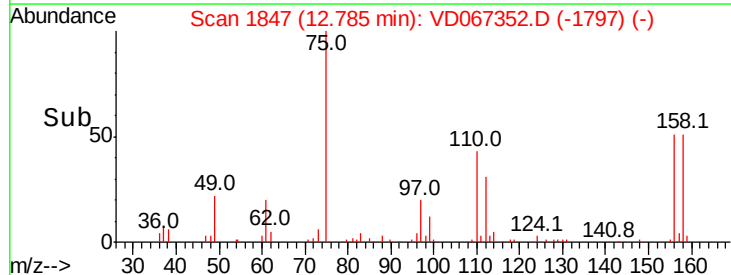
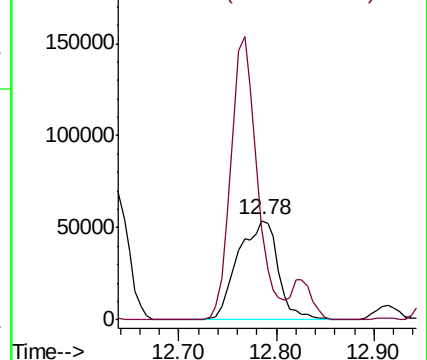
75 100

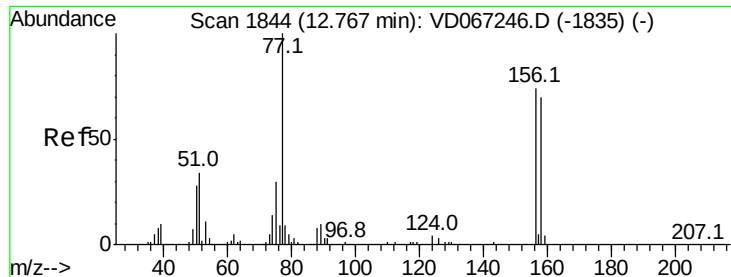
77 187.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.704 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

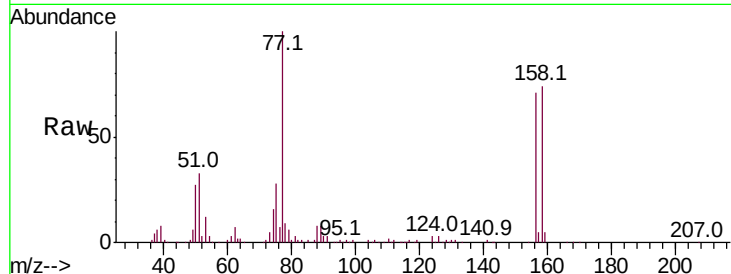
Tot Ion:156 Resp: 178612

Ion Ratio Lower Upper

156 100

77 161.9 78.0 233.8

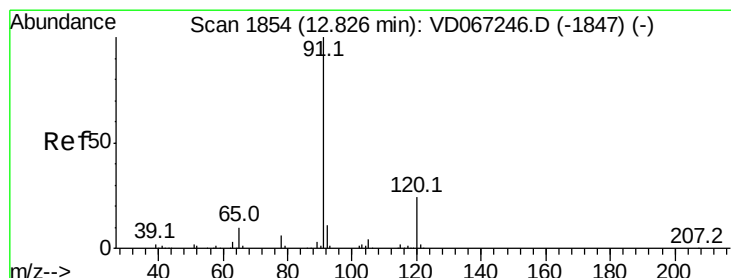
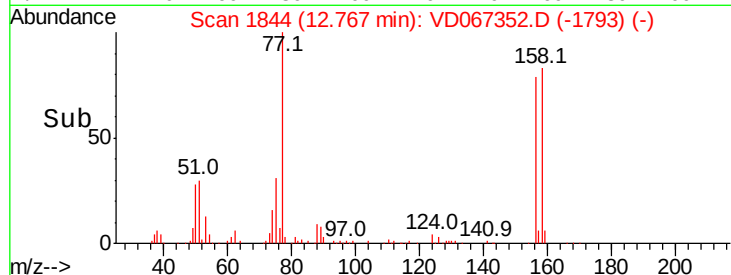
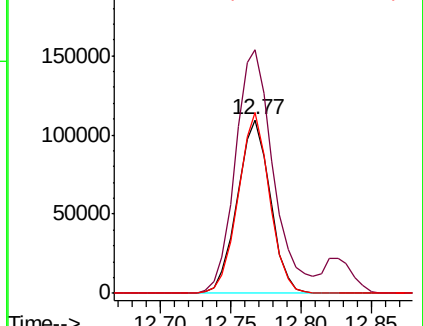
158 99.1 49.1 147.3



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: 50.966 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067352.D

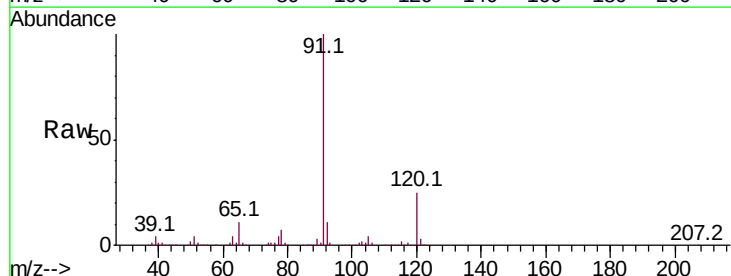
Acq: 21 Oct 2020 17:16

Tgt Ion: 91 Resp: 851148

Ion Ratio Lower Upper

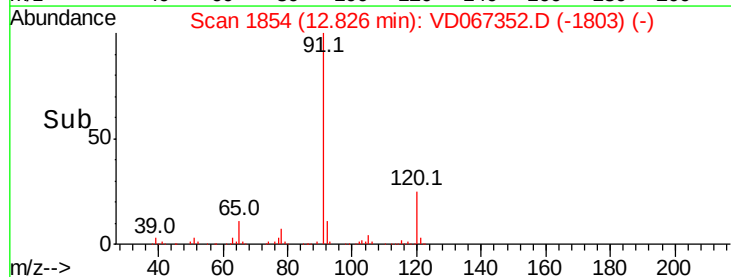
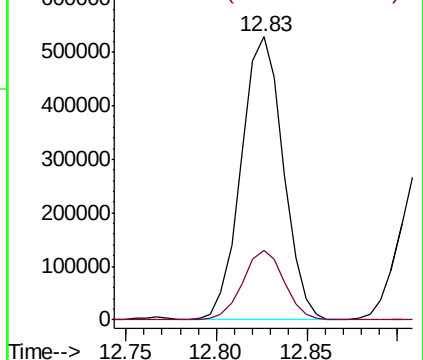
91 100

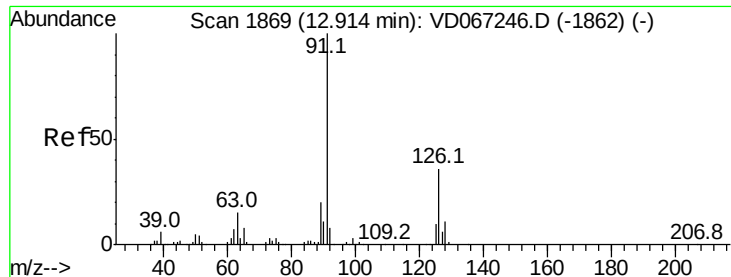
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.762 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

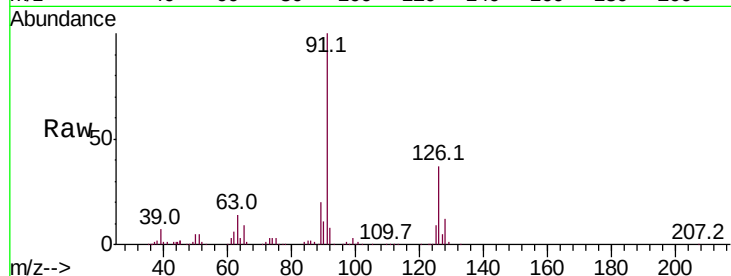
VSTDCCC050EC

Tot Ion: 91 Resp: 481938

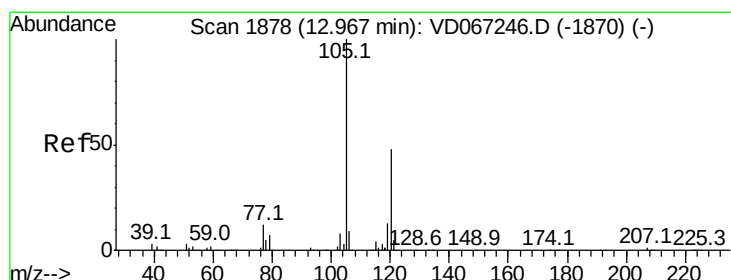
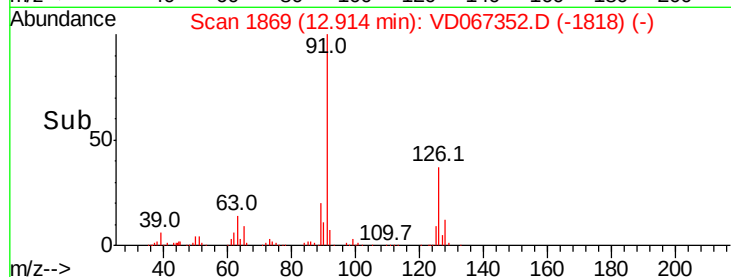
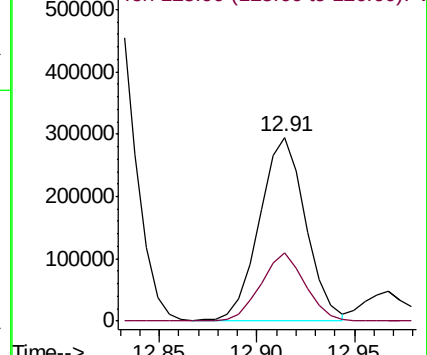
Ion Ratio Lower Upper

91 100

126 36.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 51.433 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067352.D

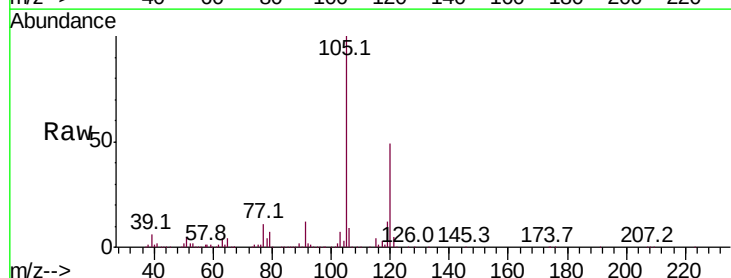
Acq: 21 Oct 2020 17:16

Tgt Ion: 105 Resp: 644238

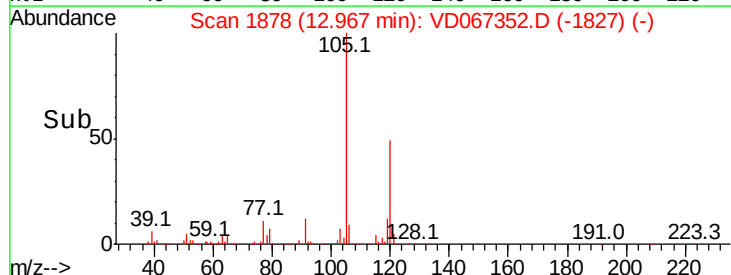
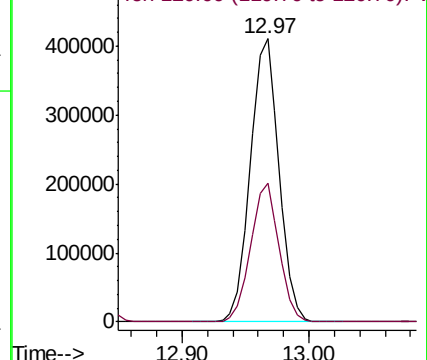
Ion Ratio Lower Upper

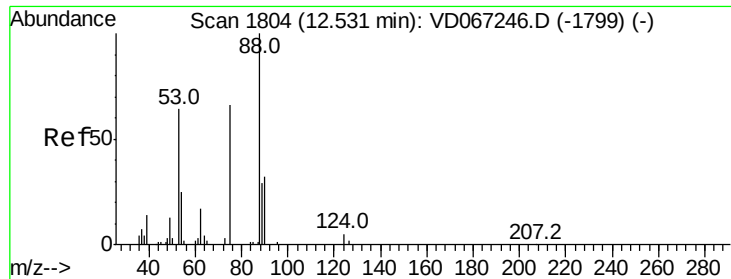
105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

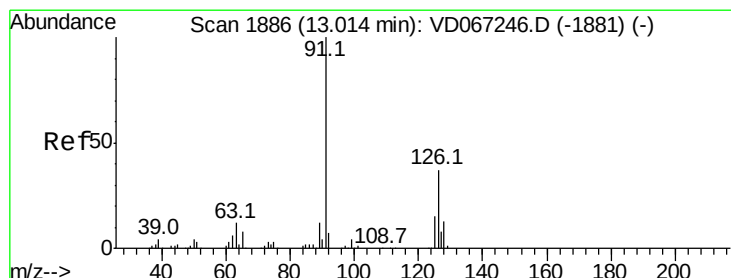
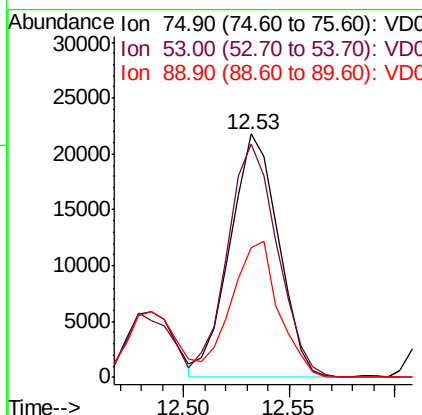
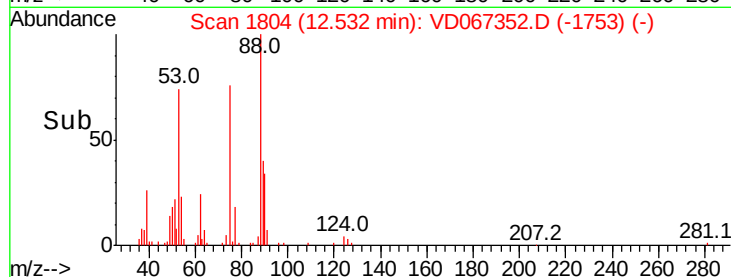
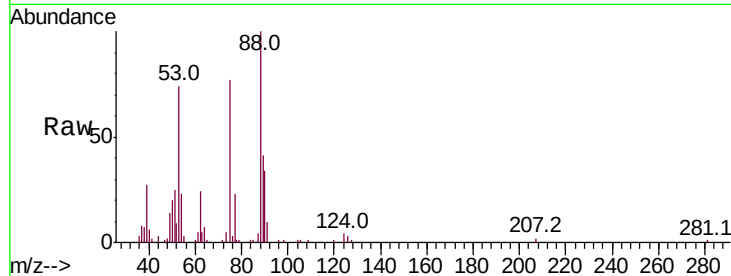




#81
trans-1,4-Dichloro-2-butene
Concen: 50.025 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

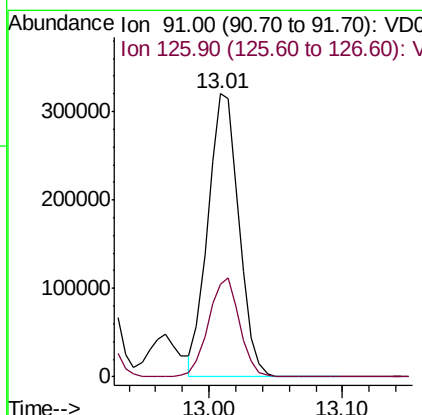
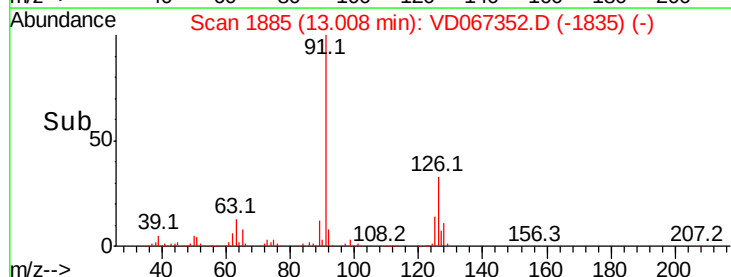
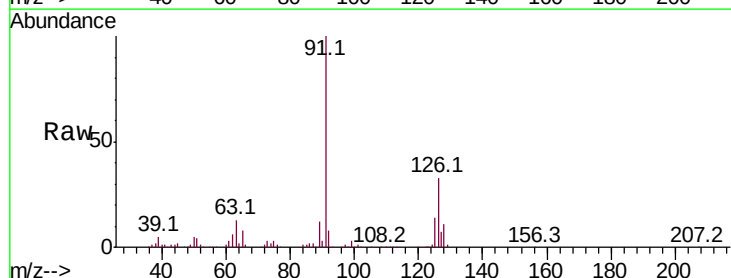
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

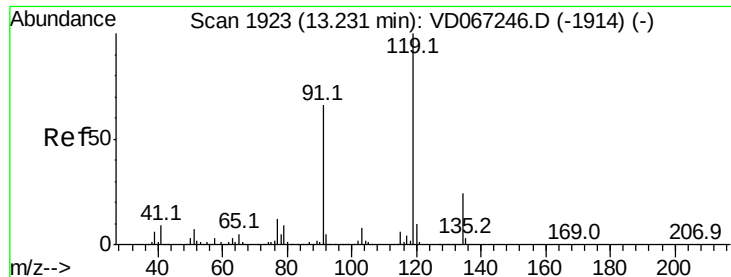
Tot Ion: 75 Resp: 34724
Ion Ratio Lower Upper
75 100
53 99.0 78.5 117.7
89 54.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 50.612 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 91 Resp: 520250
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.5





#83

tert-Butylbenzene

Concen: 51.777 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

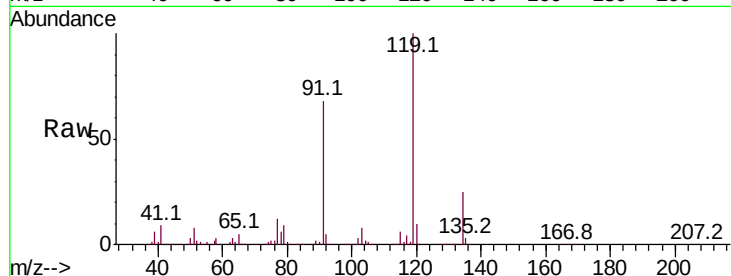
Tot Ion:119 Resp: 547826

Ion Ratio Lower Upper

119 100

91 65.5 33.1 99.2

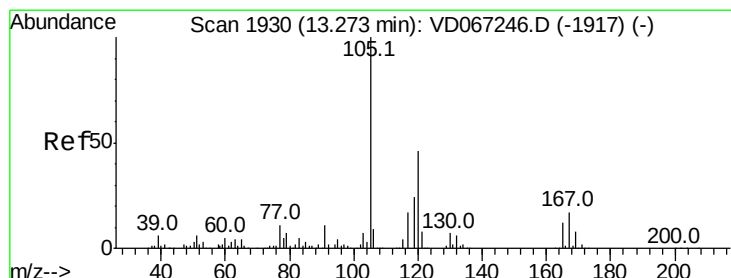
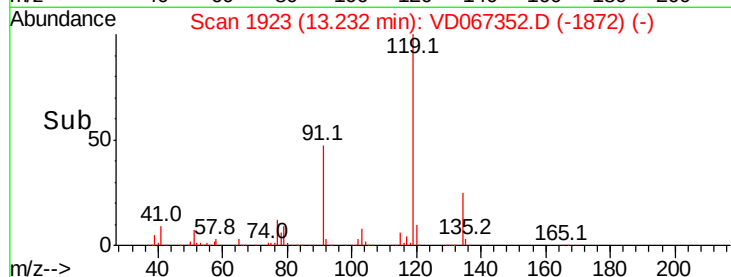
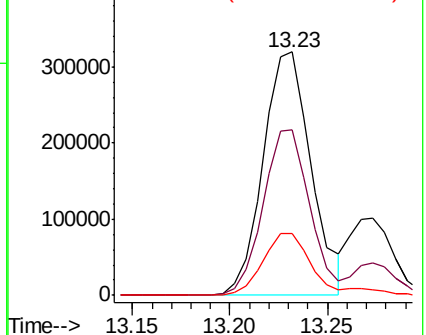
134 26.9 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.888 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067352.D

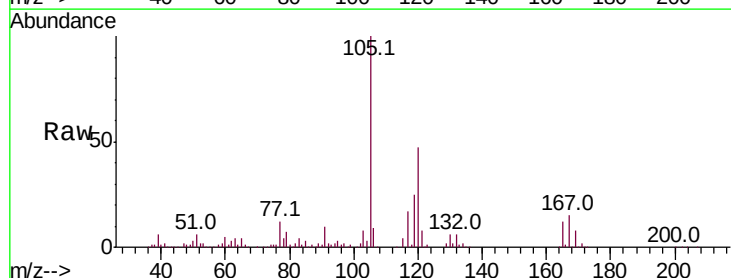
Acq: 21 Oct 2020 17:16

Tgt Ion:105 Resp: 642380

Ion Ratio Lower Upper

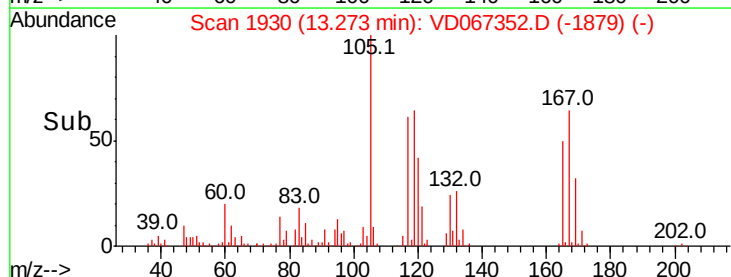
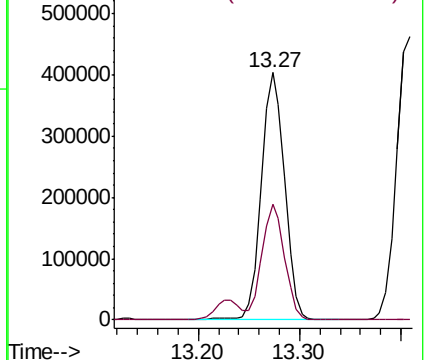
105 100

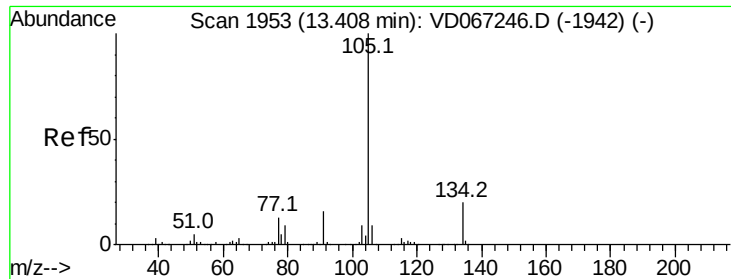
120 44.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.610 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

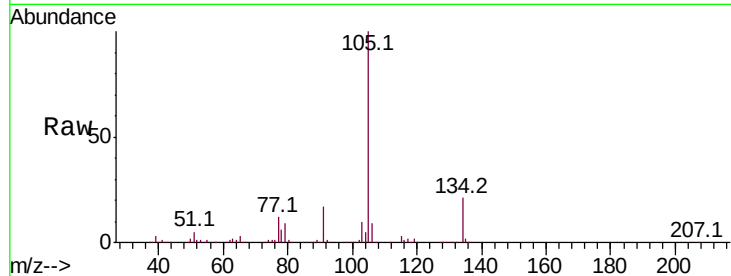
VSTDCCC050EC

Tot Ion:105 Resp: 734768

Ion Ratio Lower Upper

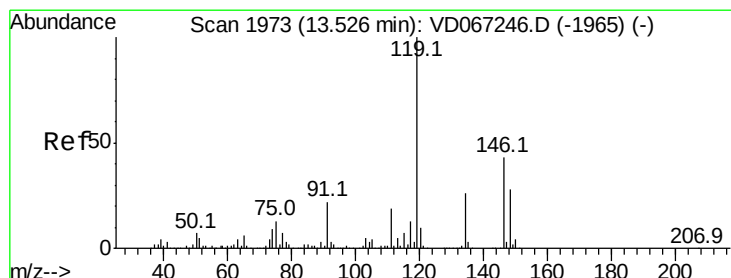
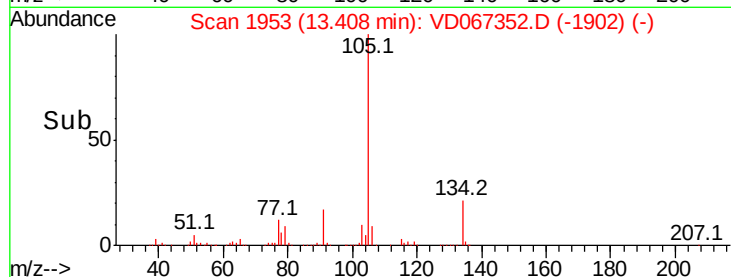
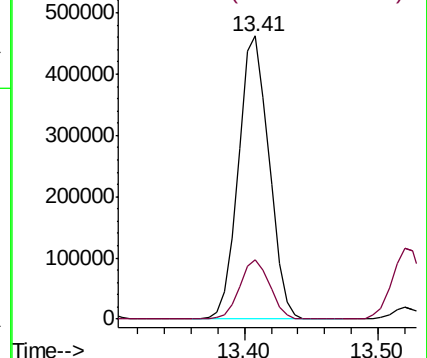
105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.539 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067352.D

Acq: 21 Oct 2020 17:16

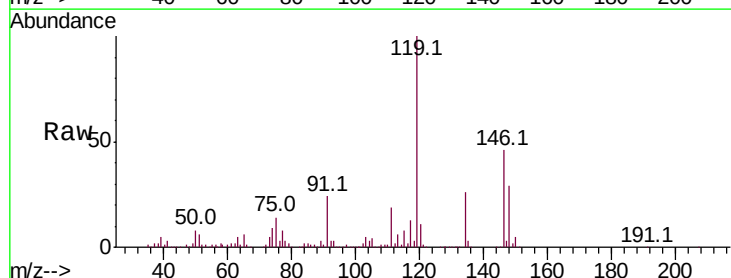
Tgt Ion:119 Resp: 692545

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

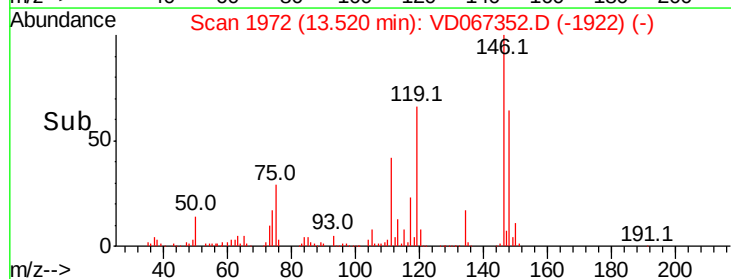
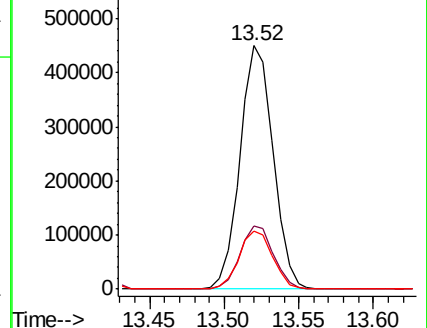
91 24.2 11.9 35.9

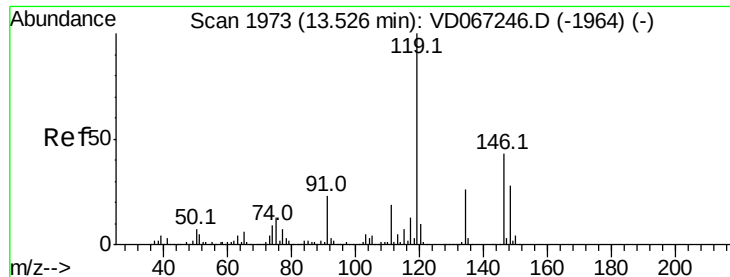


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

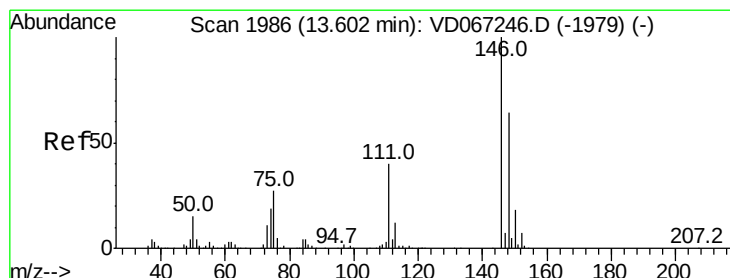
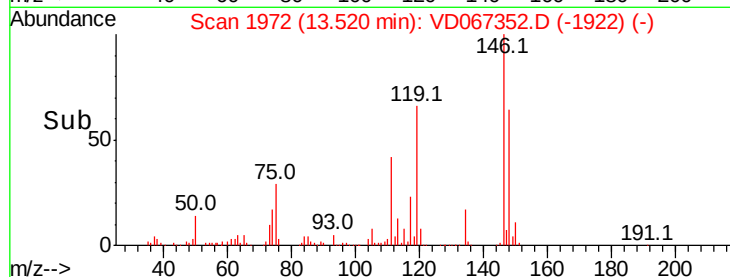
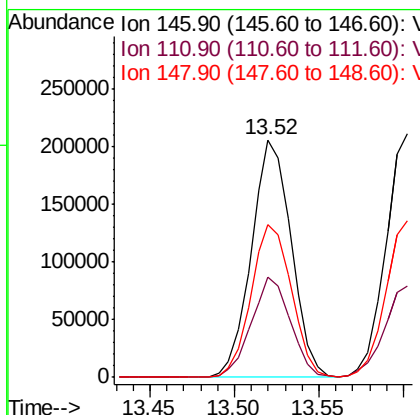
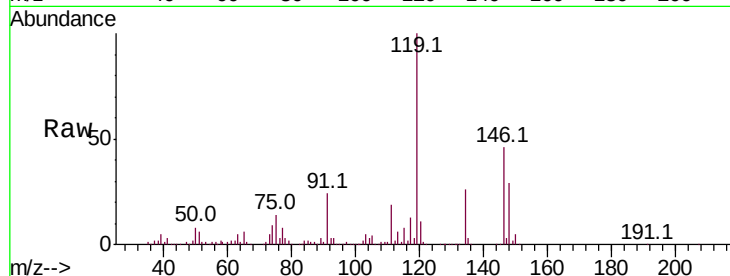




#87
 1,3-Dichlorobenzene
 Concen: 48.877 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

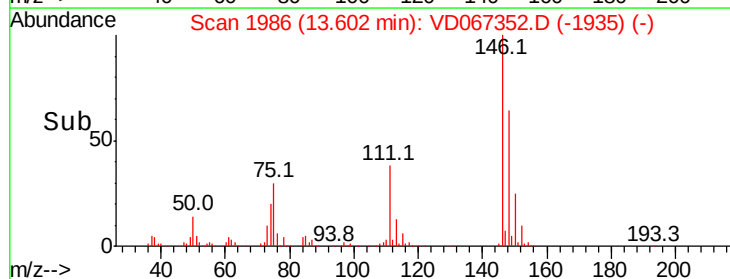
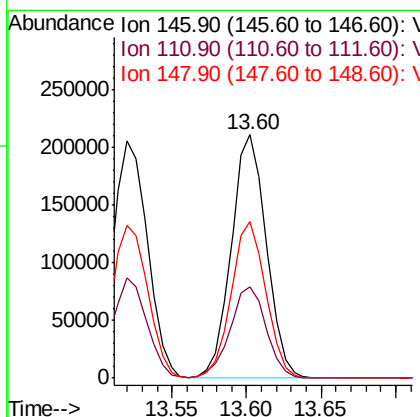
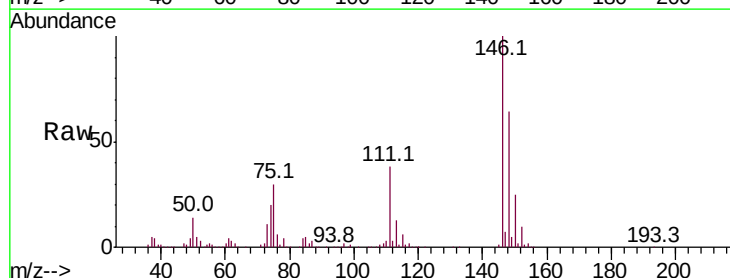
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

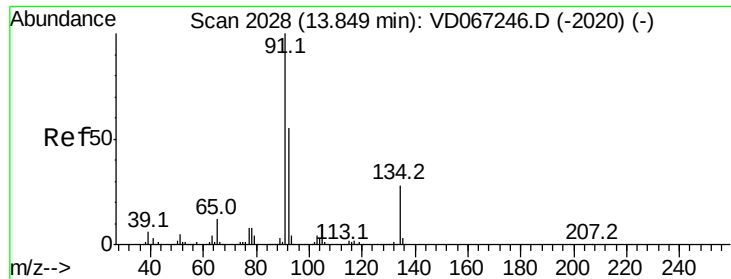
Tot Ion:146 Resp: 338071
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.3
 148 65.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.632 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion:146 Resp: 346972
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.7
 148 63.5 31.9 95.9

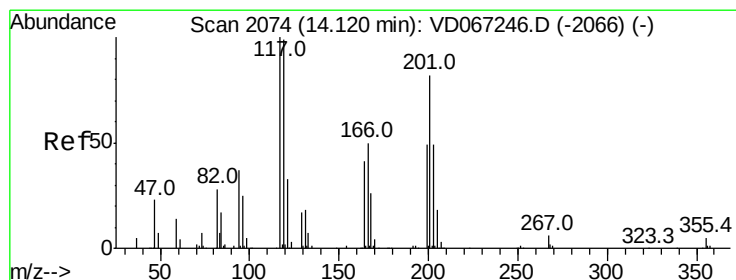
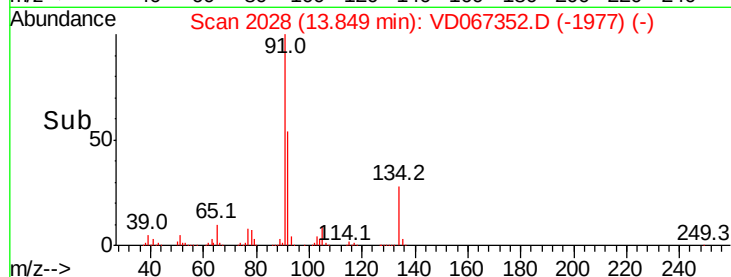
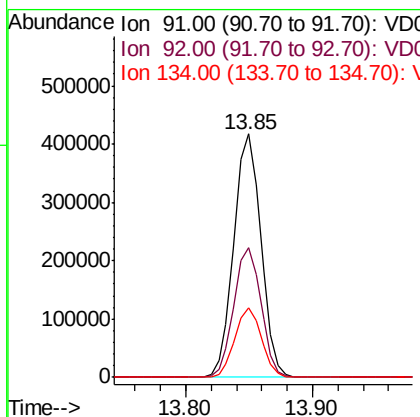
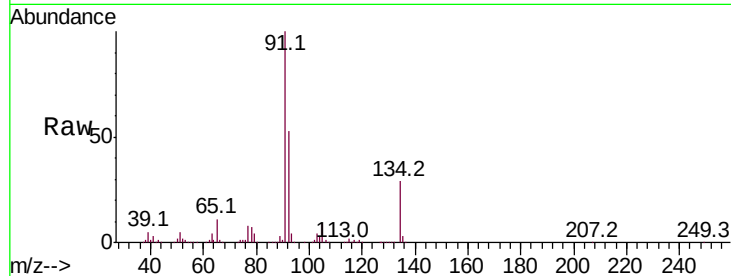




#89
n-Butylbenzene
Concen: 51.225 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

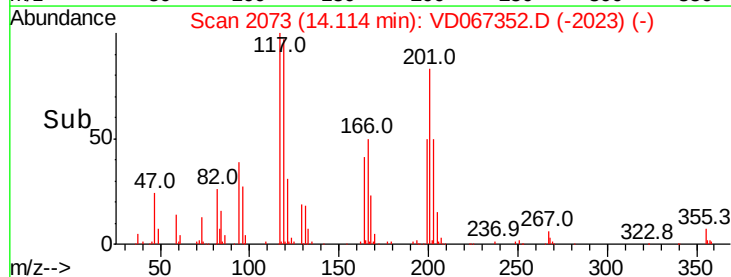
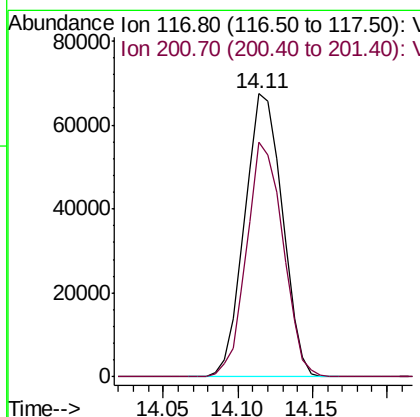
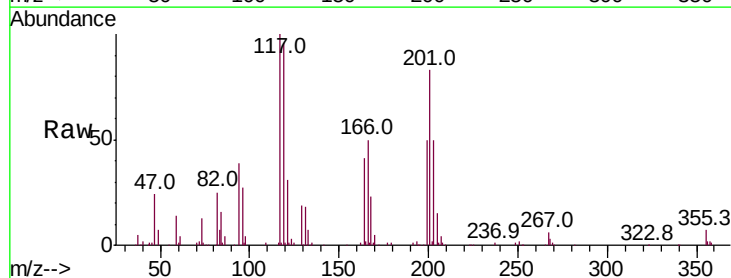
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

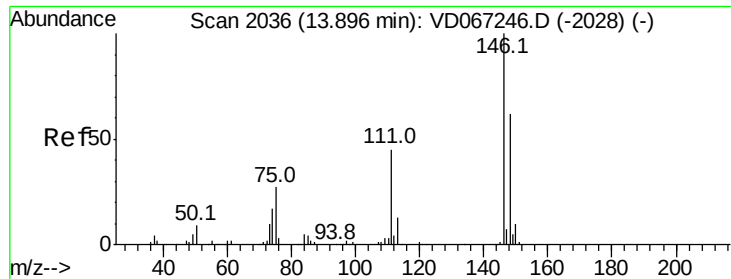
Tot Ion: 91 Resp: 617540
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 28.1 14.2 42.6



#90
Hexachloroethane
Concen: 49.476 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion: 117 Resp: 118312
Ion Ratio Lower Upper
117 100
201 79.8 40.8 122.2

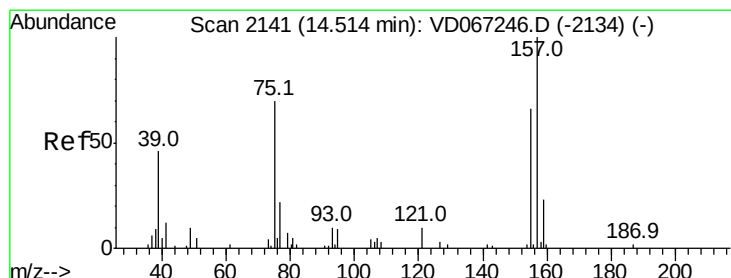
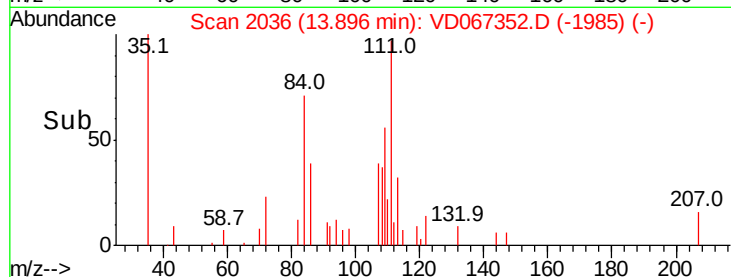
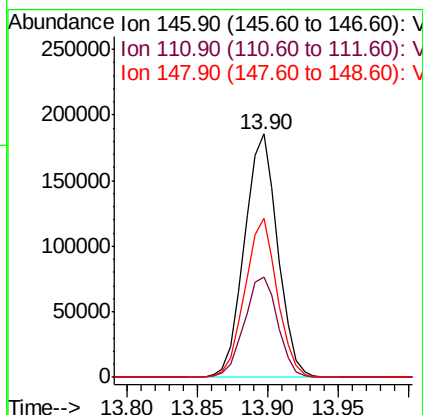
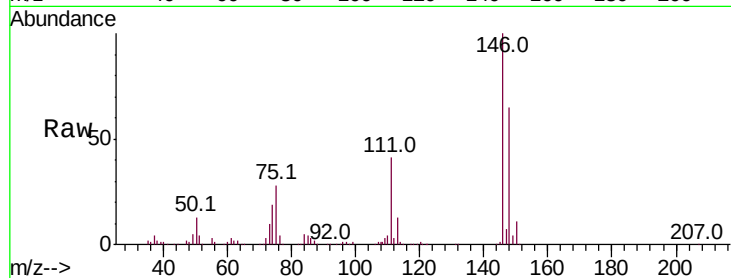




#91
 1,2-Dichlorobenzene
 Concen: 50.547 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

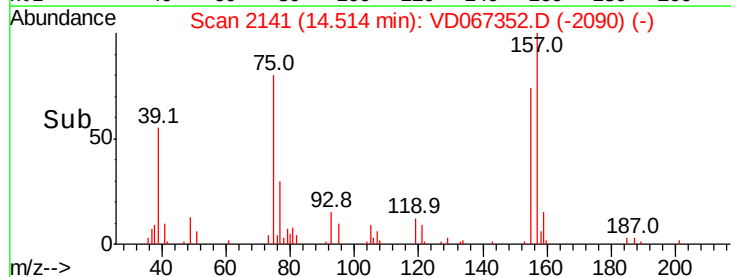
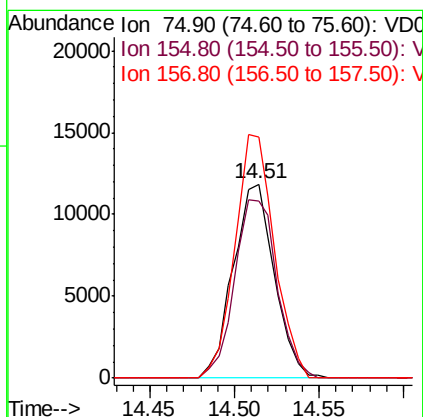
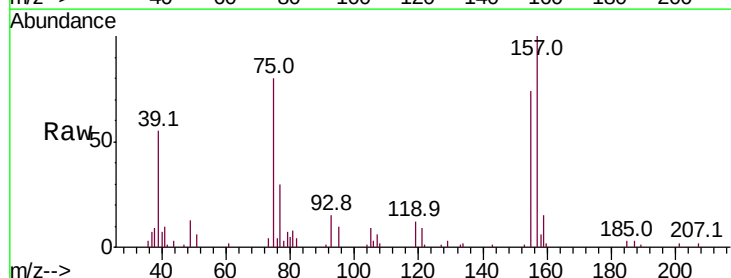
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

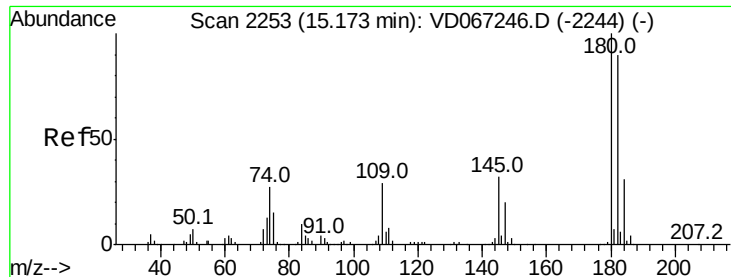
Tot Ion:146 Resp: 305427
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.0 66.0
 148 63.6 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.944 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion: 75 Resp: 20039
 Ion Ratio Lower Upper
 75 100
 155 94.9 44.8 134.4
 157 120.7 62.5 187.4

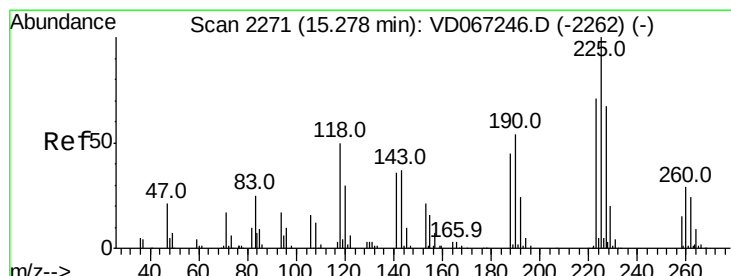
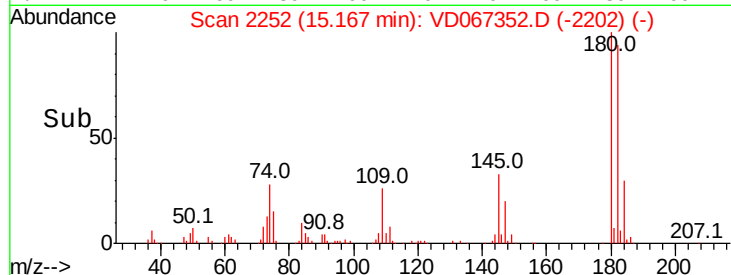
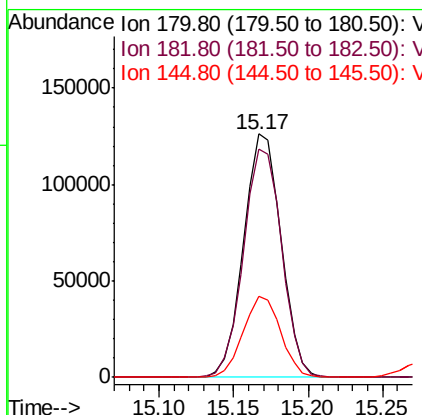
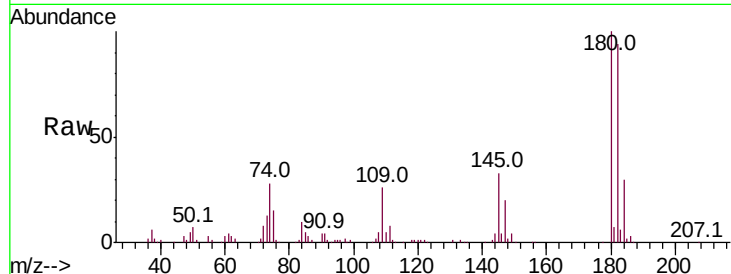




#93
 1,2,4-Trichlorobenzene
 Concen: 53.944 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

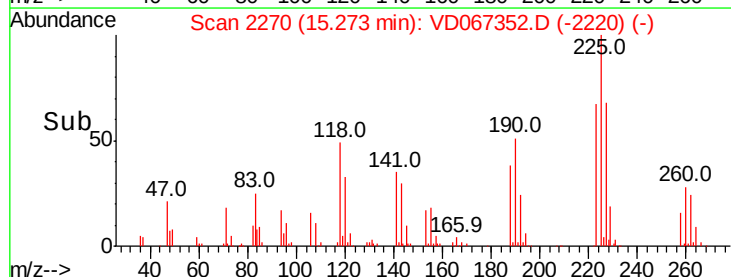
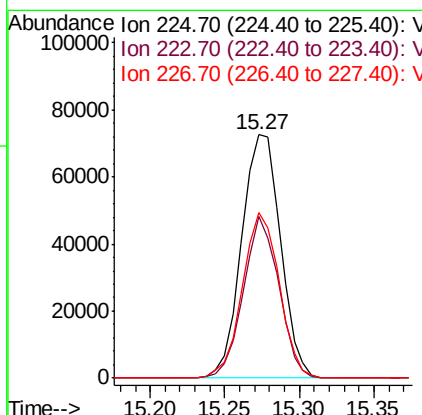
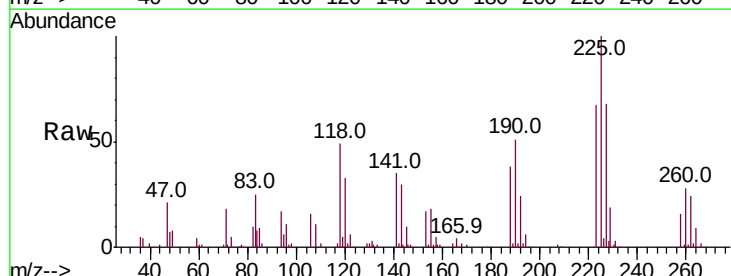
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

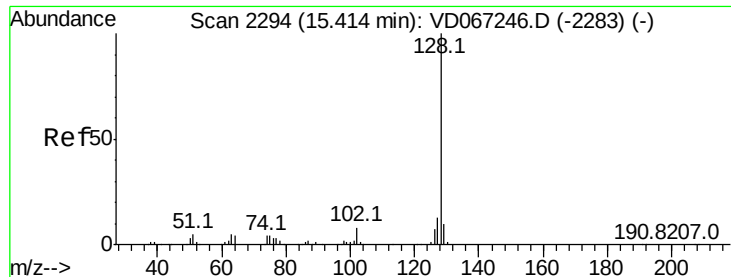
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.4
145	33.2	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 51.777 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067352.D
 Acq: 21 Oct 2020 17:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.9	95.7
227	64.4	31.2	93.6

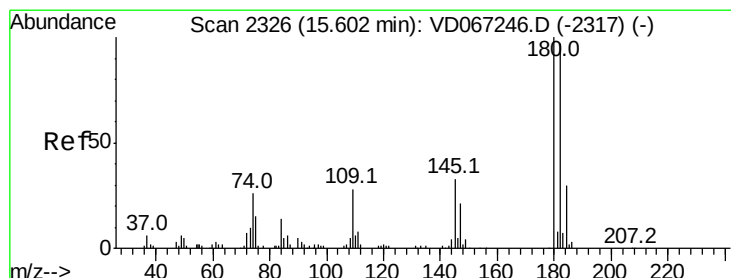
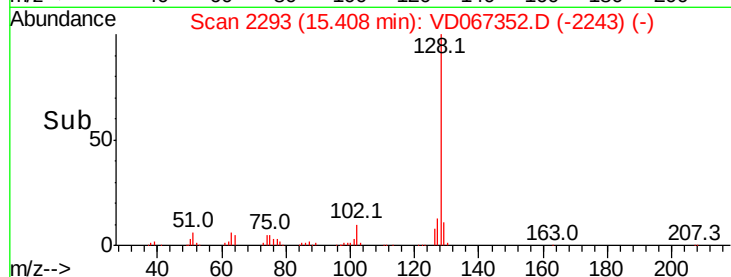
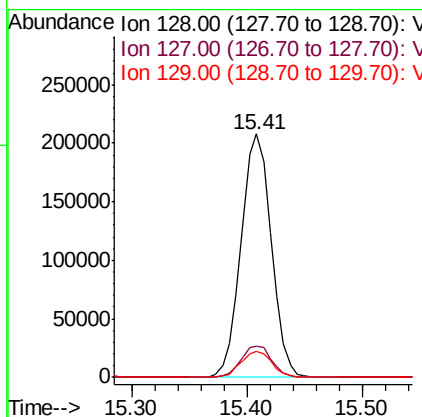
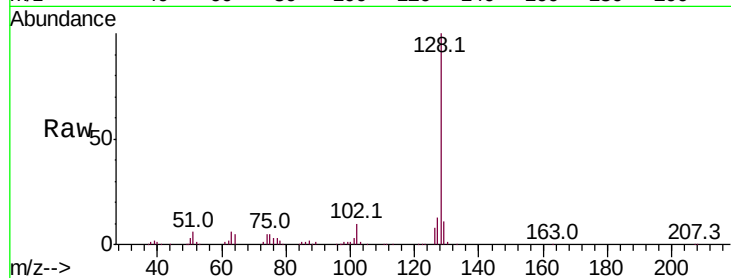




#95
Naphthalene
Concen: 56.452 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 377591
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.381 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067352.D
Acq: 21 Oct 2020 17:16

Tgt Ion:180 Resp: 191397
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.3
145 33.0 17.3 51.9

