

Data File : VD067759.D
Acq On : 24 Nov 2020 10:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Nov 25 02:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	292732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	399721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	358717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	182544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	133636	46.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.90%
35) Dibromofluoromethane	7.92	113	126049	49.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.10%
50) Toluene-d8	10.34	98	473217	50.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.76%
62) 4-Bromofluorobenzene	12.64	95	154925	48.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.48%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121205	47.579	ug/l	96
3) Chloromethane	2.21	50	65780	46.382	ug/l	100
4) Vinyl Chloride	2.35	62	83971	47.251	ug/l	94
5) Bromomethane	2.77	94	70392	46.491	ug/l	94
6) Chloroethane	2.93	64	53667	45.311	ug/l	97
7) Trichlorofluoromethane	3.28	101	248552	45.833	ug/l	98
8) Diethyl Ether	3.70	74	46205	42.200	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	116583	44.894	ug/l	99
10) Methyl Iodide	4.30	142	129029	48.543	ug/l	99
11) Tert butyl alcohol	5.21	59	33406	217.989	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	103947	43.259	ug/l	94
13) Acrolein	3.92	56	24339	206.305	ug/l	91
14) Allyl chloride	4.72	41	104735	45.090	ug/l	98
15) Acrylonitrile	5.42	53	80273	210.500	ug/l	95
16) Acetone	4.15	43	96585	262.672	ug/l	97
17) Carbon Disulfide	4.41	76	311279	44.789	ug/l	99
18) Methyl Acetate	4.71	43	30779	41.607	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	222230	43.274	ug/l	97
20) Methylene Chloride	4.96	84	115890	40.228	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	123509	45.210	ug/l	98
22) Diisopropyl ether	6.37	45	202983	44.270	ug/l	95
23) Vinyl Acetate	6.31	43	597393	230.975	ug/l	95
24) 1,1-Dichloroethane	6.27	63	177138	45.568	ug/l	99
25) 2-Butanone	7.21	43	93063	225.544	ug/l	89
26) 2,2-Dichloropropane	7.21	77	206334	44.992	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	129317	44.410	ug/l	99
28) Bromochloromethane	7.55	49	59691	47.937	ug/l	99
29) Tetrahydrofuran	7.56	42	51672	220.258	ug/l	96
30) Chloroform	7.71	83	219762	43.232	ug/l	100
31) Cyclohexane	7.99	56	144075	41.835	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	235008	43.653	ug/l	98
36) 1,1-Dichloropropene	8.12	75	167248	48.760	ug/l	99
37) Ethyl Acetate	7.29	43	40421	43.826	ug/l	98
38) Carbon Tetrachloride	8.10	117	232174	46.696	ug/l	96

Data File : VD067759.D
Acq On : 24 Nov 2020 10:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Nov 25 02:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	196471	48.401	ug/l	96
40) Benzene	8.36	78	434843	46.159	ug/l	97
41) Methacrylonitrile	7.56	41	57203	121.458	ug/l #	25
42) 1,2-Dichloroethane	8.43	62	145223	45.433	ug/l	99
43) Isopropyl Acetate	8.46	43	84402	45.824	ug/l	99
44) Trichloroethene	9.11	130	144703	46.346	ug/l	99
45) 1,2-Dichloropropane	9.39	63	87478	45.255	ug/l	94
46) Dibromomethane	9.48	93	60355	45.862	ug/l	97
47) Bromodichloromethane	9.67	83	168956	46.104	ug/l	93
48) Methyl methacrylate	9.46	41	40553	44.039	ug/l	98
49) 1,4-Dioxane	9.46	88	12807	897.988	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	200412	231.234	ug/l	99
52) Toluene	10.41	92	303229	47.448	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	147430	46.048	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	171598	47.359	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	77672	43.988	ug/l	96
56) Ethyl methacrylate	10.67	69	83745	45.809	ug/l	97
57) 1,3-Dichloropropane	10.95	76	129159	46.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	228443	267.438	ug/l	100
59) 2-Hexanone	10.98	43	152043	248.468	ug/l	97
60) Dibromochloromethane	11.14	129	121481	45.148	ug/l	99
61) 1,2-Dibromoethane	11.25	107	79670	45.792	ug/l	99
64) Tetrachloroethene	10.88	164	124575	44.744	ug/l #	81
65) Chlorobenzene	11.67	112	329713	46.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	137582	48.242	ug/l	96
67) Ethyl Benzene	11.75	91	579946	47.648	ug/l	99
68) m/p-Xylenes	11.86	106	456043	96.283	ug/l	100
69) o-Xylene	12.18	106	207522	48.121	ug/l	98
70) Styrene	12.20	104	355858	48.445	ug/l	97
71) Bromoform	12.37	173	70818	45.743	ug/l #	100
73) Isopropylbenzene	12.48	105	589737	49.101	ug/l	100
74) N-amyl acetate	12.29	43	70477	44.496	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	73495	45.595	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	109361	85.959	ug/l #	100
77) Bromobenzene	12.76	156	140332	46.675	ug/l	98
78) n-propylbenzene	12.83	91	659260	49.337	ug/l	100
79) 2-Chlorotoluene	12.91	91	377544	47.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	508250	48.653	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	25855	47.532	ug/l	97
82) 4-Chlorotoluene	13.01	91	401285	47.603	ug/l	100
83) tert-Butylbenzene	13.23	119	448118	49.920	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	498807	47.799	ug/l	100
85) sec-Butylbenzene	13.40	105	567840	48.151	ug/l	99
86) p-Isopropyltoluene	13.52	119	554841	48.575	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	266556	45.810	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	263581	45.729	ug/l	98
89) n-Butylbenzene	13.84	91	471428	48.162	ug/l	100
90) Hexachloroethane	14.11	117	102888	47.318	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	230639	46.013	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14082	40.522	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112420\
Quantitation Report (Not Reviewed)

Data File : VD067759.D
Acq On : 24 Nov 2020 10:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Nov 25 02:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	164095	46.235	ug/l	100
94) Hexachlorobutadiene	15.27	225	108745	47.955	ug/l	96
95) Naphthalene	15.40	128	262887	45.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	139506	46.146	ug/l	99

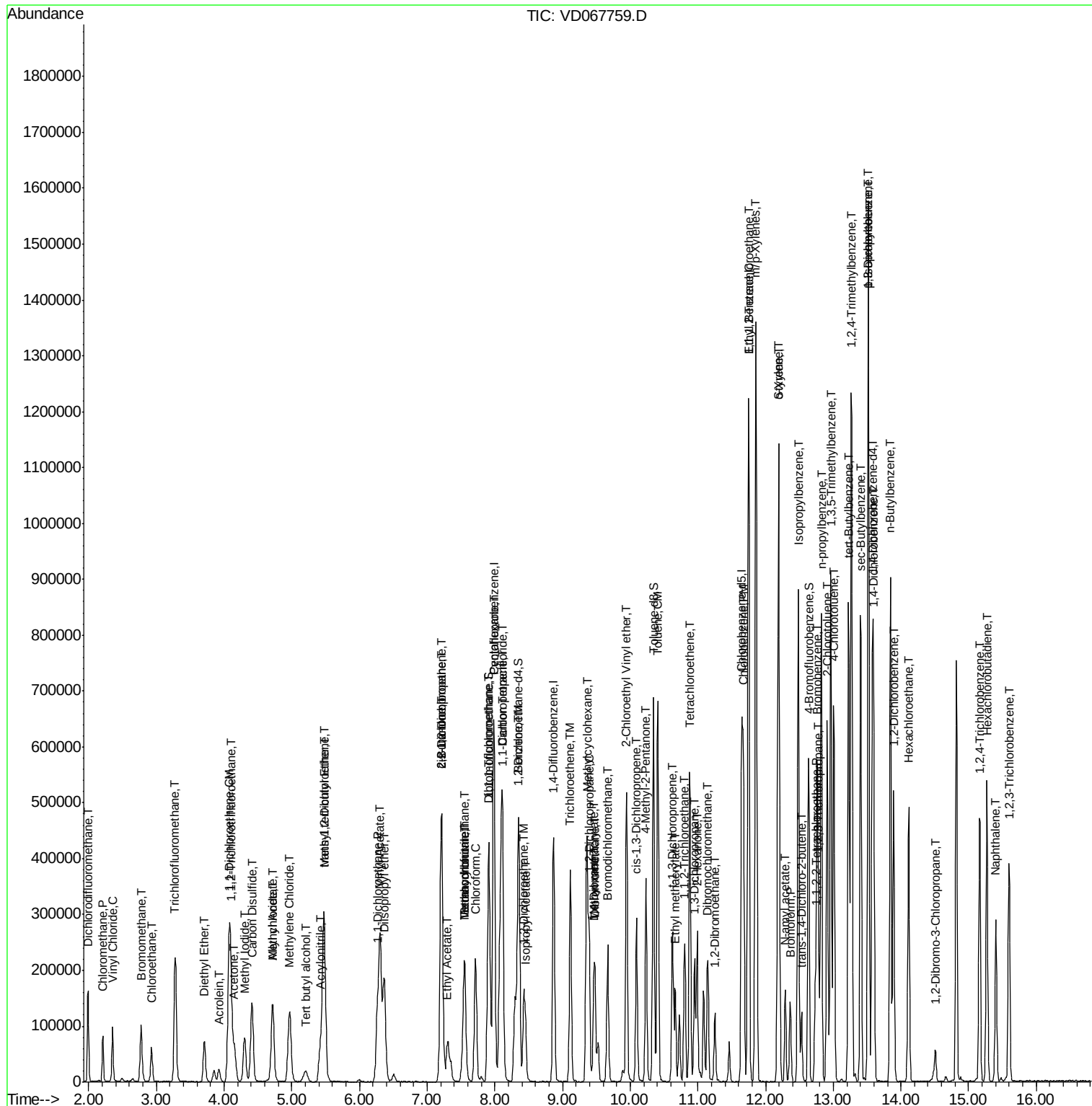
(#) = qualifier out of range (m) = manual integration (+) = signals summed

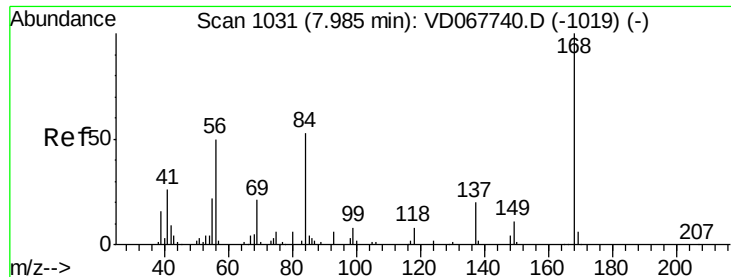
Data File : VD067759.D

```
Acq On       : 24 Nov 2020   10:29
Operator    : VA/SY
Sample      : VSTDCCC050
Misc        : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial    : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Nov 25 02:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

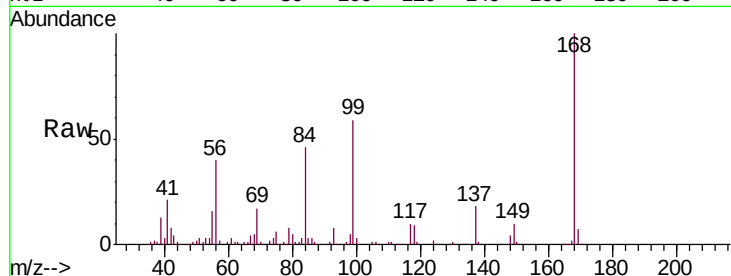
VSTDCCC050

Tgt Ion:168 Resp: 292732

Ion Ratio Lower Upper

168 100

99 59.1 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

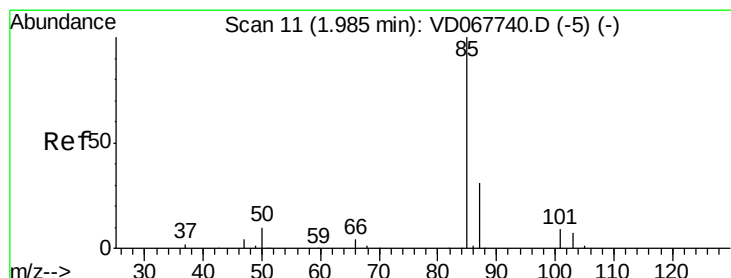
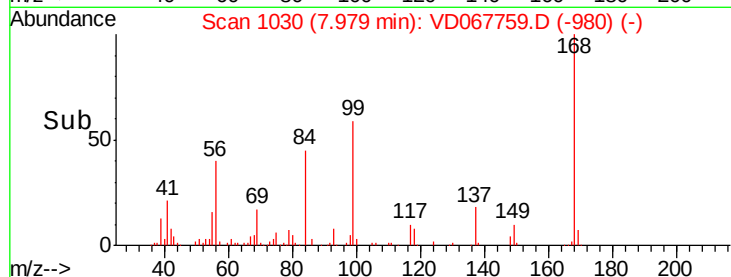
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.579 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067759.D

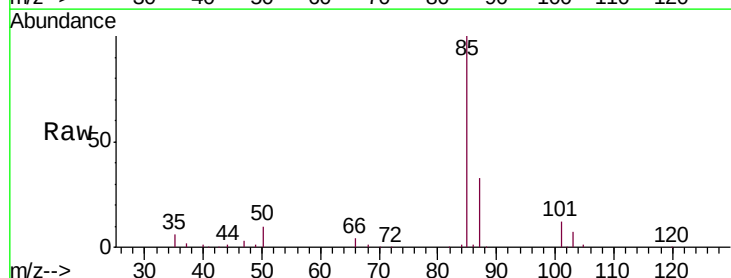
Acq: 24 Nov 2020 10:29

Tgt Ion: 85 Resp: 121205

Ion Ratio Lower Upper

85 100

87 33.2 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

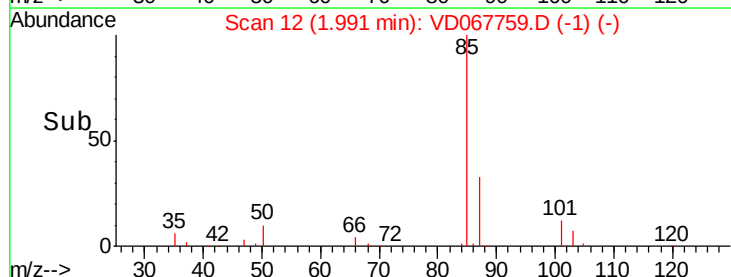
40000

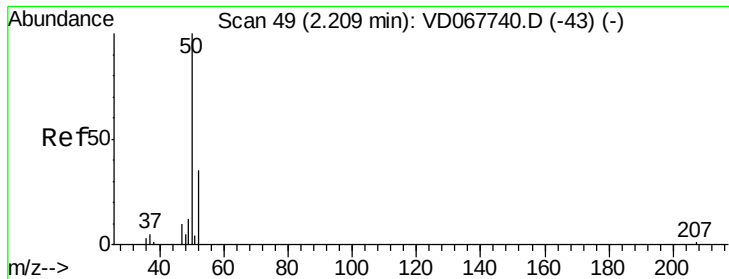
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 46.382 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

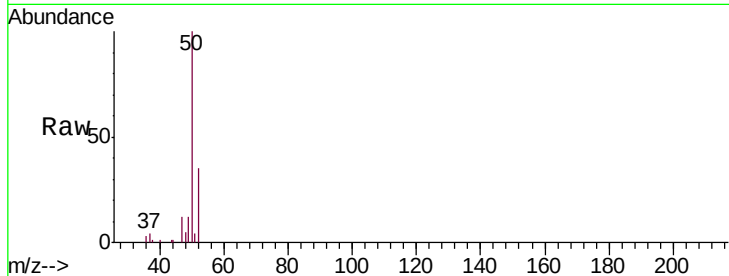
VSTDCCC050

Tgt Ion: 50 Resp: 65780

Ion Ratio Lower Upper

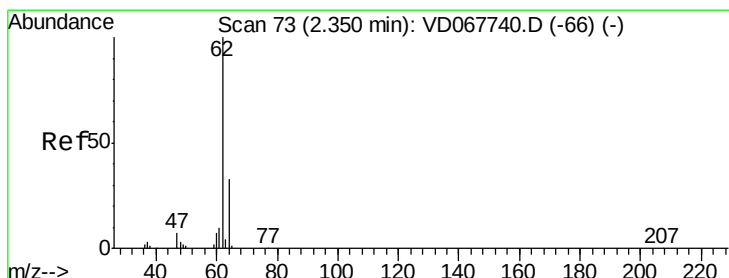
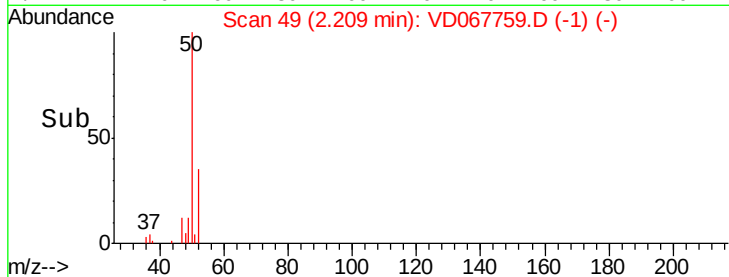
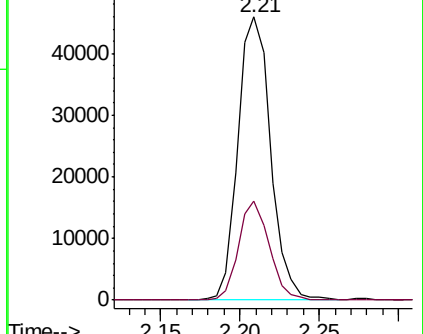
50 100

52 35.0 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.251 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067759.D

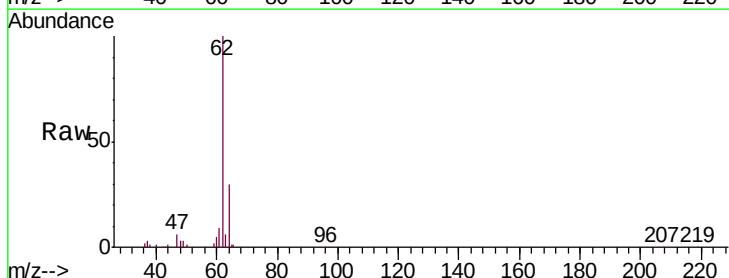
Acq: 24 Nov 2020 10:29

Tgt Ion: 62 Resp: 83971

Ion Ratio Lower Upper

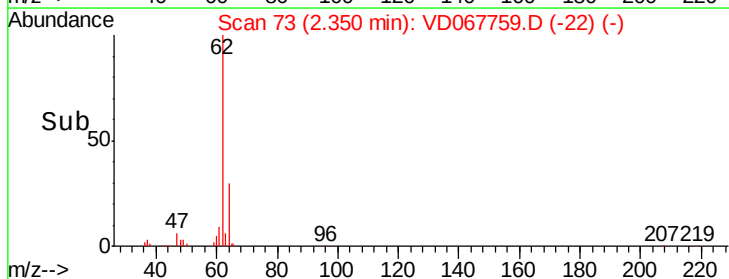
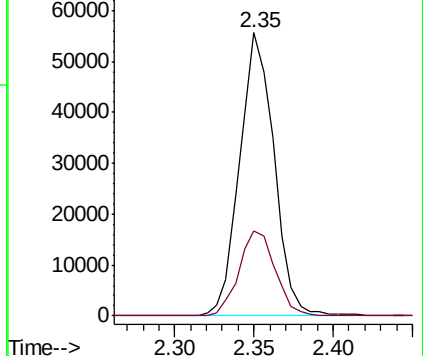
62 100

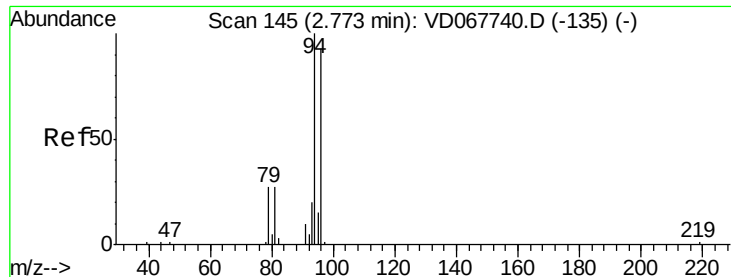
64 30.1 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 46.491 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

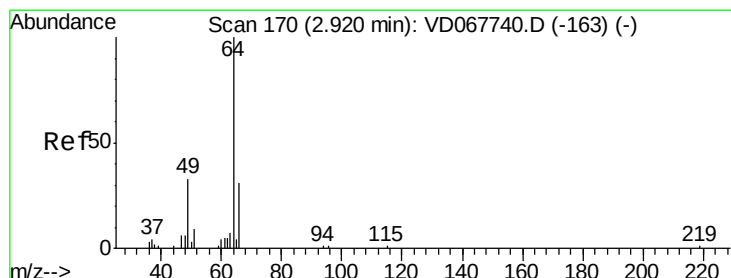
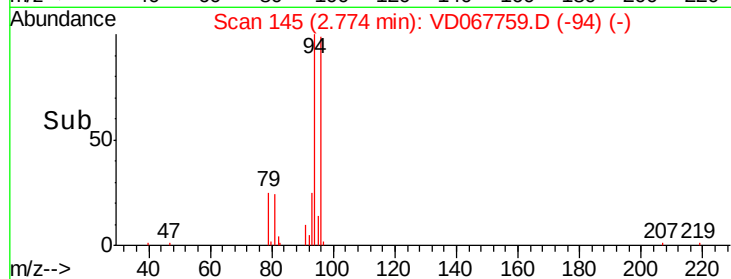
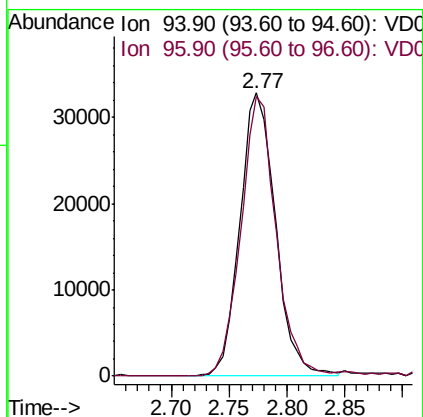
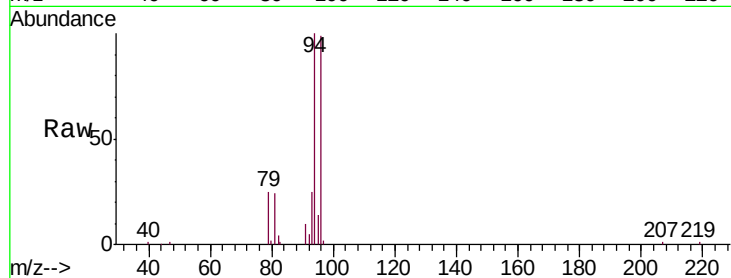
VSTDCCC050

Tgt Ion: 94 Resp: 70392

Ion Ratio Lower Upper

94 100

96 98.6 74.0 111.0



#6

Chloroethane

Concen: 45.311 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067759.D

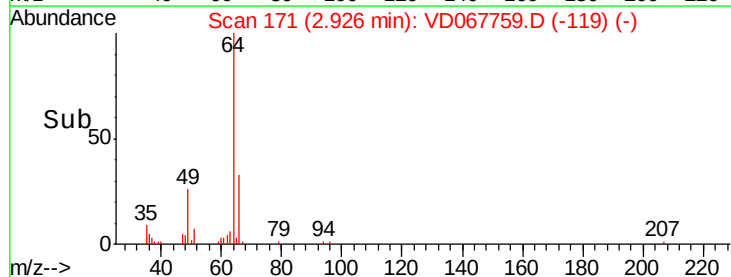
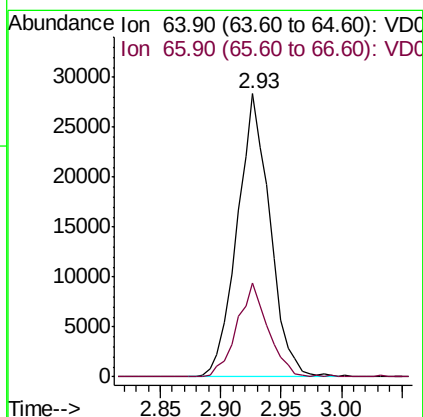
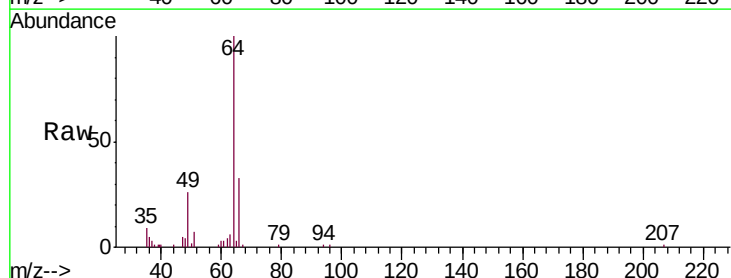
Acq: 24 Nov 2020 10:29

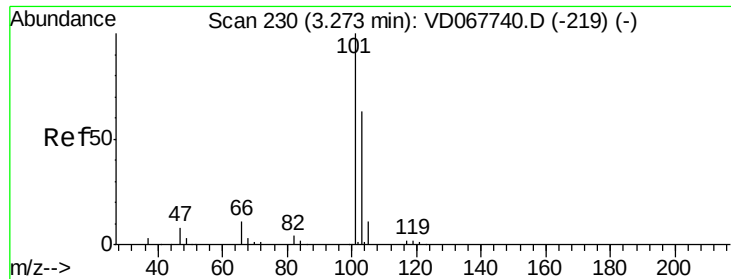
Tgt Ion: 64 Resp: 53667

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7



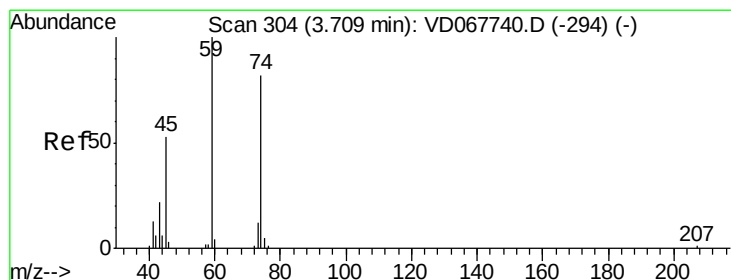
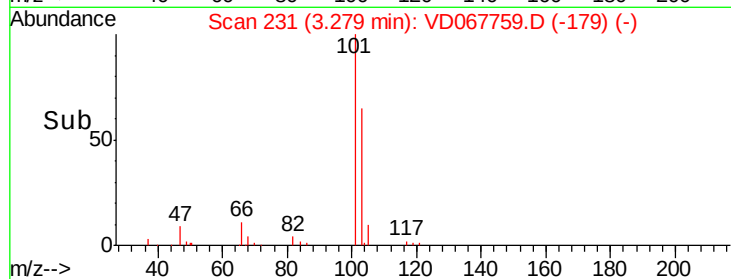
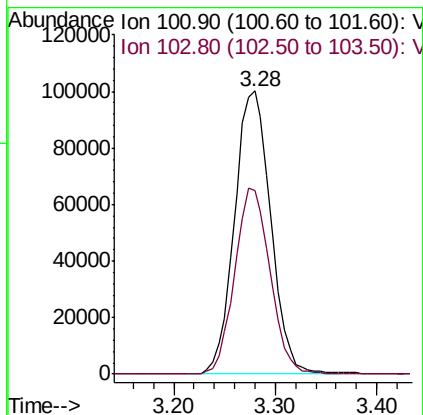
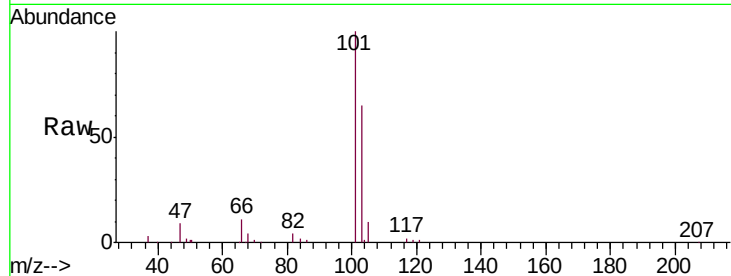


#7

Trichlorofluoromethane
Concen: 45.833 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

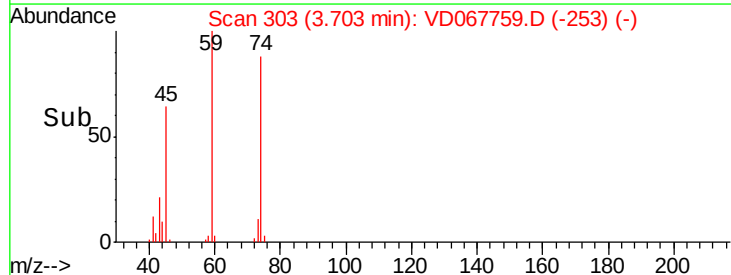
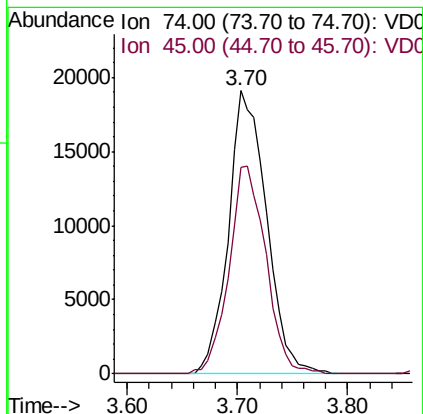
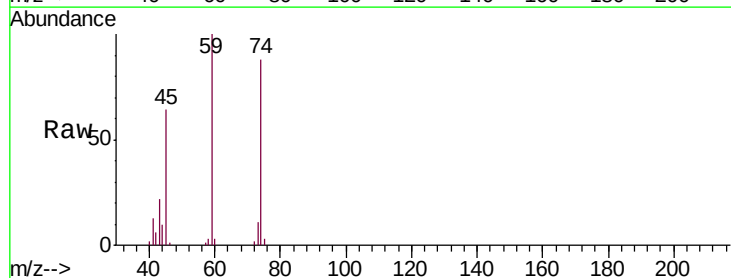
Tgt Ion:101 Resp: 248552
Ion Ratio Lower Upper
101 100
103 64.7 50.3 75.5

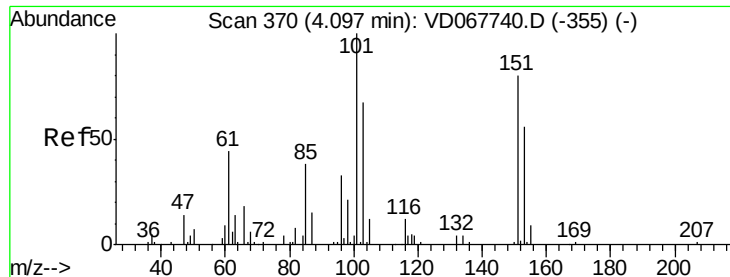


#8

Diethyl Ether
Concen: 42.200 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 74 Resp: 46205
Ion Ratio Lower Upper
74 100
45 71.0 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.894 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

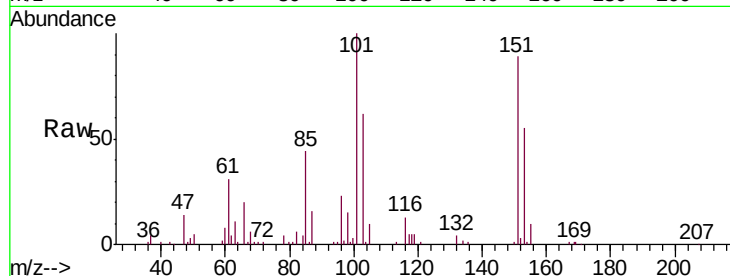
Tgt Ion:101 Resp: 116583

Ion Ratio Lower Upper

101 100

85 44.5 35.5 53.3

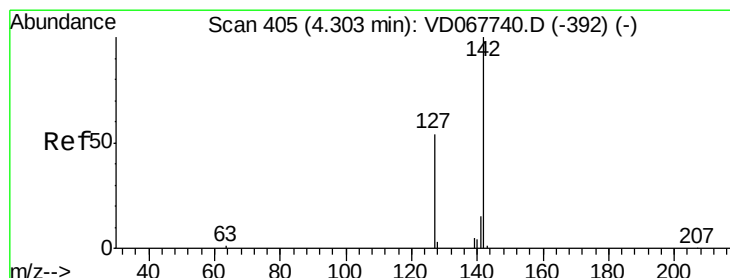
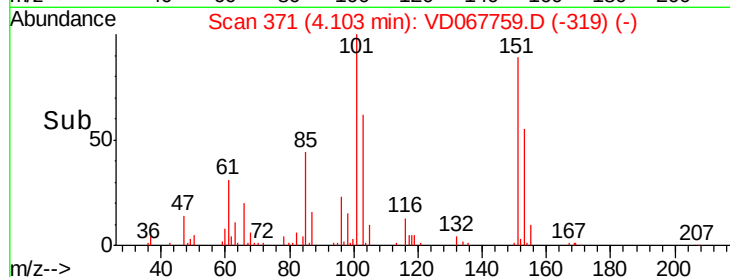
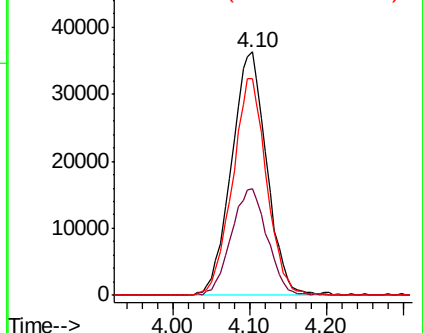
151 86.0 69.4 104.0



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: 48.543 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

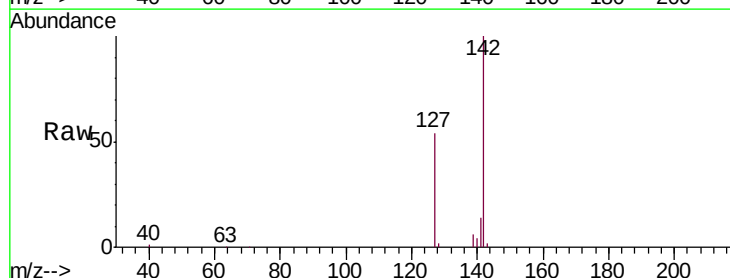
Tgt Ion:142 Resp: 129029

Ion Ratio Lower Upper

142 100

127 53.6 42.2 63.2

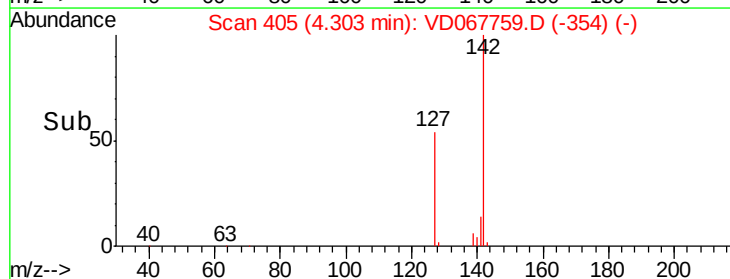
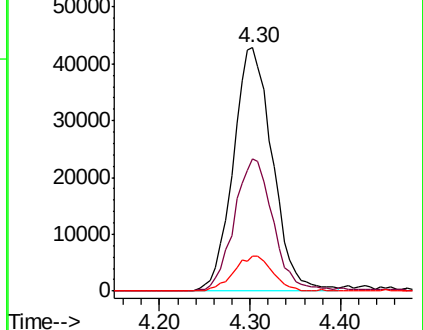
141 14.1 11.8 17.6

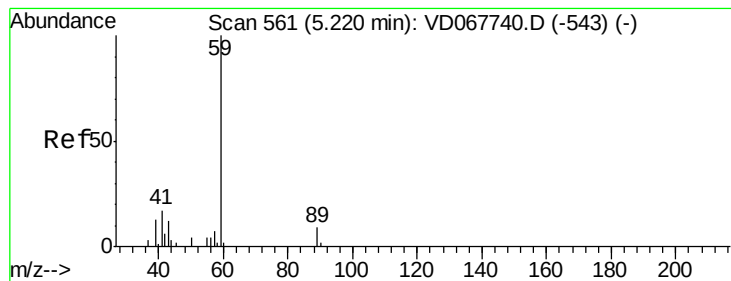


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 217.989 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

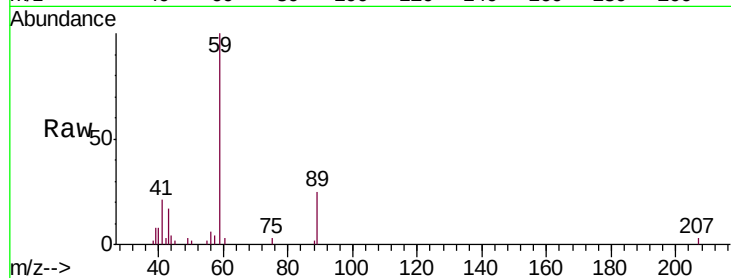
VSTDCCC050

Tgt Ion: 59 Resp: 33406

Ion Ratio Lower Upper

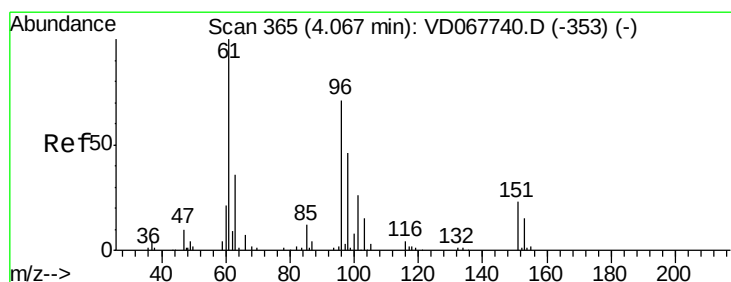
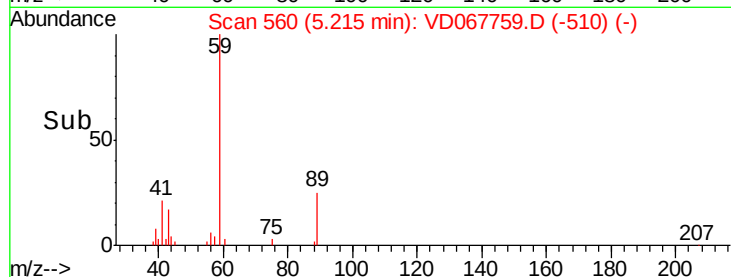
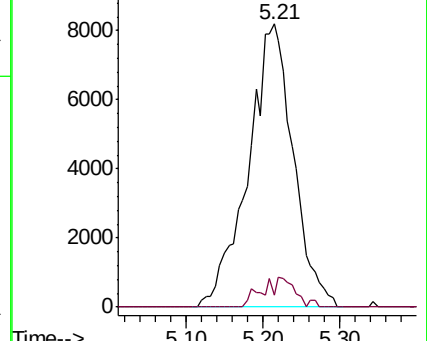
59 100

57 7.2 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 43.259 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

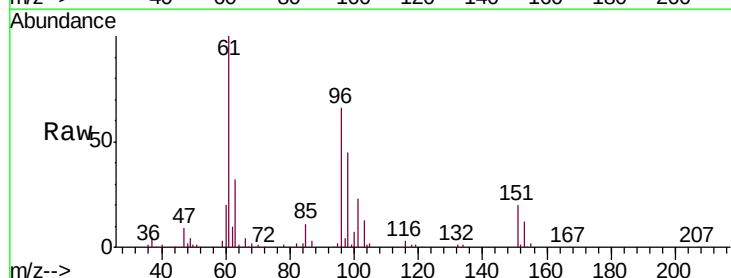
Tgt Ion: 96 Resp: 103947

Ion Ratio Lower Upper

96 100

61 150.3 112.9 169.3

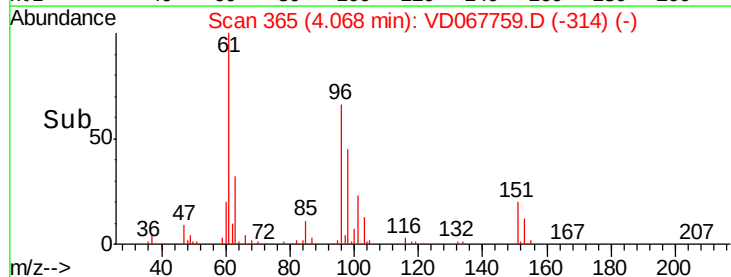
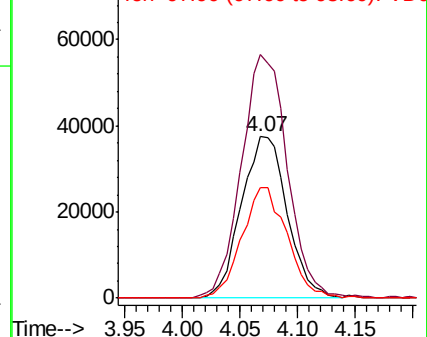
98 68.6 52.4 78.6

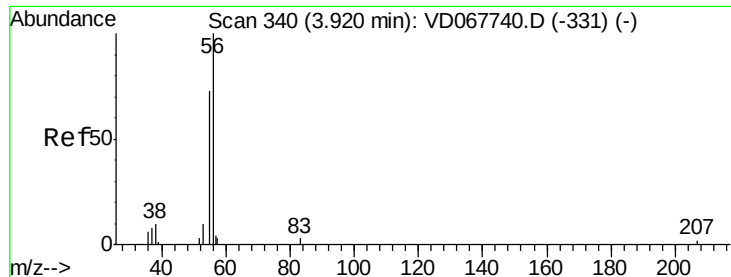


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 206.305 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

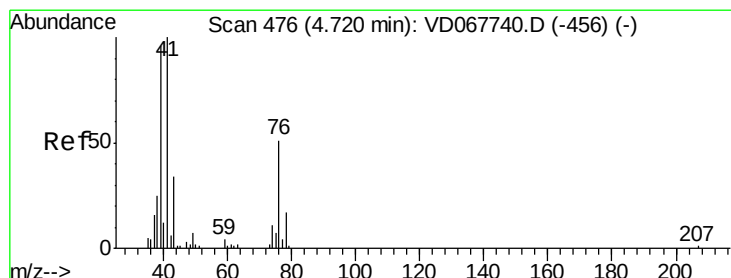
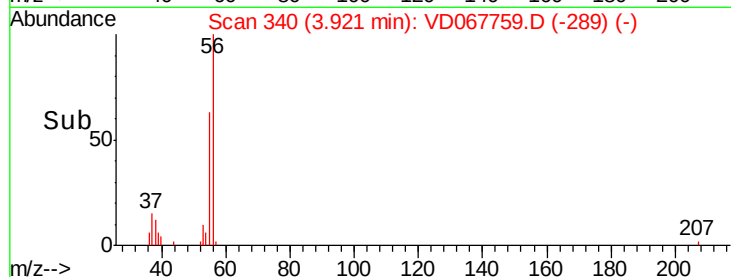
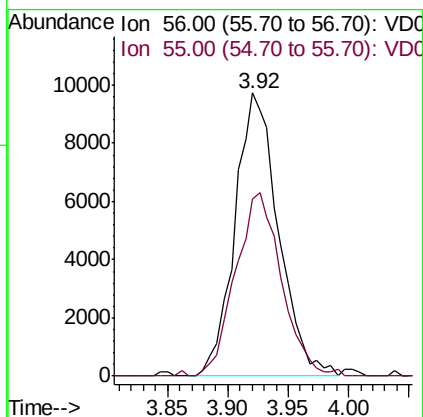
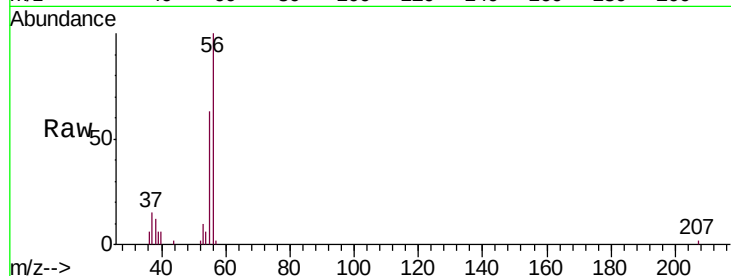
VSTDCCC050

Tgt Ion: 56 Resp: 24339

Ion Ratio Lower Upper

56 100

55 68.7 61.2 91.8



#14

Allyl chloride

Concen: 45.090 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

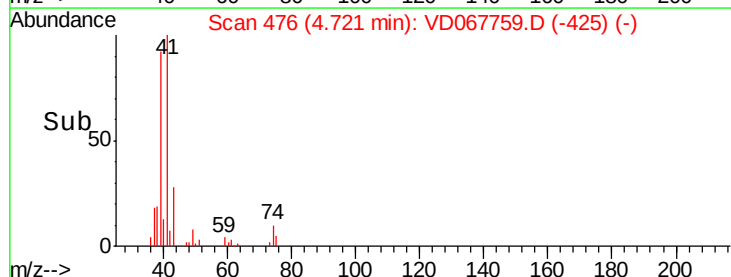
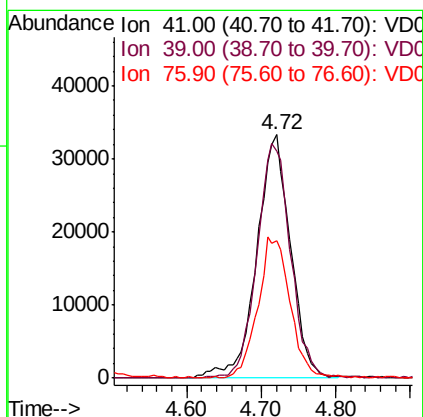
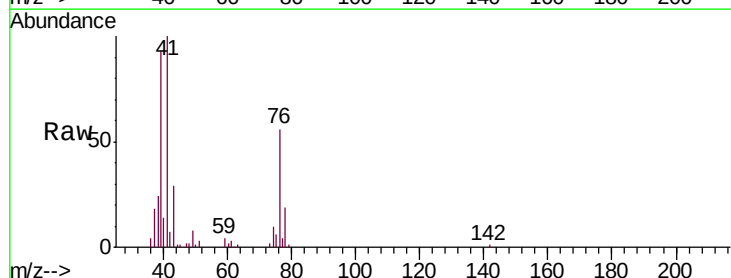
Tgt Ion: 41 Resp: 104735

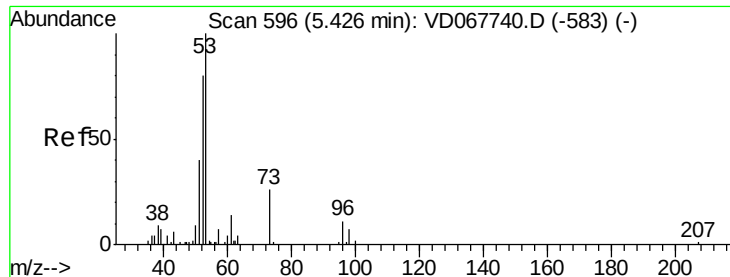
Ion Ratio Lower Upper

41 100

39 95.1 74.6 111.8

76 55.3 43.3 64.9





#15

Acrylonitrile

Concen: 210.500 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

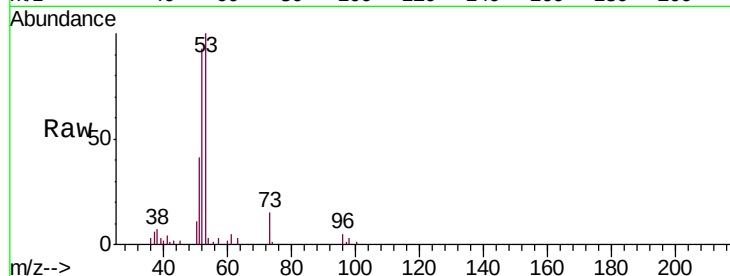
Tgt Ion: 53 Resp: 80273

Ion Ratio Lower Upper

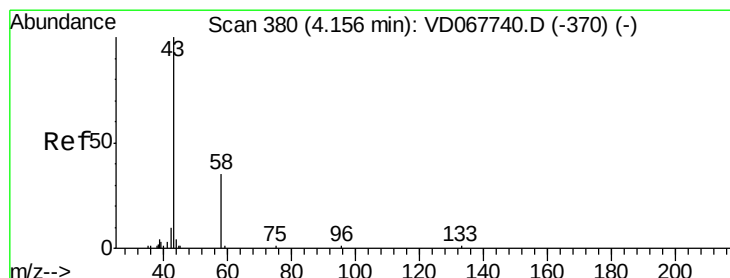
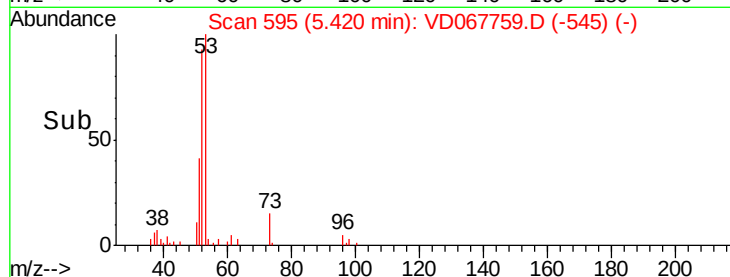
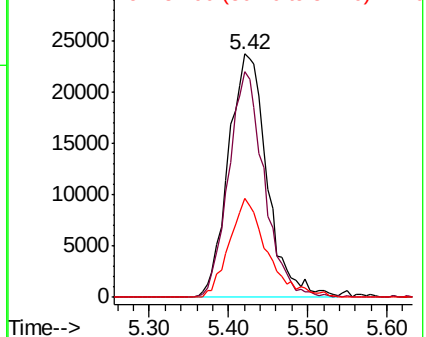
53 100

52 85.5 63.4 95.2

51 39.8 31.4 47.2



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: 262.672 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067759.D

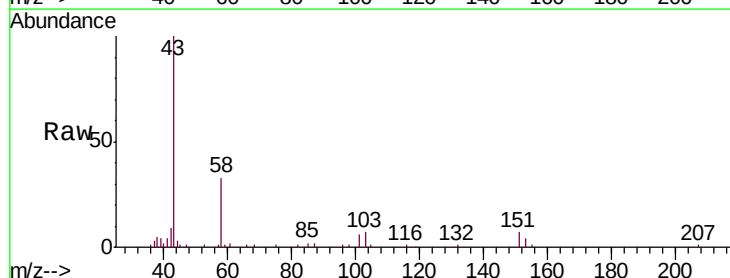
Acq: 24 Nov 2020 10:29

Tgt Ion: 43 Resp: 96585

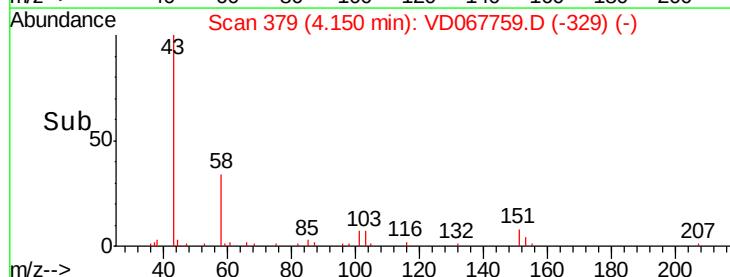
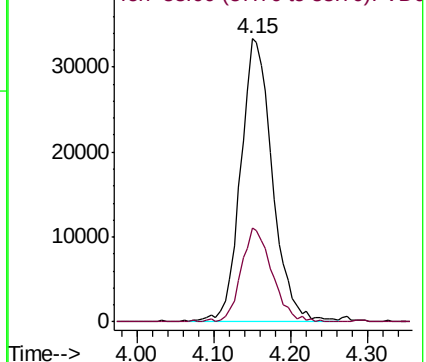
Ion Ratio Lower Upper

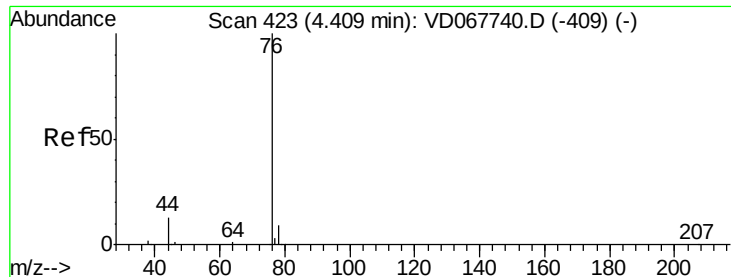
43 100

58 33.0 27.6 41.4



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





#17

Carbon Disulfide

Concen: 44.789 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

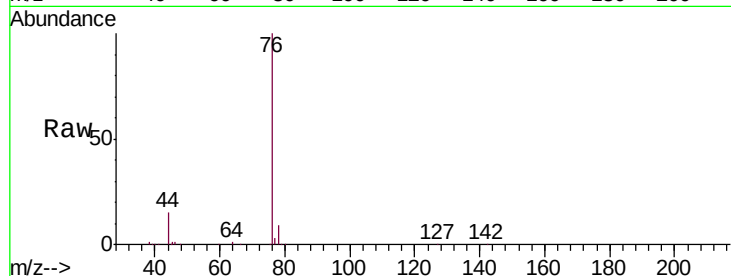
VSTDCCC050

Tgt Ion: 76 Resp: 311279

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

120000

100000

80000

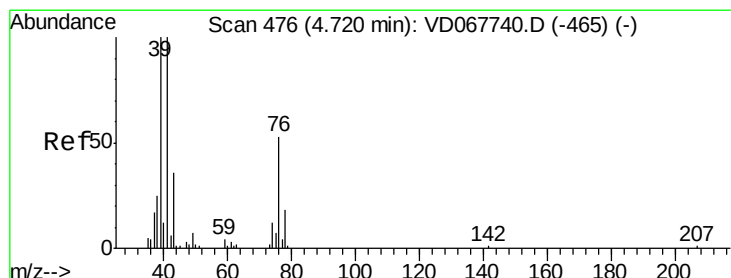
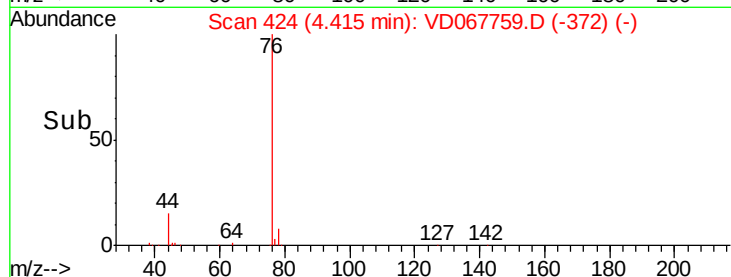
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 41.607 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067759.D

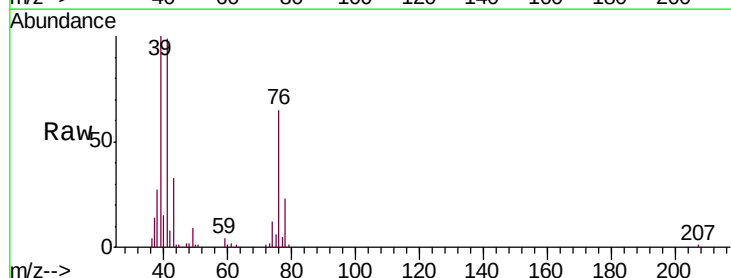
Acq: 24 Nov 2020 10:29

Tgt Ion: 43 Resp: 30779

Ion Ratio Lower Upper

43 100

74 36.4 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

10000

8000

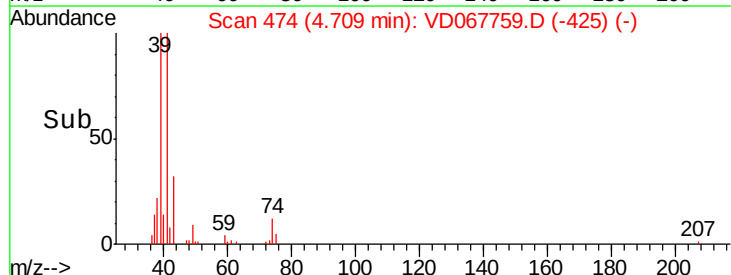
6000

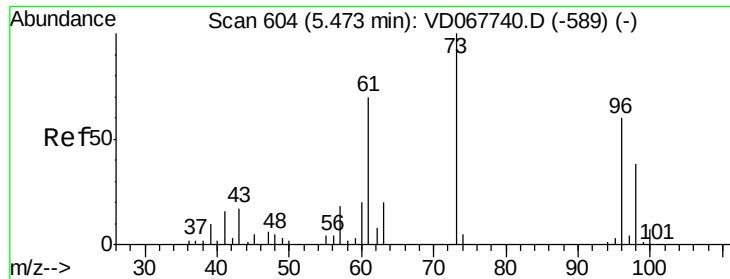
4000

2000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 43.274 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

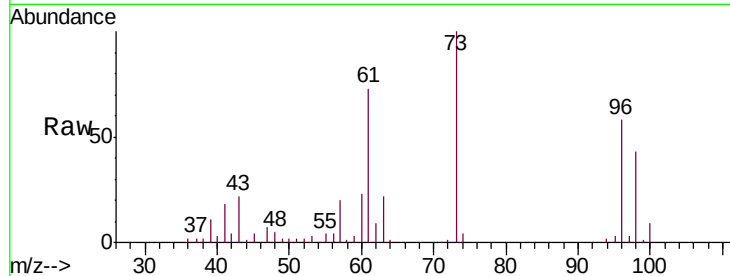
VSTDCCC050

Tgt Ion: 73 Resp: 222230

Ion Ratio Lower Upper

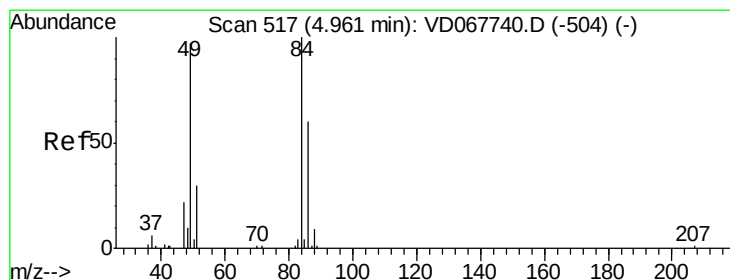
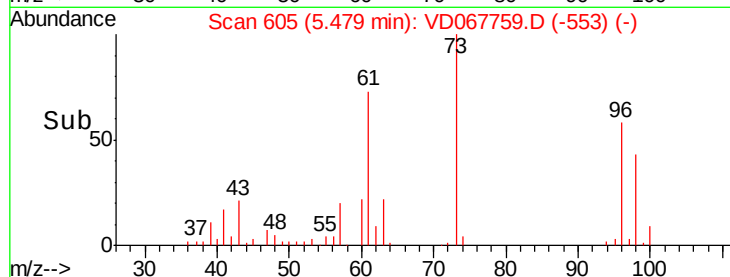
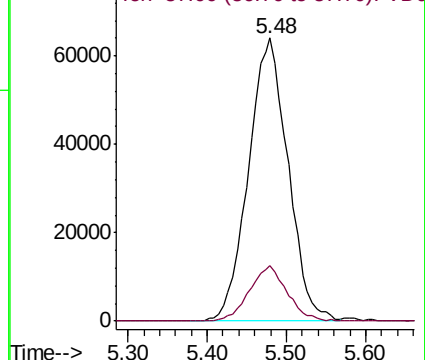
73 100

57 19.8 14.8 22.2



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#20

Methylene Chloride

Concen: 40.228 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion: 84 Resp: 115890

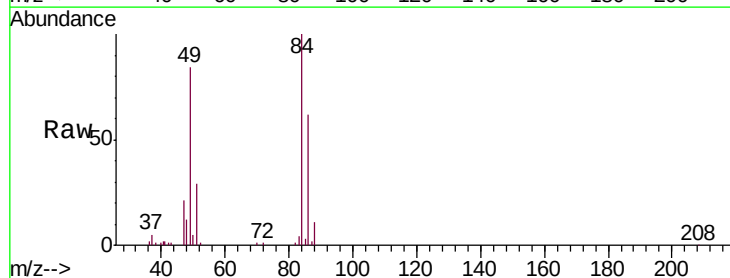
Ion Ratio Lower Upper

84 100

49 84.0 77.4 116.2

51 29.5 24.1 36.1

86 61.7 48.2 72.2

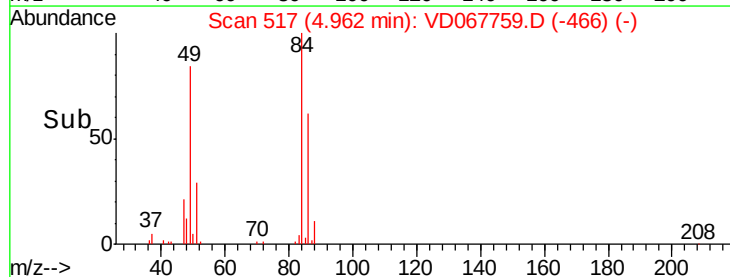
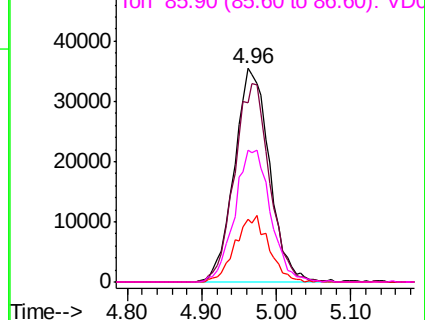


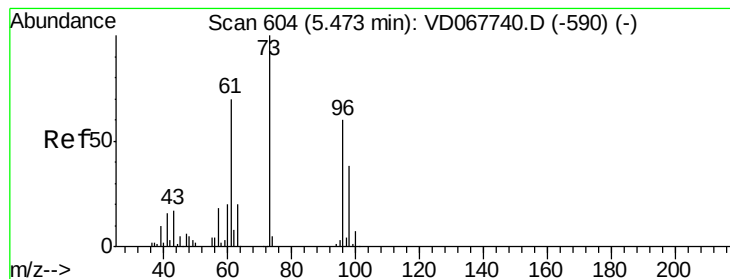
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 45.210 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

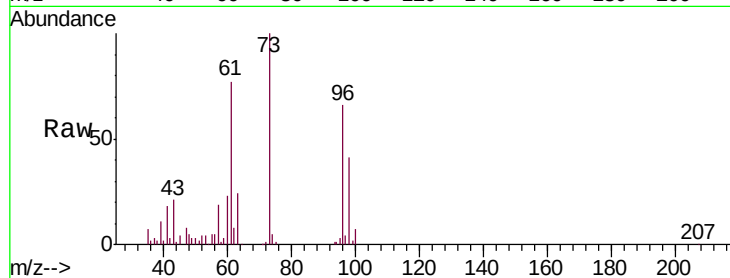
Tgt Ion: 96 Resp: 123509

Ion Ratio Lower Upper

96 100

61 116.0 94.0 141.0

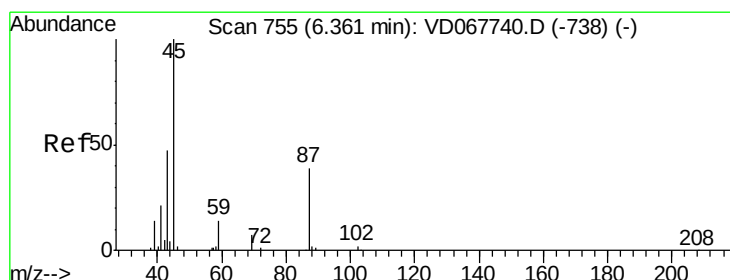
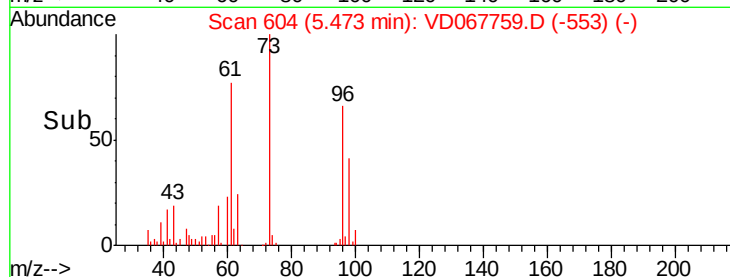
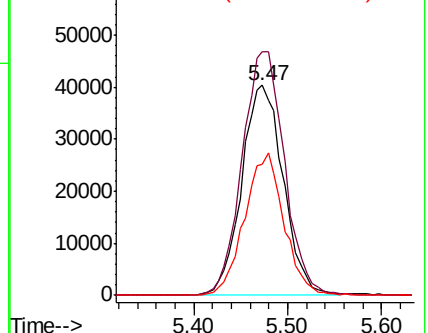
98 62.4 51.3 76.9



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: 44.270 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion: 45 Resp: 202983

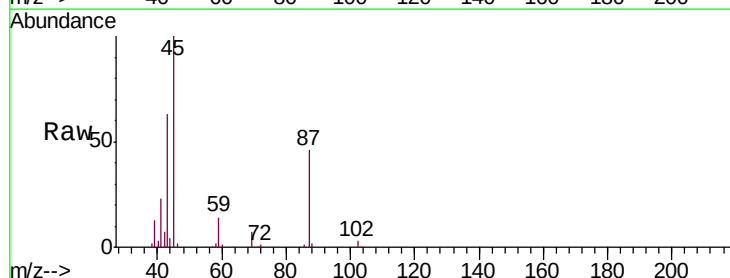
Ion Ratio Lower Upper

45 100

43 61.7 46.8 70.2

87 45.5 32.9 49.3

59 13.6 11.2 16.8

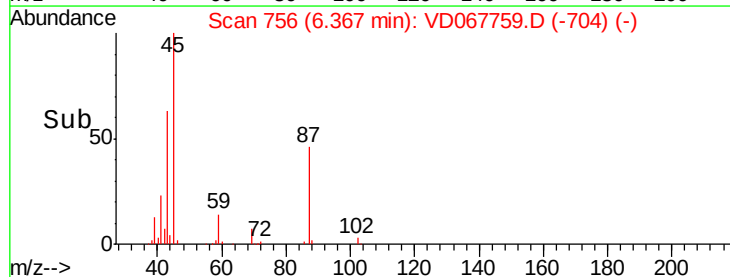
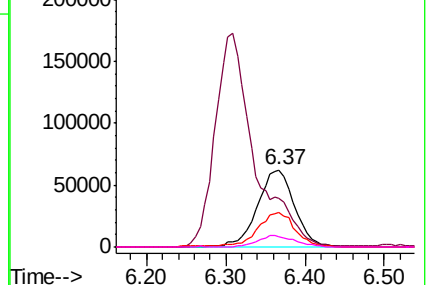


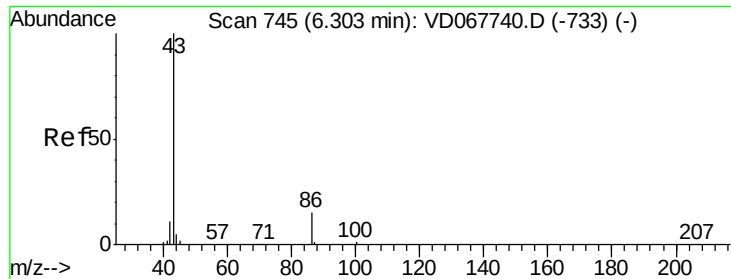
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 230.975 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

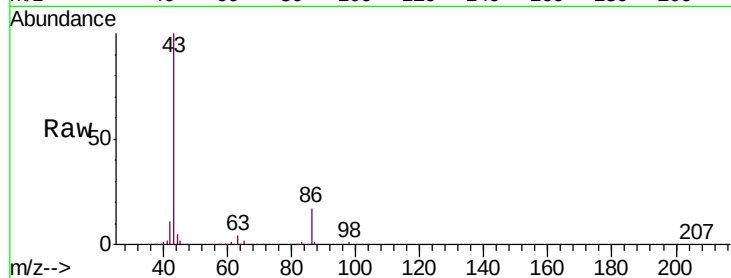
VSTDCCC050

Tgt Ion: 43 Resp: 597393

Ion Ratio Lower Upper

43 100

86 16.6 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

200000

150000

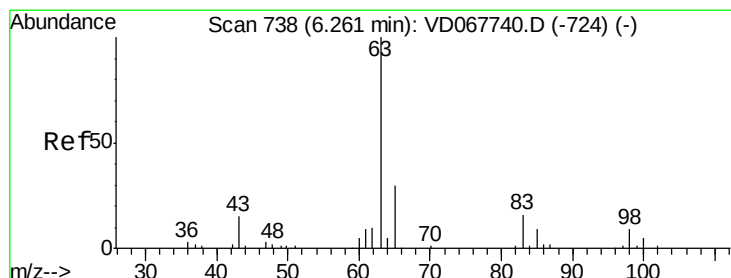
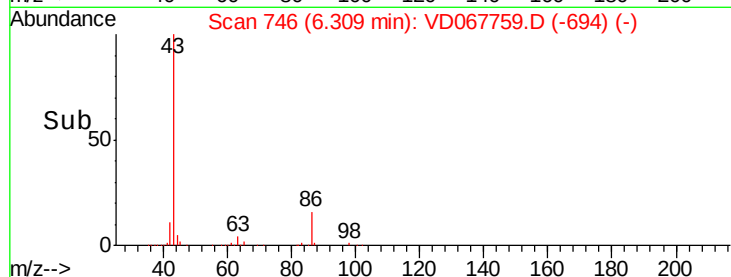
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 45.568 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

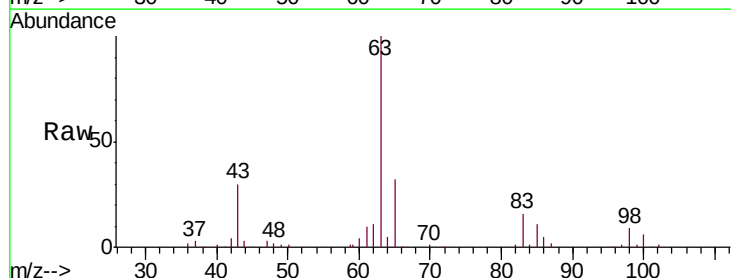
Tgt Ion: 63 Resp: 177138

Ion Ratio Lower Upper

63 100

98 9.2 4.4 13.2

100 5.9 2.6 8.0



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

60000

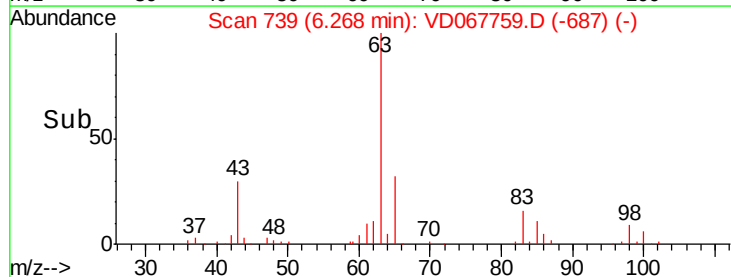
40000

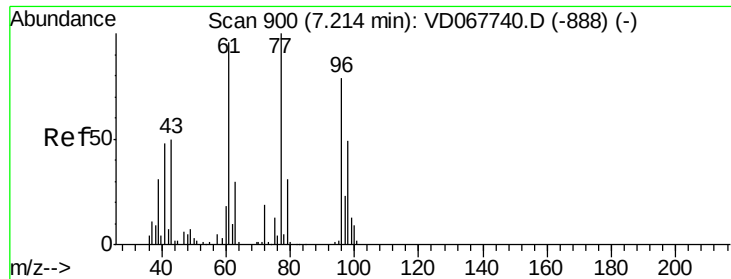
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 225.544 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

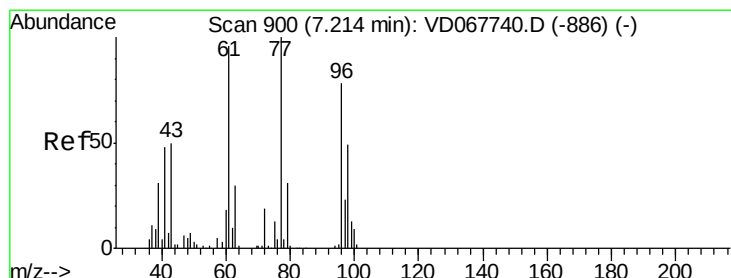
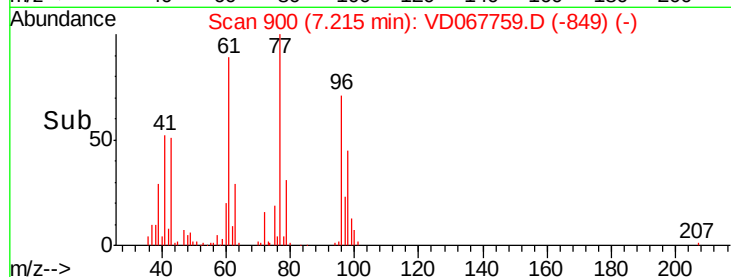
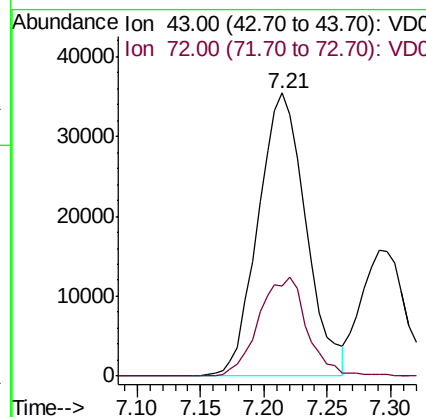
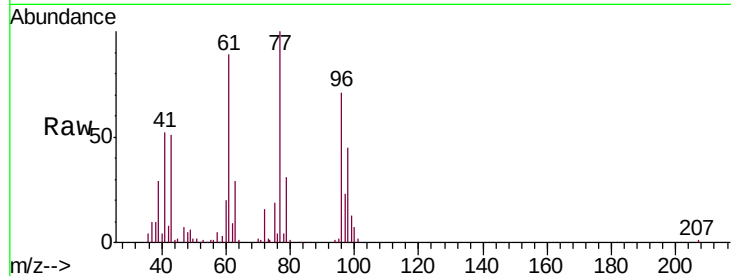
VSTDCCC050

Tgt Ion: 43 Resp: 93063

Ion Ratio Lower Upper

43 100

72 31.9 30.8 46.2



#26

2,2-Dichloropropane

Concen: 44.992 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067759.D

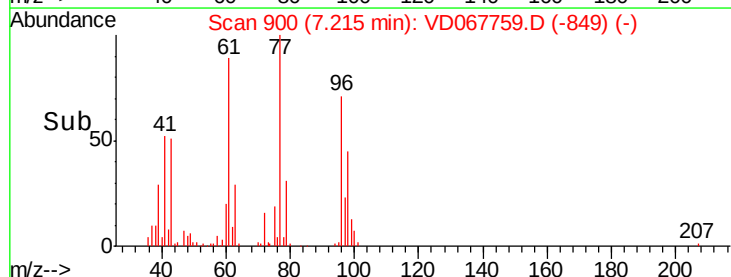
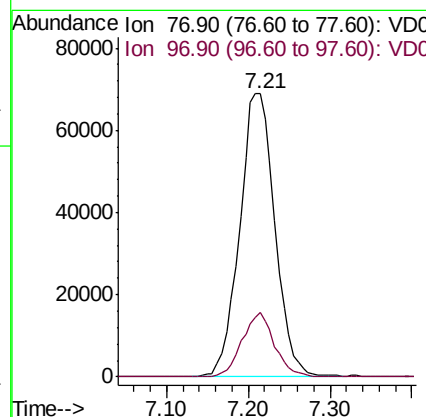
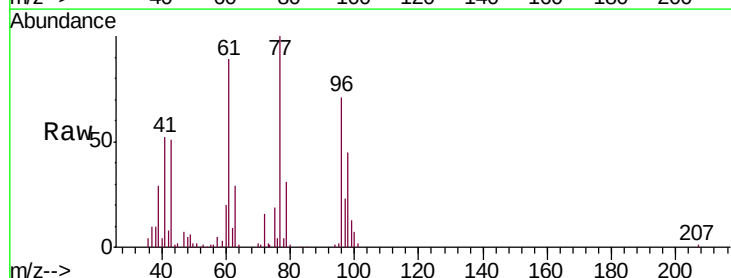
Acq: 24 Nov 2020 10:29

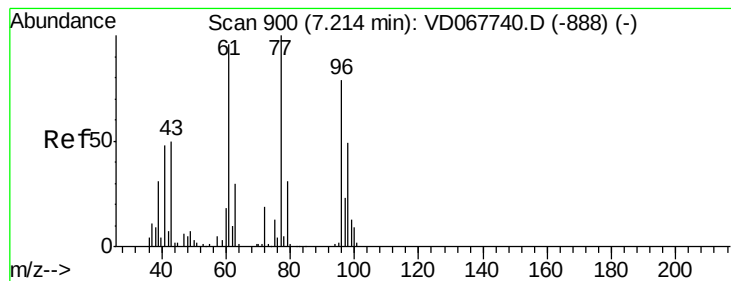
Tgt Ion: 77 Resp: 206334

Ion Ratio Lower Upper

77 100

97 20.7 11.1 33.3



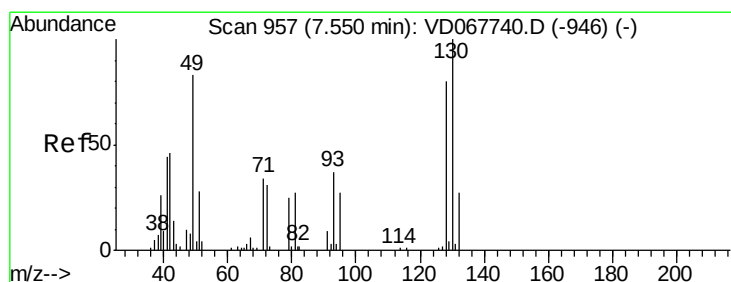
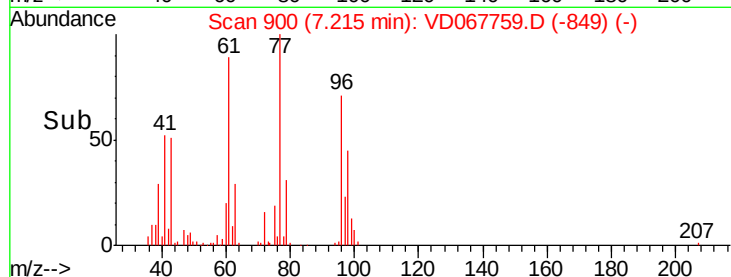
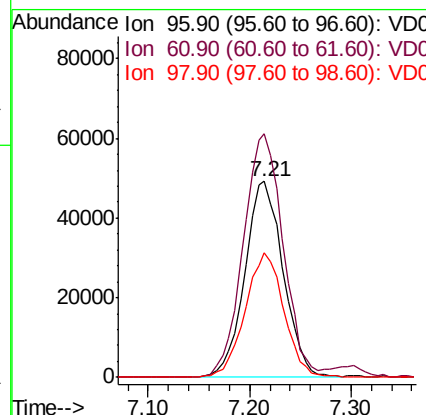
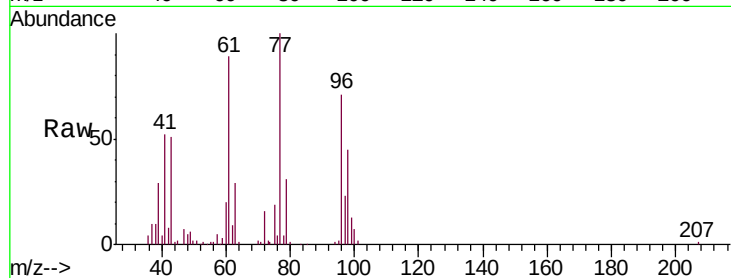


#27

cis-1,2-Dichloroethene
 Concen: 44.410 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

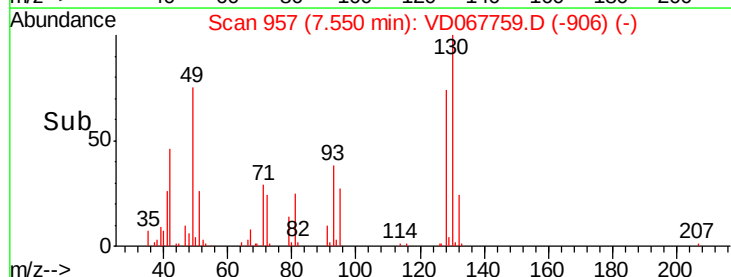
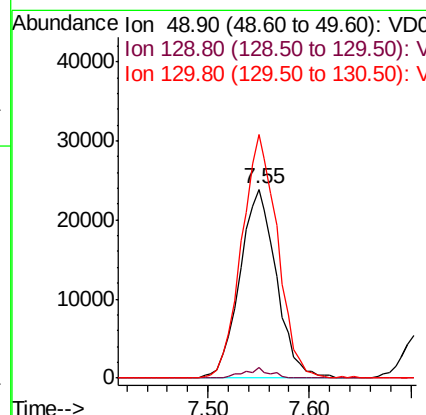
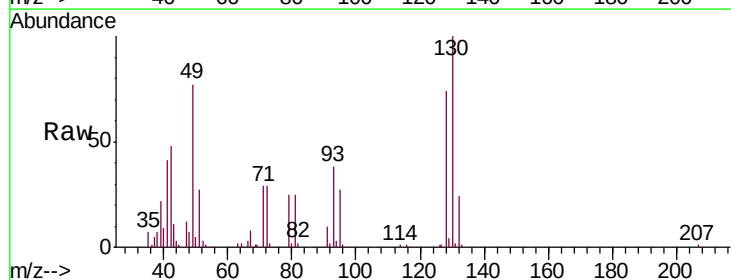
Tgt Ion: 96 Resp: 129317
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 258.0
 98 63.9 0.0 131.8

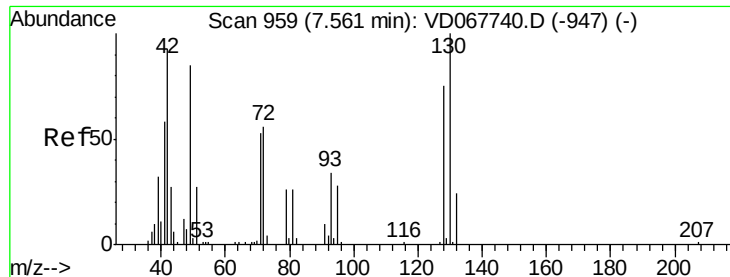


#28

Bromochloromethane
 Concen: 47.937 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 49 Resp: 59691
 Ion Ratio Lower Upper
 49 100
 129 3.7 0.0 7.0
 130 127.0 102.2 153.4

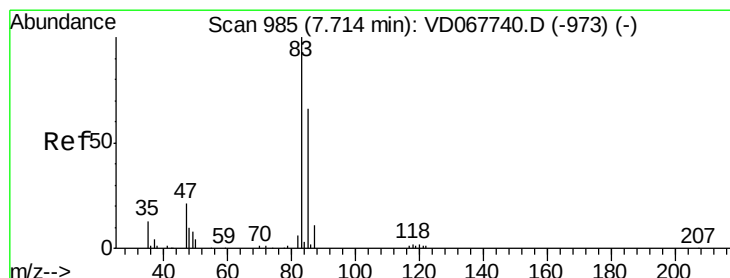
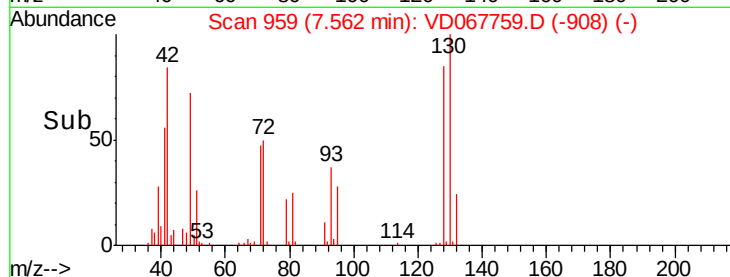
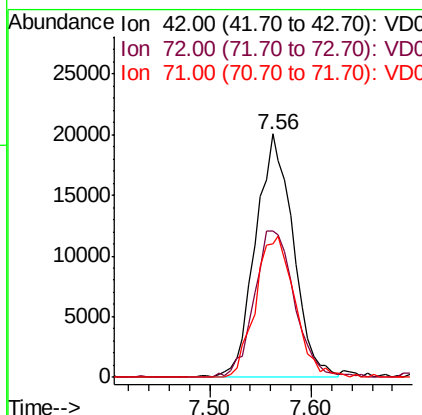
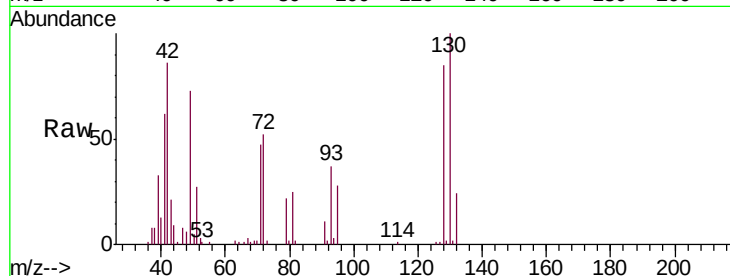




#29
Tetrahydrofuran
Concen: 220.258 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

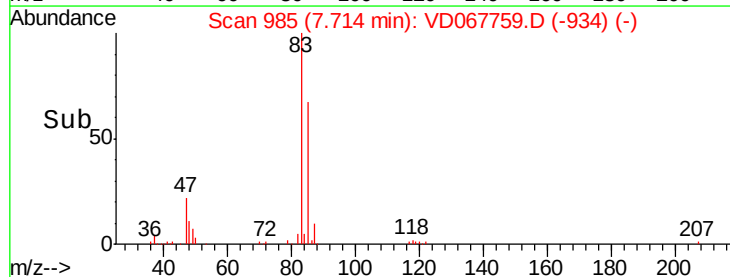
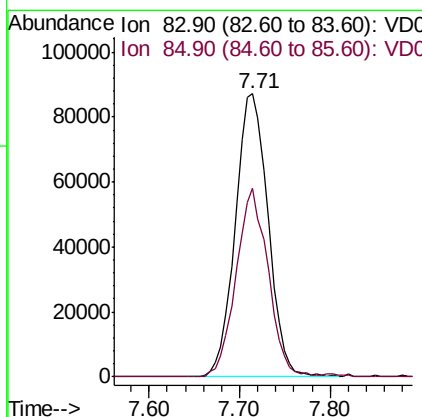
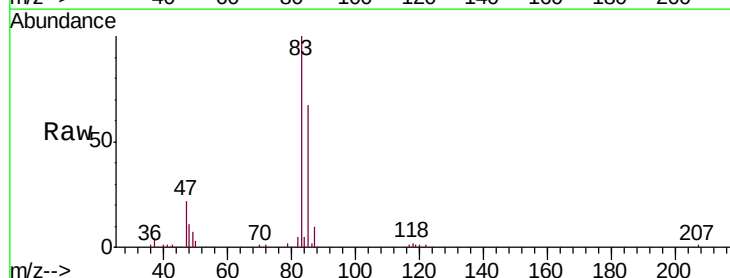
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

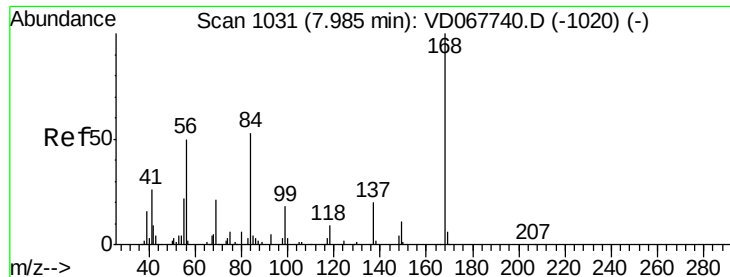
Tgt Ion: 42 Resp: 51672
Ion Ratio Lower Upper
42 100
72 65.1 49.3 73.9
71 60.4 45.9 68.9



#30
Chloroform
Concen: 43.232 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 83 Resp: 219762
Ion Ratio Lower Upper
83 100
85 66.8 53.1 79.7

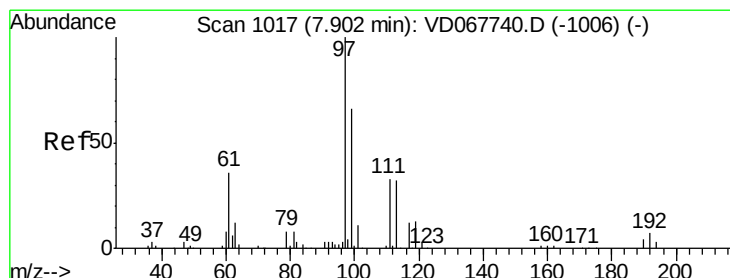
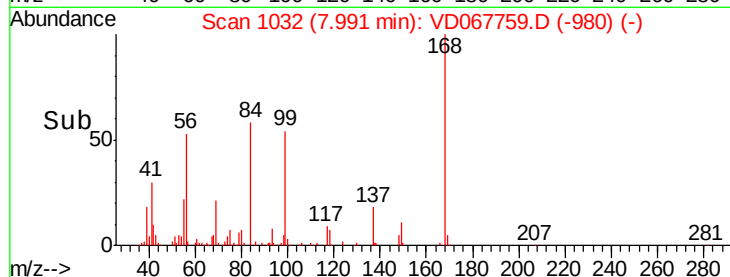
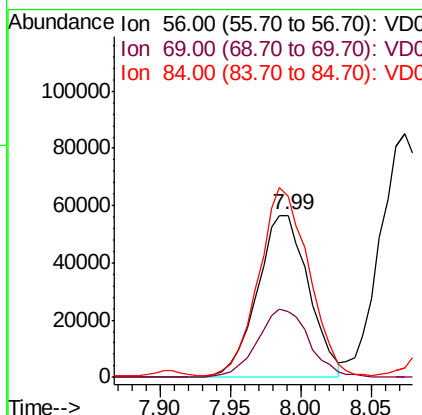
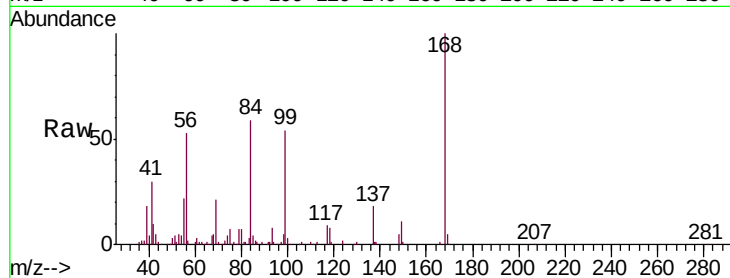




#31
Cyclohexane
Concen: 41.835 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

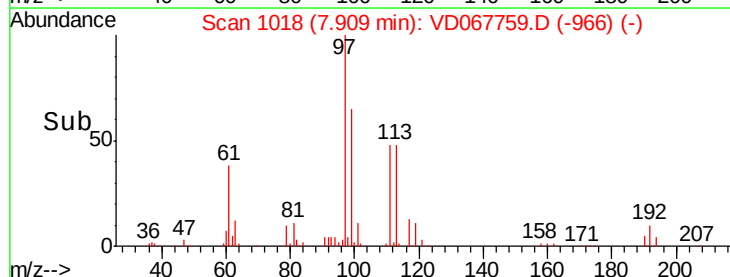
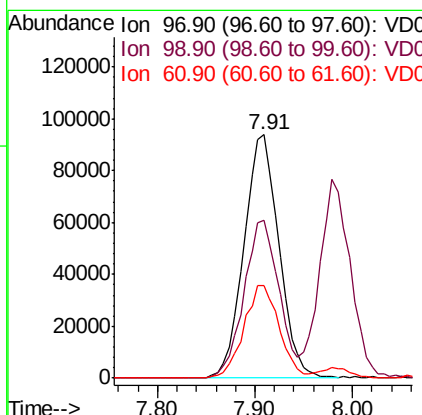
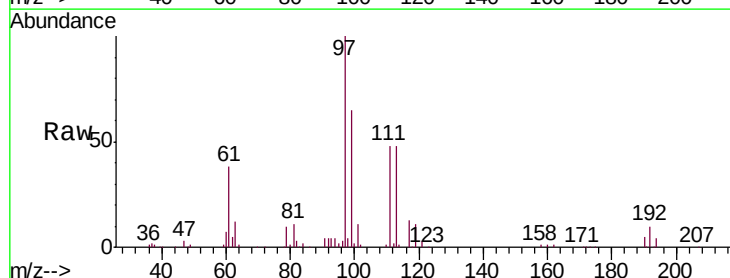
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

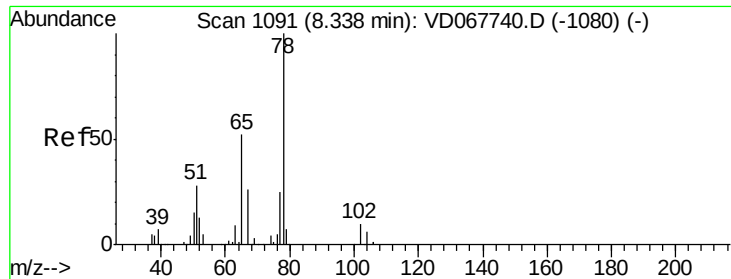
Tgt Ion: 56 Resp: 144075
Ion Ratio Lower Upper
56 100
69 40.3 33.2 49.8
84 109.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 43.653 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 97 Resp: 235008
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 38.4 29.4 44.2

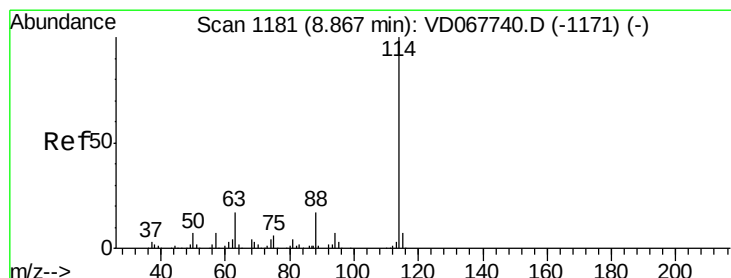
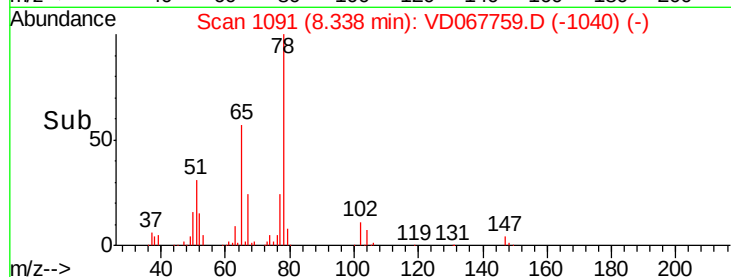
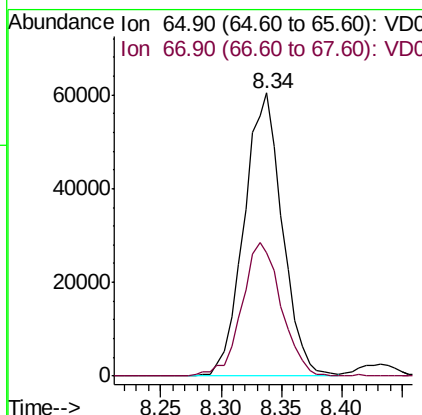
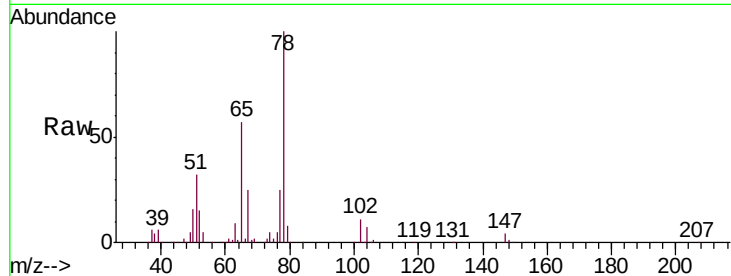




#33
 1,2-Dichloroethane-d4
 Concen: 46.951 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

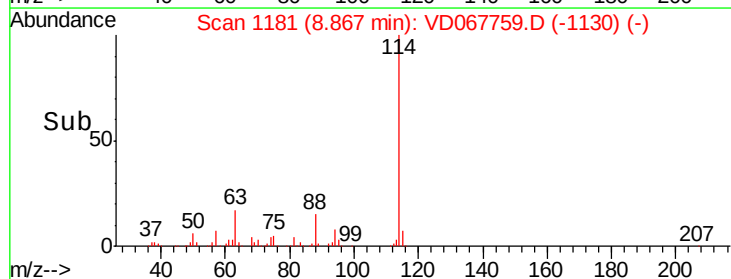
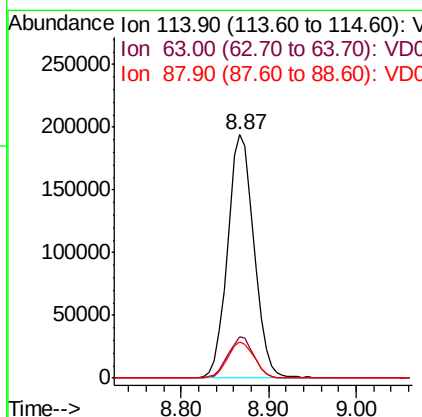
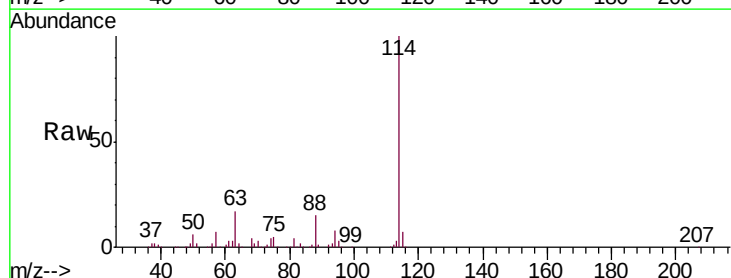
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

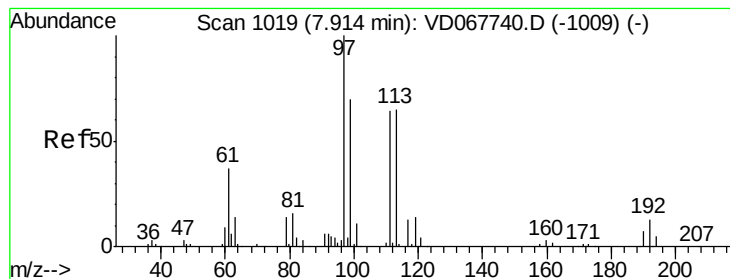
Tgt Ion: 65 Resp: 133636
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 114 Resp: 399721
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.8
 88 15.1 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.551 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

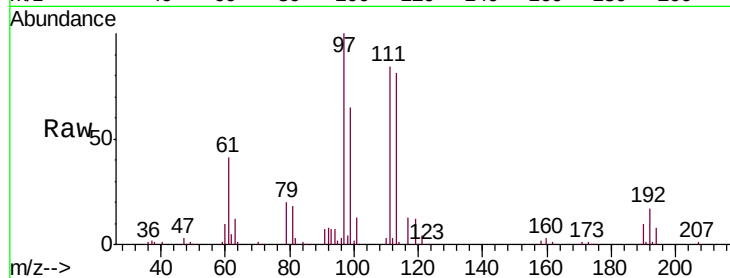
Tgt Ion:113 Resp: 126049

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

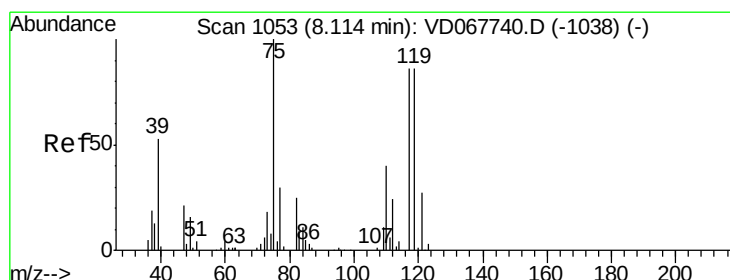
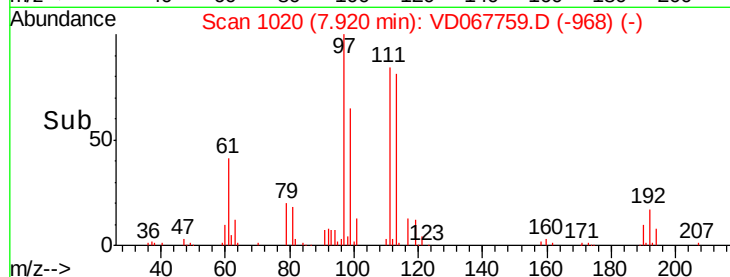
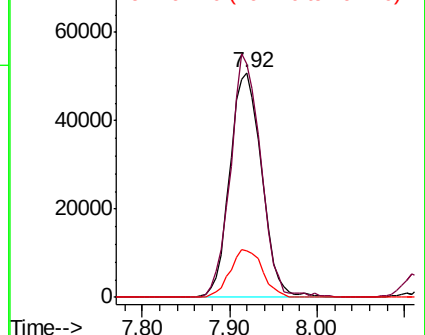
192 21.6 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.760 ug/l

RT: 8.12 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

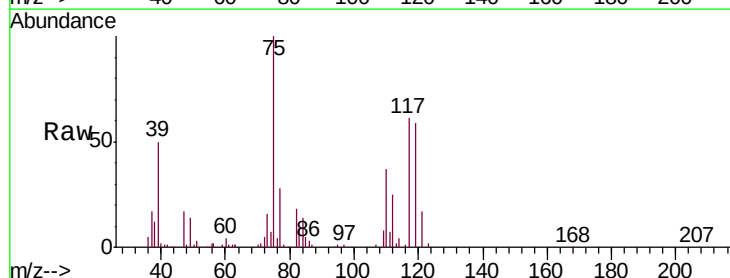
Tgt Ion: 75 Resp: 167248

Ion Ratio Lower Upper

75 100

110 39.4 20.1 60.2

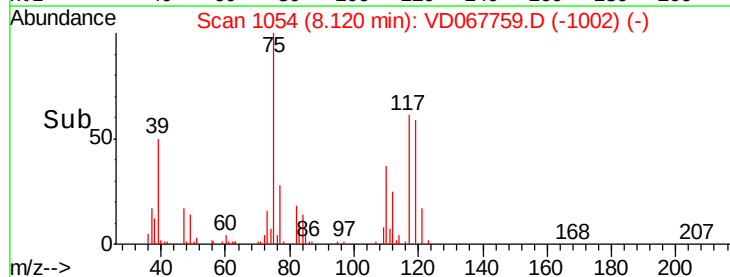
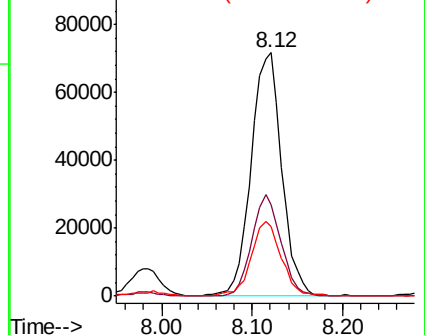
77 30.2 24.8 37.2

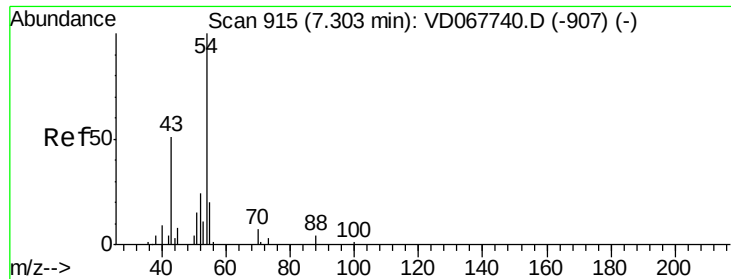


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

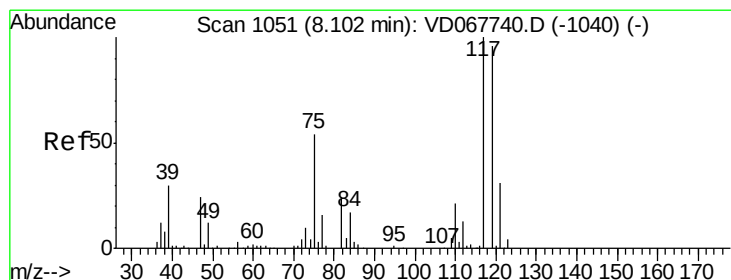
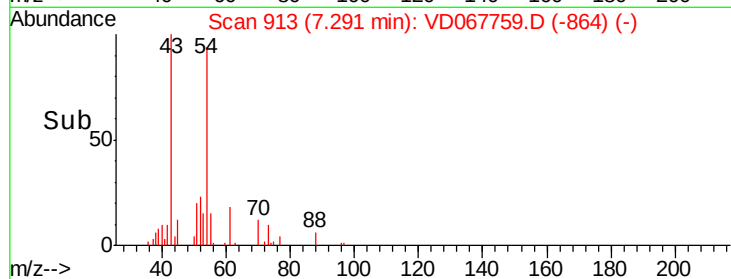
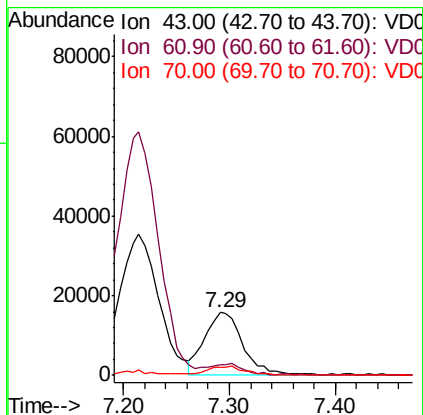
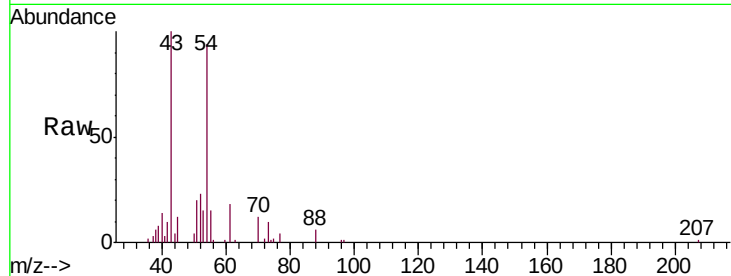




#37
 Ethyl Acetate
 Concen: 43.826 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

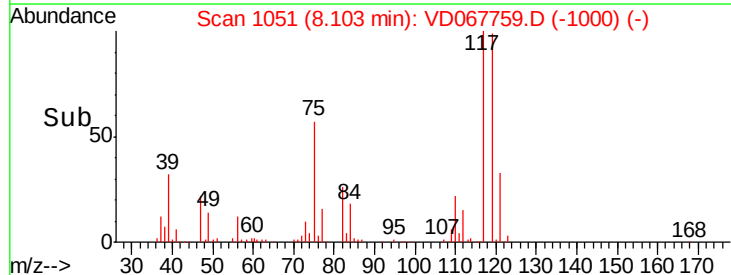
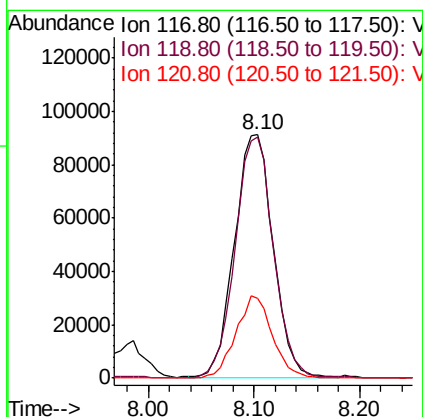
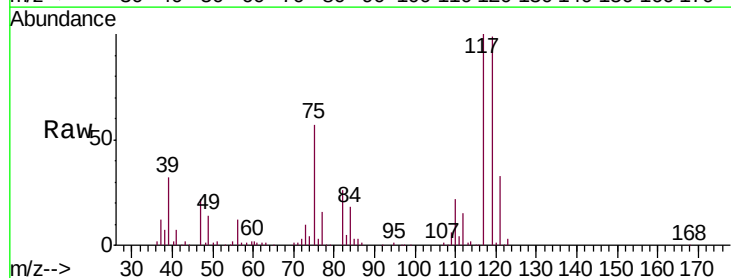
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

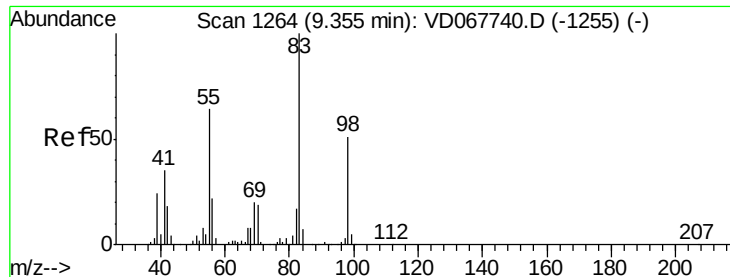
Tgt Ion: 43 Resp: 40421
 Ion Ratio Lower Upper
 43 100
 61 14.7 12.9 19.3
 70 14.6 12.2 18.2



#38
 Carbon Tetrachloride
 Concen: 46.696 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 117 Resp: 232174
 Ion Ratio Lower Upper
 117 100
 119 99.0 76.6 115.0
 121 33.0 24.5 36.7

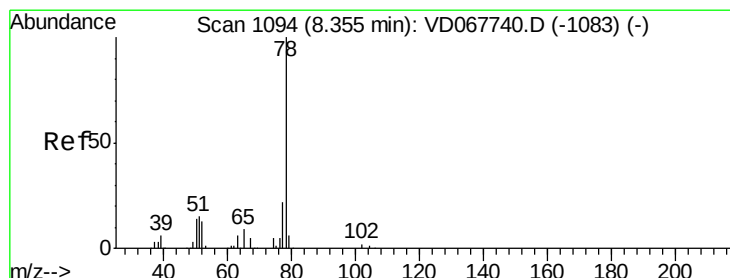
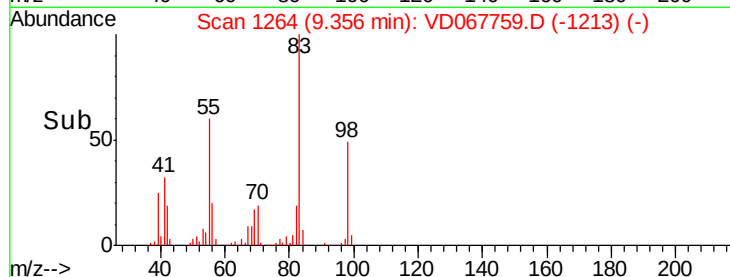
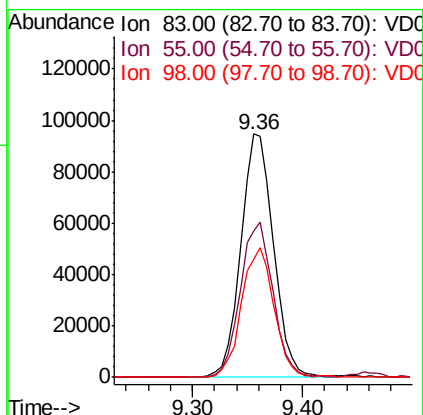
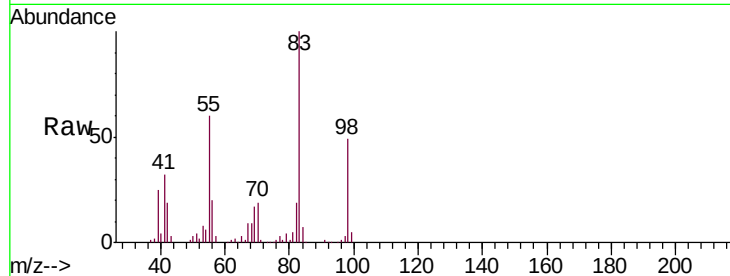




#39
Methylcyclohexane
Concen: 48.401 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

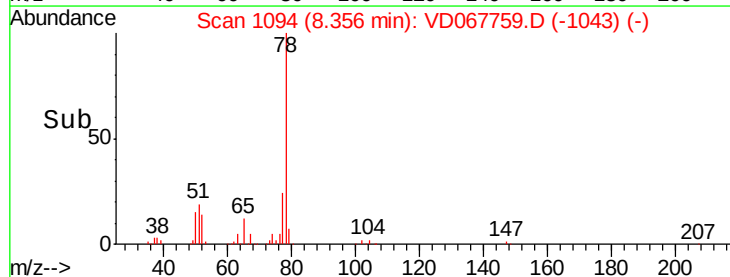
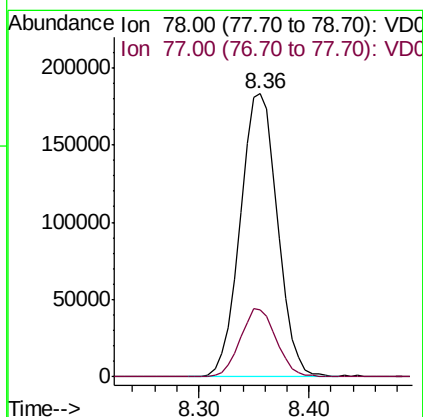
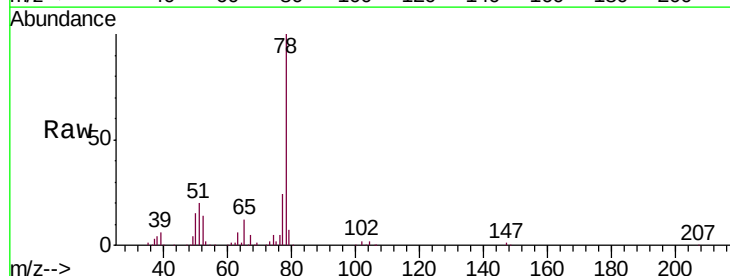
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

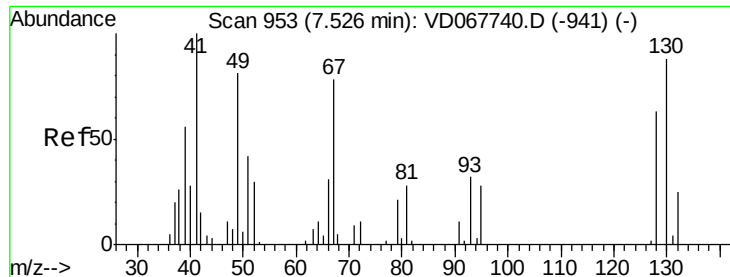
Tgt Ion: 83 Resp: 196471
Ion Ratio Lower Upper
83 100
55 60.1 51.0 76.4
98 48.8 40.4 60.6



#40
Benzene
Concen: 46.159 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 78 Resp: 434843
Ion Ratio Lower Upper
78 100
77 23.5 17.8 26.6

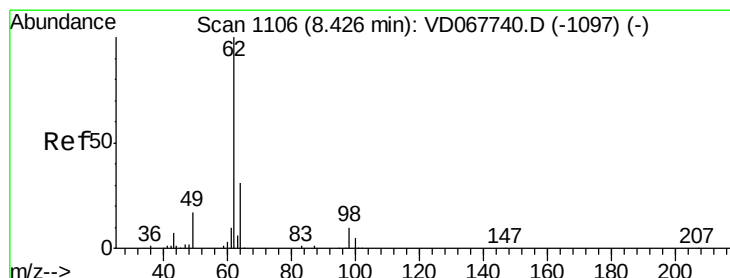
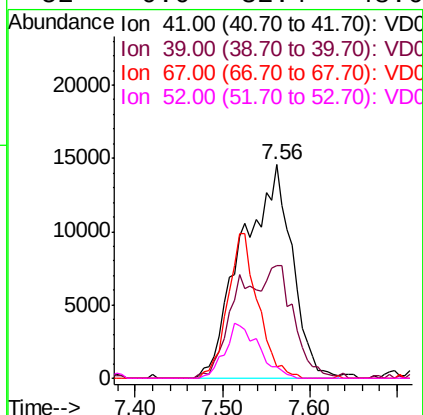
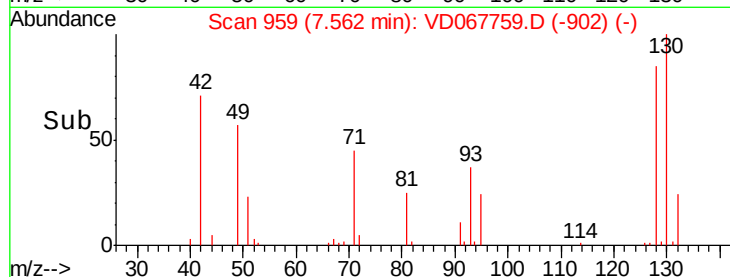
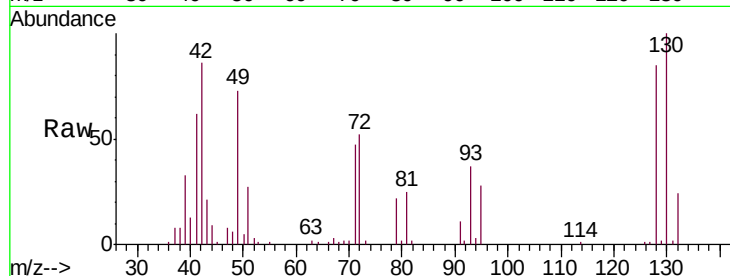




#41
Methacrylonitrile
Concen: 121.458 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

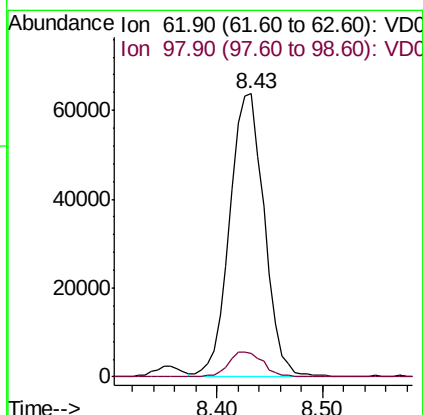
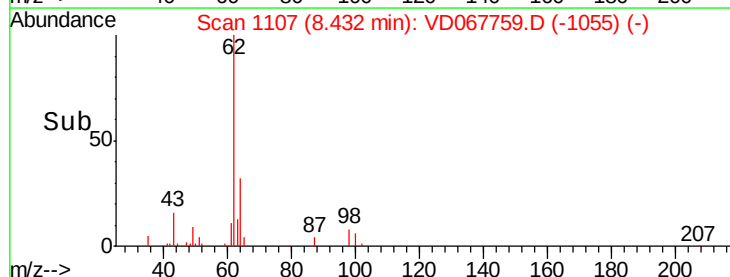
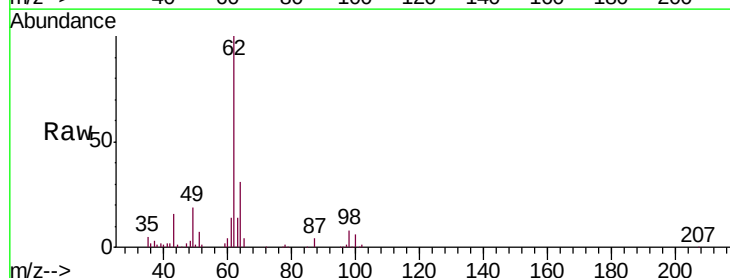
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

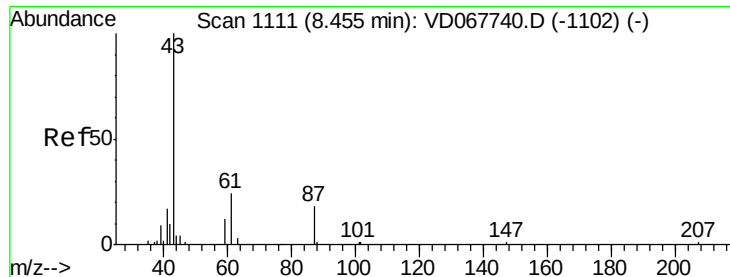
Tgt Ion: 41 Resp: 57203
Ion Ratio Lower Upper
41 100
39 30.3 50.2 75.4#
67 0.0 79.0 118.6#
52 0.0 32.4 48.6#



#42
1,2-Dichloroethane
Concen: 45.433 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 62 Resp: 145223
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 45.824 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

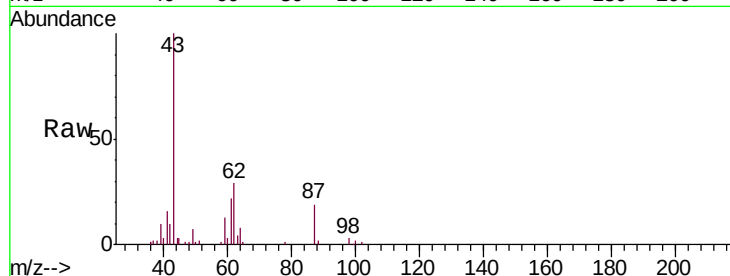
Tgt Ion: 43 Resp: 84402

Ion Ratio Lower Upper

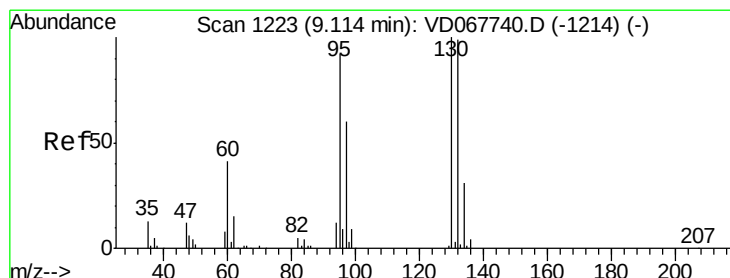
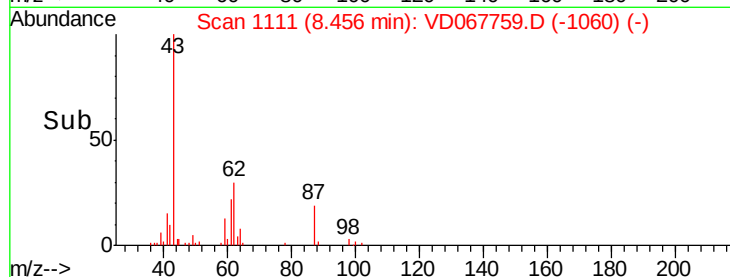
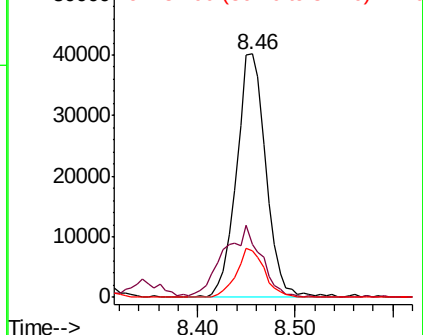
43 100

61 37.9 30.2 45.4

87 19.1 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: 46.346 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067759.D

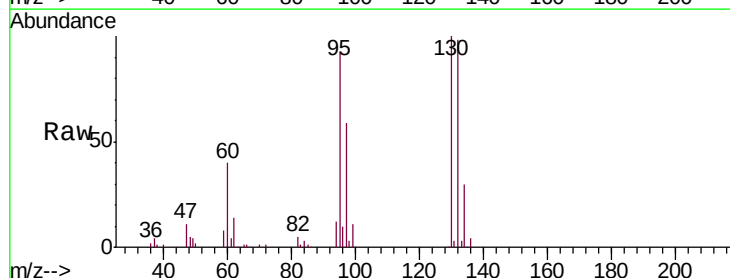
Acq: 24 Nov 2020 10:29

Tgt Ion: 130 Resp: 144703

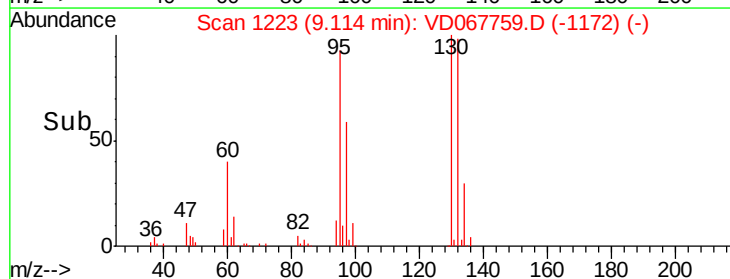
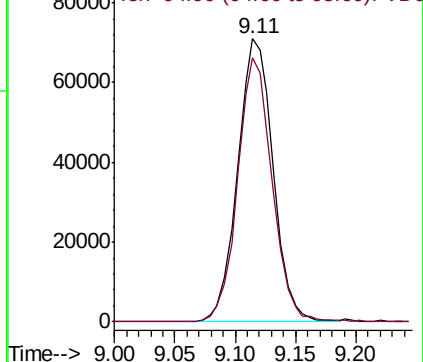
Ion Ratio Lower Upper

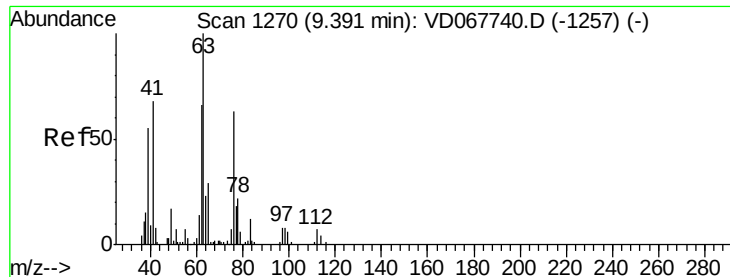
130 100

95 93.2 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 45.255 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

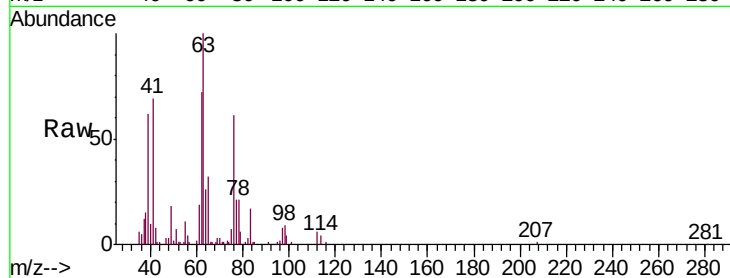
VSTDCCC050

Tgt Ion: 63 Resp: 87478

Ion Ratio Lower Upper

63 100

65 32.2 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

50000

40000

30000

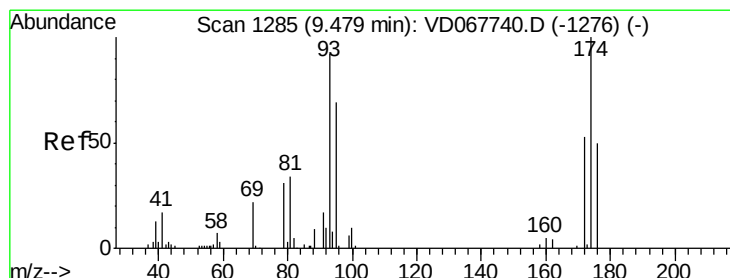
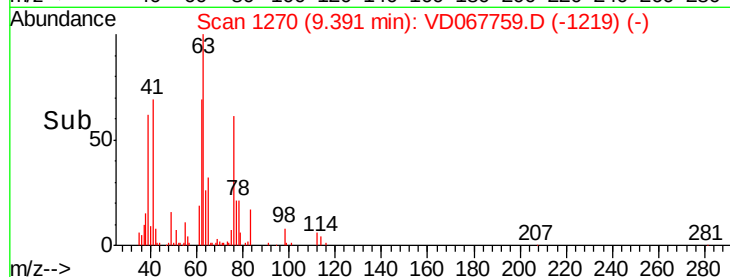
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#46

Dibromomethane

Concen: 45.862 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

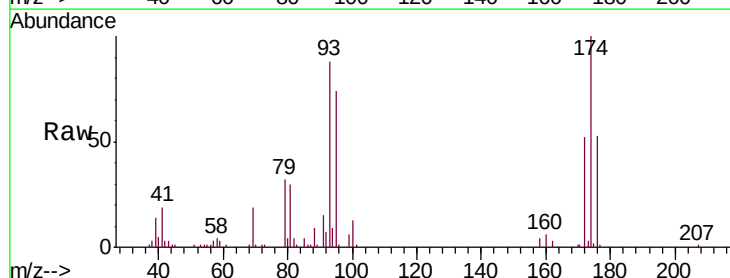
Tgt Ion: 93 Resp: 60355

Ion Ratio Lower Upper

93 100

95 81.4 63.4 95.2

174 115.5 89.6 134.4



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

40000

30000

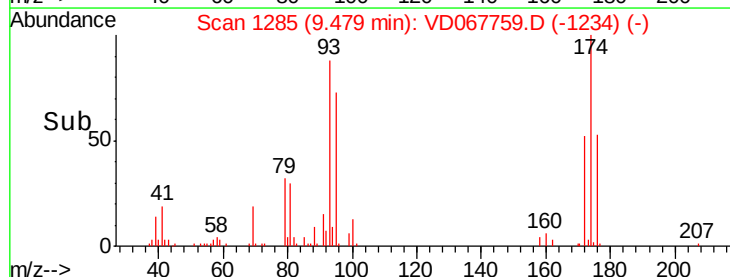
20000

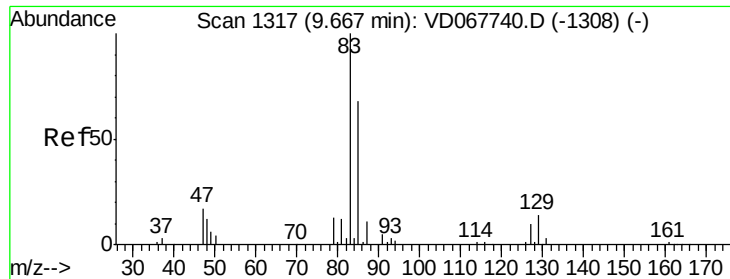
10000

0

9.40 9.45 9.50 9.55 9.60

Time-->





#47

Bromodichloromethane

Concen: 46.104 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

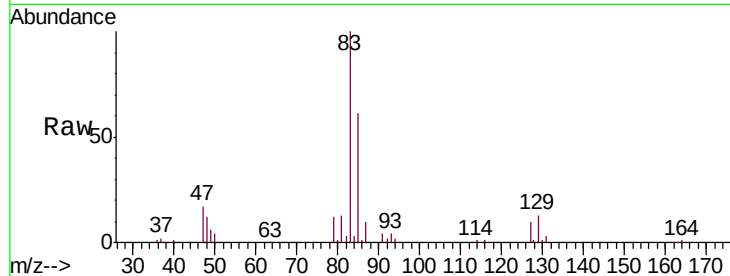
Tgt Ion: 83 Resp: 168956

Ion Ratio Lower Upper

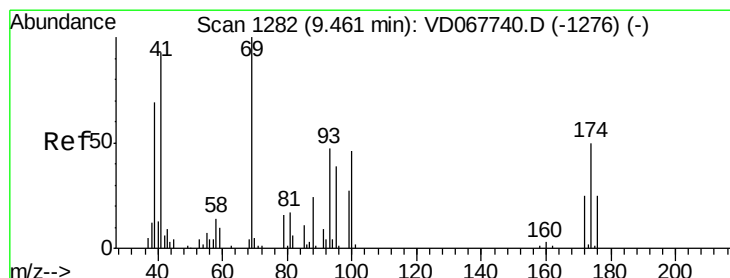
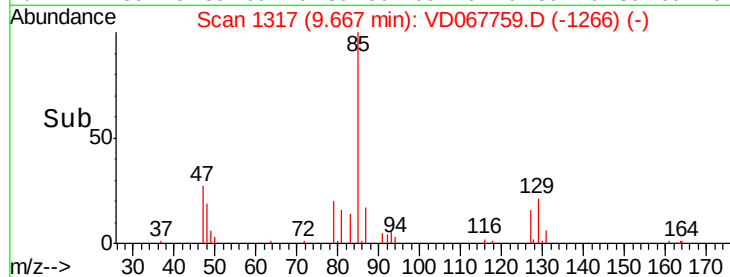
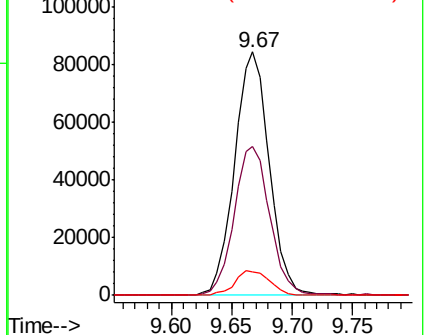
83 100

85 61.4 54.2 81.2

127 9.9 7.6 11.4



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: 44.039 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

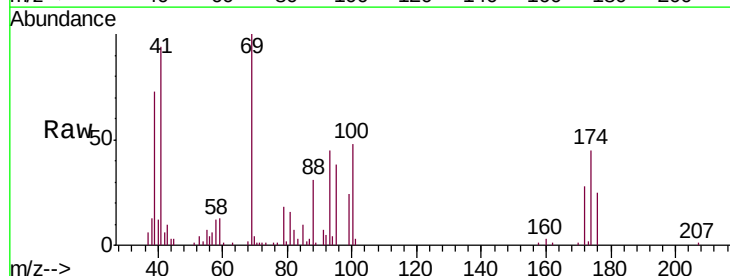
Tgt Ion: 41 Resp: 40553

Ion Ratio Lower Upper

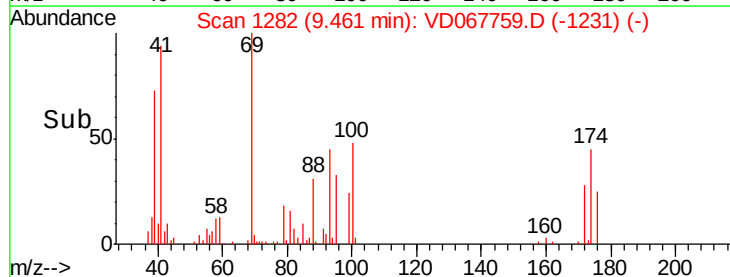
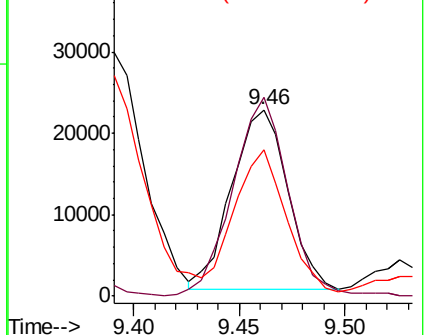
41 100

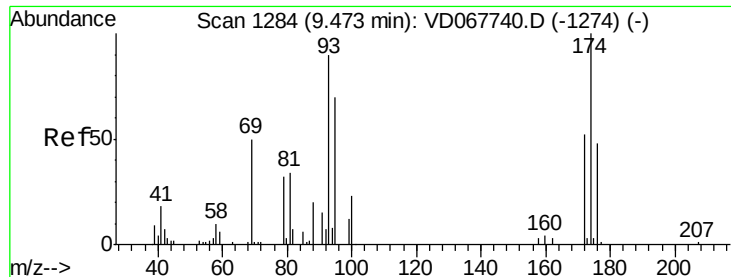
69 109.9 87.8 131.6

39 72.0 60.5 90.7



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: 897.988 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

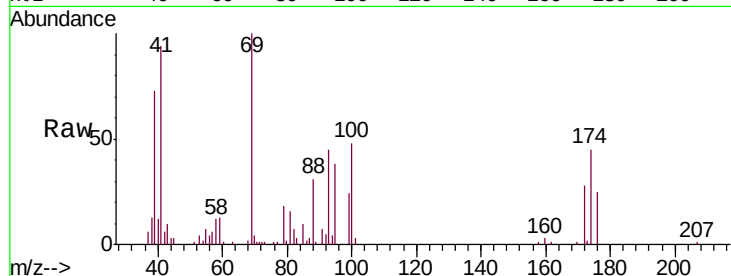
Tgt Ion: 88 Resp: 12807

Ion Ratio Lower Upper

88 100

43 30.3 25.2 37.8

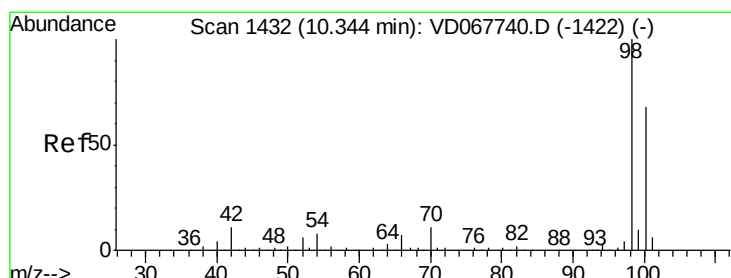
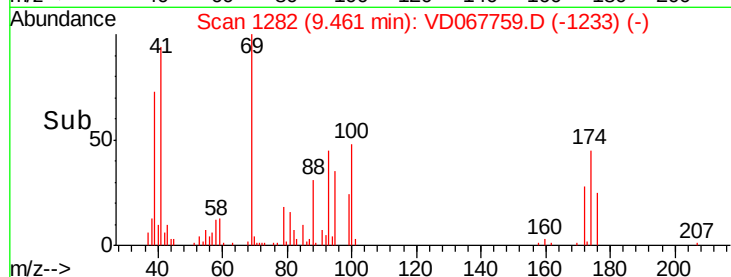
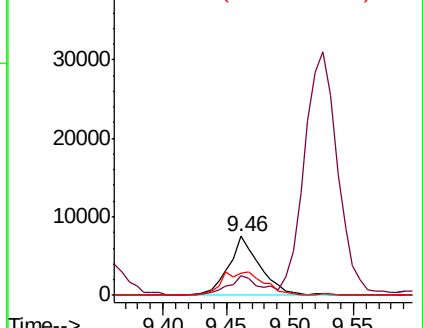
58 54.2 48.2 72.2



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: 50.881 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067759.D

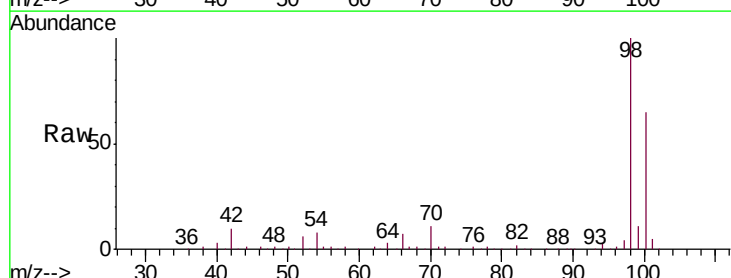
Acq: 24 Nov 2020 10:29

Tgt Ion: 98 Resp: 473217

Ion Ratio Lower Upper

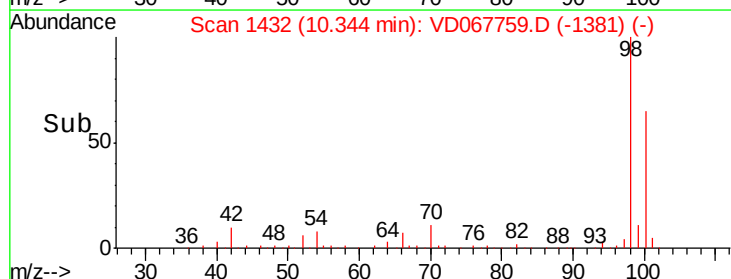
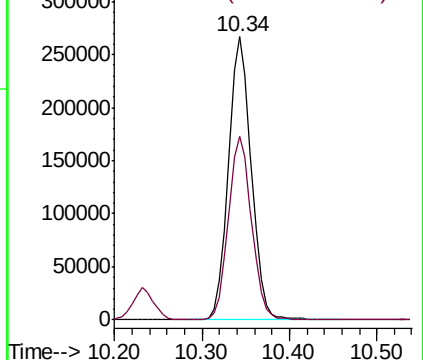
98 100

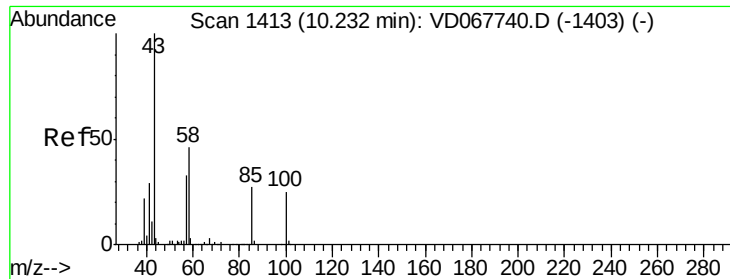
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

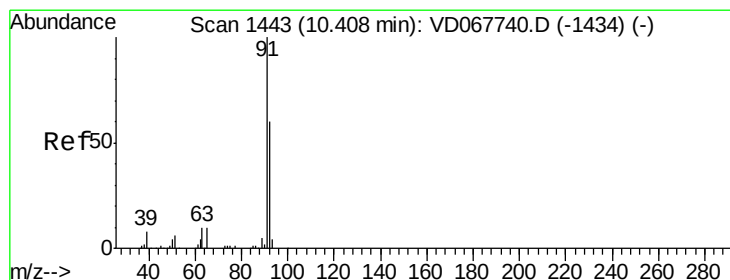
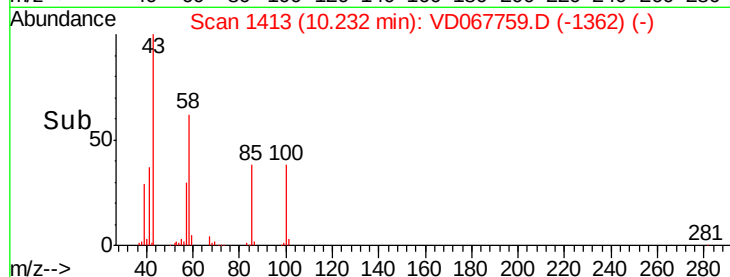
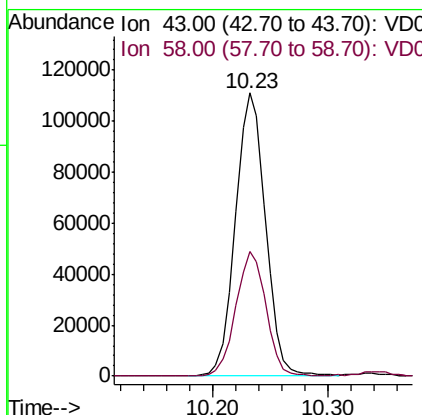
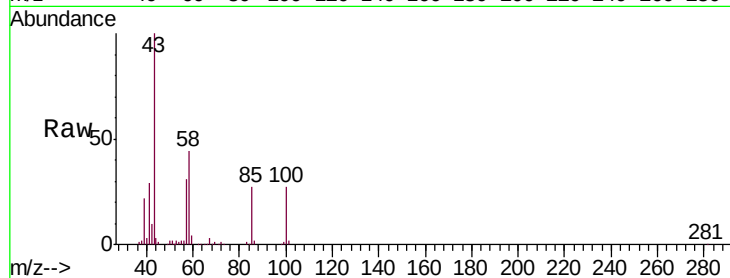




#51
 4-Methyl-2-Pentanone
 Concen: 231.234 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

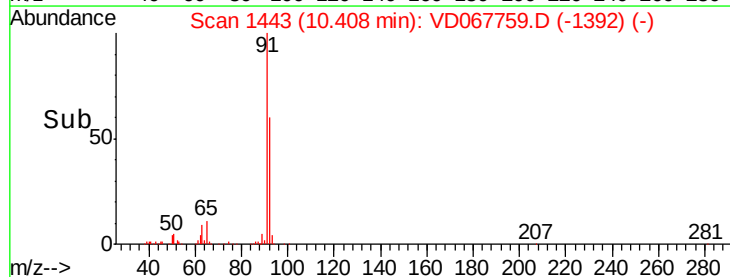
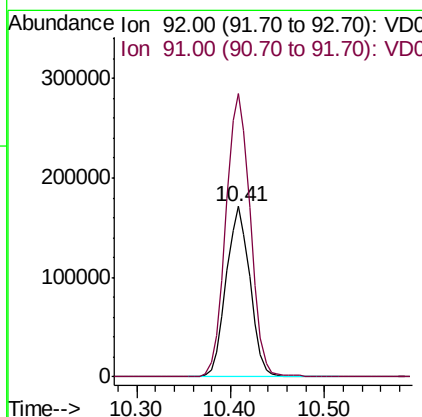
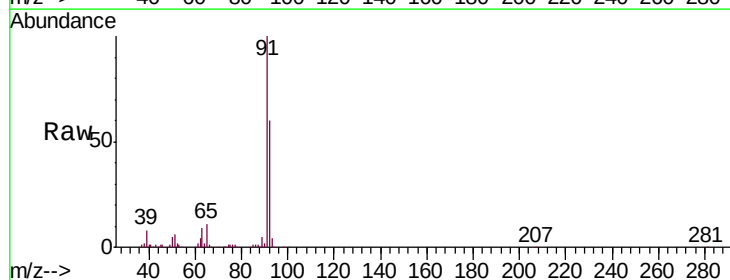
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

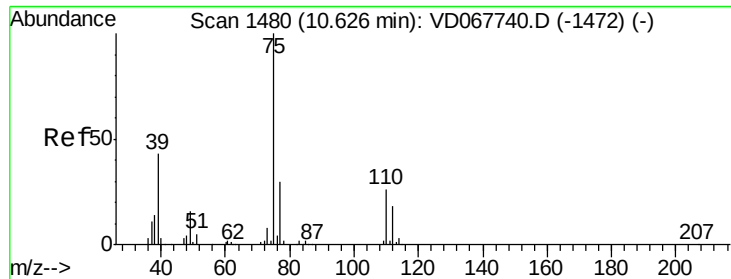
Tgt Ion: 43 Resp: 200412
 Ion Ratio Lower Upper
 43 100
 58 44.1 34.7 52.1



#52
 Toluene
 Concen: 47.448 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 92 Resp: 303229
 Ion Ratio Lower Upper
 92 100
 91 170.0 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 46.048 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

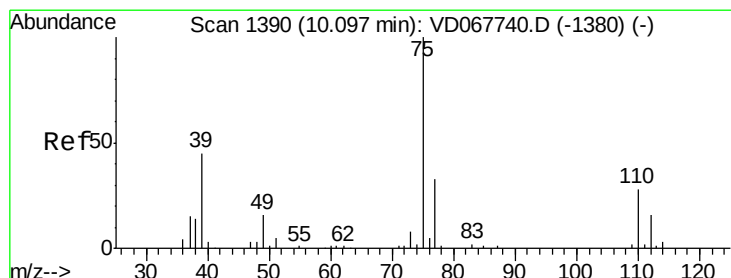
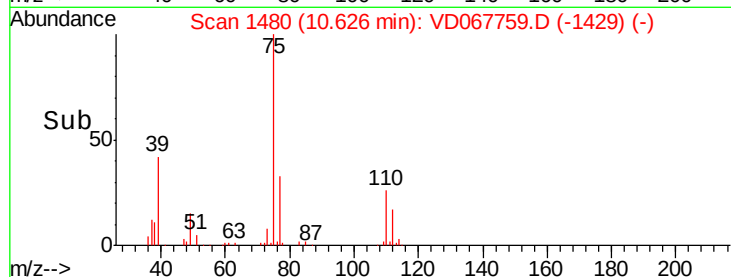
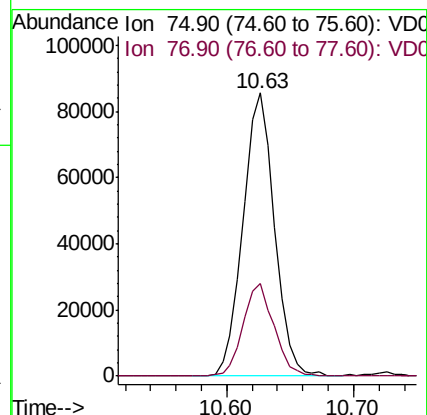
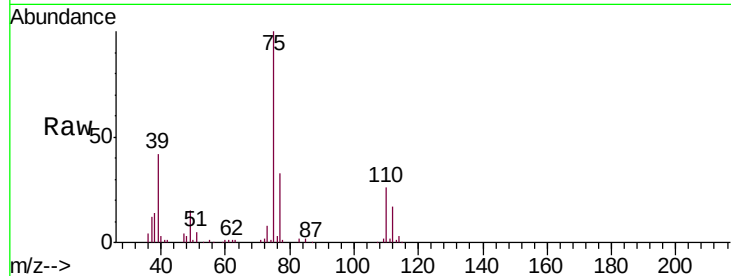
VSTDCCC050

Tgt Ion: 75 Resp: 147430

Ion Ratio Lower Upper

75 100

77 32.7 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 47.359 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

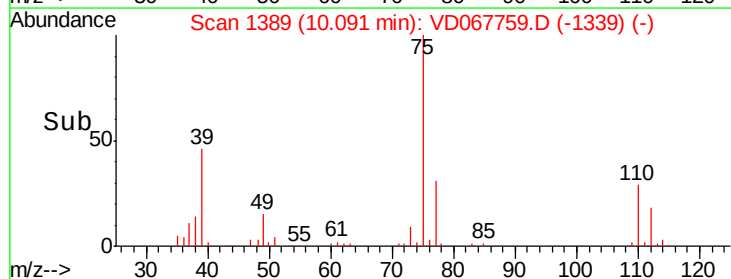
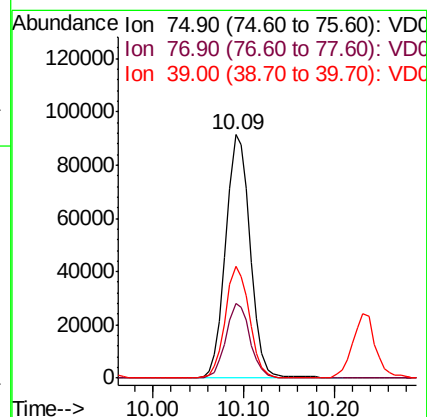
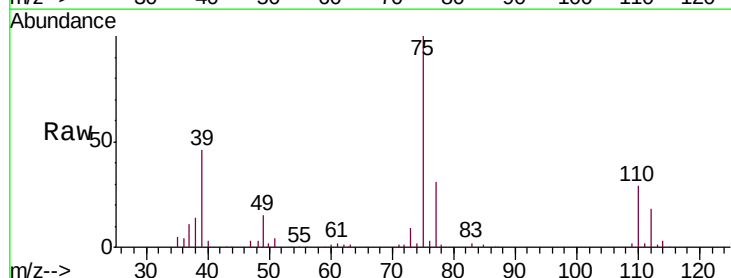
Tgt Ion: 75 Resp: 171598

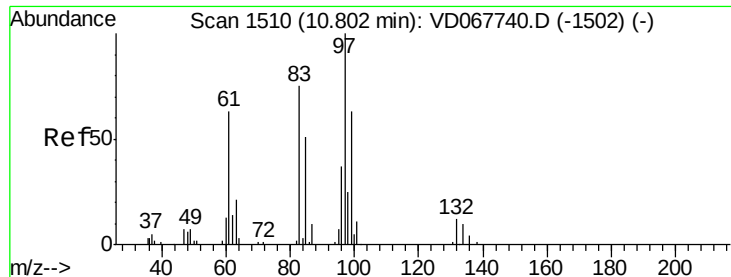
Ion Ratio Lower Upper

75 100

77 30.7 26.1 39.1

39 45.7 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 43.988 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 77672

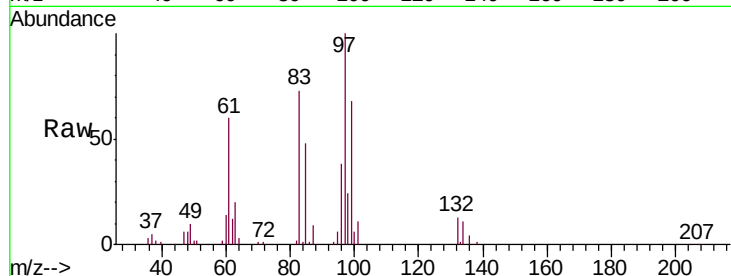
Ion Ratio Lower Upper

97 100

83 73.3 60.2 90.4

85 48.2 40.5 60.7

99 67.8 50.6 76.0

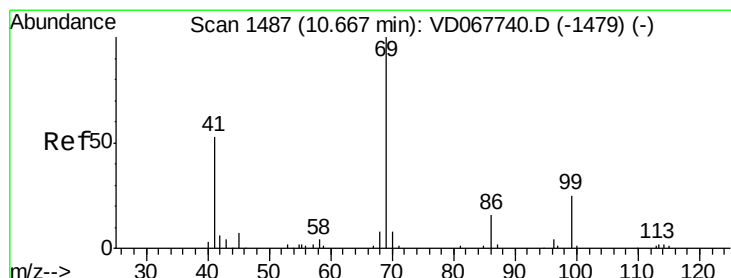
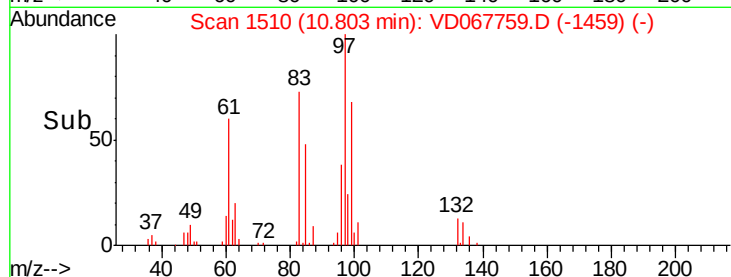
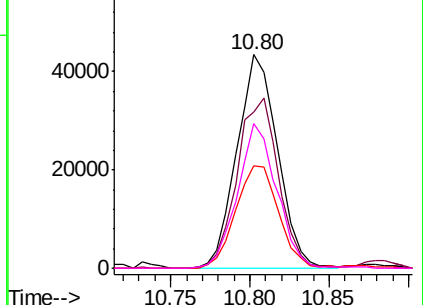


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 45.809 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

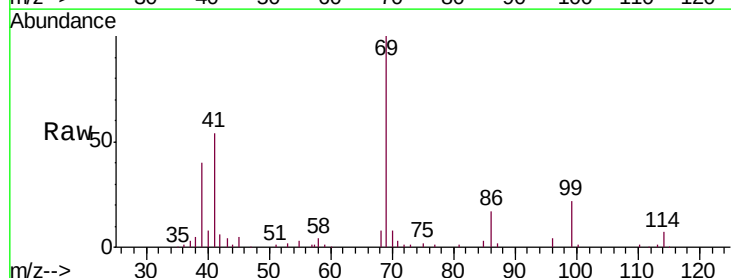
Tgt Ion: 69 Resp: 83745

Ion Ratio Lower Upper

69 100

41 55.6 43.4 65.0

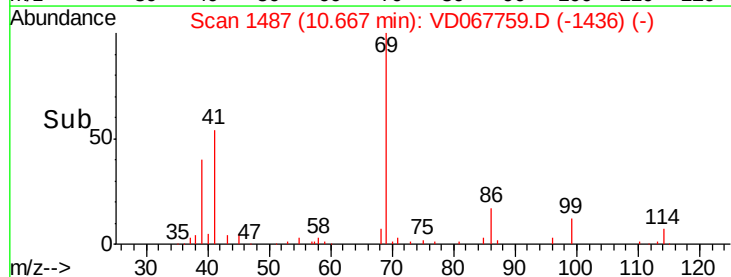
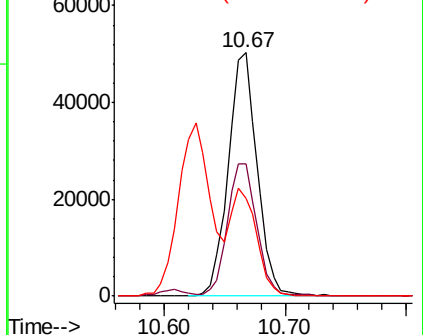
39 39.2 29.6 44.4

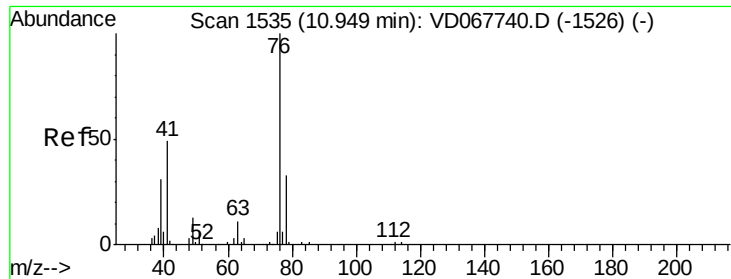


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

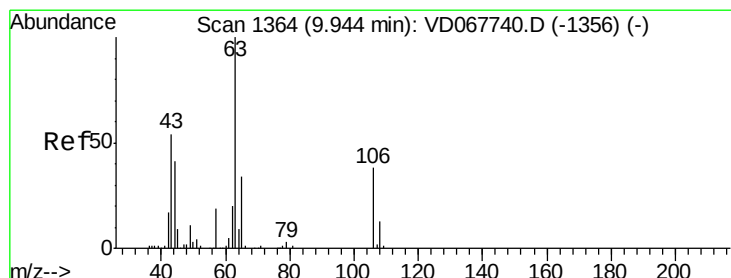
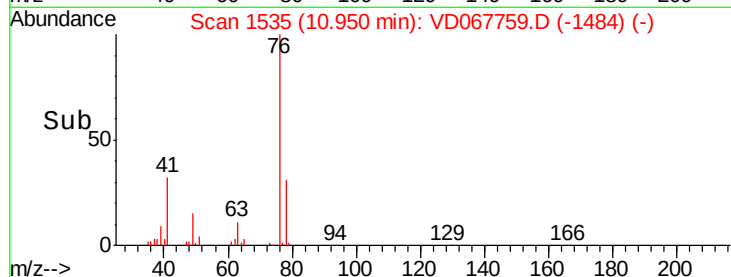
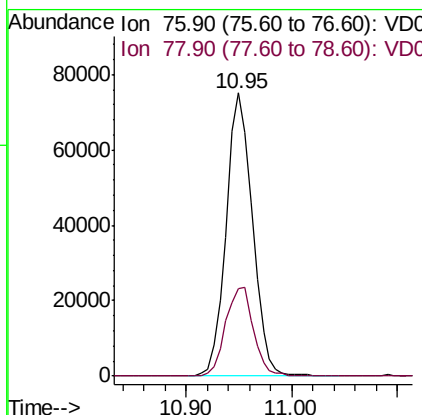
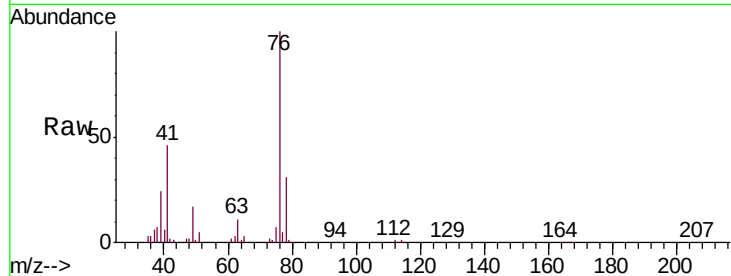




#57
 1,3-Dichloropropane
 Concen: 46.392 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

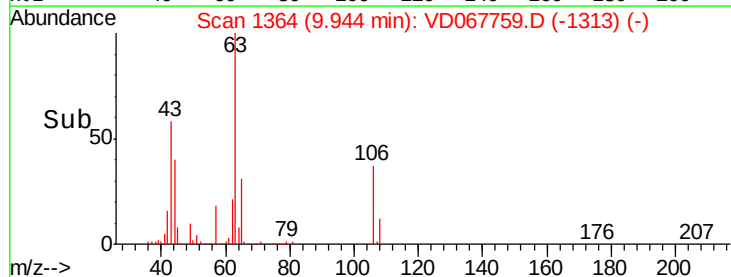
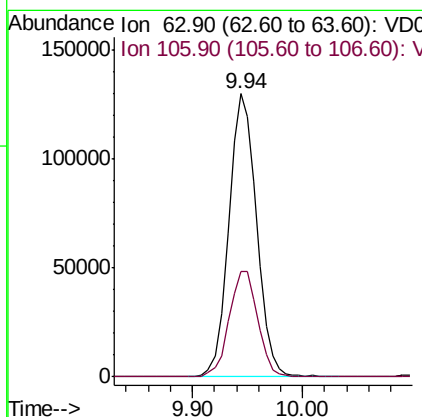
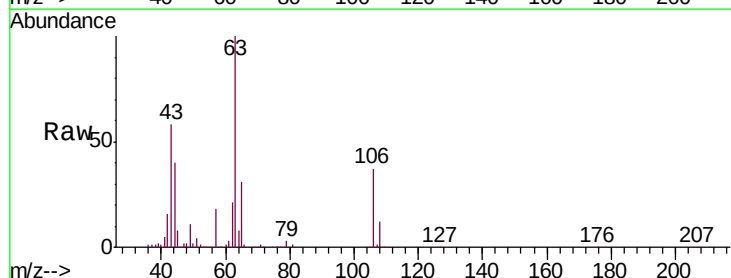
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

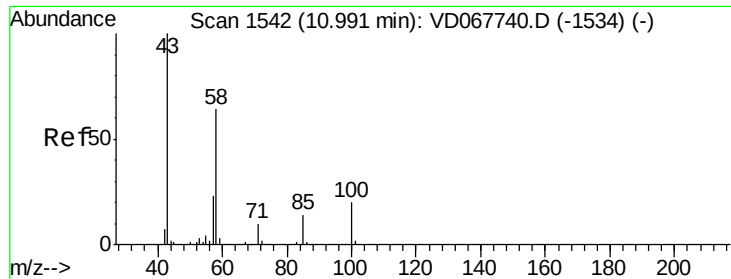
Tgt Ion: 76 Resp: 129159
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.438 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 63 Resp: 228443
 Ion Ratio Lower Upper
 63 100
 106 38.5 31.0 46.6

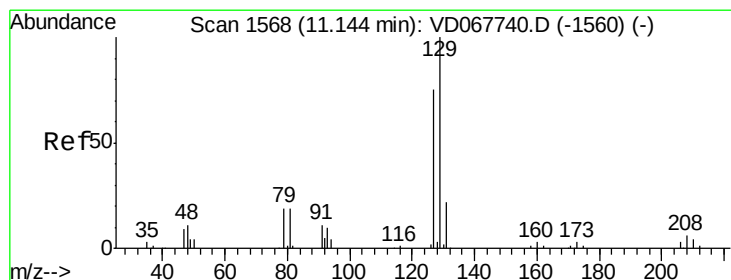
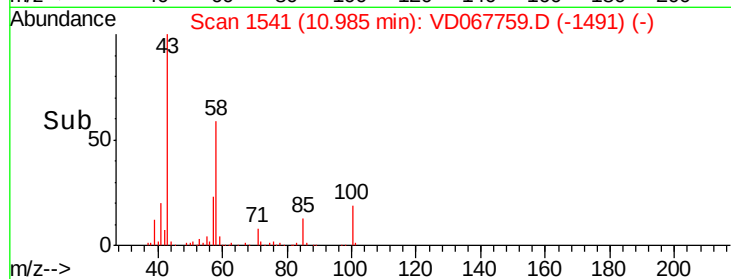
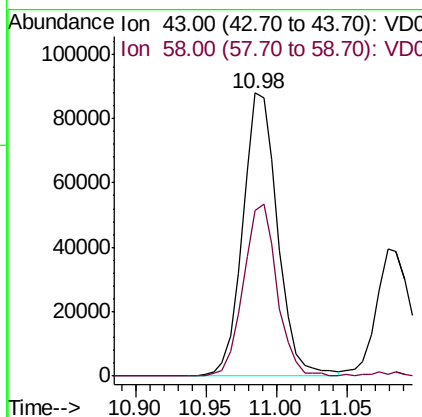
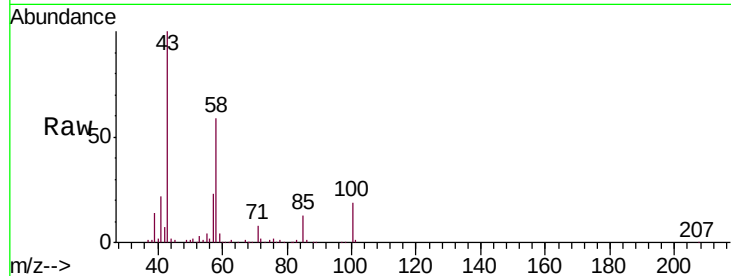




#59
2-Hexanone
Concen: 248.468 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

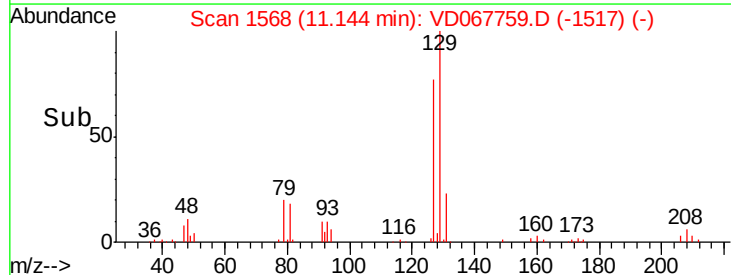
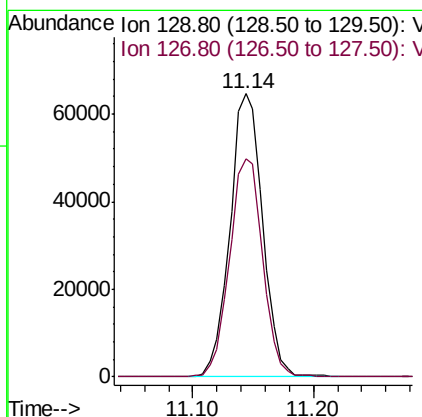
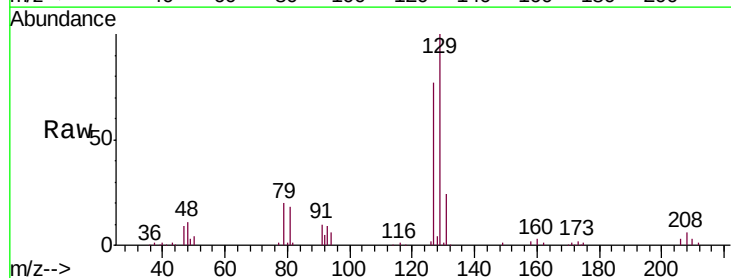
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

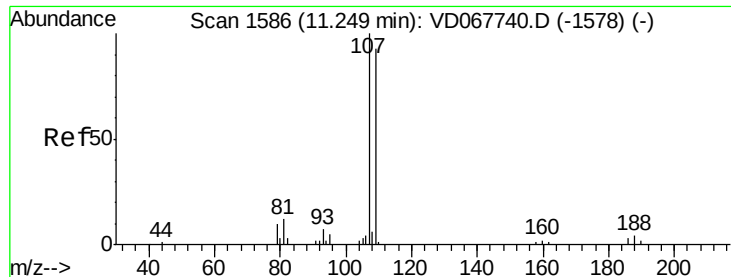
Tgt Ion: 43 Resp: 152043
Ion Ratio Lower Upper
43 100
58 58.5 30.5 91.5



#60
Dibromochloromethane
Concen: 45.148 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 129 Resp: 121481
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7

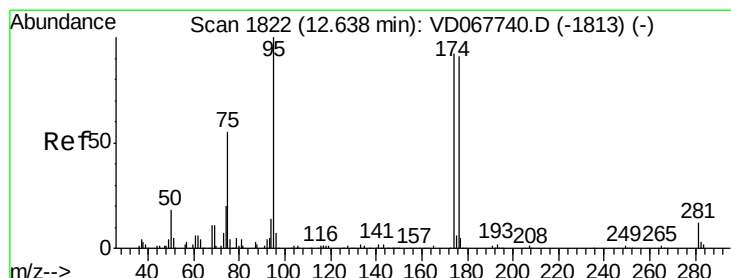
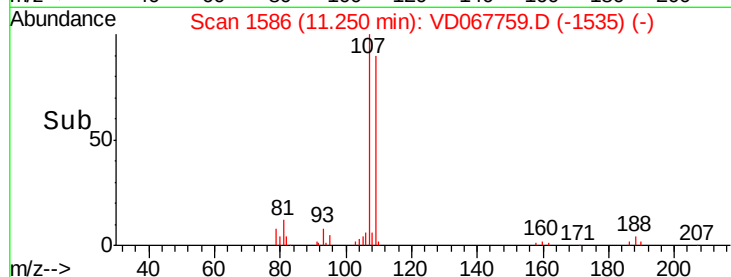
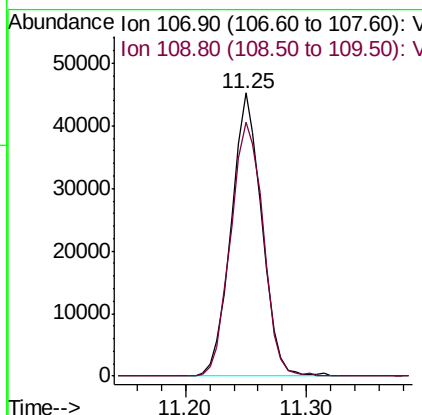
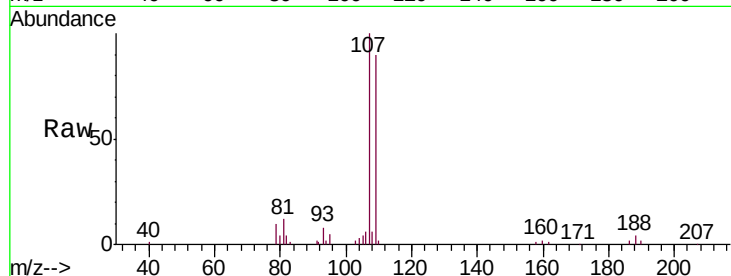




#61
 1,2-Dibromoethane
 Concen: 45.792 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

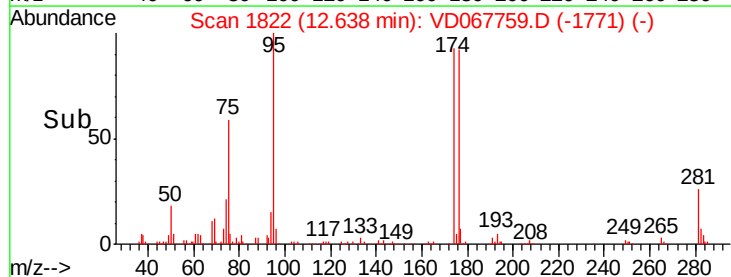
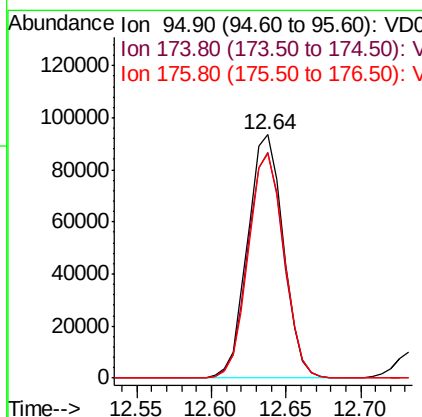
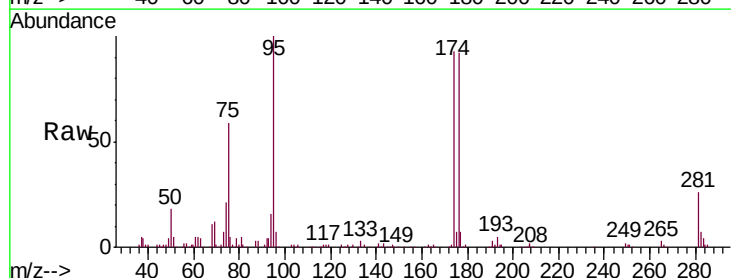
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

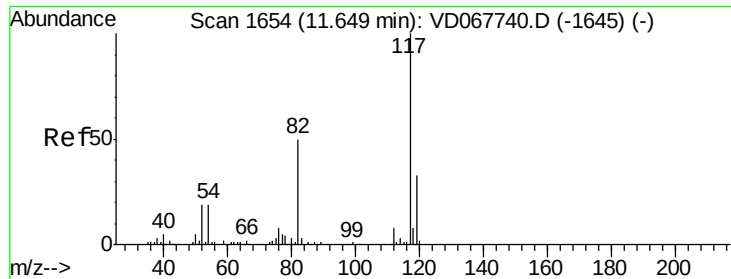
Tgt Ion: 107 Resp: 79670
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.735 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 95 Resp: 154925
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 182.4
 176 91.7 0.0 178.2

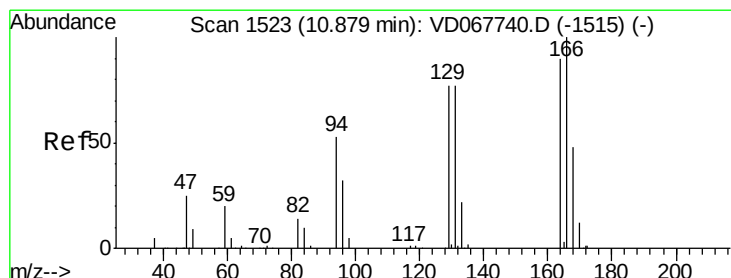
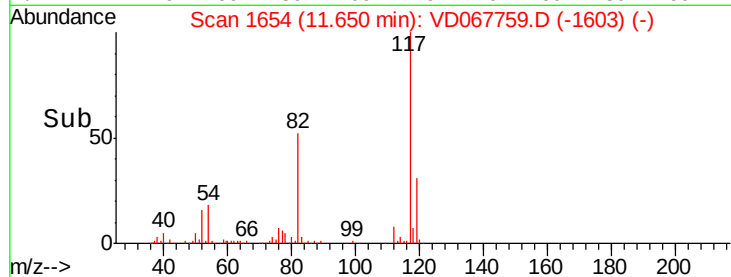
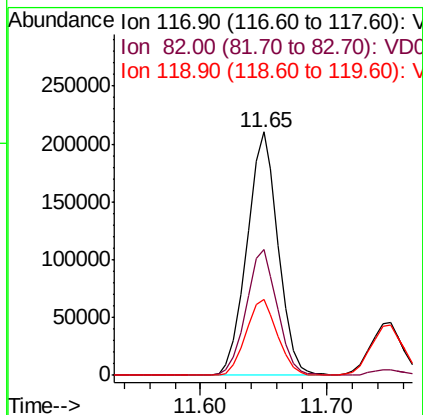
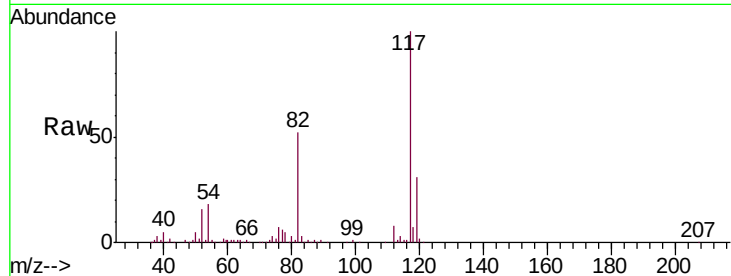




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

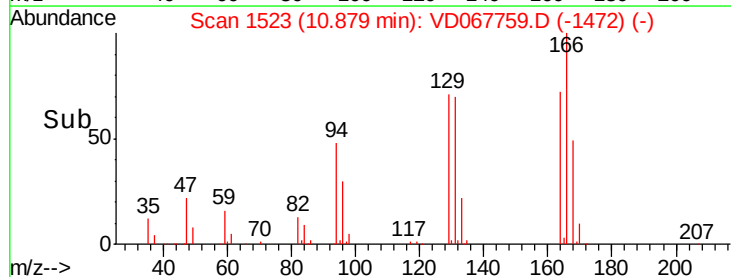
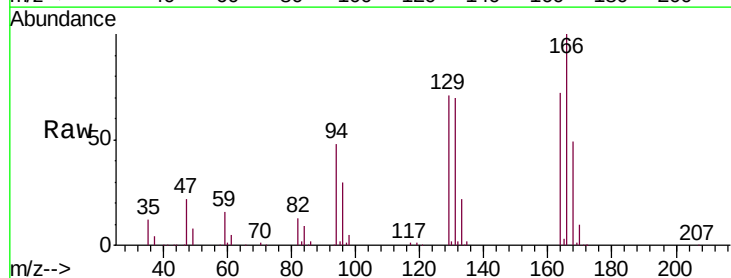
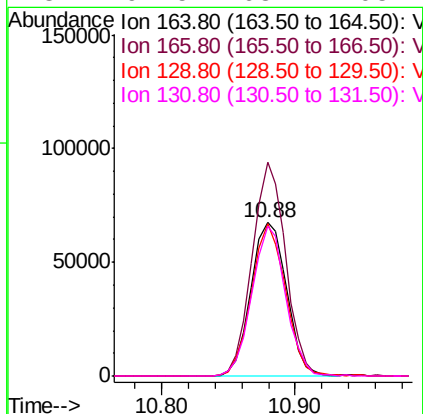
Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

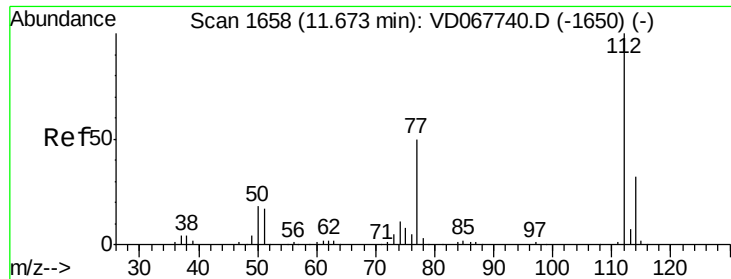
Tgt Ion:117 Resp: 358717
Ion Ratio Lower Upper
117 100
82 51.8 40.2 60.4
119 31.4 26.5 39.7



#64
Tetrachloroethene
Concen: 44.744 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion:164 Resp: 124575
Ion Ratio Lower Upper
164 100
166 139.1 89.2 133.8#
129 99.0 68.4 102.6
131 97.5 68.7 103.1

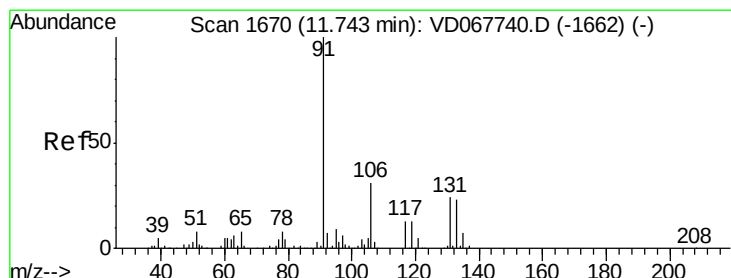
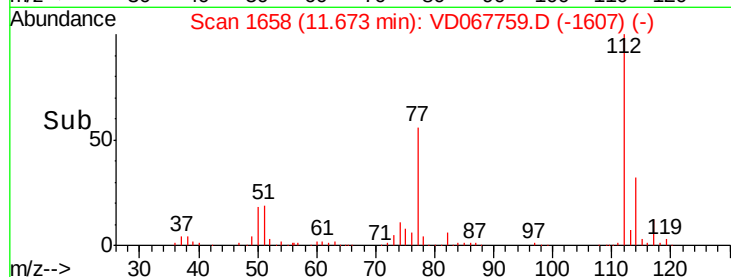
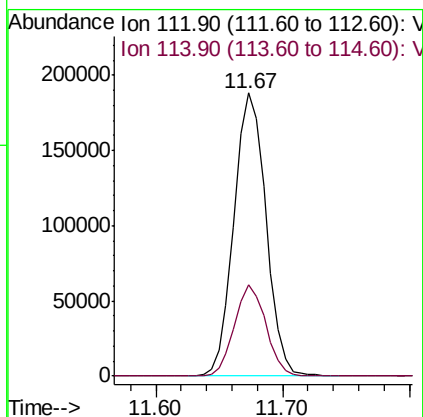
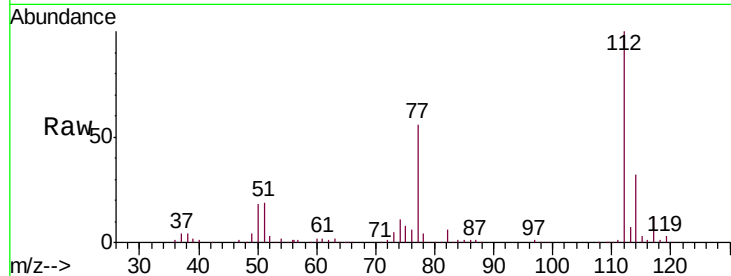




#65
Chlorobenzene
Concen: 46.766 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

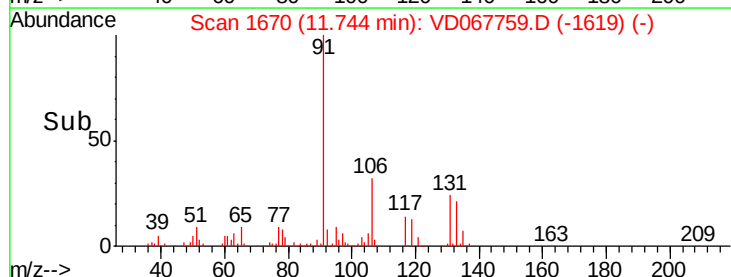
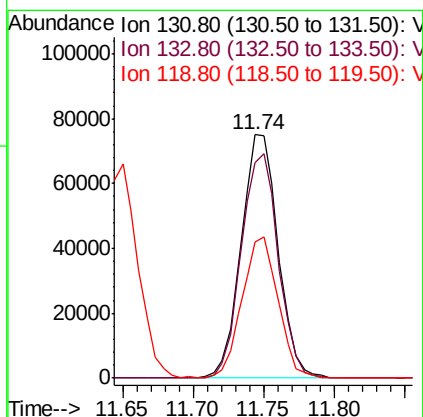
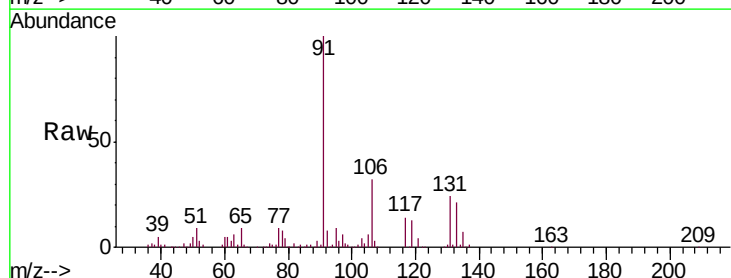
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

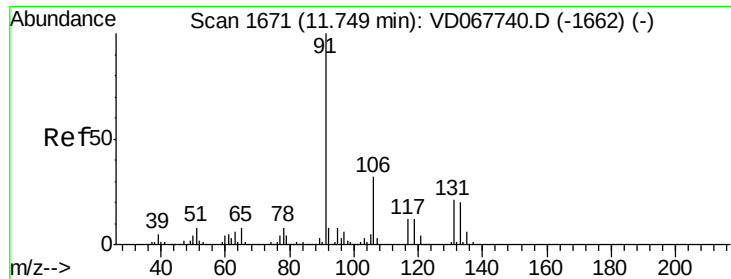
Tgt Ion:112 Resp: 329713
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.242 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion:131 Resp: 137582
Ion Ratio Lower Upper
131 100
133 92.4 49.0 147.0
119 57.0 28.8 86.5





#67

Ethyl Benzene

Concen: 47.648 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

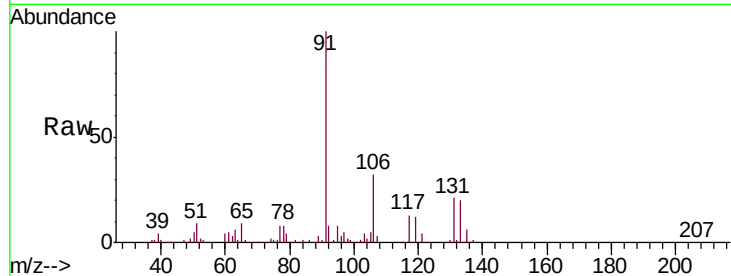
VSTDCCC050

Tgt Ion: 91 Resp: 579946

Ion Ratio Lower Upper

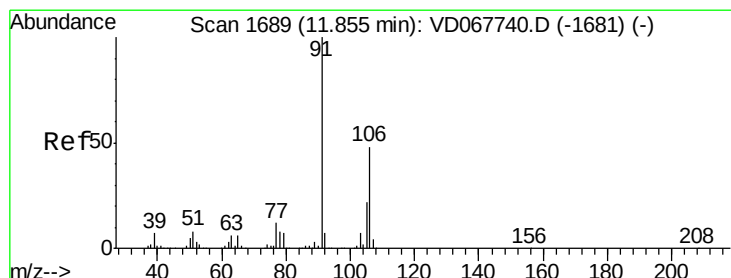
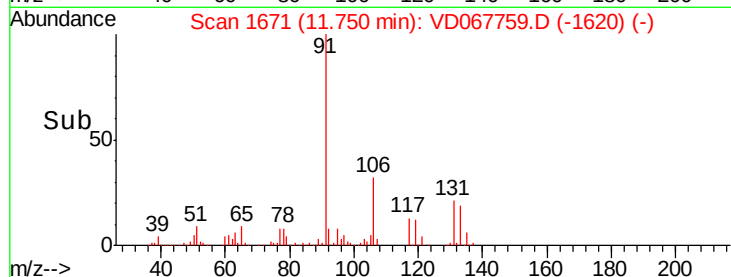
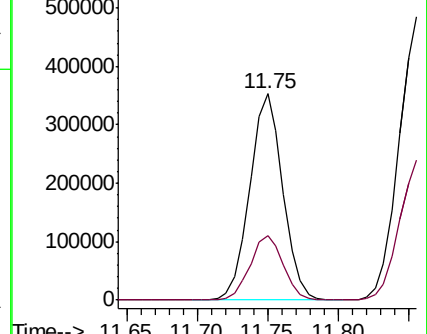
91 100

106 31.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 96.283 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067759.D

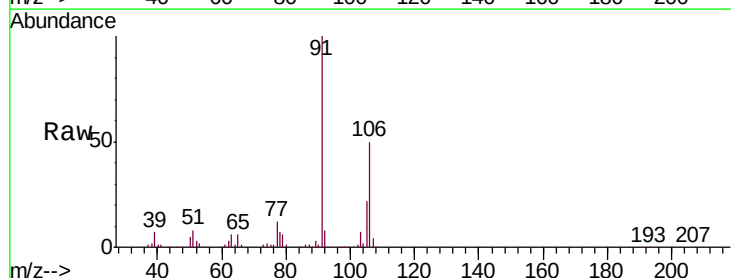
Acq: 24 Nov 2020 10:29

Tgt Ion: 106 Resp: 456043

Ion Ratio Lower Upper

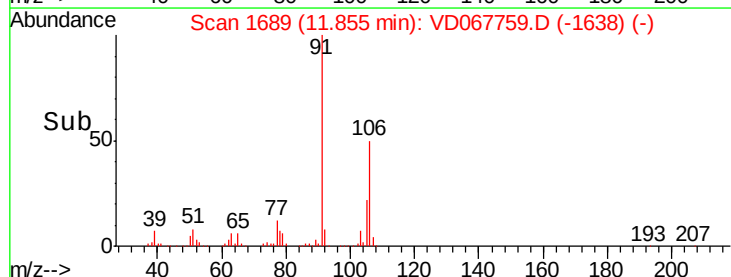
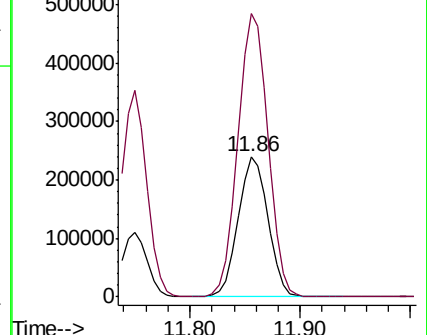
106 100

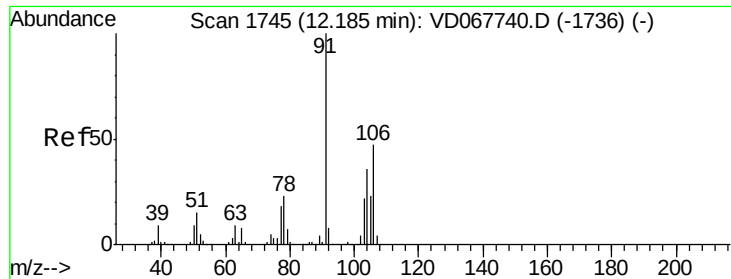
91 204.2 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

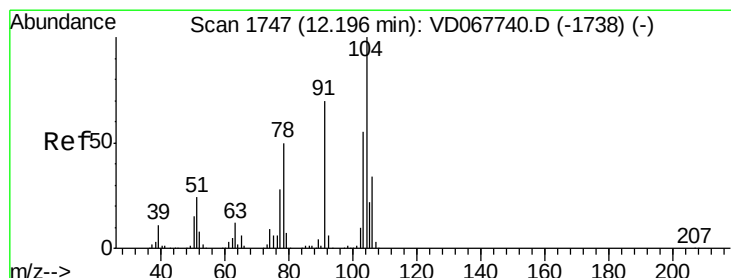
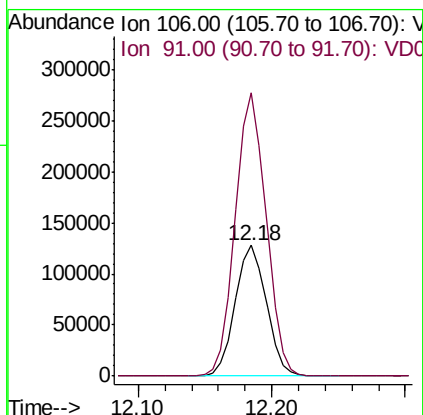
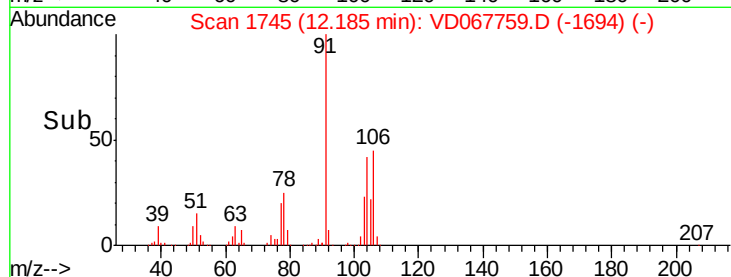
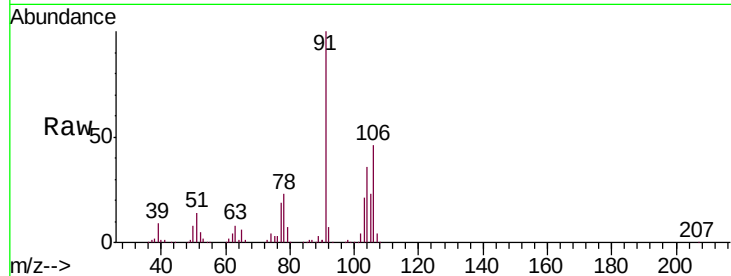




#69
o-Xylene
Concen: 48.121 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

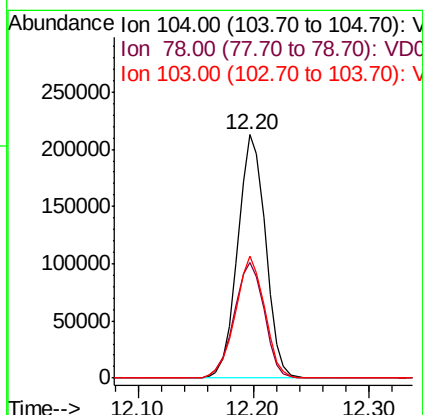
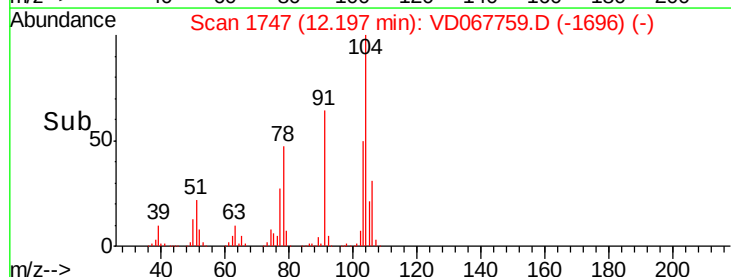
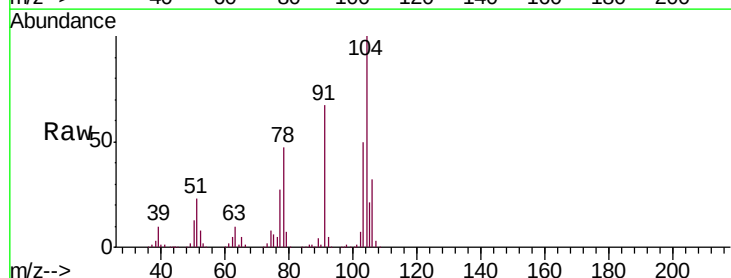
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

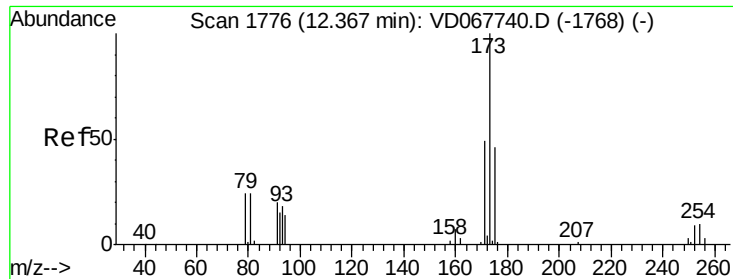
Tgt Ion:106 Resp: 207522
Ion Ratio Lower Upper
106 100
91 215.4 106.2 318.6



#70
Styrene
Concen: 48.445 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion:104 Resp: 355858
Ion Ratio Lower Upper
104 100
78 51.2 41.9 62.9
103 52.7 44.1 66.1





#71

Bromoform

Concen: 45.743 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

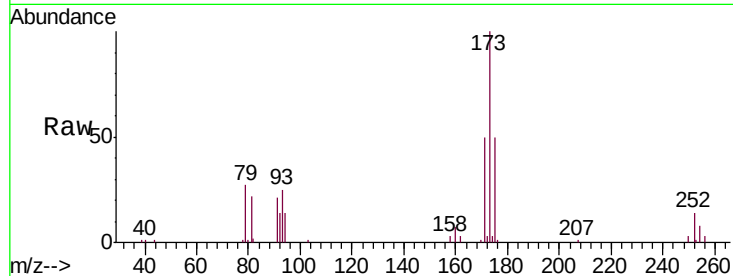
Tgt Ion:173 Resp: 70818

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.7

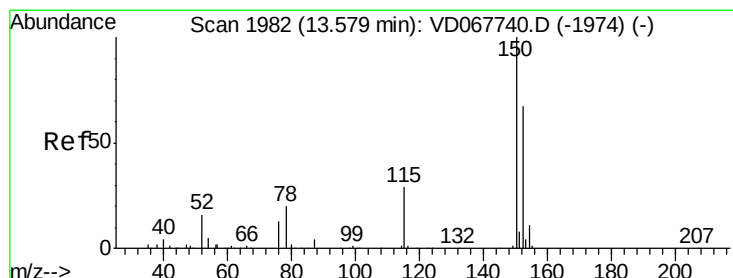
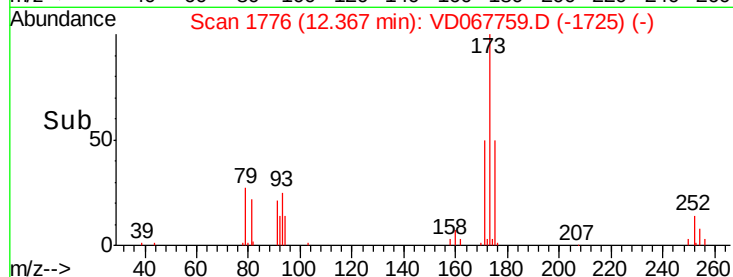
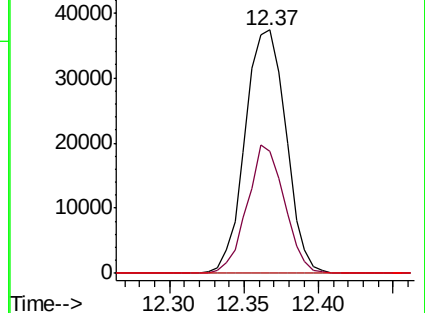
254 0.0 0.0 0.0



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. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

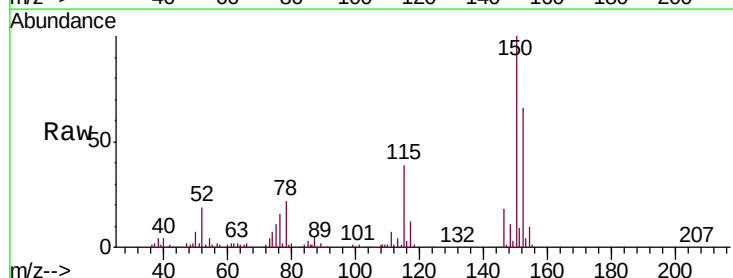
Tgt Ion:152 Resp: 182544

Ion Ratio Lower Upper

152 100

115 60.1 29.4 88.3

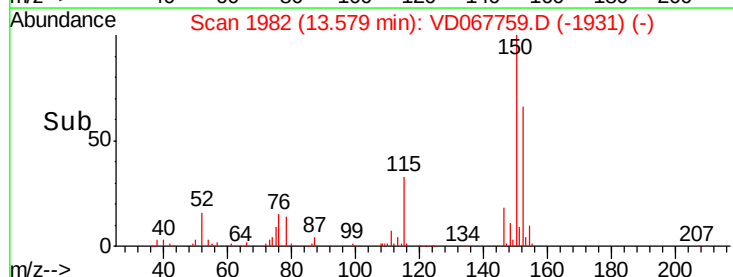
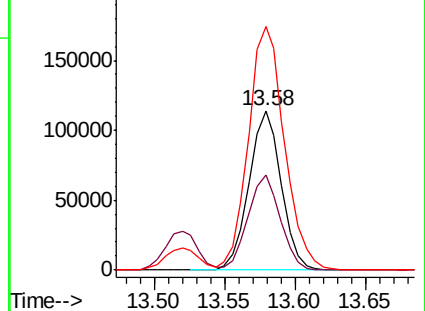
150 171.0 0.0 340.6

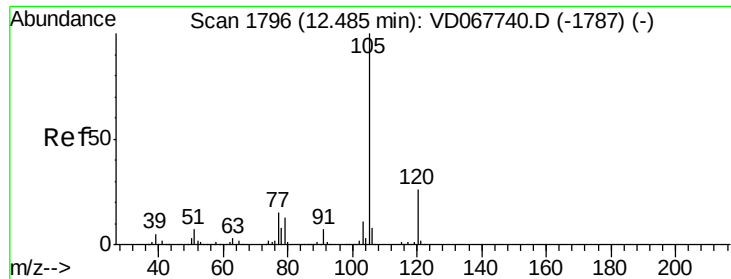


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.101 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

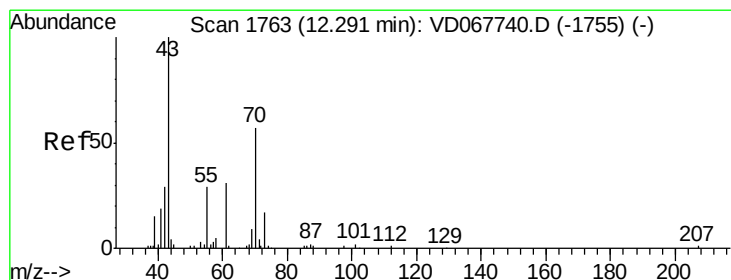
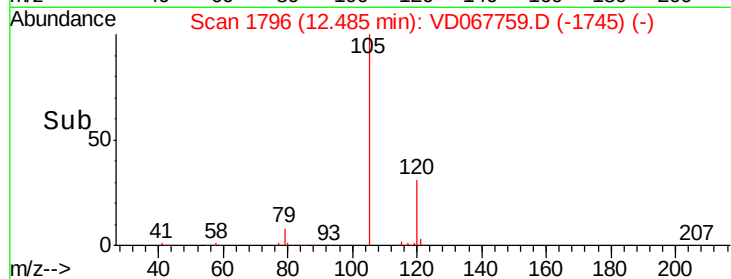
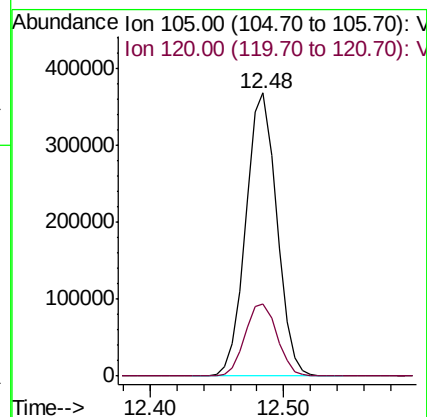
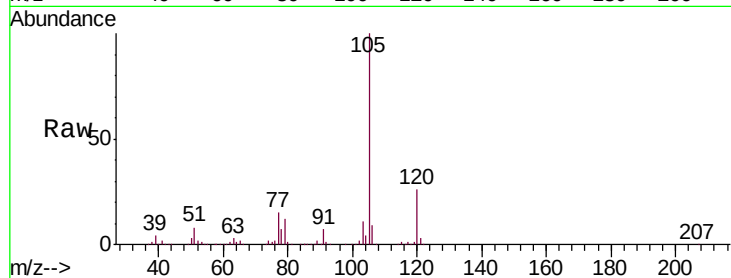
VSTDCCC050

Tgt Ion:105 Resp: 589737

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 44.496 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Tgt Ion: 43 Resp: 70477

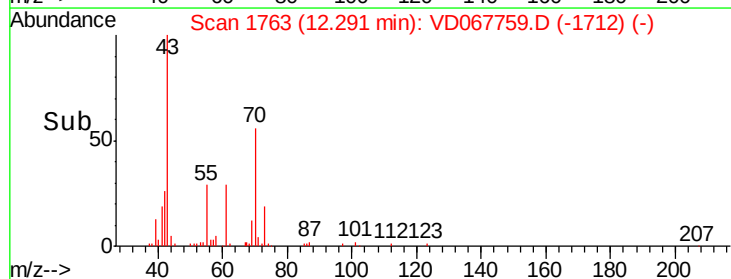
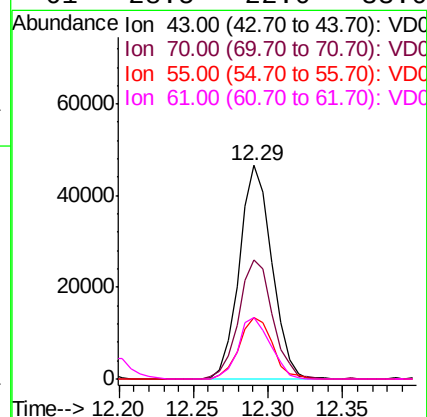
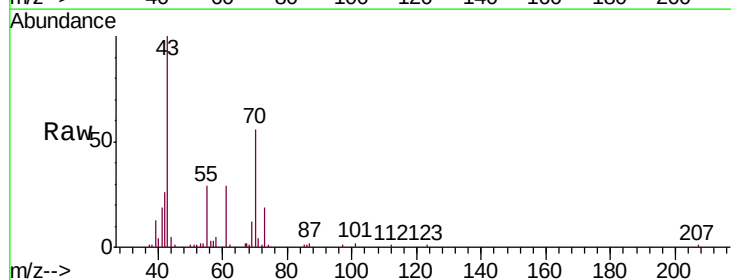
Ion Ratio Lower Upper

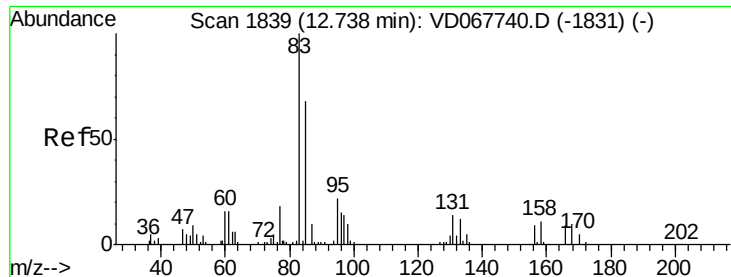
43 100

70 57.9 44.6 66.8

55 29.7 24.2 36.2

61 28.5 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.595 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

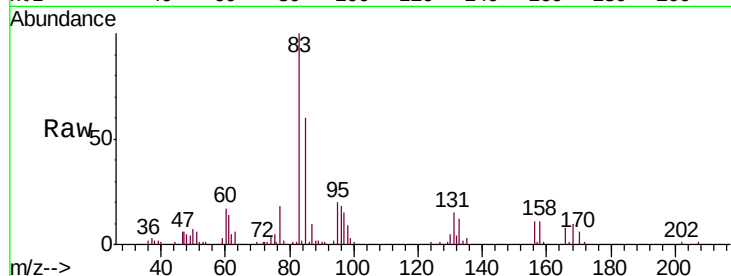
Tgt Ion: 83 Resp: 73495

Ion Ratio Lower Upper

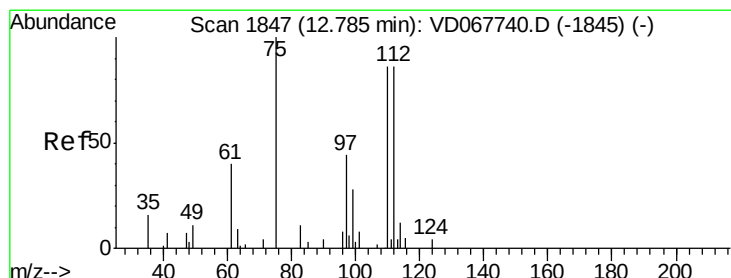
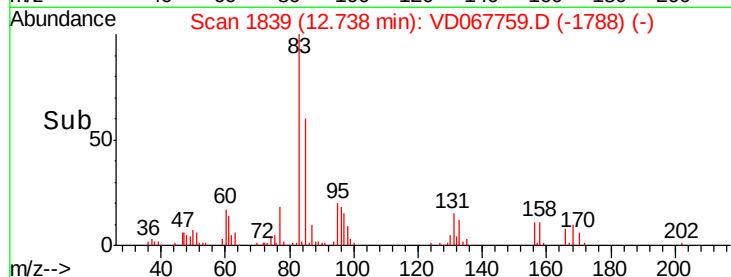
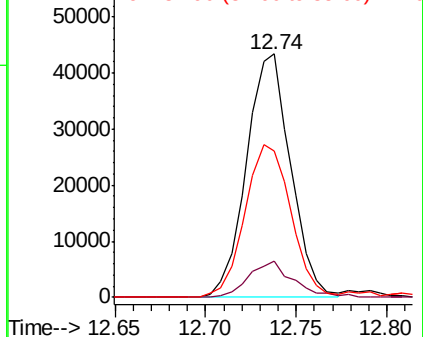
83 100

131 14.9 8.1 24.1

85 65.1 33.9 101.7



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: 85.959 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067759.D

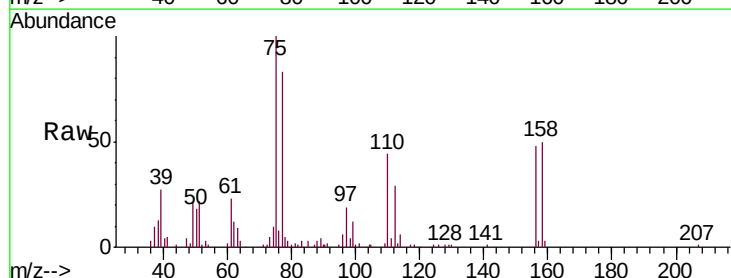
Acq: 24 Nov 2020 10:29

Tgt Ion: 75 Resp: 109361

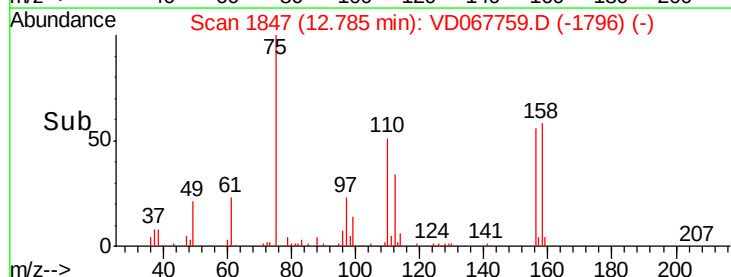
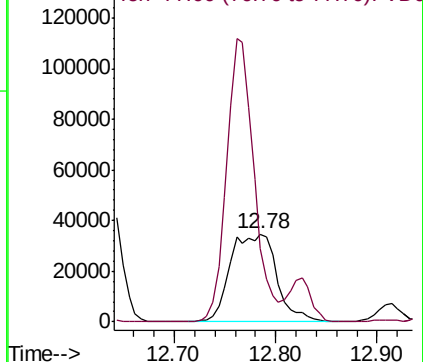
Ion Ratio Lower Upper

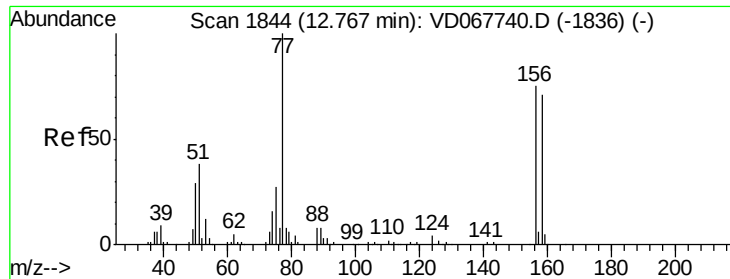
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 46.675 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

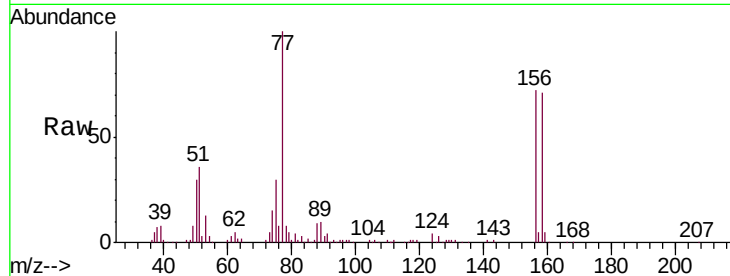
Tgt Ion:156 Resp: 140332

Ion Ratio Lower Upper

156 100

77 149.4 73.5 220.3

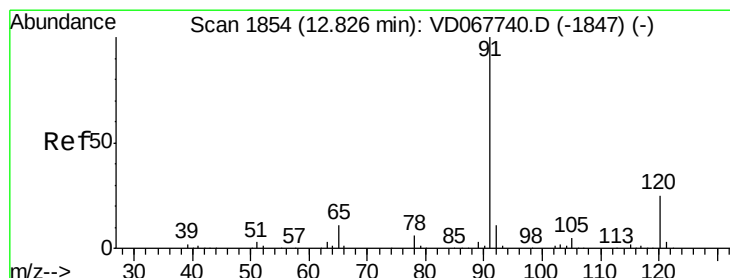
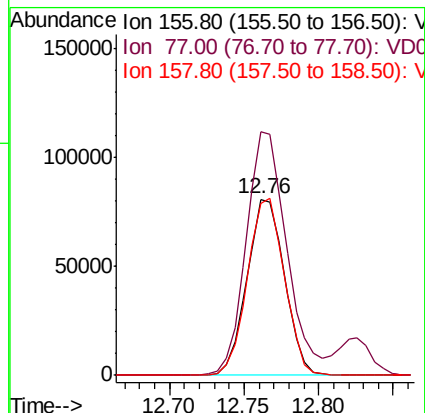
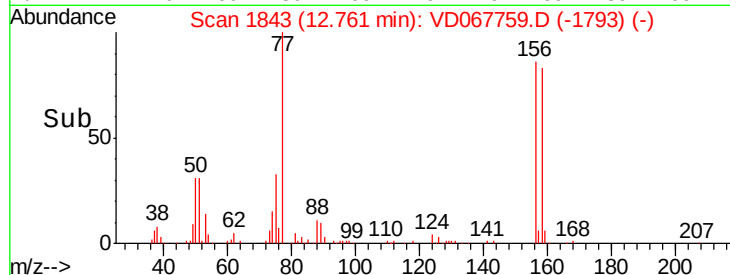
158 98.9 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.337 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067759.D

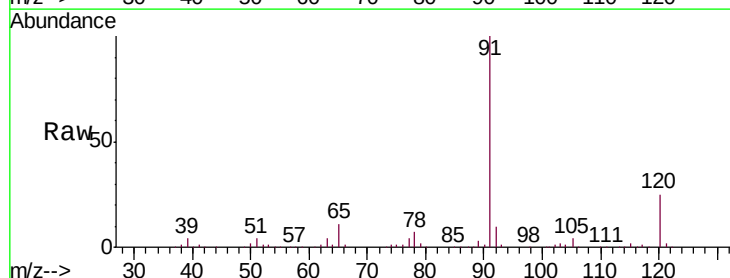
Acq: 24 Nov 2020 10:29

Tgt Ion: 91 Resp: 659260

Ion Ratio Lower Upper

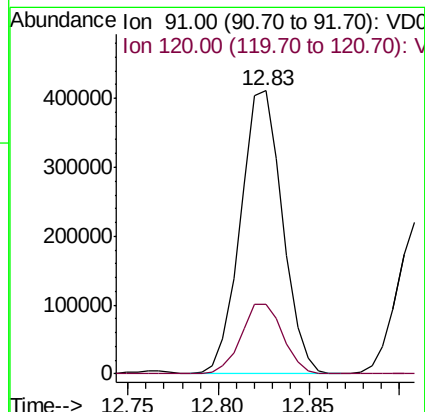
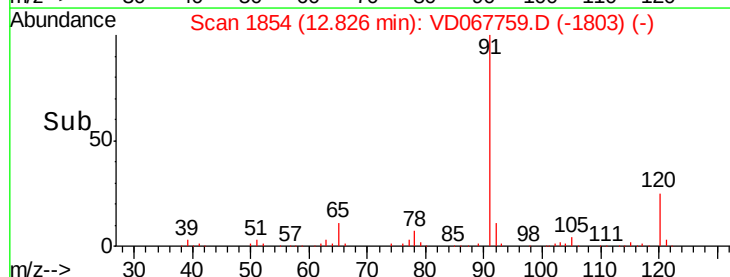
91 100

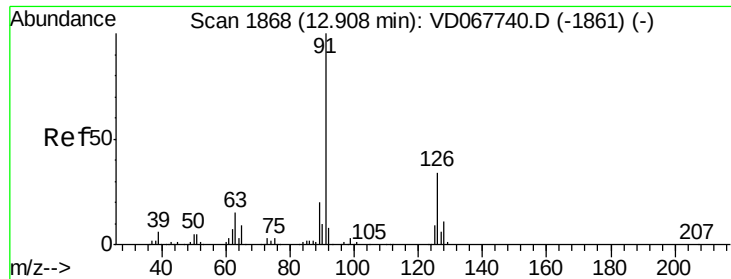
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

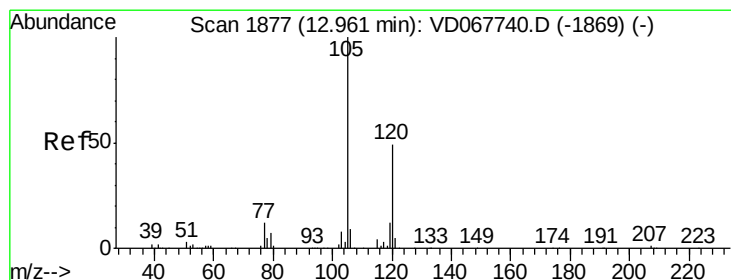
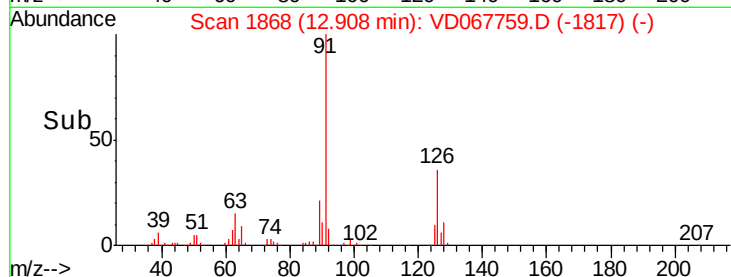
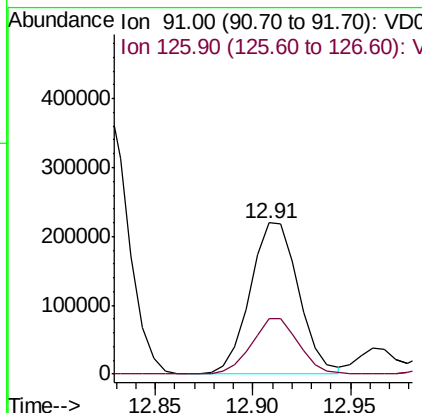
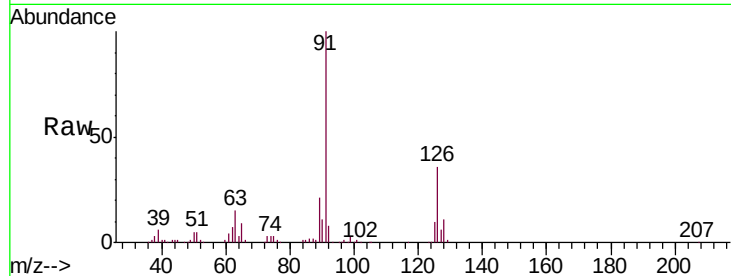




#79
 2-Chlorotoluene
 Concen: 47.722 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

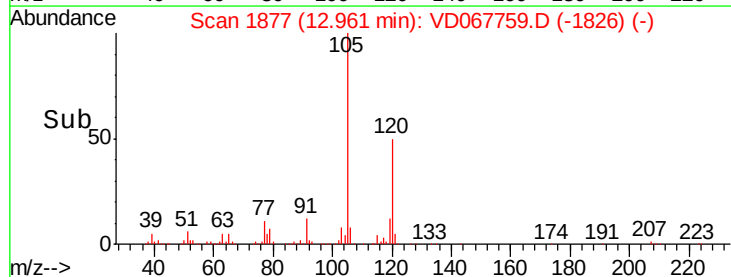
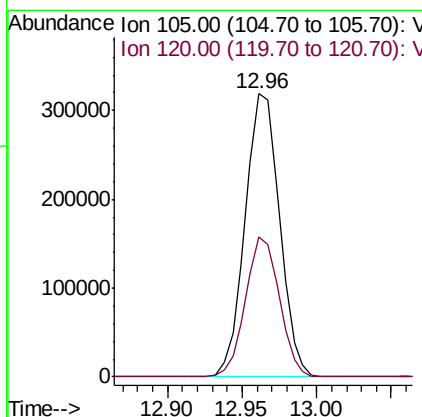
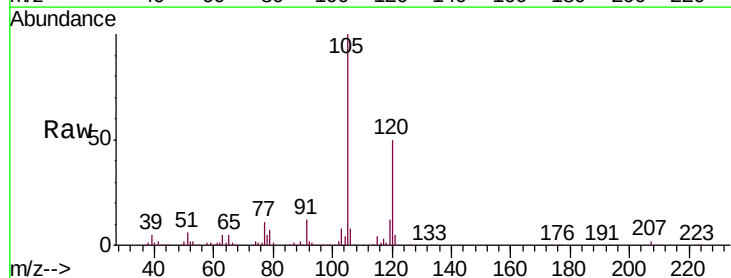
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

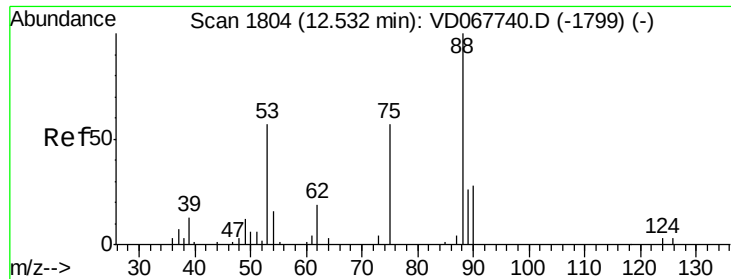
Tgt Ion: 91 Resp: 377544
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 48.653 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion: 105 Resp: 508250
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.532 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

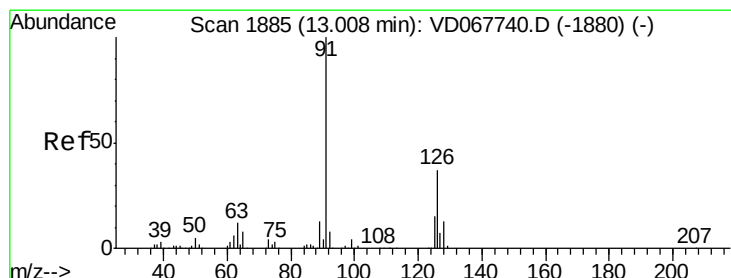
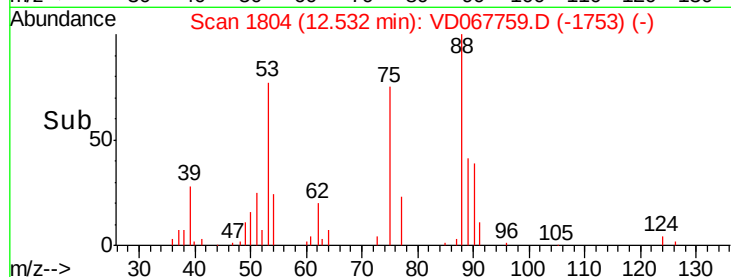
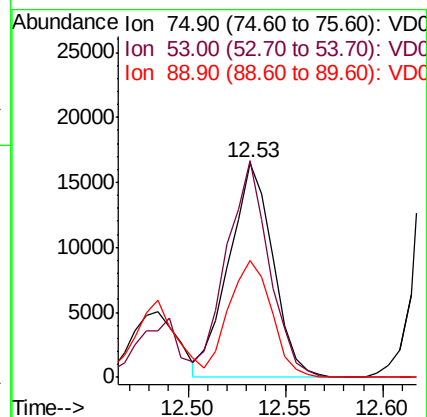
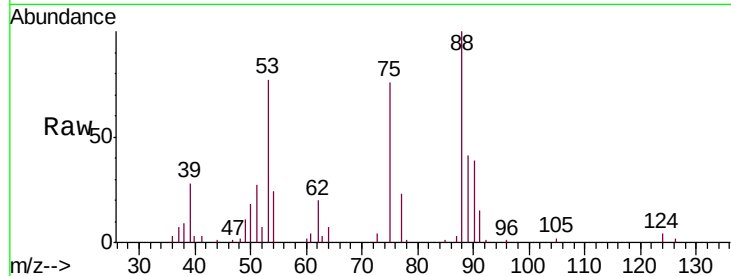
Tgt Ion: 75 Resp: 25855

Ion Ratio Lower Upper

75 100

53 97.8 76.0 114.0

89 52.7 40.2 60.4



#82

4-Chlorotoluene

Concen: 47.603 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067759.D

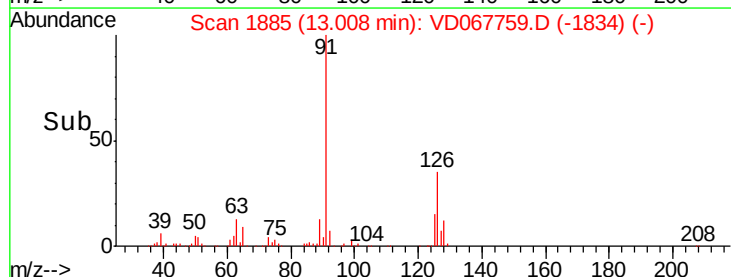
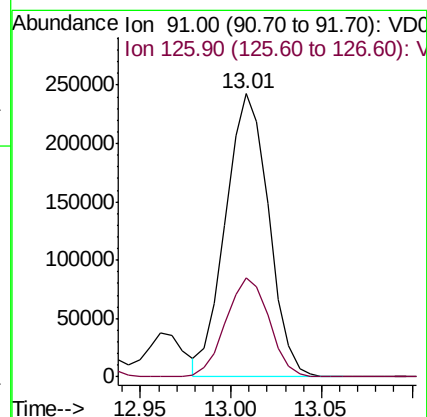
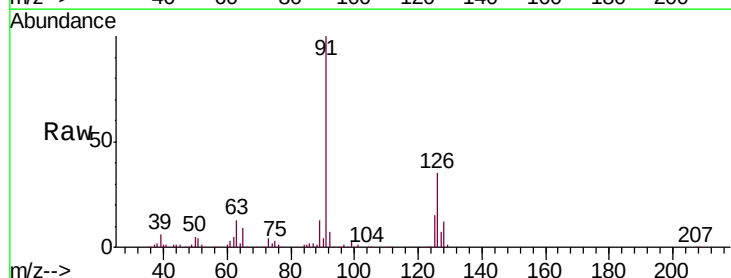
Acq: 24 Nov 2020 10:29

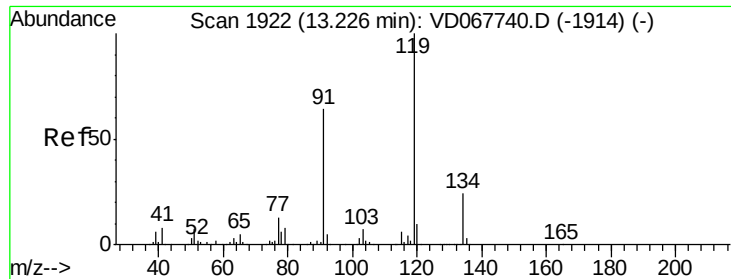
Tgt Ion: 91 Resp: 401285

Ion Ratio Lower Upper

91 100

126 35.3 17.7 53.1

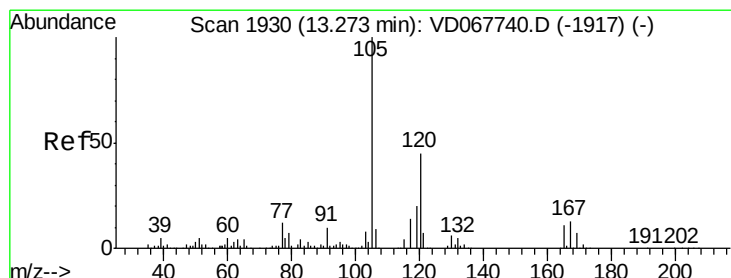
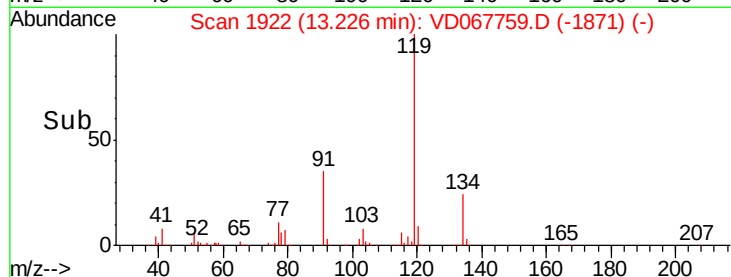
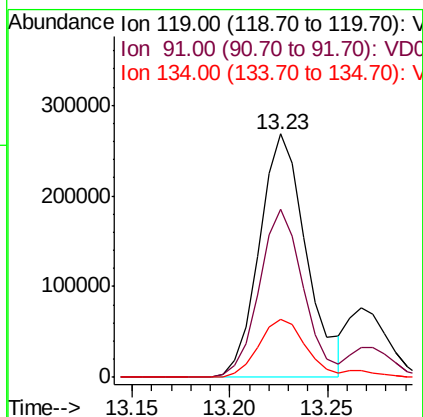
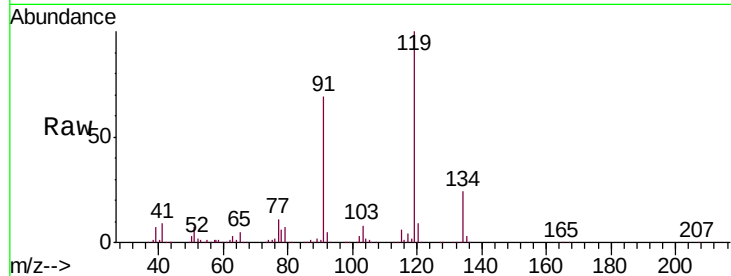




#83
 tert-Butylbenzene
 Concen: 49.920 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

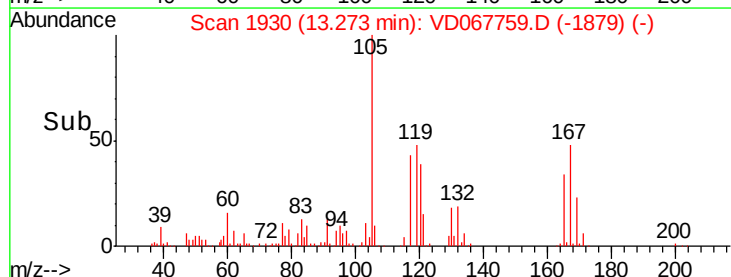
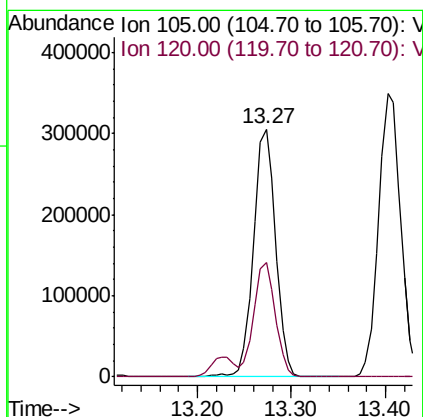
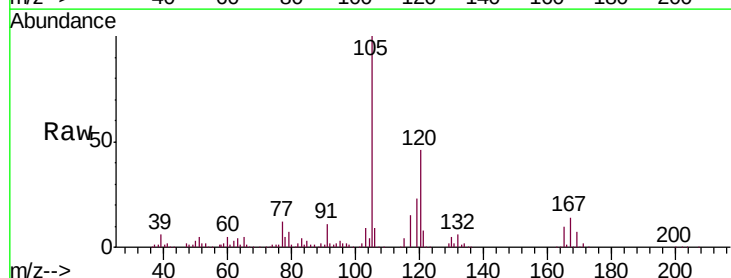
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

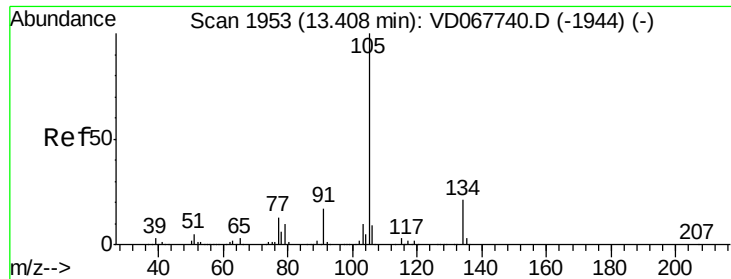
Tgt Ion:119 Resp: 448118
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.9 98.7
 134 25.9 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.799 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion:105 Resp: 498807
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 48.151 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

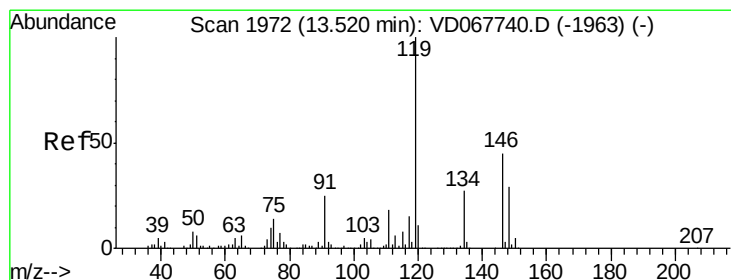
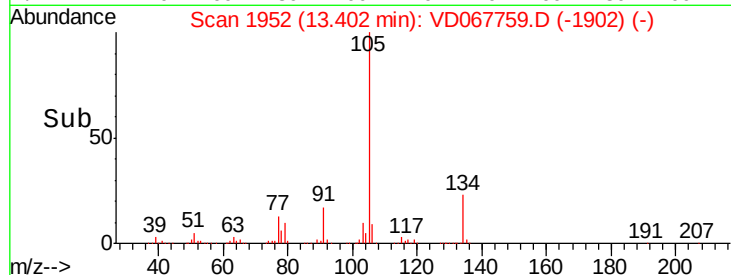
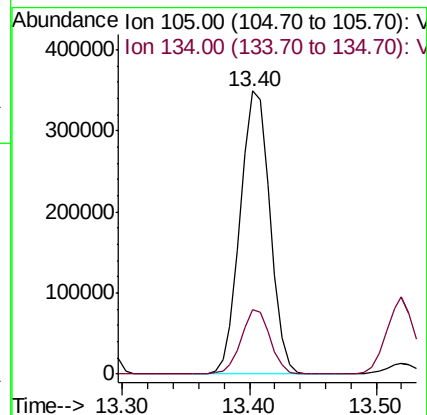
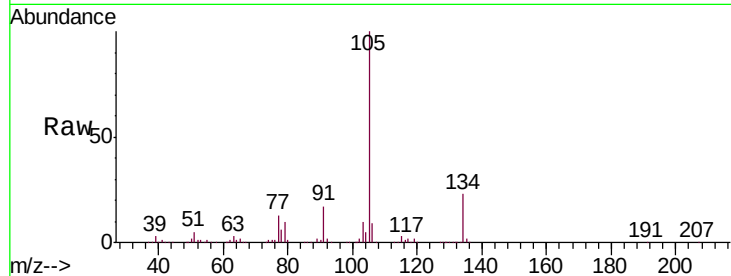
VSTDCCC050

Tgt Ion:105 Resp: 567840

Ion Ratio Lower Upper

105 100

134 22.0 10.7 32.1



#86

p-Isopropyltoluene

Concen: 48.575 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

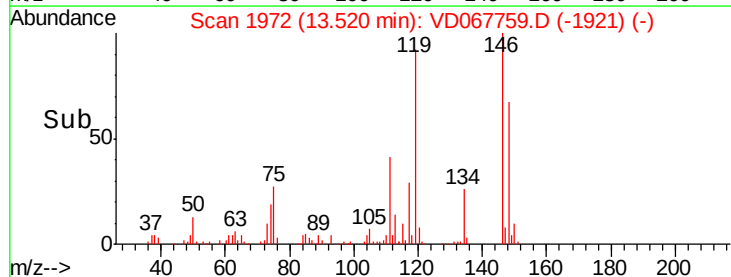
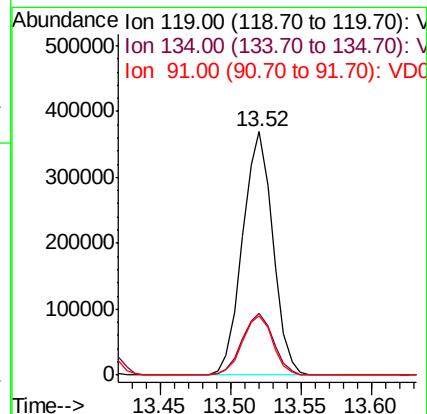
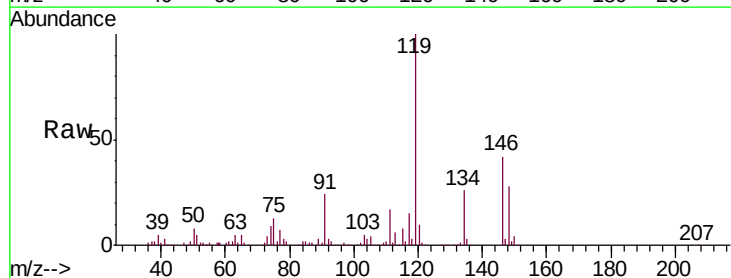
Tgt Ion:119 Resp: 554841

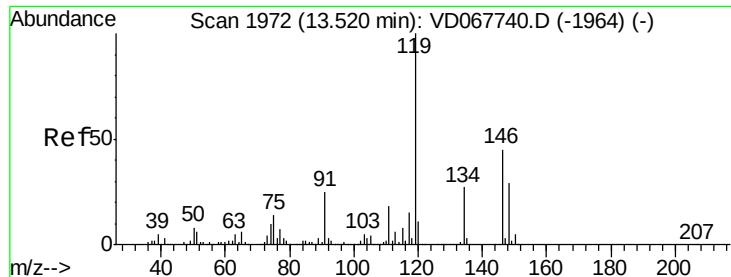
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 24.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 45.810 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

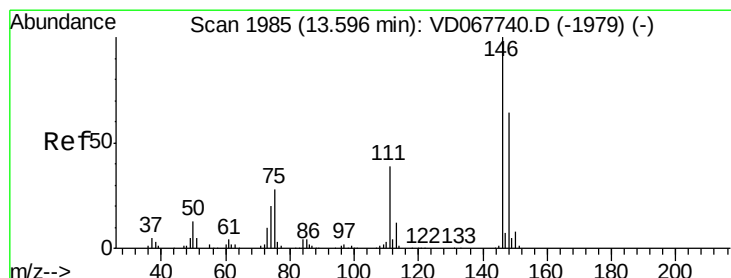
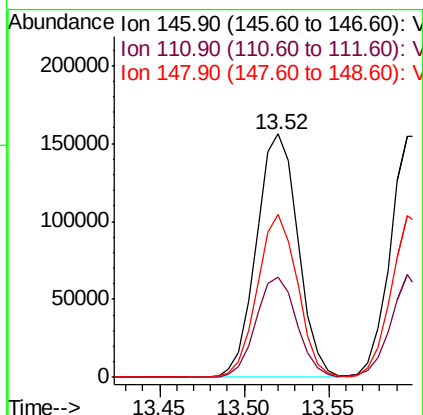
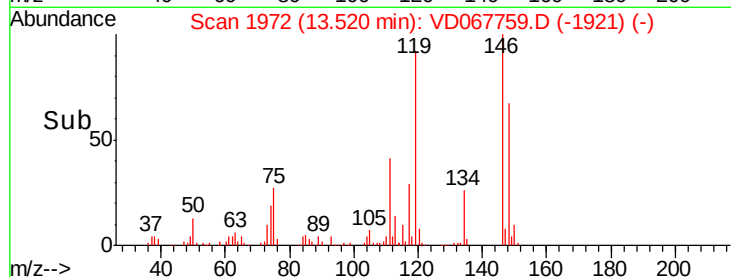
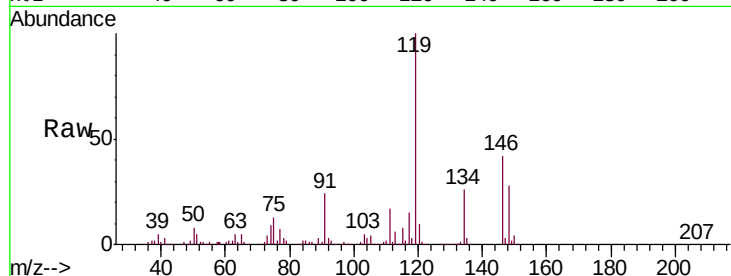
Tgt Ion:146 Resp: 266556

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 64.7 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 45.729 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

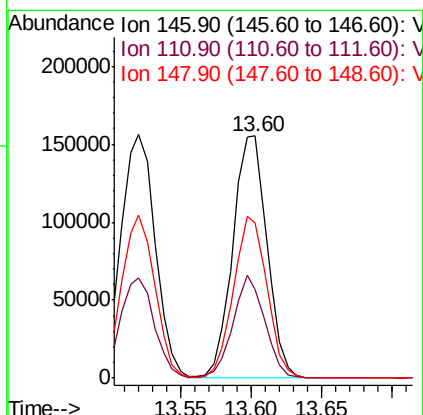
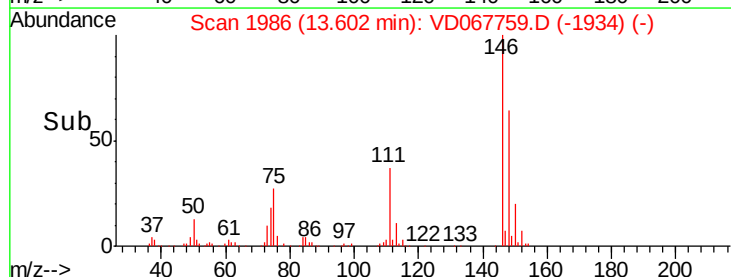
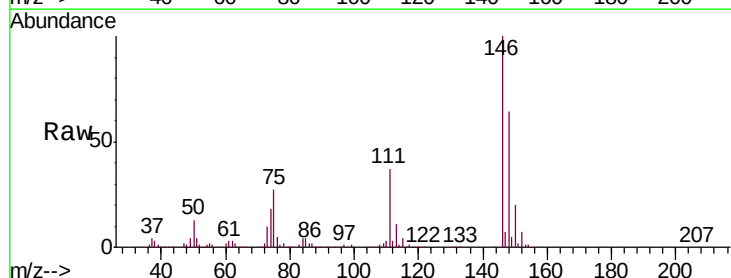
Tgt Ion:146 Resp: 263581

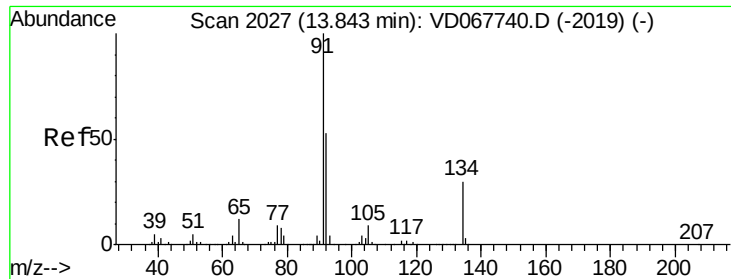
Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.4

148 65.1 31.6 94.8

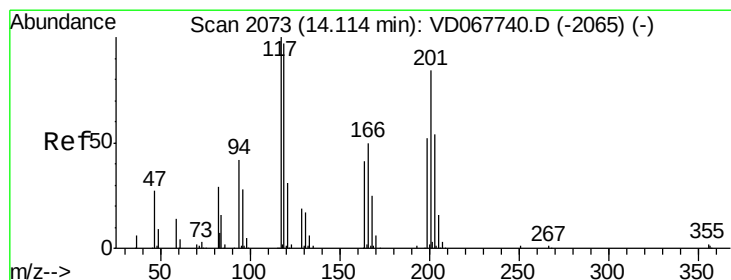
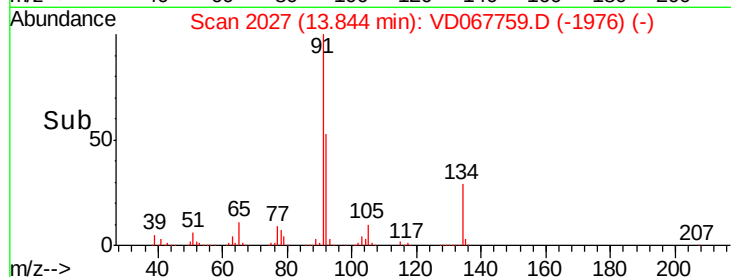
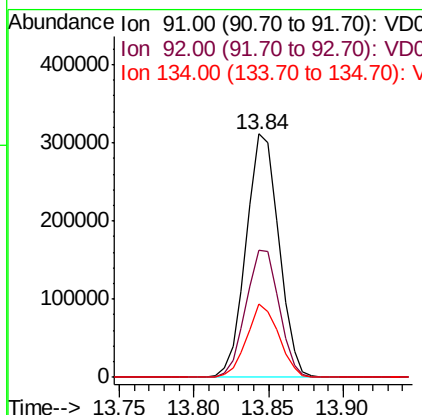
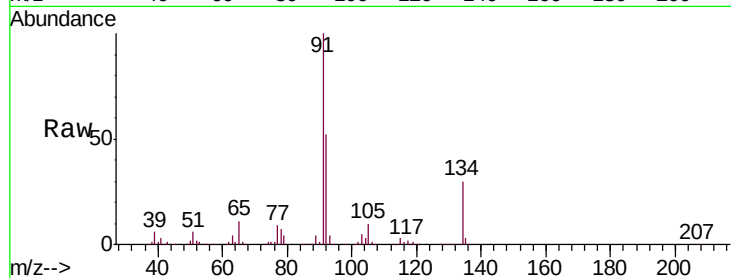




#89
n-Butylbenzene
Concen: 48.162 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

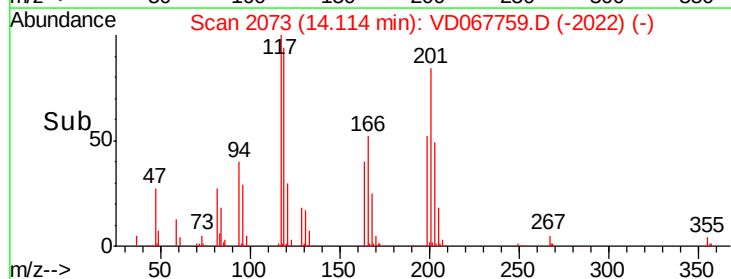
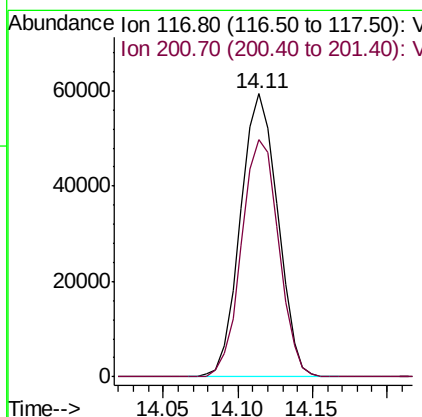
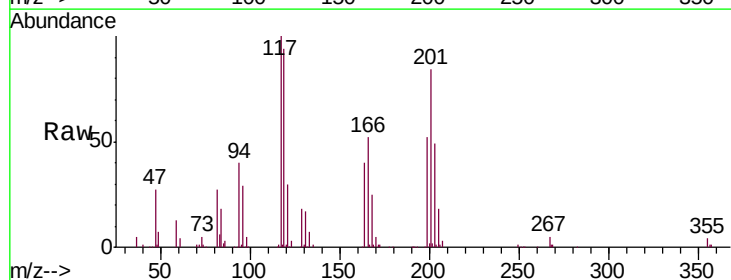
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

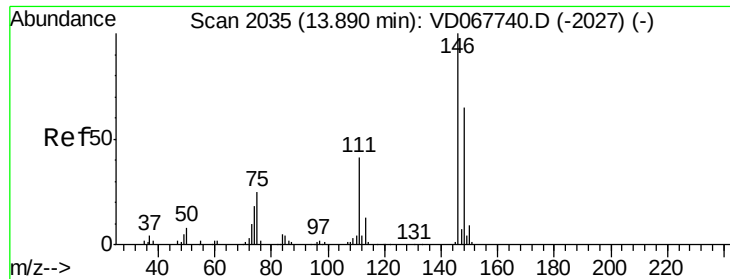
Tgt Ion: 91 Resp: 471428
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 29.5 14.8 44.3



#90
Hexachloroethane
Concen: 47.318 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion: 117 Resp: 102888
Ion Ratio Lower Upper
117 100
201 83.3 42.2 126.6

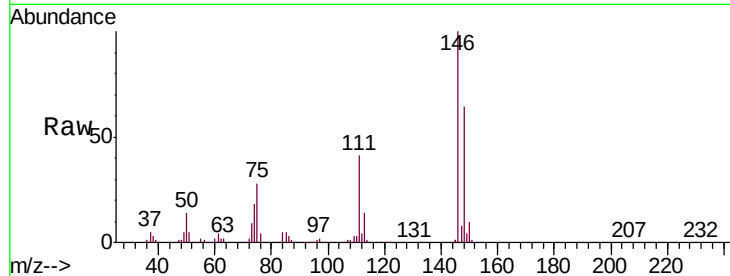




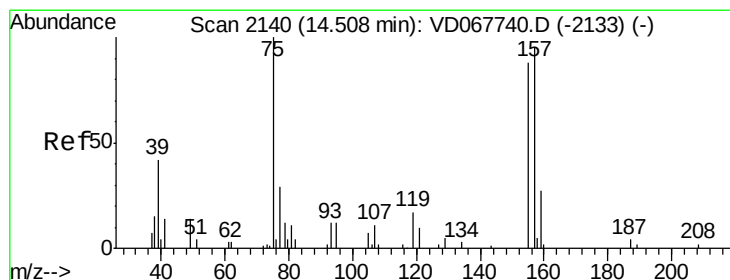
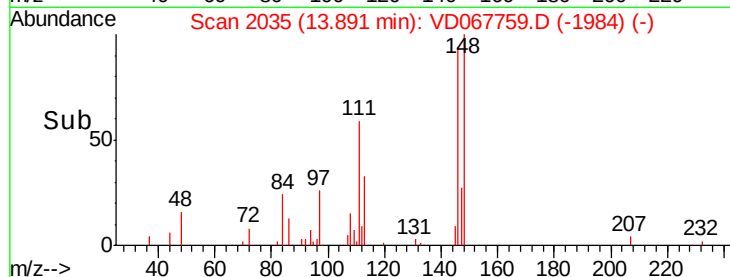
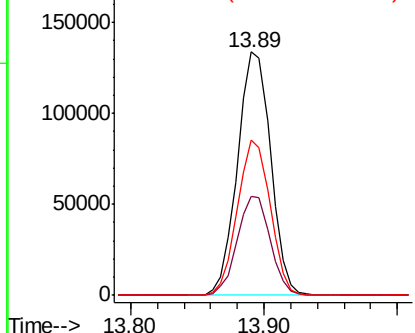
#91
 1,2-Dichlorobenzene
 Concen: 46.013 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.8	62.5
148	62.9	32.4	97.2

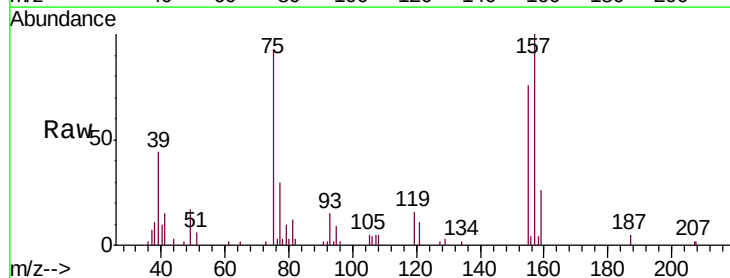


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

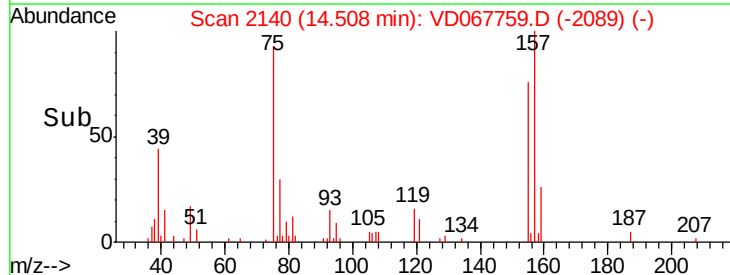
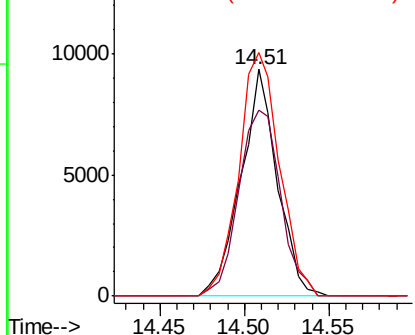


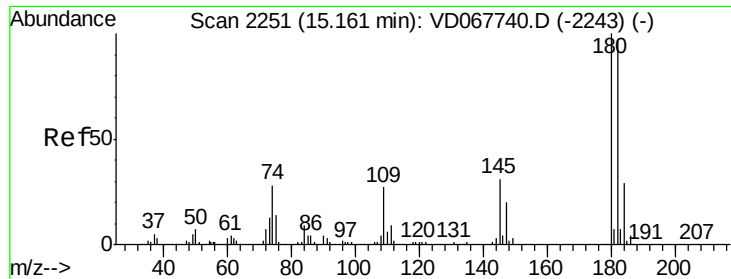
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.522 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067759.D
 Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	41.0	123.0
157	119.8	51.1	153.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

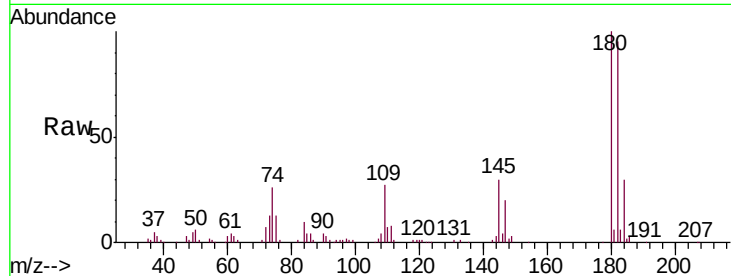




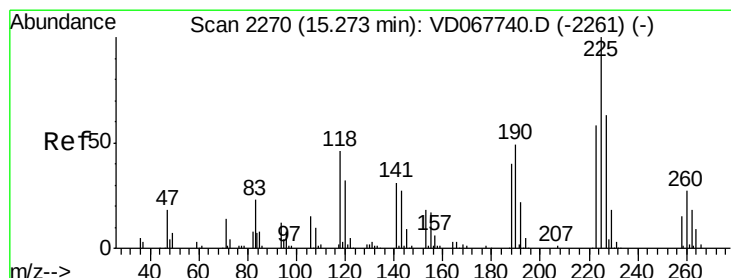
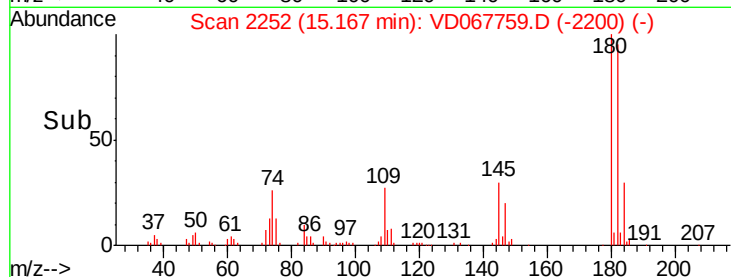
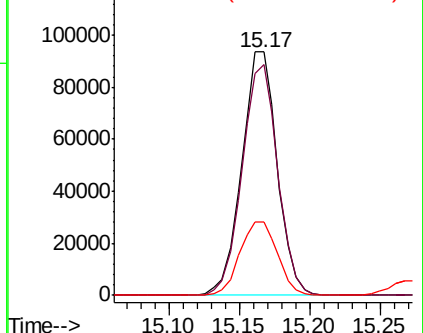
#93
1,2,4-Trichlorobenzene
Concen: 46.235 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 164095
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 32.1 16.1 48.3

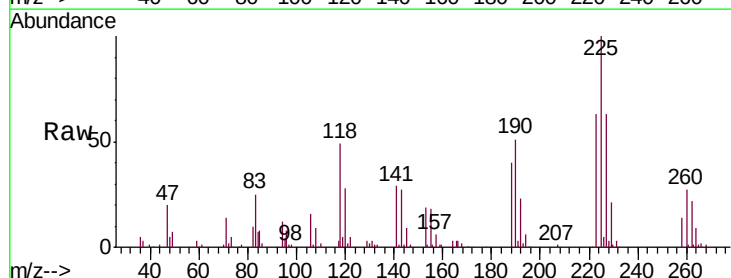


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

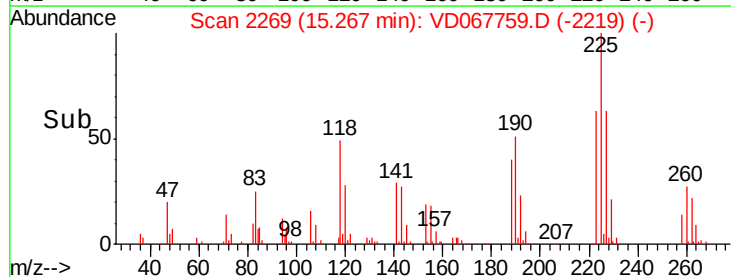
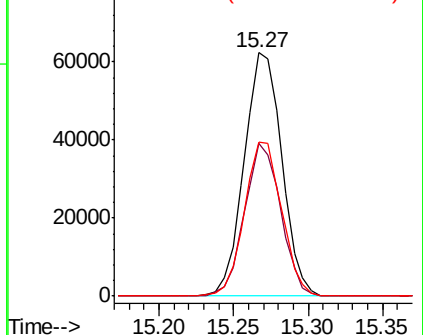


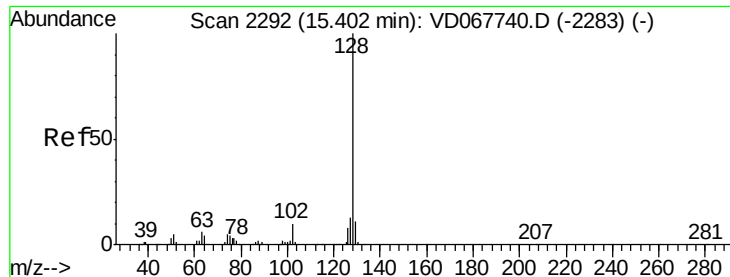
#94
Hexachlorobutadiene
Concen: 47.955 ug/l
RT: 15.27 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VD067759.D
Acq: 24 Nov 2020 10:29

Tgt Ion:225 Resp: 108745
Ion Ratio Lower Upper
225 100
223 60.1 31.5 94.5
227 62.5 32.9 98.7



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





#95

Naphthalene

Concen: 45.768 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

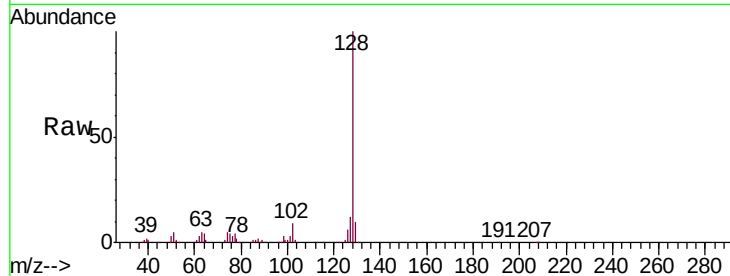
Tgt Ion:128 Resp: 262887

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

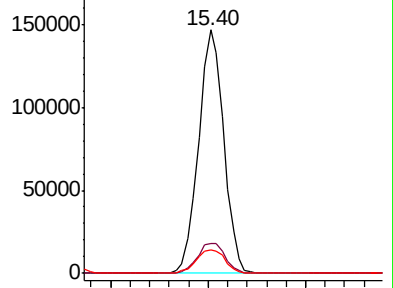
129 11.1 8.6 12.8



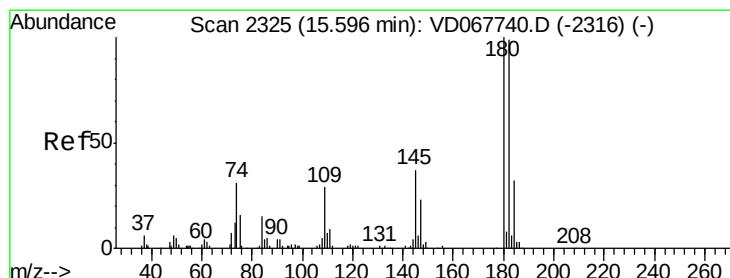
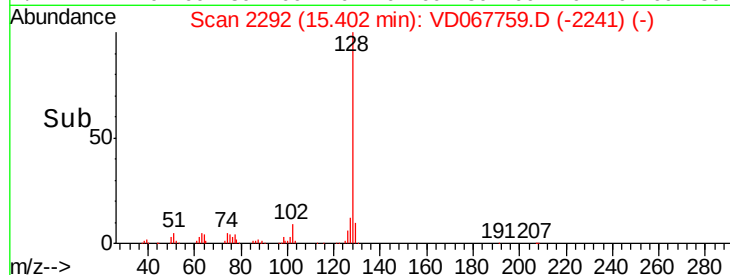
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 46.146 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067759.D

Acq: 24 Nov 2020 10:29

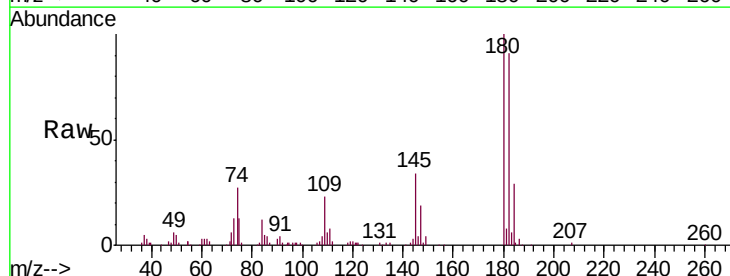
Tgt Ion:180 Resp: 139506

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

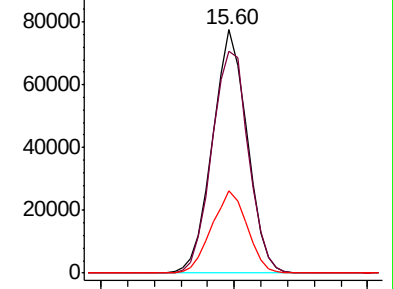
145 34.7 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

