

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067070.D
 Acq On : 03 Oct 2020 08:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 03 08:42:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	454980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	702111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329154	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	218582	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	7.91	113	239381	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
50) Toluene-d8	10.34	98	885132	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.63	95	298087	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	173048	46.942	ug/l	98
3) Chloromethane	2.21	50	169882	46.885	ug/l	94
4) Vinyl Chloride	2.35	62	170483	46.924	ug/l	99
5) Bromomethane	2.77	94	136748	59.189	ug/l	97
6) Chloroethane	2.93	64	107012	48.365	ug/l	98
7) Trichlorofluoromethane	3.28	101	351694	43.570	ug/l	99
8) Diethyl Ether	3.71	74	106978	53.444	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	203930	44.698	ug/l	99
10) Methyl Iodide	4.30	142	217395	49.039	ug/l	99
11) Tert butyl alcohol	5.22	59	62022	239.434	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	205593	47.935	ug/l	98
13) Acrolein	3.92	56	53088	180.916	ug/l	98
14) Allyl chloride	4.71	41	283739	50.924	ug/l	99
15) Acrylonitrile	5.43	53	187996	255.185	ug/l	99
16) Acetone	4.16	43	157331	235.185	ug/l	98
17) Carbon Disulfide	4.41	76	629568	47.830	ug/l	100
18) Methyl Acetate	4.72	43	103718	61.687	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	428535	54.733	ug/l	100
20) Methylene Chloride	4.97	84	270974	58.287	ug/l	98
21) trans-1,2-Dichloroethene	5.48	96	246825	50.568	ug/l	96
22) Diisopropyl ether	6.37	45	564326	55.478	ug/l	98
23) Vinyl Acetate	6.31	43	1501725	260.530	ug/l	100
24) 1,1-Dichloroethane	6.27	63	406779	51.817	ug/l	99
25) 2-Butanone	7.21	43	237480	250.390	ug/l	99
26) 2,2-Dichloropropane	7.21	77	302703	44.653	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	282154	54.126	ug/l	97
28) Bromochloromethane	7.54	49	168562	55.600	ug/l	100
29) Tetrahydrofuran	7.57	42	144913	265.727	ug/l	98
30) Chloroform	7.71	83	441111	51.799	ug/l	97
31) Cyclohexane	7.98	56	286912	43.594	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	386840	49.015	ug/l	98
36) 1,1-Dichloropropene	8.11	75	314880	43.686	ug/l	98
37) Ethyl Acetate	7.30	43	117287	46.972	ug/l	97
38) Carbon Tetrachloride	8.10	117	343600	44.059	ug/l	96

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

39) Methylcyclohexane	9.36	83	333098	43.712	ug/l	99
40) Benzene	8.35	78	971278	48.516	ug/l	97
41) Methacrylonitrile	7.53	41	66267	49.124	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	262533	46.930	ug/l	99
43) Isopropyl Acetate	8.45	43	211504	45.980	ug/l	98
44) Trichloroethene	9.11	130	273942	45.824	ug/l	98
45) 1,2-Dichloropropane	9.38	63	234018	49.750	ug/l	96
46) Dibromomethane	9.47	93	130134	48.134	ug/l	98
47) Bromodichloromethane	9.66	83	339739	48.342	ug/l	100
48) Methyl methacrylate	9.46	41	105992	44.977	ug/l #	84
49) 1,4-Dioxane	9.46	88	26052	923.283	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	567080	247.502	ug/l	98
52) Toluene	10.40	92	636397	49.347	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	293738	46.766	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	360352	46.983	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	178461	47.478	ug/l	94
56) Ethyl methacrylate	10.66	69	202972	52.303	ug/l	98
57) 1,3-Dichloropropane	10.94	76	299381	49.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	584424	270.574	ug/l	99
59) 2-Hexanone	10.98	43	371435	242.887	ug/l	98
60) Dibromochloromethane	11.14	129	240966	48.099	ug/l	97
61) 1,2-Dibromoethane	11.24	107	176766	48.950	ug/l	99
64) Tetrachloroethene	10.87	164	253526	49.669	ug/l	92
65) Chlorobenzene	11.67	112	680456	48.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	257253	48.431	ug/l	100
67) Ethyl Benzene	11.74	91	1179206	49.285	ug/l	99
68) m/p-Xylenes	11.86	106	901354	96.667	ug/l	99
69) o-Xylene	12.18	106	422764	50.701	ug/l	99
70) Styrene	12.20	104	731413	51.083	ug/l	99
71) Bromoform	12.36	173	132149	47.928	ug/l #	99
73) Isopropylbenzene	12.48	105	1123083	50.250	ug/l	99
74) N-amyl acetate	12.29	43	186818	46.498	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	181436	48.182	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	225651	78.705	ug/l #	100
77) Bromobenzene	12.76	156	273978	50.768	ug/l	97
78) n-propylbenzene	12.82	91	1281475	48.515	ug/l	99
79) 2-Chlorotoluene	12.91	91	750064	49.632	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	941159	49.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51588	44.860	ug/l	96
82) 4-Chlorotoluene	13.01	91	783128	48.705	ug/l	99
83) tert-Butylbenzene	13.23	119	815012	51.254	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	946885	50.247	ug/l	98
85) sec-Butylbenzene	13.41	105	1074752	47.994	ug/l	100
86) p-Isopropyltoluene	13.52	119	992696	47.815	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	503811	47.928	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	496779	47.264	ug/l	99
89) n-Butylbenzene	13.85	91	848821	44.736	ug/l	100
90) Hexachloroethane	14.12	117	174108	47.876	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	446757	48.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28186	46.434	ug/l	97

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

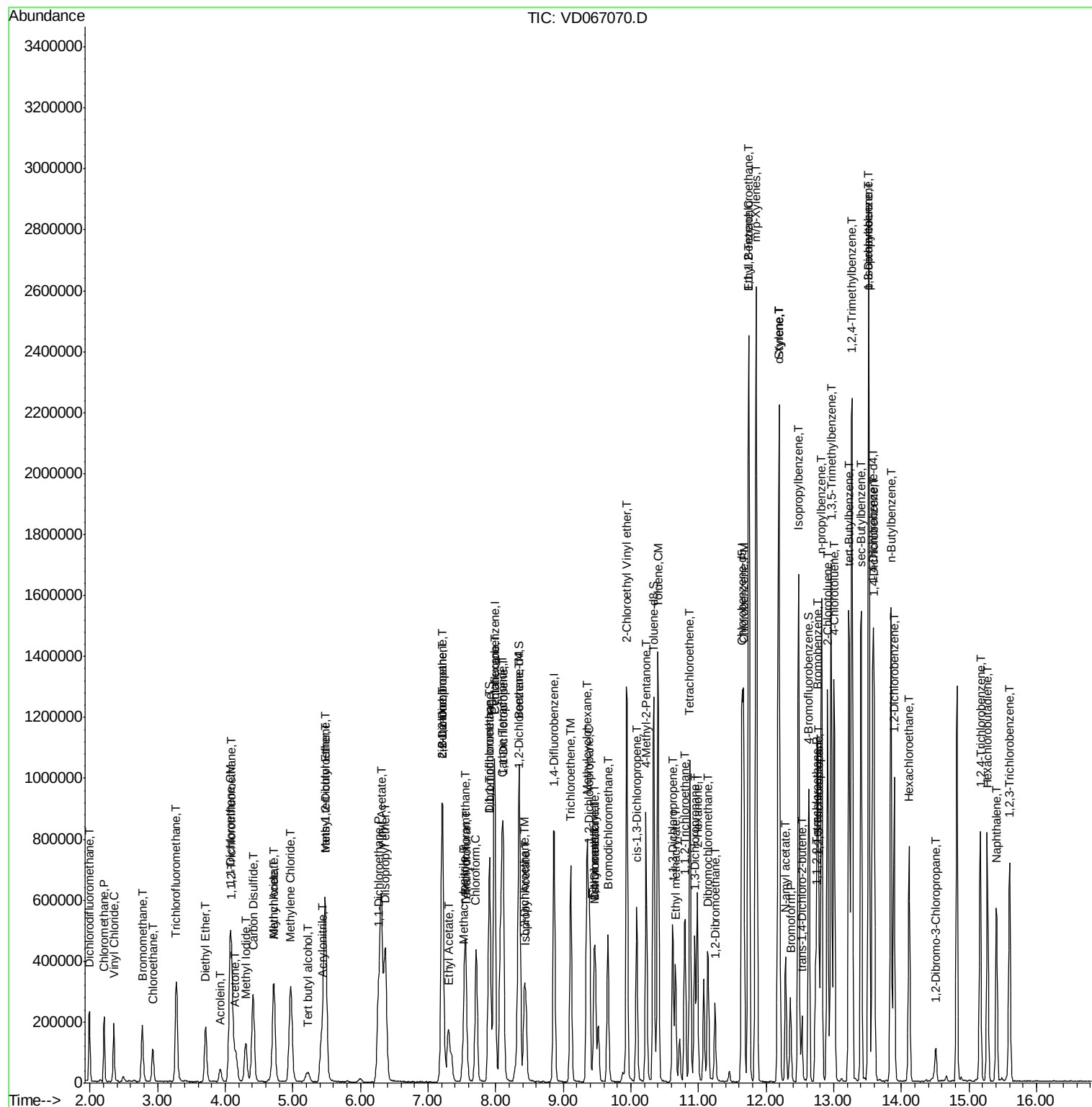
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	284486	47.908	ug/l	99
94) Hexachlorobutadiene	15.28	225	161414	44.261	ug/l	98
95) Naphthalene	15.41	128	519625	52.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	256715	49.801	ug/l	98

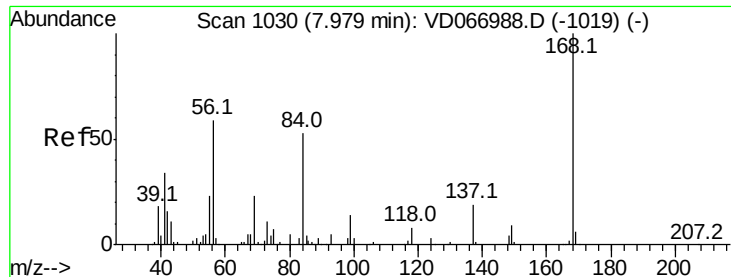
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

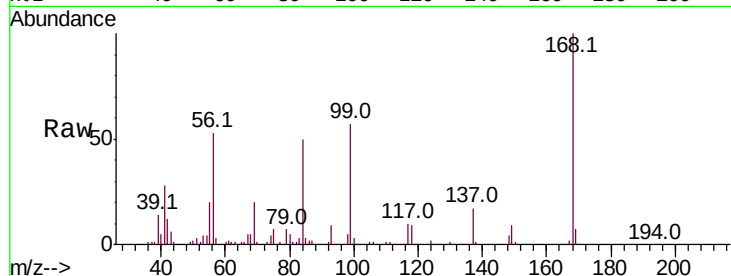
VSTDCCC050EC

Tot Ion:168 Resp: 454980

Ion Ratio Lower Upper

168 100

99 56.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

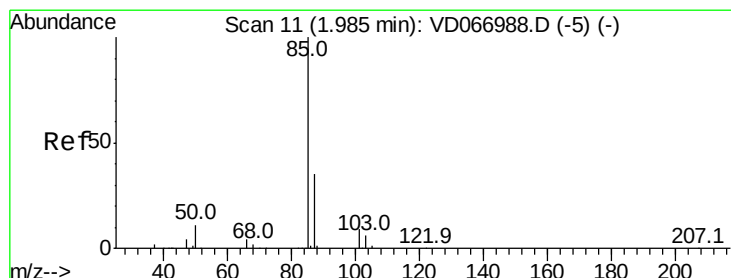
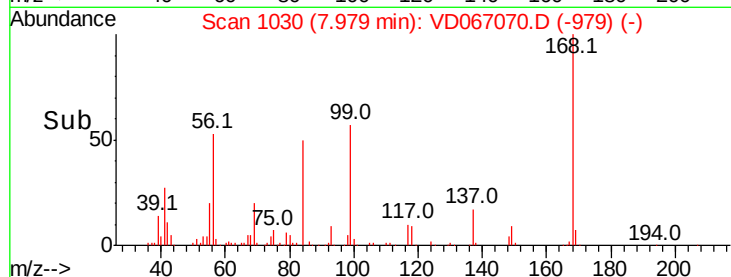
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.942 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067070.D

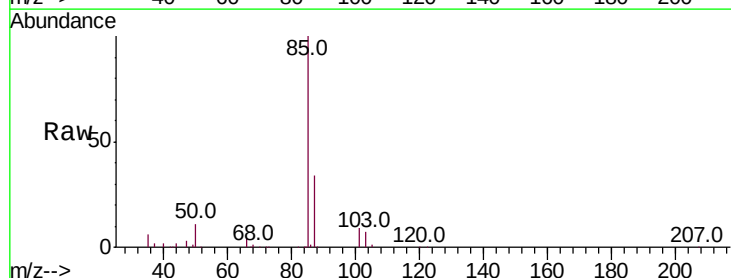
Acq: 03 Oct 2020 08:23

Tgt Ion: 85 Resp: 173048

Ion Ratio Lower Upper

85 100

87 33.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

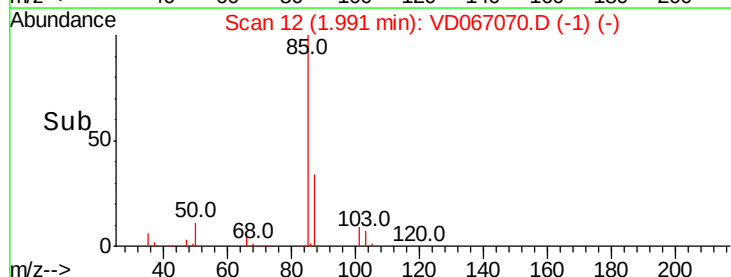
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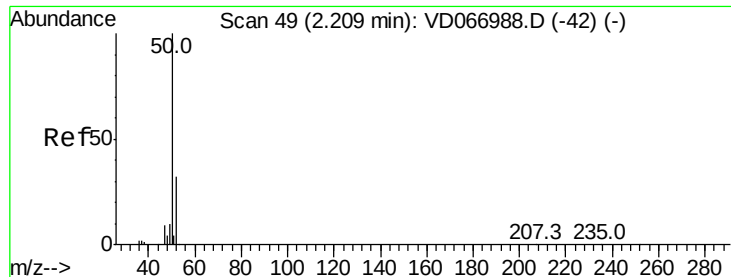
50000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 46.885 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

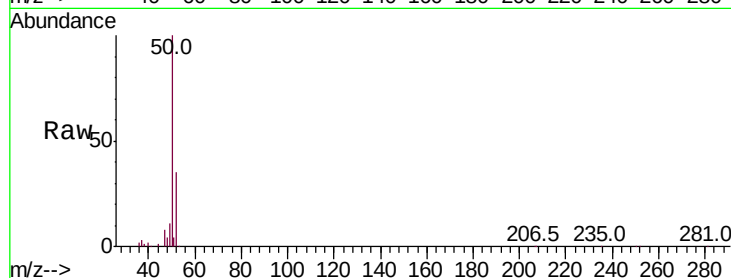
VSTDCCC050EC

Tot Ion: 50 Resp: 169882

Ion Ratio Lower Upper

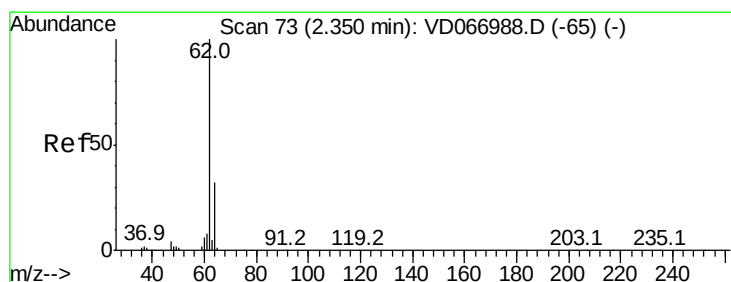
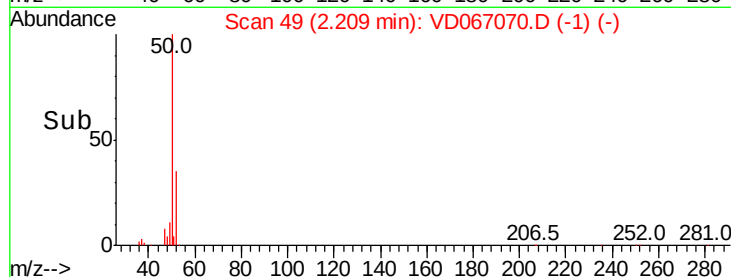
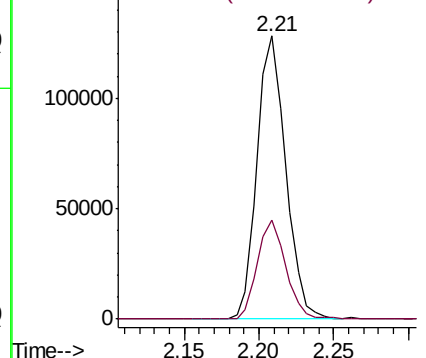
50 100

52 35.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.924 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067070.D

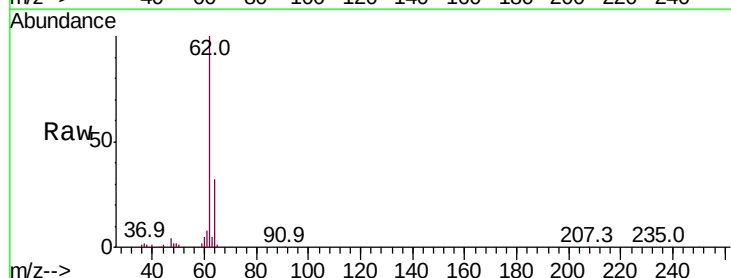
Acq: 03 Oct 2020 08:23

Tgt Ion: 62 Resp: 170483

Ion Ratio Lower Upper

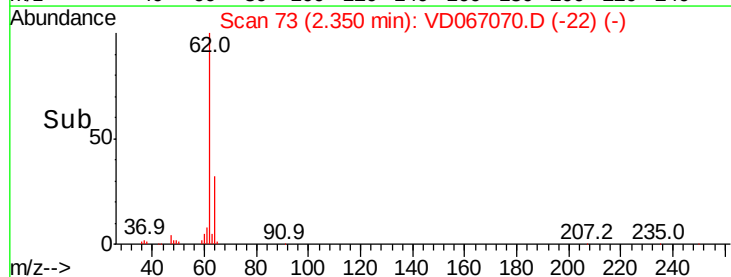
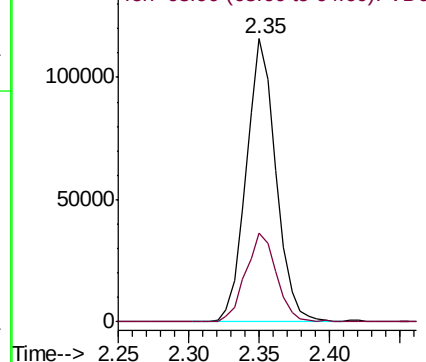
62 100

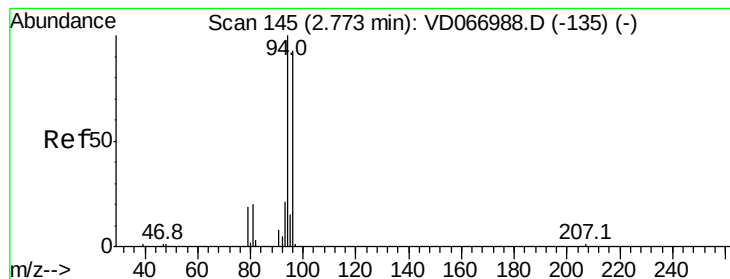
64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 59.189 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

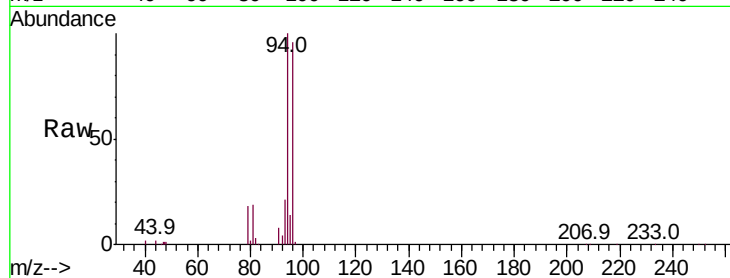
VSTDCCC050EC

Tot Ion: 94 Resp: 136748

Ion Ratio Lower Upper

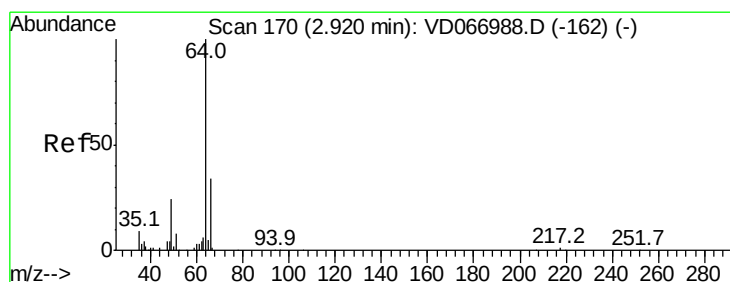
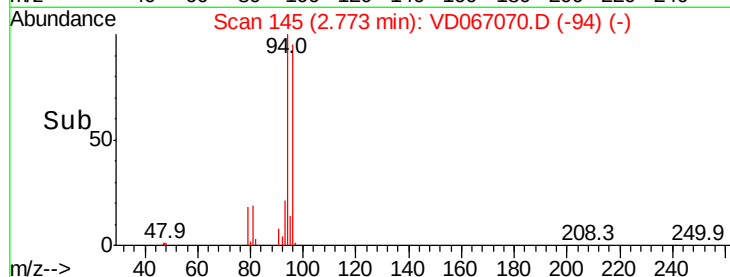
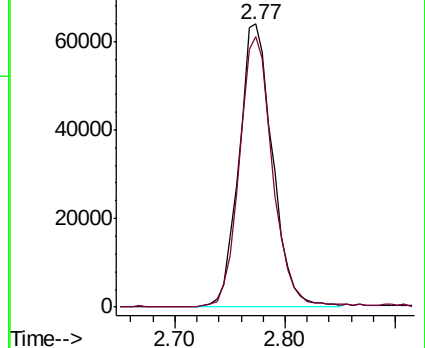
94 100

96 95.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.365 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067070.D

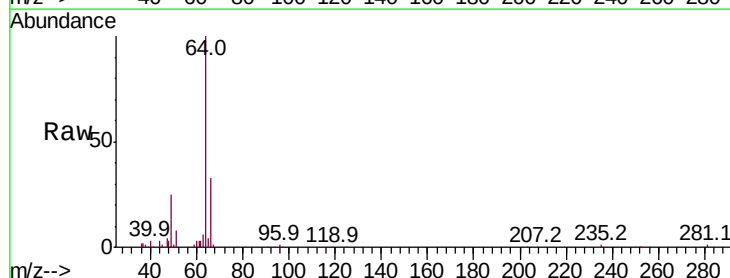
Acq: 03 Oct 2020 08:23

Tgt Ion: 64 Resp: 107012

Ion Ratio Lower Upper

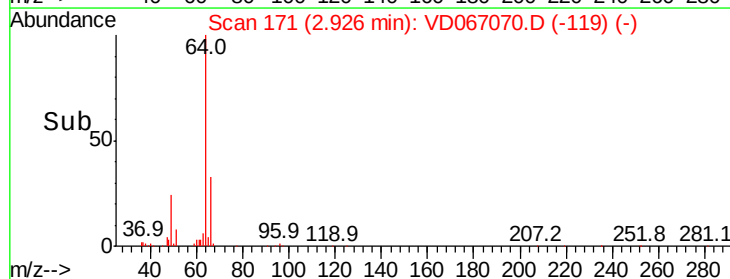
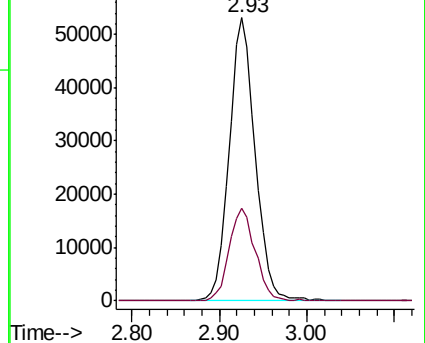
64 100

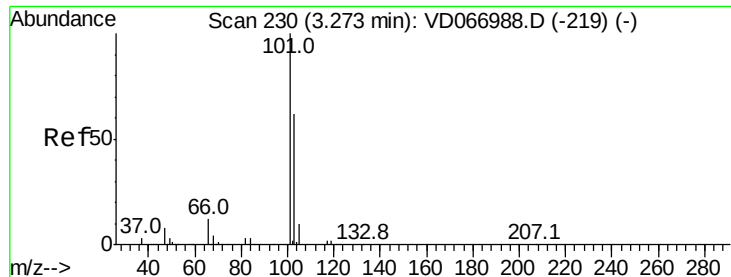
66 32.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



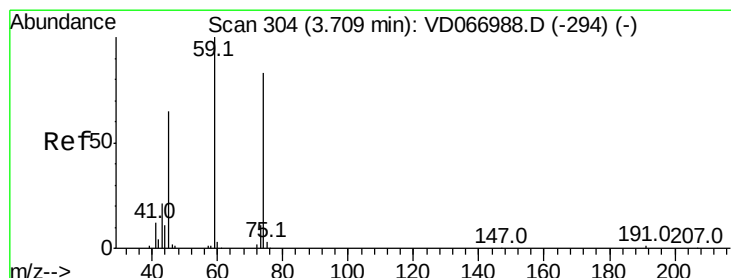
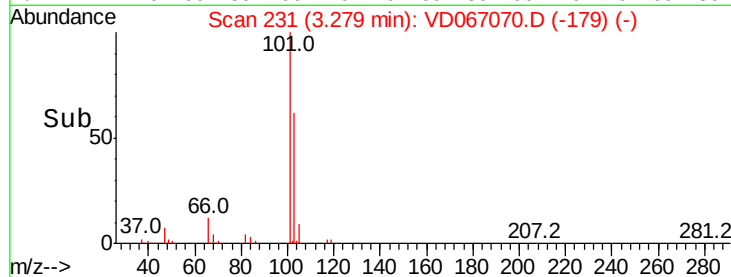
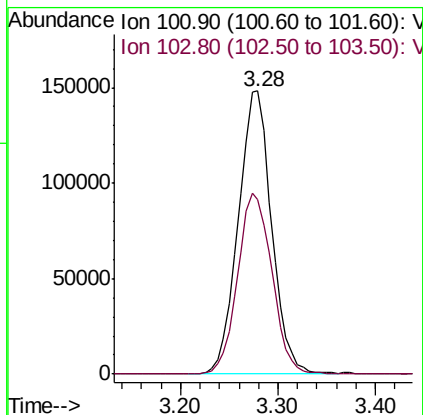
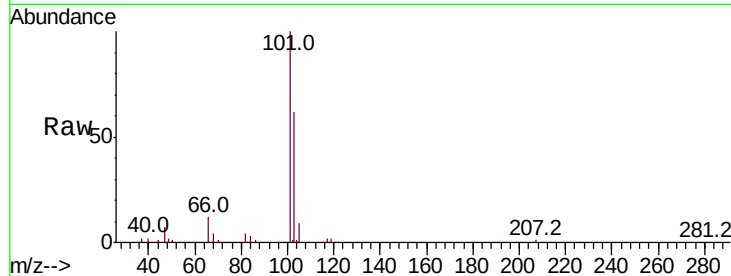


#7

Trichlorofluoromethane
 Concen: 43.570 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067070.D
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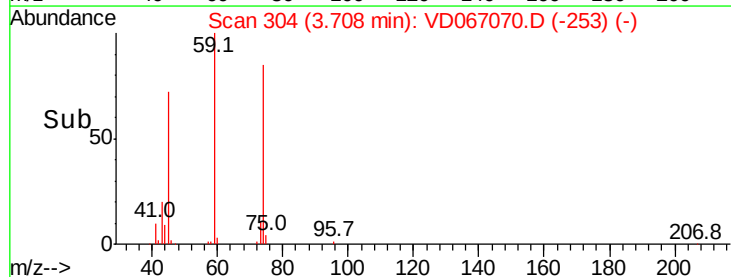
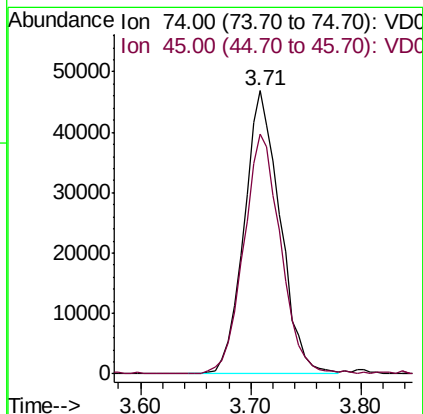
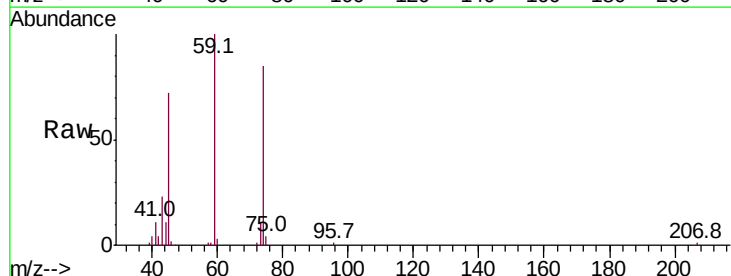
Tot Ion:101 Resp: 351694
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.8 74.8

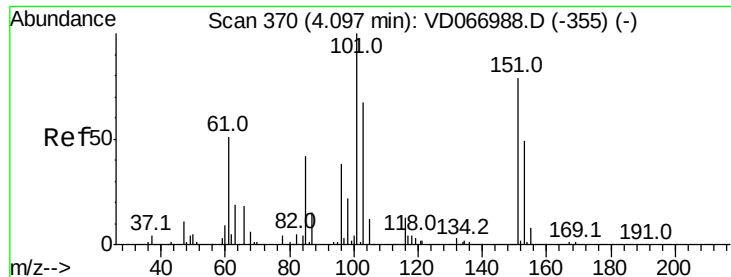


#8

Diethyl Ether
 Concen: 53.444 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 74 Resp: 106978
 Ion Ratio Lower Upper
 74 100
 45 87.4 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.698 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

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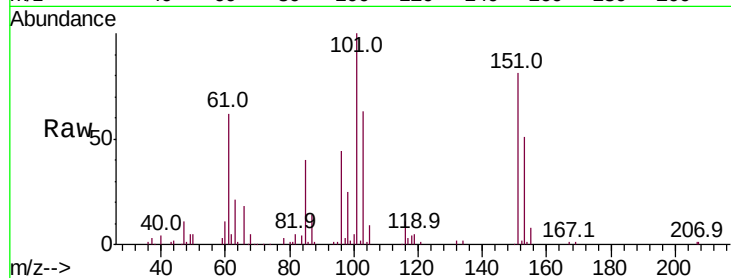
Tot Ion:101 Resp: 203930

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.8

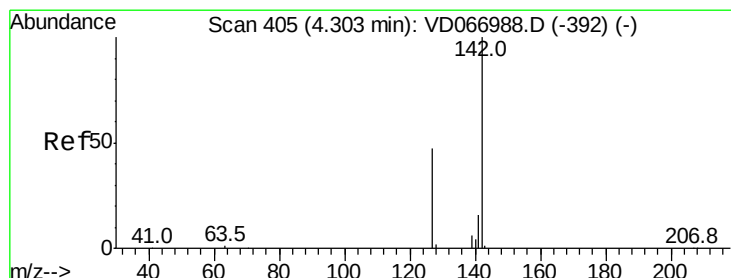
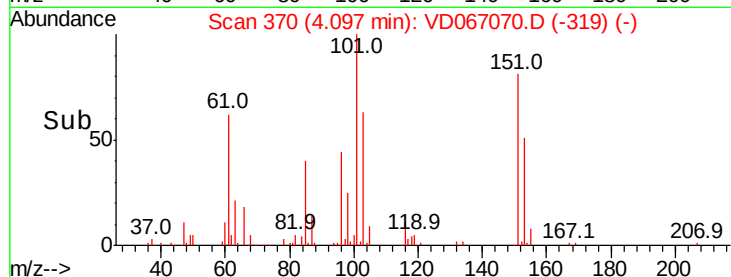
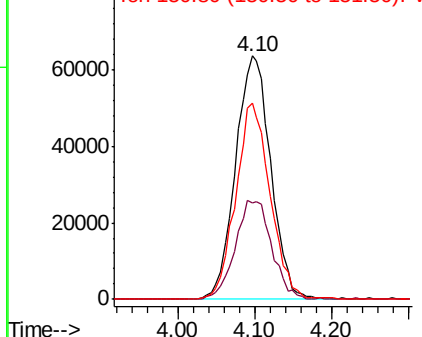
151 78.3 63.8 95.8



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: 49.039 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

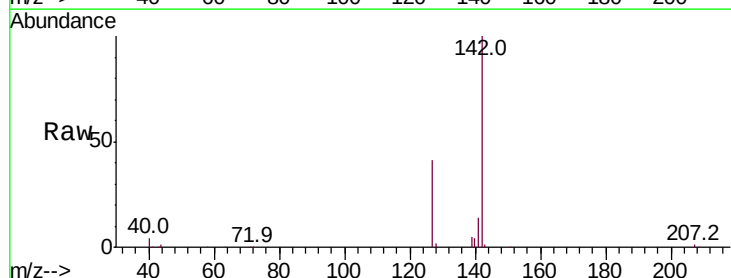
Tgt Ion:142 Resp: 217395

Ion Ratio Lower Upper

142 100

127 44.5 36.3 54.5

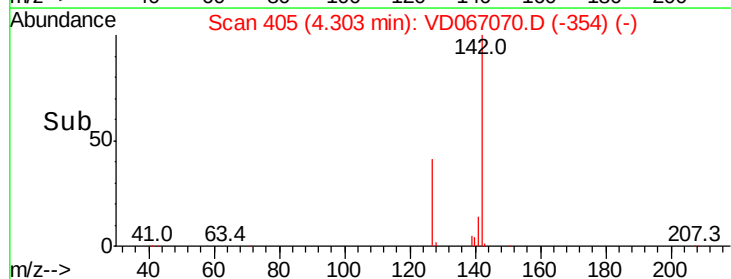
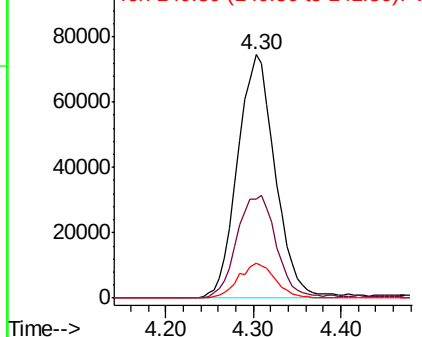
141 14.2 12.0 18.0

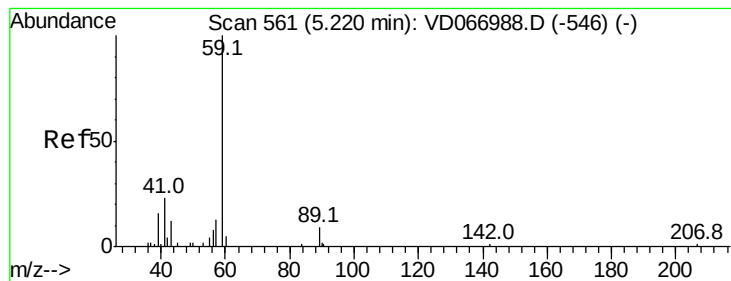


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



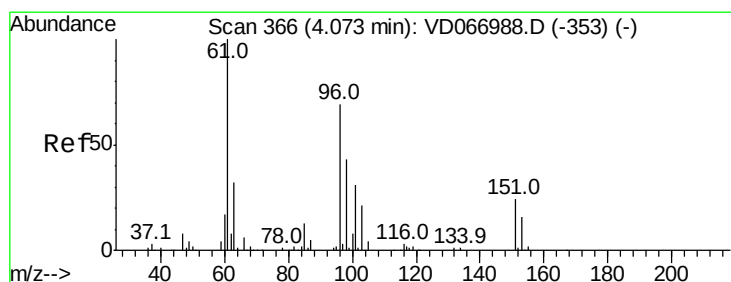
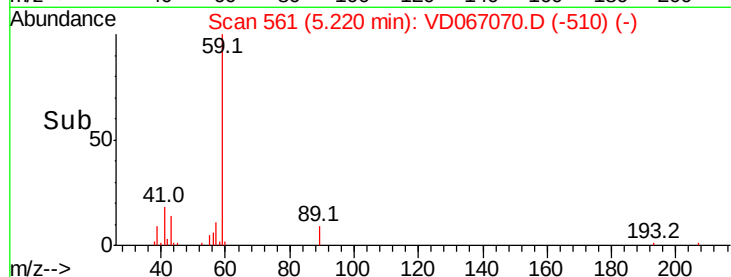
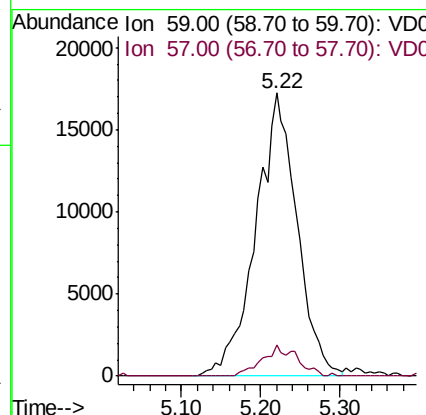
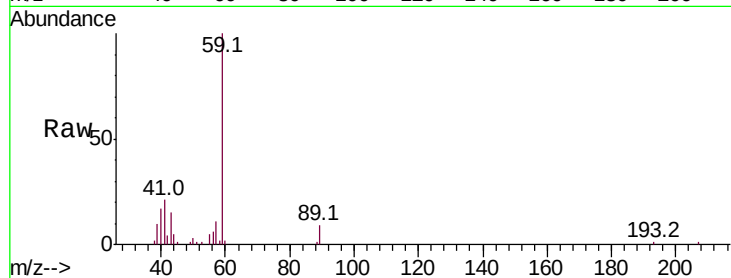


#11

Tert butyl alcohol
 Concen: 239.434 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

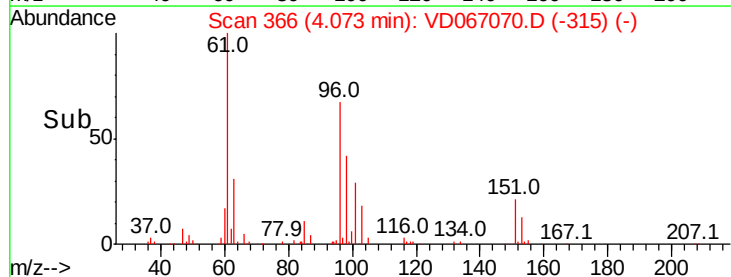
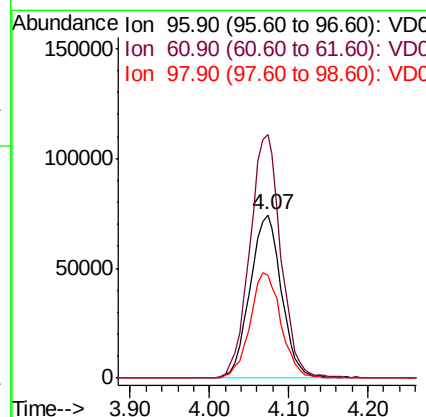
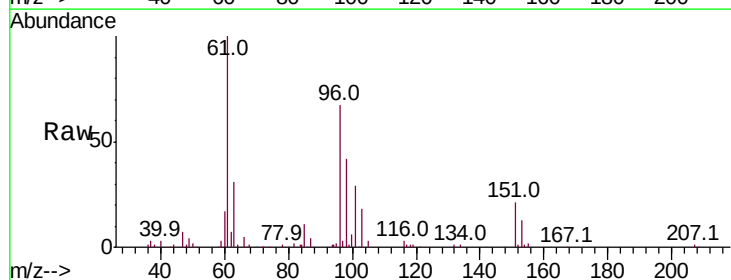
Tot Ion: 59 Resp: 62022
 Ion Ratio Lower Upper
 59 100
 57 6.0 8.2 12.4#

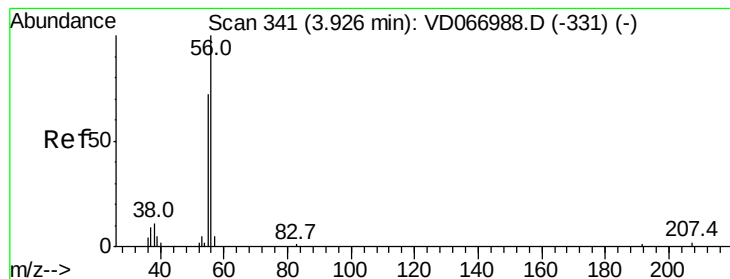


#12

1,1-Dichloroethene
 Concen: 47.935 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 96 Resp: 205593
 Ion Ratio Lower Upper
 96 100
 61 149.1 116.4 174.6
 98 63.1 49.9 74.9





#13

Acrolein

Concen: 180.916 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

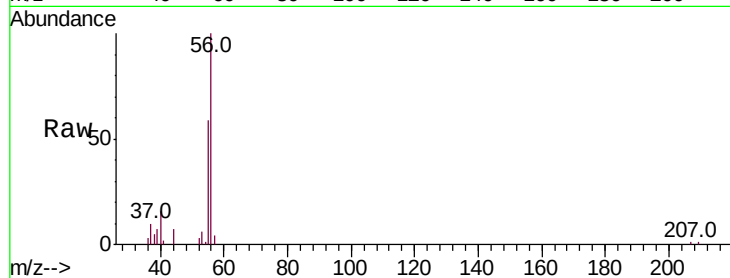
VSTDCCC050EC

Tot Ion: 56 Resp: 53088

Ion Ratio Lower Upper

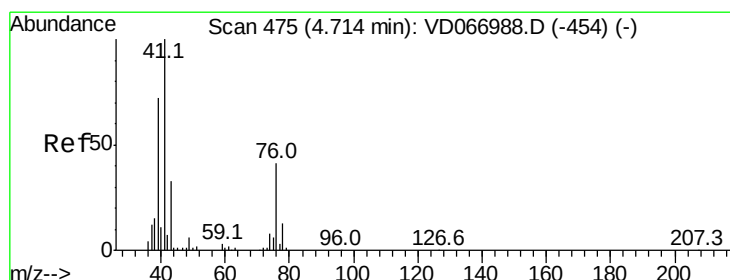
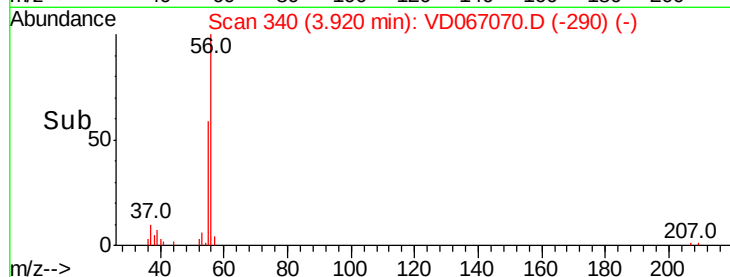
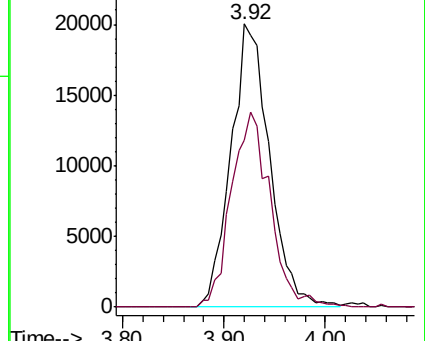
56 100

55 69.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.924 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

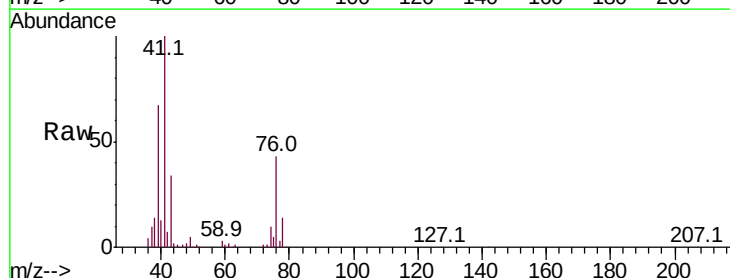
Tgt Ion: 41 Resp: 283739

Ion Ratio Lower Upper

41 100

39 68.9 56.2 84.2

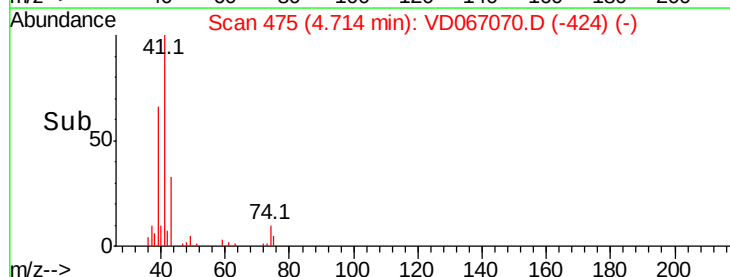
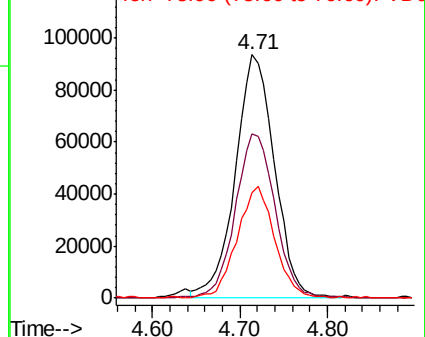
76 43.3 34.2 51.2

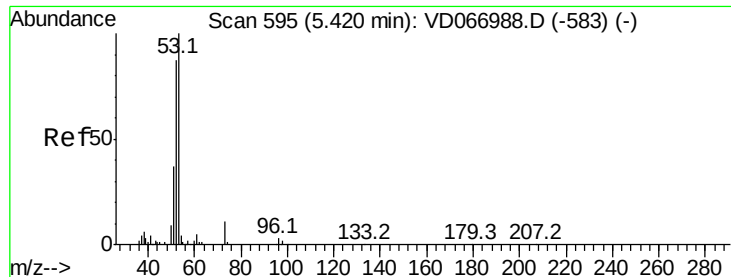


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC



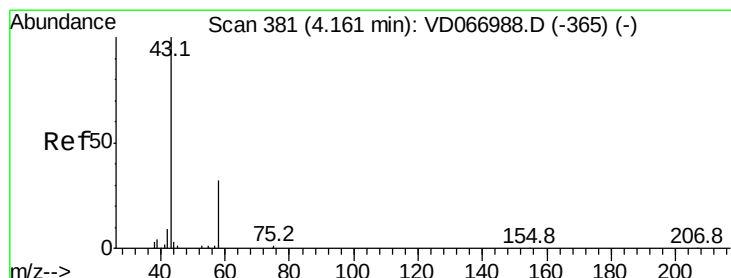
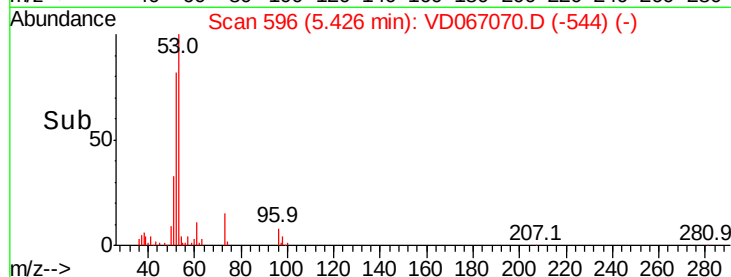
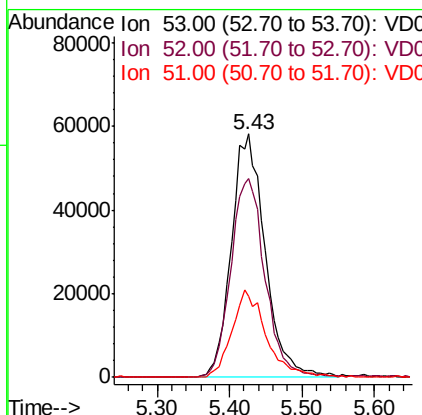
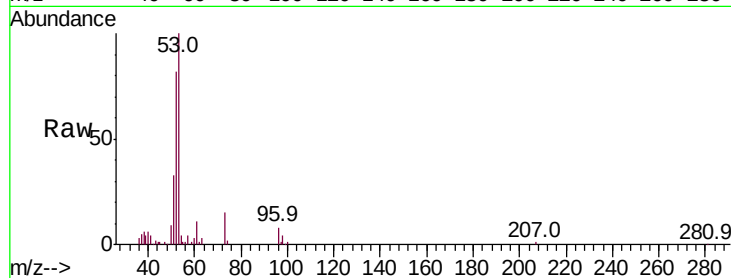


#15
 Acrylonitrile
 Concen: 255.185 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 187996

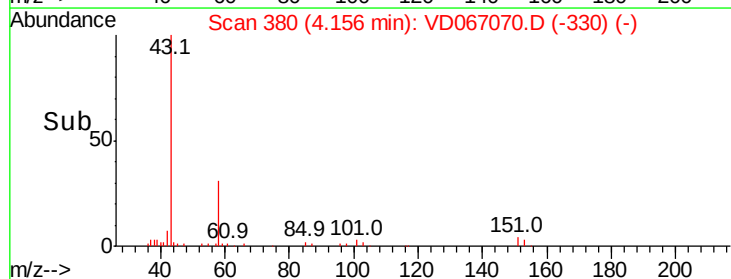
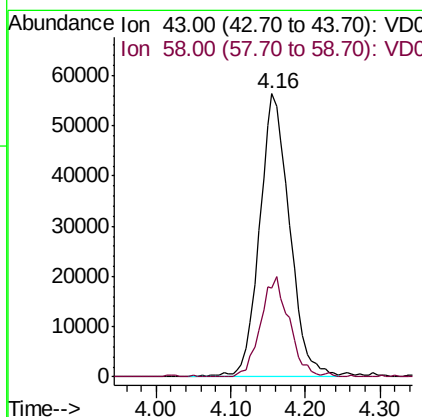
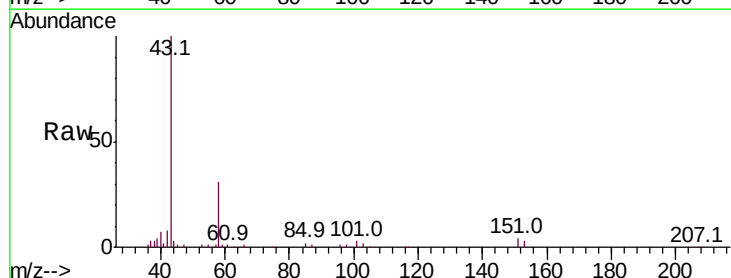
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.3	100.9
51	36.7	30.2	45.2

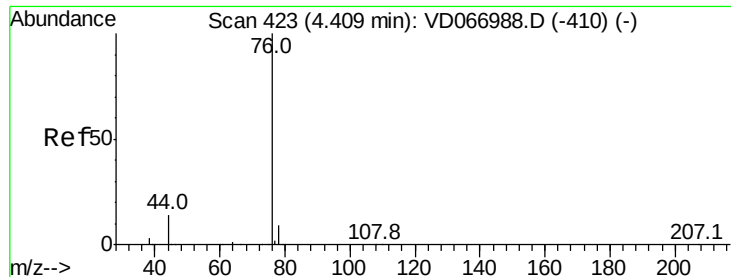


#16
 Acetone
 Concen: 235.185 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 43 Resp: 157331

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.9	38.9





#17

Carbon Disulfide

Concen: 47.830 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

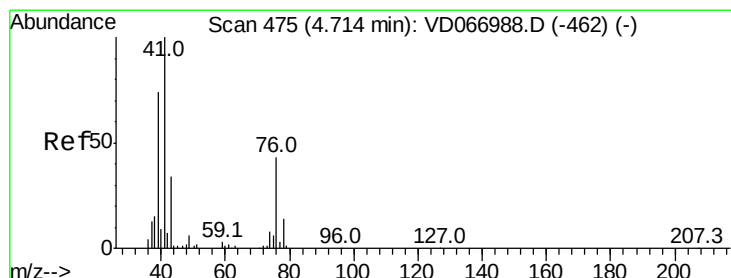
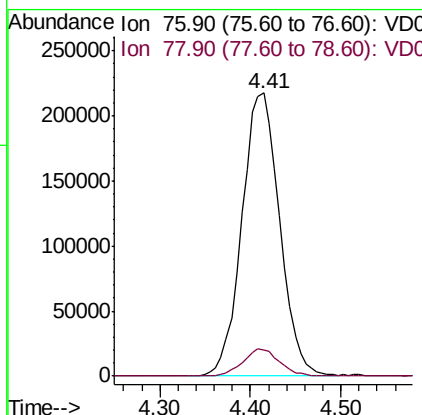
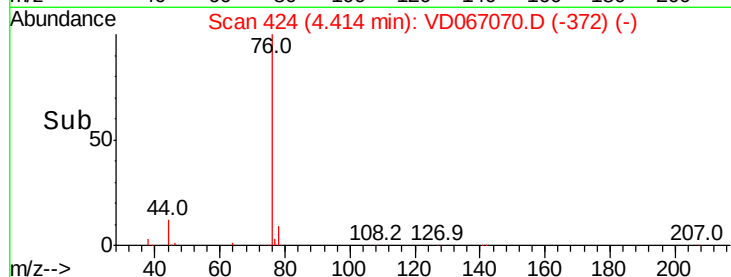
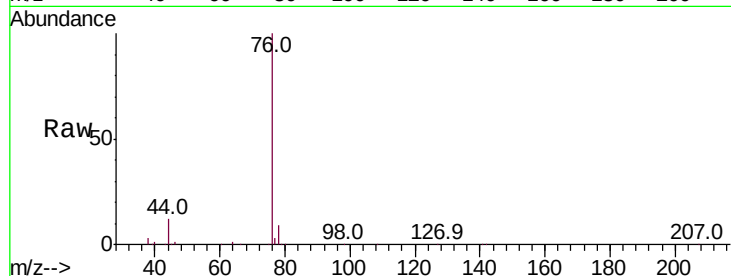
VSTDCCC050EC

Tot Ion: 76 Resp: 629568

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 61.687 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067070.D

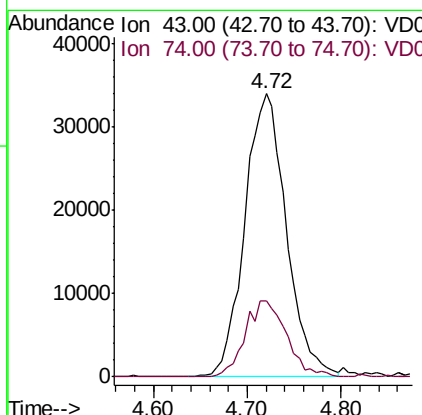
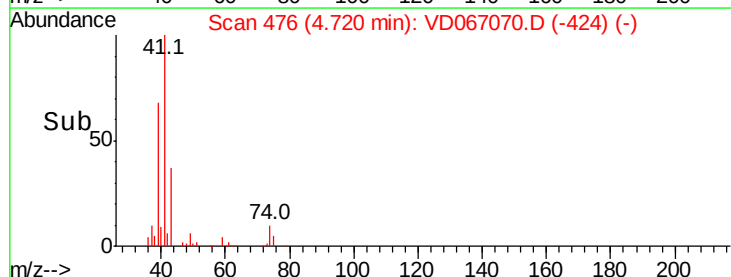
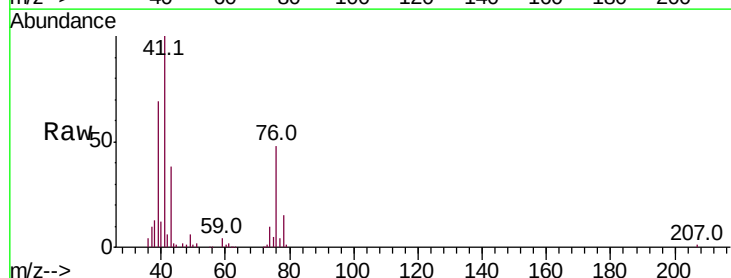
Acq: 03 Oct 2020 08:23

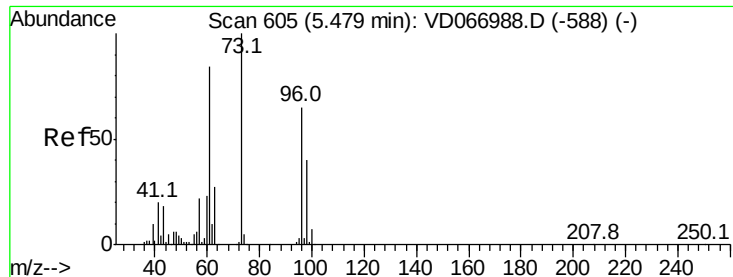
Tgt Ion: 43 Resp: 103718

Ion Ratio Lower Upper

43 100

74 26.8 21.5 32.3

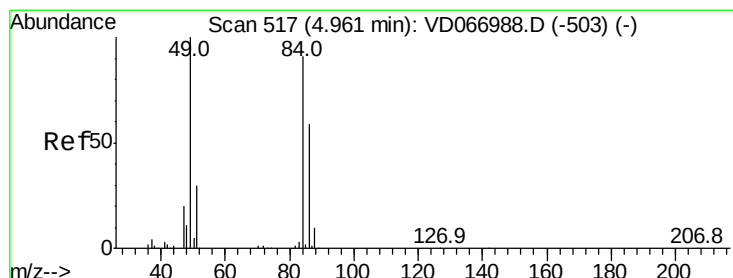
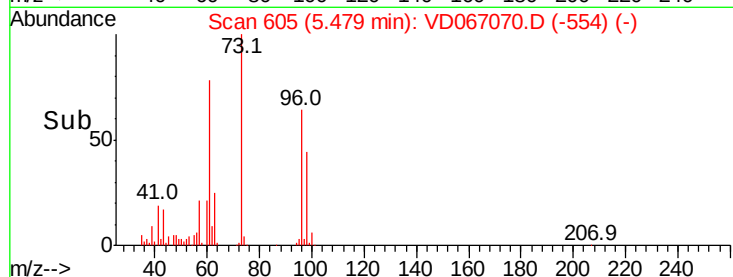
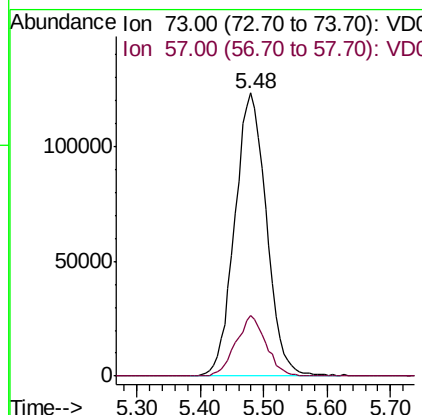
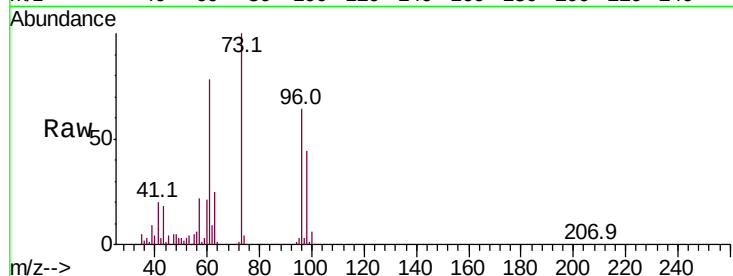




#19
Methyl tert-butyl Ether
Concen: 54.733 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

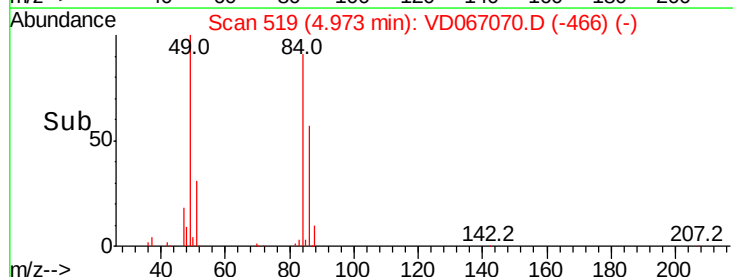
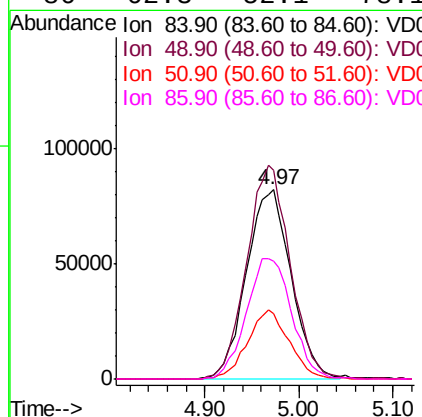
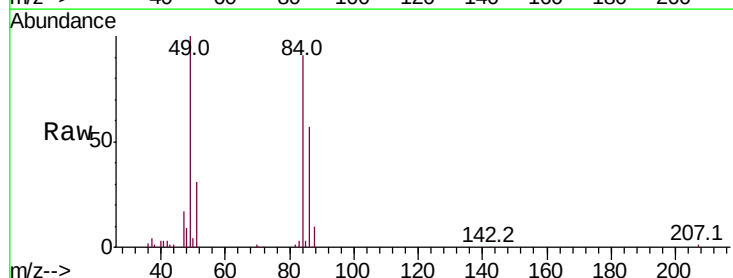
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

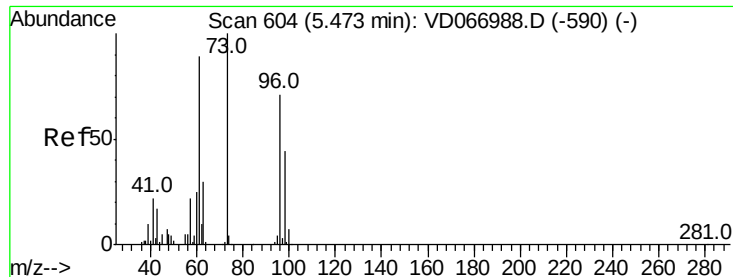
Tot Ion: 73 Resp: 428535
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 58.287 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 84 Resp: 270974
Ion Ratio Lower Upper
84 100
49 110.0 88.2 132.2
51 34.5 26.6 39.8
86 62.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.568 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

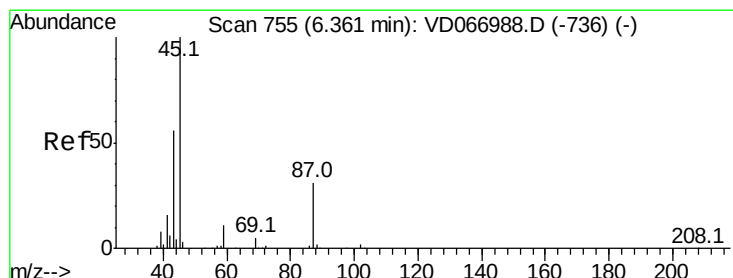
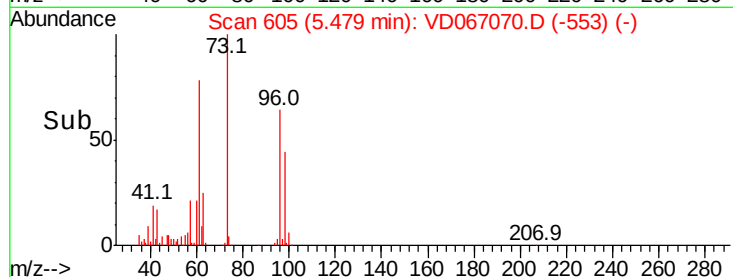
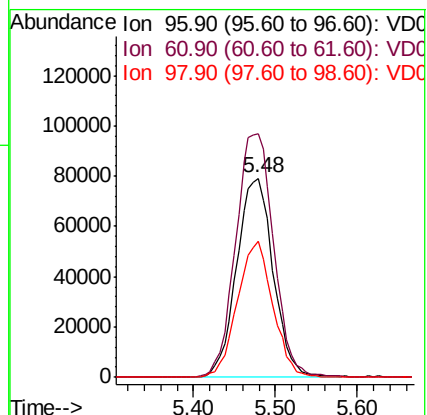
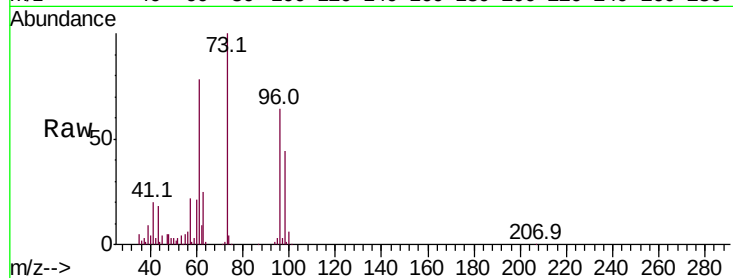
Tot Ion: 96 Resp: 246825

Ion Ratio Lower Upper

96 100

61 122.3 99.6 149.4

98 68.2 49.4 74.2



#22

Diisopropyl ether

Concen: 55.478 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Tgt Ion: 45 Resp: 564326

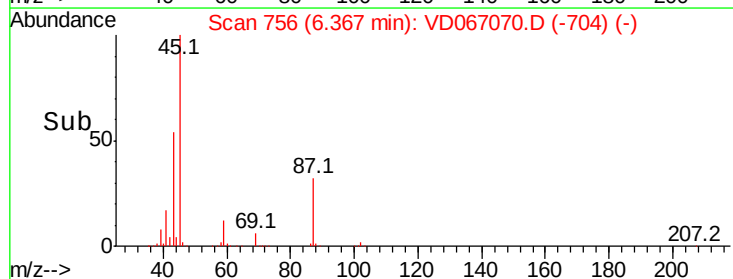
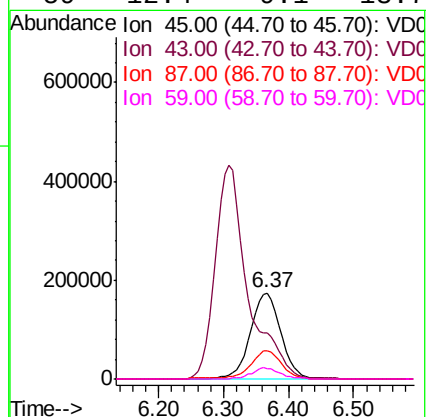
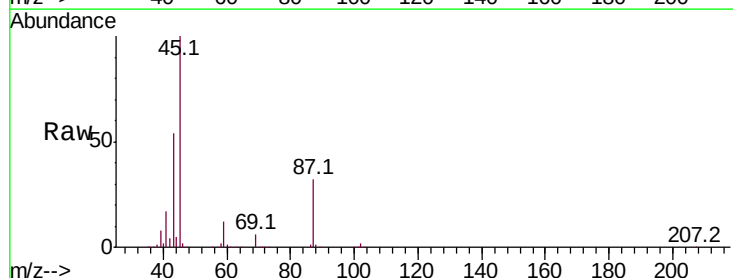
Ion Ratio Lower Upper

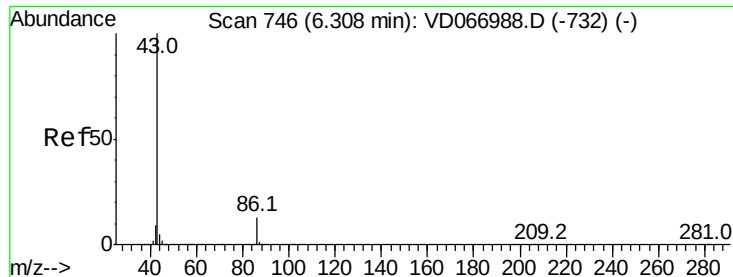
45 100

43 53.7 45.2 67.8

87 32.0 25.6 38.4

59 12.4 9.1 13.7





#23

Vinyl Acetate

Concen: 260.530 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

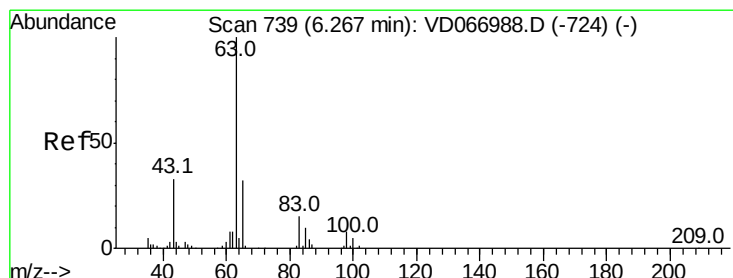
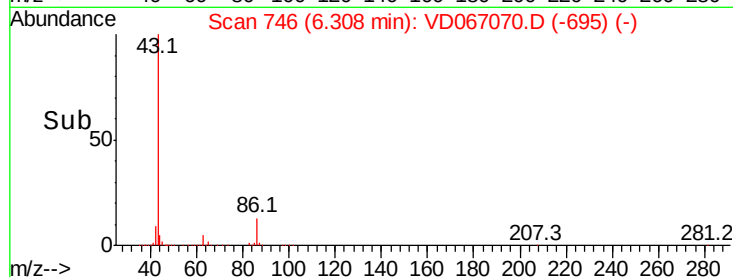
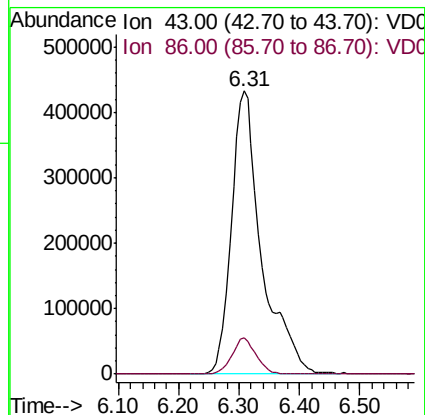
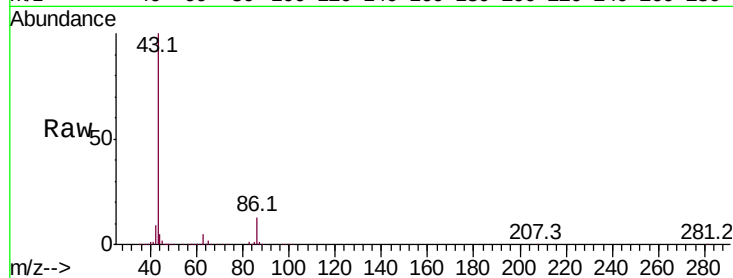
VSTDCCC050EC

Tot Ion: 43 Resp: 1501725

Ion Ratio Lower Upper

43 100

86 12.9 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.817 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

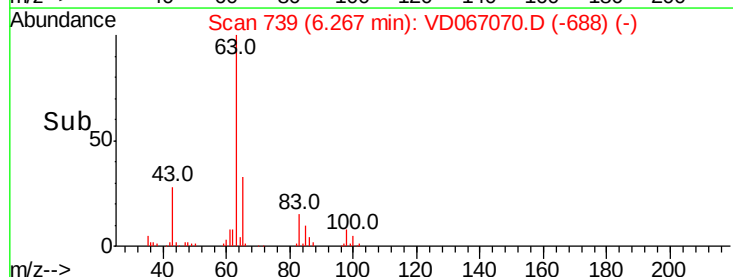
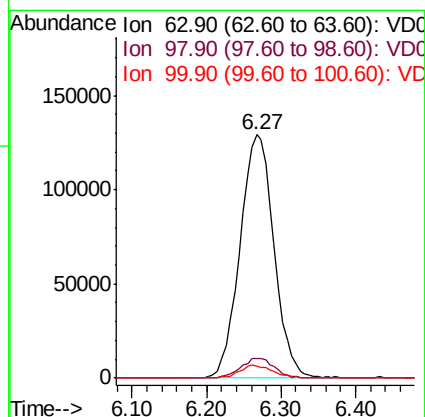
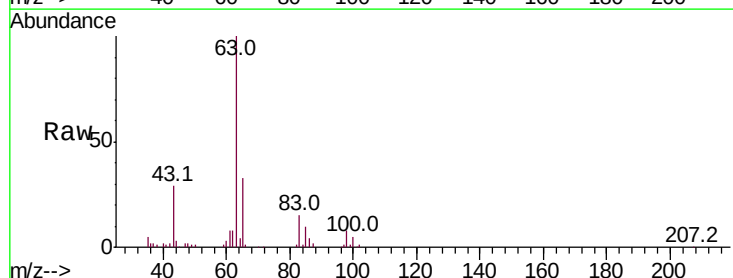
Tgt Ion: 63 Resp: 406779

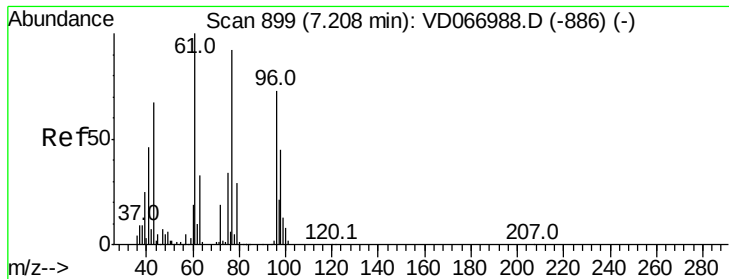
Ion Ratio Lower Upper

63 100

98 8.3 4.2 12.6

100 4.6 2.6 7.8





#25

2-Butanone

Concen: 250.390 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

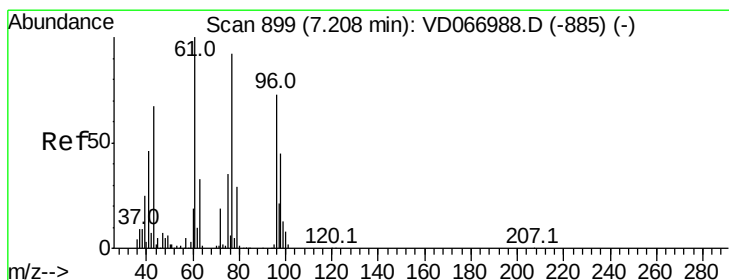
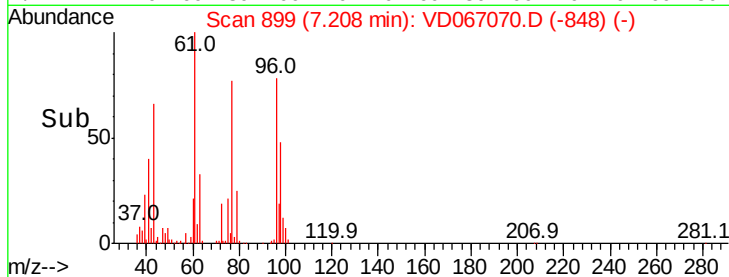
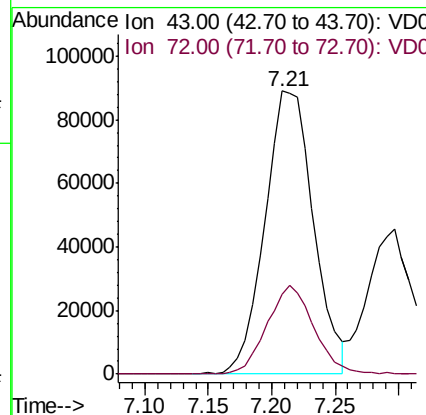
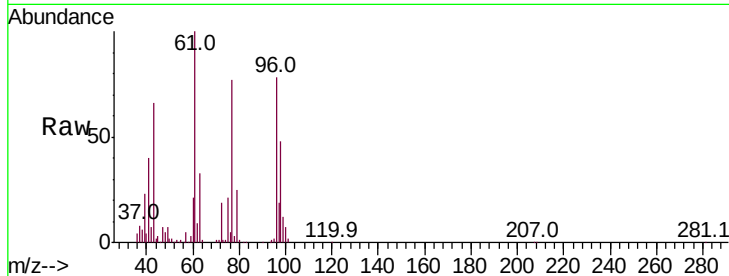
VSTDCCC050EC

Tot Ion: 43 Resp: 237480

Ion Ratio Lower Upper

43 100

72 28.1 22.8 34.2



#26

2,2-Dichloropropane

Concen: 44.653 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067070.D

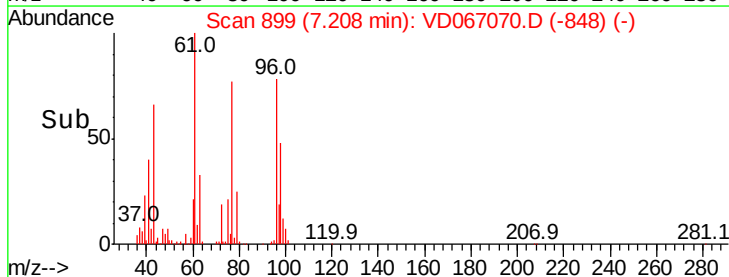
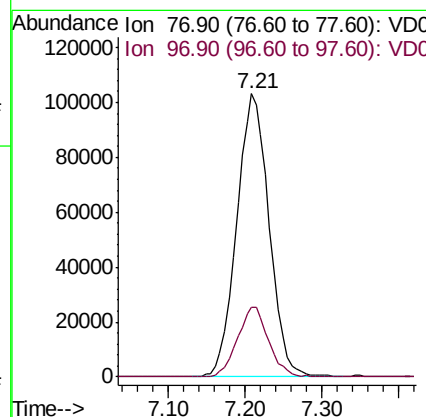
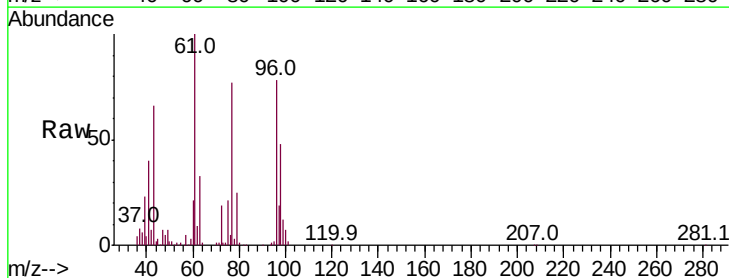
Acq: 03 Oct 2020 08:23

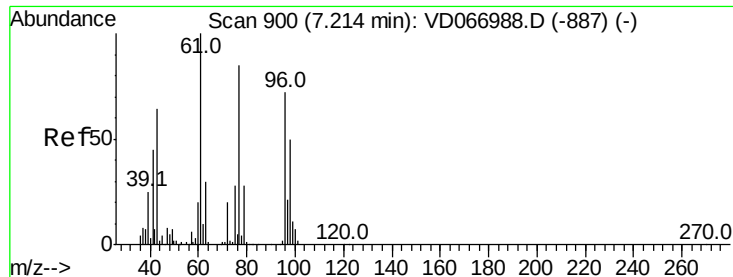
Tgt Ion: 77 Resp: 302703

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.2



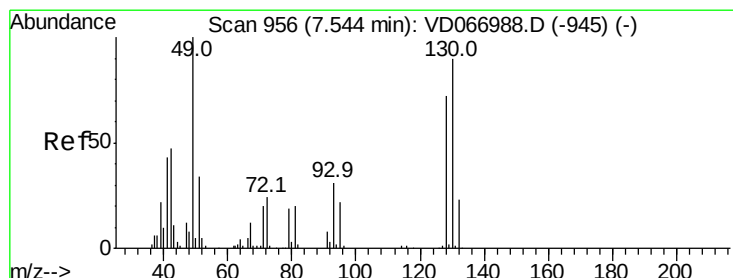
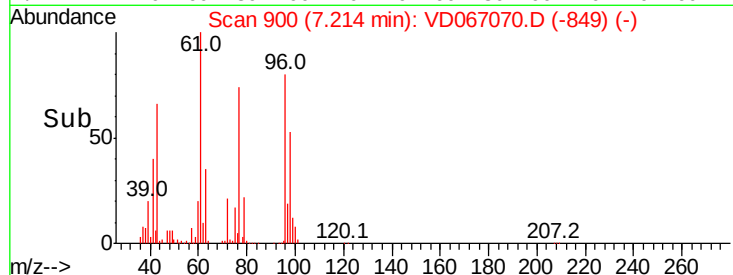
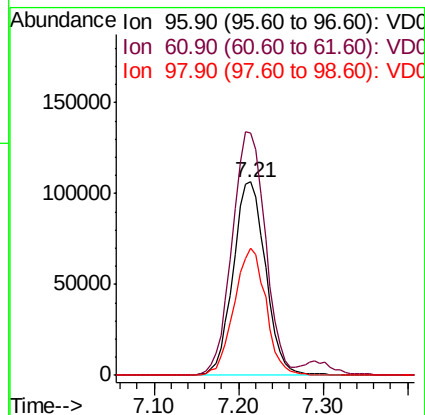
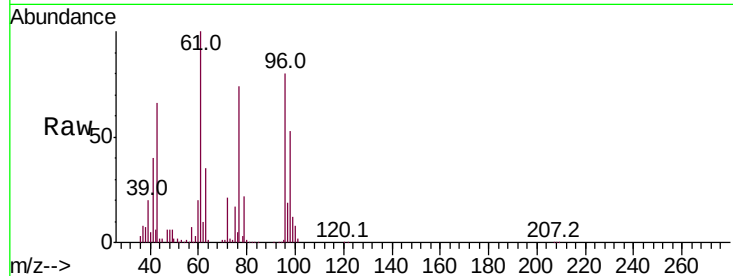


#27

cis-1,2-Dichloroethene
 Concen: 54.126 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

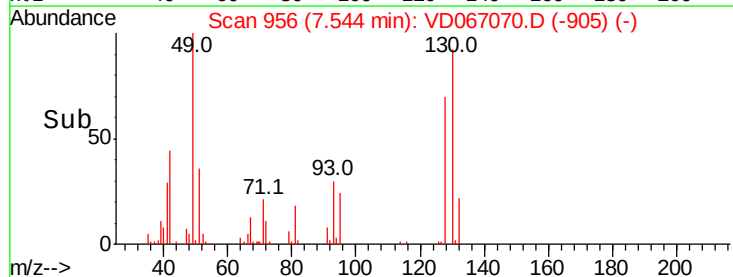
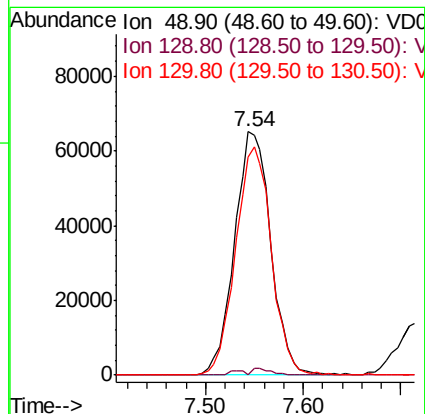
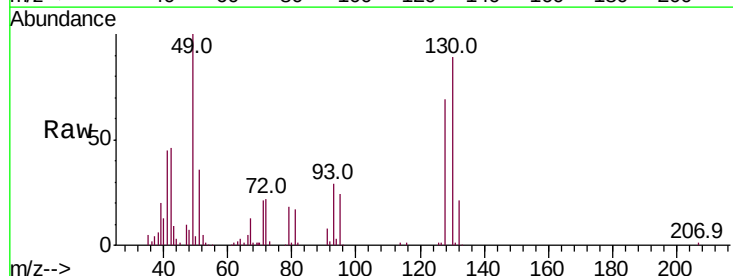
Tot Ion: 96 Resp: 282154
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 269.2
 98 64.5 0.0 129.4

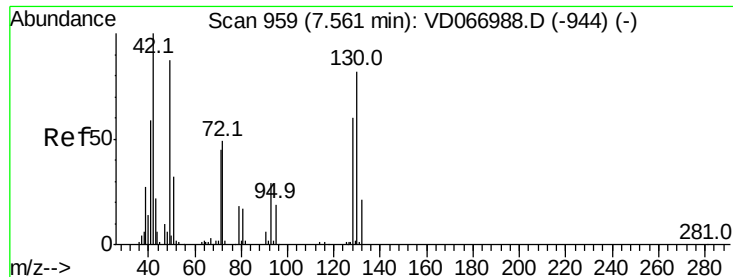


#28

Bromochloromethane
 Concen: 55.600 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 49 Resp: 168562
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 92.8 74.1 111.1

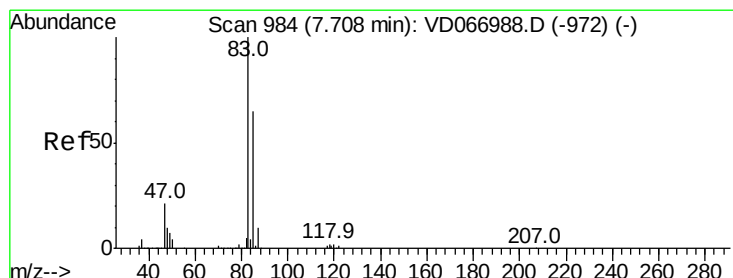
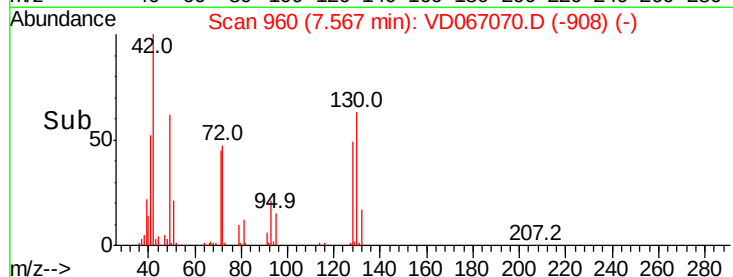
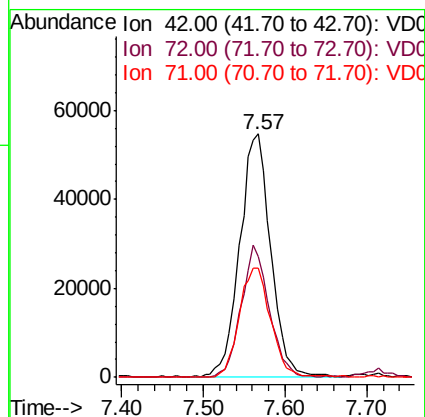
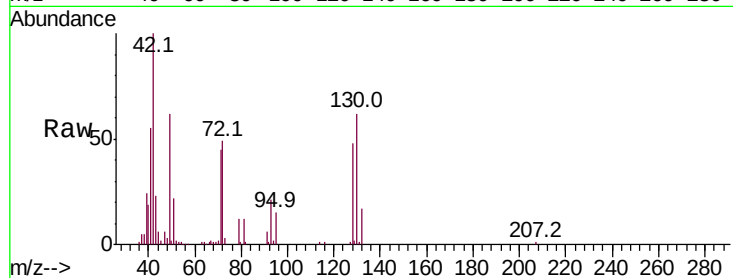




#29
Tetrahydrofuran
Concen: 265.727 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

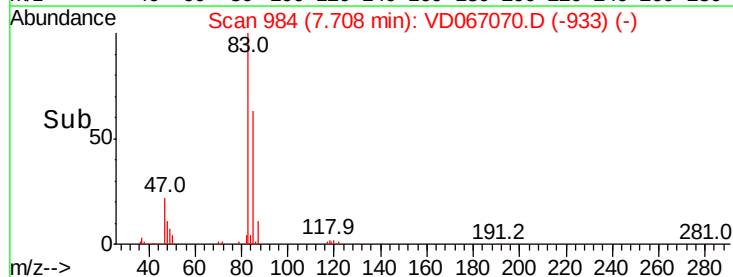
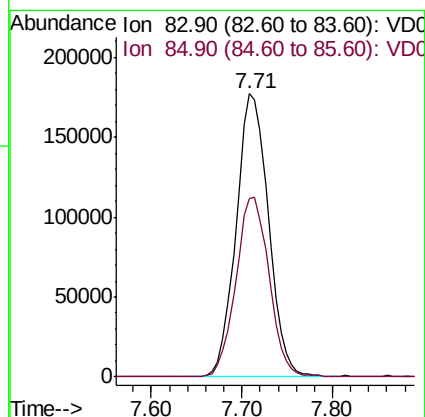
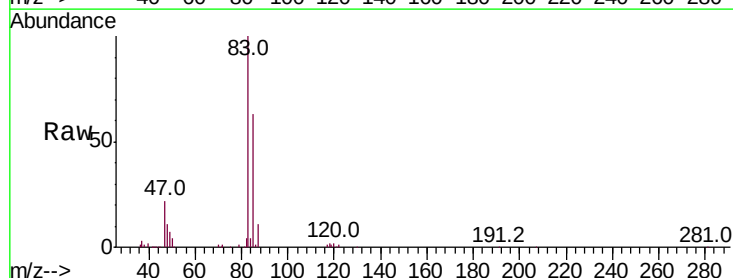
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

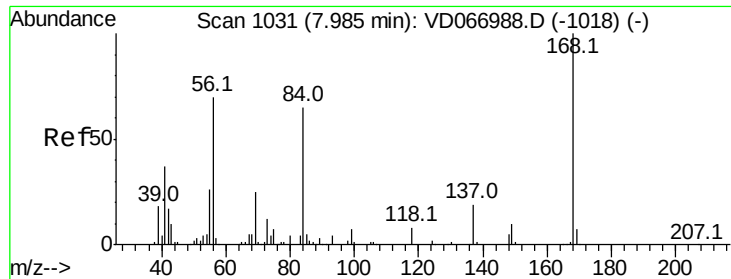
Tot Ion: 42 Resp: 144913
Ion Ratio Lower Upper
42 100
72 48.9 39.1 58.7
71 45.1 34.2 51.4



#30
Chloroform
Concen: 51.799 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 83 Resp: 441111
Ion Ratio Lower Upper
83 100
85 63.0 52.3 78.5

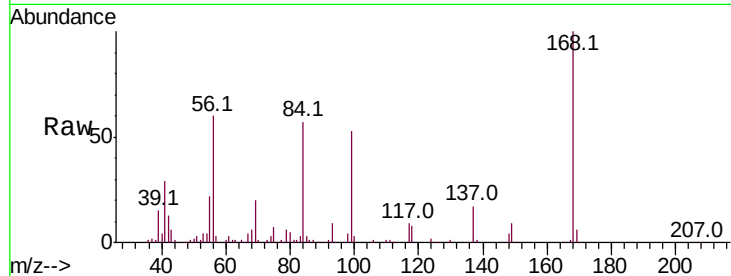




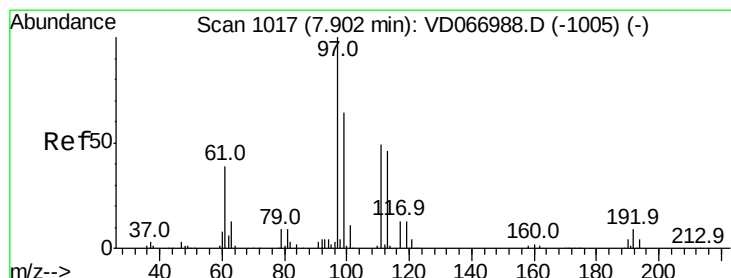
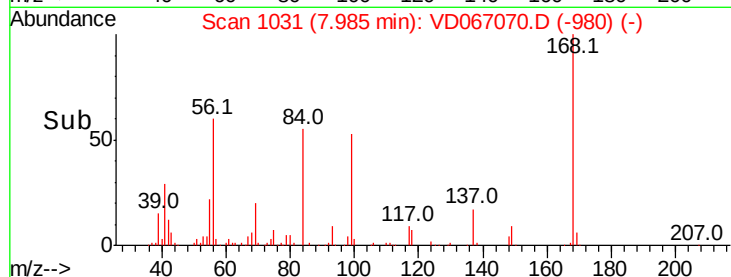
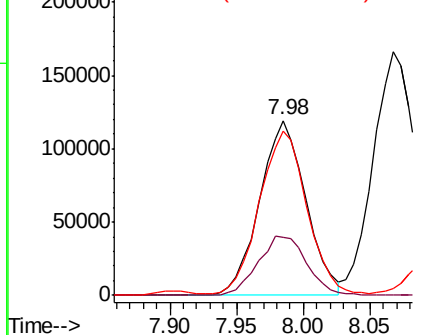
#31
Cyclohexane
Concen: 43.594 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 286912
Ion Ratio Lower Upper
56 100
69 33.4 29.0 43.6
84 92.5 74.2 111.2

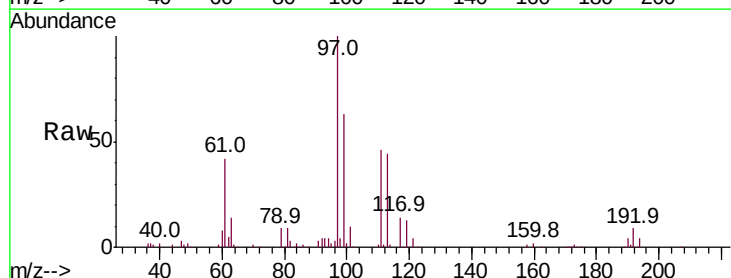


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

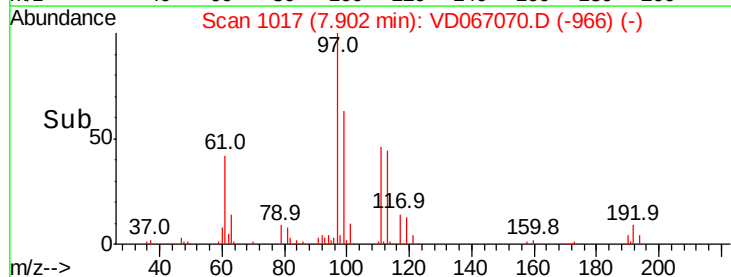
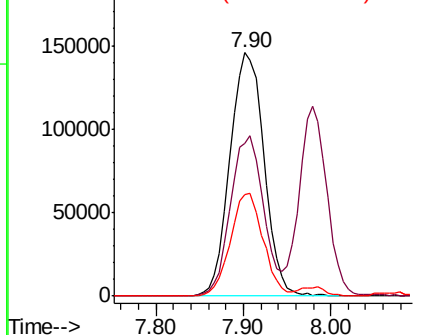


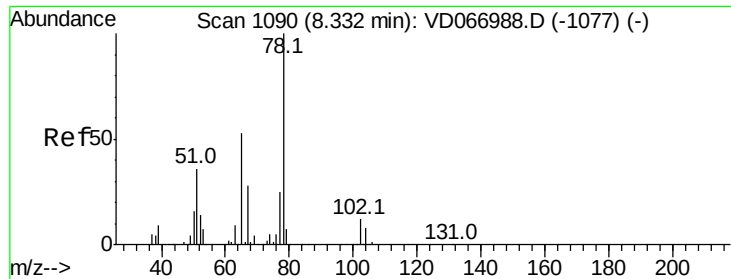
#32
1,1,1-Trichloroethane
Concen: 49.015 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 97 Resp: 386840
Ion Ratio Lower Upper
97 100
99 63.9 52.6 78.8
61 40.5 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

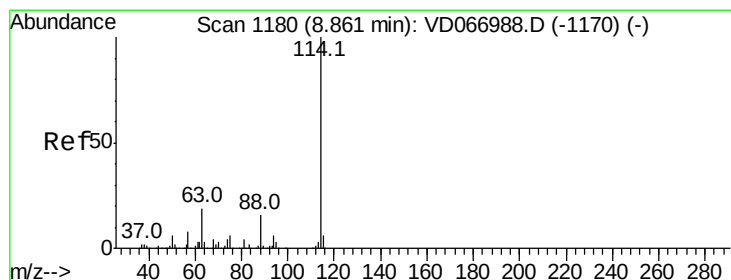
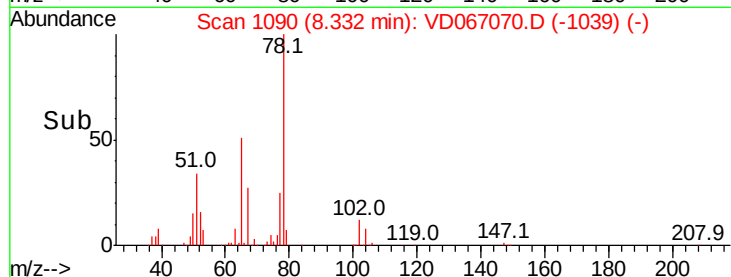
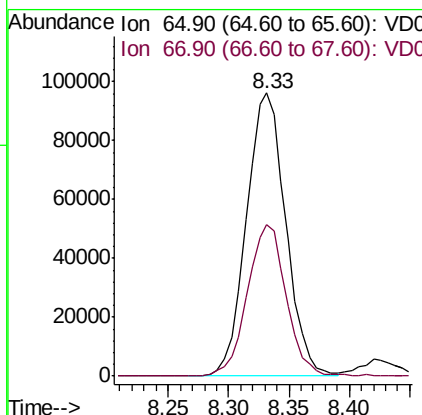
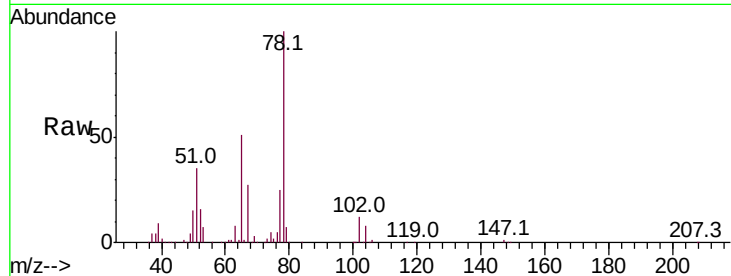




#33
 1,2-Dichloroethane-d4
 Concen: 49.878 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

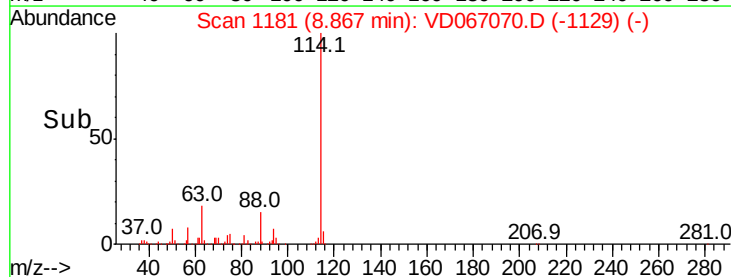
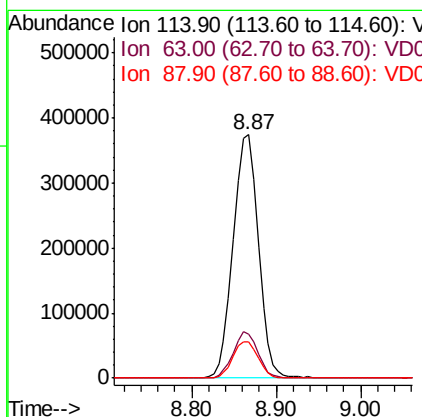
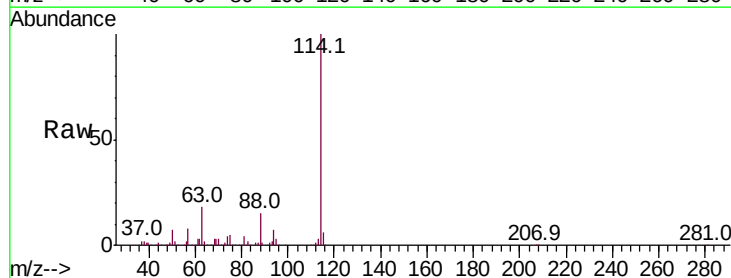
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

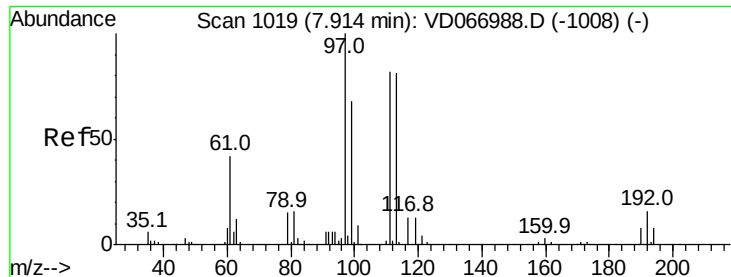
Tot Ion: 65 Resp: 218582
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 114 Resp: 773270
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.4
 88 15.1 0.0 31.2

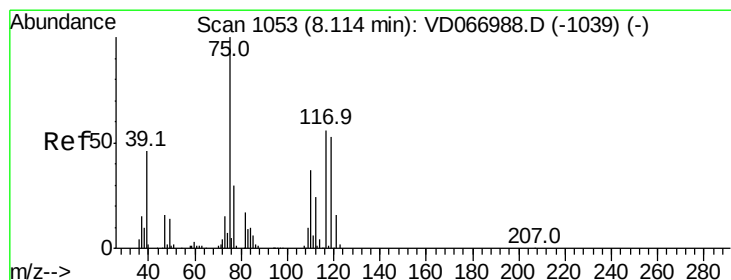
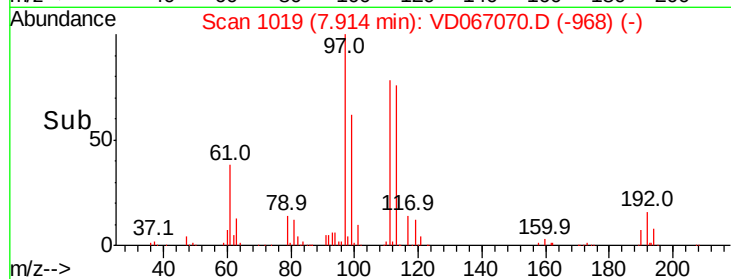
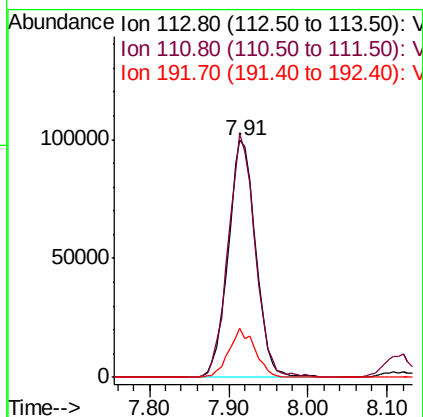
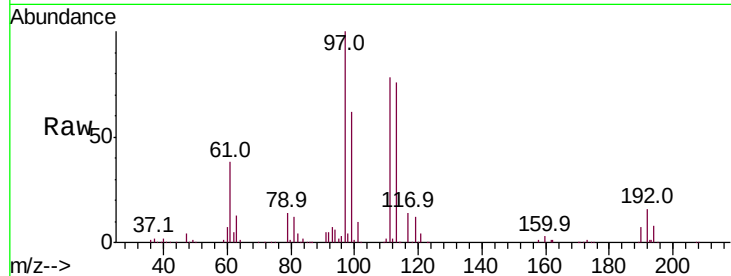




#35
 Dibromofluoromethane
 Concen: 47.286 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

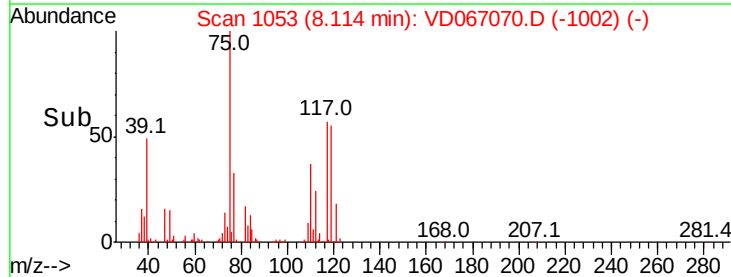
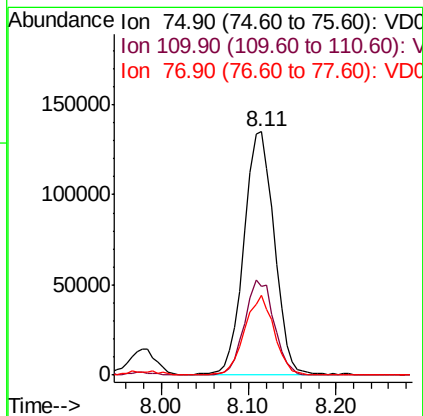
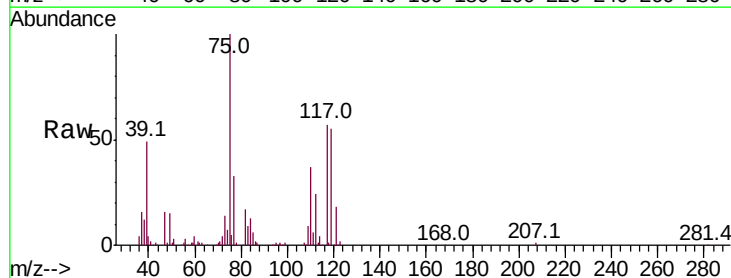
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

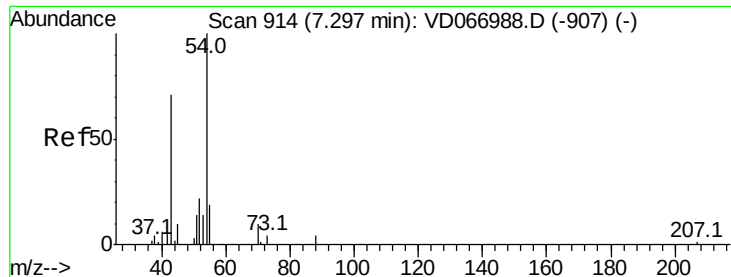
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.0	124.4
192	19.5	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 43.686 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.4	55.0
77	32.1	24.8	37.2

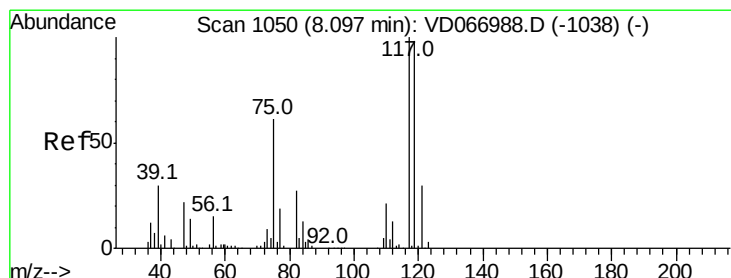
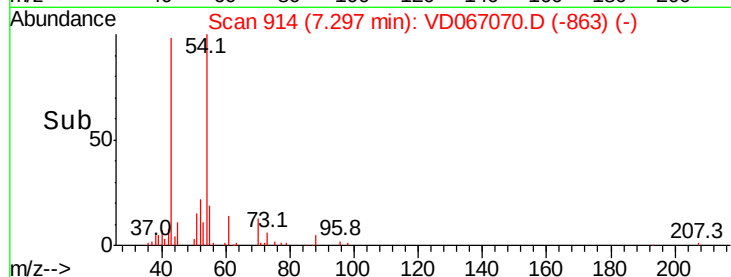
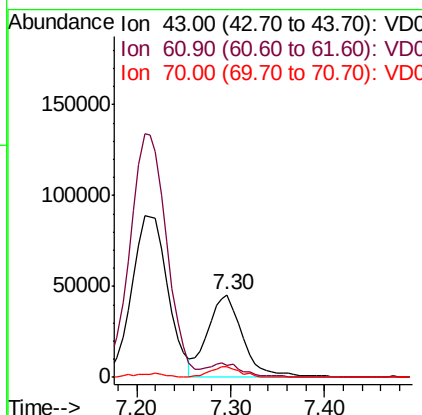
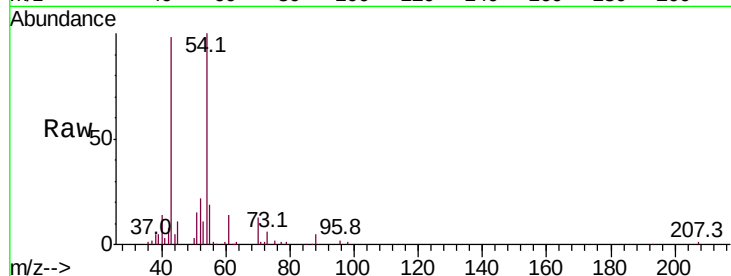




#37
Ethyl Acetate
Concen: 46.972 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

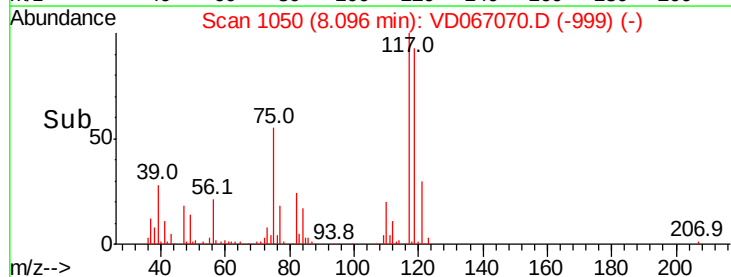
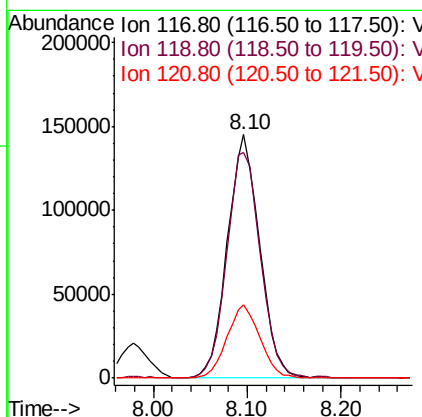
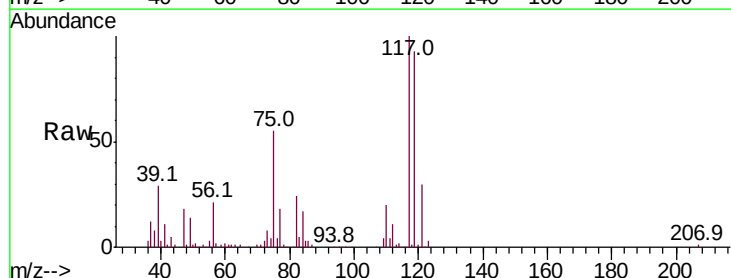
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

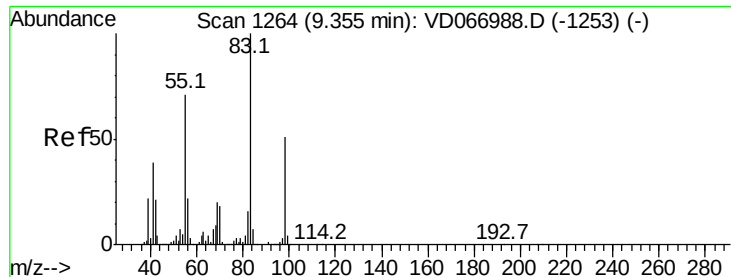
Tot Ion: 43 Resp: 117287
Ion Ratio Lower Upper
43 100
61 17.2 12.5 18.7
70 12.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 44.059 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 117 Resp: 343600
Ion Ratio Lower Upper
117 100
119 92.6 78.7 118.1
121 30.1 24.2 36.2

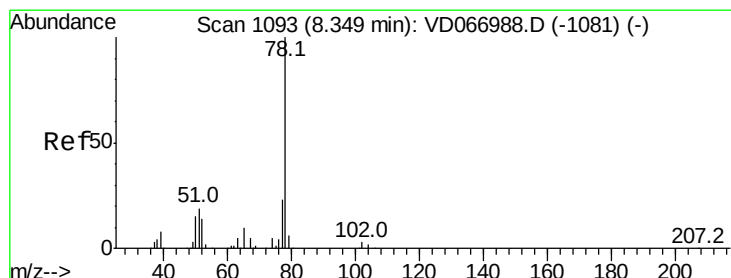
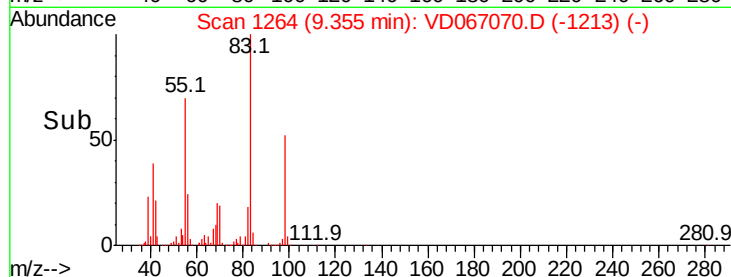
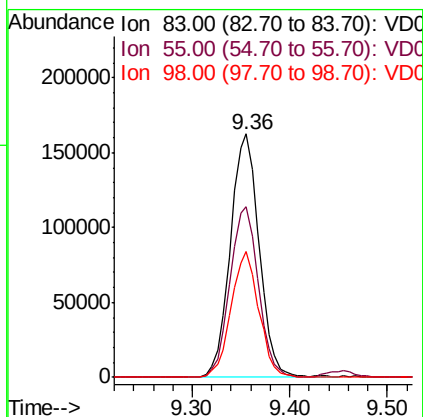
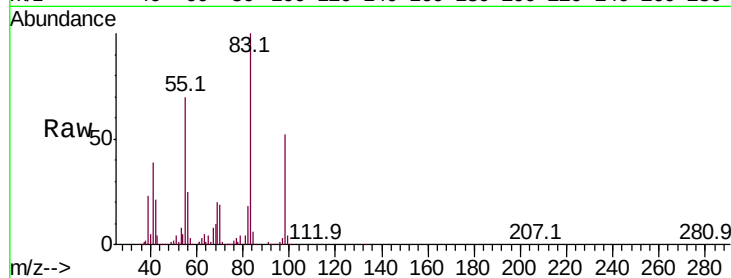




#39
Methylvlcyclohexane
Concen: 43.712 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

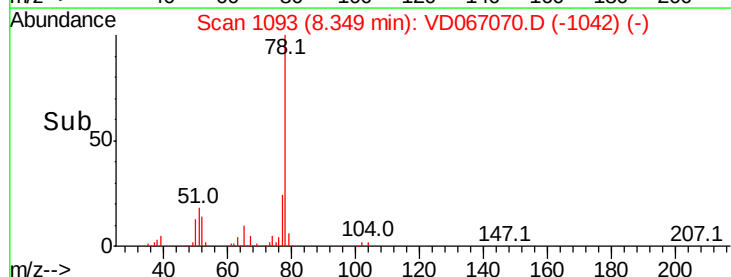
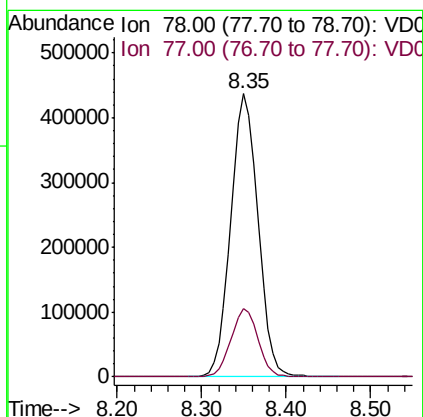
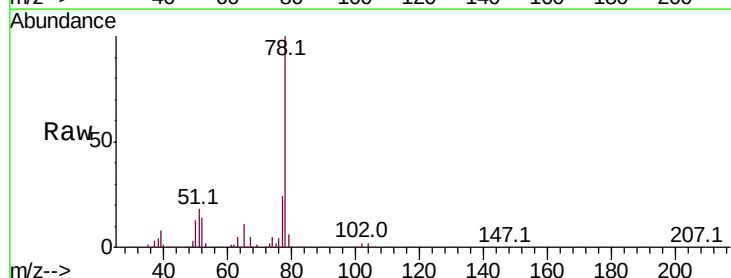
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

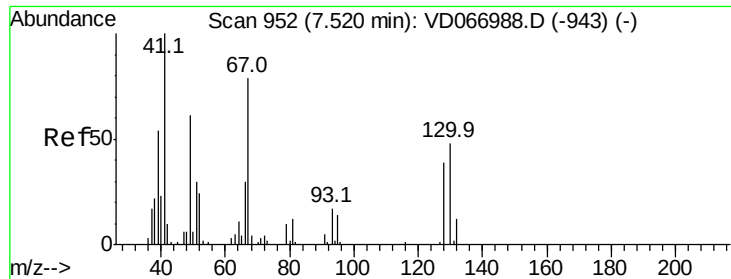
Tot Ion: 83 Resp: 333098
Ion Ratio Lower Upper
83 100
55 70.2 57.1 85.7
98 51.8 40.9 61.3



#40
Benzene
Concen: 48.516 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 78 Resp: 971278
Ion Ratio Lower Upper
78 100
77 24.2 18.4 27.6

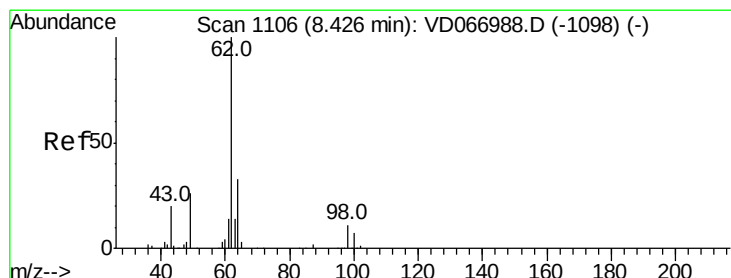
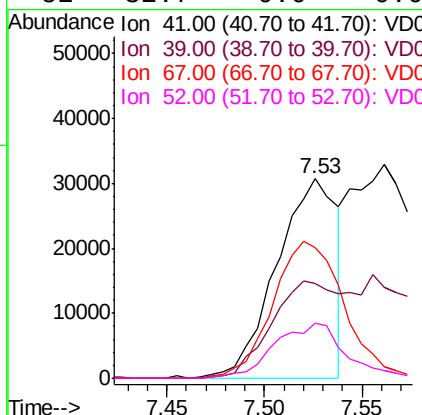
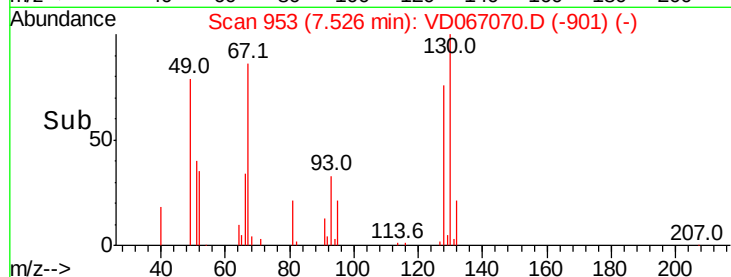
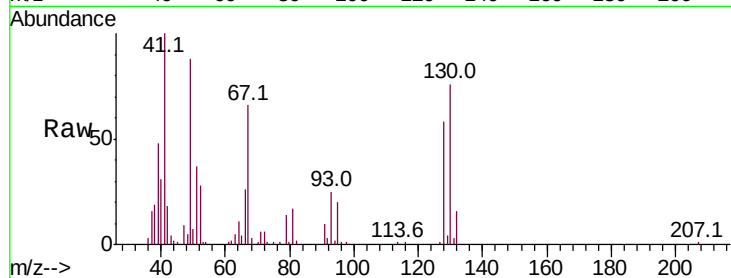




#41
Methacrylonitrile
Concen: 49.124 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

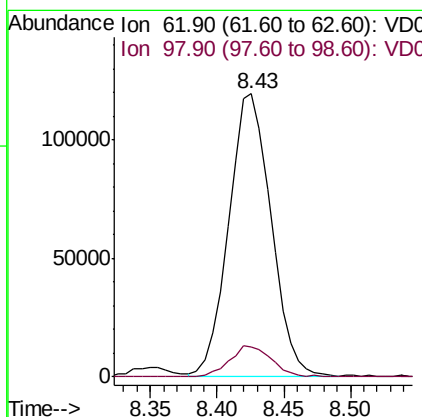
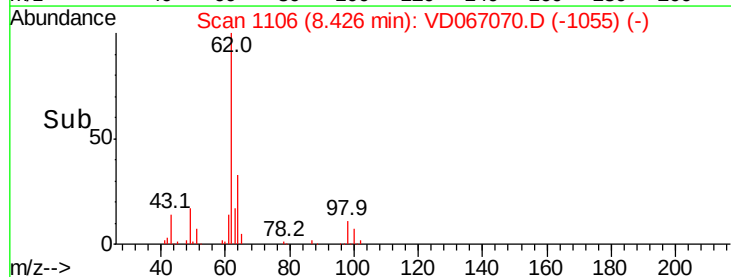
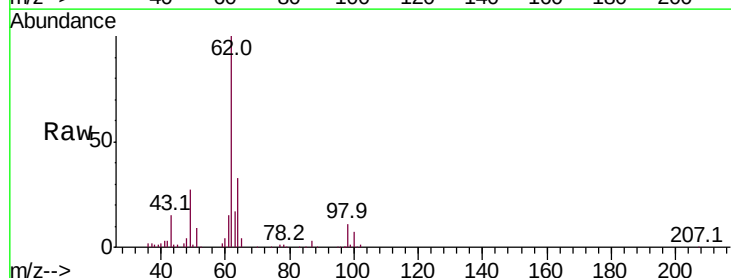
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

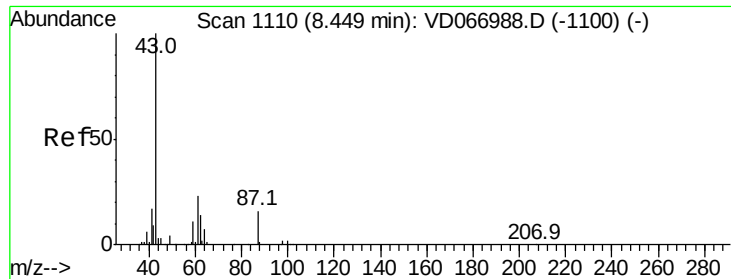
Tot Ion: 41 Resp: 66267
Ion Ratio Lower Upper
41 100
39 52.0 0.0 0.0#
67 80.7 0.0 0.0#
52 32.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 46.930 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 62 Resp: 262533
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.6





#43

Isopropyl Acetate

Concen: 45.980 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

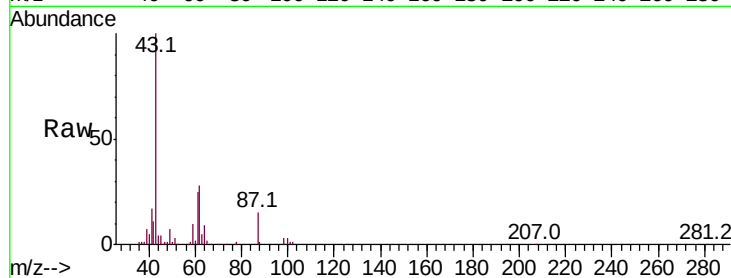
Tot Ion: 43 Resp: 211504

Ion Ratio Lower Upper

43 100

61 35.5 27.1 40.7

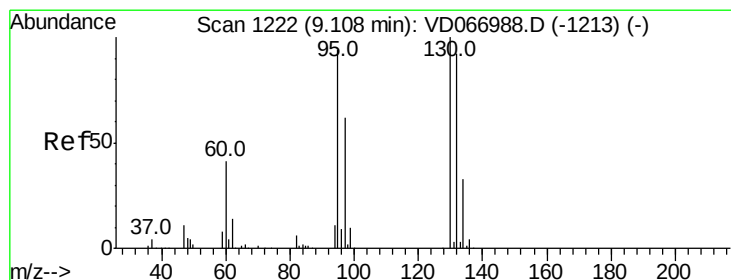
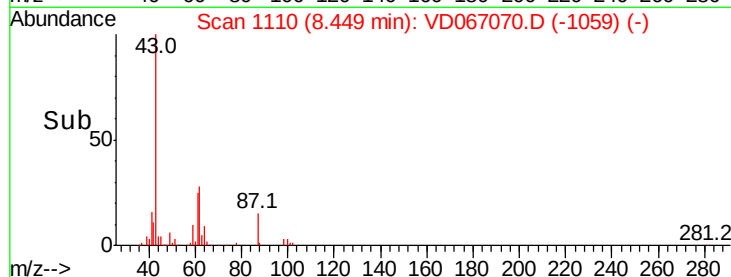
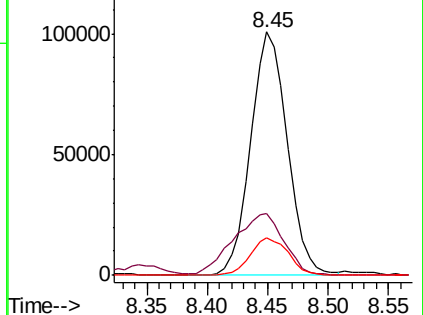
87 16.1 12.3 18.5



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: 45.824 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067070.D

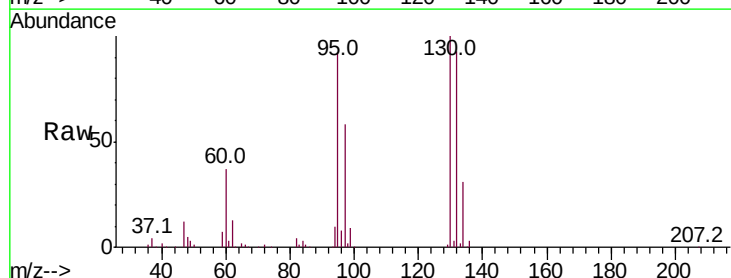
Acq: 03 Oct 2020 08:23

Tgt Ion:130 Resp: 273942

Ion Ratio Lower Upper

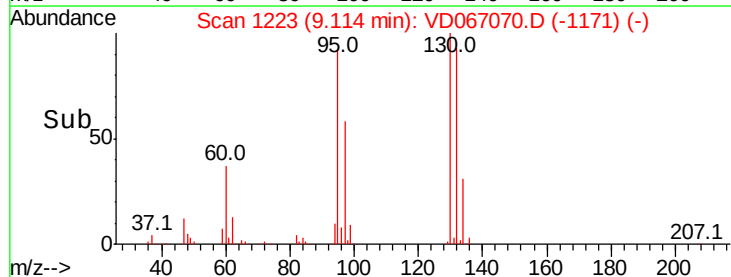
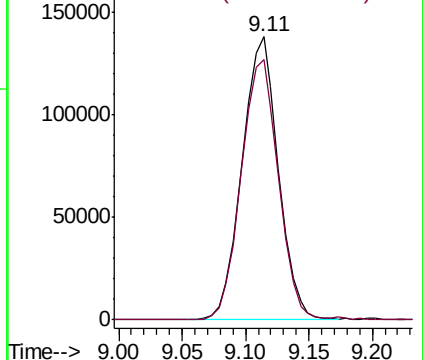
130 100

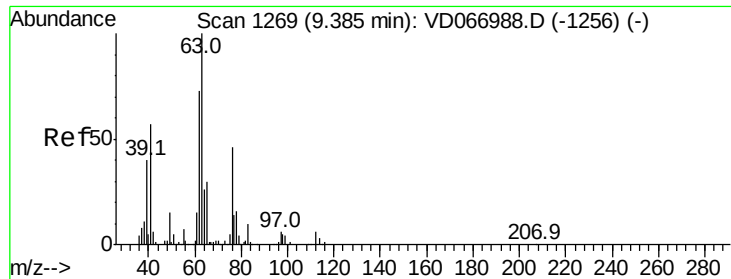
95 92.2 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.750 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

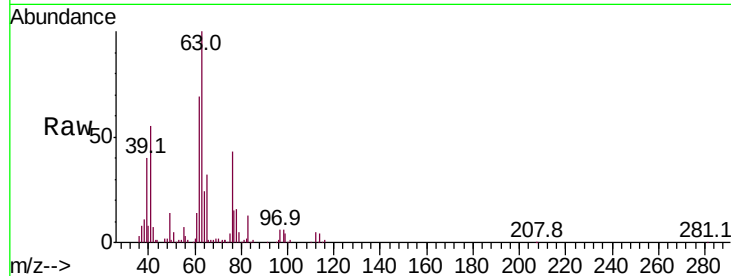
VSTDCCC050EC

Tot Ion: 63 Resp: 234018

Ion Ratio Lower Upper

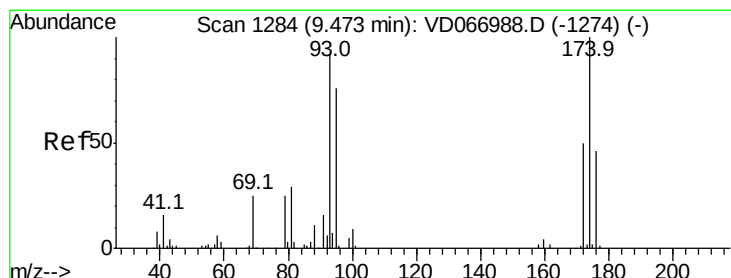
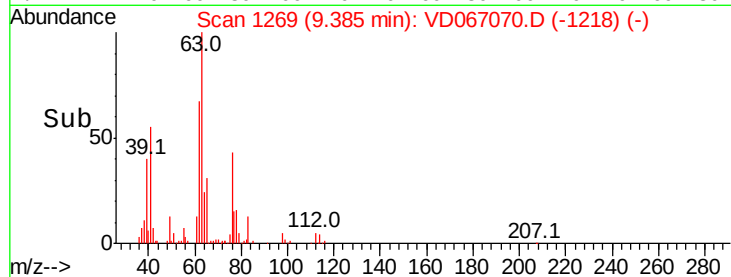
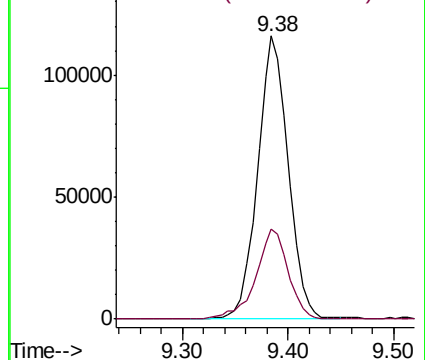
63 100

65 31.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 48.134 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

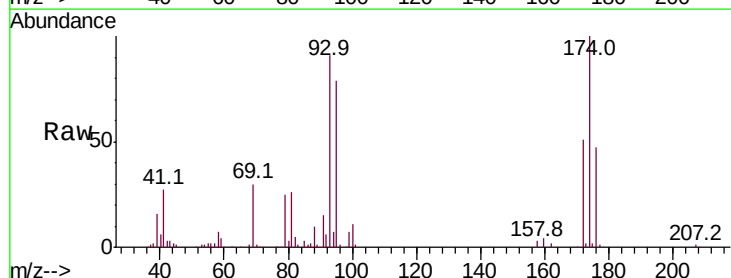
Tgt Ion: 93 Resp: 130134

Ion Ratio Lower Upper

93 100

95 82.5 64.7 97.1

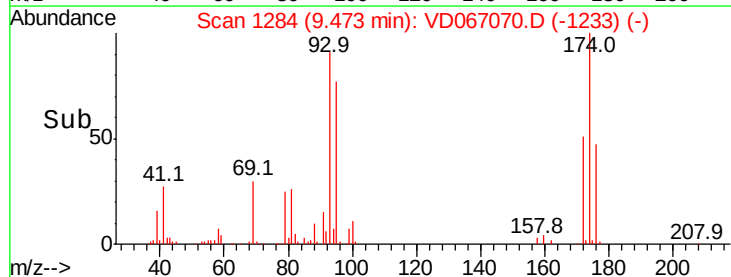
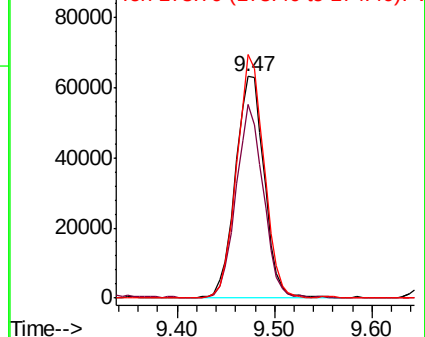
174 103.8 81.4 122.2

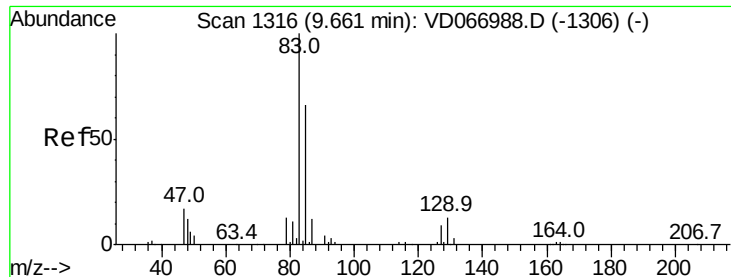


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.342 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

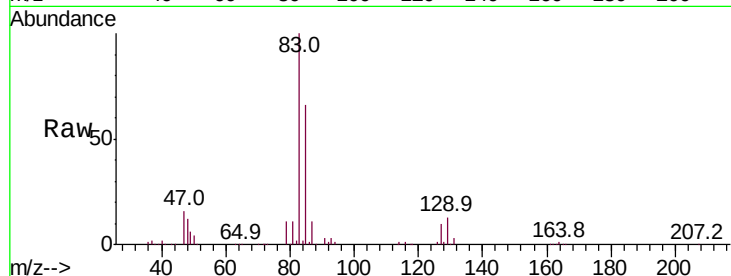
Tot Ion: 83 Resp: 339739

Ion Ratio Lower Upper

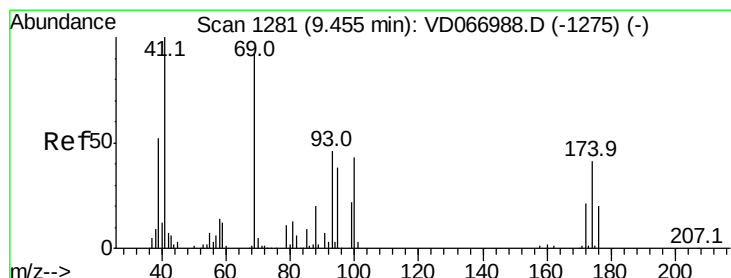
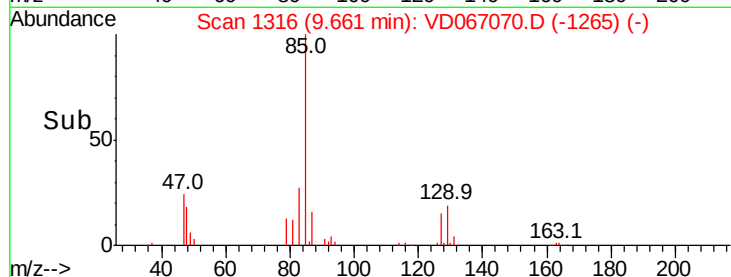
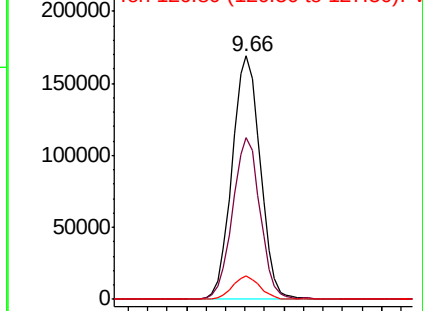
83 100

85 66.3 52.9 79.3

127 9.7 7.3 10.9



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: 44.977 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

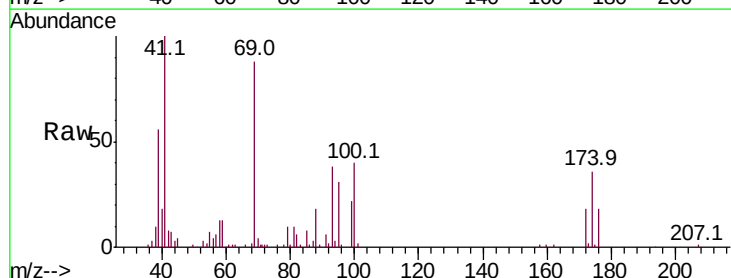
Tgt Ion: 41 Resp: 105992

Ion Ratio Lower Upper

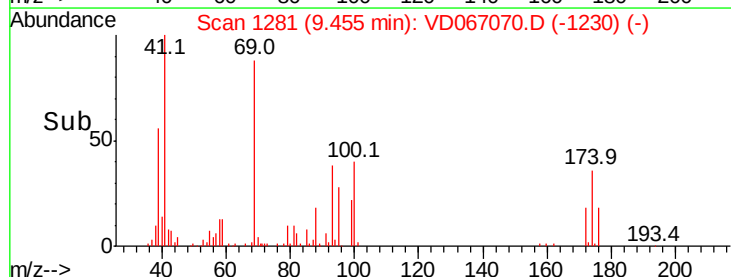
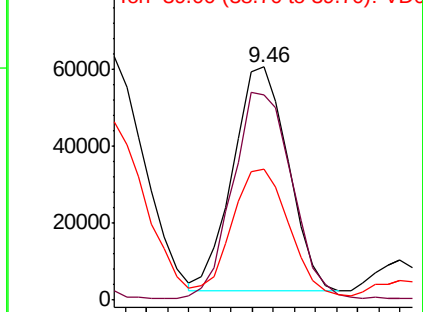
41 100

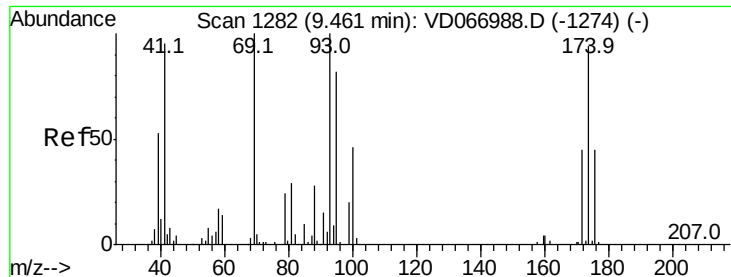
69 99.2 68.5 102.7

39 62.9 40.2 60.2#



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





#49

1,4-Dioxane

Concen: 923.283 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

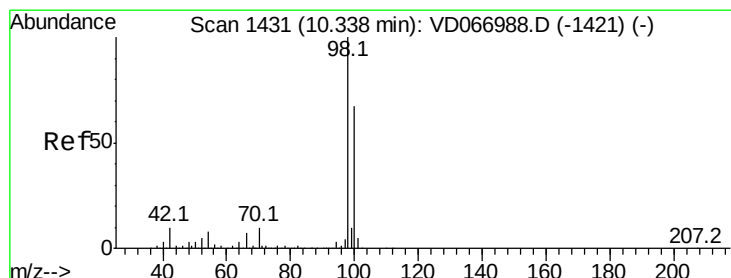
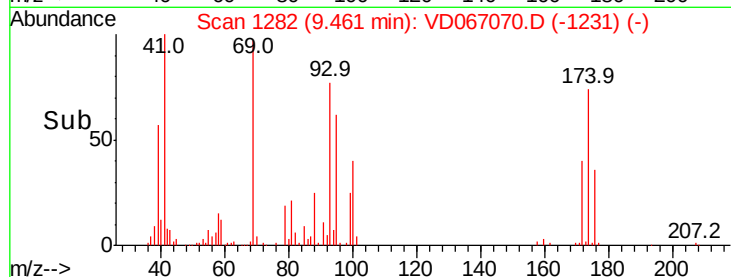
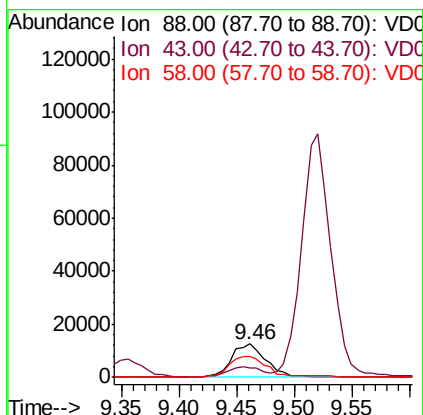
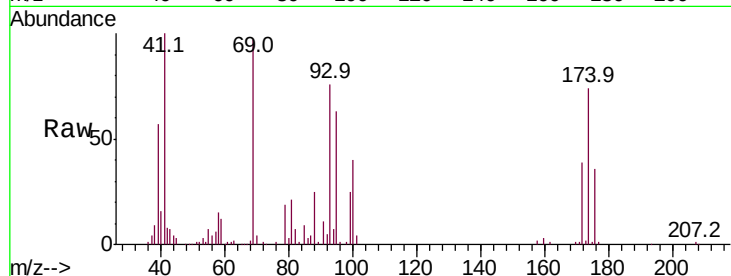
Tot Ion: 88 Resp: 26052

Ion Ratio Lower Upper

88 100

43 32.9 25.6 38.4

58 67.4 53.5 80.3



#50

Toluene-d8

Concen: 47.983 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067070.D

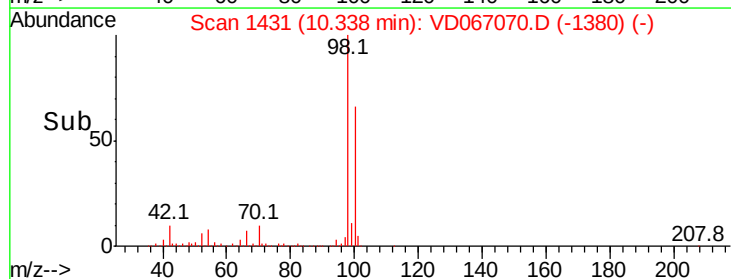
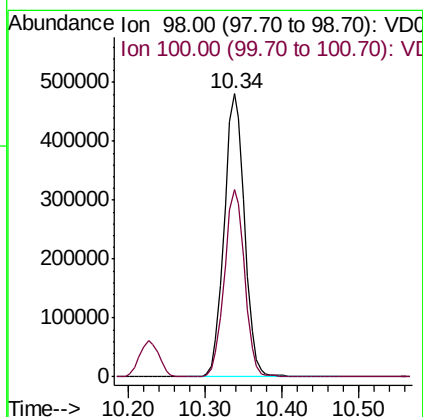
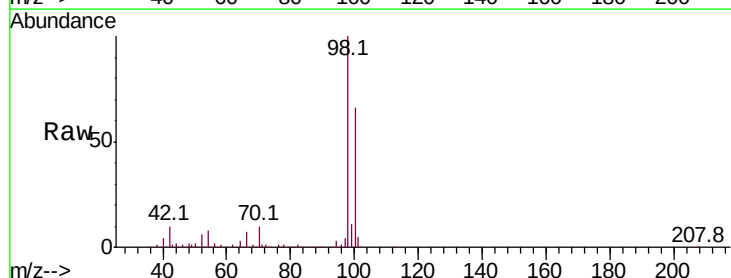
Acq: 03 Oct 2020 08:23

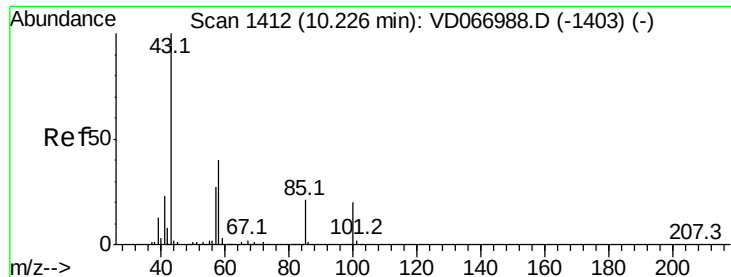
Tgt Ion: 98 Resp: 885132

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2

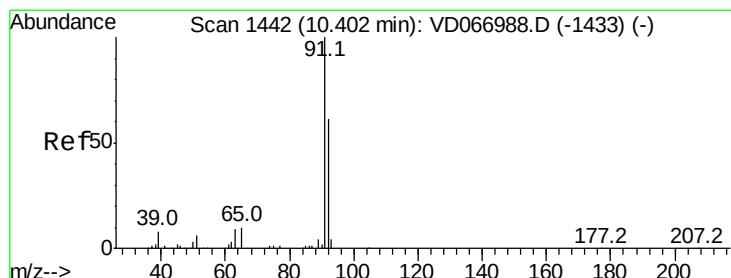
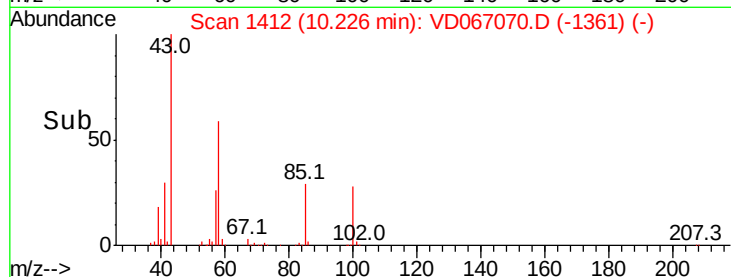
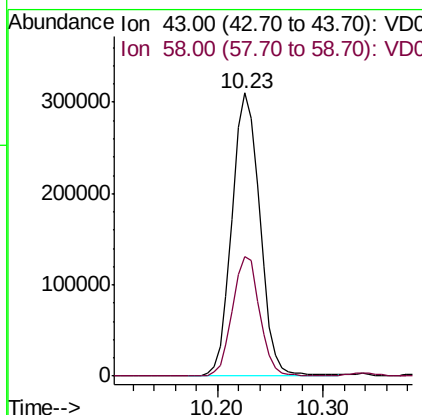
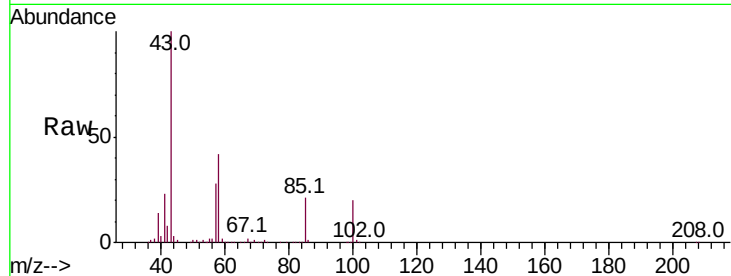




#51
 4-Methyl-2-Pentanone
 Concen: 247.502 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

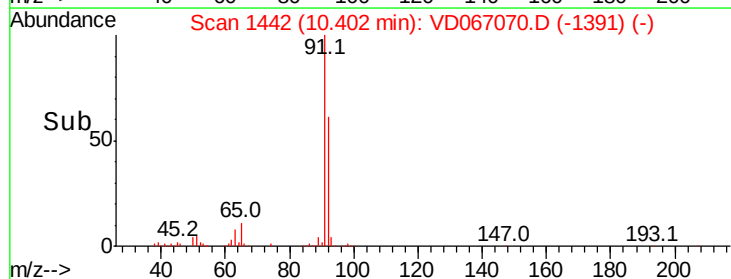
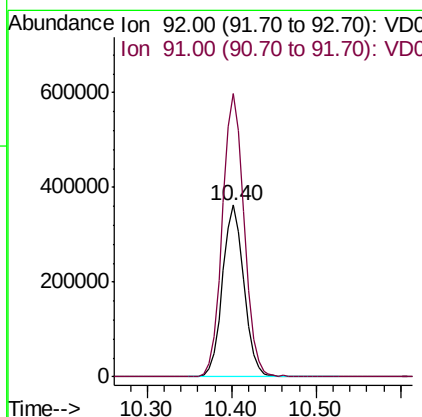
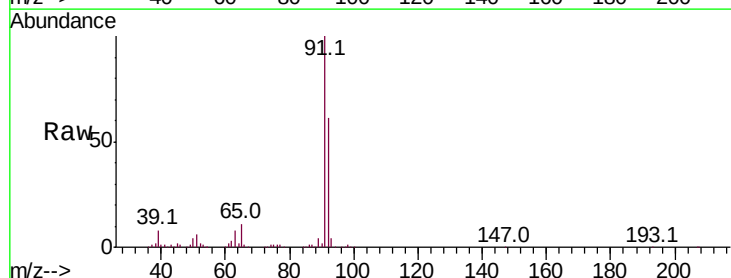
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

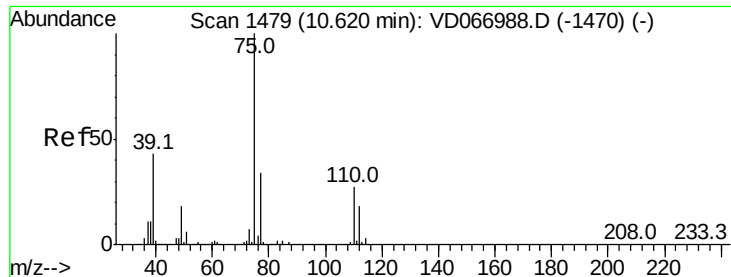
Tot Ion: 43 Resp: 567080
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.8 50.8



#52
 Toluene
 Concen: 49.347 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 92 Resp: 636397
 Ion Ratio Lower Upper
 92 100
 91 167.6 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 46.766 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

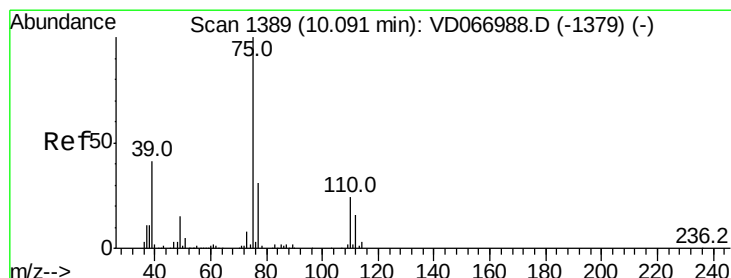
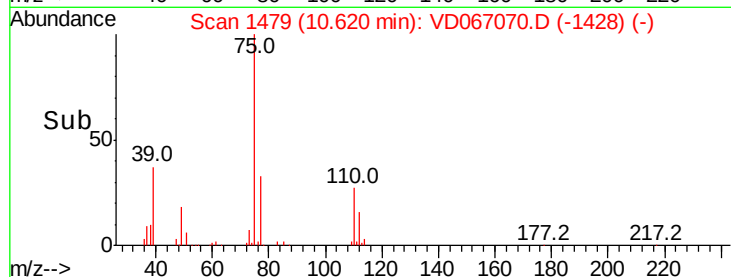
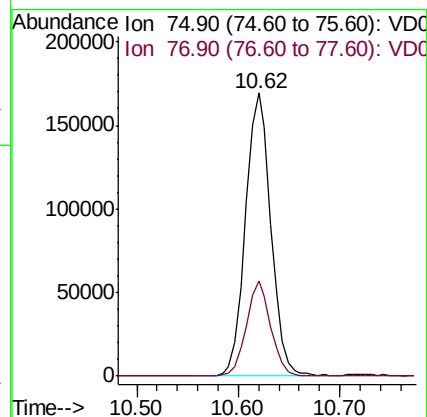
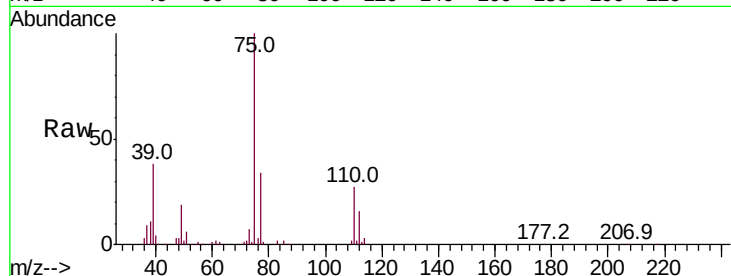
VSTDCCC050EC

Tot Ion: 75 Resp: 293738

Ion Ratio Lower Upper

75 100

77 33.5 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 46.983 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

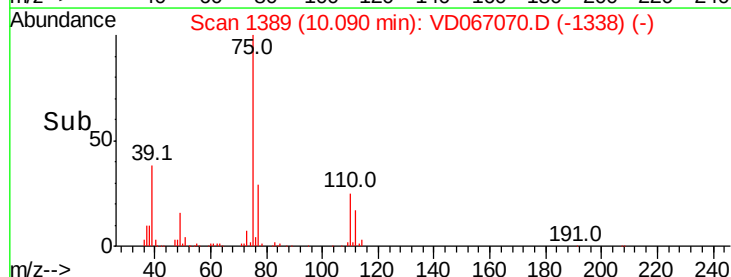
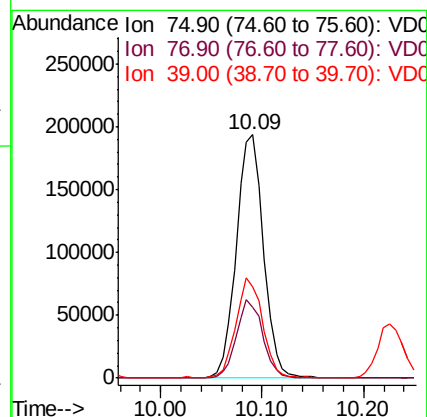
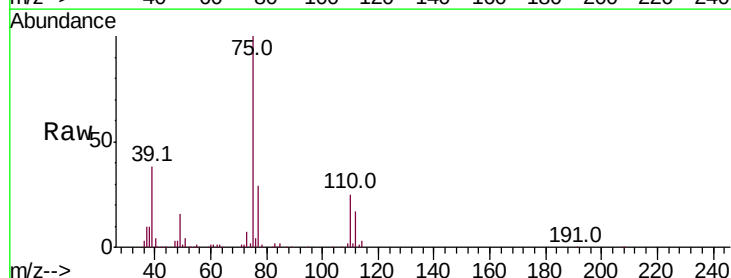
Tgt Ion: 75 Resp: 360352

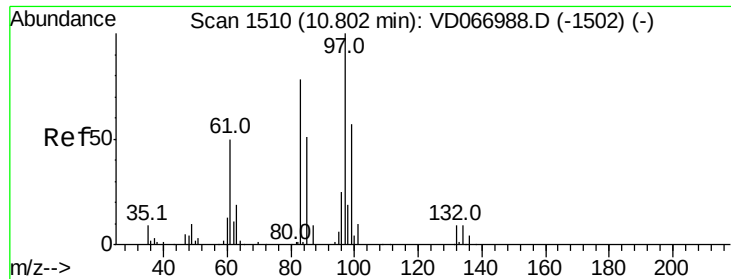
Ion Ratio Lower Upper

75 100

77 29.3 24.6 37.0

39 37.6 33.0 49.4

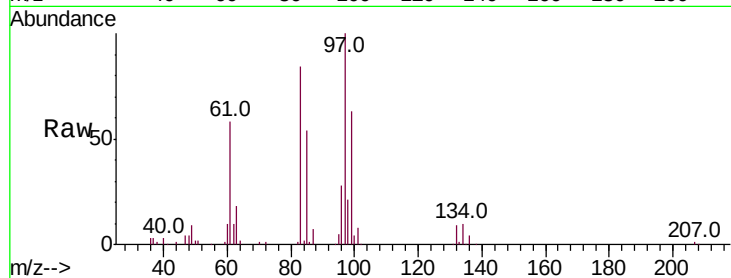




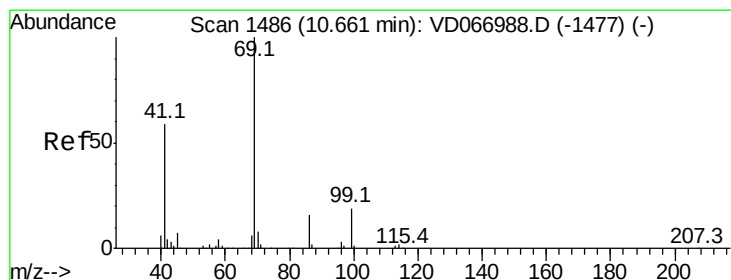
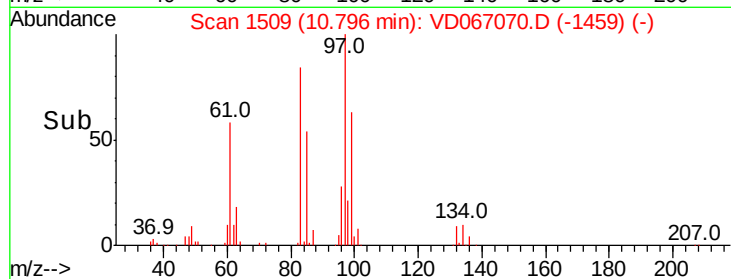
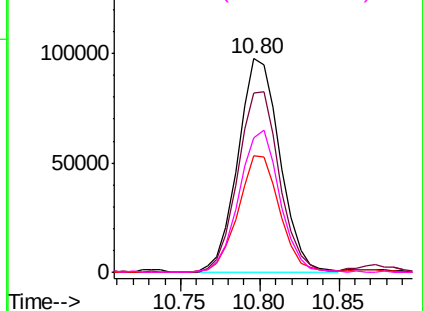
#55
 1,1,2-Trichloroethane
 Concen: 47.478 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 178461
 Ion Ratio Lower Upper
 97 100
 83 83.6 62.4 93.6
 85 54.4 41.0 61.4
 99 63.0 45.9 68.9

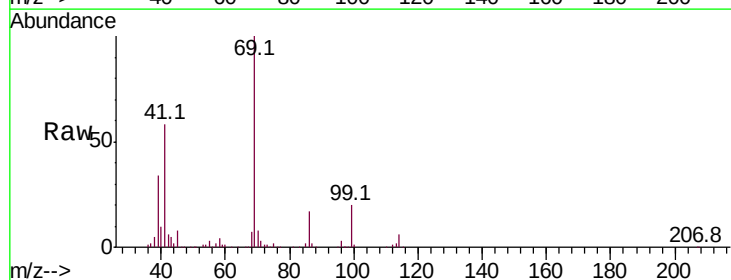


Abundance Ion 96.90 (96.60 to 97.60): VDC
 150000 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

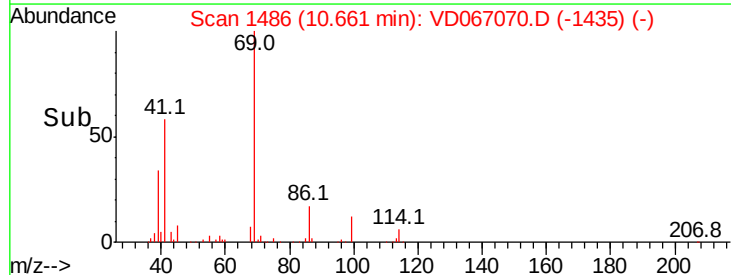
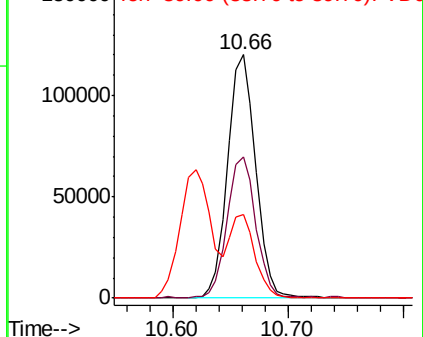


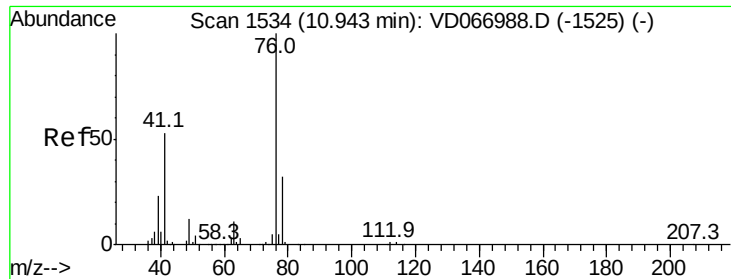
#56
 Ethyl methacrylate
 Concen: 52.303 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 69 Resp: 202972
 Ion Ratio Lower Upper
 69 100
 41 59.6 46.4 69.6
 39 31.0 23.8 35.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
 150000 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.117 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

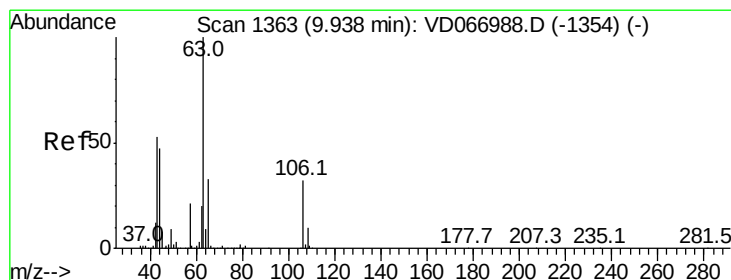
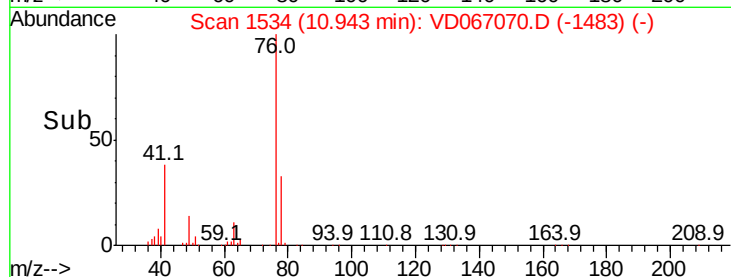
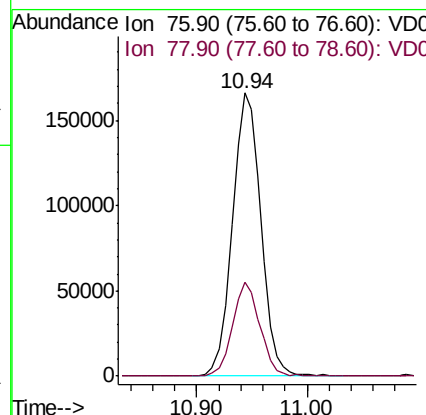
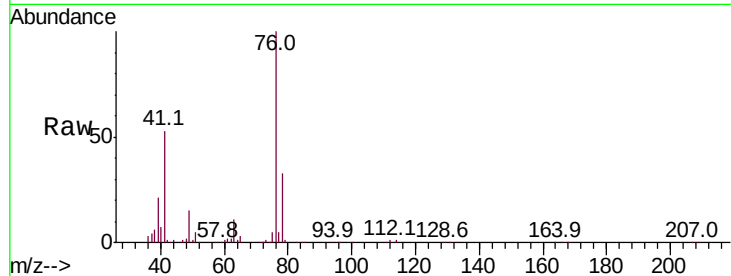
Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 299381

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.574 ug/l

RT: 9.94 min Scan# 1363

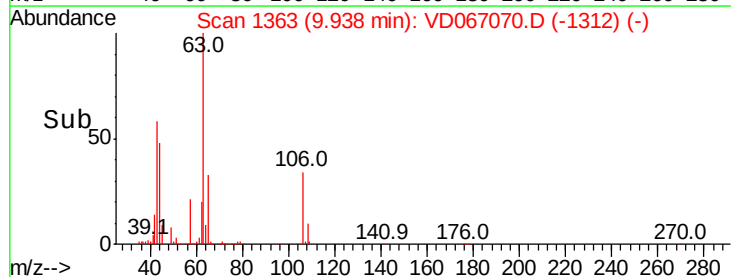
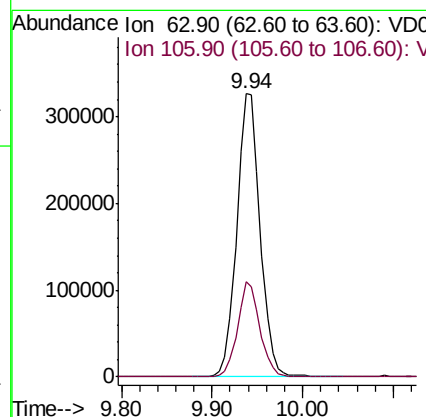
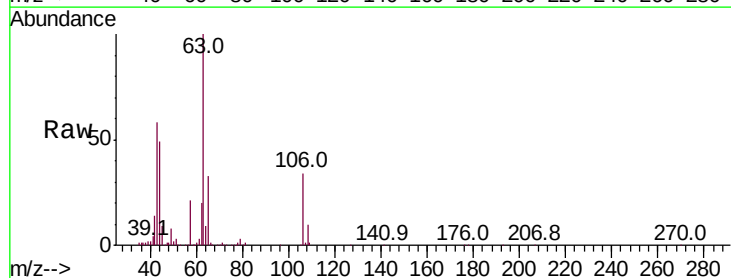
Delta R.T. -0.00 min

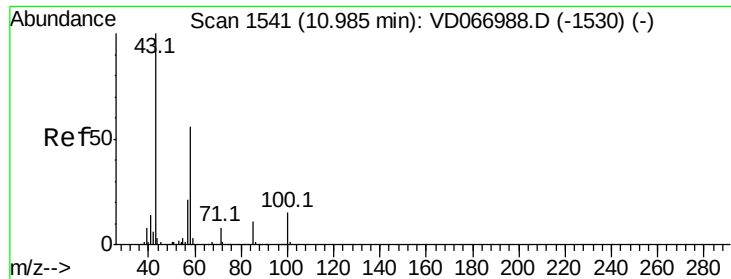
Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Tgt Ion: 63 Resp: 584424

Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.3	37.9

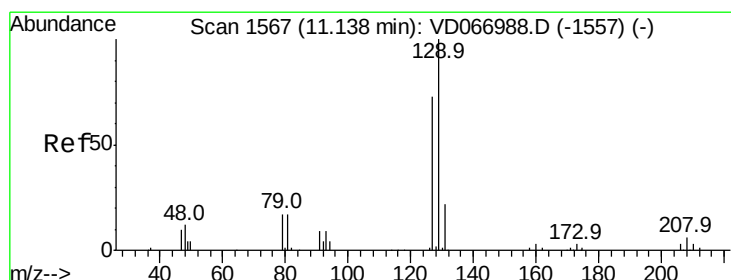
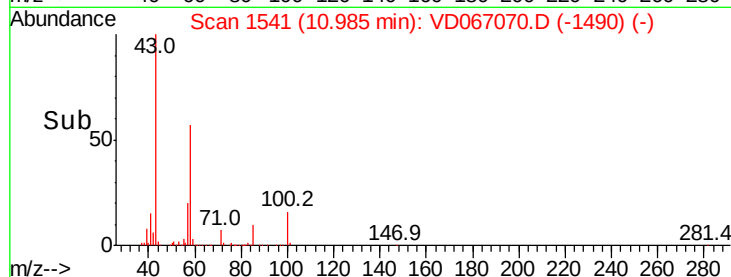
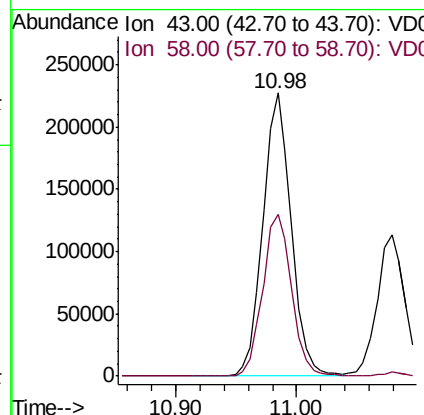
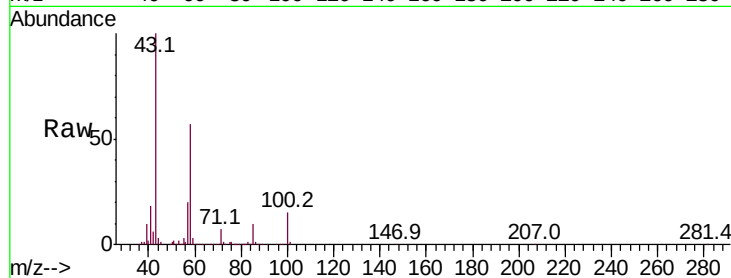




#59
2-Hexanone
Concen: 242.887 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

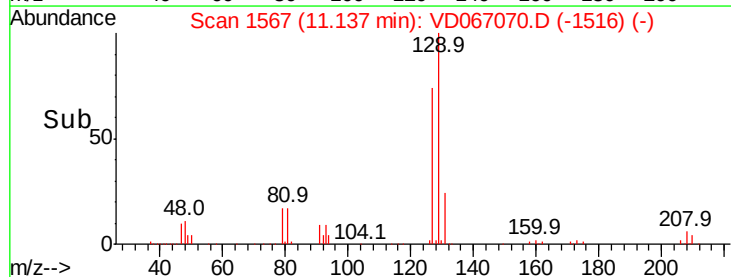
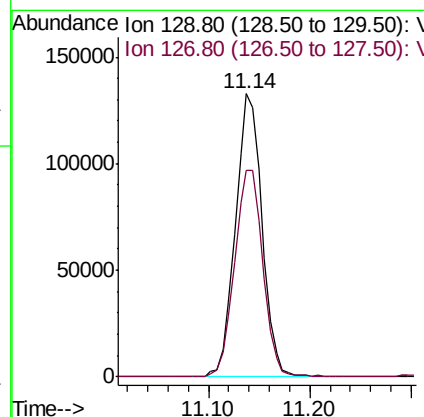
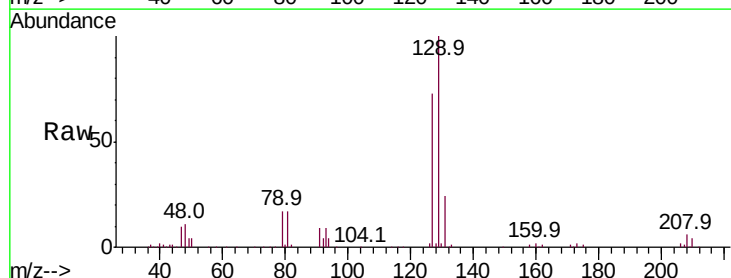
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

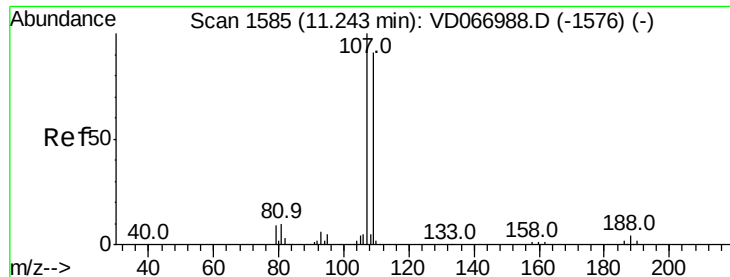
Tot Ion: 43 Resp: 371435
Ion Ratio Lower Upper
43 100
58 58.4 28.3 84.9



#60
Dibromochloromethane
Concen: 48.099 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 129 Resp: 240966
Ion Ratio Lower Upper
129 100
127 77.7 37.4 112.1





#61

1,2-Dibromoethane

Concen: 48.950 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

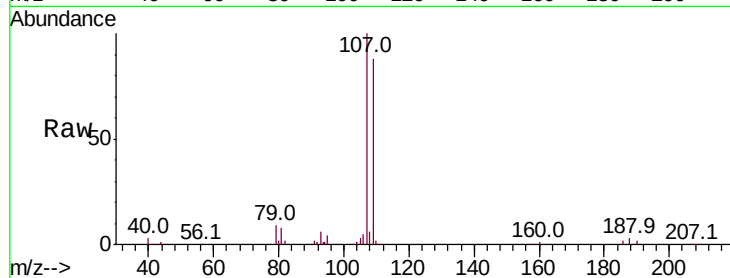
VSTDCCC050EC

Tot Ion:107 Resp: 176766

Ion Ratio Lower Upper

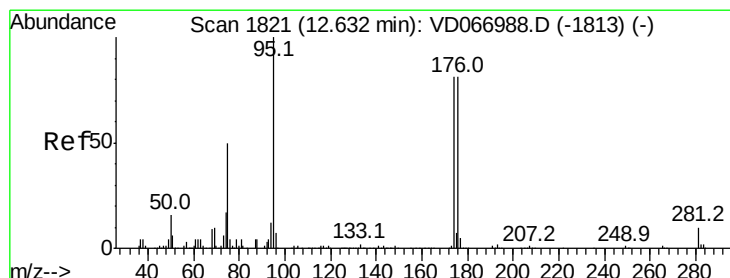
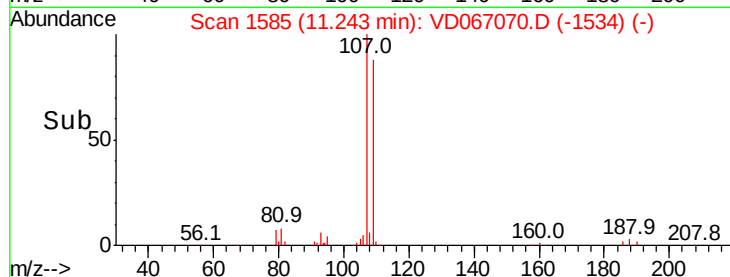
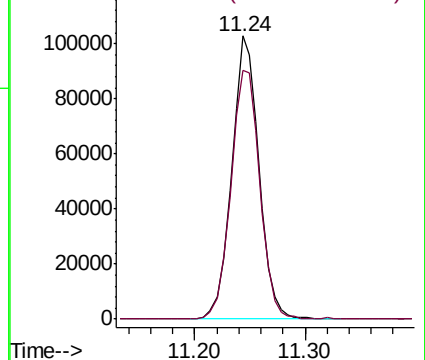
107 100

109 93.8 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.600 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

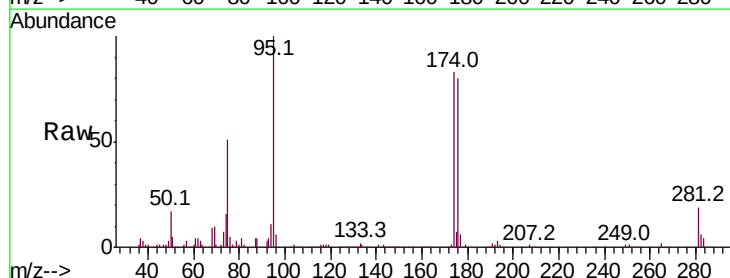
Tgt Ion: 95 Resp: 298087

Ion Ratio Lower Upper

95 100

174 84.1 0.0 167.6

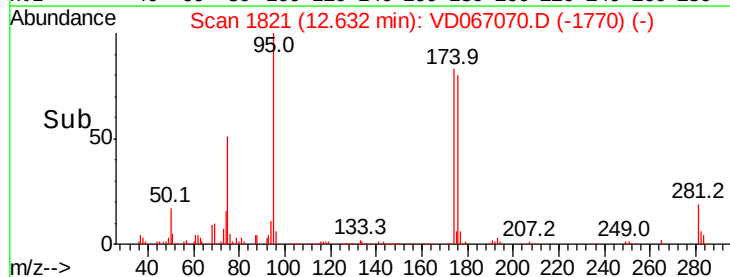
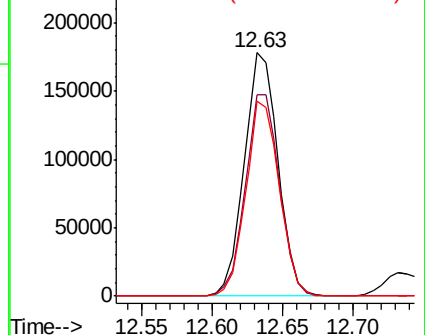
176 79.6 0.0 162.4

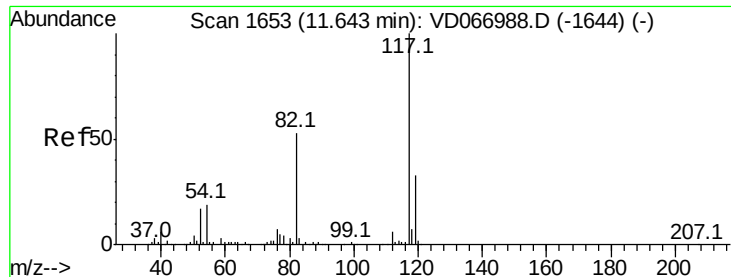


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

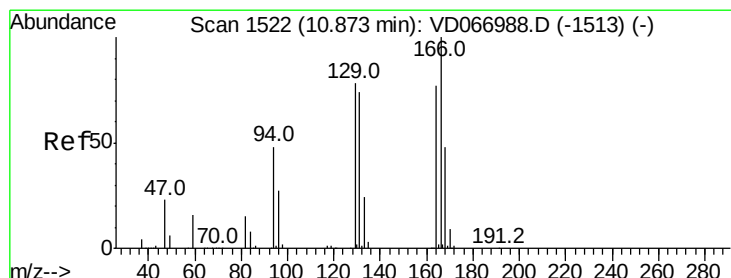
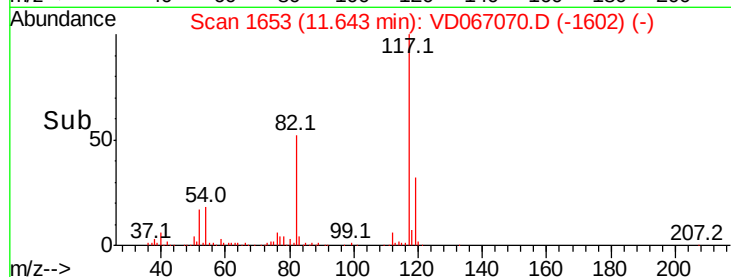
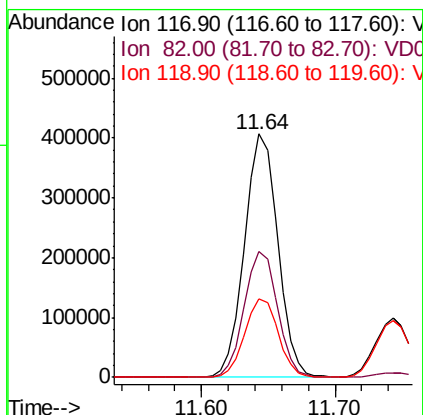
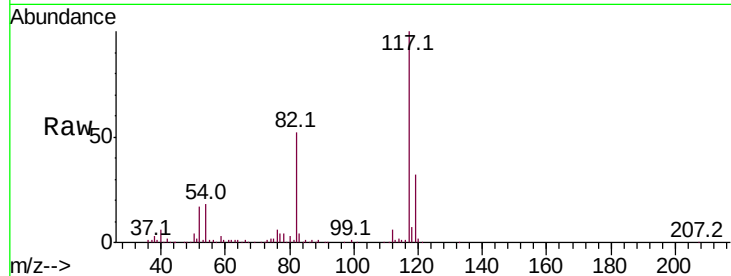




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

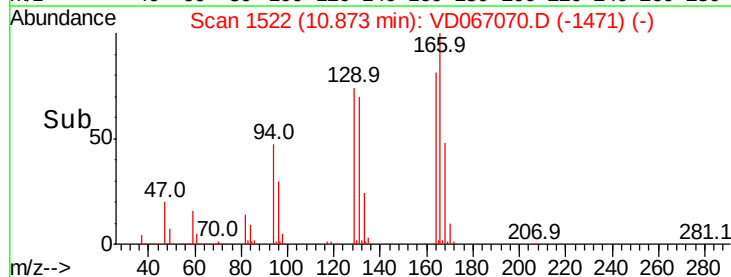
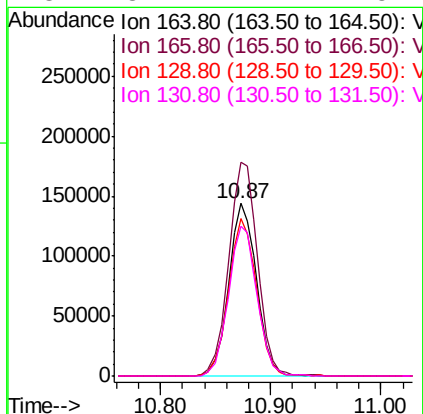
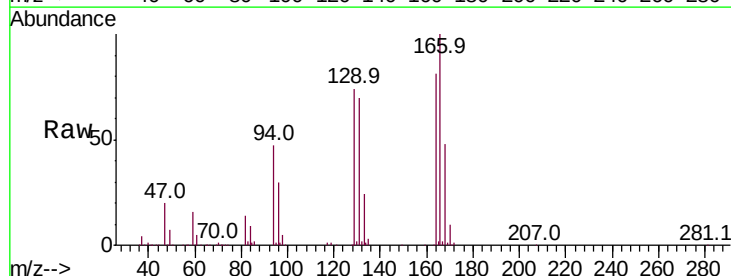
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

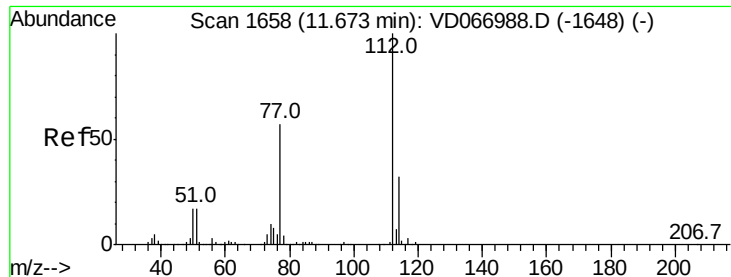
Tot Ion:117 Resp: 702111
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 49.669 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion:164 Resp: 253526
Ion Ratio Lower Upper
164 100
166 124.0 104.4 156.6
129 91.6 81.3 121.9
131 87.2 77.1 115.7





#65

Chlorobenzene

Concen: 48.729 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

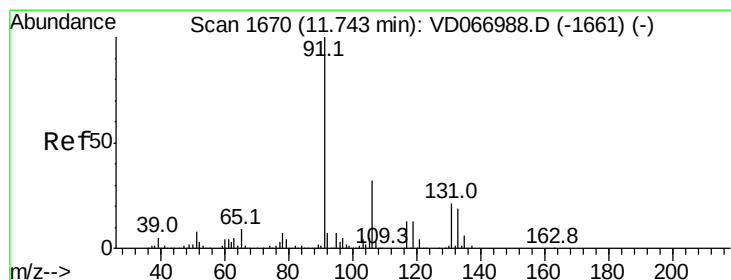
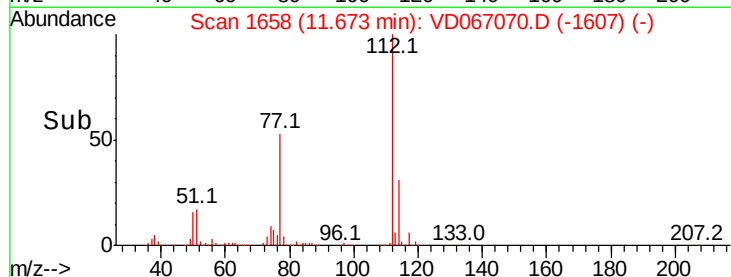
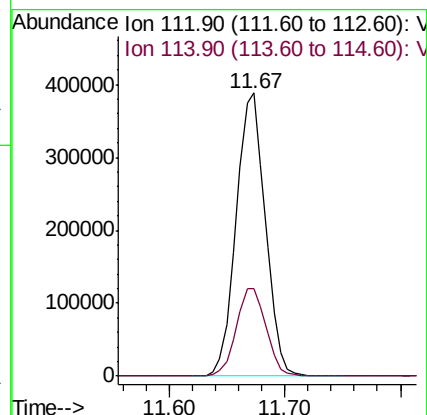
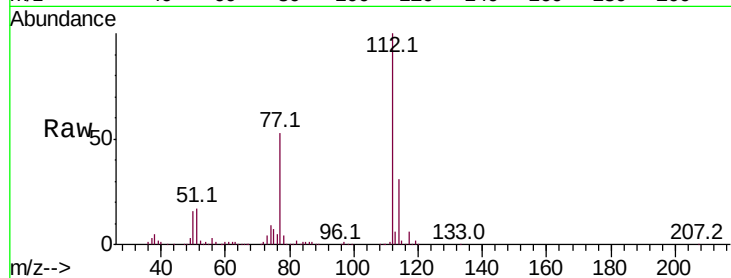
VSTDCCC050EC

Tot Ion:112 Resp: 680456

Ion Ratio Lower Upper

112 100

114 30.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.431 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

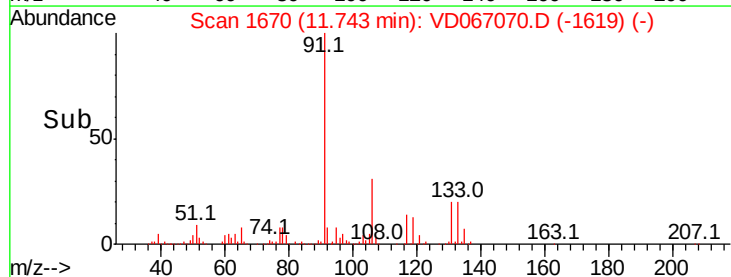
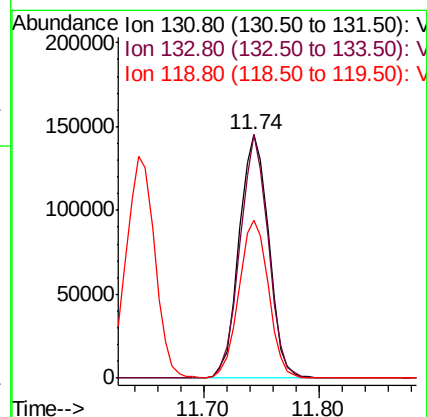
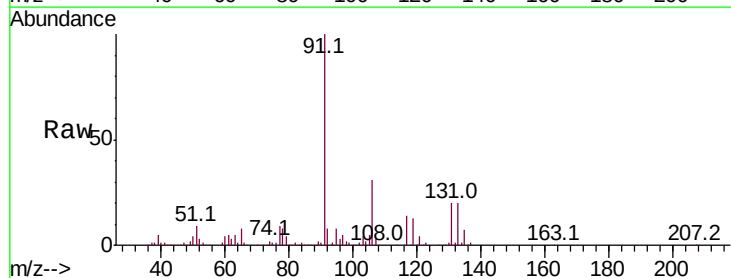
Tgt Ion:131 Resp: 257253

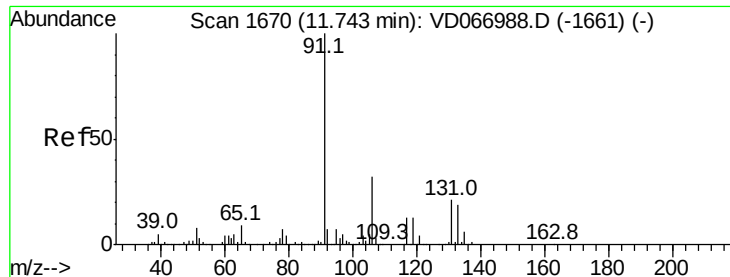
Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

119 64.9 32.3 96.8





#67

Ethyl Benzene

Concen: 49.285 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

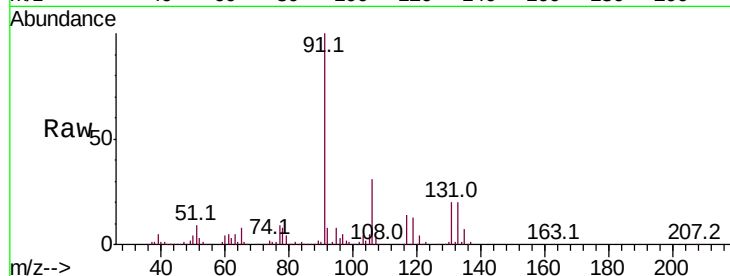
VSTDCCC050EC

Tot Ion: 91 Resp: 1179206

Ion Ratio Lower Upper

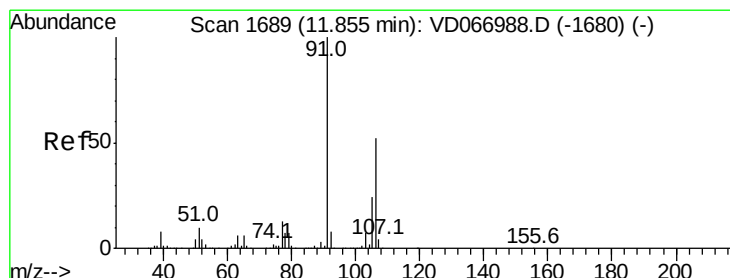
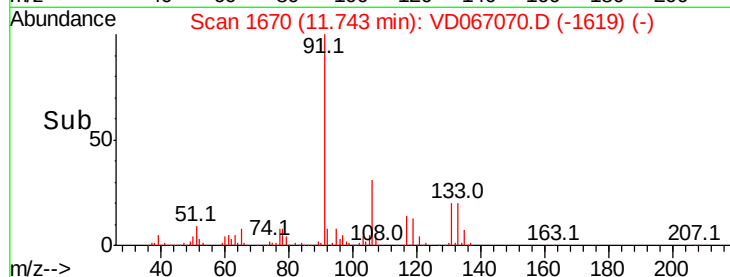
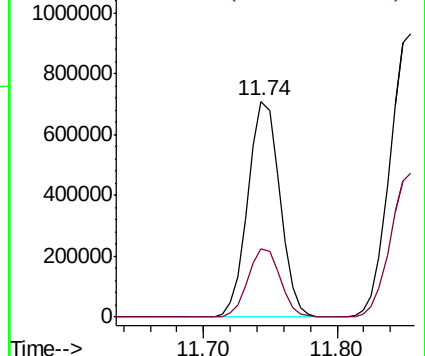
91 100

106 31.4 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.667 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067070.D

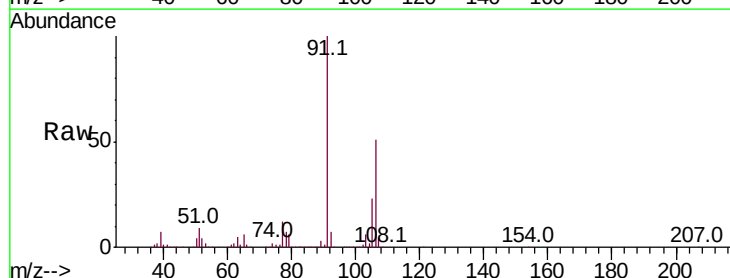
Acq: 03 Oct 2020 08:23

Tgt Ion:106 Resp: 901354

Ion Ratio Lower Upper

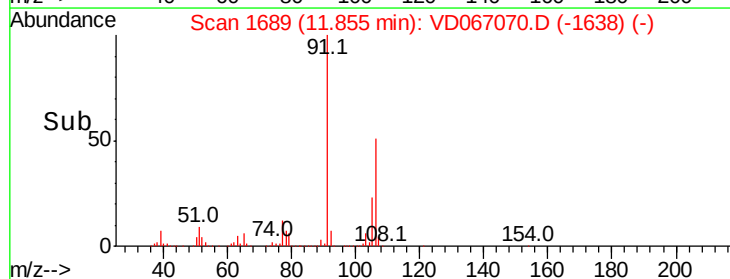
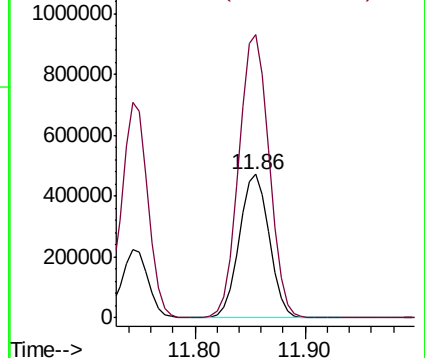
106 100

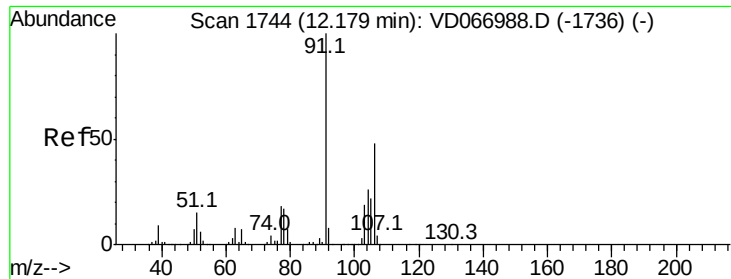
91 199.8 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

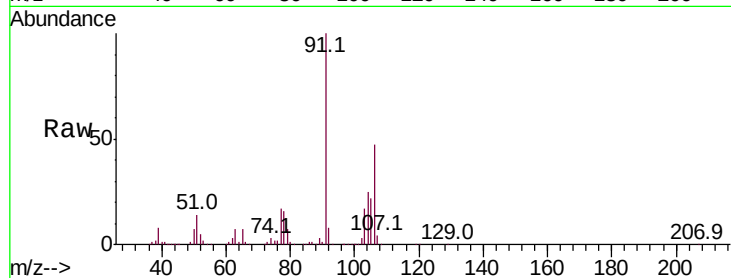




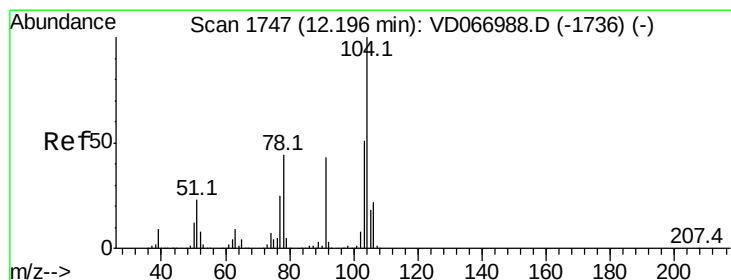
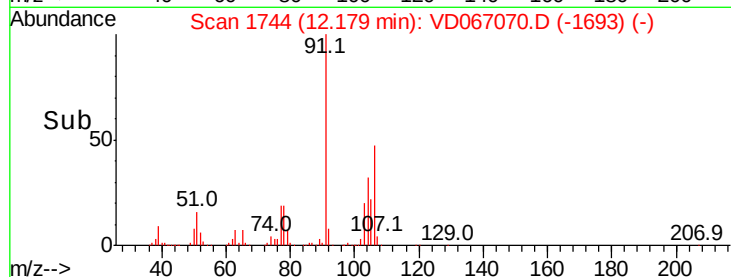
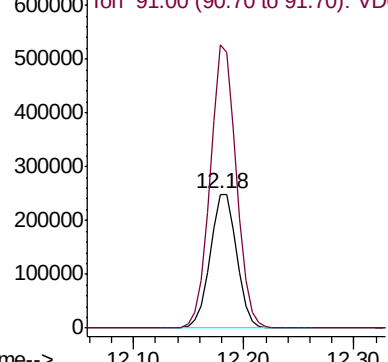
#69
o-Xylene
Concen: 50.701 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 422764
Ion Ratio Lower Upper
106 100
91 207.1 102.4 307.2

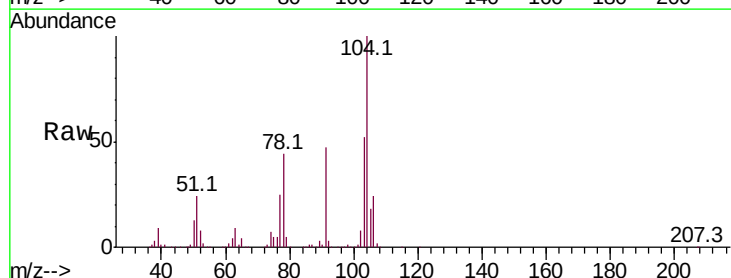


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

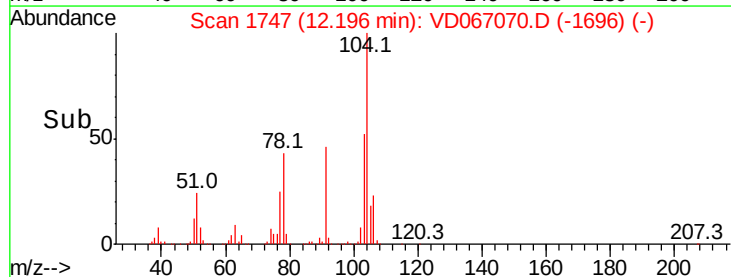
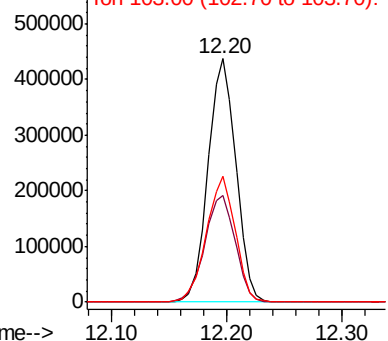


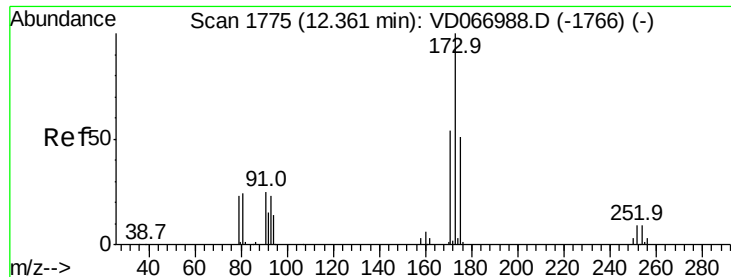
#70
Styrene
Concen: 51.083 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion:104 Resp: 731413
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 53.8 43.4 65.0



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





#71

Bromoform

Concen: 47.928 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

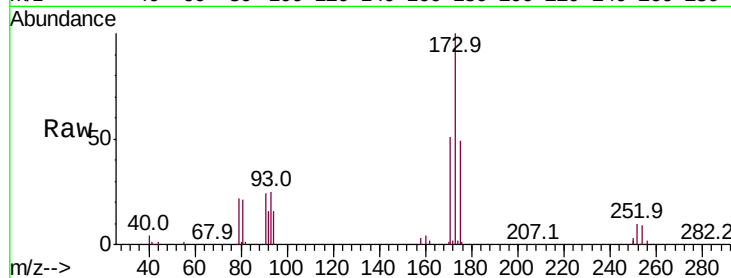
Tot Ion:173 Resp: 132149

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.7

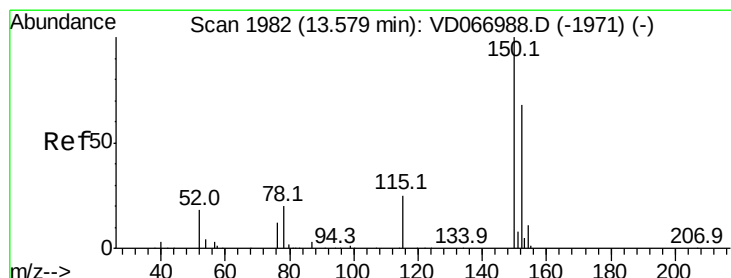
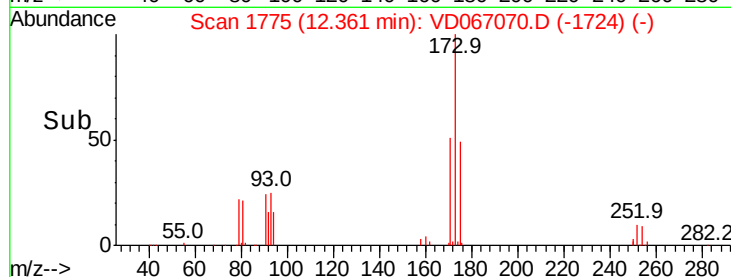
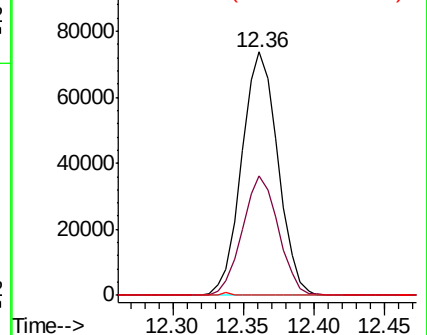
254 0.1 0.2 0.4#



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: VD067070.D

Acq: 03 Oct 2020 08:23

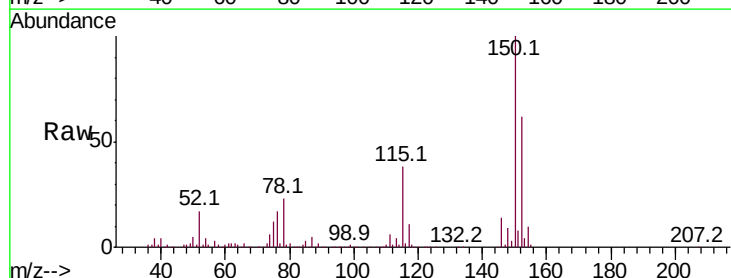
Tgt Ion:152 Resp: 329154

Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.8

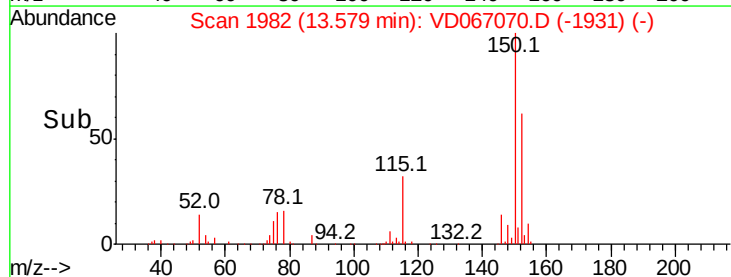
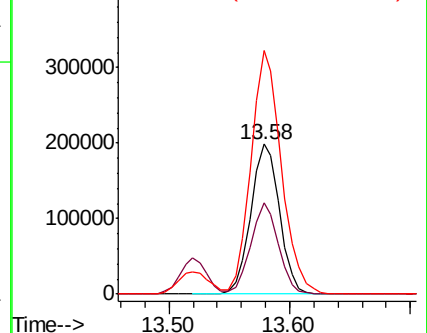
150 172.2 0.0 344.8

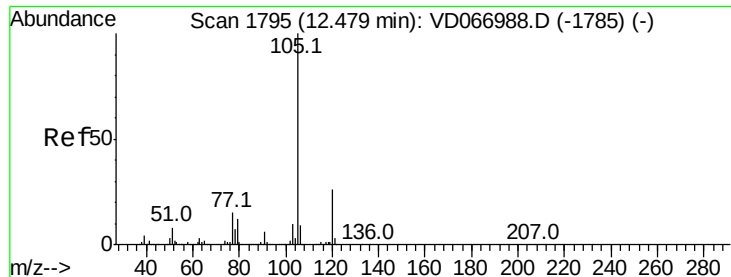


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.250 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

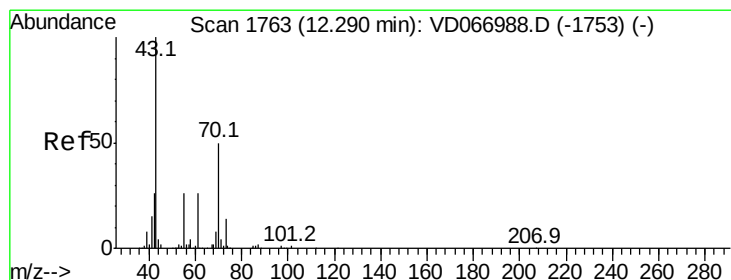
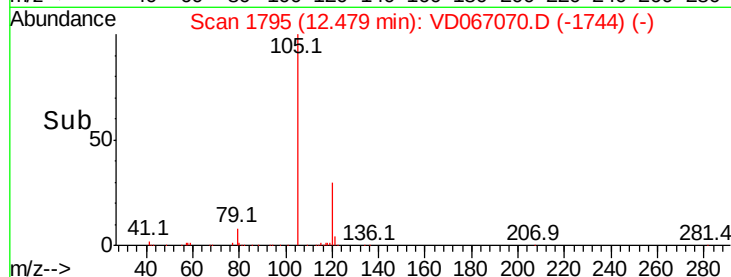
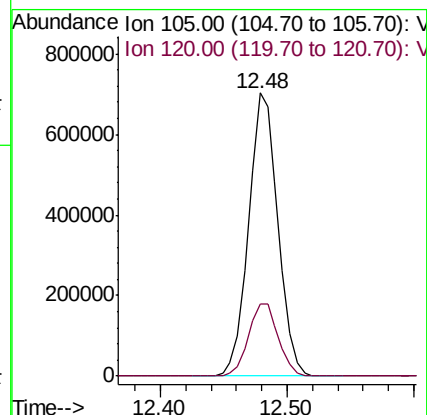
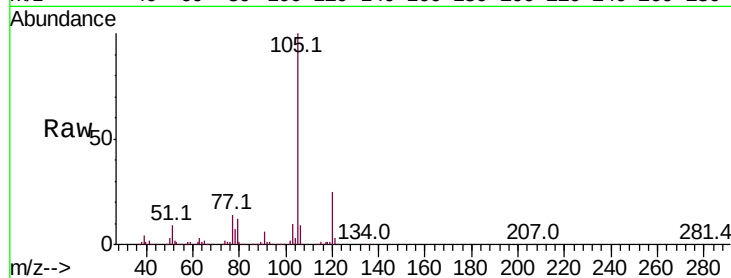
VSTDCCC050EC

Tot Ion:105 Resp: 1123083

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 46.498 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Tgt Ion: 43 Resp: 186818

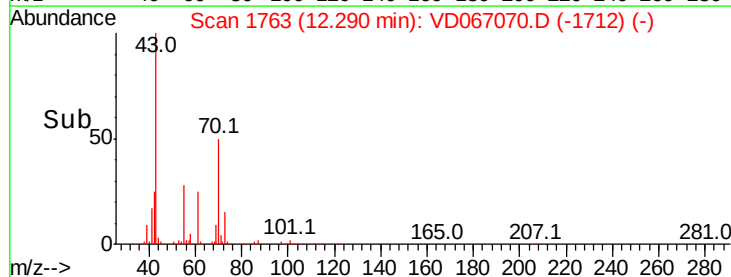
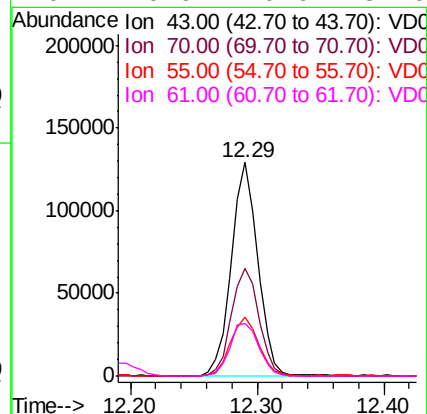
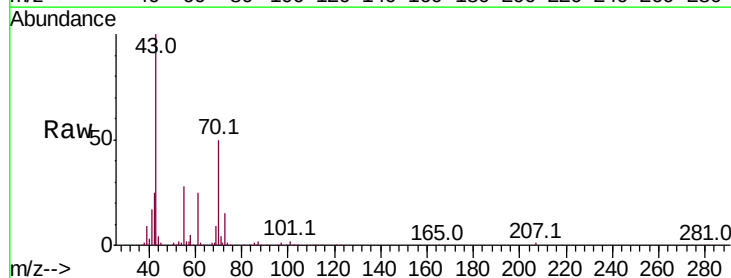
Ion Ratio Lower Upper

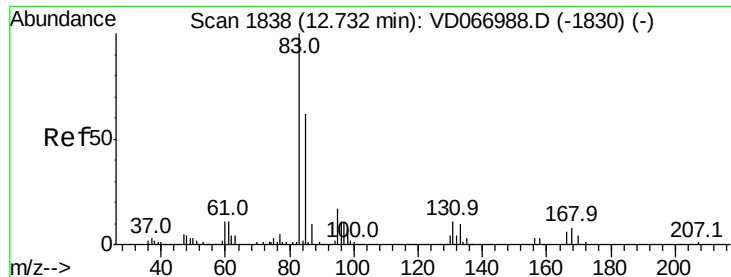
43 100

70 52.7 38.2 57.2

55 29.3 22.4 33.6

61 26.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.182 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

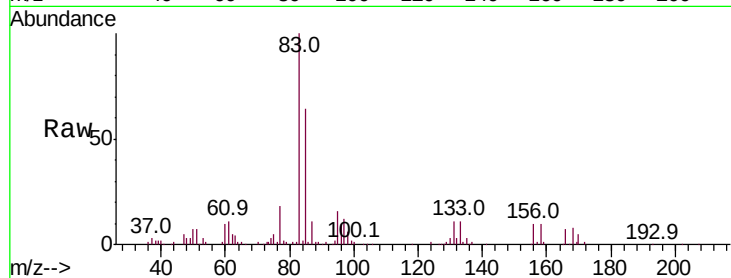
Tot Ion: 83 Resp: 181436

Ion Ratio Lower Upper

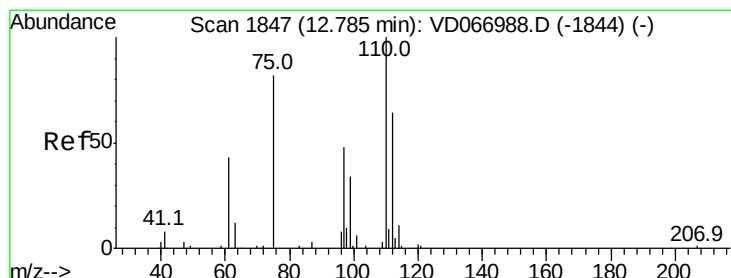
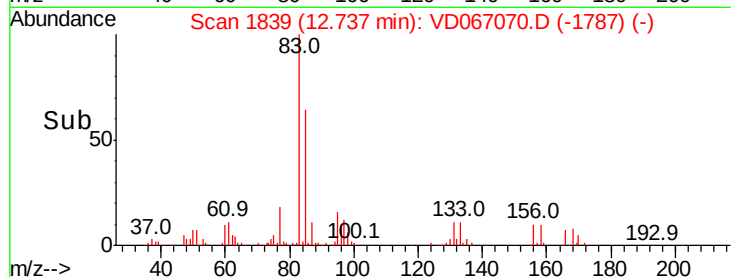
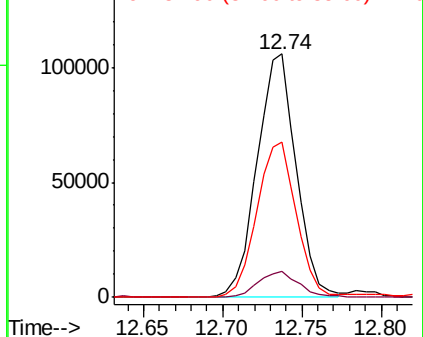
83 100

131 11.4 5.7 17.0

85 64.3 32.0 96.2



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: 78.705 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067070.D

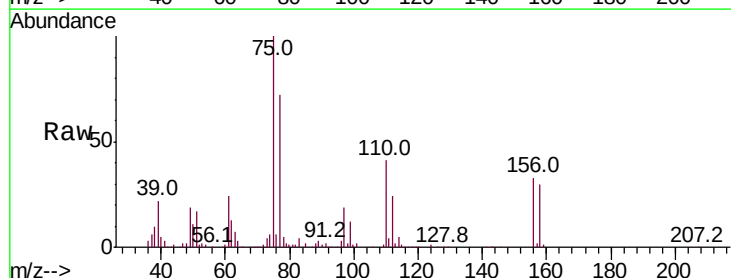
Acq: 03 Oct 2020 08:23

Tgt Ion: 75 Resp: 225651

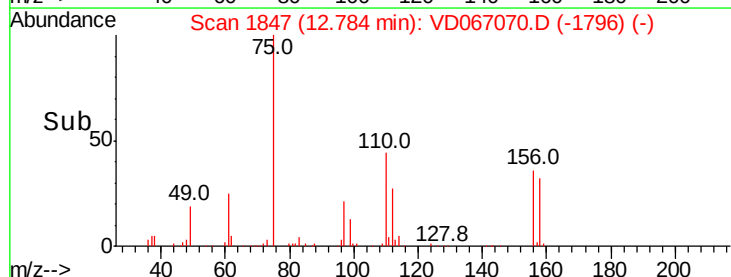
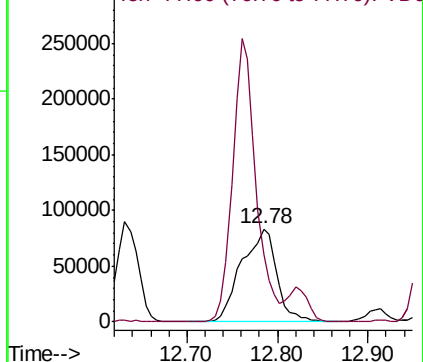
Ion Ratio Lower Upper

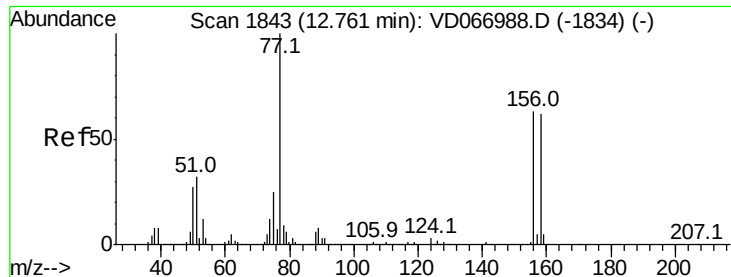
75 100

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: 50.768 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

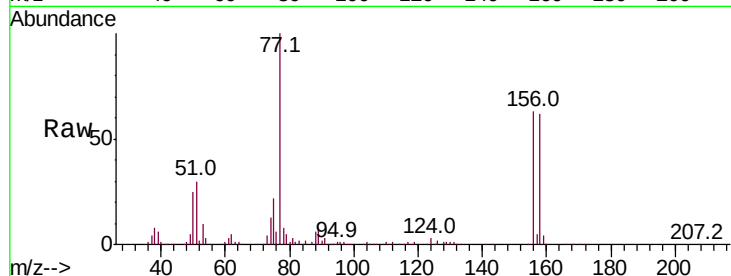
Tot Ion:156 Resp: 273978

Ion Ratio Lower Upper

156 100

77 167.5 86.3 258.8

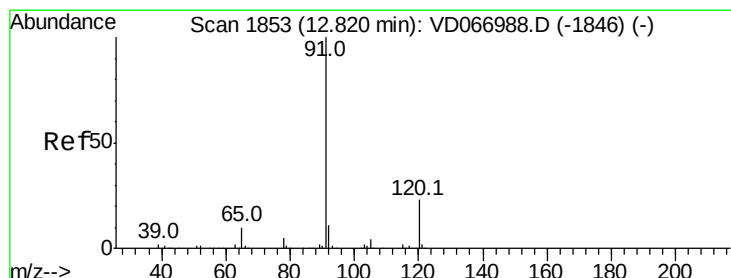
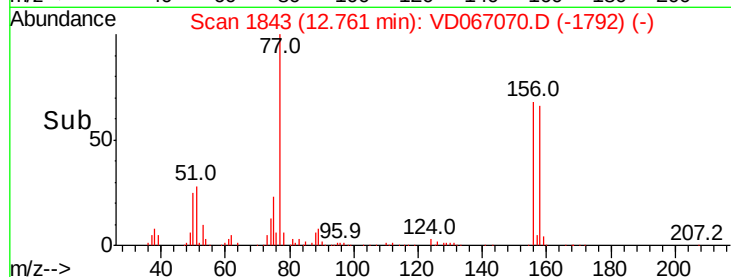
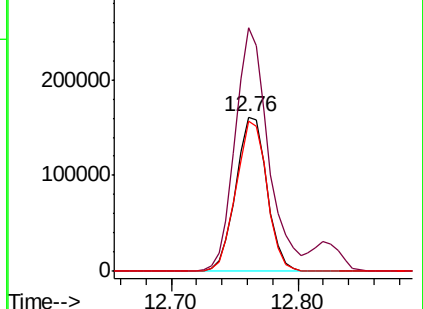
158 96.8 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.515 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD067070.D

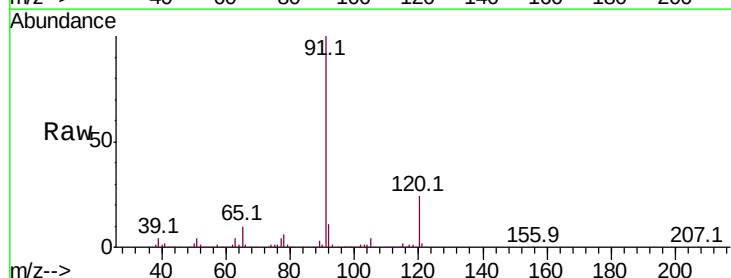
Acq: 03 Oct 2020 08:23

Tgt Ion: 91 Resp: 1281475

Ion Ratio Lower Upper

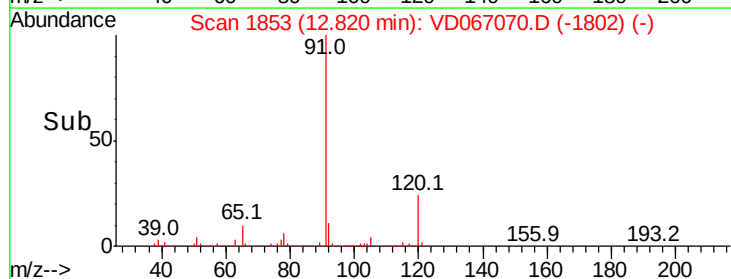
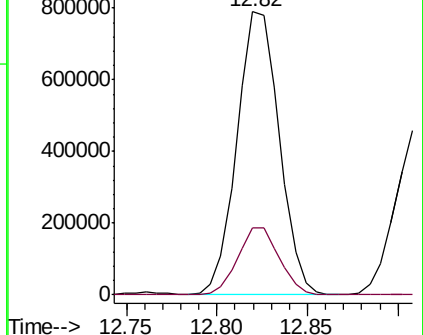
91 100

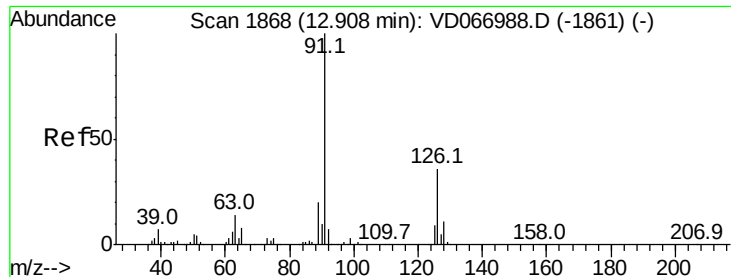
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.632 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

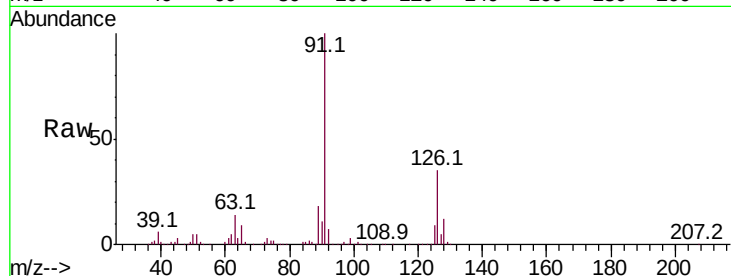
VSTDCCC050EC

Tot Ion: 91 Resp: 750064

Ion Ratio Lower Upper

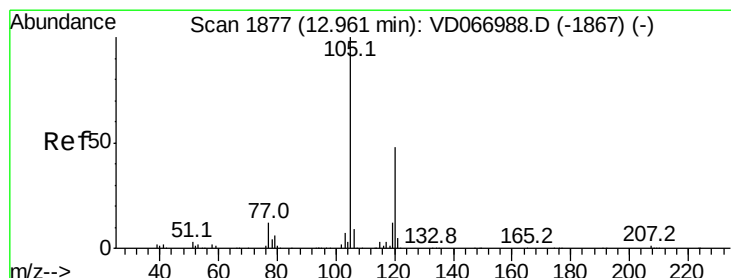
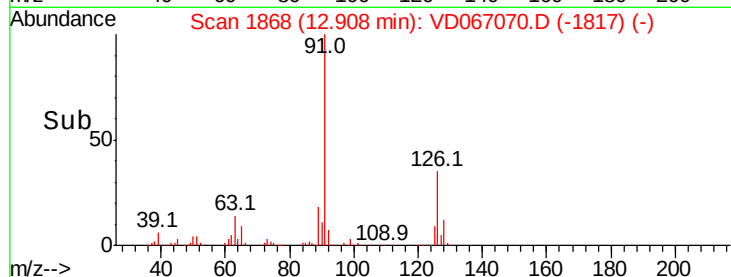
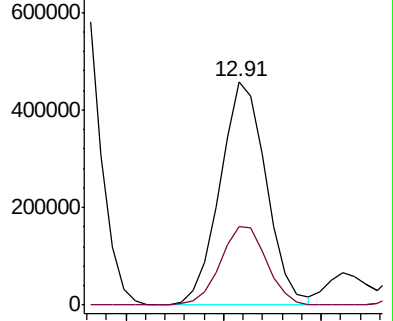
91 100

126 35.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.841 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD067070.D

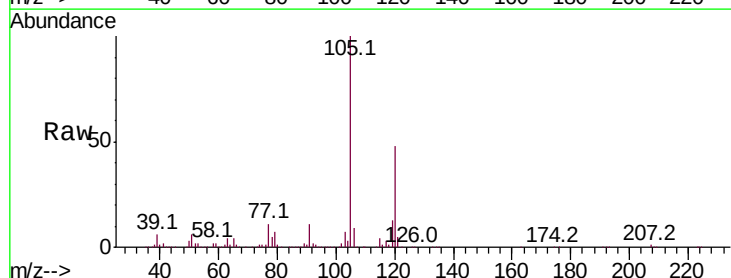
Acq: 03 Oct 2020 08:23

Tgt Ion:105 Resp: 941159

Ion Ratio Lower Upper

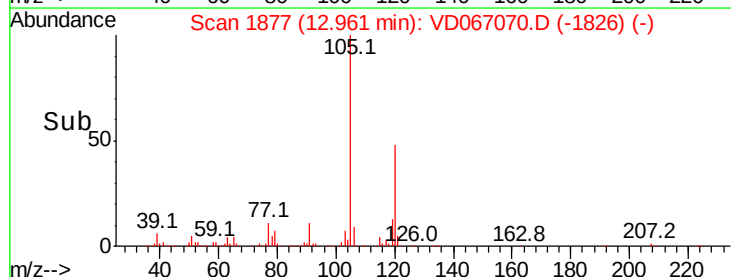
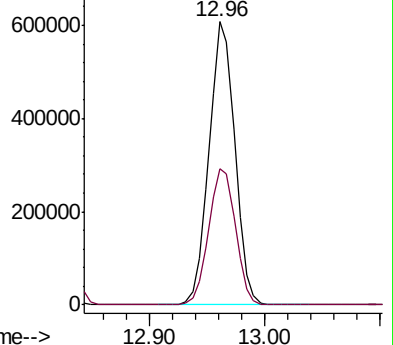
105 100

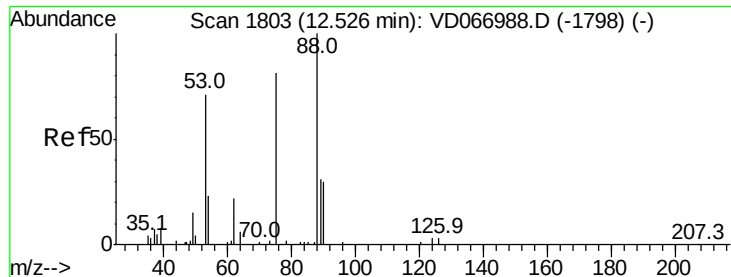
120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.860 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

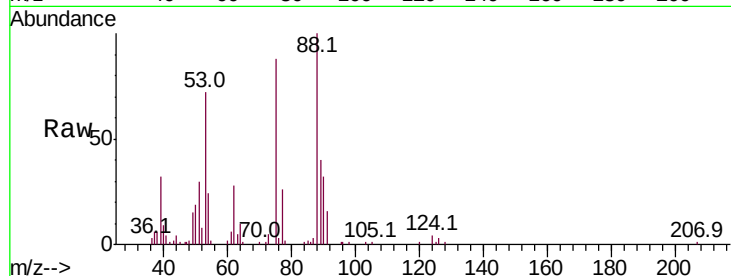
Tot Ion: 75 Resp: 51588

Ion Ratio Lower Upper

75 100

53 86.6 73.8 110.6

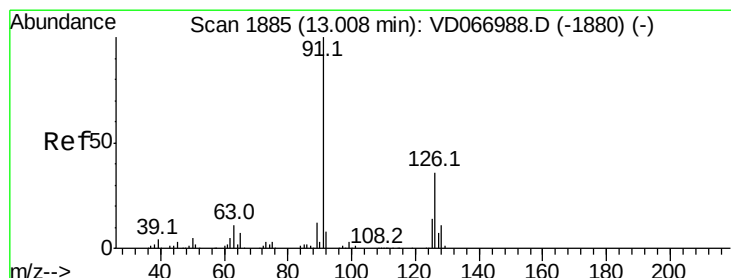
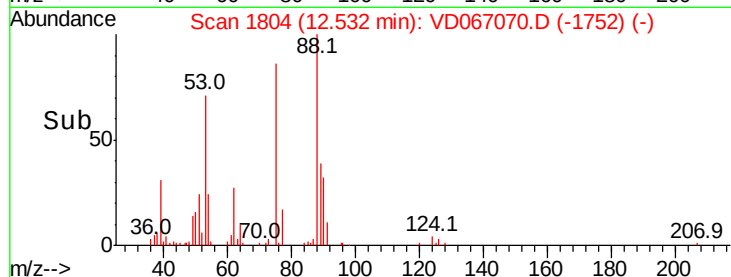
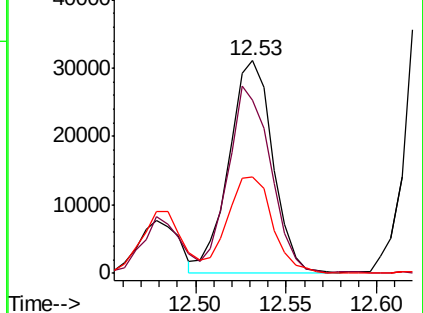
89 47.4 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 48.705 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067070.D

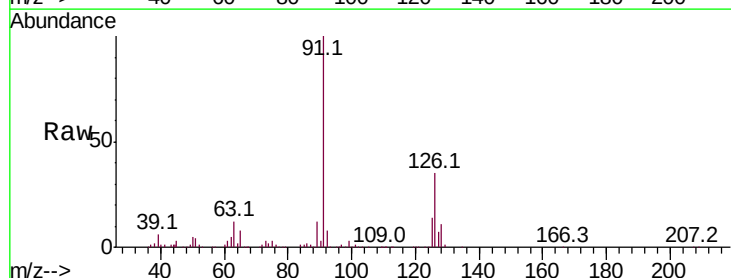
Acq: 03 Oct 2020 08:23

Tgt Ion: 91 Resp: 783128

Ion Ratio Lower Upper

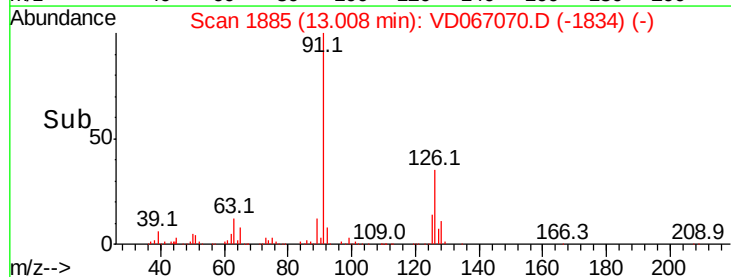
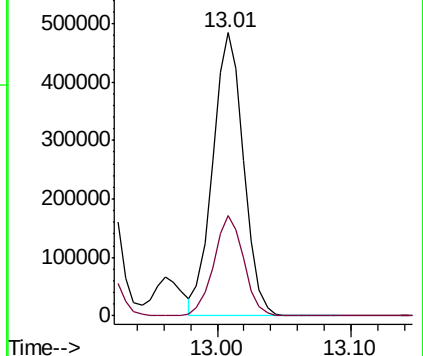
91 100

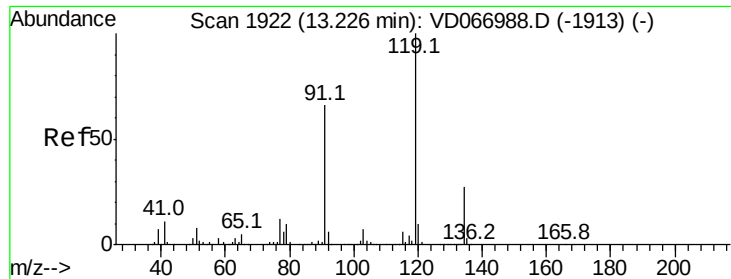
126 34.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

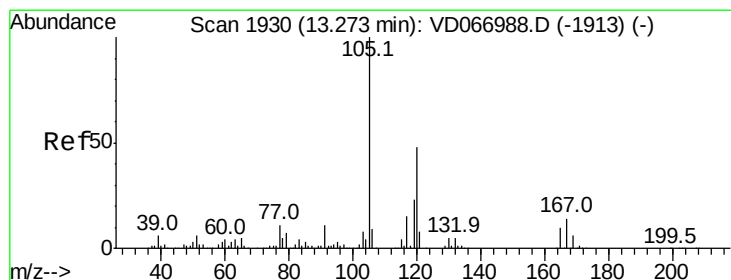
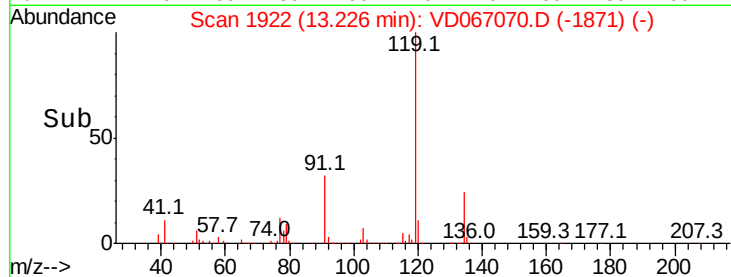
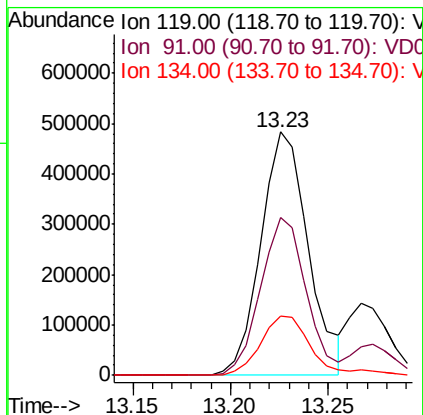
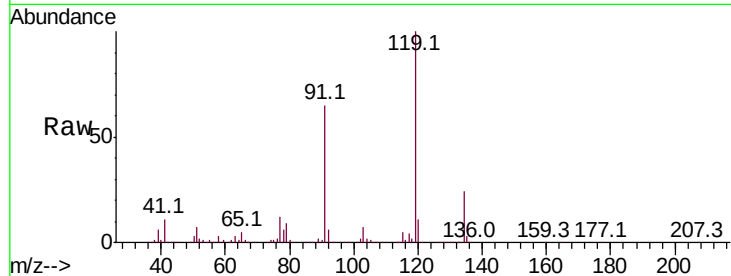




#83
 tert-Butylbenzene
 Concen: 51.254 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

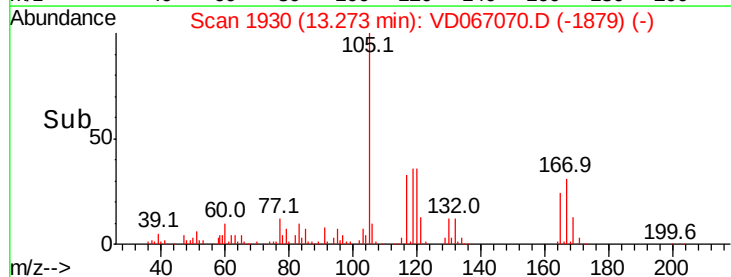
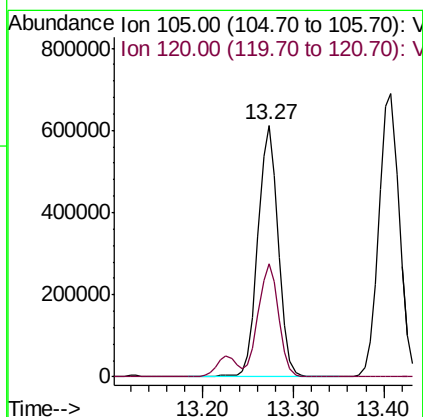
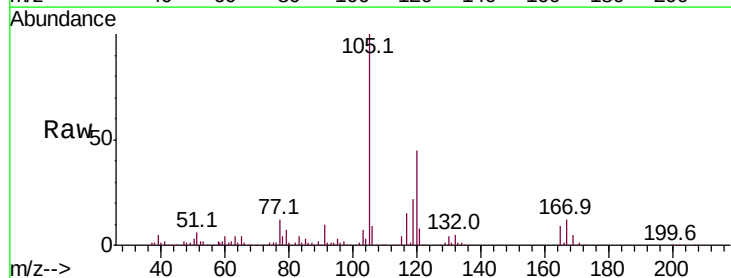
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

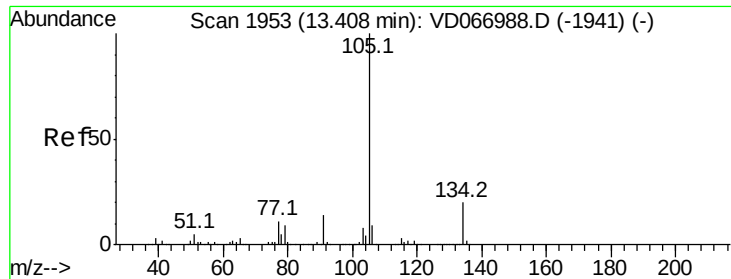
Tot Ion:119 Resp: 815012
 Ion Ratio Lower Upper
 119 100
 91 62.4 32.8 98.3
 134 26.3 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.247 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion:105 Resp: 946885
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 47.994 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

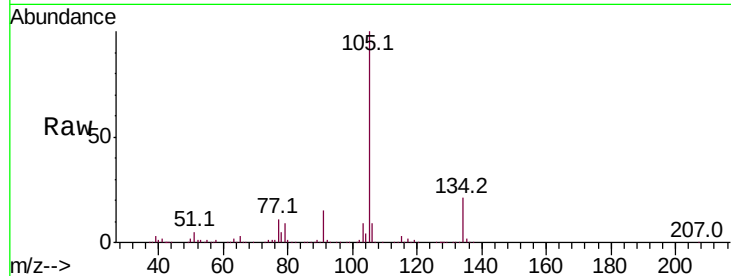
VSTDCCC050EC

Tot Ion:105 Resp: 1074752

Ion Ratio Lower Upper

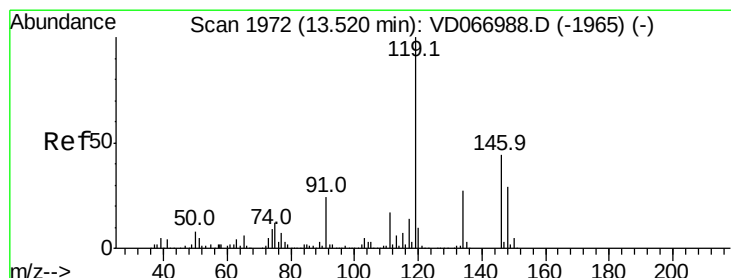
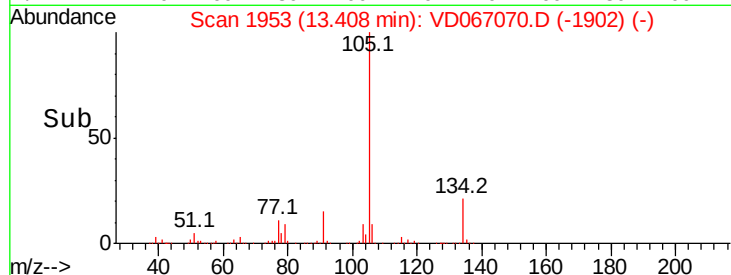
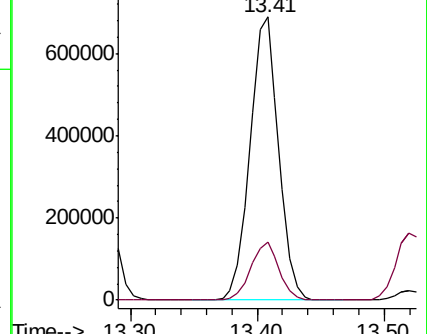
105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.815 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

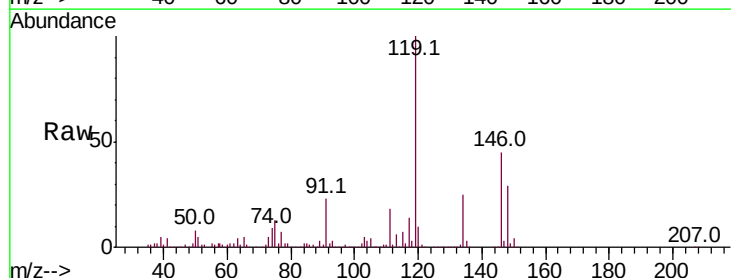
Tgt Ion:119 Resp: 992696

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

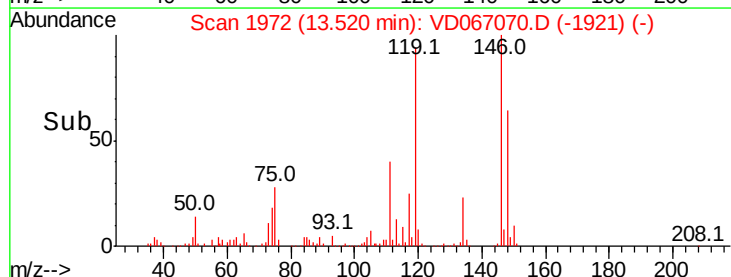
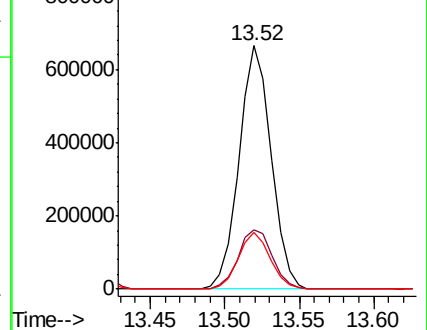
91 23.0 11.7 35.1

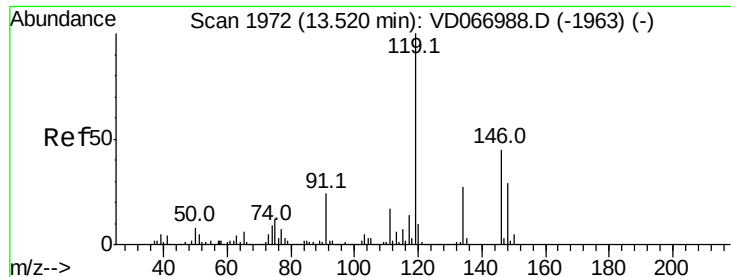


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.928 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

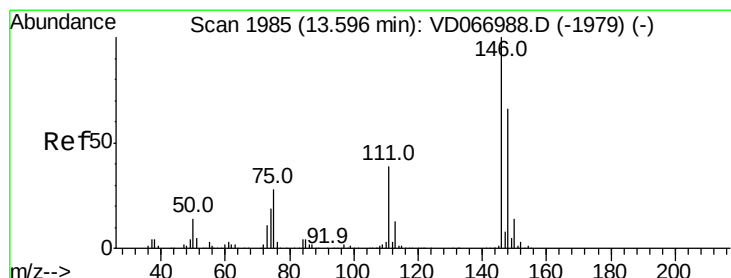
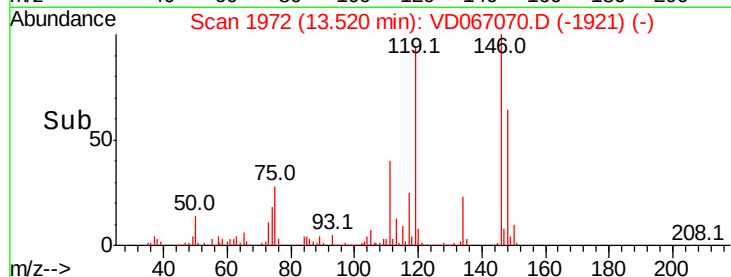
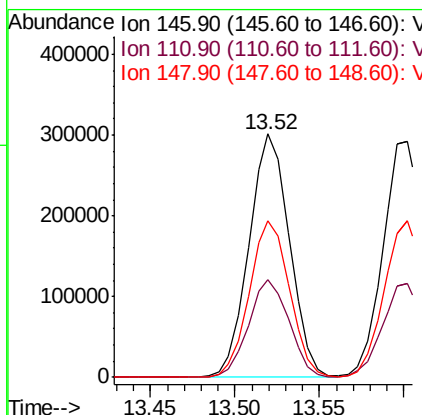
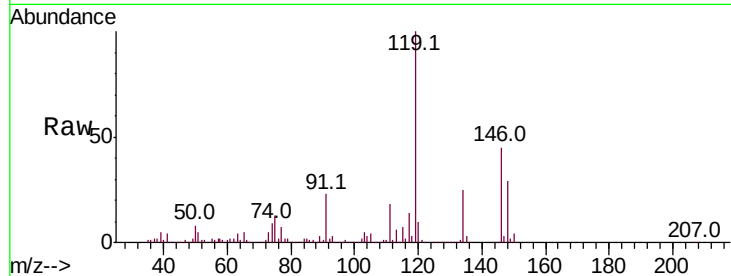
Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 503811

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.0	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 47.264 ug/l

RT: 13.60 min Scan# 1986

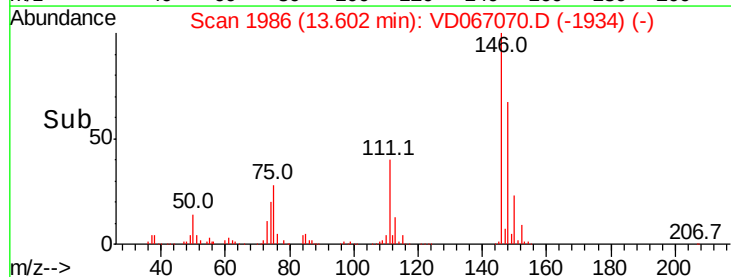
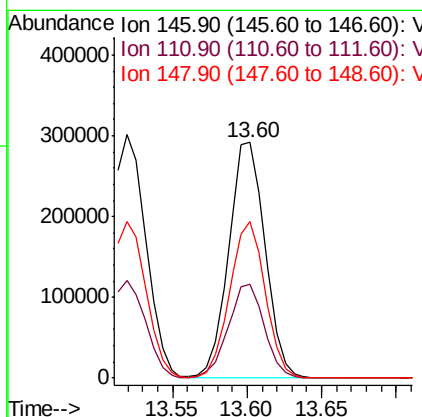
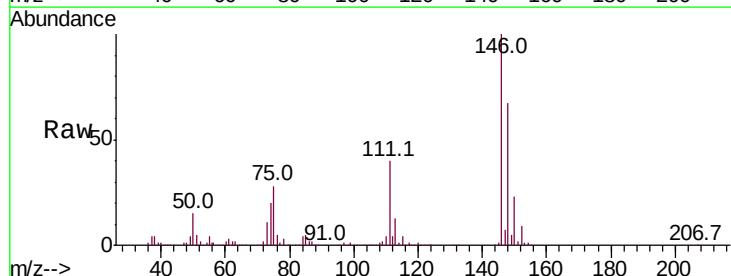
Delta R.T. 0.01 min

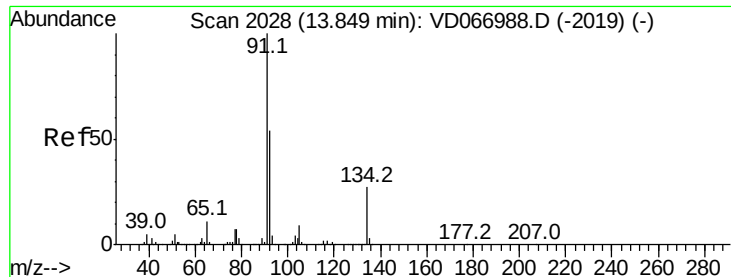
Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Tgt Ion:146 Resp: 496779

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.7	32.6	97.7

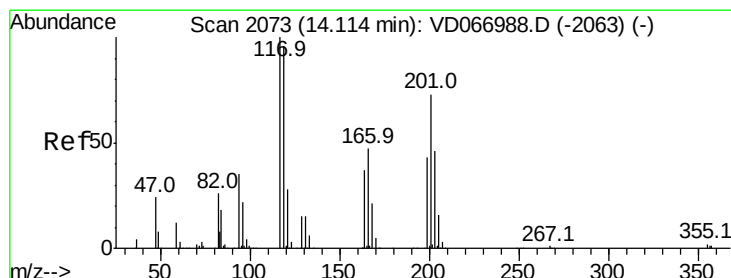
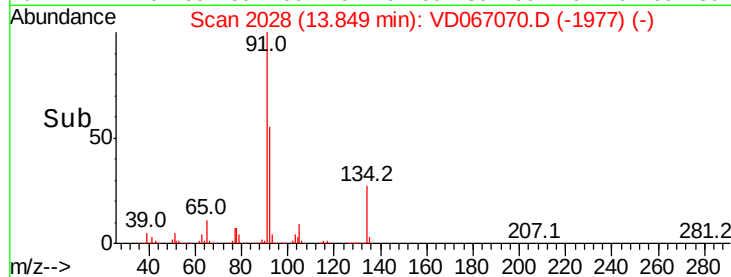
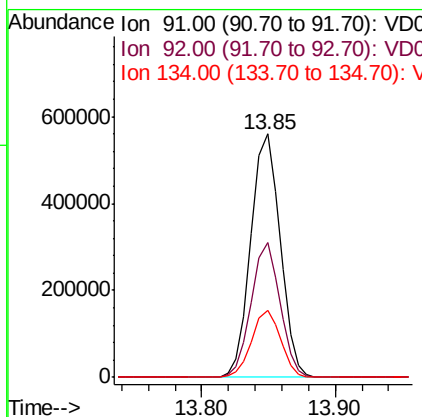
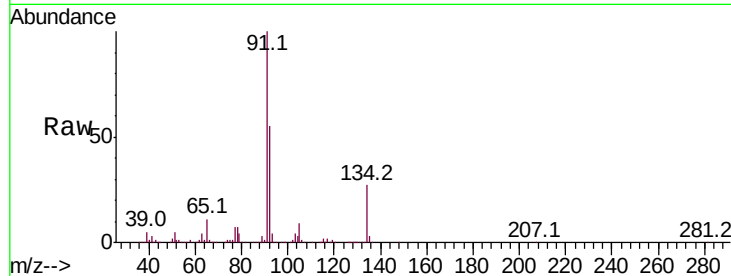




#89
n-Butylbenzene
Concen: 44.736 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

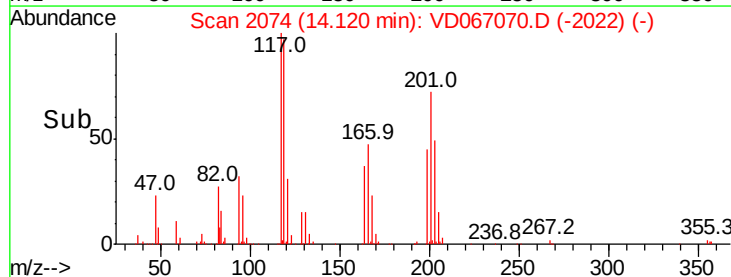
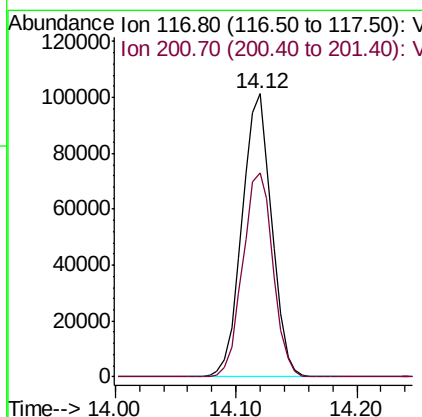
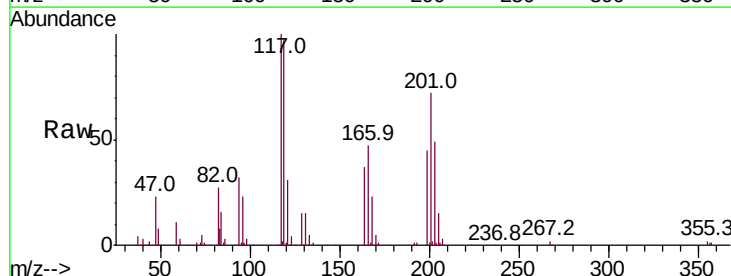
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

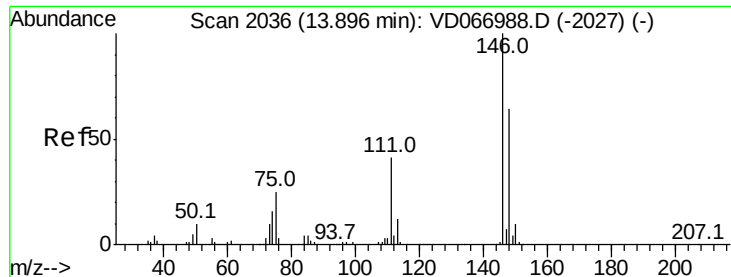
Tot Ion: 91 Resp: 848821
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 47.876 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 117 Resp: 174108
Ion Ratio Lower Upper
117 100
201 73.6 37.0 110.9

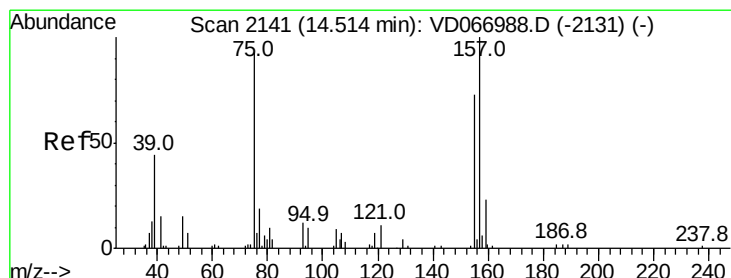
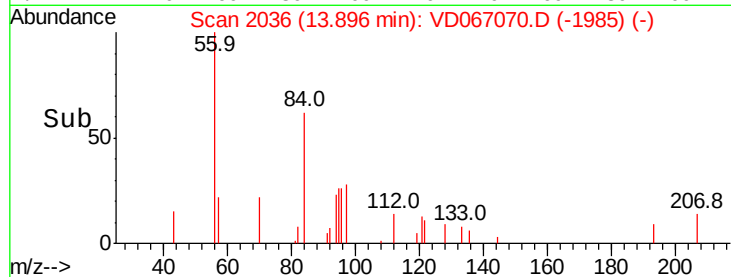
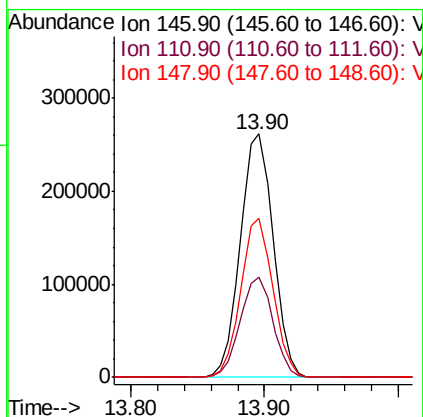
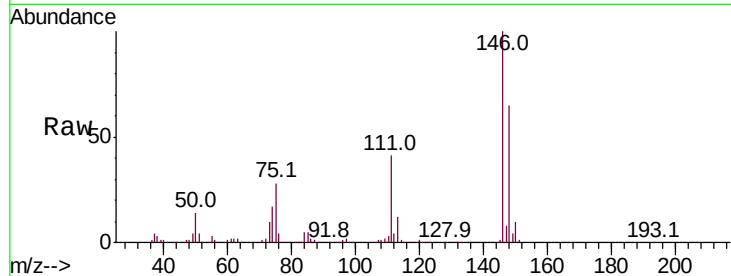




#91
 1,2-Dichlorobenzene
 Concen: 48.664 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

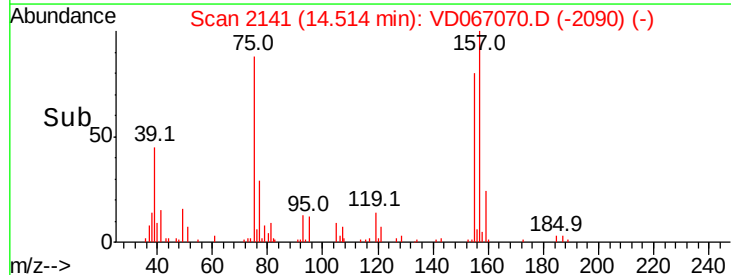
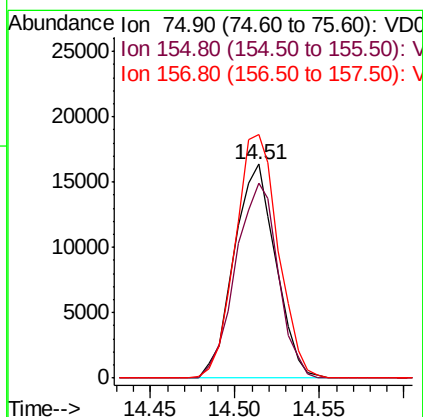
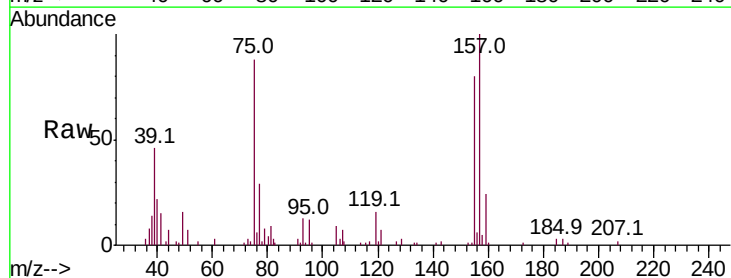
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

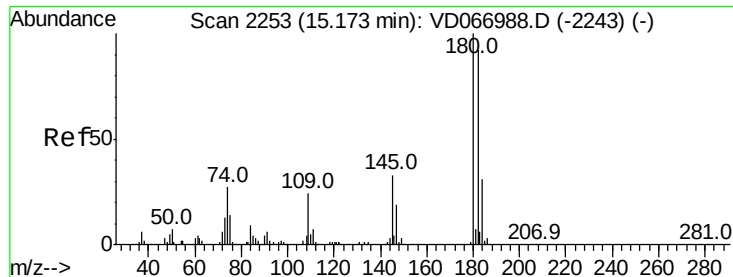
Tot Ion:146 Resp: 446757
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.9 62.7
 148 63.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.434 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 75 Resp: 28186
 Ion Ratio Lower Upper
 75 100
 155 92.4 45.2 135.6
 157 117.0 56.3 168.8

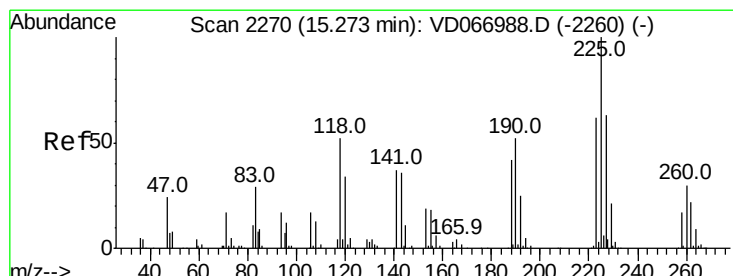
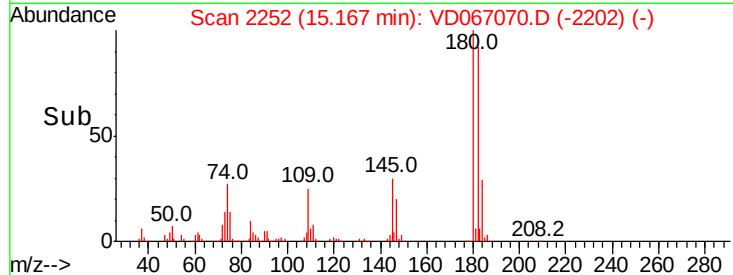
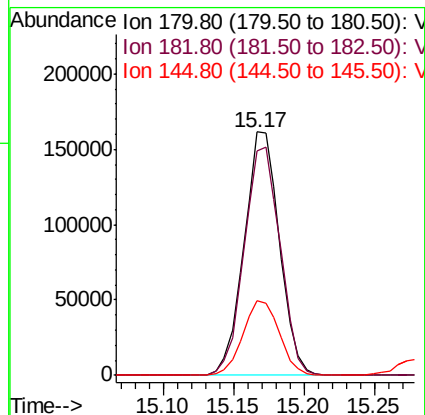
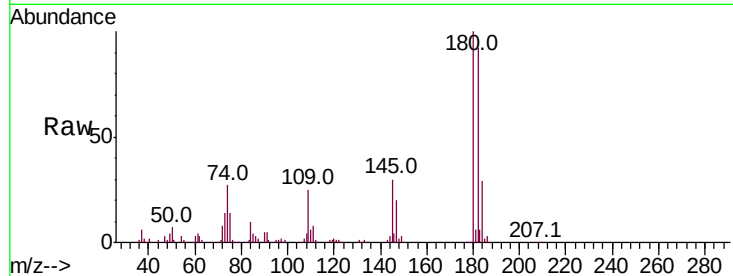




#93
 1,2,4-Trichlorobenzene
 Concen: 47.908 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

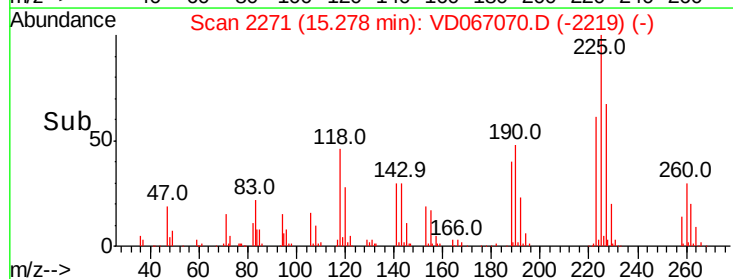
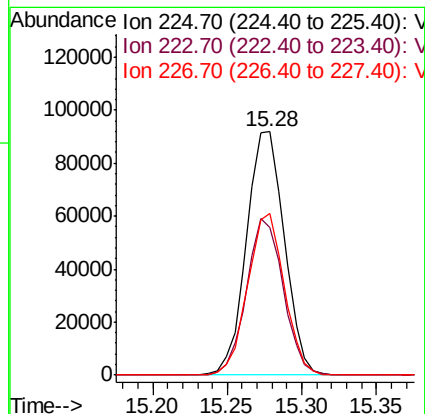
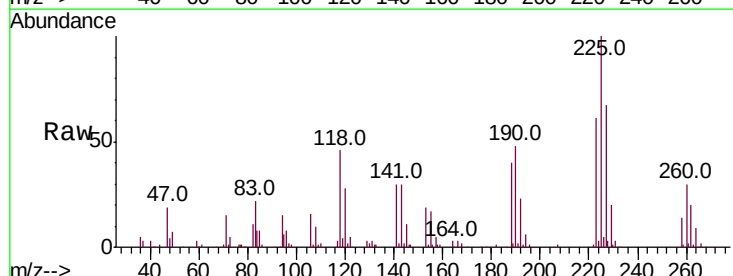
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

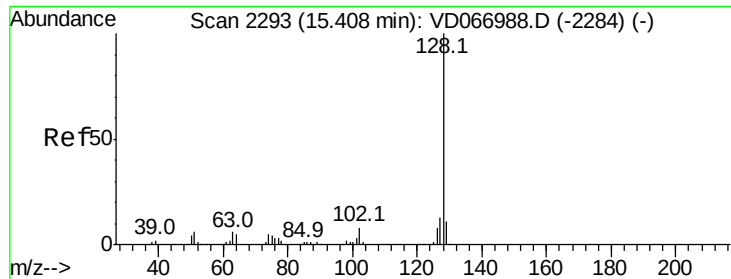
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	31.4	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 44.261 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.4	97.0
227	64.2	31.6	95.0





#95

Naphthalene

Concen: 52.463 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

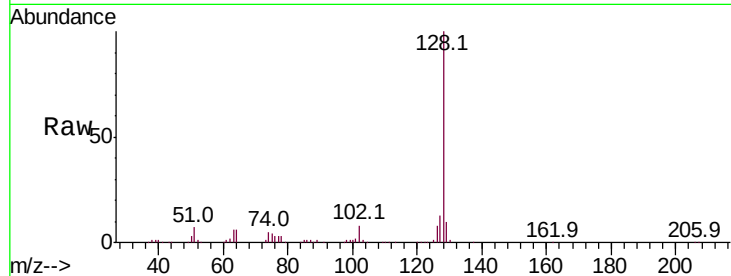
Tot Ion:128 Resp: 519625

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

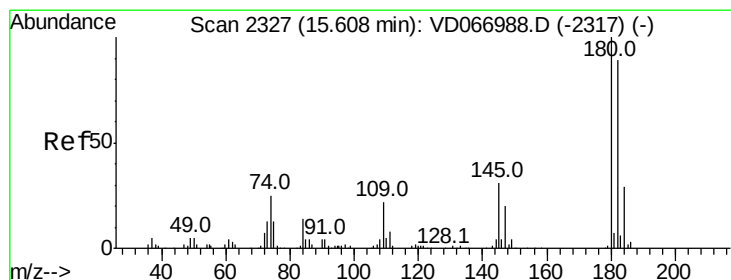
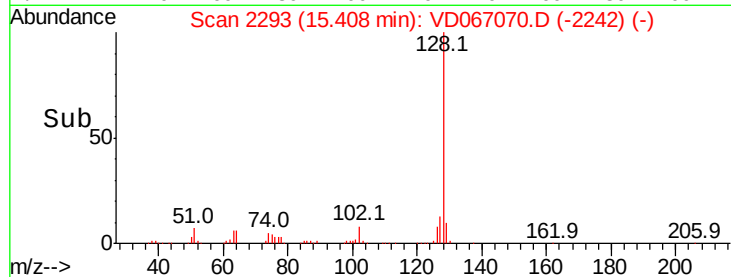
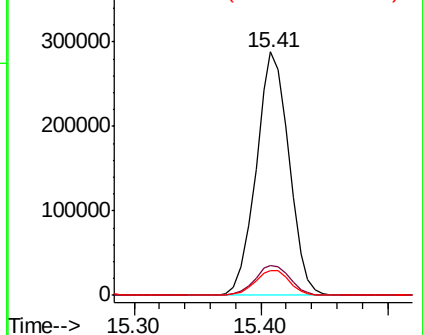
129 10.7 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 49.801 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

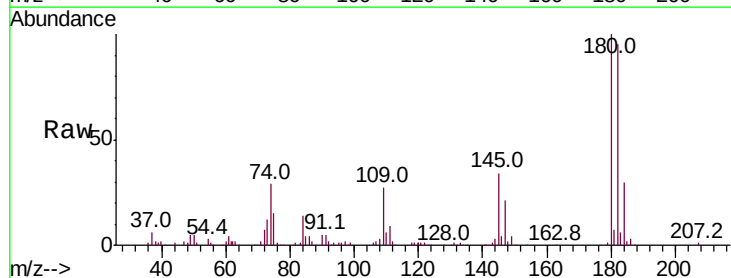
Tgt Ion:180 Resp: 256715

Ion Ratio Lower Upper

180 100

182 95.0 46.4 139.1

145 33.7 16.6 49.7



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

