

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067079.D
 Acq On : 05 Oct 2020 13:13
 Operator : VA/SY
 Sample : L4230-09
 Misc : 12.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2015

Quant Time: Oct 06 07:16:34 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	14030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	20629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	22944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	11192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	9508	70.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.72%	
35) Dibromofluoromethane	7.92	113	5286	39.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.28%	
50) Toluene-d8	10.34	98	25004	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.63	95	12262	73.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.80%	

Target Compounds

						Qvalue
3) Chloromethane	2.20	50	581	5.200	ug/l #	43
5) Bromomethane	2.80	94	1479	17.681	ug/l	83
6) Chloroethane	2.93	64	80	1.173	ug/l #	41
10) Methyl Iodide	4.33	142	1046	7.652	ug/l #	42
16) Acetone	4.15	43	498	24.141	ug/l #	42
20) Methylene Chloride	4.95	84	1432	2.934	ug/l #	47
31) Cyclohexane	7.97	56	254	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	974	5.065	ug/l #	41
38) Carbon Tetrachloride	7.98	117	1672	8.037	ug/l #	11
39) Methylcyclohexane	9.37	83	243	1.195	ug/l #	65
41) Methacrylonitrile	7.57	41	53	1.473	ug/l #	100
46) Dibromomethane	9.41	93	143	1.983	ug/l #	4
48) Methyl methacrylate	9.44	41	553	8.796	ug/l #	21
51) 4-Methyl-2-Pentanone	10.21	43	227	3.714	ug/l #	33
56) Ethyl methacrylate	10.68	69	189	1.826	ug/l #	1
59) 2-Hexanone	10.98	43	167	4.093	ug/l #	23
60) Dibromochloromethane	11.16	129	139	1.040	ug/l #	12
61) 1,2-Dibromoethane	11.17	107	229	2.377	ug/l	88
68) m/p-Xylenes	11.85	106	428	1.405	ug/l #	70
69) o-Xylene	12.17	106	516	1.894	ug/l	58
71) Bromoform	12.34	173	410	4.550	ug/l #	28
74) N-amyl acetate	12.27	43	692	5.065	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.73	83	318	2.484	ug/l #	5
76) 1,2,3-Trichloropropane	12.63	75	5287	54.233	ug/l #	100
78) n-propylbenzene	12.82	91	2539	2.827	ug/l	92
79) 2-Chlorotoluene	12.90	91	867	1.687	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.63	75	5287	135.211	ug/l #	16
82) 4-Chlorotoluene	13.01	91	1742	3.186	ug/l #	40
83) tert-Butylbenzene	13.33	119	618	1.143	ug/l	98
86) p-Isopropyltoluene	13.54	119	1562	2.213	ug/l #	71
89) n-Butylbenzene	13.98	91	719	1.114	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.50	75	71	3.440	ug/l #	1
95) Naphthalene	15.41	128	1306	3.878	ug/l #	73

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

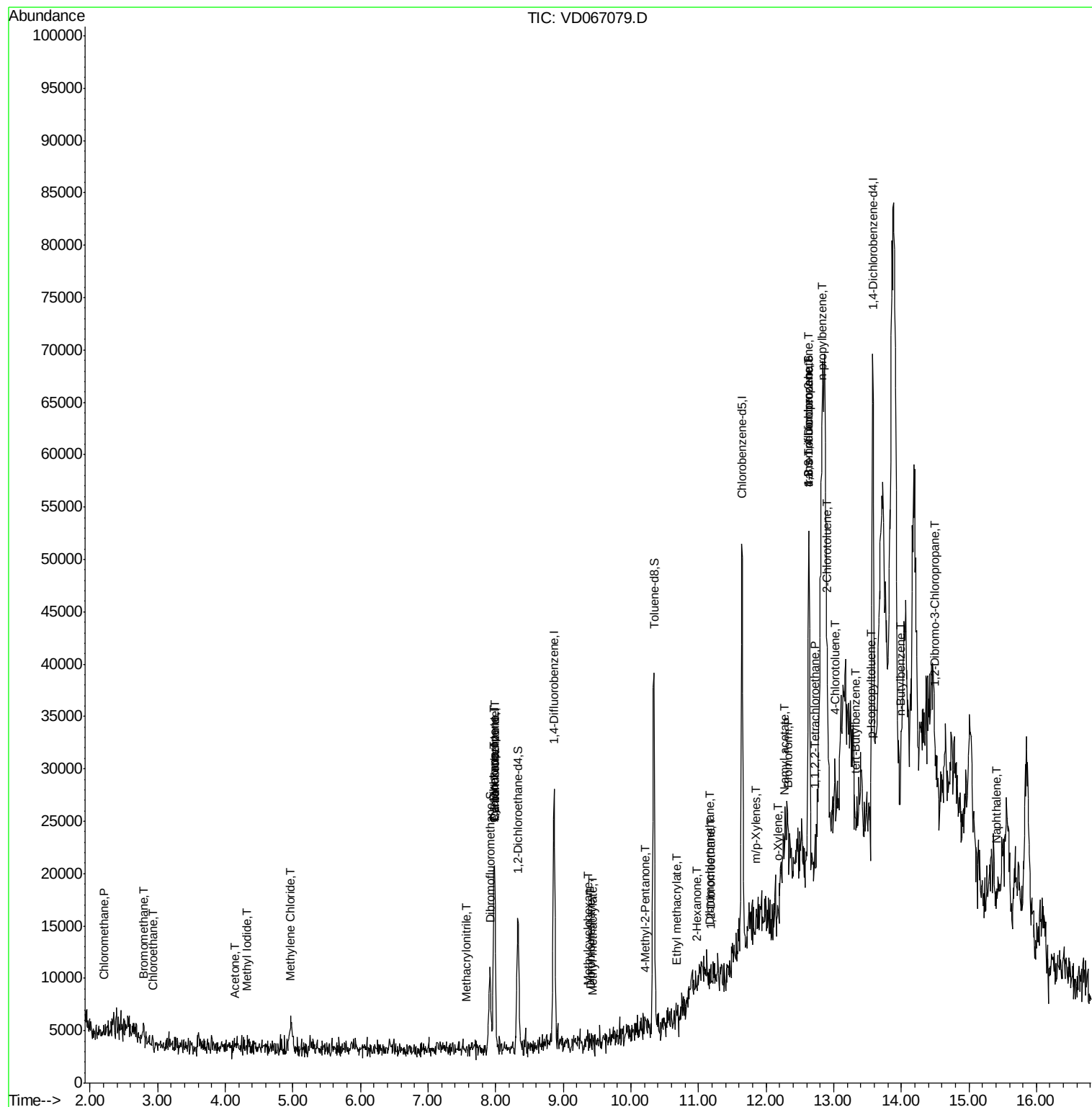
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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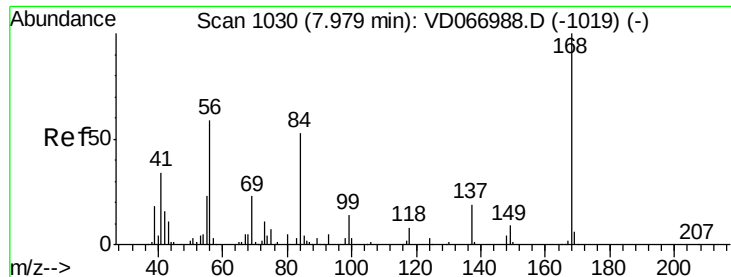
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :

MSVOA_D

ClientSampleId :

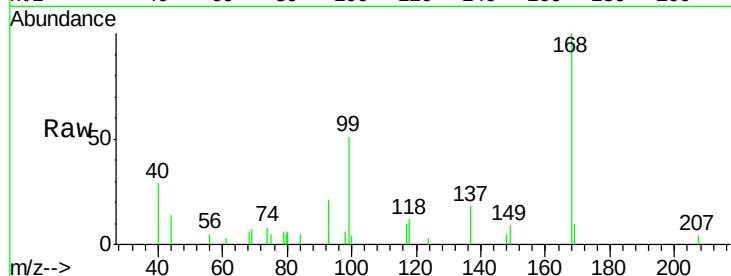
2015

Tot Ion:168 Resp: 14030

Ion Ratio Lower Upper

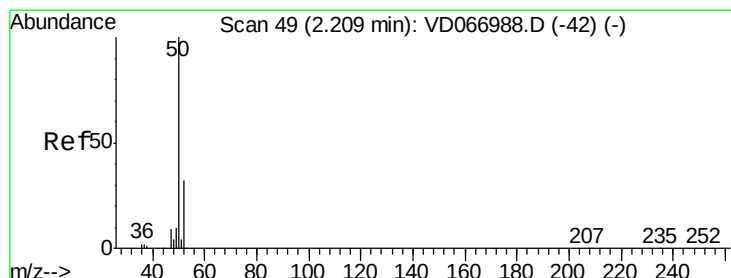
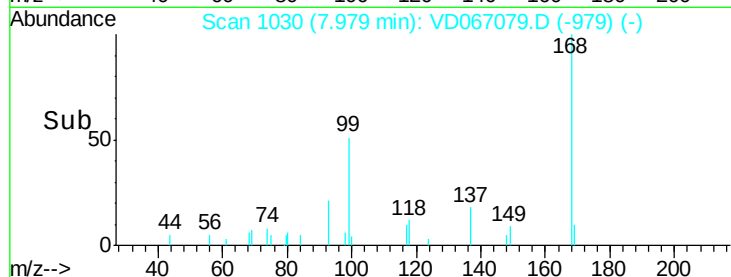
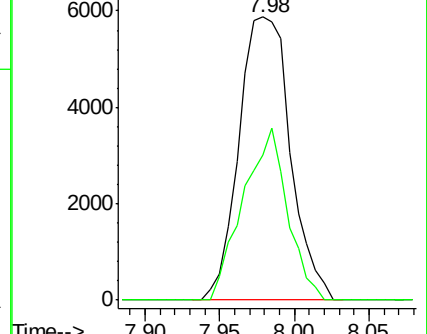
168 100

99 51.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 5.200 ug/l

RT: 2.20 min Scan# 47

Delta R.T. -0.01 min

Lab File: VD067079.D

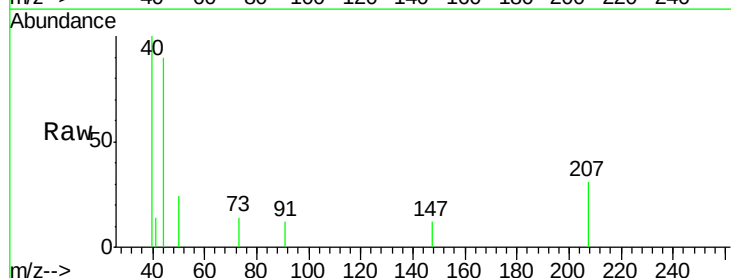
Acq: 05 Oct 2020 13:13

Tgt Ion: 50 Resp: 581

Ion Ratio Lower Upper

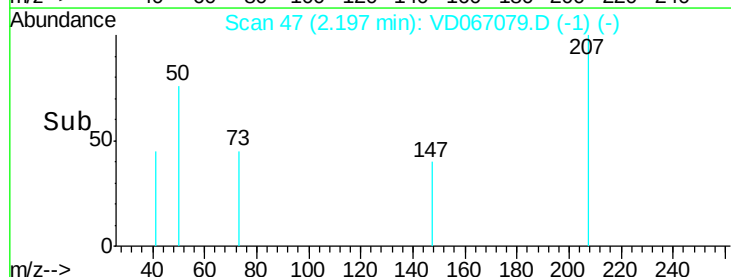
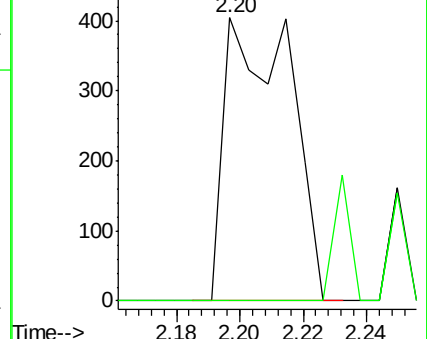
50 100

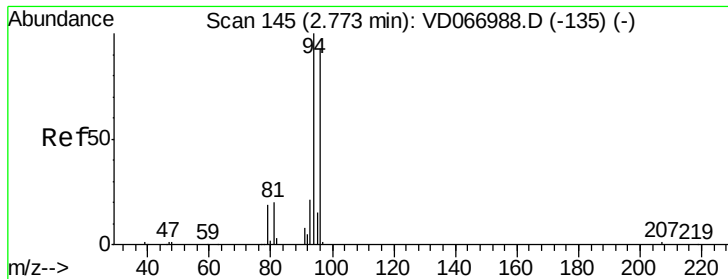
52 0.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 17.681 ug/l

RT: 2.80 min Scan# 149

Delta R.T. 0.02 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :

MSVOA_D

ClientSampled :

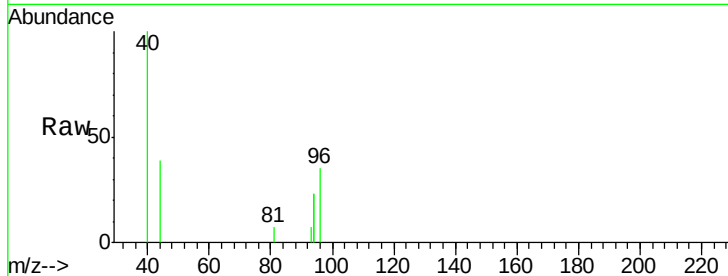
2015

Tot Ion: 94 Resp: 1479

Ion Ratio Lower Upper

94 100

96 76.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.80

1200

1000

800

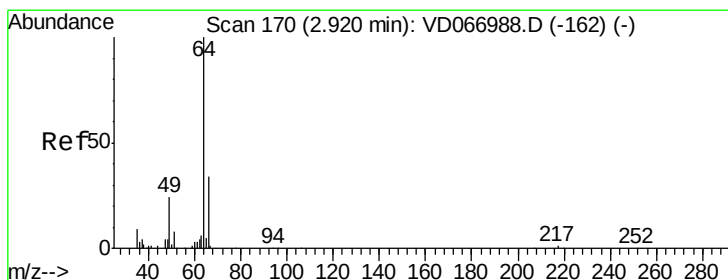
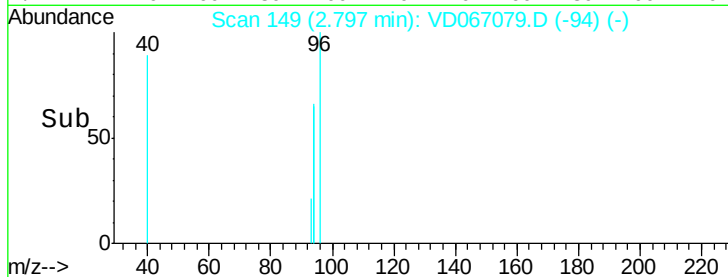
600

400

200

0

Time-->



#6

Chloroethane

Concen: 1.173 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067079.D

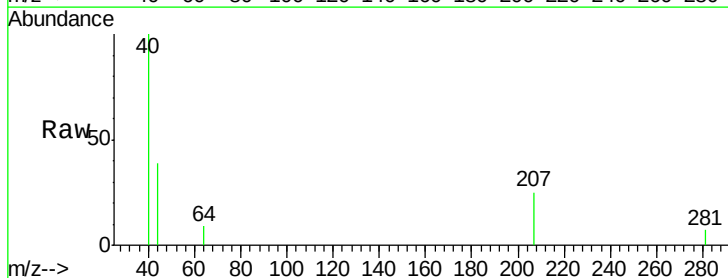
Acq: 05 Oct 2020 13:13

Tgt Ion: 64 Resp: 80

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

250

200

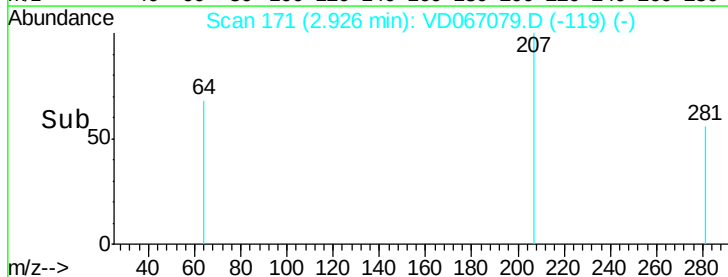
150

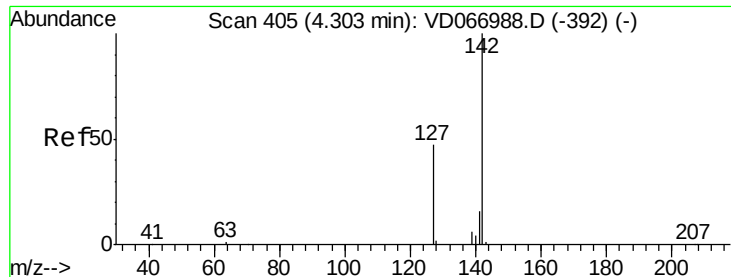
100

50

0

Time-->

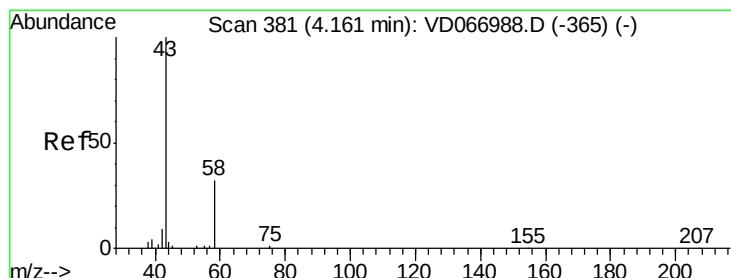
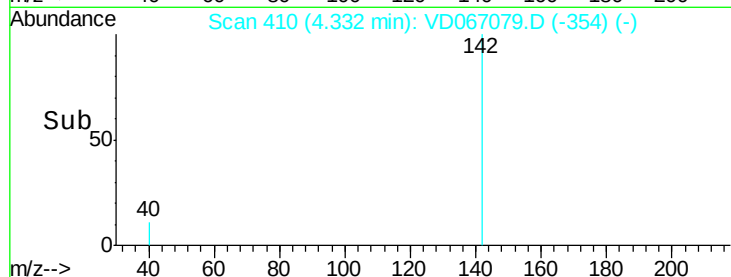
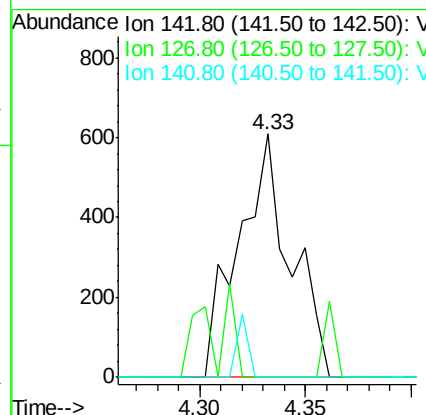
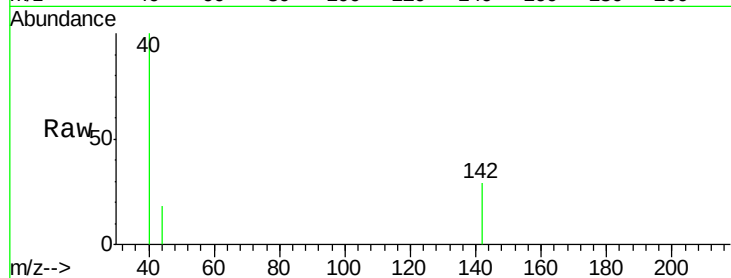




#10
Methvl Iodide
Concen: 7.652 ug/l
RT: 4.33 min Scan# 410
Delta R.T. 0.03 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

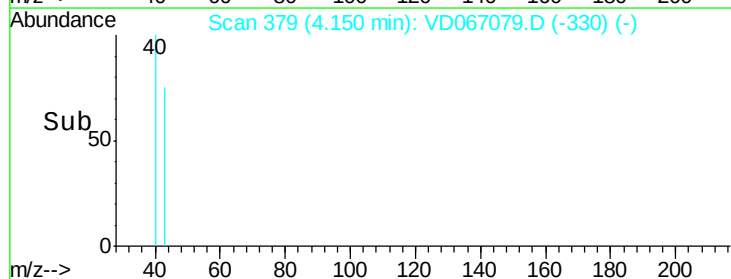
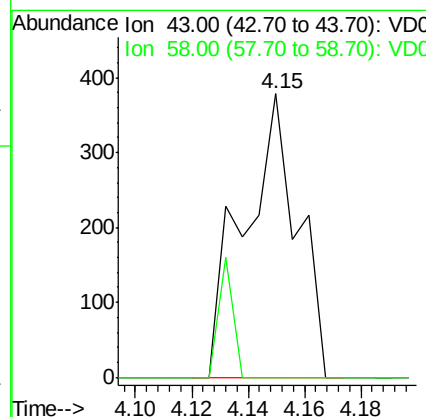
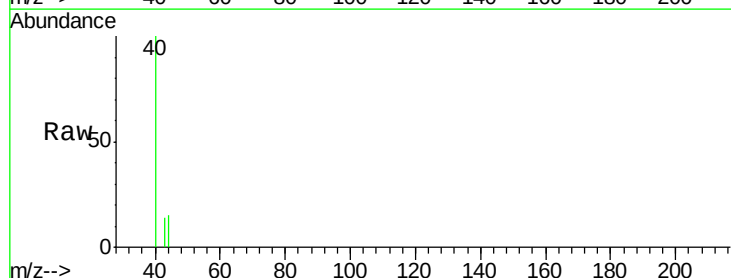
Instrument :
MSVOA_D
ClientSampleId :
2015

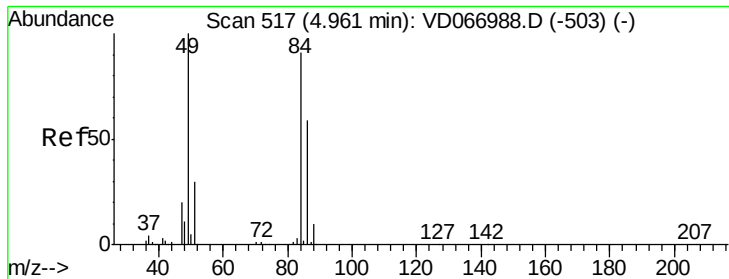
Tot Ion:142 Resp: 1046
Ion Ratio Lower Upper
142 100
127 0.0 36.3 54.5#
141 5.3 12.0 18.0#



#16
Acetone
Concen: 24.141 ug/l
RT: 4.15 min Scan# 379
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#

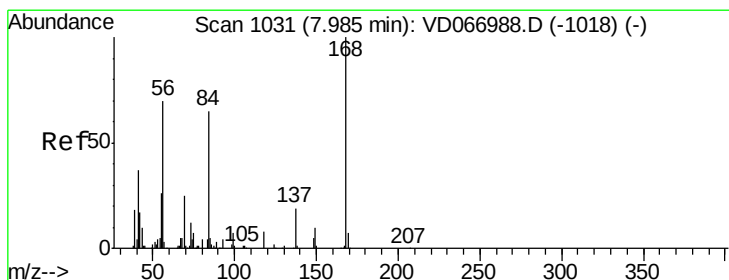
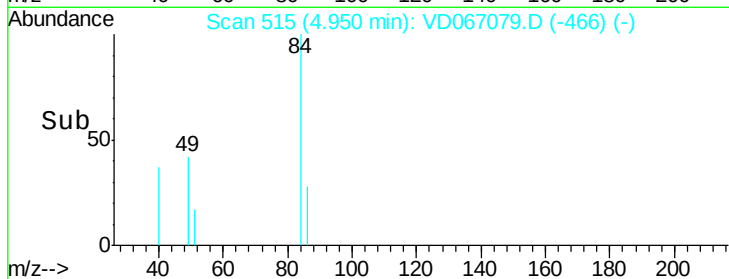
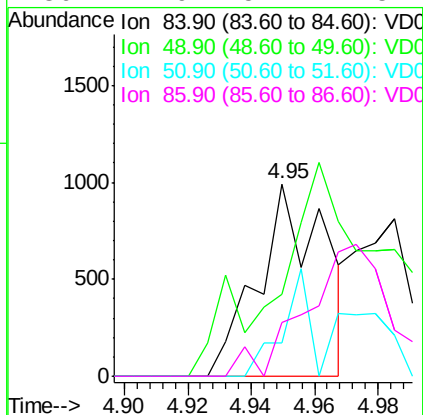
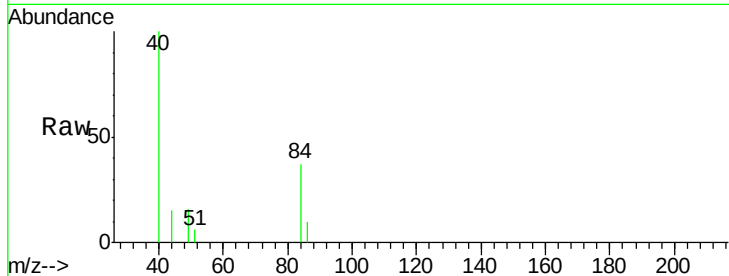




#20
Methvlene Chloride
Concen: 2.934 ug/l
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

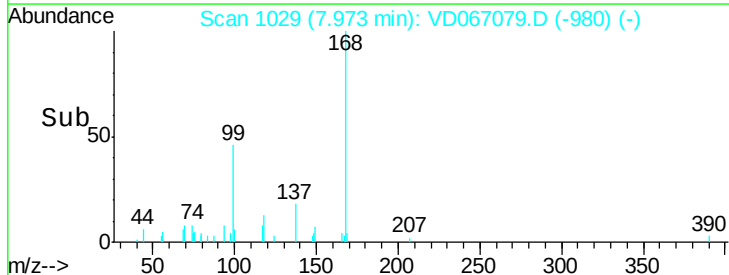
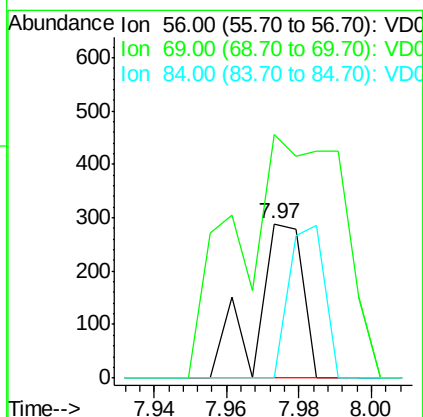
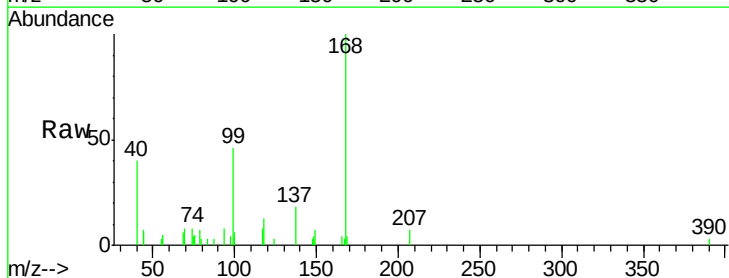
Instrument :
MSVOA_D
ClientSampled :
2015

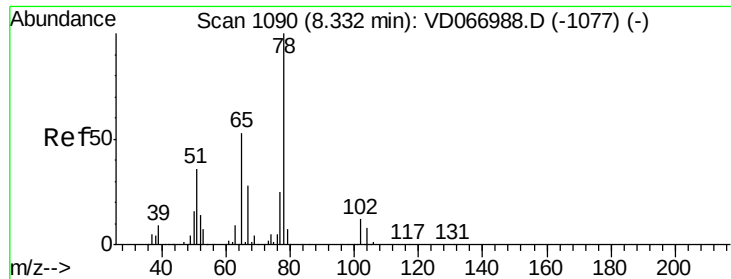
Tot Ion: 84 Resp: 1432
Ion Ratio Lower Upper
84 100
49 42.5 88.2 132.2#
51 17.4 26.6 39.8#
86 27.9 52.1 78.1#



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion: 56 Resp: 254
Ion Ratio Lower Upper
56 100
69 157.8 29.0 43.6#
84 0.0 74.2 111.2#

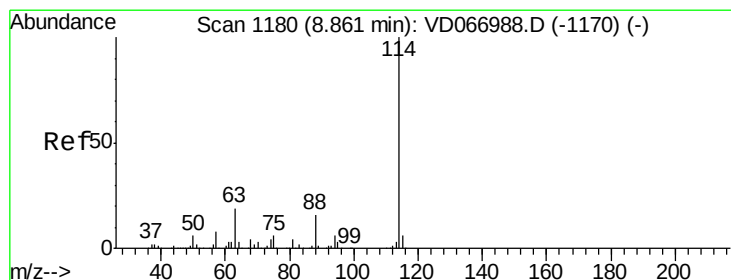
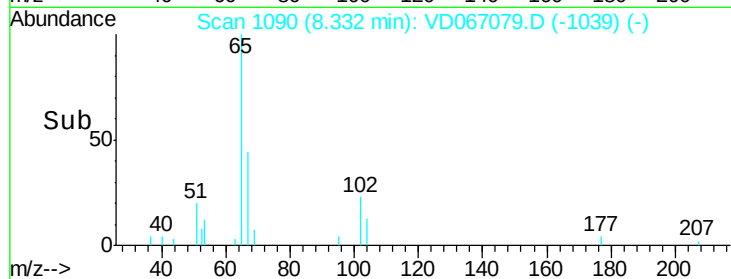
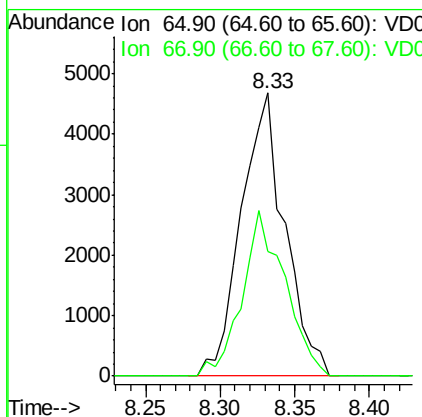
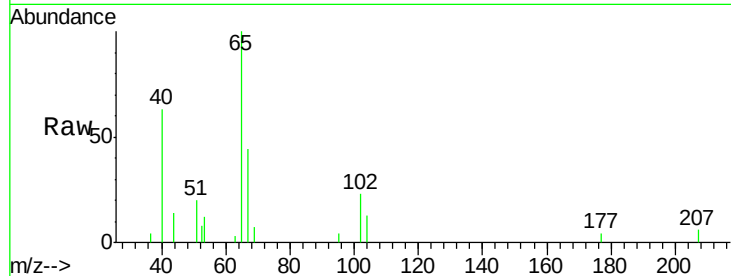




#33
 1,2-Dichloroethane-d4
 Concen: 70.359 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067079.D
 Acq: 05 Oct 2020 13:13

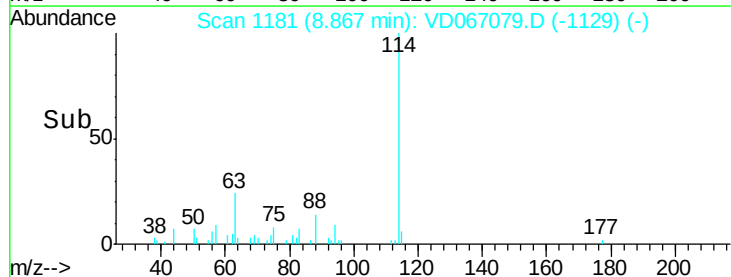
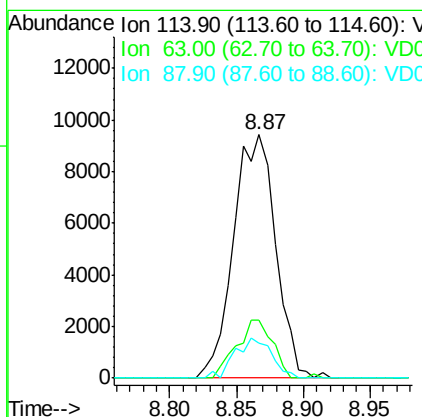
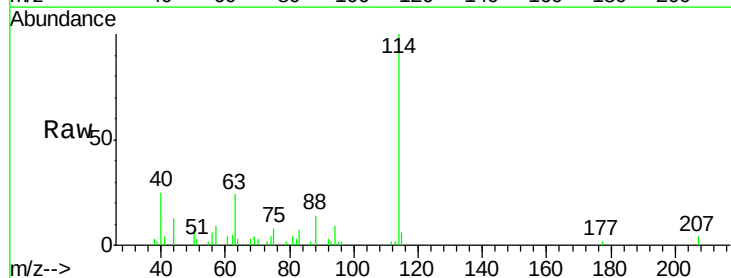
Instrument :
 MSVOA_D
 ClientSampled :
 2015

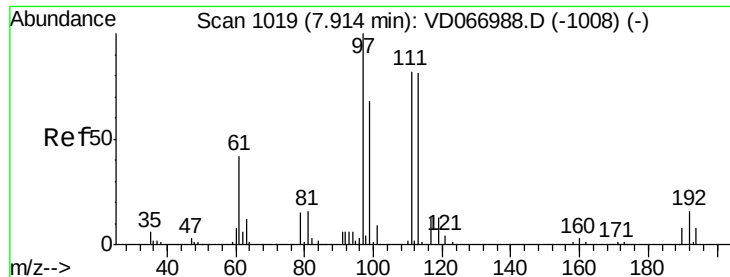
Tot Ion: 65 Resp: 9508
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067079.D
 Acq: 05 Oct 2020 13:13

Tgt Ion: 114 Resp: 20629
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 38.4
 88 14.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 39.140 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :
MSVOA_D
ClientSampled :
2015

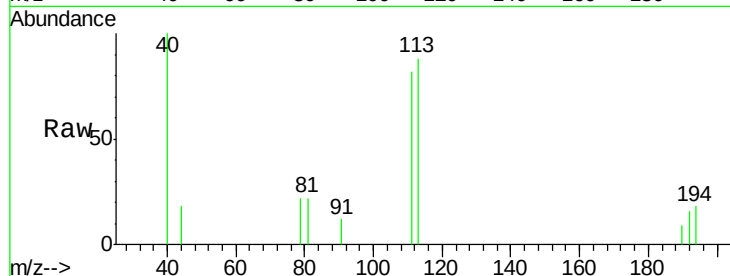
Tot Ion:113 Resp: 5286

Ion Ratio Lower Upper

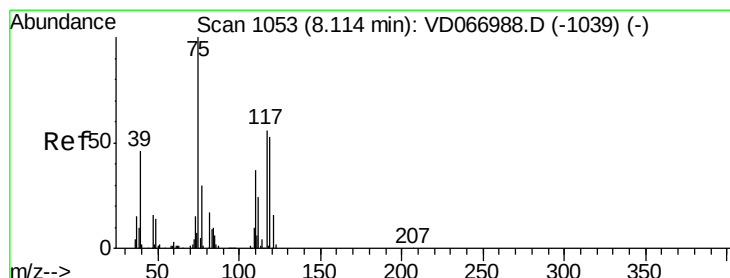
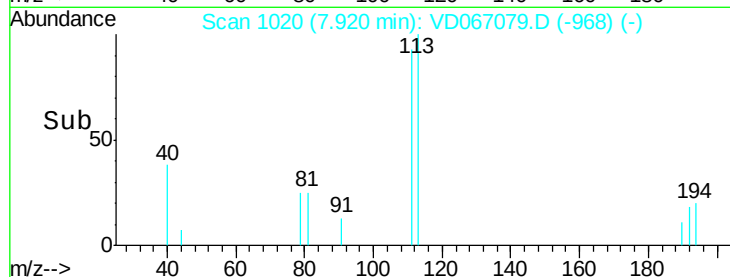
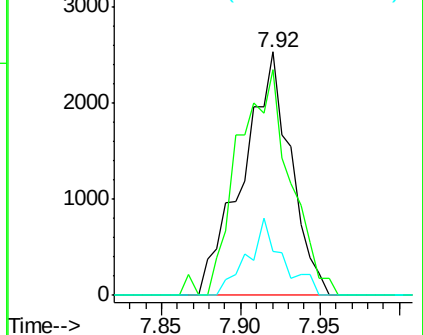
113 100

111 100.3 83.0 124.4

192 23.3 15.5 23.3



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



#36

1,1-Dichloropropene

Concen: 5.065 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

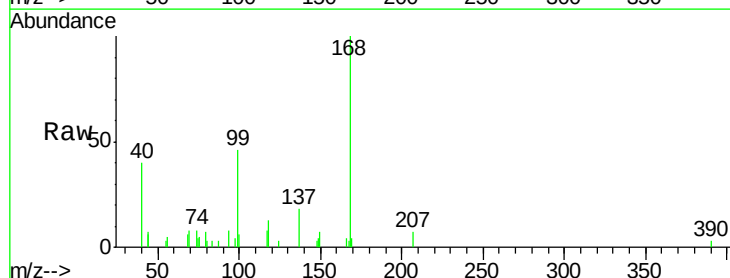
Tgt Ion: 75 Resp: 974

Ion Ratio Lower Upper

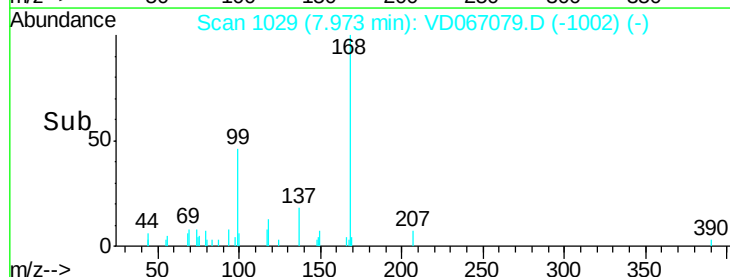
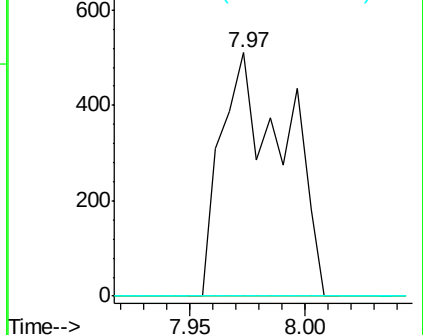
75 100

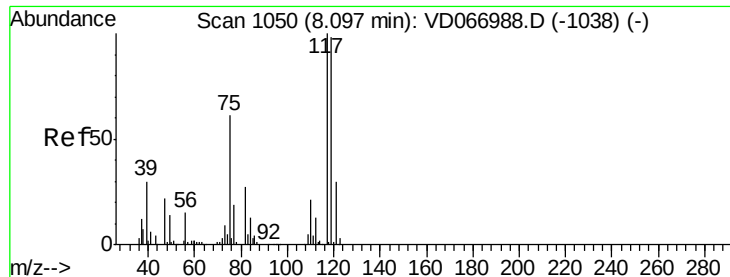
110 0.0 18.4 55.0#

77 0.0 24.8 37.2#



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





#38

Carbon Tetrachloride

Concen: 8.037 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :

MSVOA_D

ClientSampleId :

2015

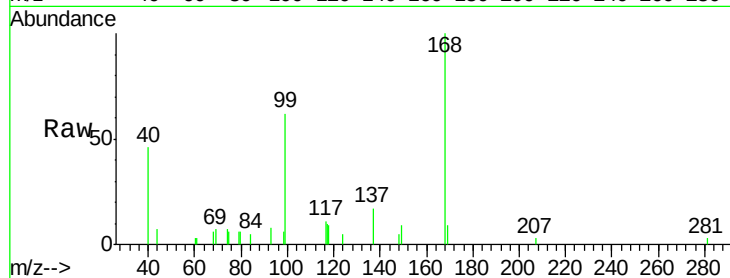
Tot Ion:117 Resp: 1672

Ion Ratio Lower Upper

117 100

119 0.0 78.7 118.1#

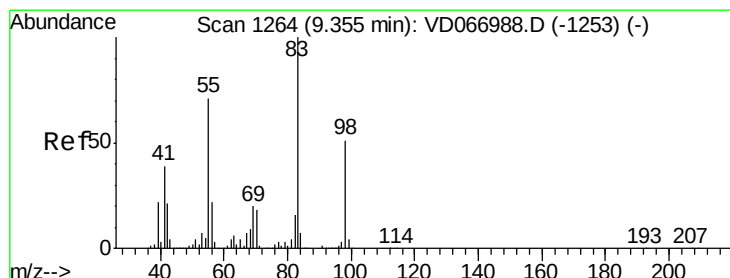
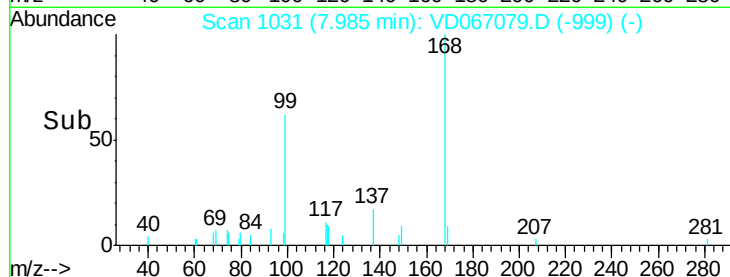
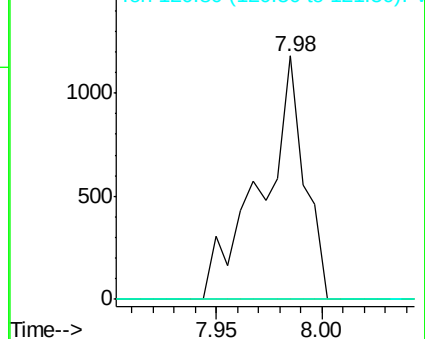
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.195 ug/l

RT: 9.37 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

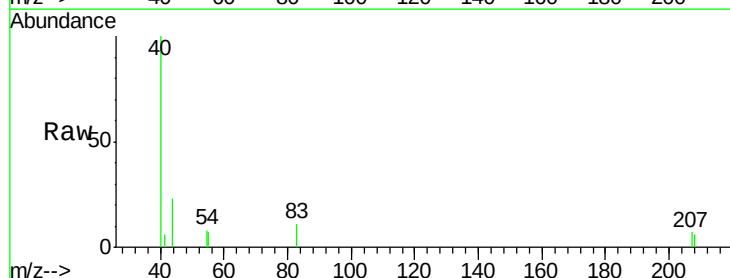
Tgt Ion: 83 Resp: 243

Ion Ratio Lower Upper

83 100

55 64.5 57.1 85.7

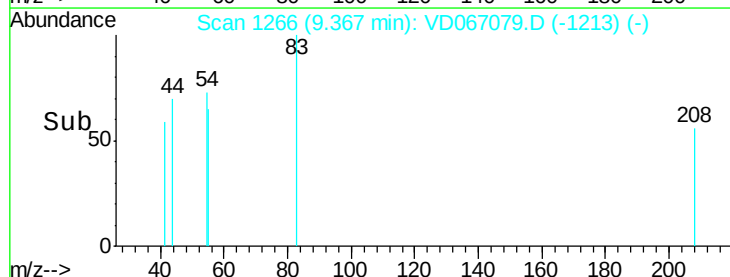
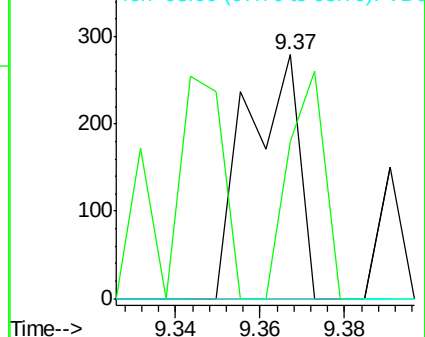
98 0.0 40.9 61.3#

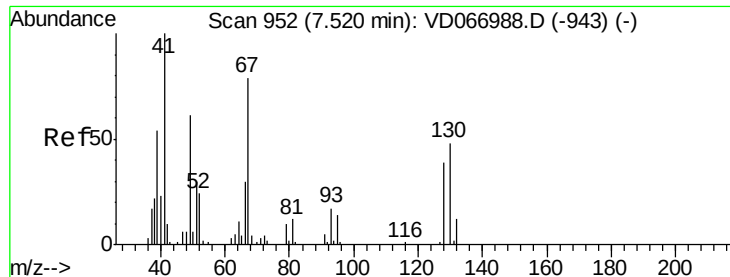


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC

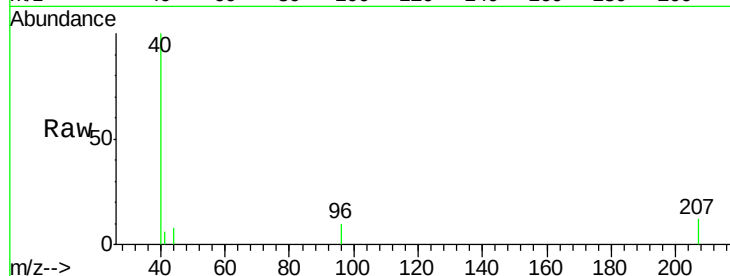




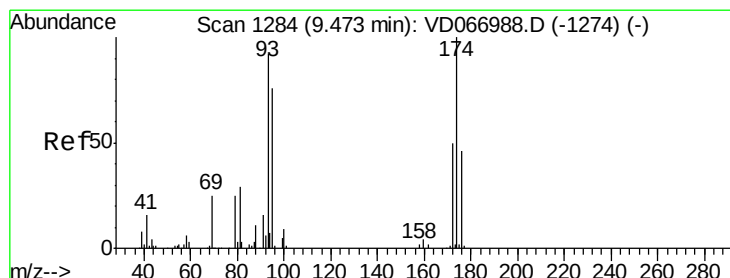
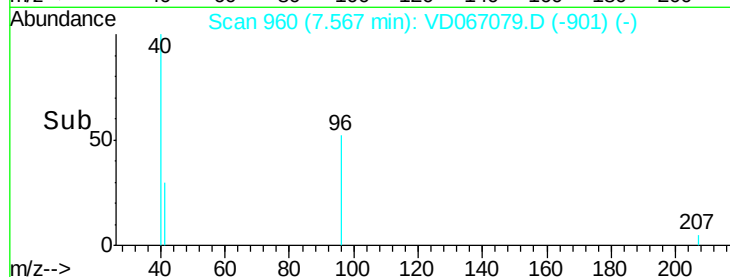
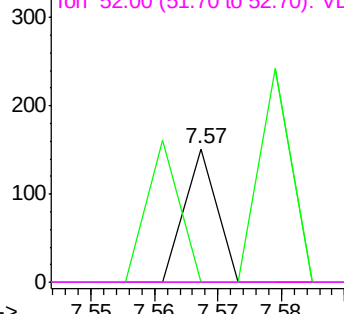
#41
Methacrylonitrile
Concen: 1.473 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.05 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Instrument :
MSVOA_D
ClientSampled :
2015

Tot Ion:	41	Resp:	53
Ion	Ratio	Lower	Upper
41	100		
39	107.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

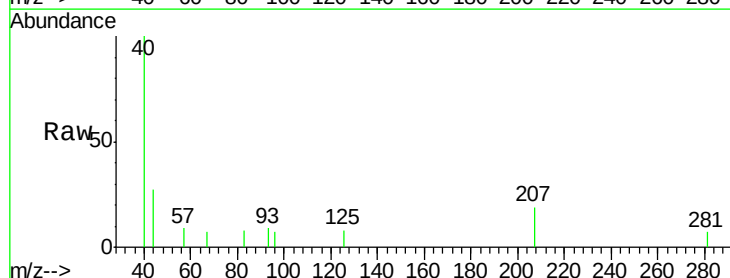


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

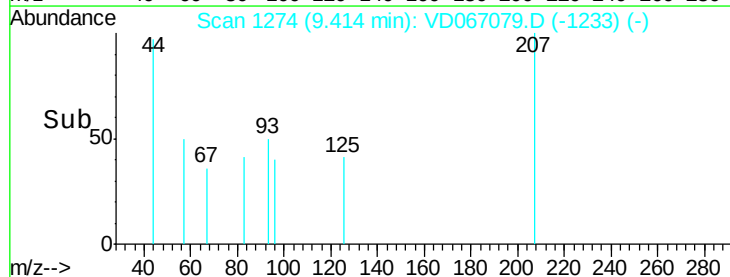
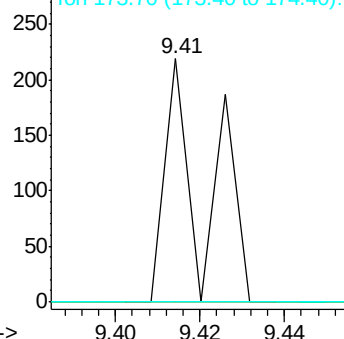


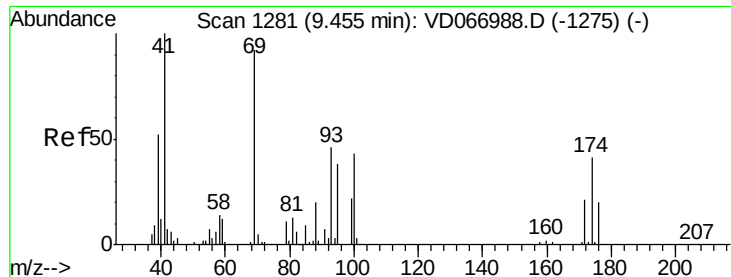
#46
Dibromomethane
Concen: 1.983 ug/l
RT: 9.41 min Scan# 1274
Delta R.T. -0.06 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion:	93	Resp:	143
Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.7	97.1#
174	0.0	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

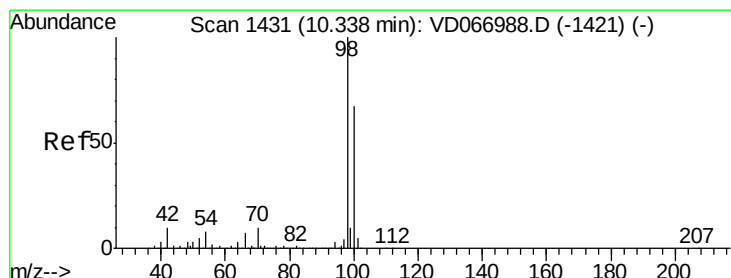
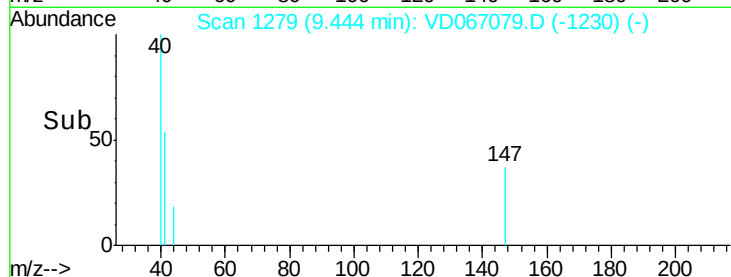
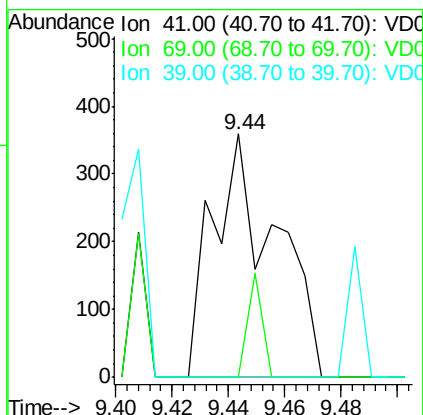
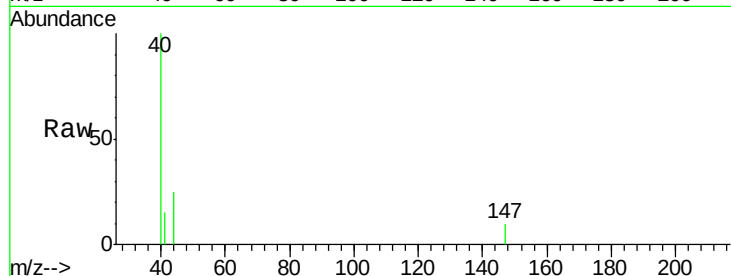




#48
Methvl methacrylate
Concen: 8.796 ug/l
RT: 9.44 min Scan# 1279
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

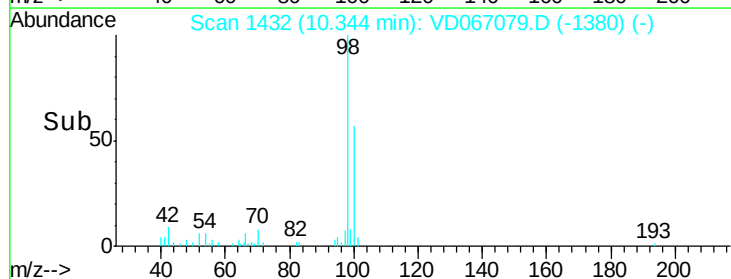
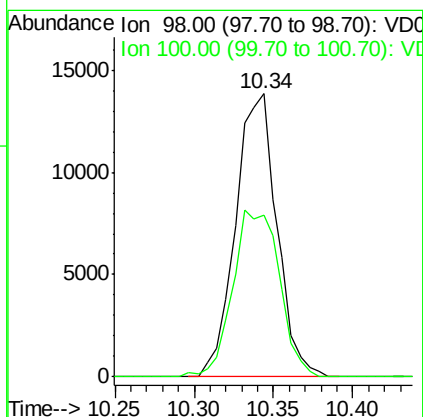
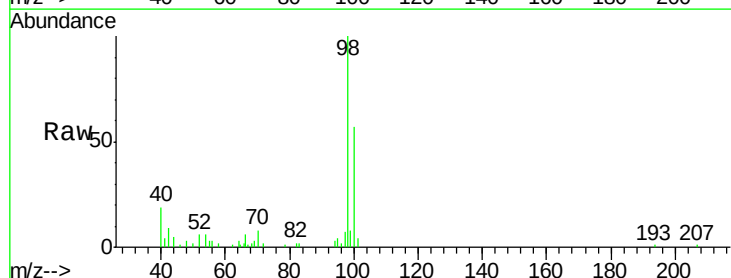
Instrument :
MSVOA_D
ClientSampled :
2015

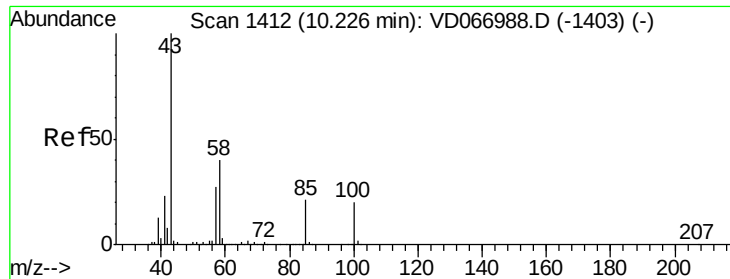
Tot Ion: 41 Resp: 553
Ion Ratio Lower Upper
41 100
69 9.8 68.5 102.7#
39 0.0 40.2 60.2#



#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion: 98 Resp: 25004
Ion Ratio Lower Upper
98 100
100 66.6 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 3.714 ug/l

RT: 10.21 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :

MSVOA_D

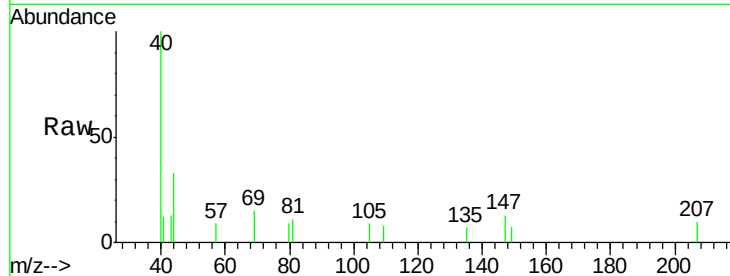
ClientSampled :
2015

Tot Ion: 43 Resp: 227

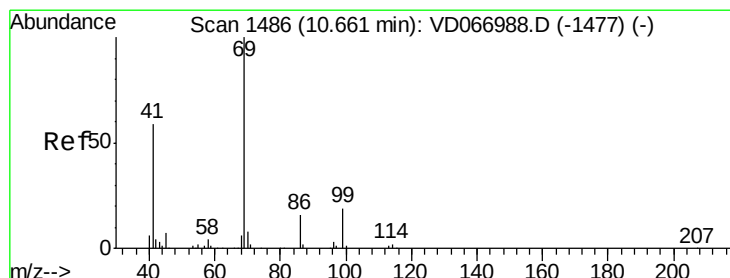
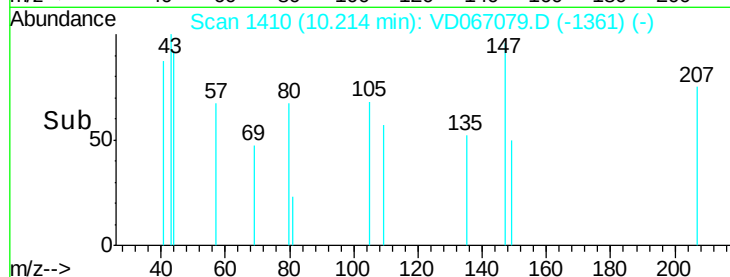
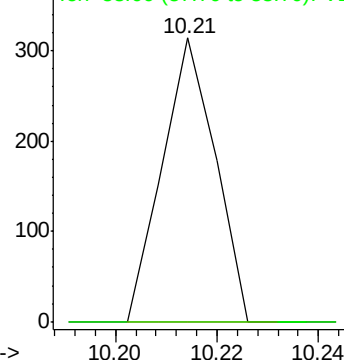
Ion Ratio Lower Upper

43 100

58 0.0 33.8 50.8#



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



#56

Ethyl methacrylate

Concen: 1.826 ug/l

RT: 10.68 min Scan# 1489

Delta R.T. 0.02 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

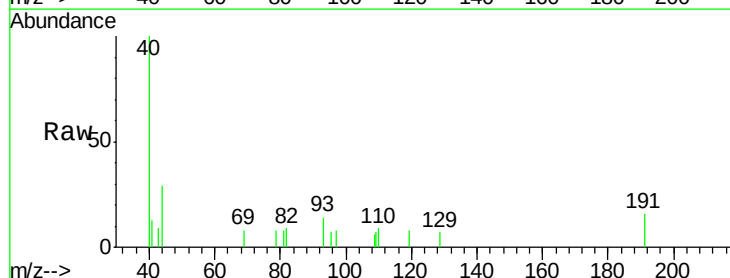
Tgt Ion: 69 Resp: 189

Ion Ratio Lower Upper

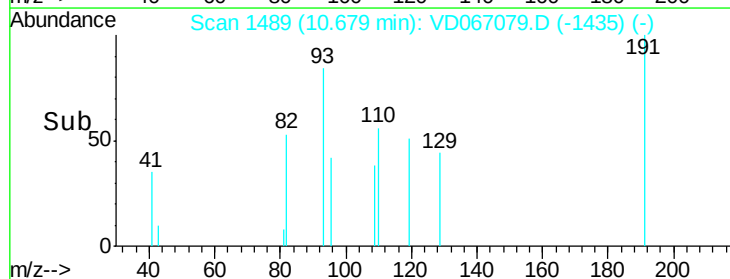
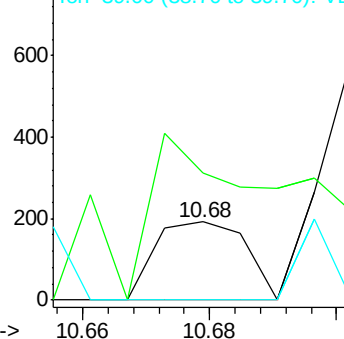
69 100

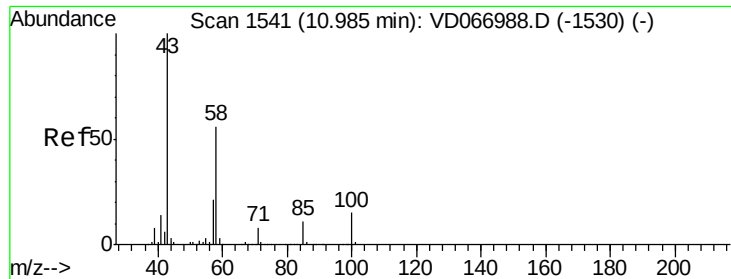
41 334.9 46.4 69.6#

39 0.0 23.8 35.6#



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

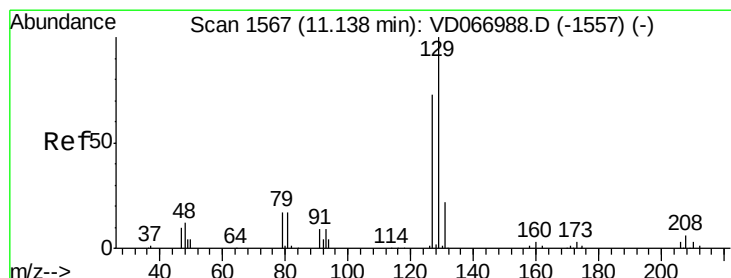
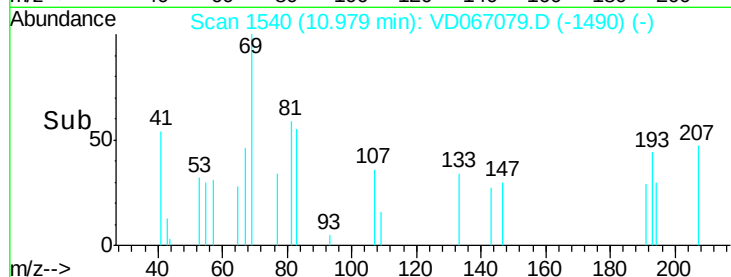
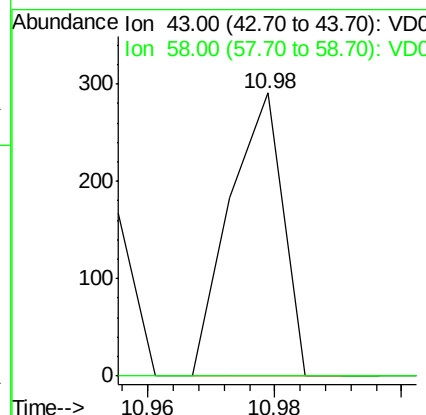
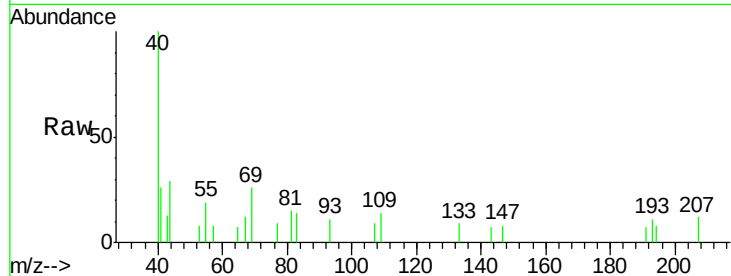




#59
2-Hexanone
Concen: 4.093 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

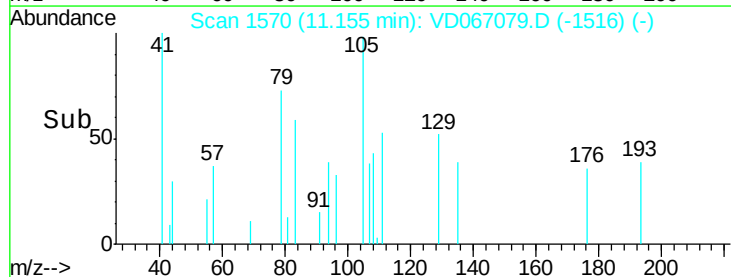
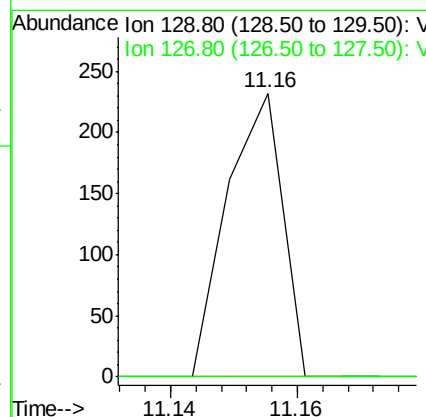
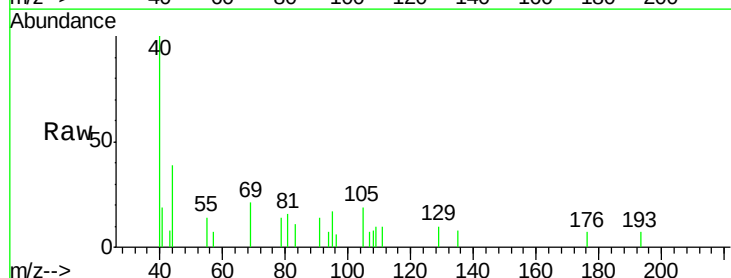
Instrument :
MSVOA_D
ClientSampleId :
2015

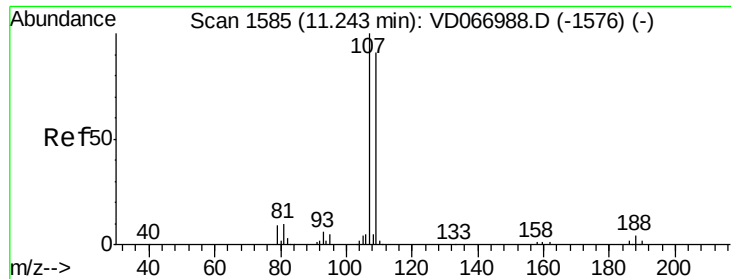
Tot Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#60
Dibromochloromethane
Concen: 1.040 ug/l
RT: 11.16 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion: 129 Resp: 139
Ion Ratio Lower Upper
129 100
127 0.0 37.4 112.1#

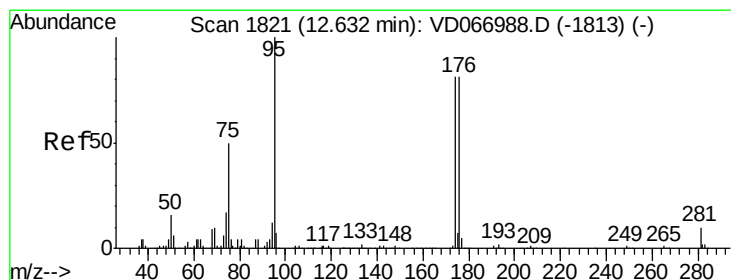
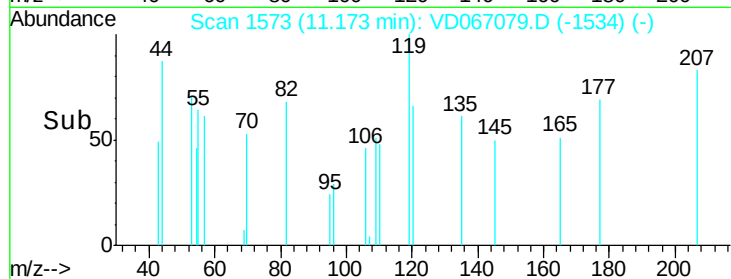
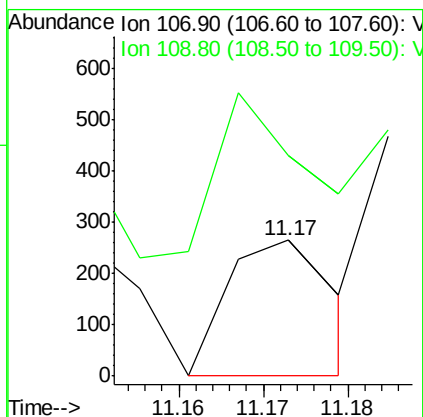
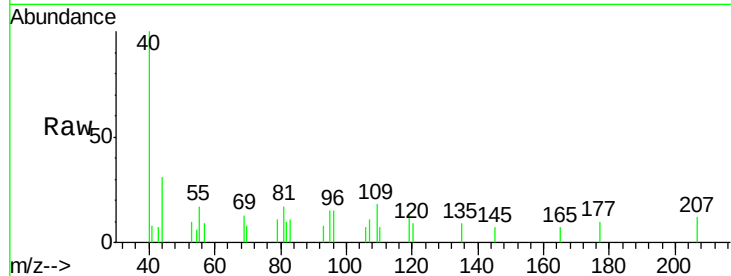




#61
 1,2-Dibromoethane
 Concen: 2.377 ug/l
 RT: 11.17 min Scan# 1573
 Delta R.T. -0.07 min
 Lab File: VD067079.D
 Acq: 05 Oct 2020 13:13

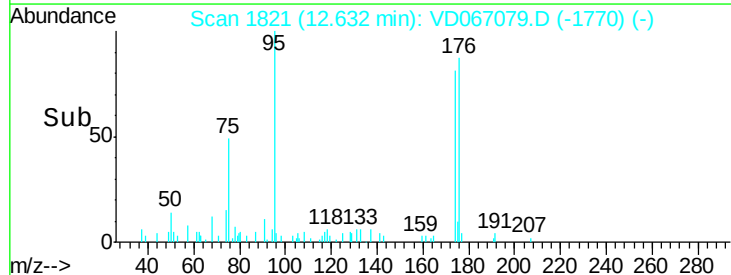
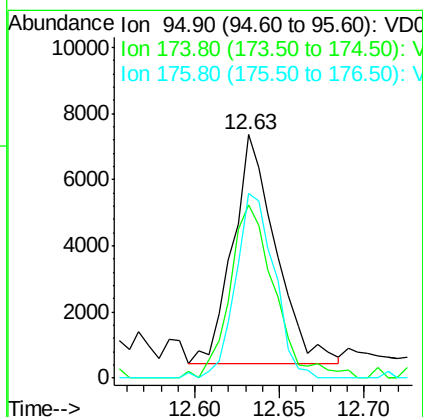
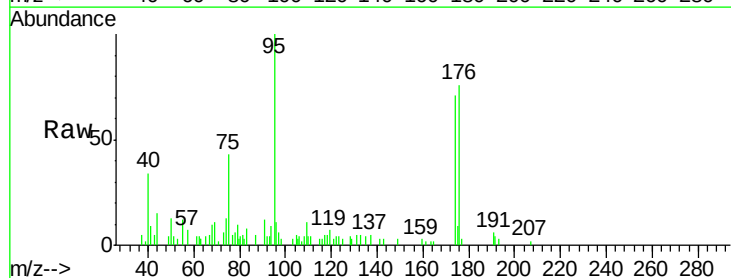
Instrument :
 MSVOA_D
 ClientSampled :
 2015

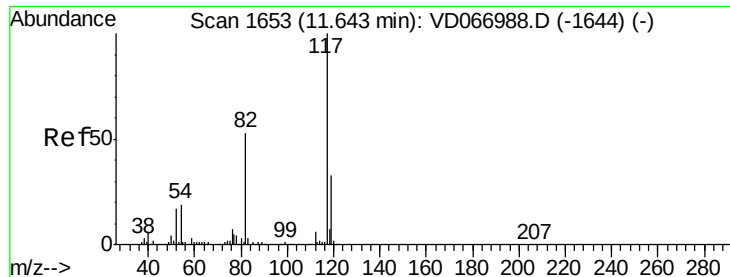
Tot Ion:107 Resp: 229
 Ion Ratio Lower Upper
 107 100
 109 104.4 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 73.397 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067079.D
 Acq: 05 Oct 2020 13:13

Tgt Ion: 95 Resp: 12262
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 167.6
 176 72.8 0.0 162.4

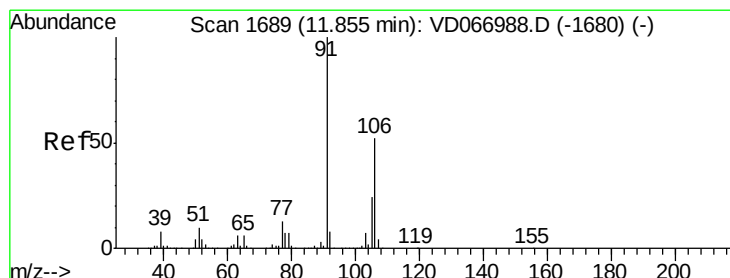
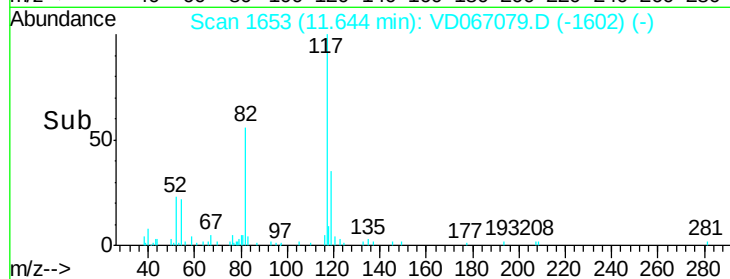
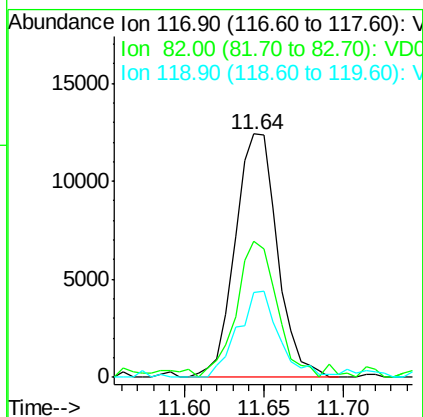
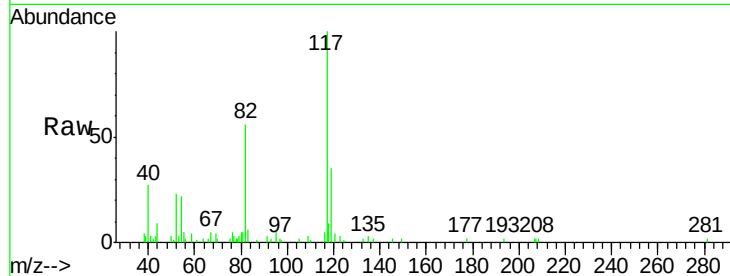




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

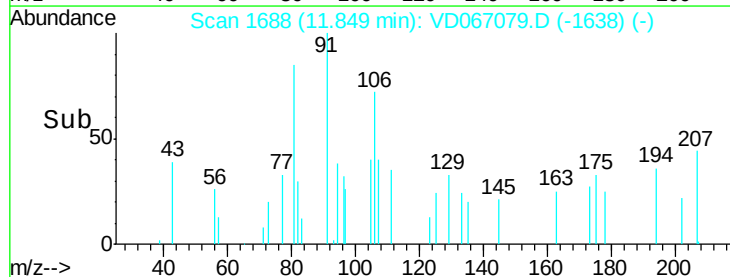
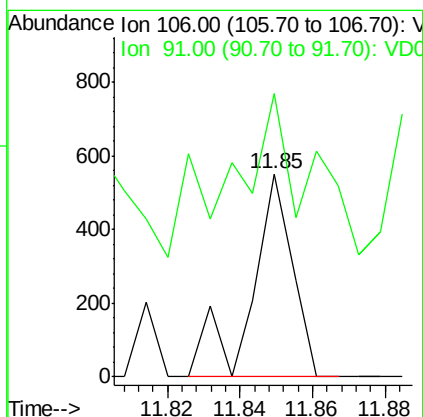
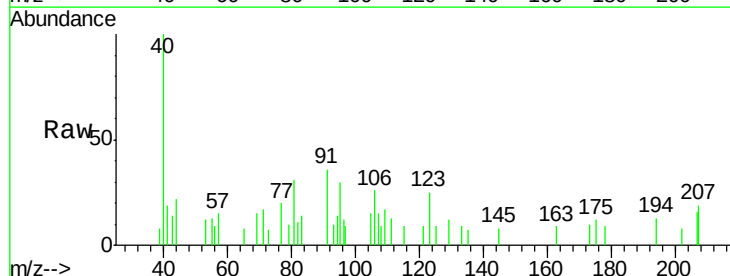
Instrument :
MSVOA_D
ClientSampleId :
2015

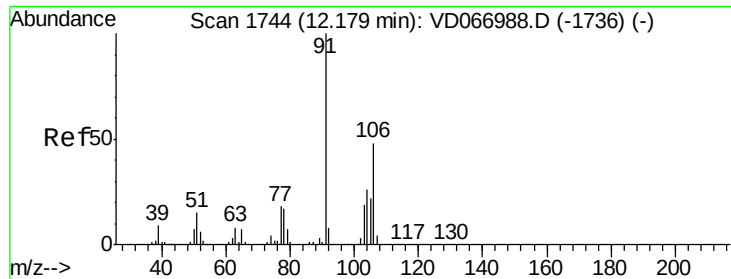
Tot Ion:117 Resp: 22944
Ion Ratio Lower Upper
117 100
82 54.6 42.6 63.8
119 34.9 26.3 39.5



#68
m/p-Xylenes
Concen: 1.405 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion:106 Resp: 428
Ion Ratio Lower Upper
106 100
91 153.0 158.4 237.6#

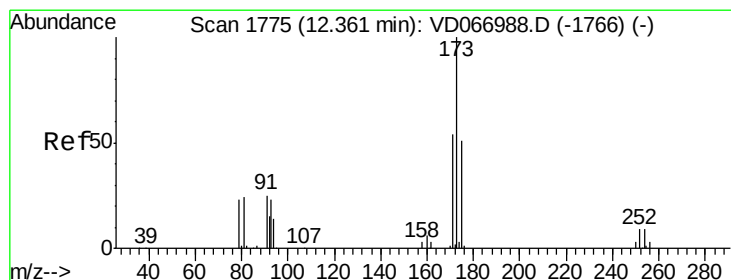
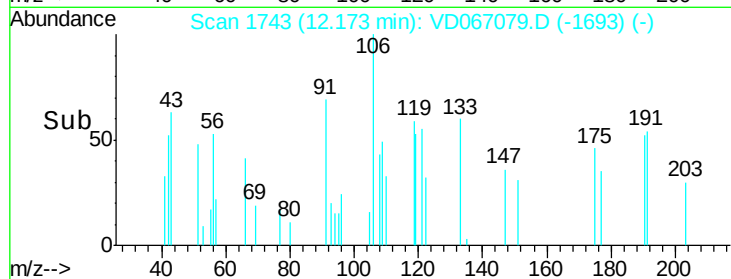
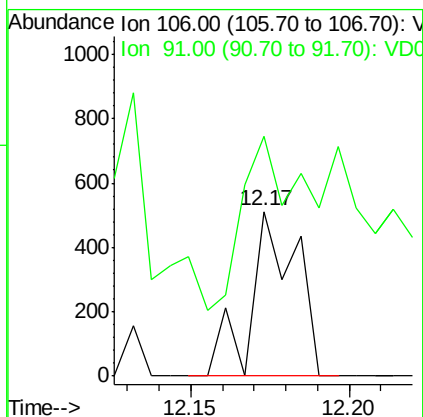
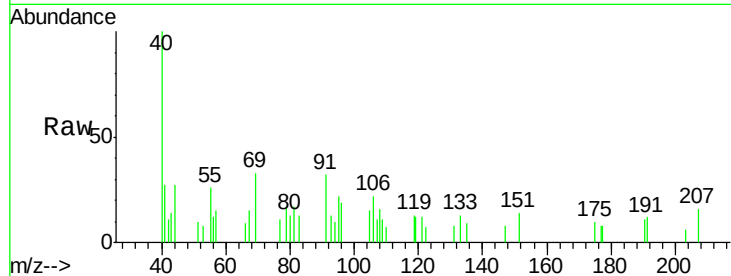




#69
o-Xylene
Concen: 1.894 ug/l
RT: 12.17 min Scan# 1743
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

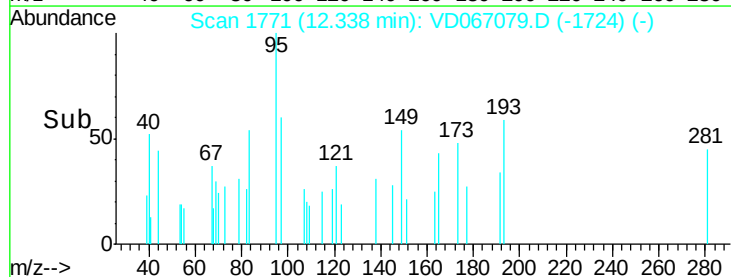
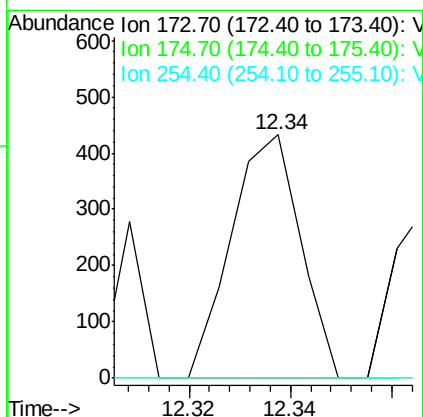
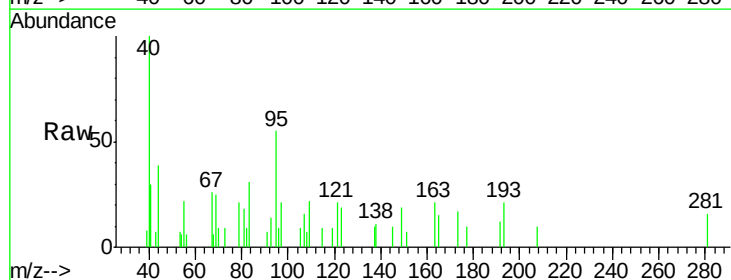
Instrument :
MSVOA_D
ClientSampleId :
2015

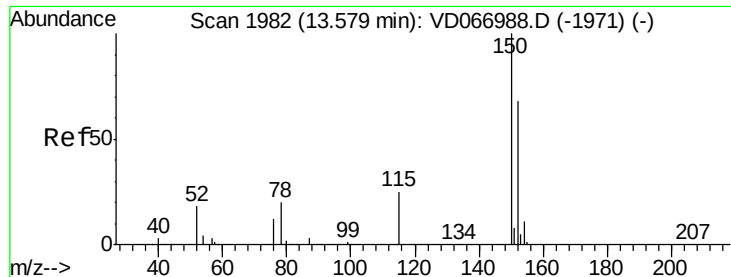
Tot Ion:106 Resp: 516
Ion Ratio Lower Upper
106 100
91 140.5 102.4 307.2



#71
Bromoform
Concen: 4.550 ug/l
RT: 12.34 min Scan# 1771
Delta R.T. -0.02 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion:173 Resp: 410
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.2 0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :

MSVOA_D

ClientSampled :

2015

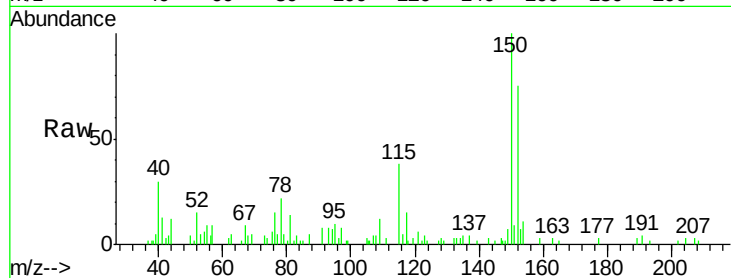
Tot Ion:152 Resp: 11192

Ion Ratio Lower Upper

152 100

115 59.7 29.6 88.8

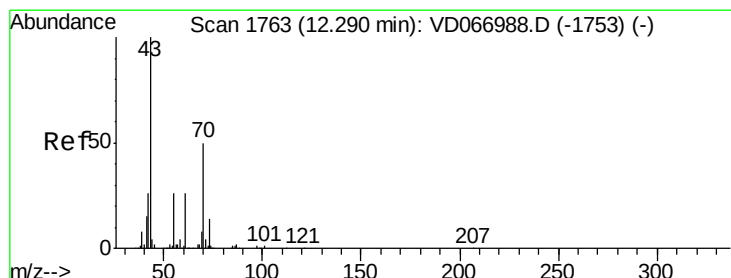
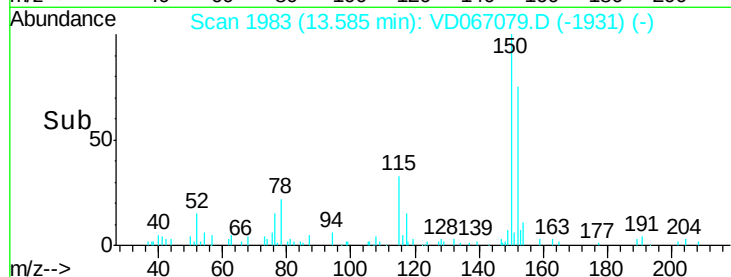
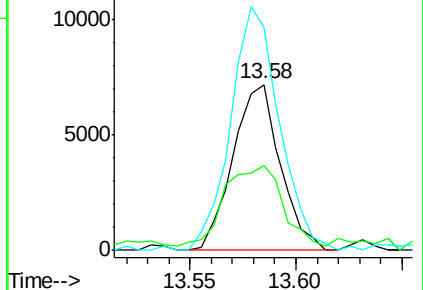
150 150.9 0.0 344.8



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



#74

N-ethyl acetate

Concen: 5.065 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Tgt Ion: 43 Resp: 692

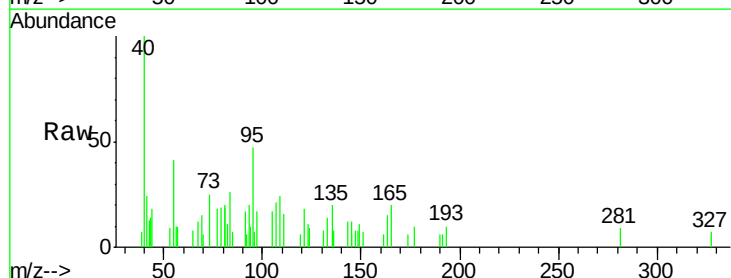
Ion Ratio Lower Upper

43 100

70 7.7 38.2 57.2#

55 107.1 22.4 33.6#

61 0.0 20.6 31.0#

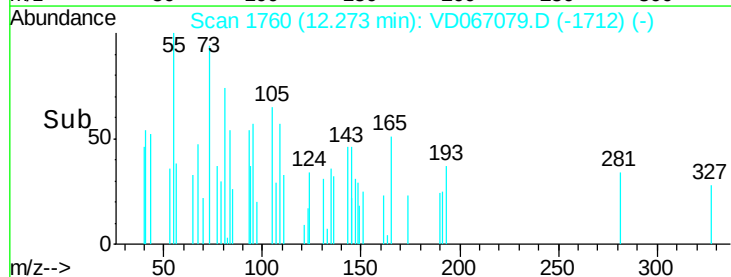
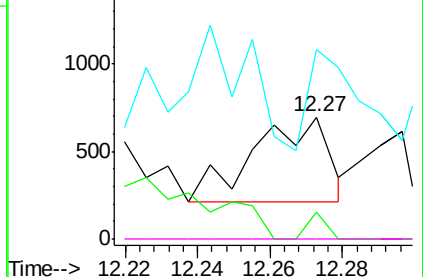


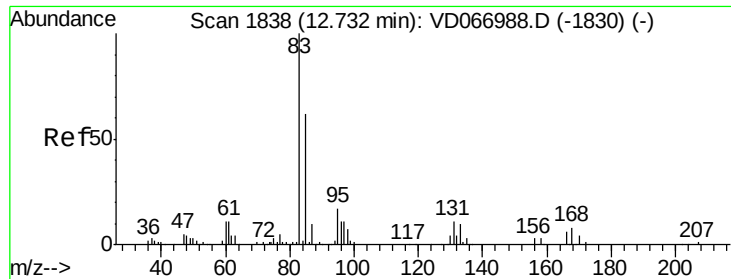
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 2.484 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :

MSVOA_D

ClientSampled :

2015

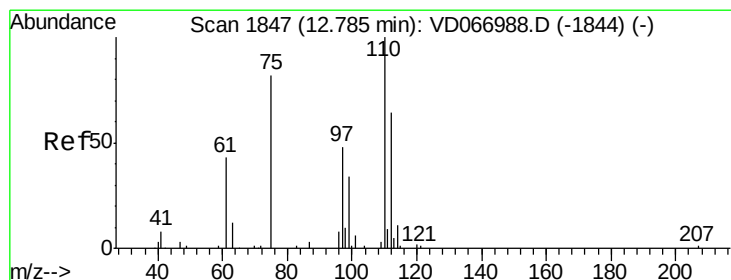
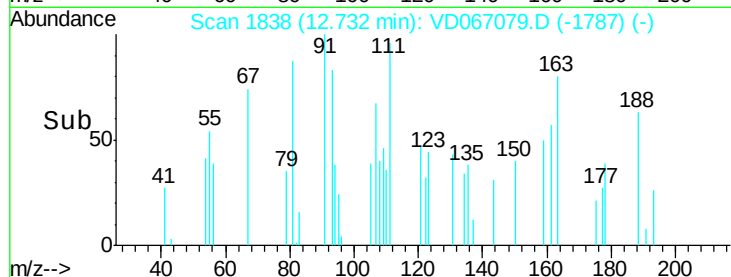
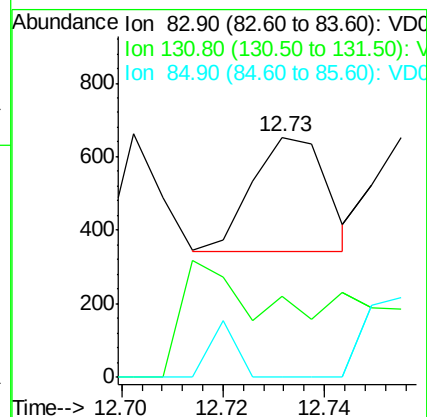
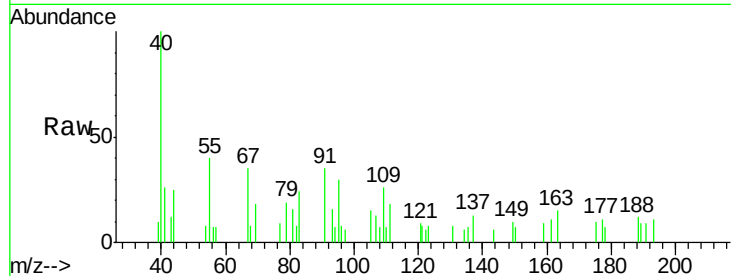
Tot Ion: 83 Resp: 318

Ion Ratio Lower Upper

83 100

131 124.2 5.7 17.0#

85 17.0 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 54.233 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD067079.D

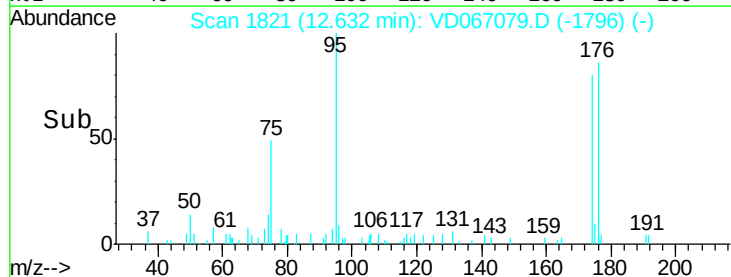
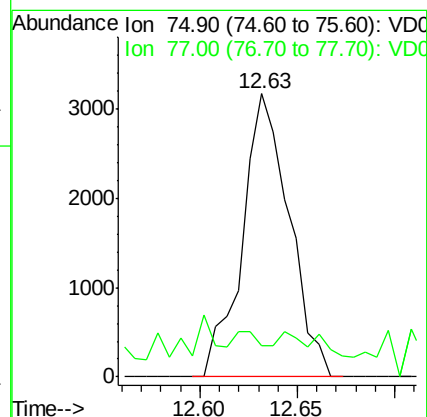
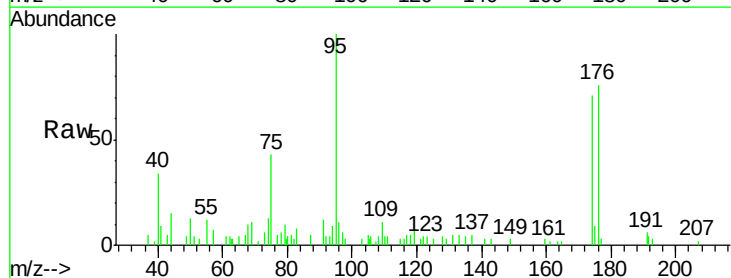
Acq: 05 Oct 2020 13:13

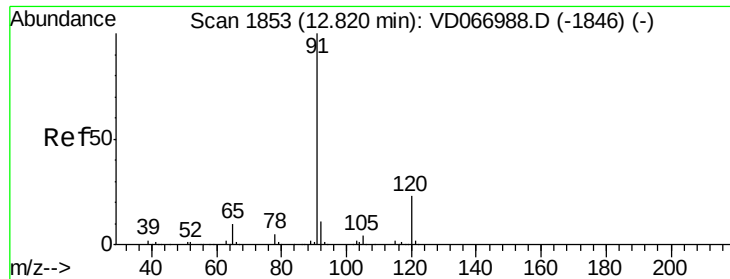
Tgt Ion: 75 Resp: 5287

Ion Ratio Lower Upper

75 100

77 6.7 0.0 0.0#

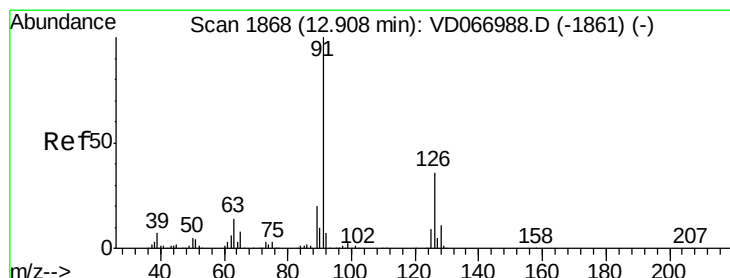
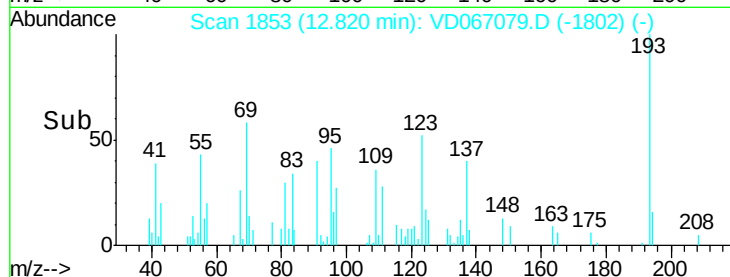
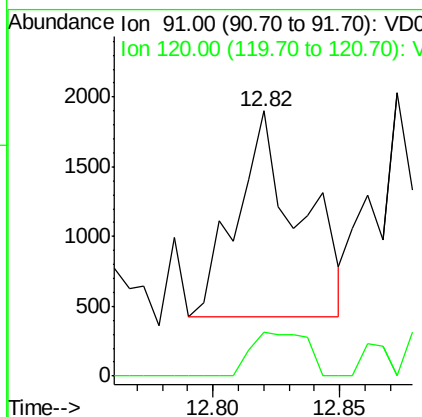
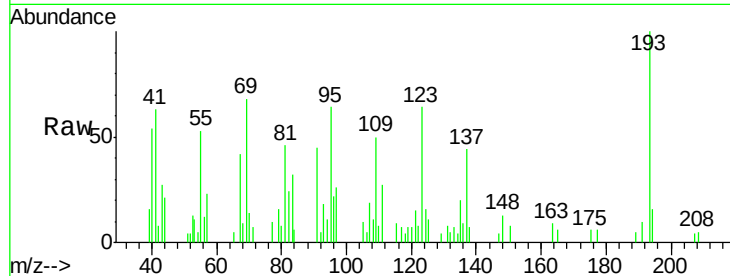




#78
n-propylbenzene
Concen: 2.827 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

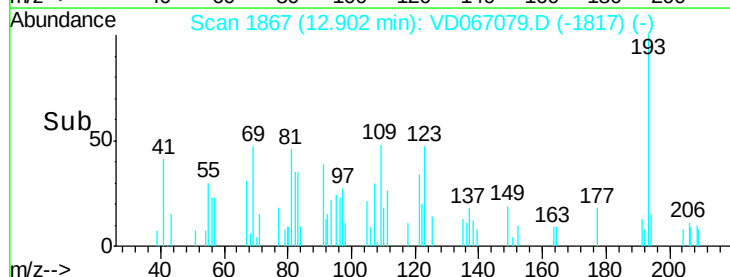
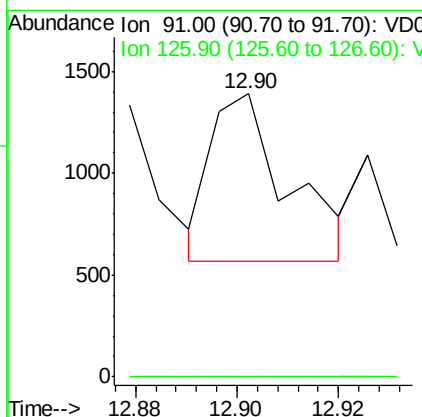
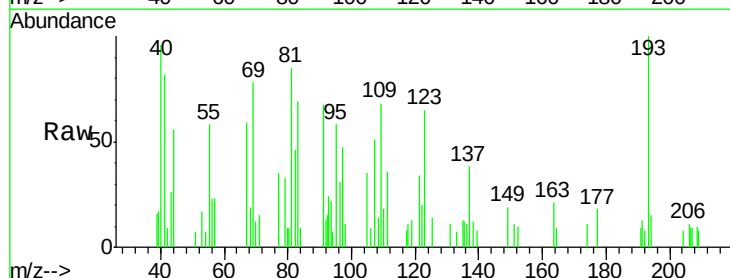
Instrument :
MSVOA_D
ClientSampled :
2015

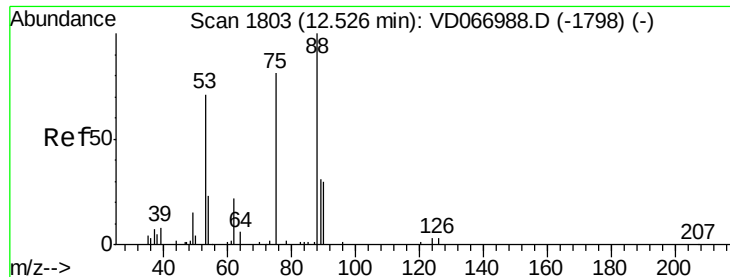
Tot Ion: 91 Resp: 2539
Ion Ratio Lower Upper
91 100
120 19.2 11.6 34.8



#79
2-Chlorotoluene
Concen: 1.687 ug/l
RT: 12.90 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion: 91 Resp: 867
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 135.211 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.11 min

Lab File: VD067079.D

Acq: 05 Oct 2020 13:13

Instrument :

MSVOA_D

ClientSampled :
2015

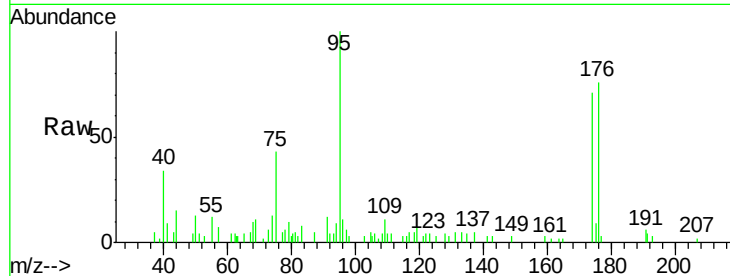
Tot Ion: 75 Resp: 5287

Ion Ratio Lower Upper

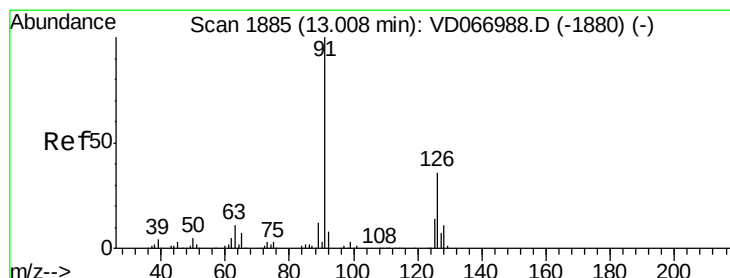
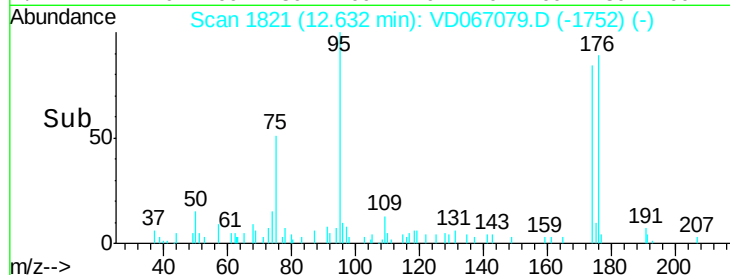
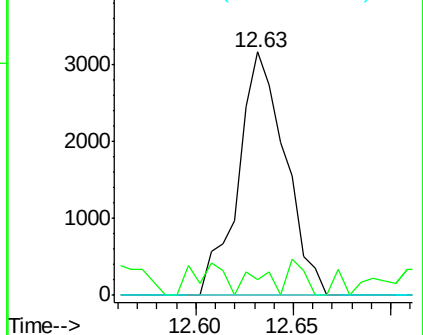
75 100

53 5.4 73.8 110.6#

89 0.0 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: 3.186 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD067079.D

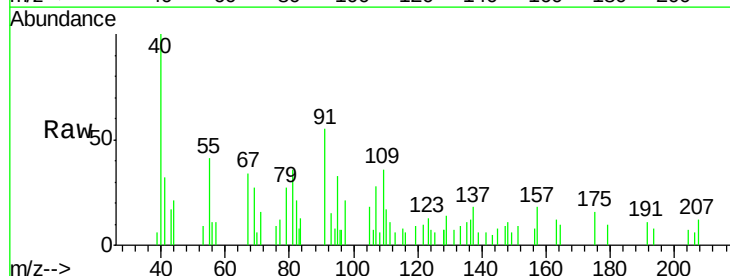
Acq: 05 Oct 2020 13:13

Tgt Ion: 91 Resp: 1742

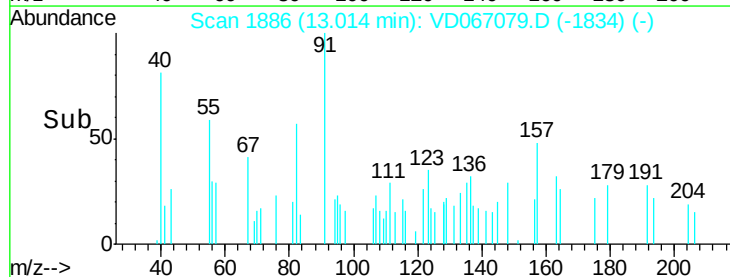
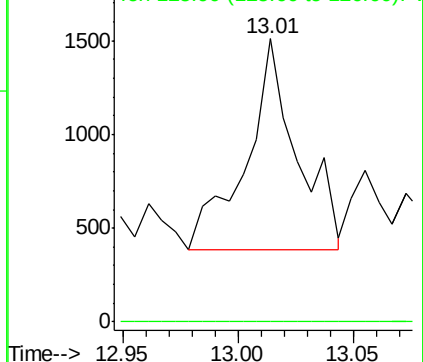
Ion Ratio Lower Upper

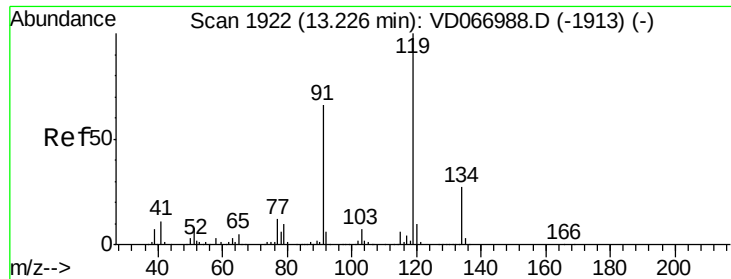
91 100

126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

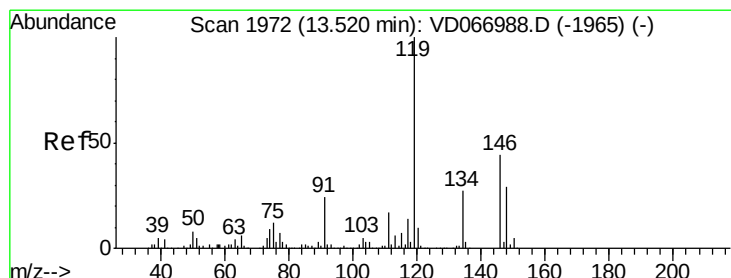
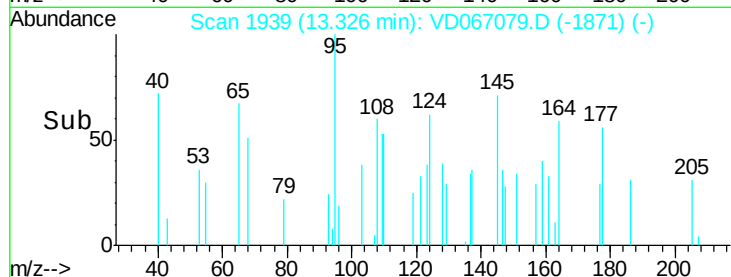
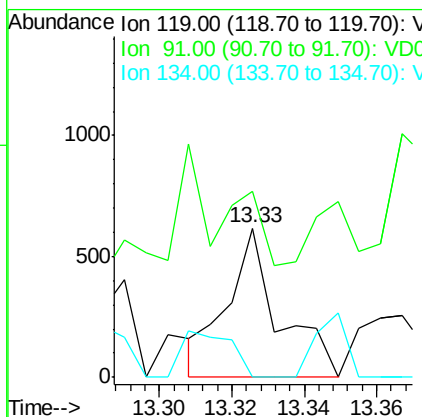
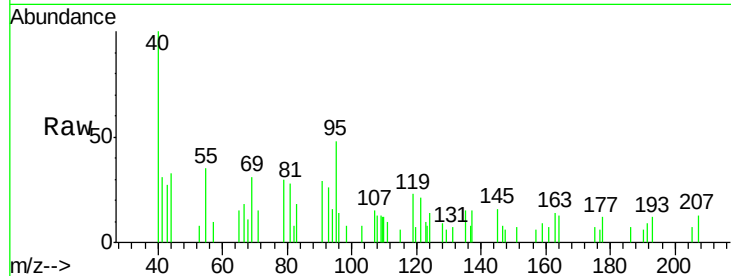




#83
 tert-Butylbenzene
 Concen: 1.143 ug/l
 RT: 13.33 min Scan# 1939
 Delta R.T. 0.10 min
 Lab File: VD067079.D
 Acq: 05 Oct 2020 13:13

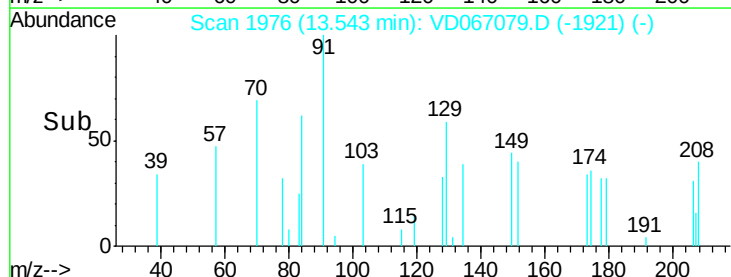
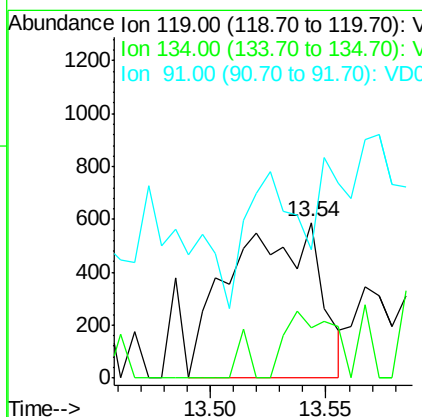
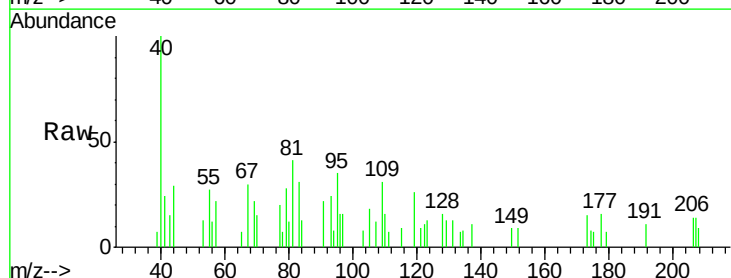
Instrument :
 MSVOA_D
 ClientSampled :
 2015

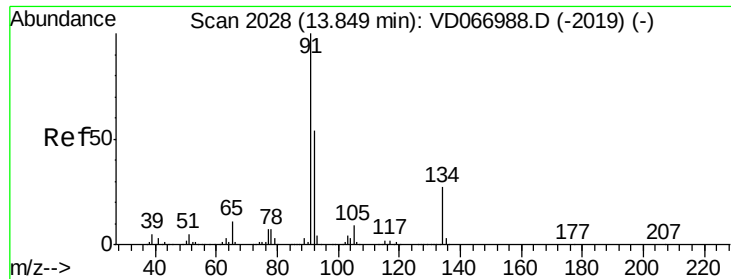
Tot Ion:119 Resp: 618
 Ion Ratio Lower Upper
 119 100
 91 66.8 32.8 98.3
 134 29.4 13.9 41.7



#86
 p-Isopropyltoluene
 Concen: 2.213 ug/l
 RT: 13.54 min Scan# 1976
 Delta R.T. 0.02 min
 Lab File: VD067079.D
 Acq: 05 Oct 2020 13:13

Tgt Ion:119 Resp: 1562
 Ion Ratio Lower Upper
 119 100
 134 22.9 13.1 39.1
 91 50.4 11.7 35.1#

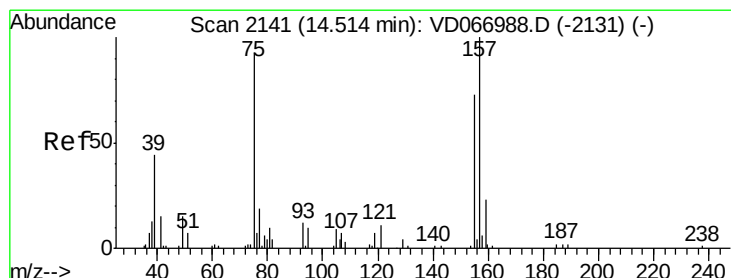
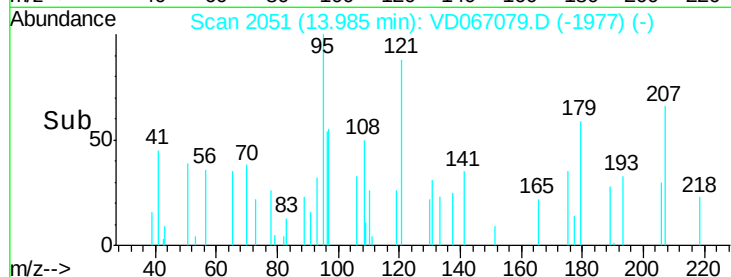
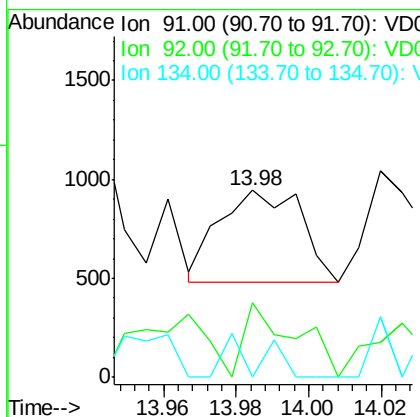
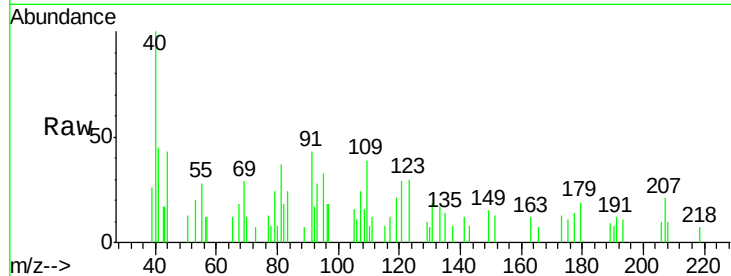




#89
n-Butylbenzene
Concen: 1.114 ug/l
RT: 13.98 min Scan# 2051
Delta R.T. 0.14 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

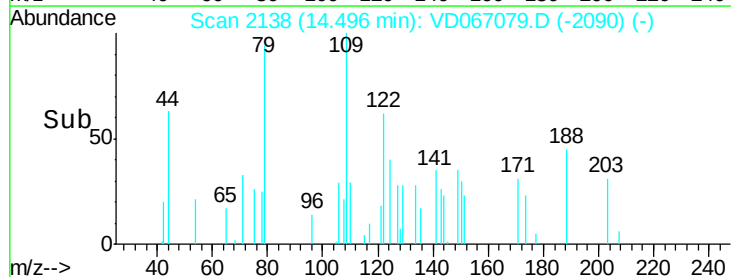
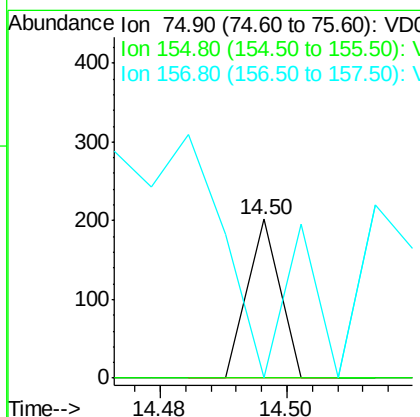
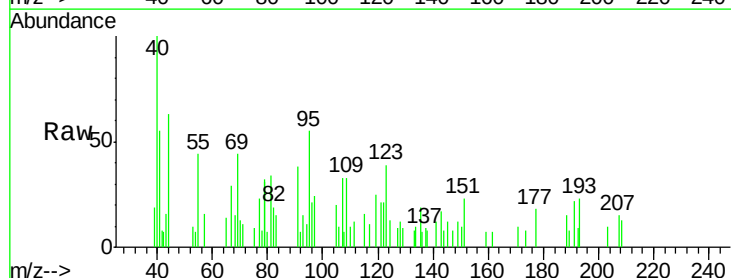
Instrument :
MSVOA_D
ClientSampled :
2015

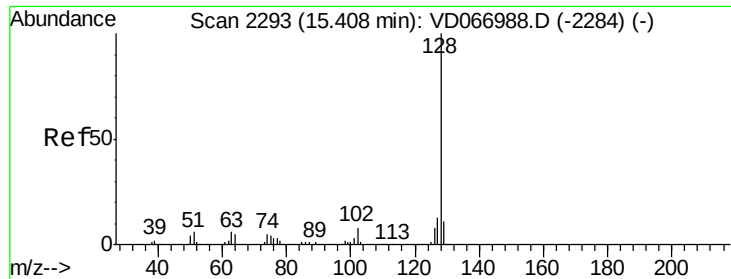
Tot Ion: 91 Resp: 719
Ion Ratio Lower Upper
91 100
92 51.3 27.1 81.2
134 20.2 13.6 40.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.440 ug/l
RT: 14.50 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VD067079.D
Acq: 05 Oct 2020 13:13

Tgt Ion: 75 Resp: 71
Ion Ratio Lower Upper
75 100
155 0.0 45.2 135.6#
157 846.5 56.3 168.8#





#95
 Naphthalene
 Concen: 3.878 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VD067079.D
 Acq: 05 Oct 2020 13:13

Instrument :
 MSVOA_D
 ClientSampleId :
 2015

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	30.9	8.6	13.0

