

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067055.D
 Acq On : 03 Oct 2020 01:32
 Operator : VA/SY
 Sample : L4247-01
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)

Quant Time: Oct 03 06:50:00 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	447417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	751550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	704917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	222126	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	7.91	113	238207	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.34	98	934640	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.63	95	311142	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.98	85	3703	Below Cal		83
5) Bromomethane	2.79	94	1072	Below Cal		87
11) Tert butyl alcohol	5.21	59	252	Below Cal	#	72
16) Acetone	4.17	43	6289	9.560	ug/l #	75
20) Methylene Chloride	4.96	84	16466	Below Cal	#	91
25) 2-Butanone	7.20	43	2849	3.055	ug/l #	46
26) 2,2-Dichloropropane	7.20	77	5014	Below Cal		78
31) Cyclohexane	7.98	56	19828	3.064	ug/l #	60
39) Methylcyclohexane	9.36	83	102880	13.891	ug/l	94
48) Methyl methacrylate	9.53	41	4973	2.171	ug/l #	9
51) 4-Methyl-2-Pentanone	10.34	43	17130	7.692	ug/l	96
52) Toluene	10.40	92	15148	1.209	ug/l	92
55) 1,1,2-Trichloroethane	10.77	97	92692	25.373	ug/l #	24
56) Ethyl methacrylate	10.68	69	25093	6.653	ug/l #	1
59) 2-Hexanone	10.95	43	86281	58.051	ug/l #	29
67) Ethyl Benzene	11.74	91	32776	1.364	ug/l	97
68) m/p-Xylenes	11.85	106	64943	6.937	ug/l	92
69) o-Xylene	12.18	106	69861	8.345	ug/l	87
73) Isopropylbenzene	12.48	105	24684	1.273	ug/l	97
74) N-amyl acetate	12.27	43	191108	54.817	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.67	83	4634	1.418	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	147027	59.100	ug/l #	100
78) n-propylbenzene	12.82	91	30552	1.333	ug/l #	52
79) 2-Chlorotoluene	12.92	91	49490	3.774	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.96	105	587929	35.882	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.63	75	147027	147.343	ug/l #	14
82) 4-Chlorotoluene	13.27	91	21232	1.522	ug/l	93
83) tert-Butylbenzene	13.23	119	15141	1.097	ug/l	93
84) 1,2,4-Trimethylbenzene	13.27	105	241007	14.739	ug/l	99
85) sec-Butylbenzene	13.40	105	79818	4.108	ug/l	91
86) p-Isopropyltoluene	13.52	119	153135	8.501	ug/l	98
89) n-Butylbenzene	13.81	91	203050	12.333	ug/l #	1
90) Hexachloroethane	14.12	117	74802	23.705	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.53	75	2377	4.513	ug/l #	43

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

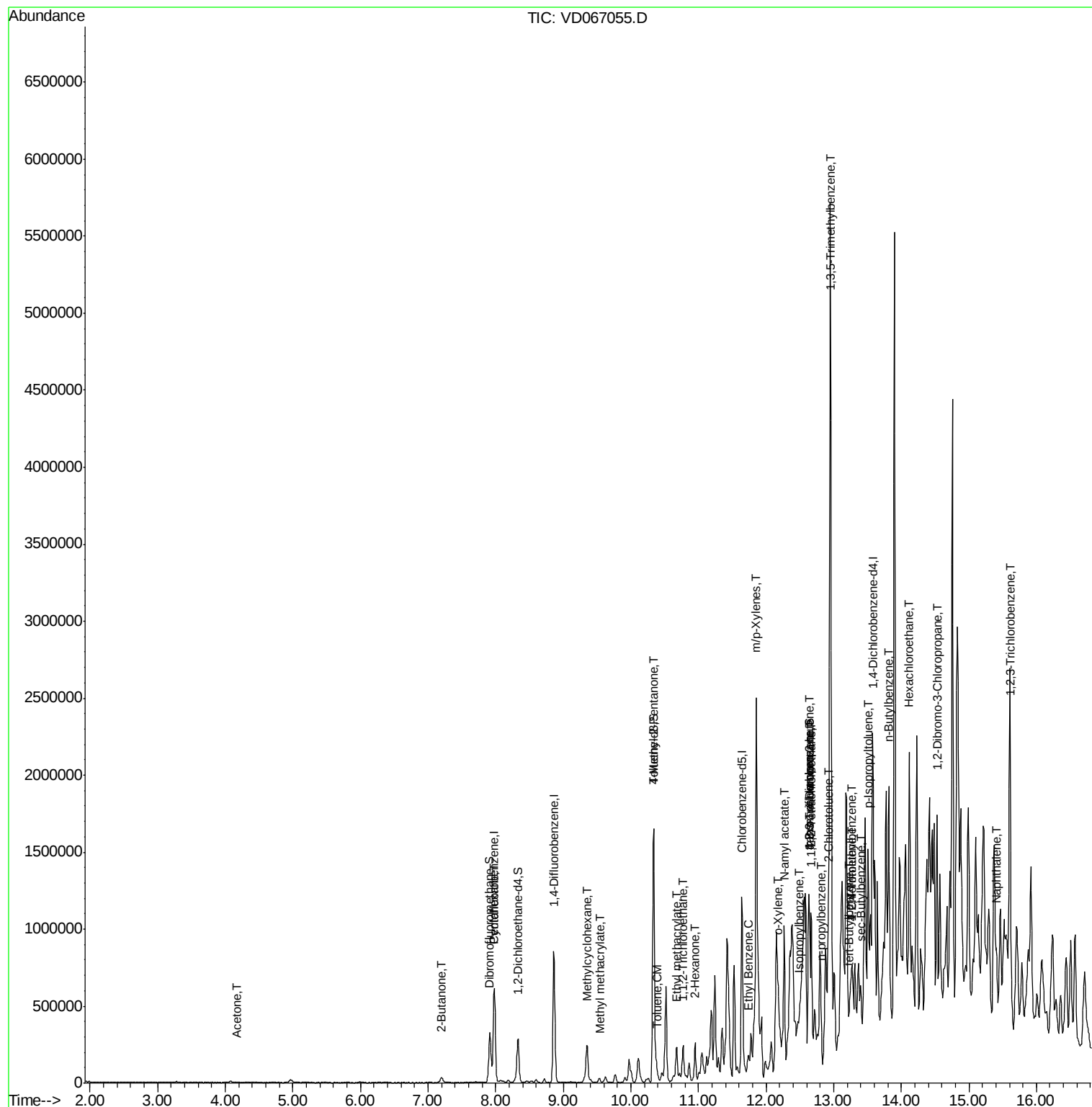
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.41	128	283246	32.957	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.62	180	4652	1.040	ug/l #	37

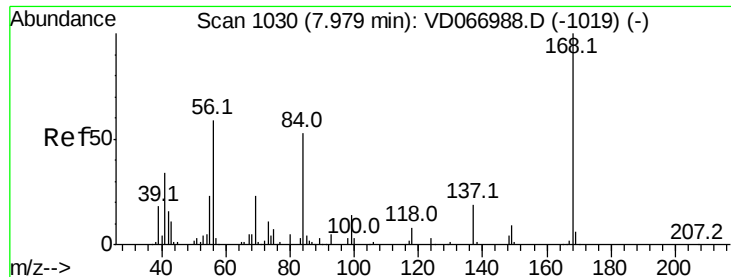
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

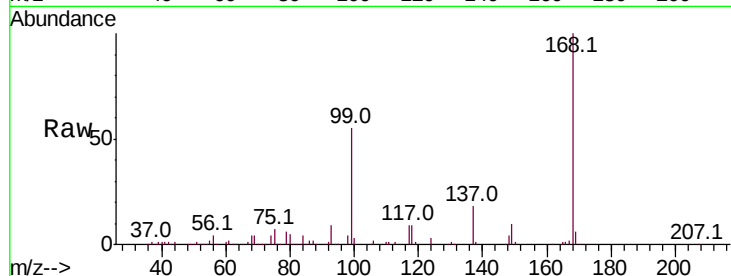
B-18(0-1)

Tot Ion:168 Resp: 447417

Ion Ratio Lower Upper

168 100

99 54.7 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

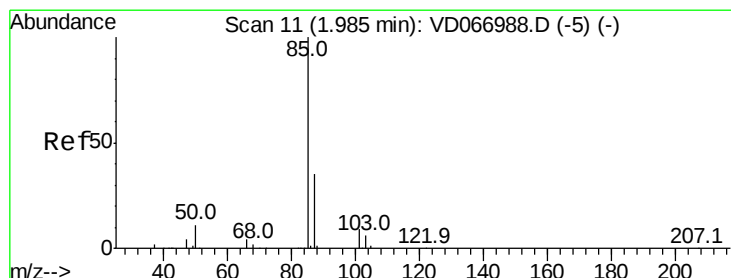
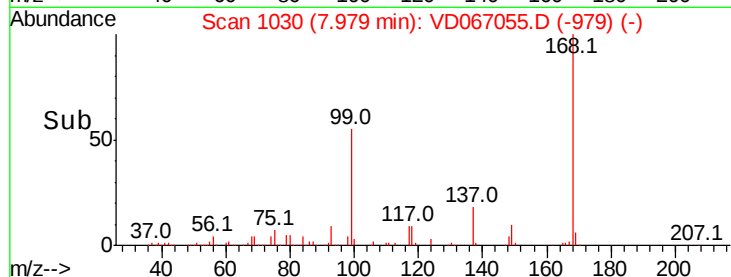
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD067055.D

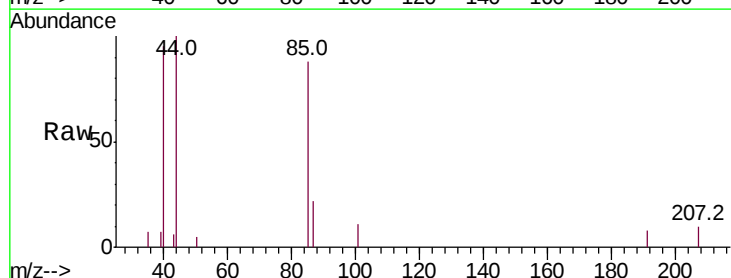
Acq: 03 Oct 2020 01:32

Tgt Ion: 85 Resp: 3703

Ion Ratio Lower Upper

85 100

87 24.9 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

2500

2000

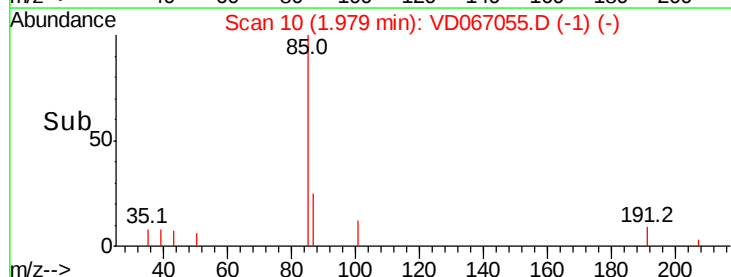
1500

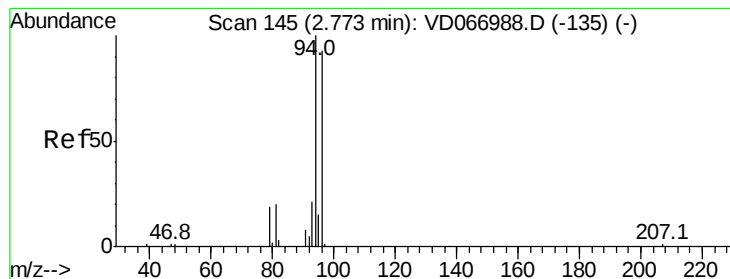
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

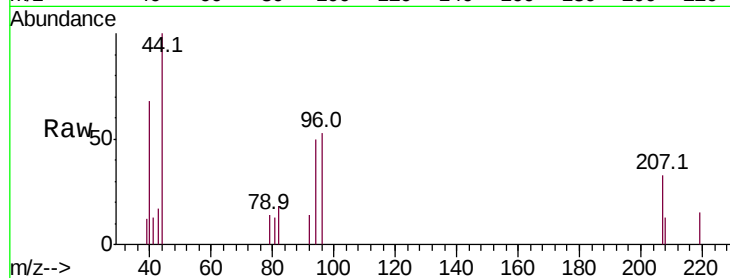
B-18(0-1)

Tot Ion: 94 Resp: 1072

Ion Ratio Lower Upper

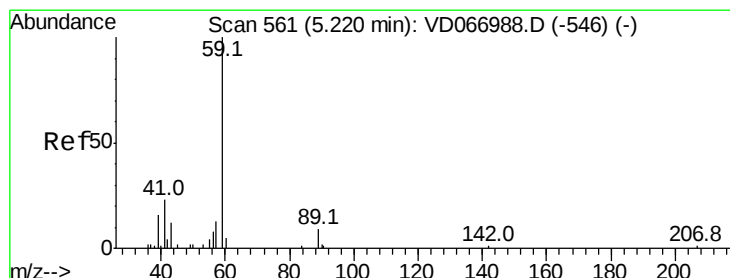
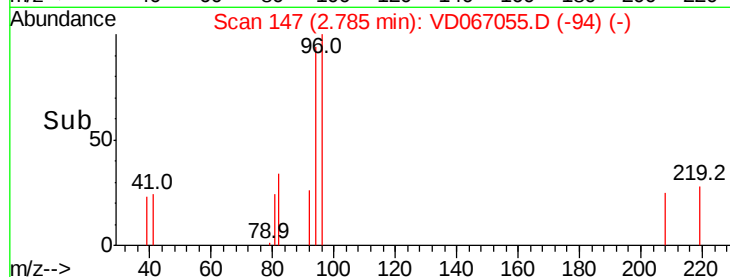
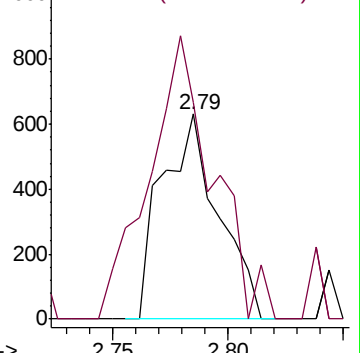
94 100

96 105.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067055.D

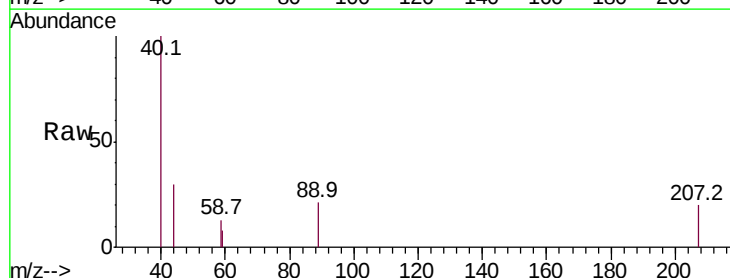
Acq: 03 Oct 2020 01:32

Tgt Ion: 59 Resp: 252

Ion Ratio Lower Upper

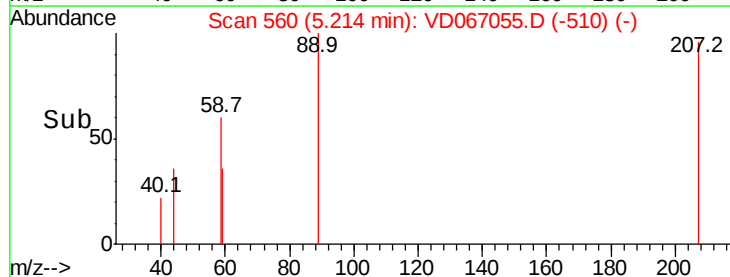
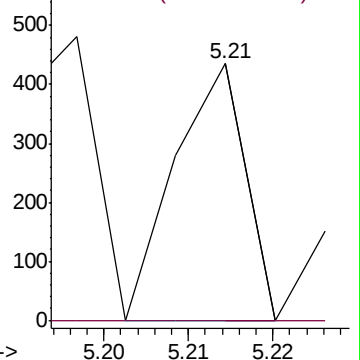
59 100

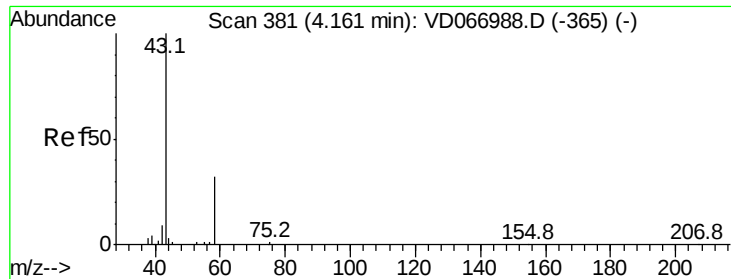
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 9.560 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampled :

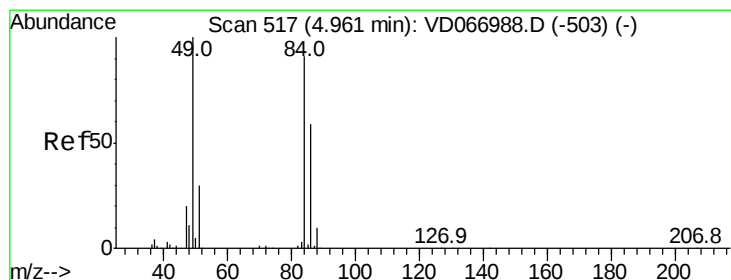
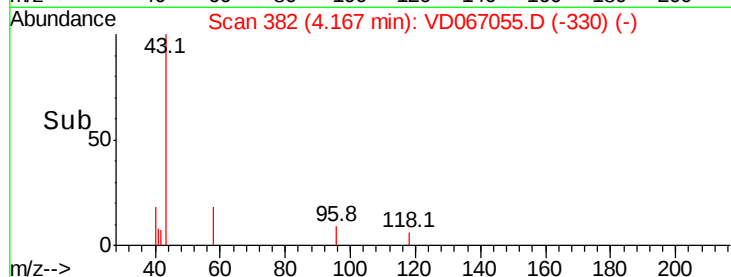
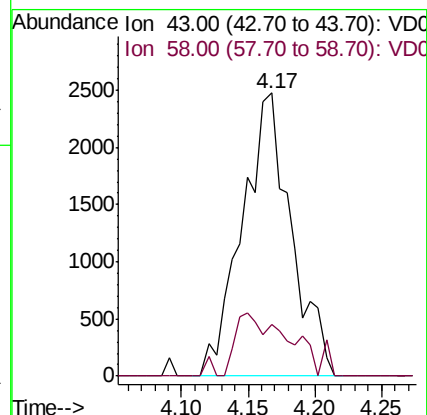
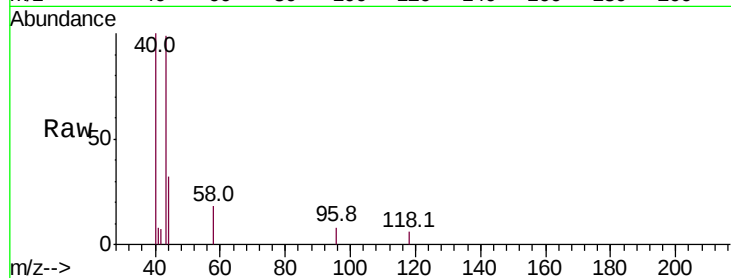
B-18(0-1)

Tot Ion: 43 Resp: 6289

Ion Ratio Lower Upper

43 100

58 18.1 25.9 38.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Tgt Ion: 84 Resp: 16466

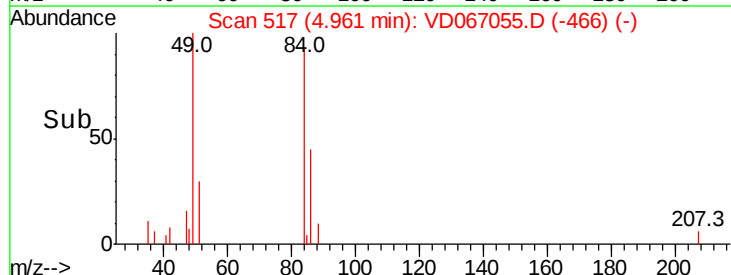
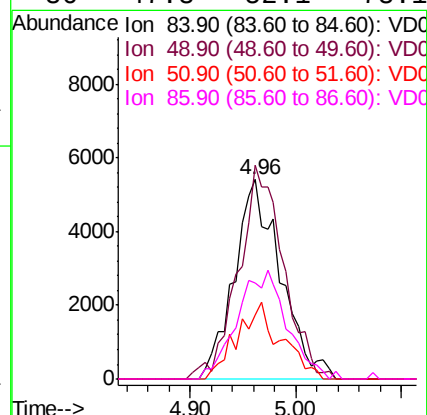
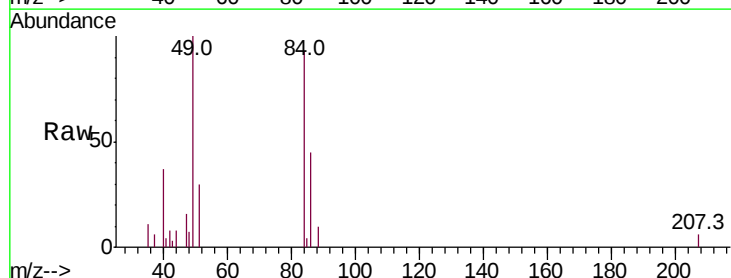
Ion Ratio Lower Upper

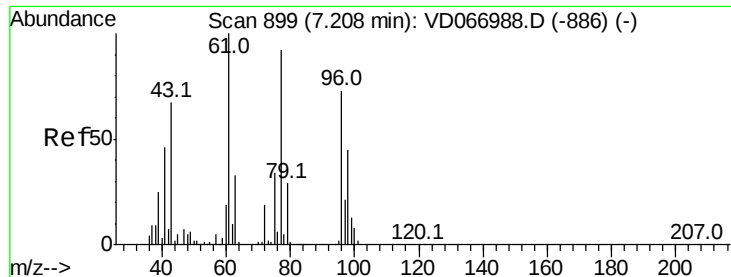
84 100

49 107.0 88.2 132.2

51 32.3 26.6 39.8

86 47.8 52.1 78.1#





#25

2-Butanone

Concen: 3.055 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

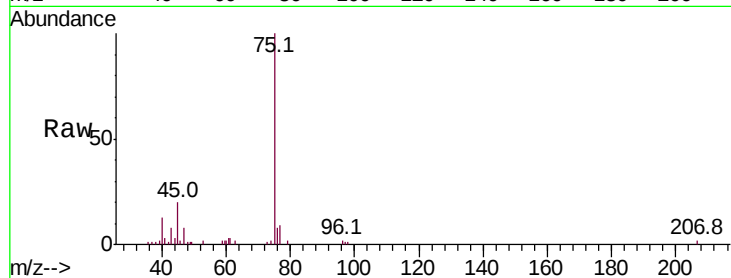
B-18(0-1)

Tot Ion: 43 Resp: 2849

Ion Ratio Lower Upper

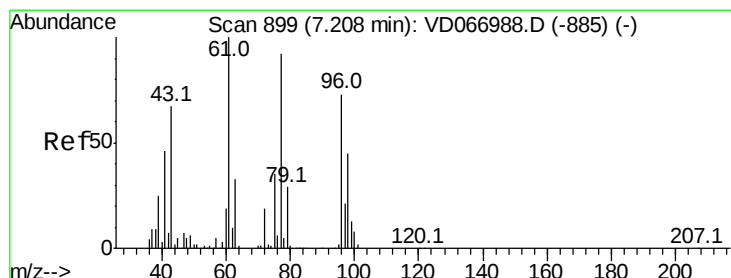
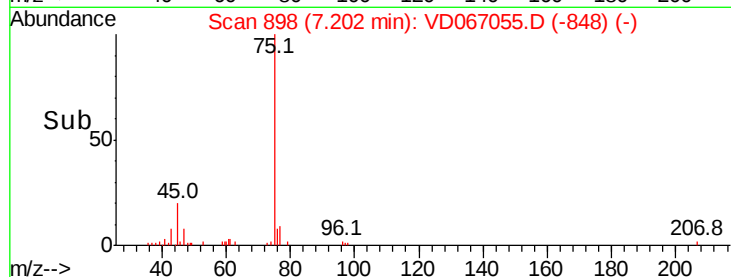
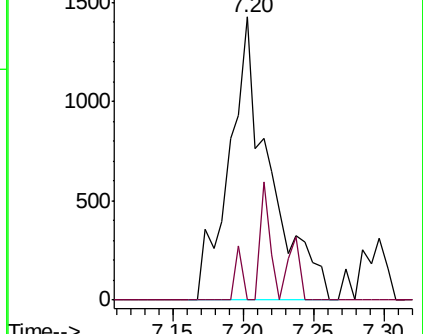
43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067055.D

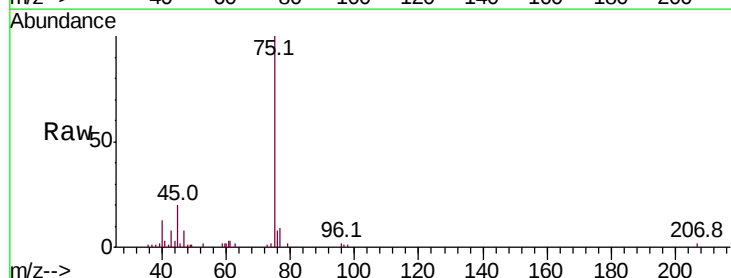
Acq: 03 Oct 2020 01:32

Tgt Ion: 77 Resp: 5014

Ion Ratio Lower Upper

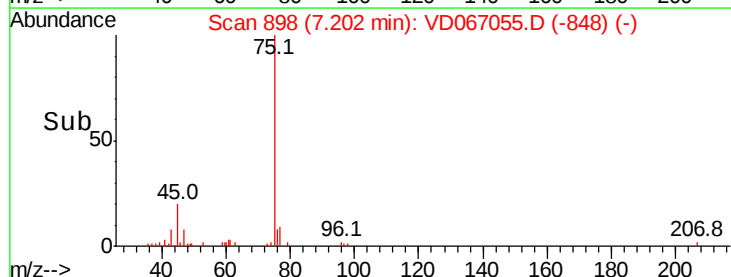
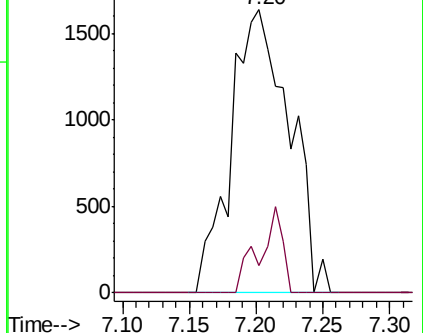
77 100

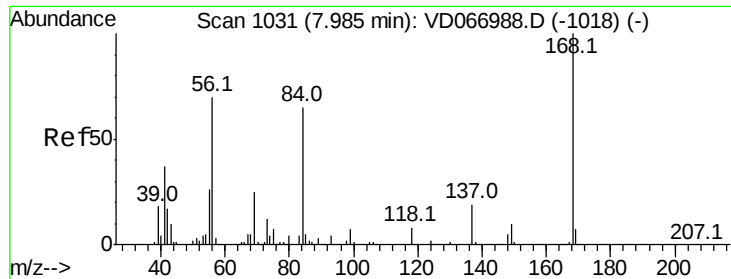
97 12.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

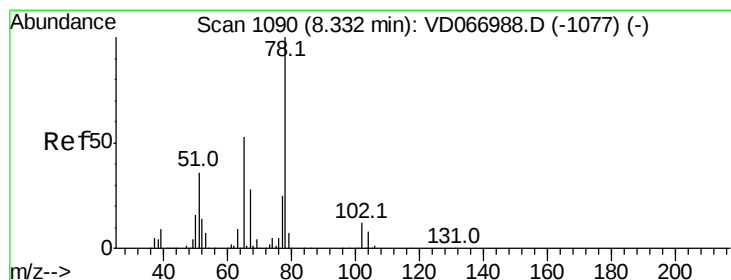
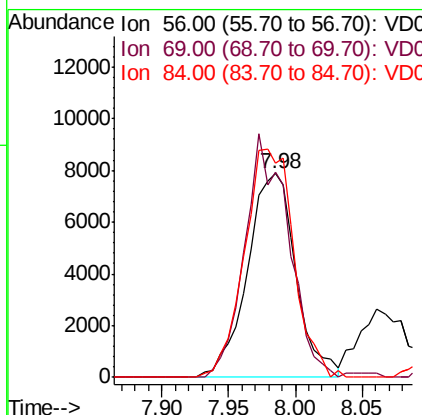
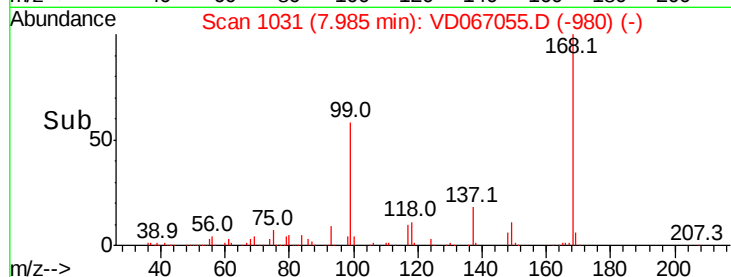
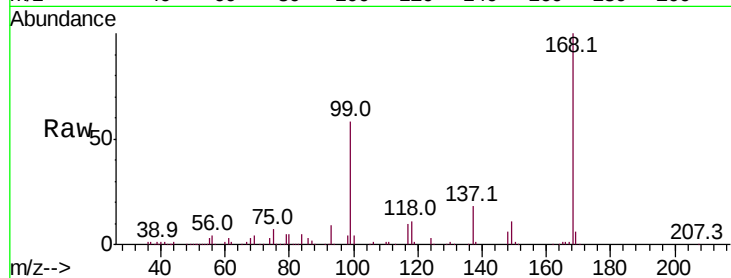




#31
Cyclohexane
Concen: 3.064 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

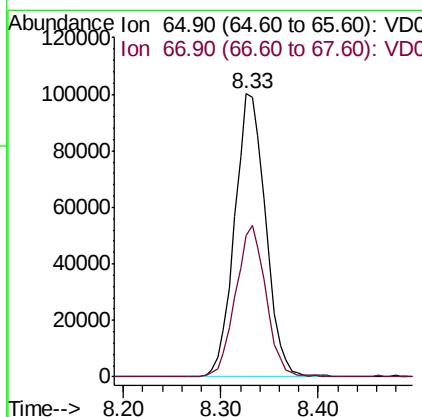
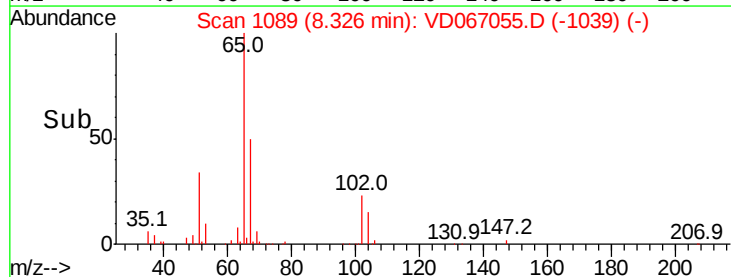
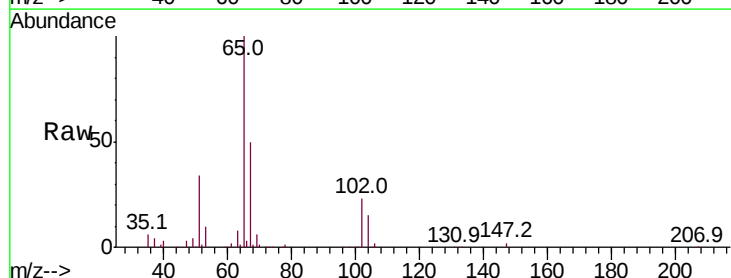
Instrument :
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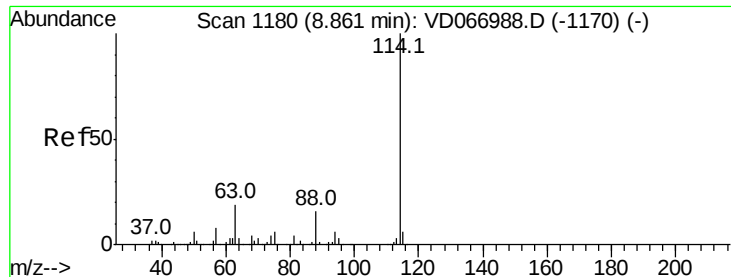
Tot Ion: 56 Resp: 19828
Ion Ratio Lower Upper
56 100
69 100.9 29.0 43.6#
84 105.3 74.2 111.2



#33
1,2-Dichloroethane-d4
Concen: 51.543 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Tgt Ion: 65 Resp: 222126
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8

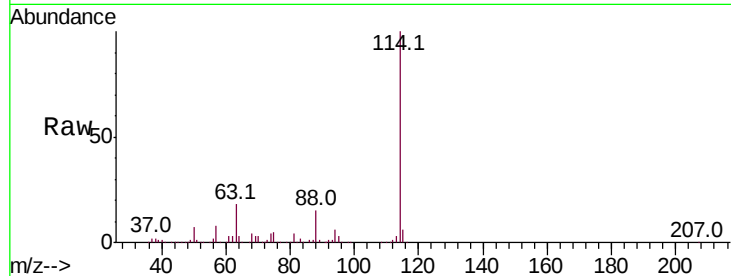




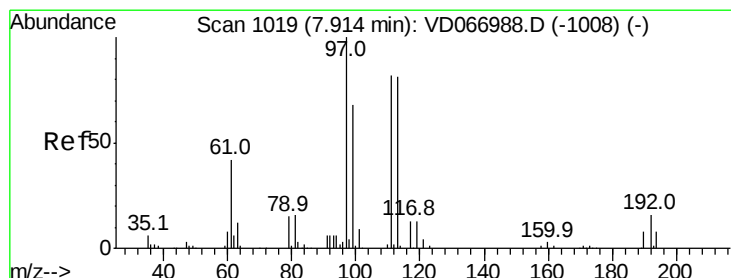
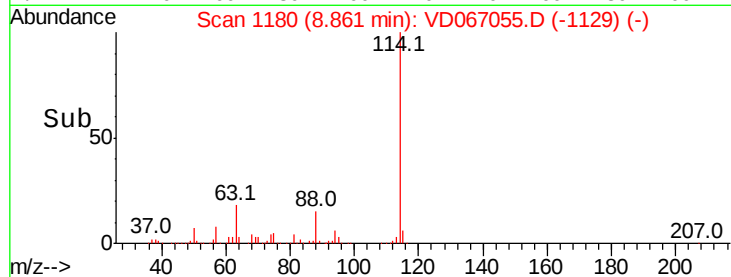
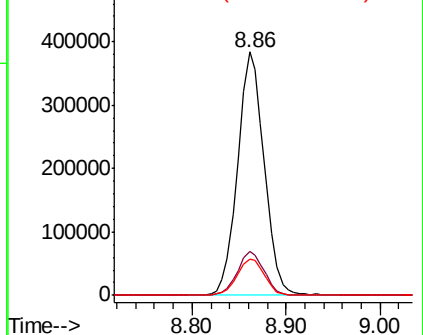
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067055.D
 Acq: 03 Oct 2020 01:32

Instrument :
 MSVOA_D
 ClientSampled :
 B-18(0-1)

Tot Ion:114 Resp: 751550
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.4
 88 15.1 0.0 31.2

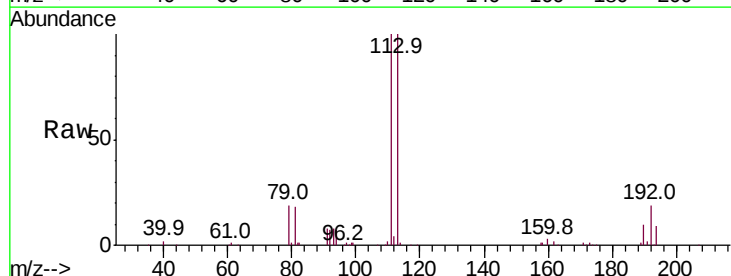


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

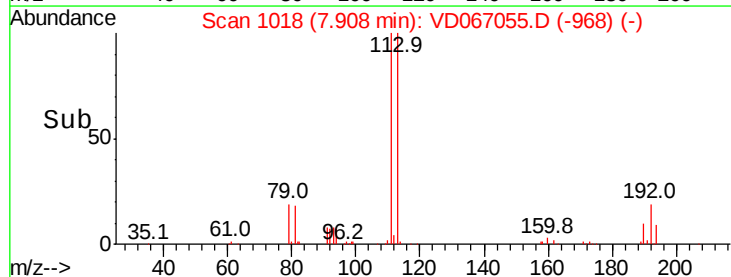
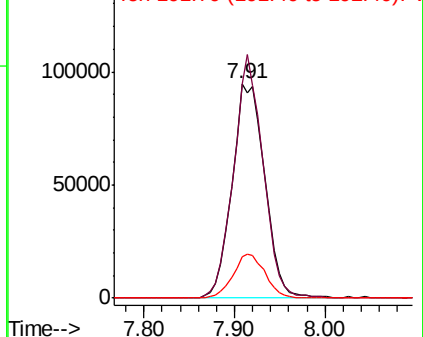


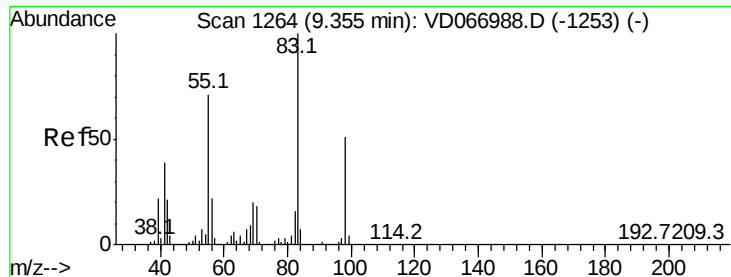
#35
 Dibromofluoromethane
 Concen: 48.414 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD067055.D
 Acq: 03 Oct 2020 01:32

Tgt Ion:113 Resp: 238207
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 19.8 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

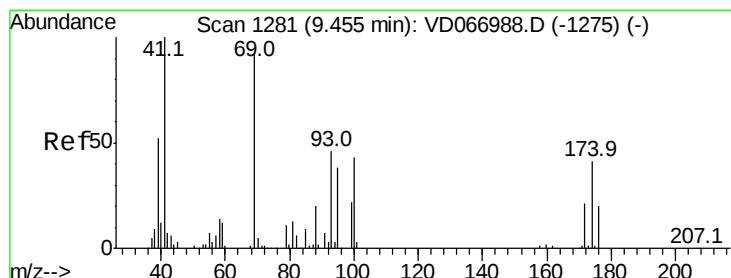
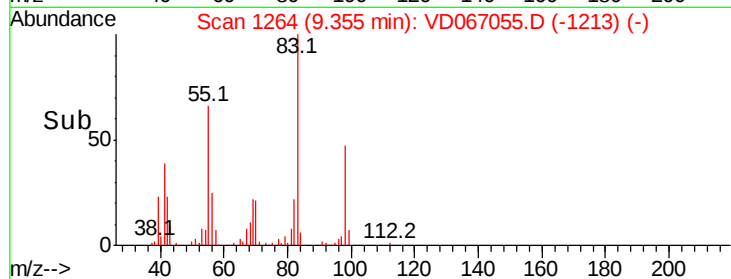
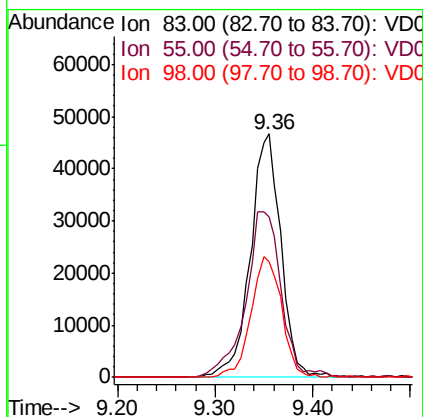
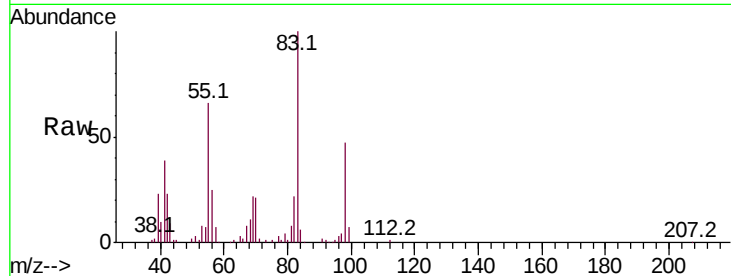




#39
Methylcyclohexane
Concen: 13.891 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

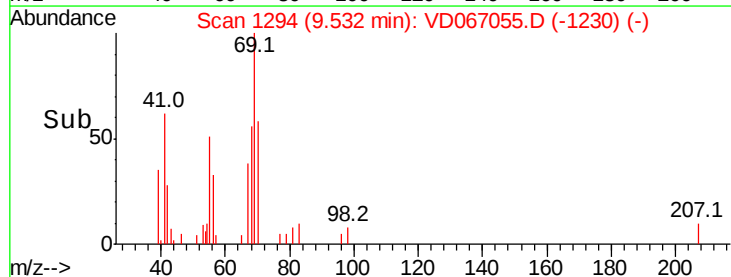
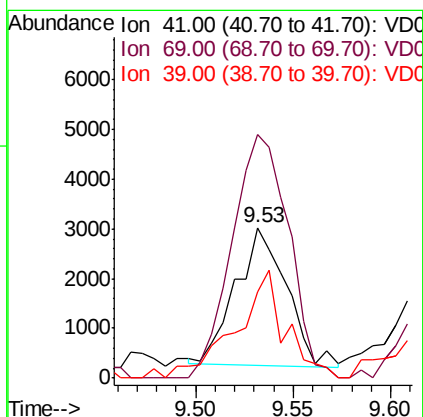
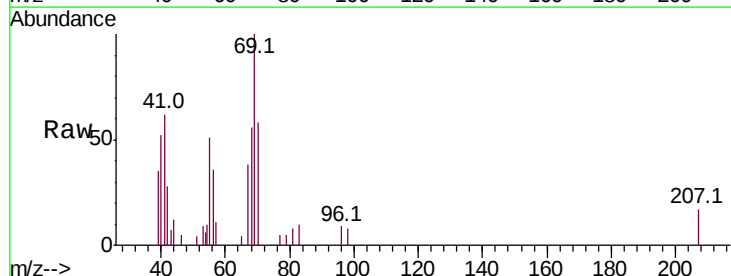
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)

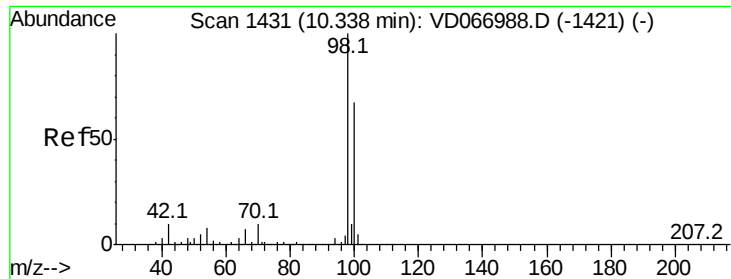
Tot Ion: 83 Resp: 102880
Ion Ratio Lower Upper
83 100
55 66.0 57.1 85.7
98 47.5 40.9 61.3



#48
Methyl methacrylate
Concen: 2.171 ug/l
RT: 9.53 min Scan# 1294
Delta R.T. 0.08 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Tgt Ion: 41 Resp: 4973
Ion Ratio Lower Upper
41 100
69 197.4 68.5 102.7#
39 77.4 40.2 60.2#

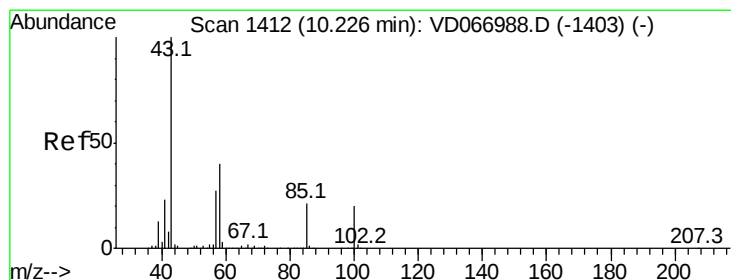
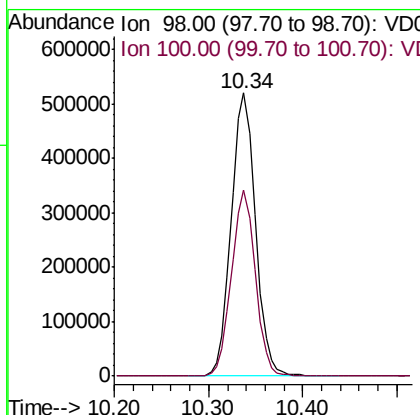
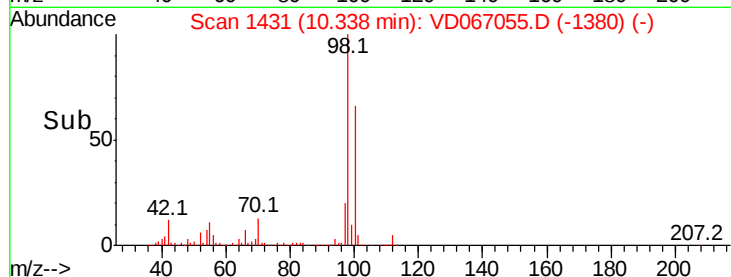
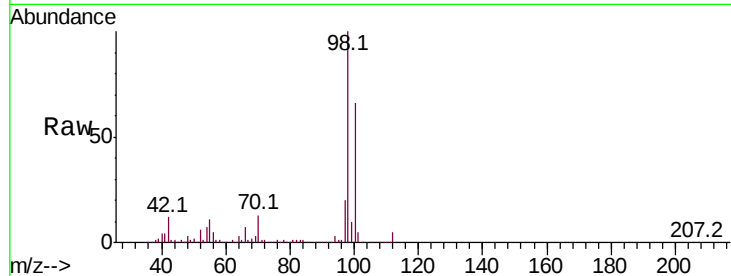




#50
Toluene-d8
Concen: 52.131 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

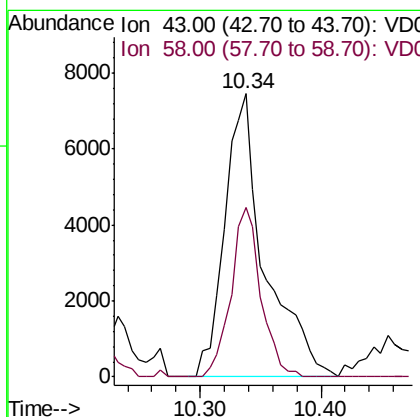
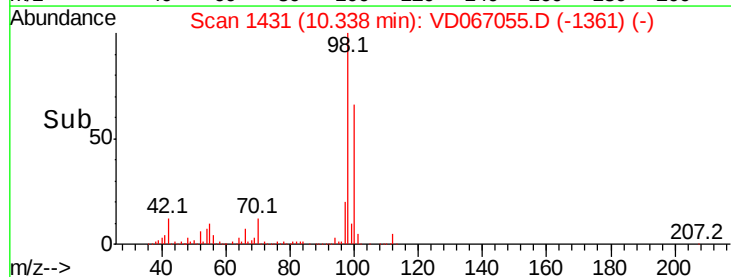
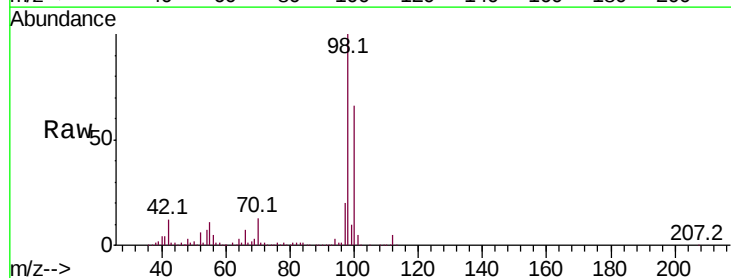
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)

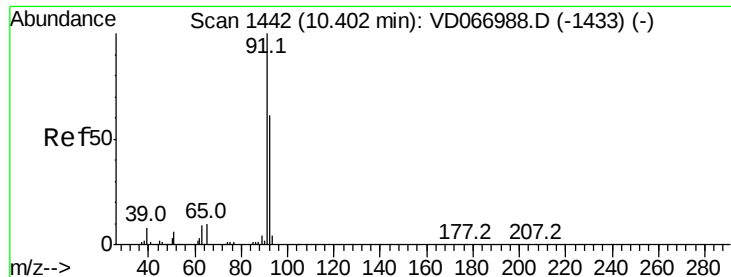
Tot Ion: 98 Resp: 934640
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 7.692 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Tgt Ion: 43 Resp: 17130
Ion Ratio Lower Upper
43 100
58 44.9 33.8 50.8





#52

Toluene

Concen: 1.209 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

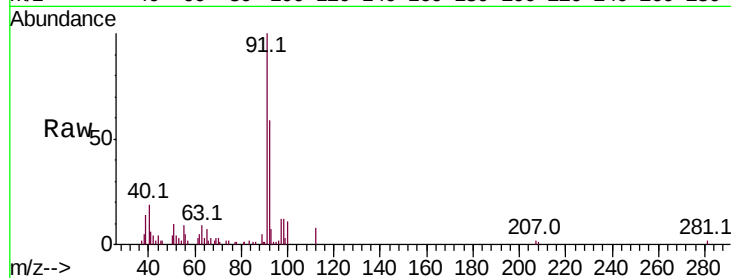
B-18(0-1)

Tot Ion: 92 Resp: 15148

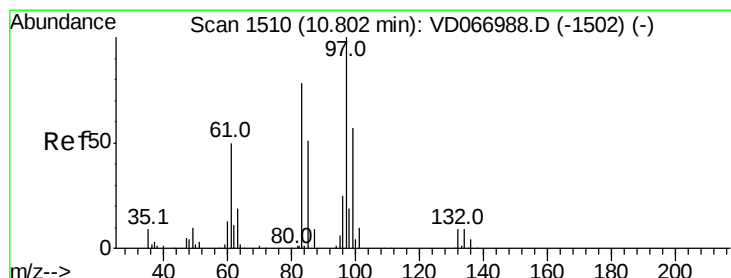
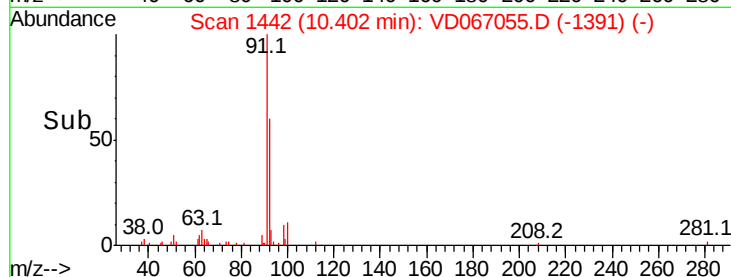
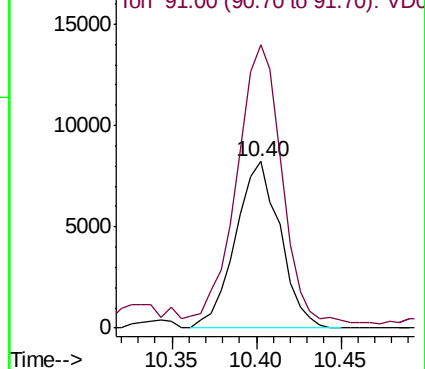
Ion Ratio Lower Upper

92 100

91 179.7 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC



#55

1,1,2-Trichloroethane

Concen: 25.373 ug/l

RT: 10.77 min Scan# 1505

Delta R.T. -0.03 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Tgt Ion: 97 Resp: 92692

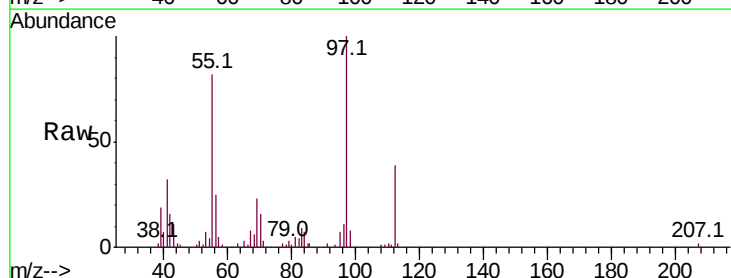
Ion Ratio Lower Upper

97 100

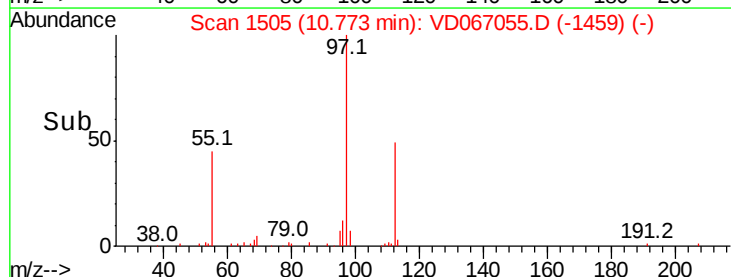
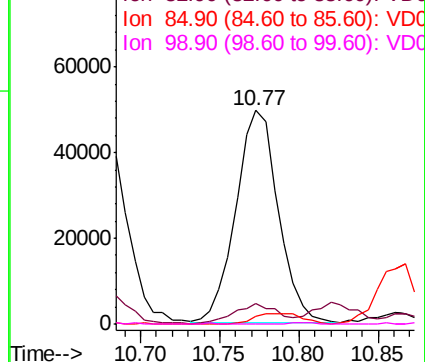
83 9.4 62.4 93.6#

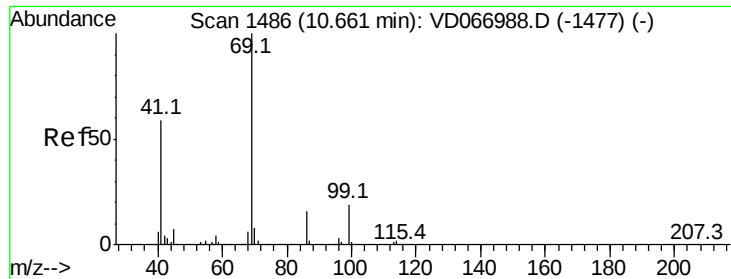
85 3.4 41.0 61.4#

99 0.0 45.9 68.9#



Abundance Ion 96.90 (96.60 to 97.60): VDC





#56

Ethyl methacrylate

Concen: 6.653 ug/l

RT: 10.68 min Scan# 1489

Delta R.T. 0.02 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampled :

B-18(0-1)

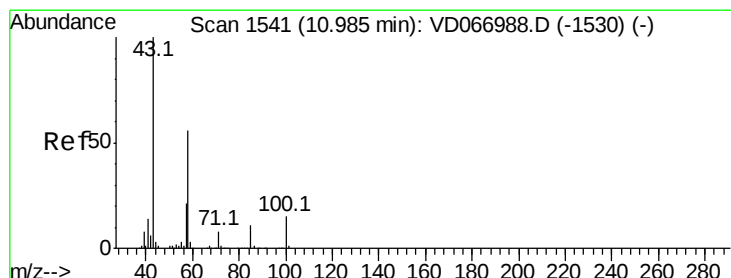
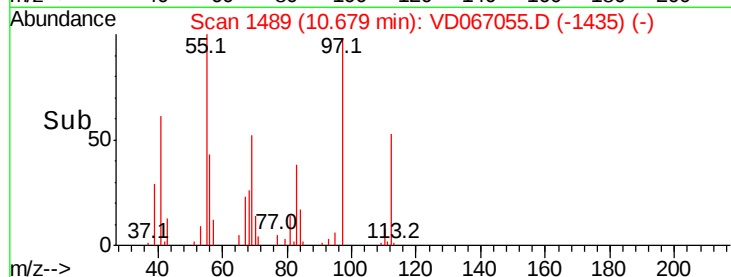
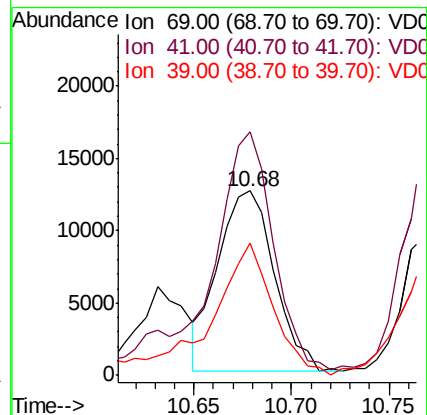
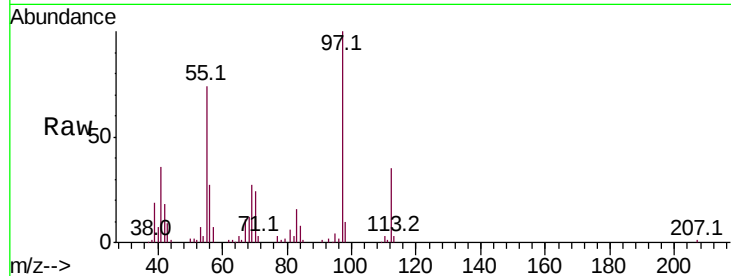
Tot Ion: 69 Resp: 25093

Ion Ratio Lower Upper

69 100

41 146.9 46.4 69.6#

39 85.4 23.8 35.6#



#59

2-Hexanone

Concen: 58.051 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.04 min

Lab File: VD067055.D

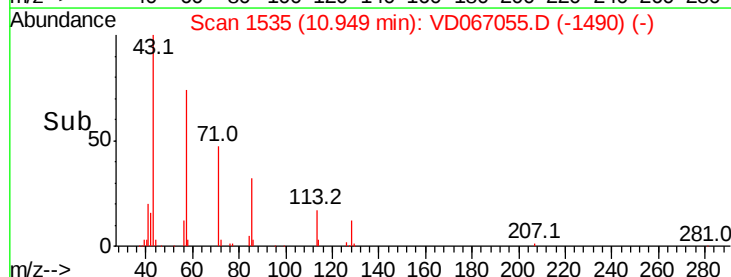
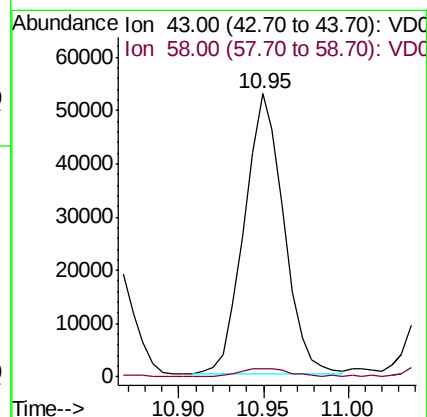
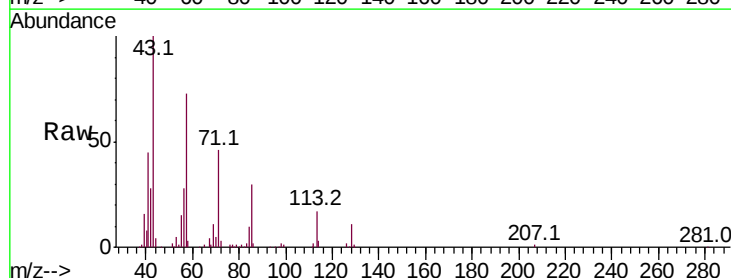
Acq: 03 Oct 2020 01:32

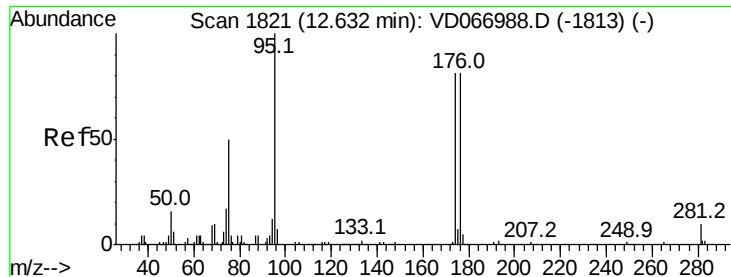
Tgt Ion: 43 Resp: 86281

Ion Ratio Lower Upper

43 100

58 4.2 28.3 84.9#

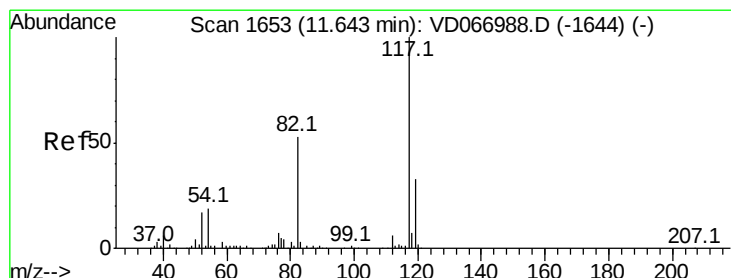
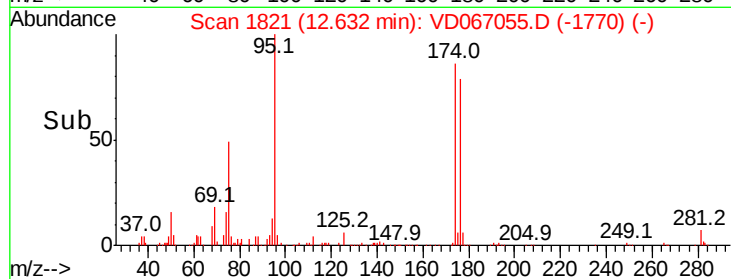
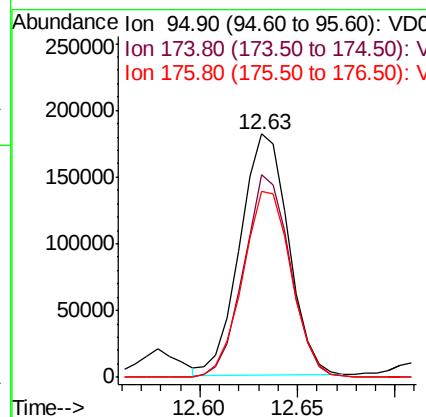
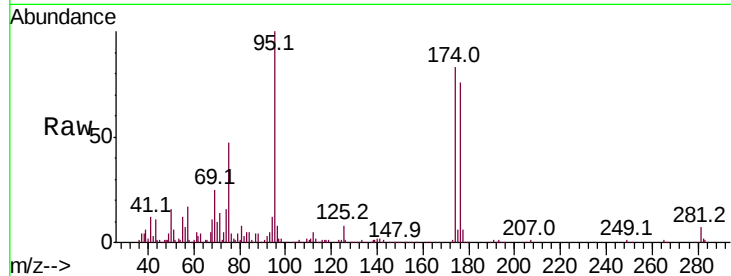




#62
4-Bromofluorobenzene
Concen: 51.121 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

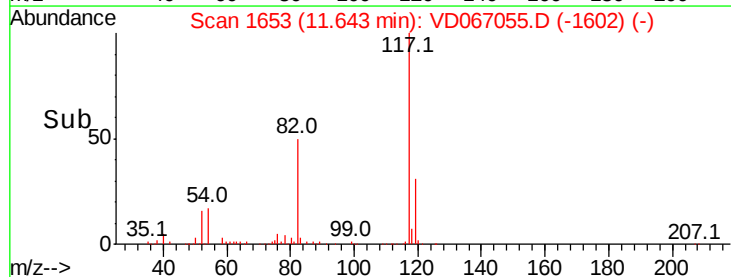
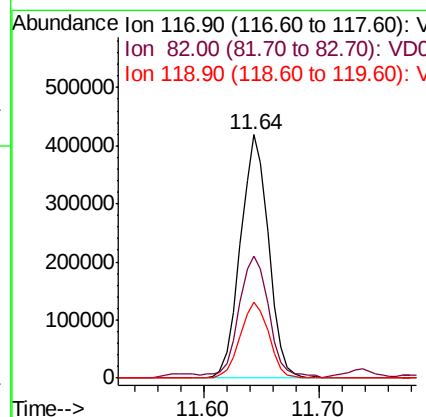
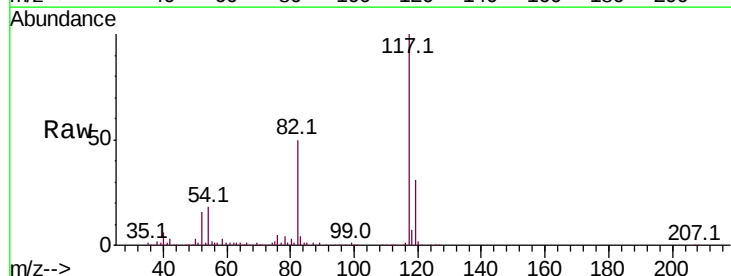
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)

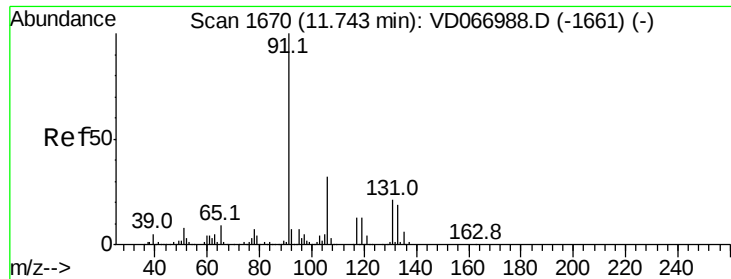
Tot Ion: 95 Resp: 311142
Ion Ratio Lower Upper
95 100
174 80.3 0.0 167.6
176 77.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Tgt Ion: 117 Resp: 704917
Ion Ratio Lower Upper
117 100
82 48.9 42.6 63.8
119 31.2 26.3 39.5





#67

Ethyl Benzene

Concen: 1.364 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

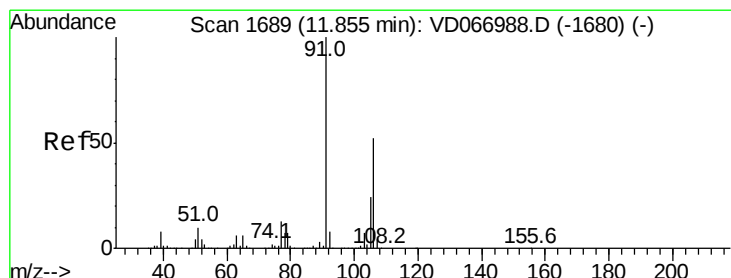
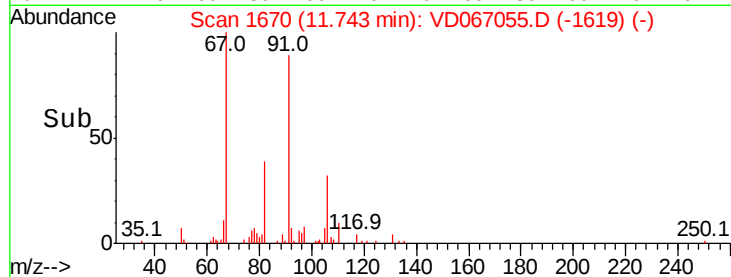
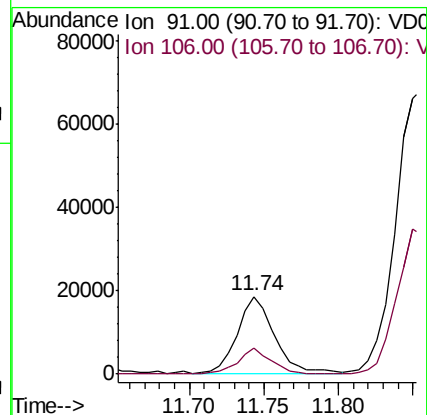
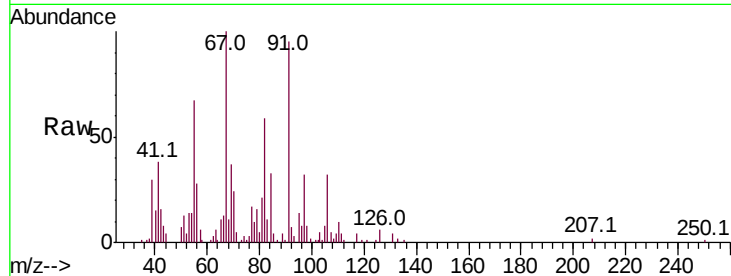
B-18(0-1)

Tot Ion: 91 Resp: 32776

Ion Ratio Lower Upper

91 100

106 33.7 25.4 38.2



#68

m/p-Xylenes

Concen: 6.937 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD067055.D

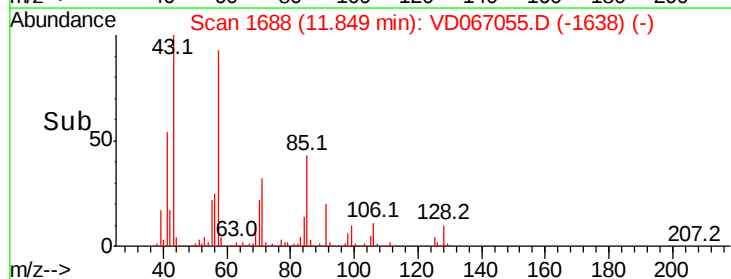
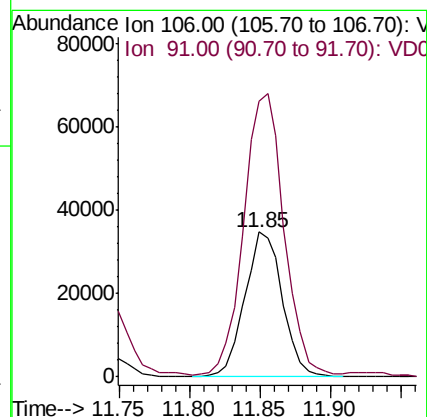
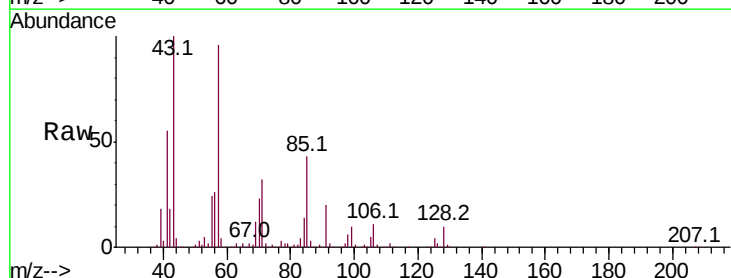
Acq: 03 Oct 2020 01:32

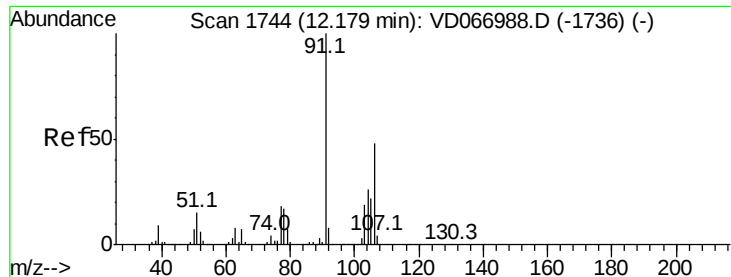
Tgt Ion: 106 Resp: 64943

Ion Ratio Lower Upper

106 100

91 210.7 158.4 237.6

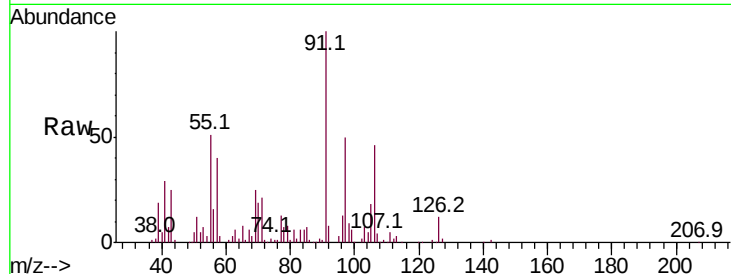




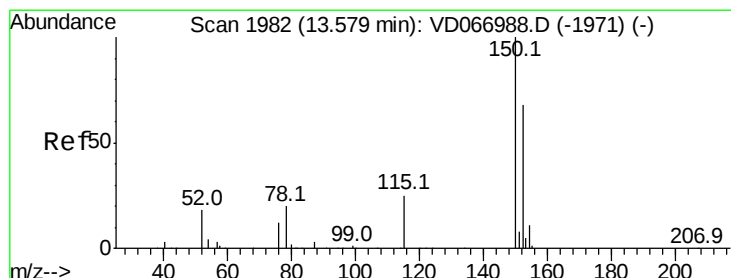
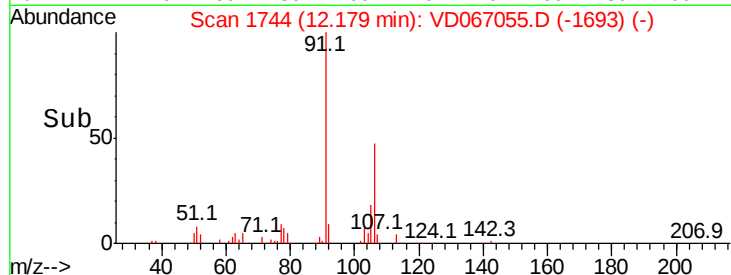
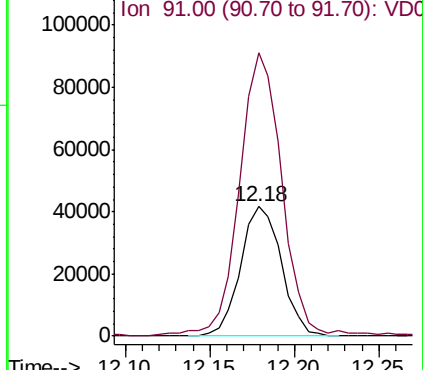
#69
o-Xylene
Concen: 8.345 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)

Tot Ion:106 Resp: 69861
Ion Ratio Lower Upper
106 100
91 224.9 102.4 307.2

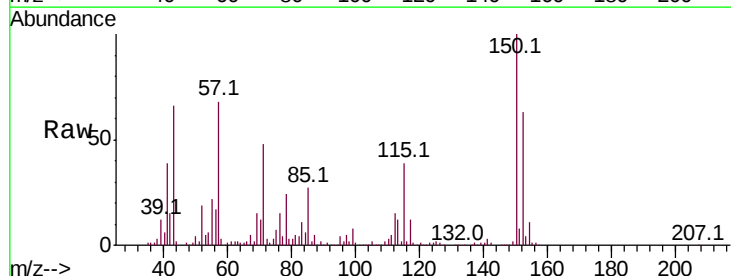


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

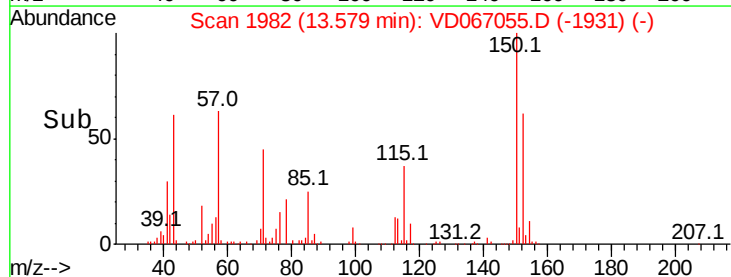
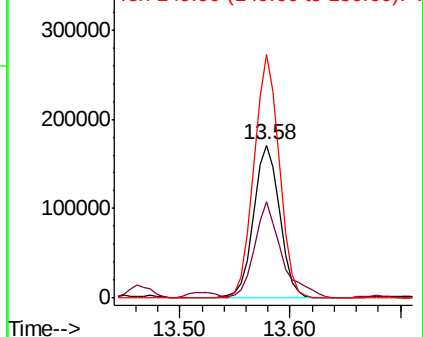


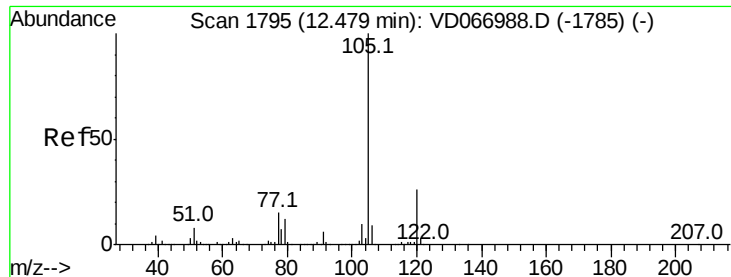
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Tgt Ion:152 Resp: 285613
Ion Ratio Lower Upper
152 100
115 64.5 29.6 88.8
150 153.1 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: 1.273 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

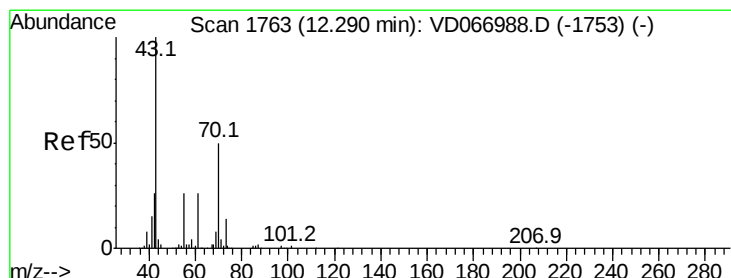
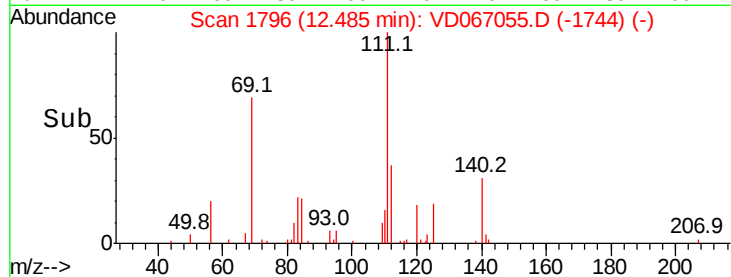
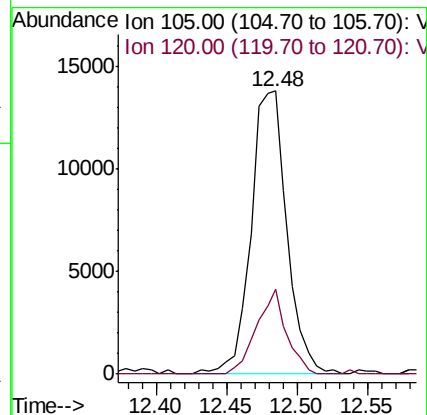
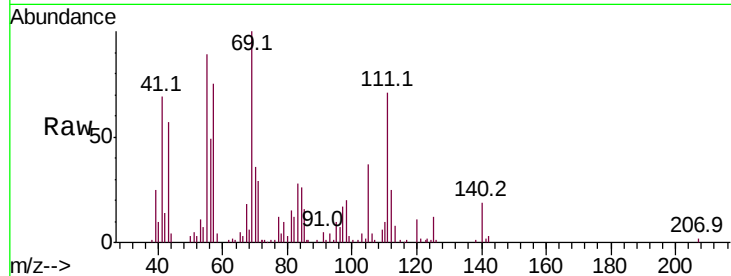
B-18(0-1)

Tot Ion:105 Resp: 24684

Ion Ratio Lower Upper

105 100

120 25.1 13.3 39.9



#74

N-ethyl acetate

Concen: 54.817 ug/l

RT: 12.27 min Scan# 1759

Delta R.T. -0.02 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Tgt Ion: 43 Resp: 191108

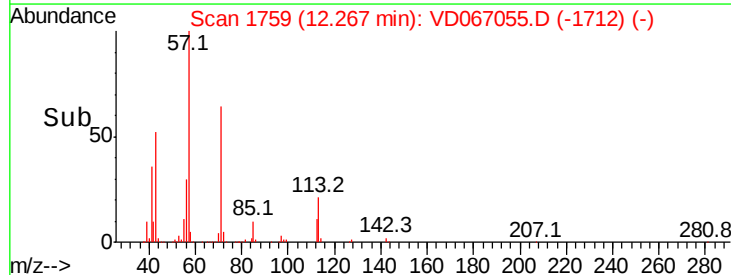
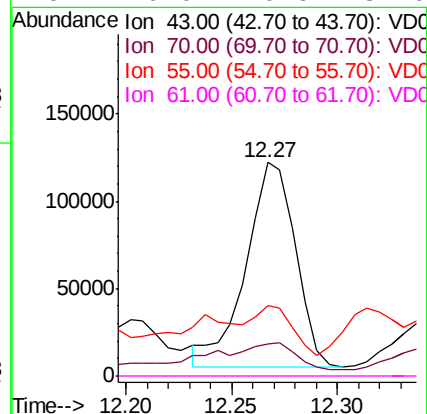
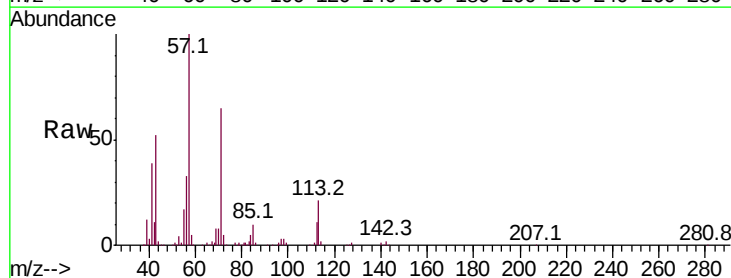
Ion Ratio Lower Upper

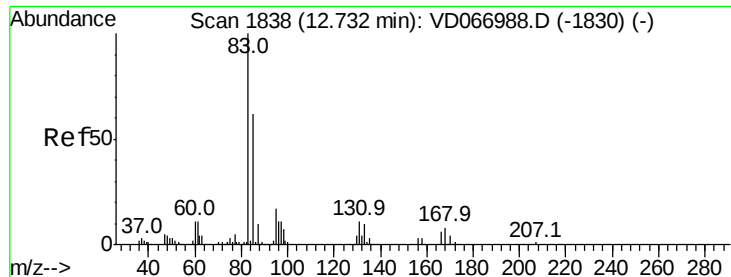
43 100

70 21.1 38.2 57.2#

55 18.1 22.4 33.6#

61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.418 ug/l

RT: 12.67 min Scan# 1827

Delta R.T. -0.06 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)

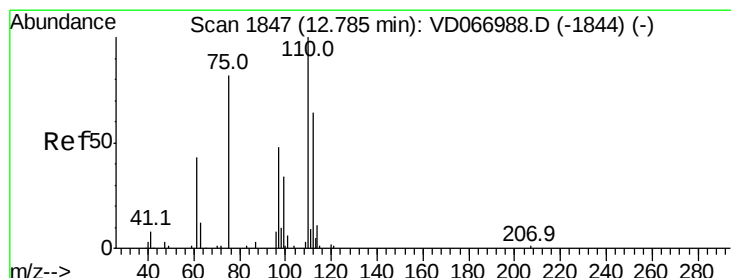
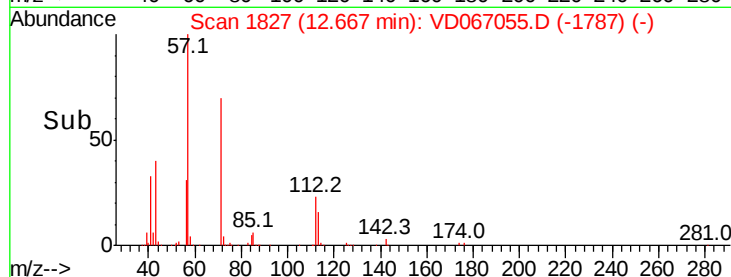
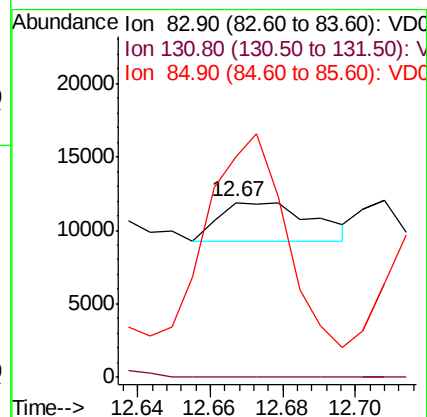
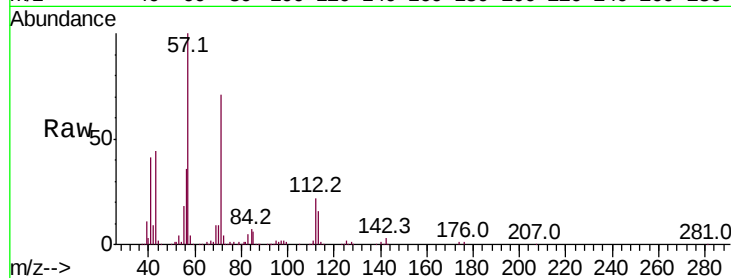
Tot Ion: 83 Resp: 4634

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 531.4 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 59.100 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD067055.D

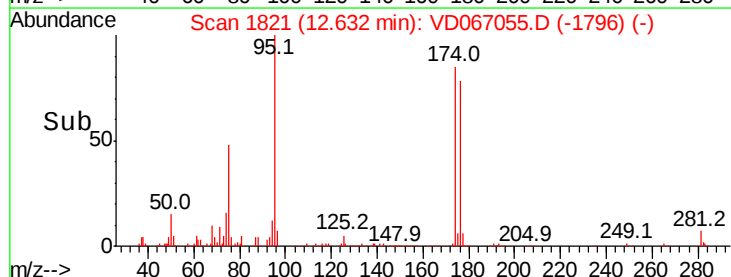
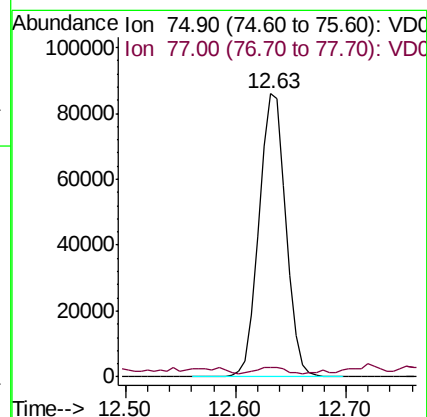
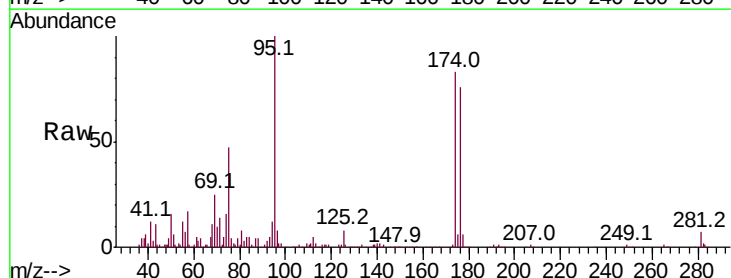
Acq: 03 Oct 2020 01:32

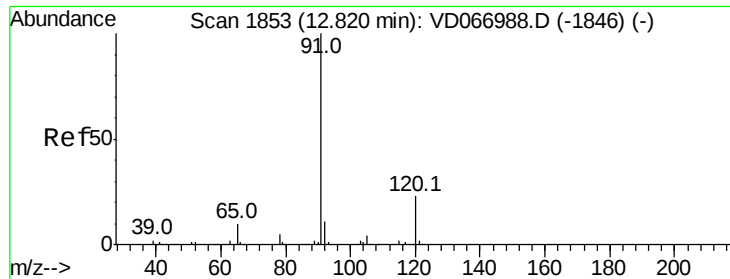
Tgt Ion: 75 Resp: 147027

Ion Ratio Lower Upper

75 100

77 2.4 0.0 0.0#





#78

n-propylbenzene

Concen: 1.333 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

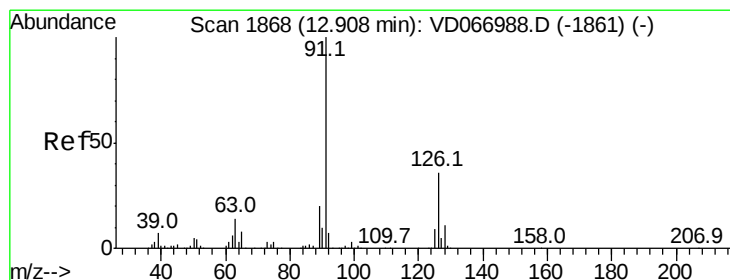
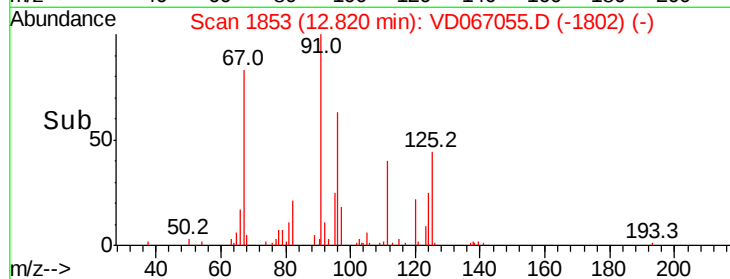
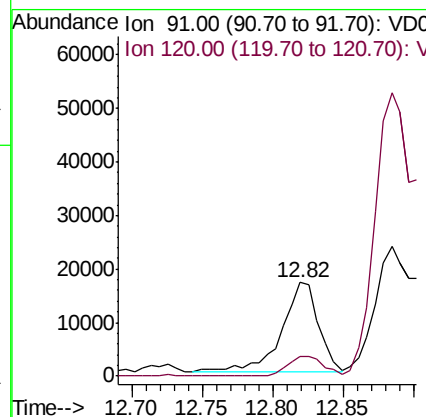
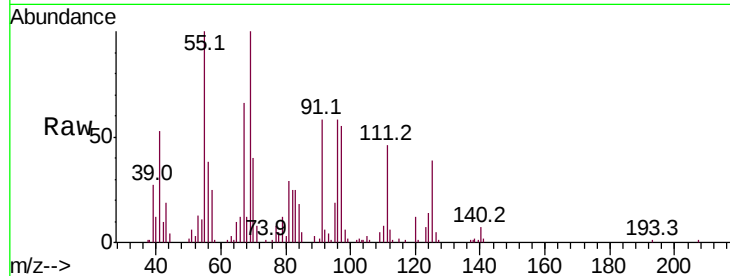
B-18(0-1)

Tot Ion: 91 Resp: 30552

Ion Ratio Lower Upper

91 100

120 0.0 11.6 34.8#



#79

2-Chlorotoluene

Concen: 3.774 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD067055.D

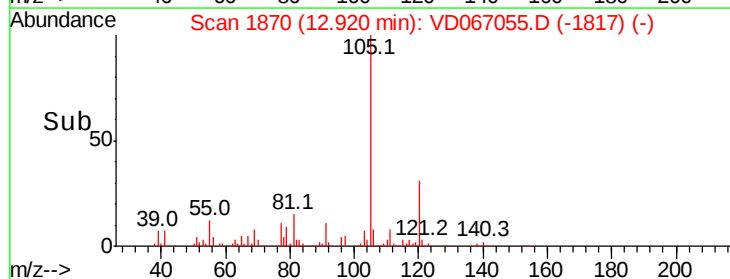
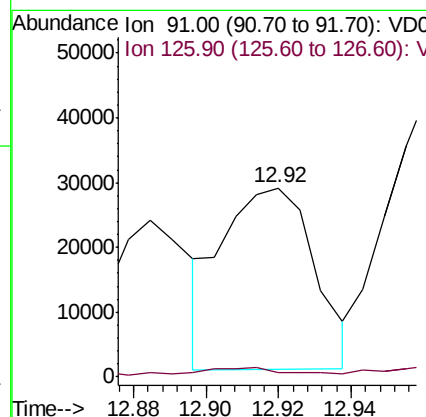
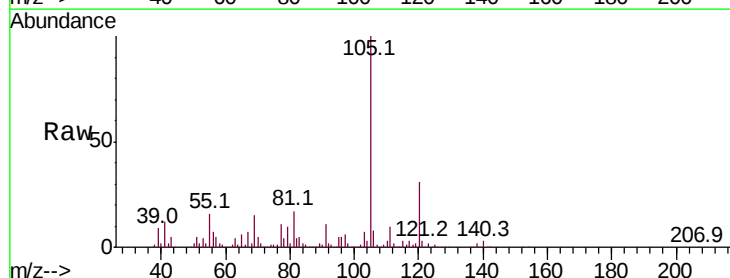
Acq: 03 Oct 2020 01:32

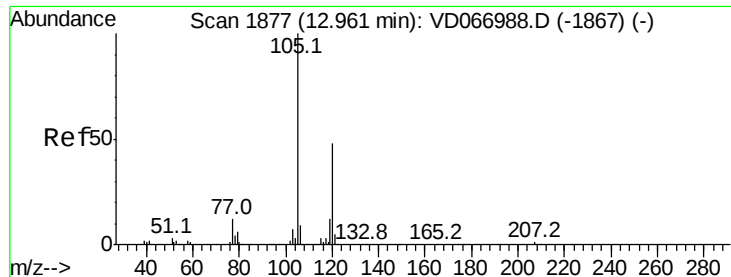
Tgt Ion: 91 Resp: 49490

Ion Ratio Lower Upper

91 100

126 3.5 17.5 52.6#





#80

1,3,5-Trimethylbenzene

Concen: 35.882 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

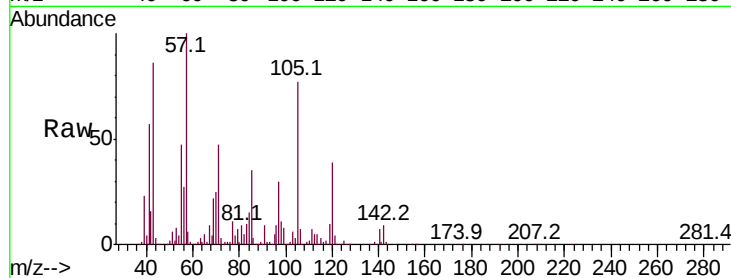
B-18(0-1)

Tot Ion:105 Resp: 587929

Ion Ratio Lower Upper

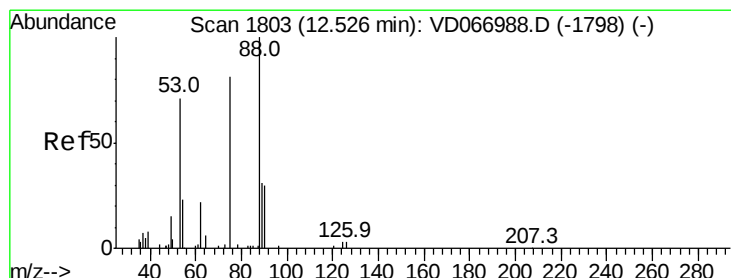
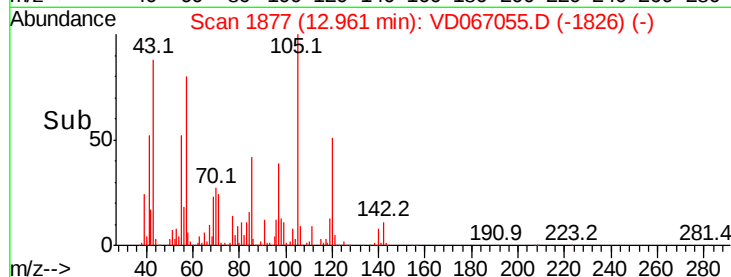
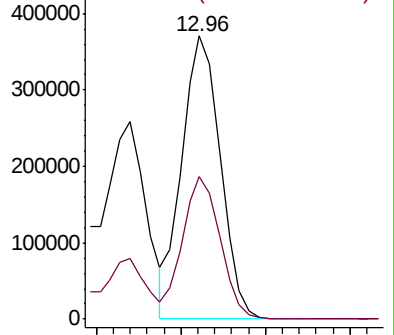
105 100

120 49.5 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: 147.343 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.11 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

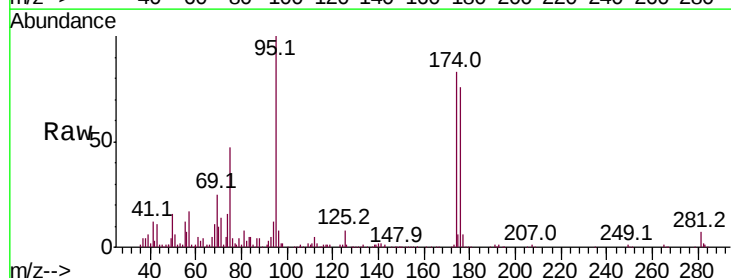
Tgt Ion: 75 Resp: 147027

Ion Ratio Lower Upper

75 100

53 2.3 73.8 110.6#

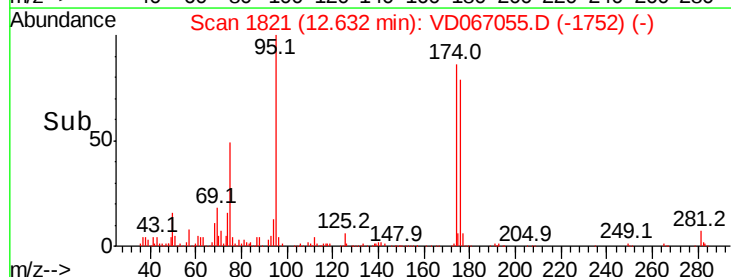
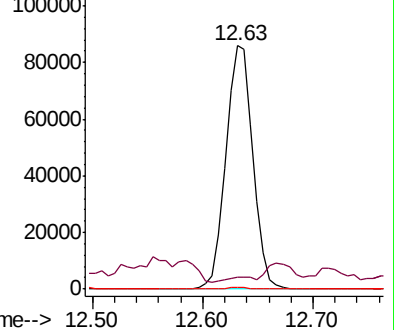
89 0.5 38.9 58.3#

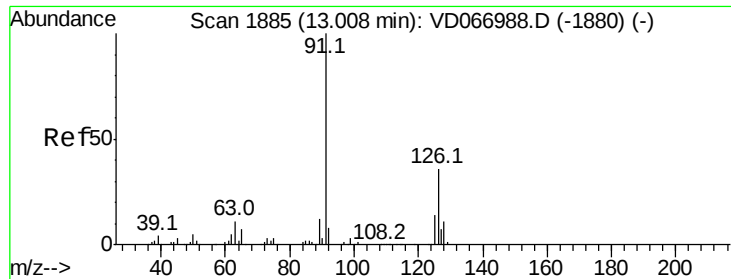


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#82

4-Chlorotoluene

Concen: 1.522 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. 0.26 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

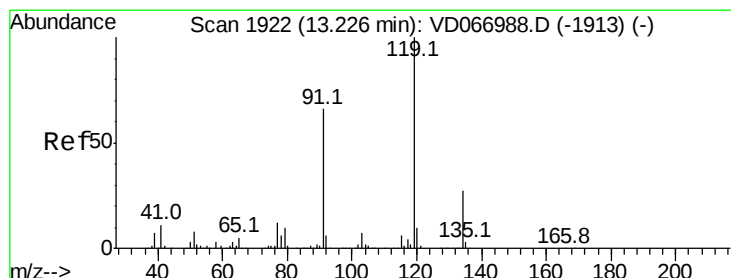
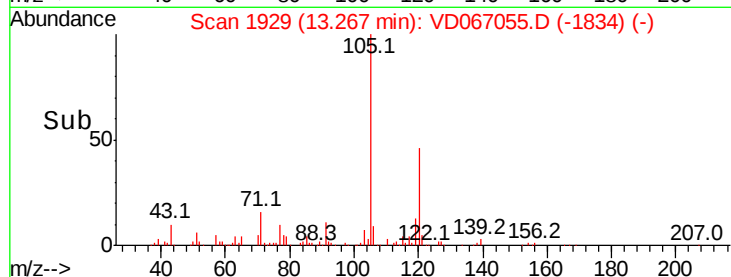
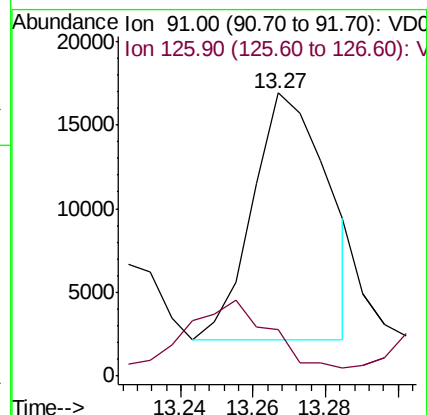
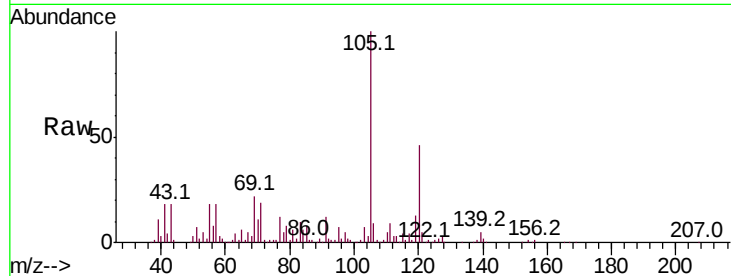
B-18(0-1)

Tot Ion: 91 Resp: 21232

Ion Ratio Lower Upper

91 100

126 30.8 17.5 52.5



#83

tert-Butylbenzene

Concen: 1.097 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

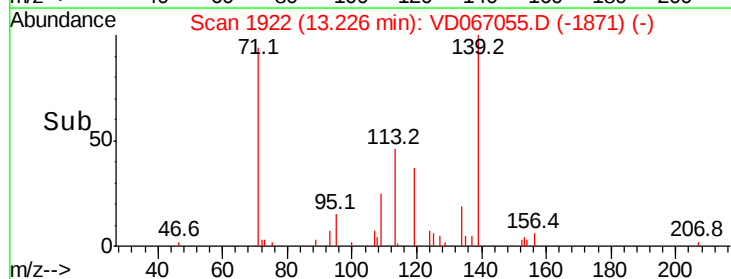
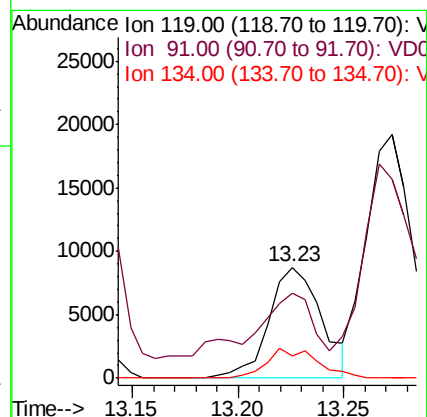
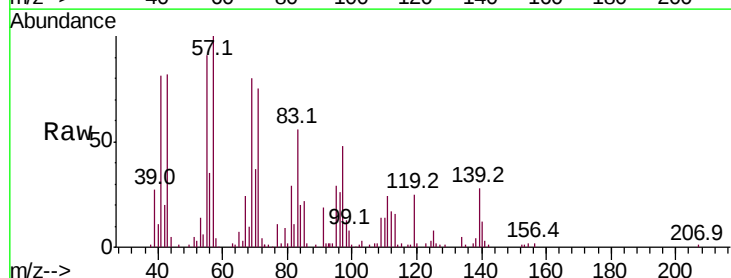
Tgt Ion: 119 Resp: 15141

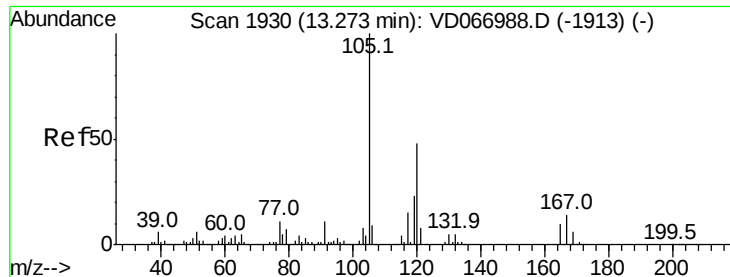
Ion Ratio Lower Upper

119 100

91 59.5 32.8 98.3

134 25.6 13.9 41.7





#84

1,2,4-Trimethylbenzene

Concen: 14.739 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

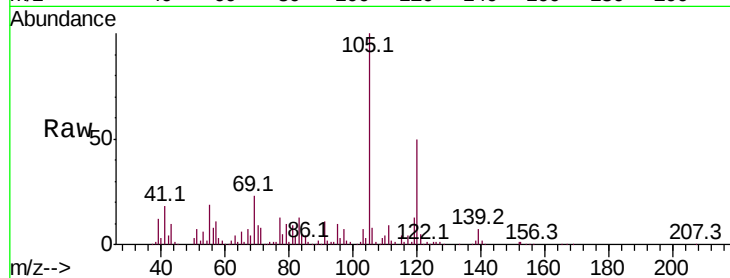
B-18(0-1)

Tot Ion:105 Resp: 241007

Ion Ratio Lower Upper

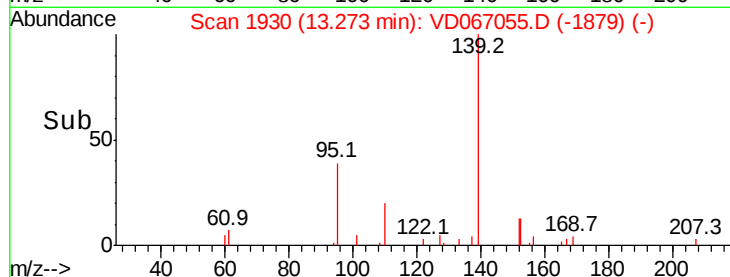
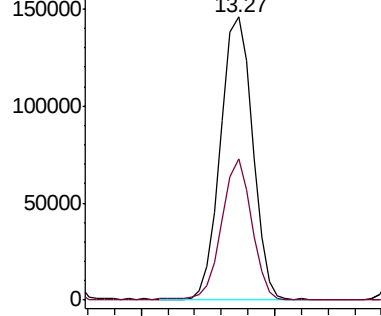
105 100

120 47.4 23.3 69.8

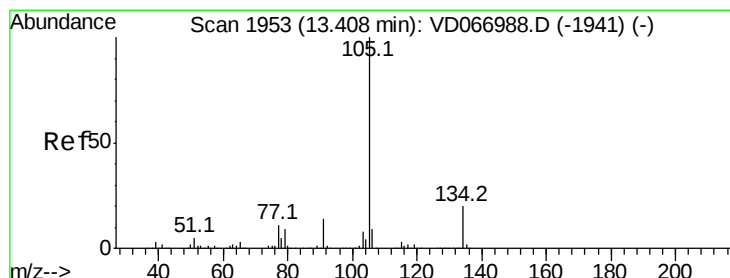


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#85

sec-Butylbenzene

Concen: 4.108 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067055.D

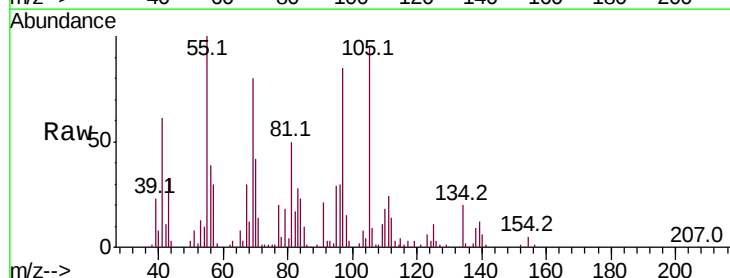
Acq: 03 Oct 2020 01:32

Tgt Ion:105 Resp: 79818

Ion Ratio Lower Upper

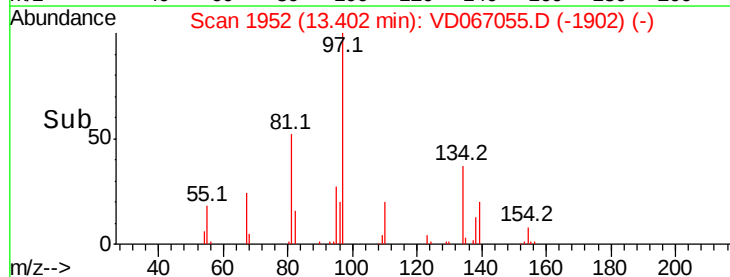
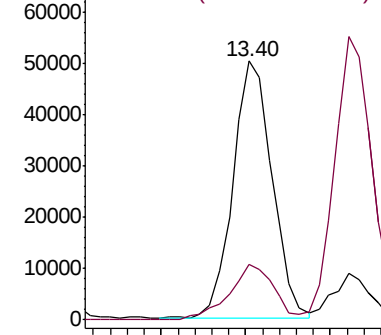
105 100

134 24.5 10.3 30.8

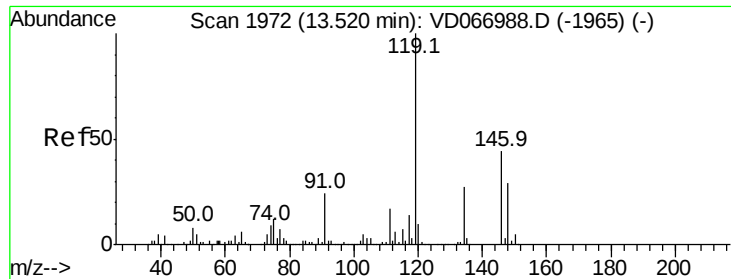


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 8.501 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)

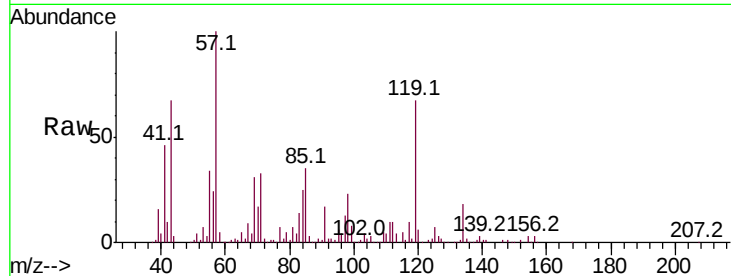
Tot Ion:119 Resp: 153135

Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.1

91 23.8 11.7 35.1

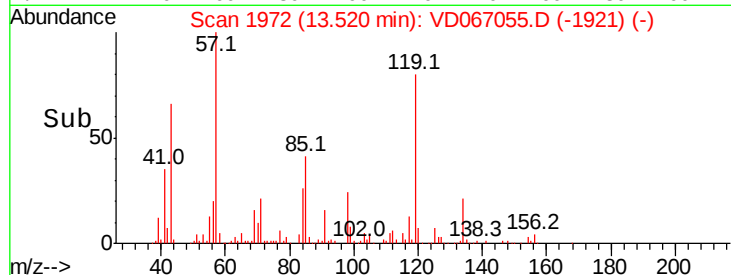


Abundance Ion 119.00 (118.70 to 119.70): V

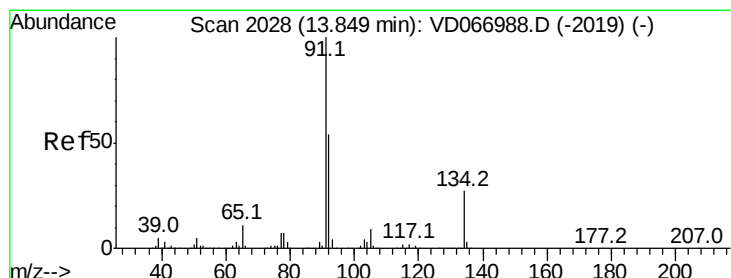
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



Time-->



#89

n-Butylbenzene

Concen: 12.333 ug/l

RT: 13.81 min Scan# 2022

Delta R.T. -0.04 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

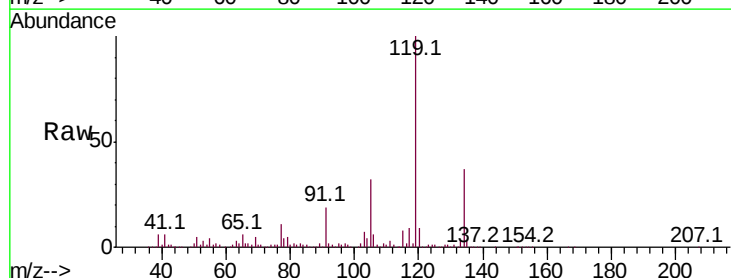
Tgt Ion: 91 Resp: 203050

Ion Ratio Lower Upper

91 100

92 5.1 27.1 81.2#

134 167.5 13.6 40.8#

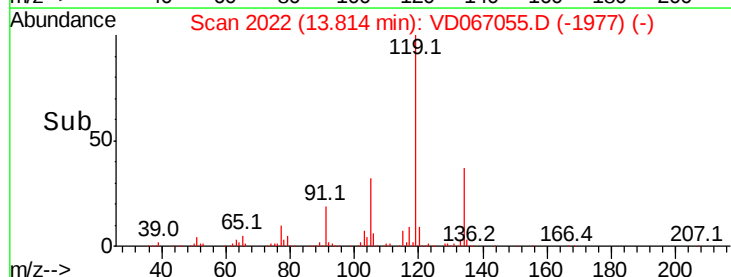


Abundance Ion 91.00 (90.70 to 91.70): V

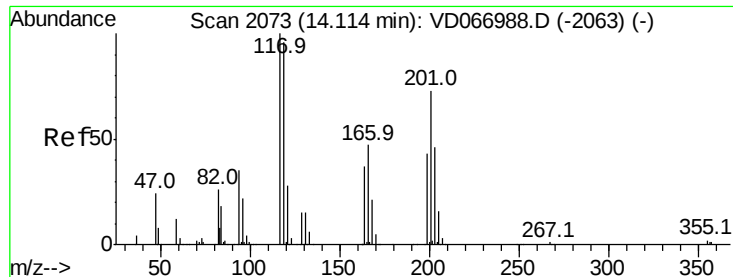
Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

Time-->



Time-->



#90

Hexachloroethane

Concen: 23.705 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

Instrument :

MSVOA_D

ClientSampled :

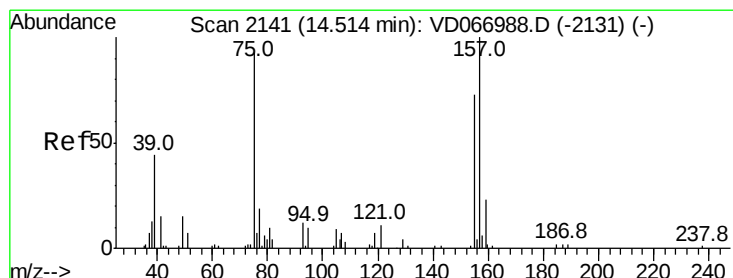
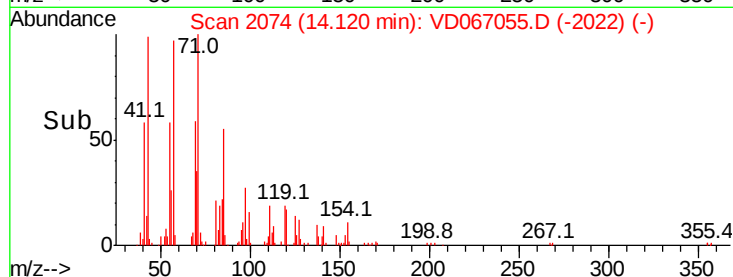
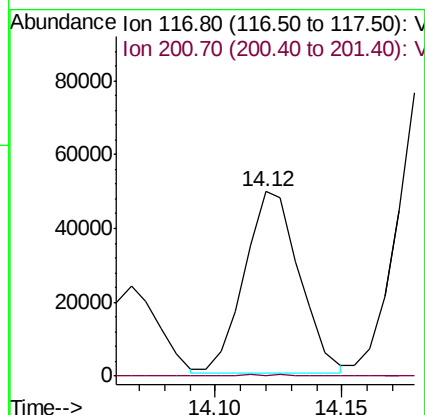
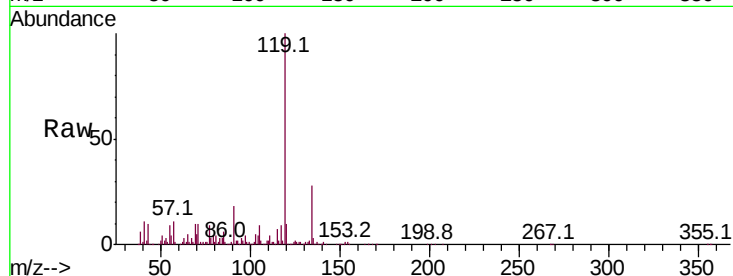
B-18(0-1)

Tot Ion:117 Resp: 74802

Ion Ratio Lower Upper

117 100

201 0.6 37.0 110.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.513 ug/l

RT: 14.53 min Scan# 2144

Delta R.T. 0.02 min

Lab File: VD067055.D

Acq: 03 Oct 2020 01:32

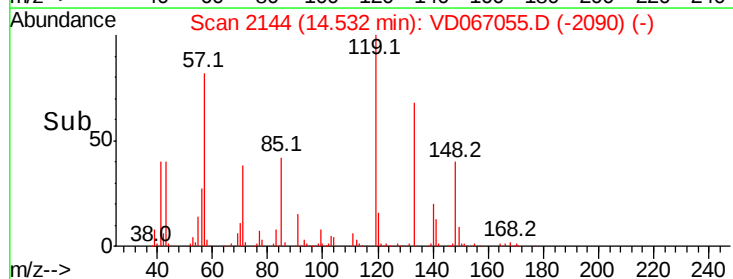
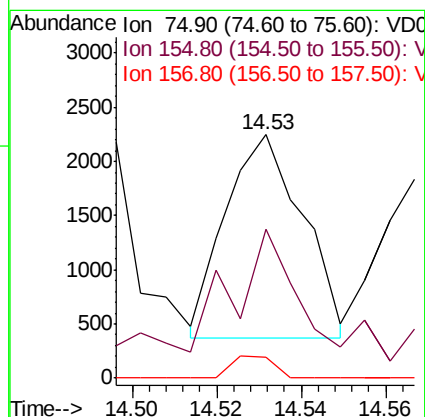
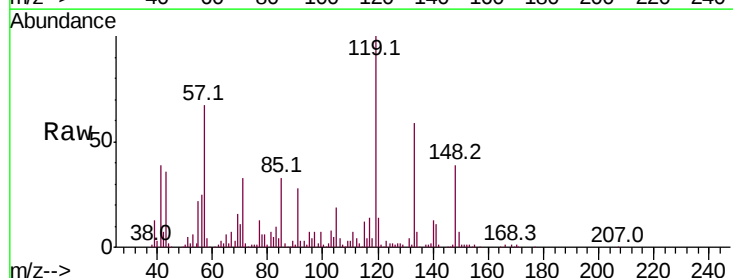
Tgt Ion: 75 Resp: 2377

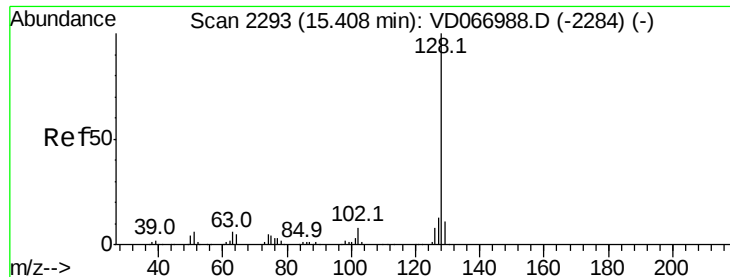
Ion Ratio Lower Upper

75 100

155 86.2 45.2 135.6

157 6.0 56.3 168.8#

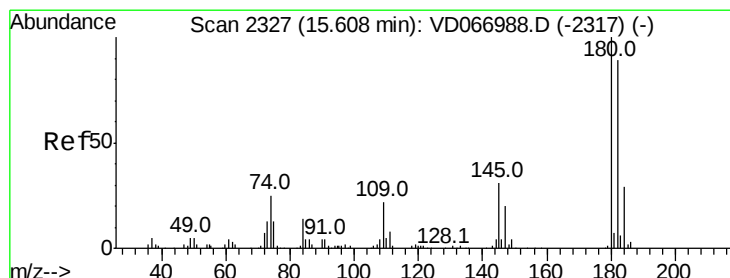
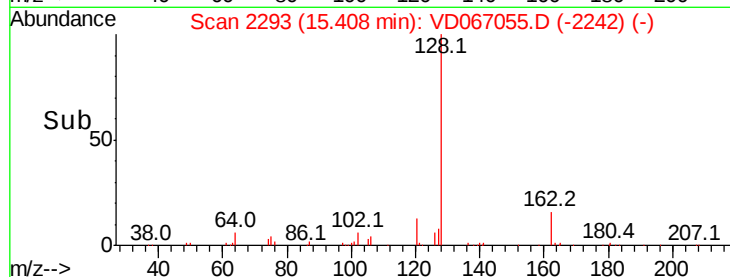
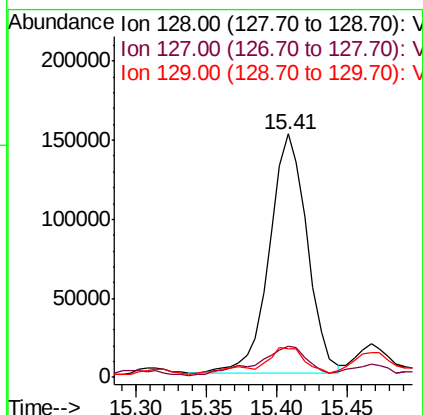
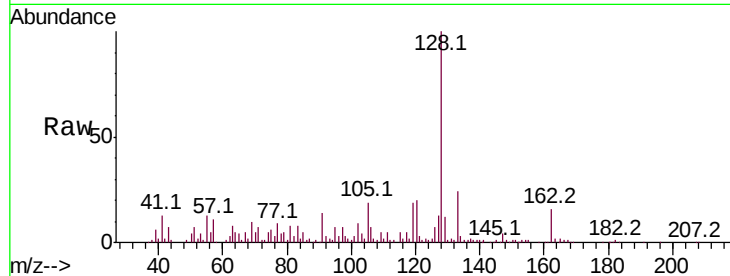




#95
Naphthalene
Concen: 32.957 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)

Tot Ion:128 Resp: 283246
Ion Ratio Lower Upper
128 100
127 16.7 10.3 15.5#
129 13.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.040 ug/l
RT: 15.62 min Scan# 2329
Delta R.T. 0.01 min
Lab File: VD067055.D
Acq: 03 Oct 2020 01:32

Tgt Ion:180 Resp: 4652
Ion Ratio Lower Upper
180 100
182 30.9 46.4 139.1#
145 0.0 16.6 49.7#

