

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101920\
 Data File : VD067307.D
 Acq On : 19 Oct 2020 14:24
 Operator : VA/SY
 Sample : L4434-01
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40978-S

Quant Time: Oct 20 01:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	336488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	551707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	493149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	162477	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	7.92	113	171300	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.34	98	627351	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.64	95	206341	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	1217	Below Cal		77
5) Bromomethane	2.78	94	903	Below Cal	#	70
11) Tert butyl alcohol	5.22	59	2887	Below Cal	#	81
13) Acrolein	3.93	56	270	22.888	ug/l #	49
16) Acetone	4.16	43	75888	160.738	ug/l	100
17) Carbon Disulfide	4.41	76	43437	5.487	ug/l	98
18) Methyl Acetate	4.73	43	1088	1.010	ug/l #	80
20) Methylene Chloride	4.97	84	8748	Below Cal	#	87
25) 2-Butanone	7.23	43	11315	21.025	ug/l	97
31) Cyclohexane	7.98	56	20112	5.180	ug/l #	74
37) Ethyl Acetate	7.30	43	1617	1.175	ug/l #	73
39) Methylcyclohexane	9.36	83	29027	5.938	ug/l	94
40) Benzene	8.35	78	137657	10.731	ug/l	96
48) Methyl methacrylate	9.54	41	2902	2.187	ug/l #	50
51) 4-Methyl-2-Pentanone	10.24	43	4389	3.223	ug/l #	84
52) Toluene	10.41	92	255262	29.215	ug/l	100
55) 1,1,2-Trichloroethane	10.77	97	2765	1.095	ug/l #	23
59) 2-Hexanone	10.96	43	2082	2.238	ug/l #	22
67) Ethyl Benzene	11.75	91	156912	9.680	ug/l	97
68) m/p-Xylenes	11.86	106	244565	39.178	ug/l	99
69) o-Xylene	12.18	106	106219	18.375	ug/l	96
70) Styrene	12.20	104	24823	2.495	ug/l #	22
73) Isopropylbenzene	12.48	105	20502	1.543	ug/l	99
74) N-amyl acetate	12.23	43	36069	17.974	ug/l #	40
76) 1,2,3-Trichloropropane	12.64	75	108877	75.035	ug/l #	100
78) n-propylbenzene	12.83	91	39958	2.596	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	63763	5.522	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.64	75	108877	170.157	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.27	105	122011	10.691	ug/l	98
89) n-Butylbenzene	13.85	91	13116	1.180	ug/l #	66
90) Hexachloroethane	14.12	117	3069	1.392	ug/l #	13
95) Naphthalene	15.41	128	322076	52.237	ug/l	98

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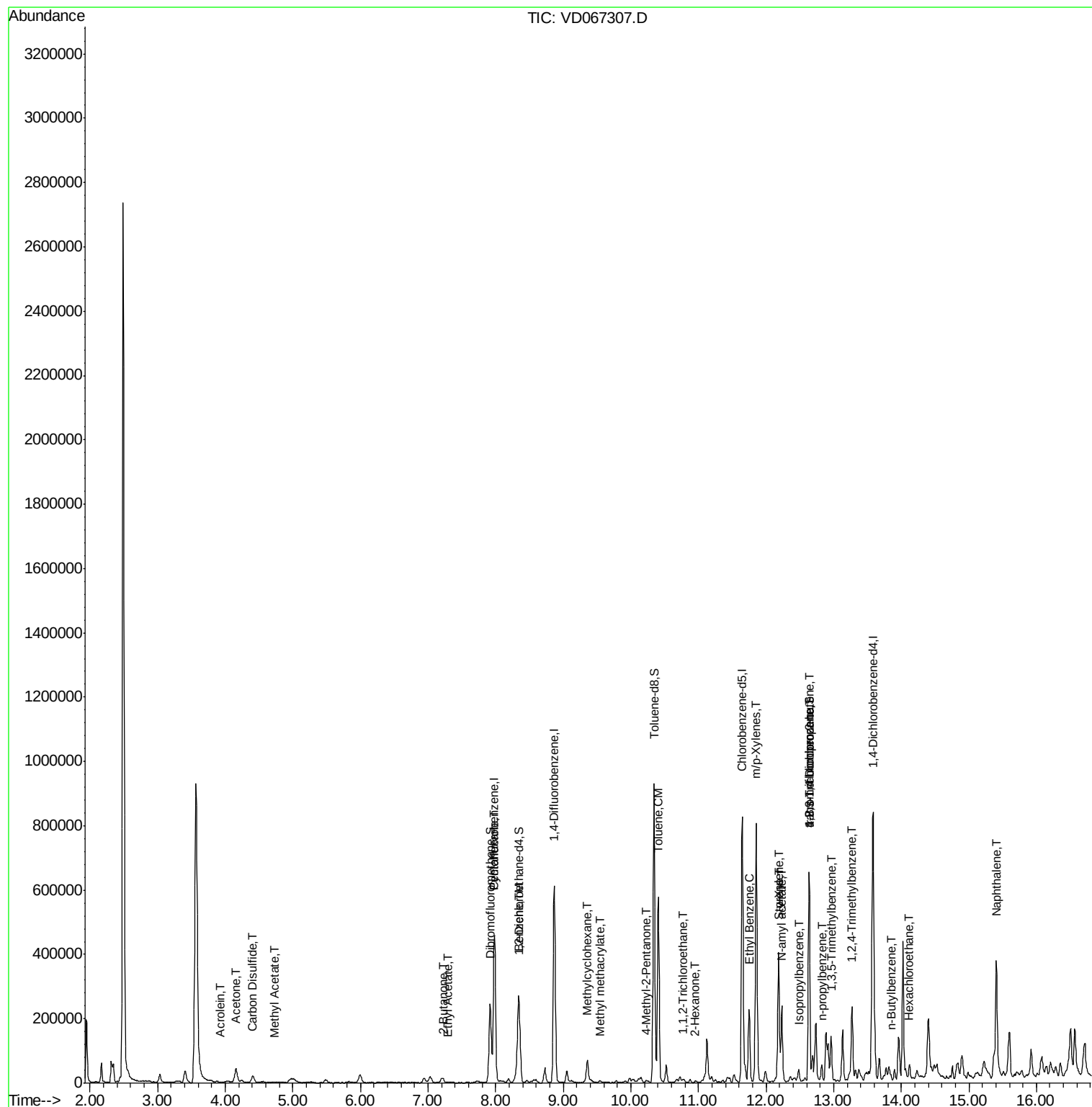
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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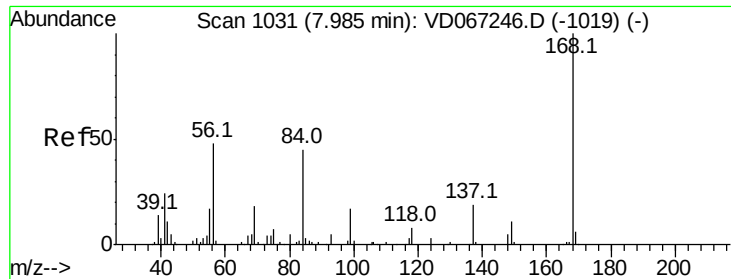
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

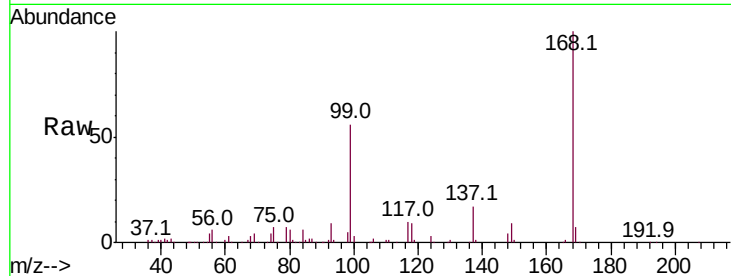
40978-S

Tot Ion:168 Resp: 336488

Ion Ratio Lower Upper

168 100

99 55.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

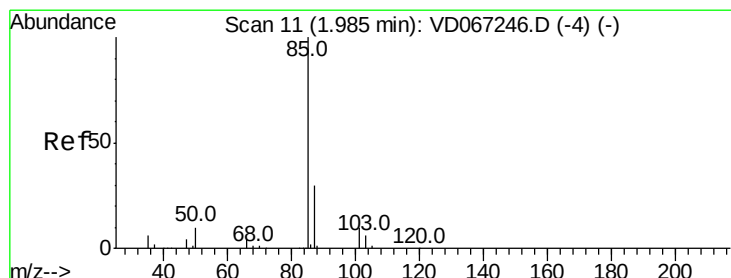
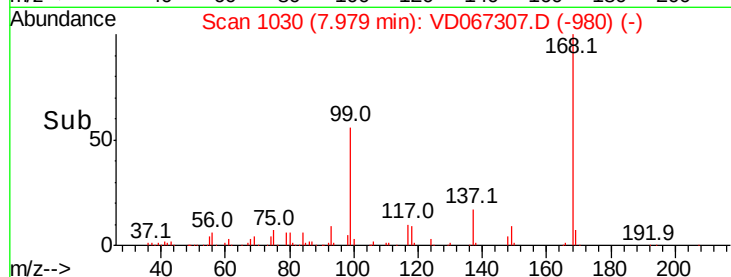
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067307.D

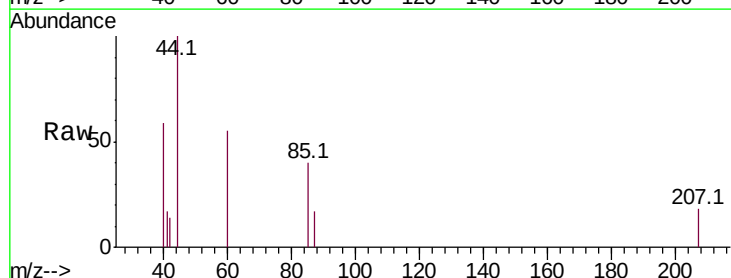
Acq: 19 Oct 2020 14:24

Tgt Ion: 85 Resp: 1217

Ion Ratio Lower Upper

85 100

87 43.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

800

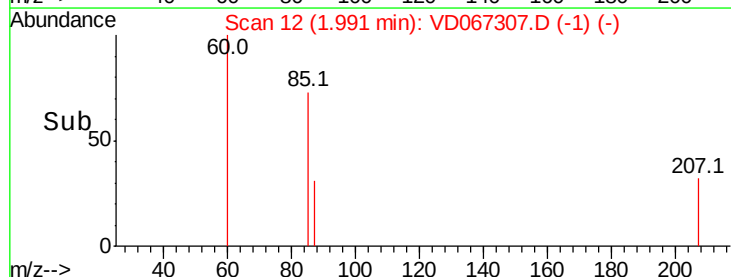
600

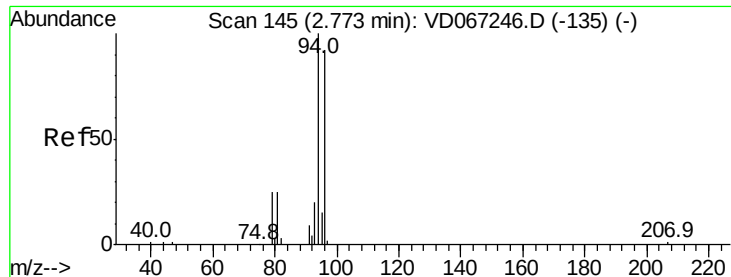
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

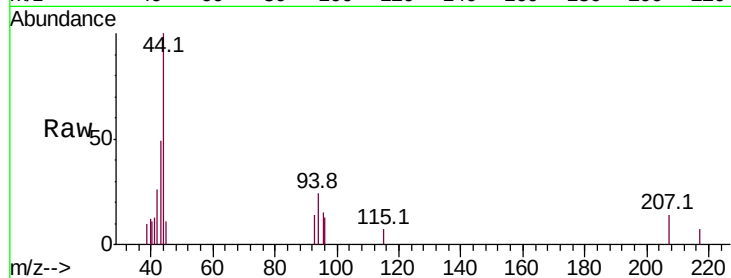
40978-S

Tot Ion: 94 Resp: 903

Ion Ratio Lower Upper

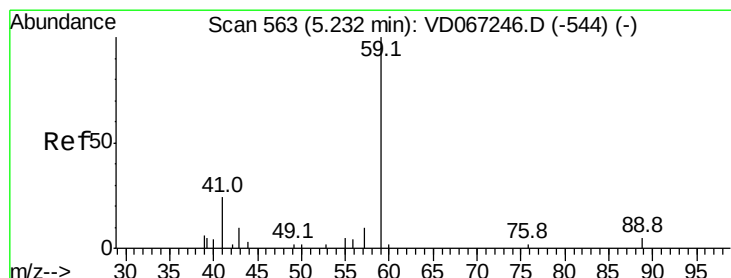
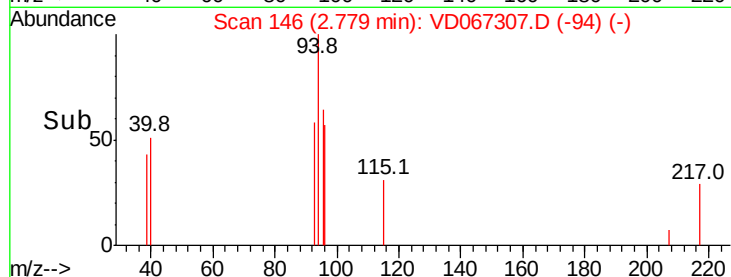
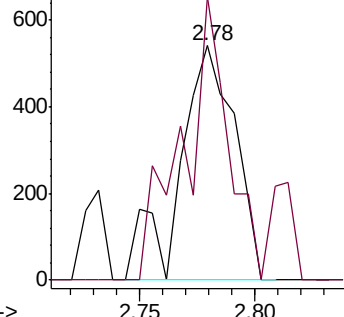
94 100

96 120.7 73.8 110.6#



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: 5.22 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD067307.D

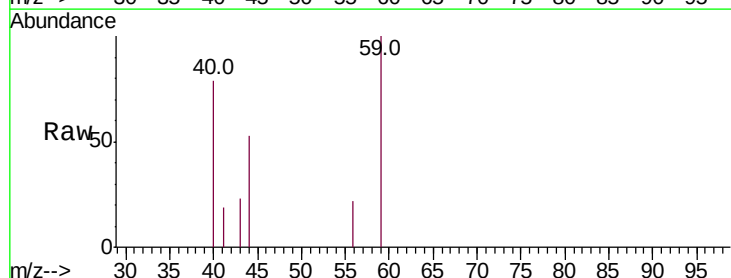
Acq: 19 Oct 2020 14:24

Tgt Ion: 59 Resp: 2887

Ion Ratio Lower Upper

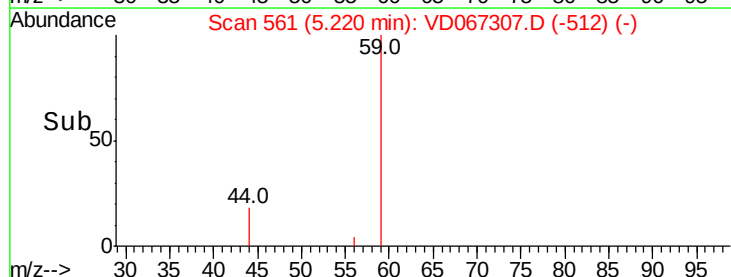
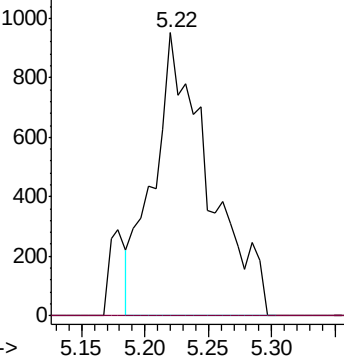
59 100

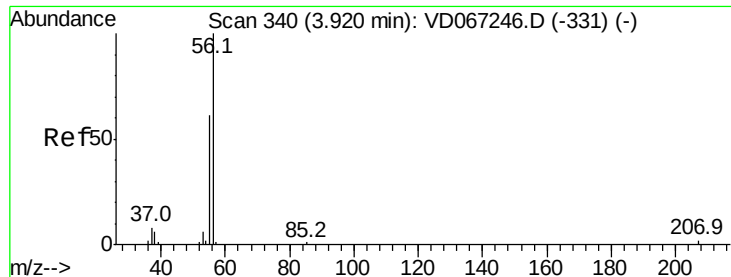
57 0.0 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#13

Acrolein

Concen: 22.888 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

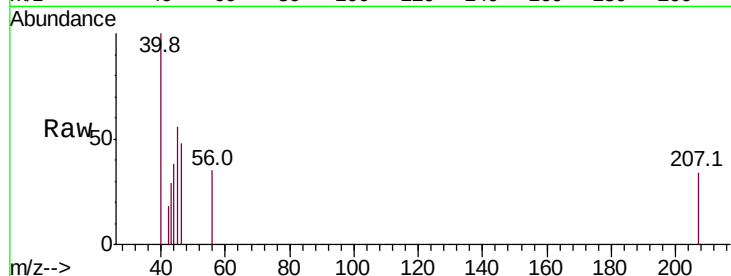
40978-S

Tot Ion: 56 Resp: 270

Ion Ratio Lower Upper

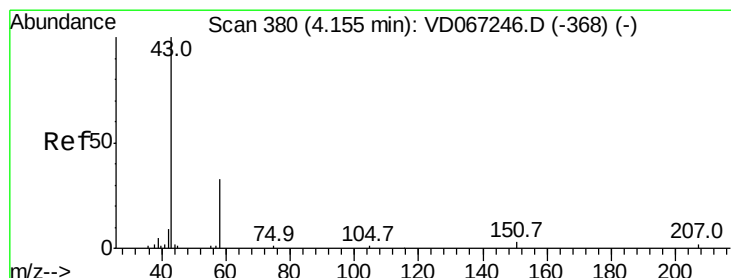
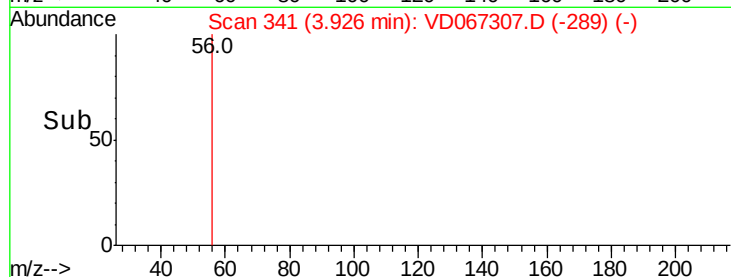
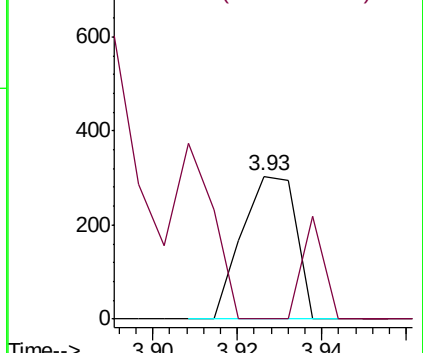
56 100

55 28.5 56.0 84.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 160.738 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067307.D

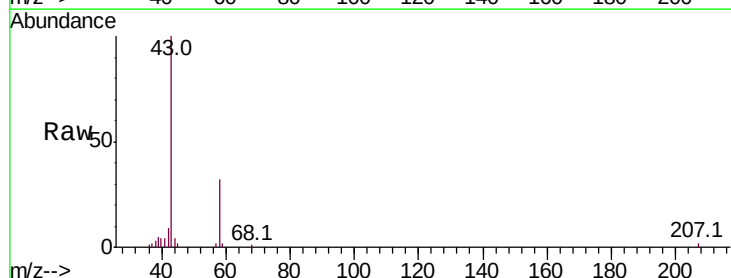
Acq: 19 Oct 2020 14:24

Tgt Ion: 43 Resp: 75888

Ion Ratio Lower Upper

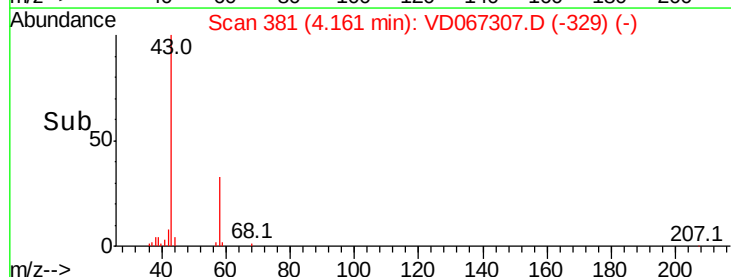
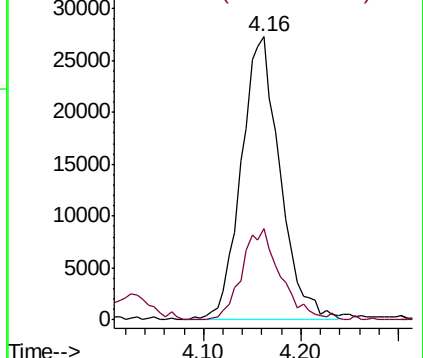
43 100

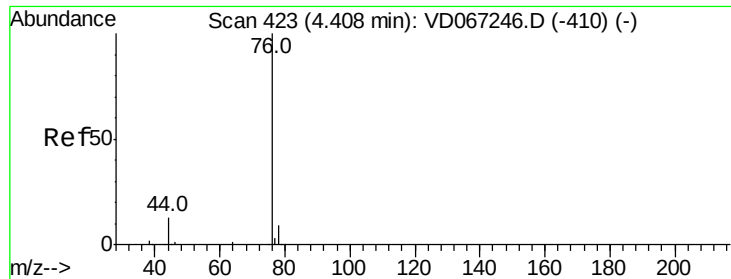
58 32.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

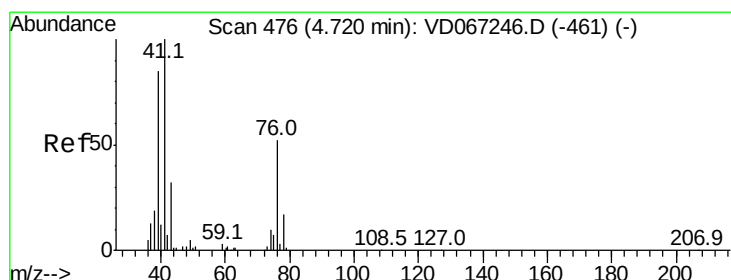
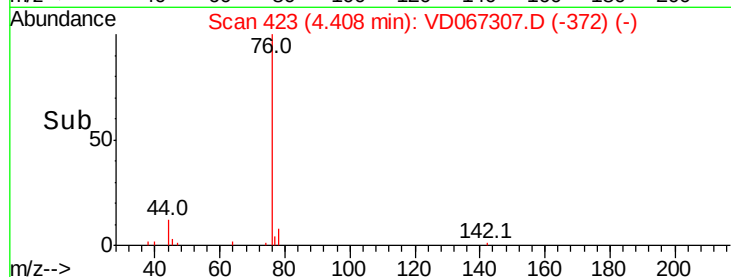
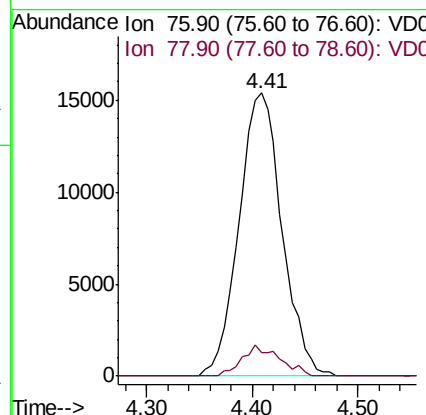
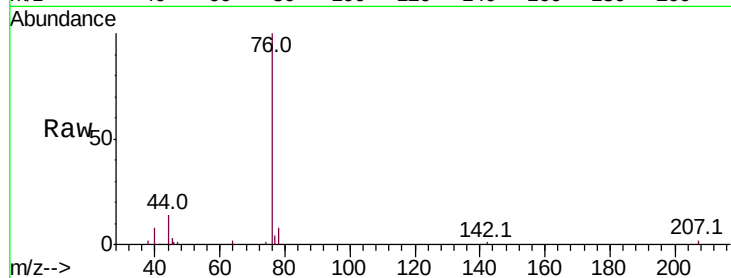




#17
Carbon Disulfide
Concen: 5.487 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

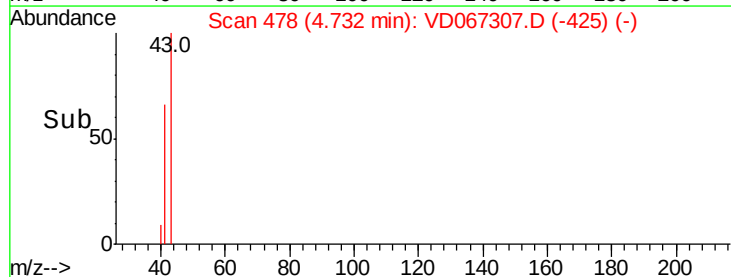
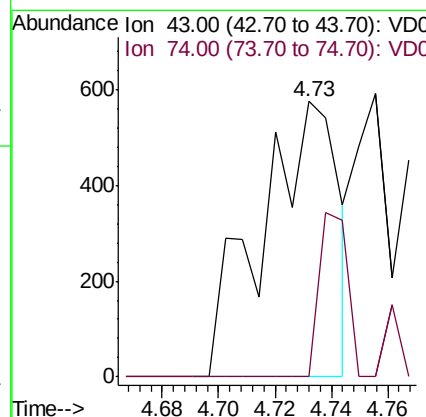
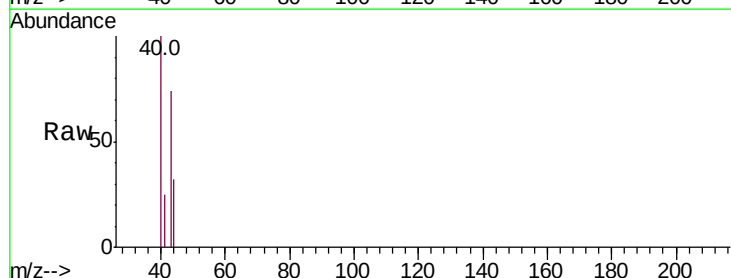
Instrument :
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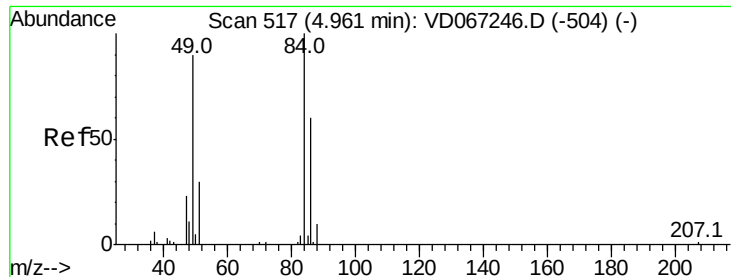
Tot Ion: 76 Resp: 43437
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 1.010 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
74 21.8 26.6 39.8#

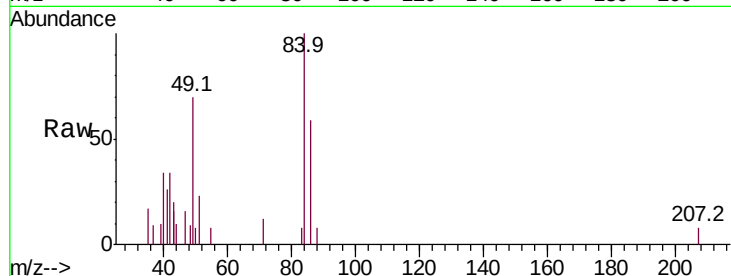




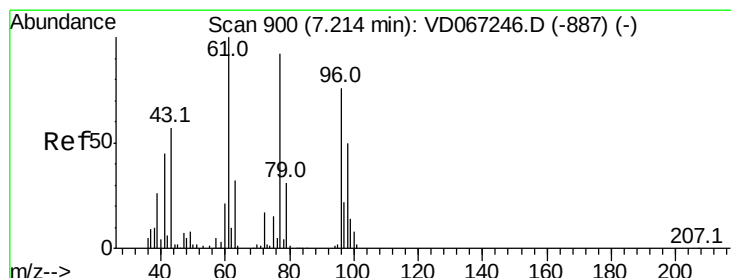
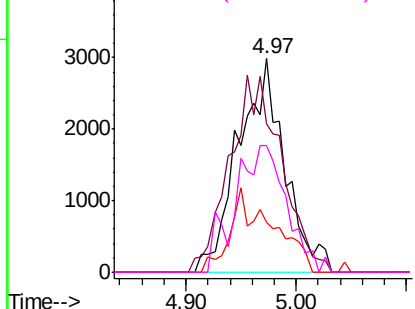
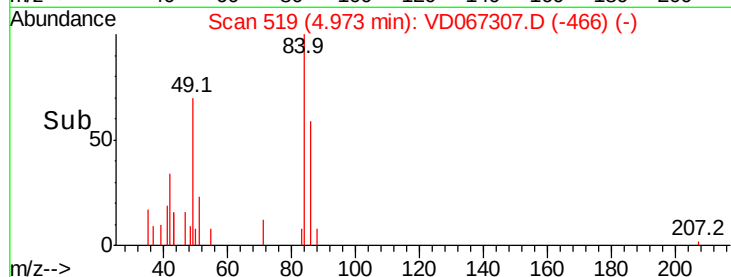
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
40978-S

Tot Ion: 84 Resp: 8748
Ion Ratio Lower Upper
84 100
49 69.8 72.2 108.2#
51 23.3 23.8 35.8#
86 59.5 48.2 72.4

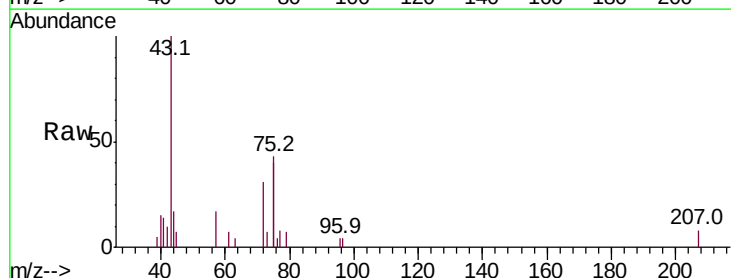


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

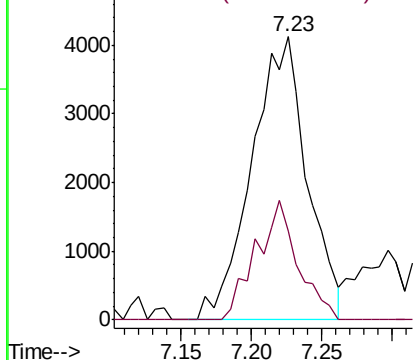
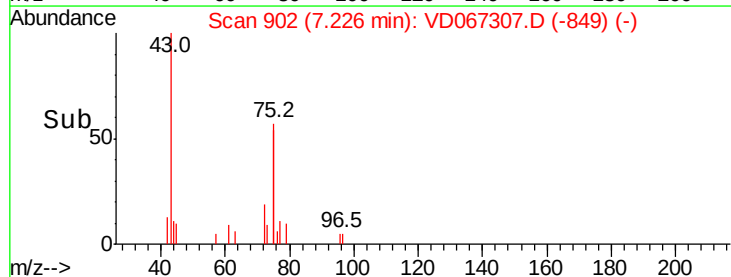


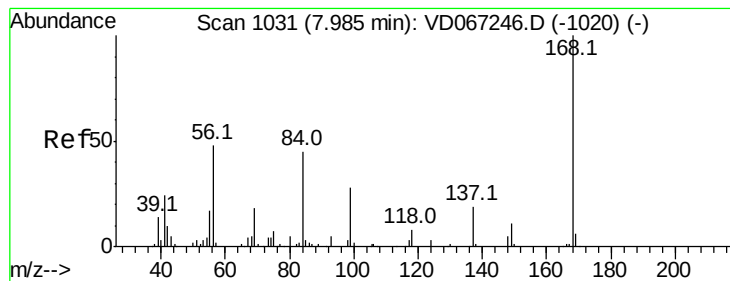
#25
2-Butanone
Concen: 21.025 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion: 43 Resp: 11315
Ion Ratio Lower Upper
43 100
72 31.1 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 5.180 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

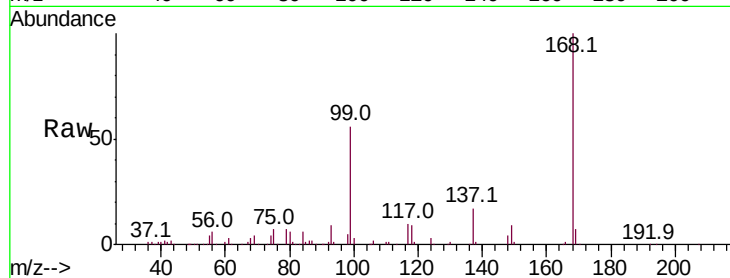
MSVOA_D

ClientSampleId :

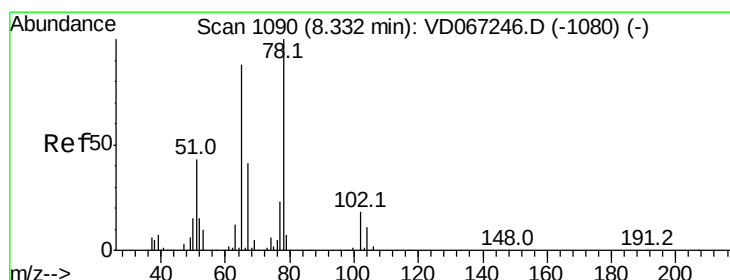
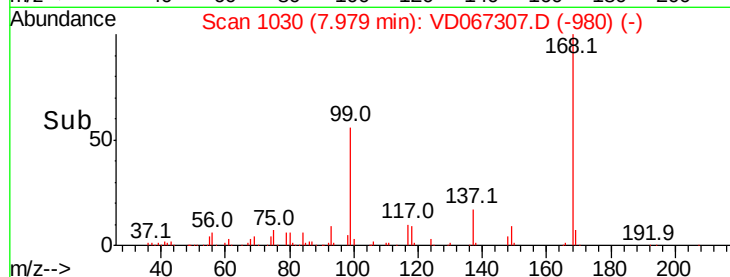
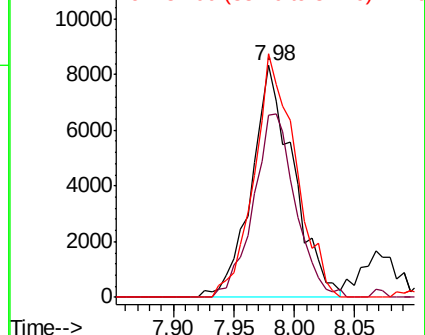
40978-S

Tot Ion: 56 Resp: 20112

Ion	Ratio	Lower	Upper
56	100		
69	78.8	29.8	44.6#
84	105.0	76.6	114.8



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



#33

1,2-Dichloroethane-d4

Concen: 48.197 ug/l

RT: 8.33 min Scan# 1090

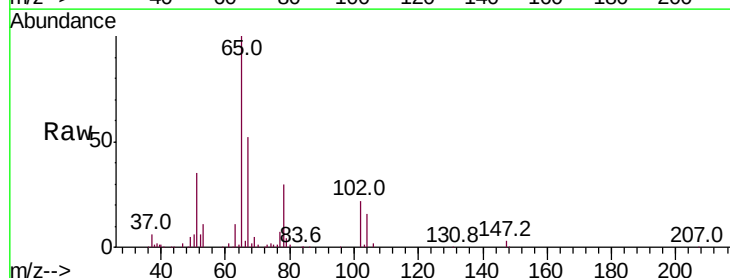
Delta R.T. 0.00 min

Lab File: VD067307.D

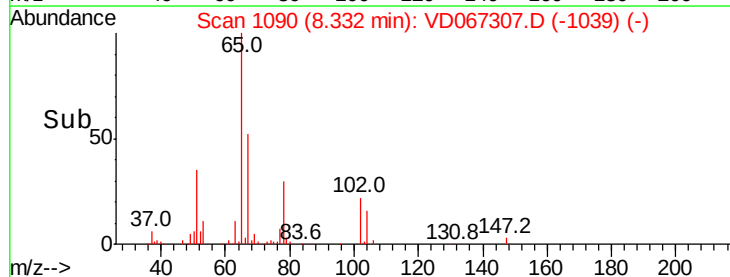
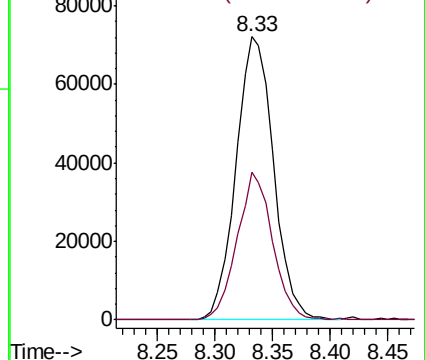
Acq: 19 Oct 2020 14:24

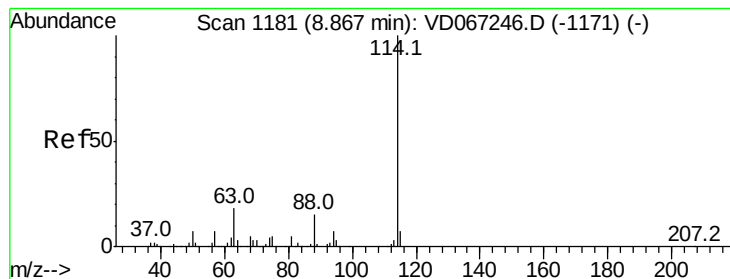
Tgt Ion: 65 Resp: 162477

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

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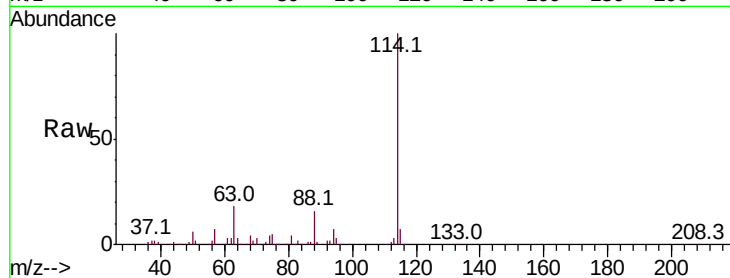
Tot Ion:114 Resp: 551707

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

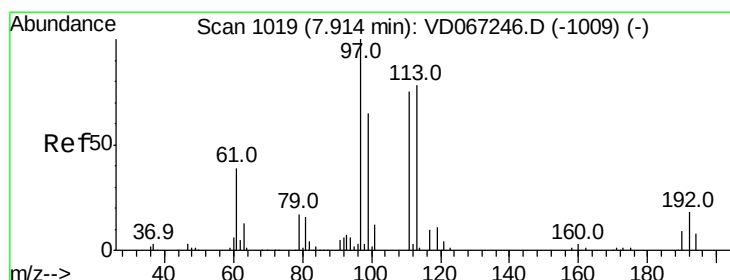
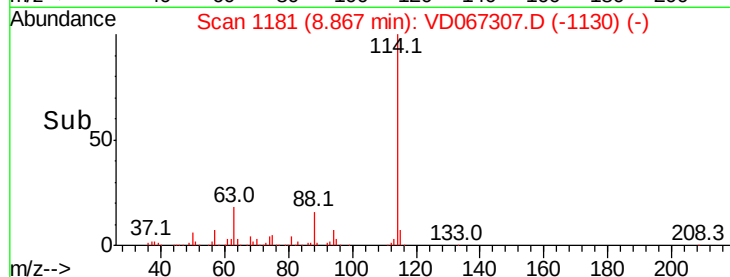
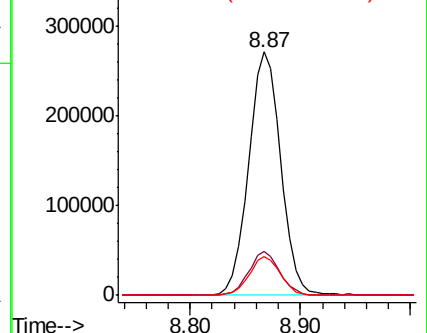
88 16.0 0.0 30.6



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: 46.655 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

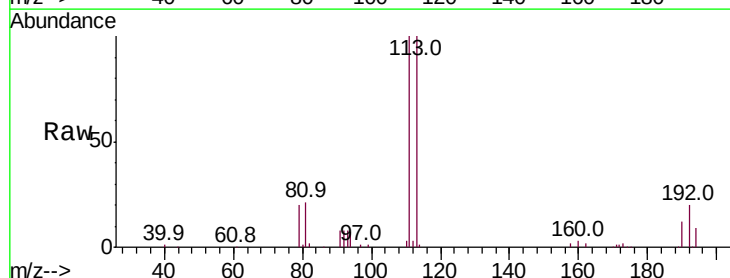
Tgt Ion:113 Resp: 171300

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

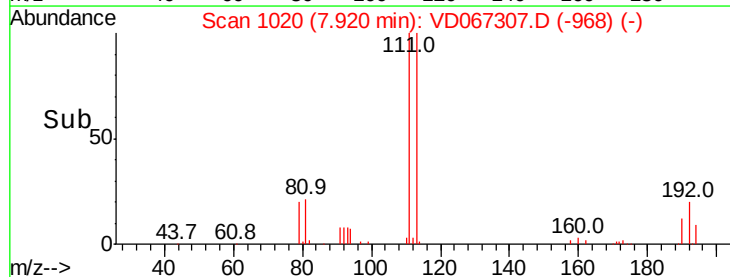
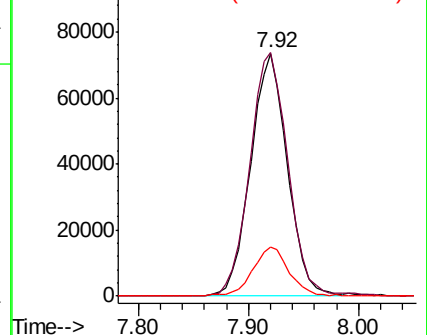
192 20.1 17.0 25.4

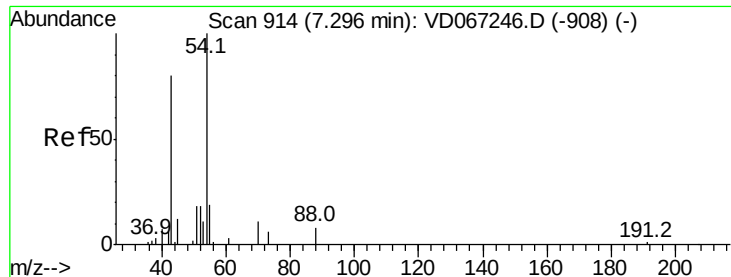


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

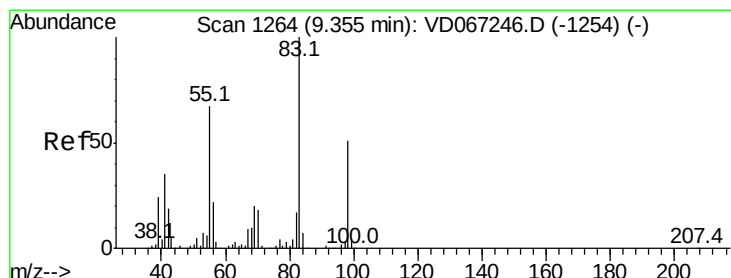
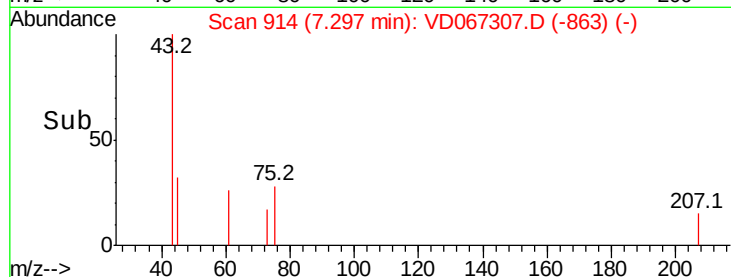
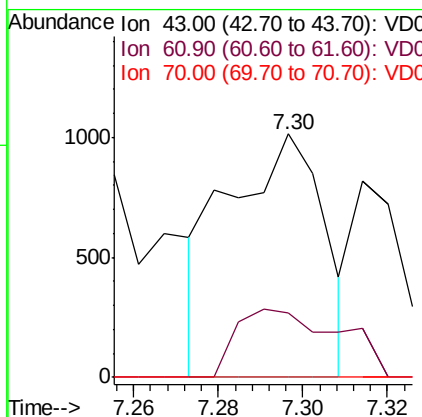
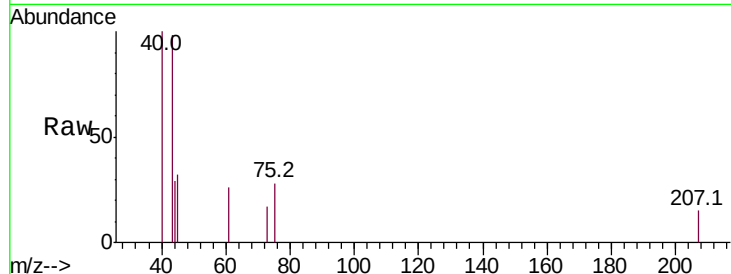




#37
Ethyl Acetate
Concen: 1.175 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

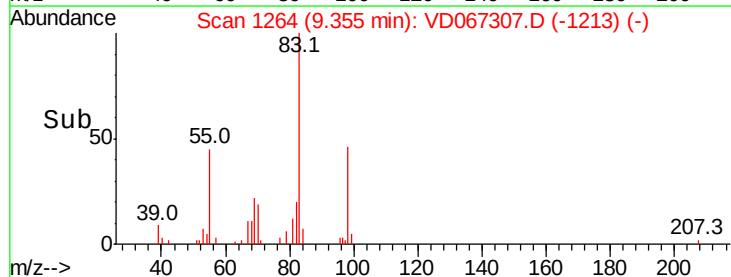
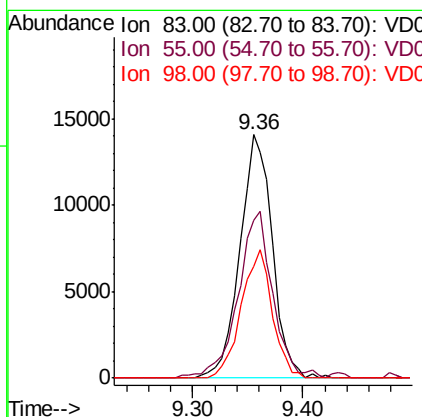
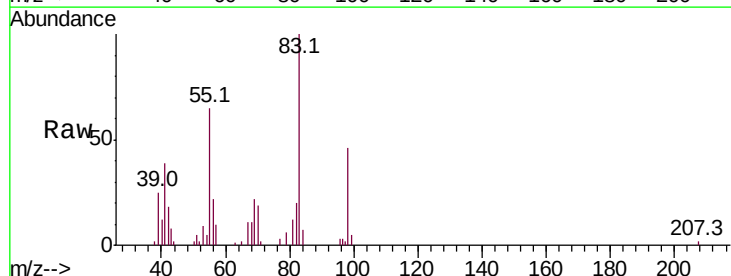
Instrument :
MSVOA_D
ClientSampleId :
40978-S

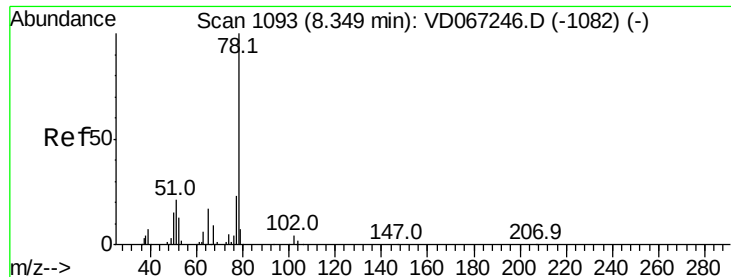
Tot Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
61 29.7 15.6 23.4#
70 0.0 10.4 15.6#



#39
Methylcyclohexane
Concen: 5.938 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion: 83 Resp: 29027
Ion Ratio Lower Upper
83 100
55 63.4 53.3 79.9
98 46.0 41.0 61.4





#40

Benzene

Concen: 10.731 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

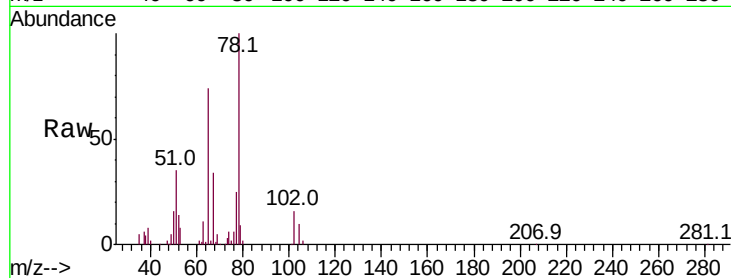
40978-S

Tot Ion: 78 Resp: 137657

Ion Ratio Lower Upper

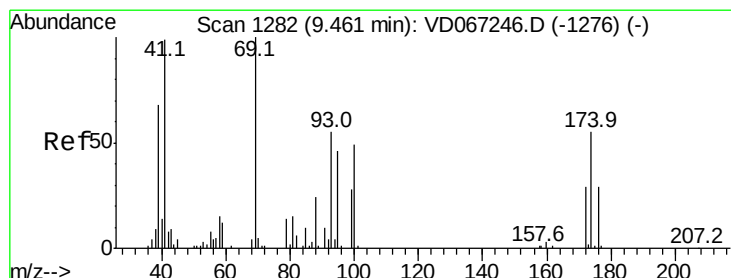
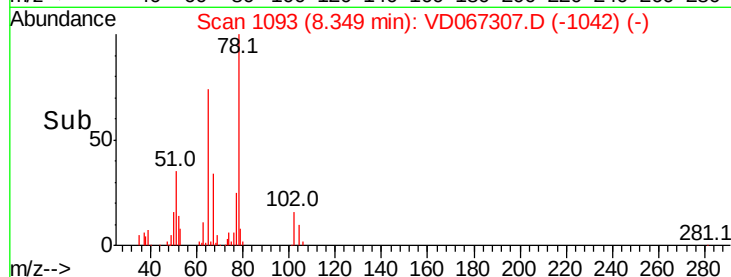
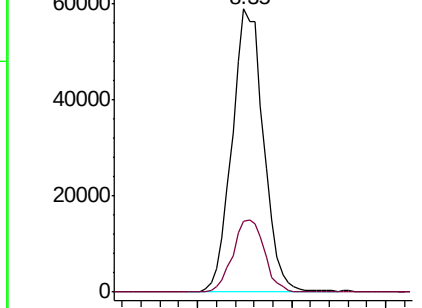
78 100

77 25.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC



#48

Methyl methacrylate

Concen: 2.187 ug/l

RT: 9.54 min Scan# 1296

Delta R.T. 0.08 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

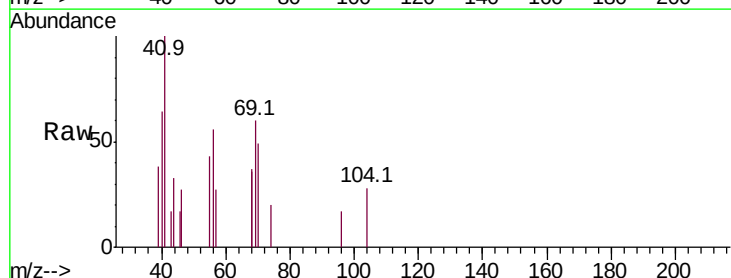
Tgt Ion: 41 Resp: 2902

Ion Ratio Lower Upper

41 100

69 46.3 89.0 133.6#

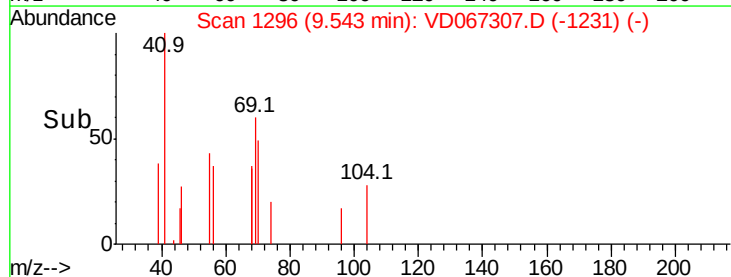
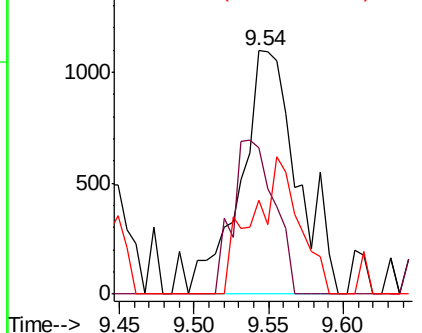
39 46.8 60.2 90.2#

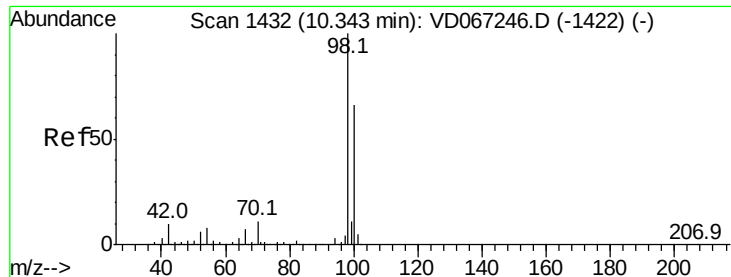


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

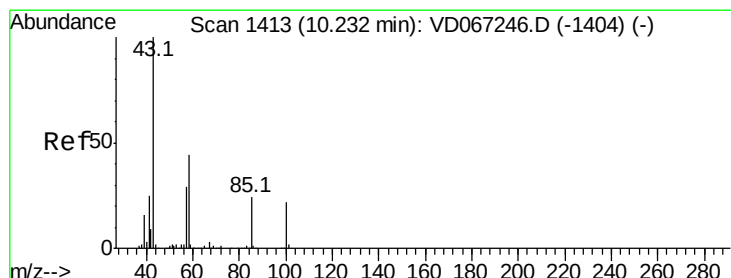
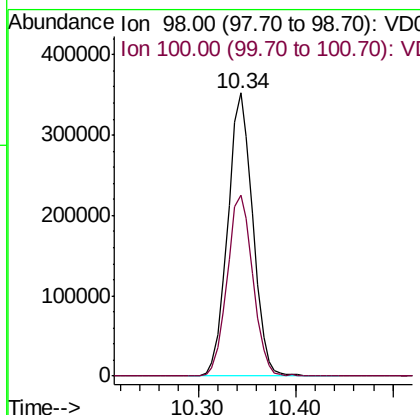
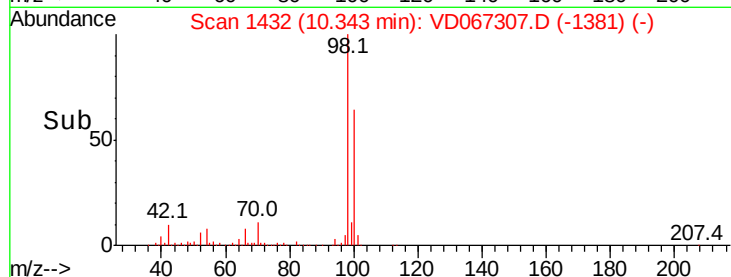
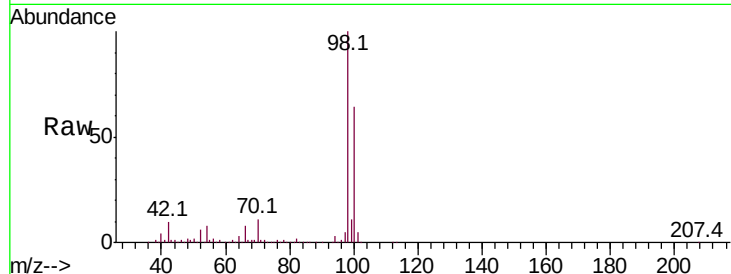




#50
Toluene-d8
Concen: 47.214 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

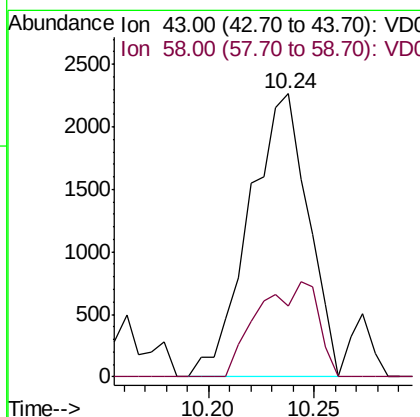
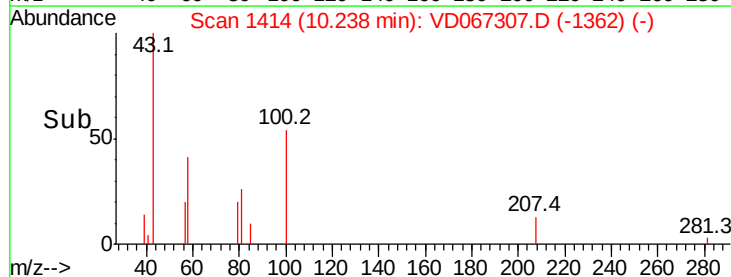
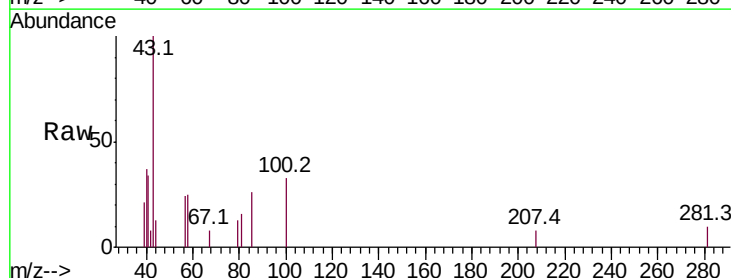
Instrument :
MSVOA_D
ClientSampleId :
40978-S

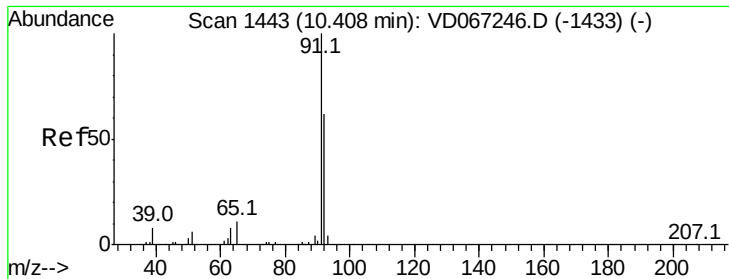
Tot Ion: 98 Resp: 627351
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 3.223 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.01 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
58 34.2 35.7 53.5#





#52

Toluene

Concen: 29.215 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

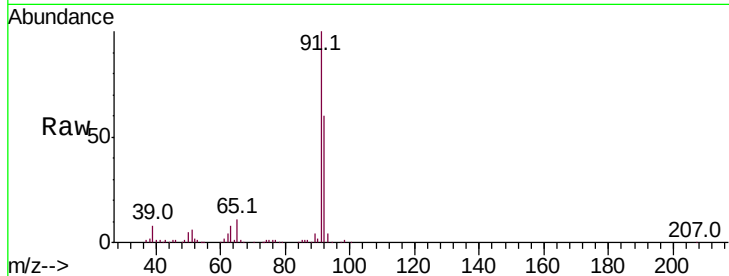
40978-S

Tot Ion: 92 Resp: 255262

Ion Ratio Lower Upper

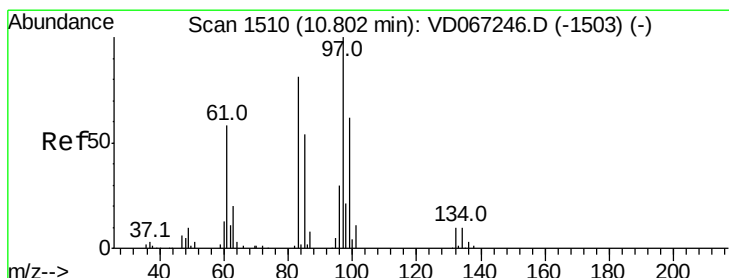
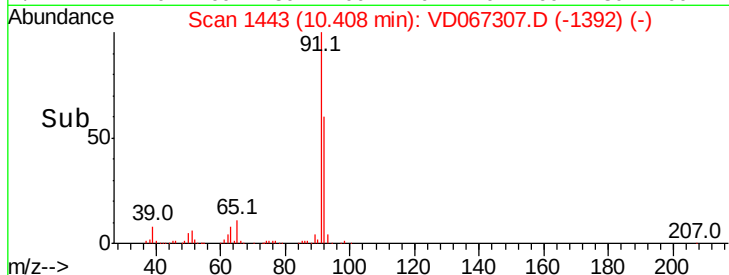
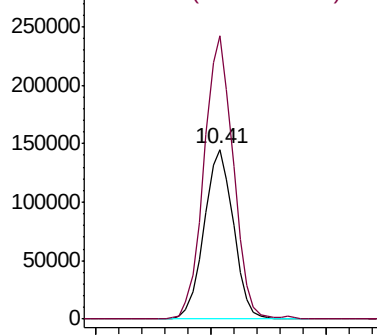
92 100

91 167.5 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#55

1,1,2-Trichloroethane

Concen: 1.095 ug/l

RT: 10.77 min Scan# 1504

Delta R.T. -0.04 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Tgt Ion: 97 Resp: 2765

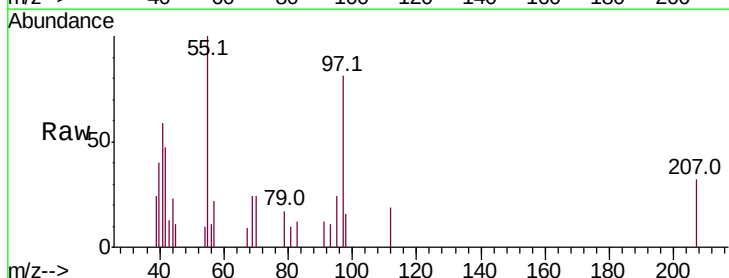
Ion Ratio Lower Upper

97 100

83 14.4 64.9 97.3#

85 0.0 43.3 64.9#

99 0.0 49.1 73.7#

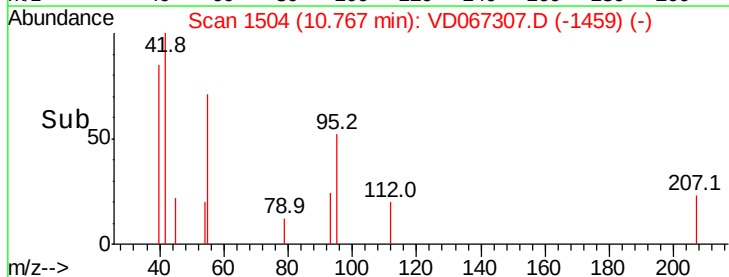
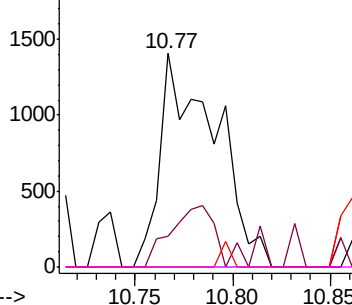


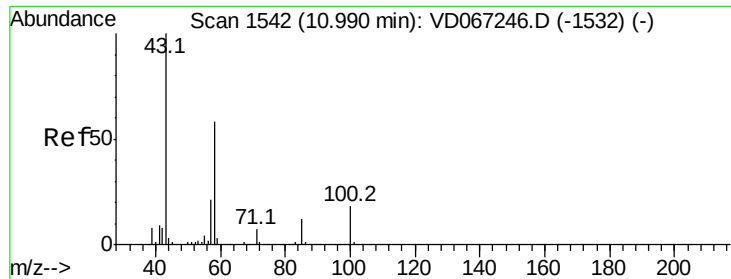
Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

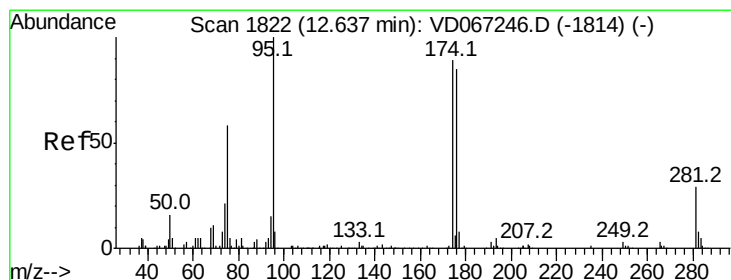
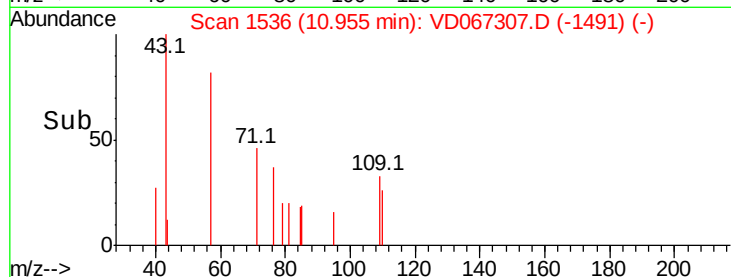
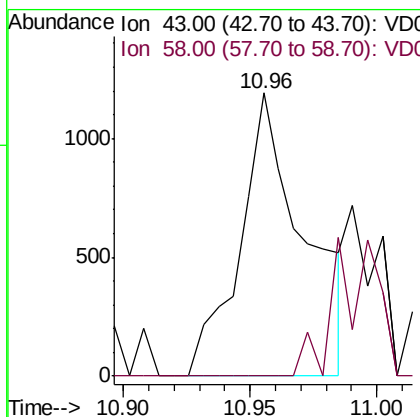
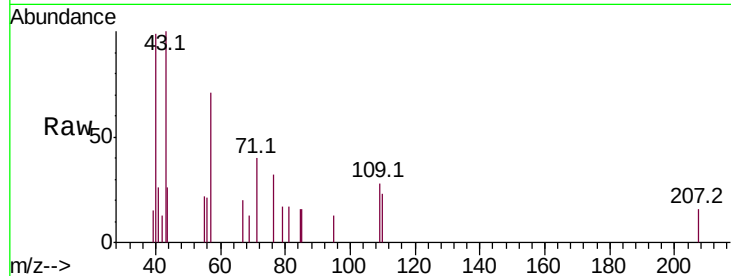




#59
2-Hexanone
Concen: 2.238 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

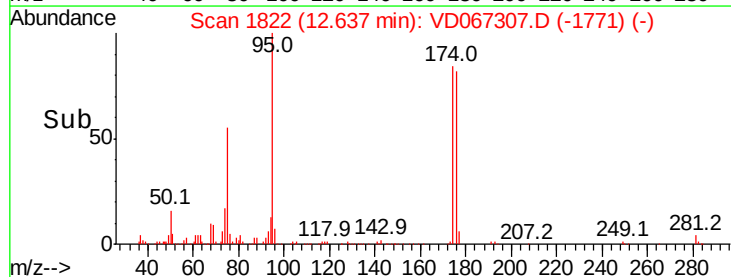
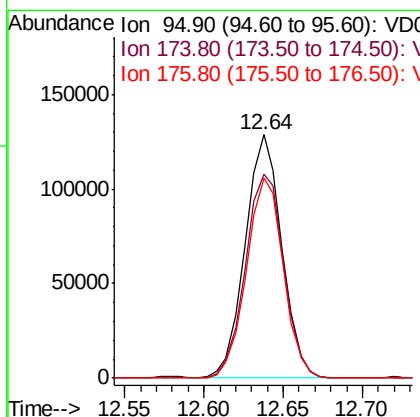
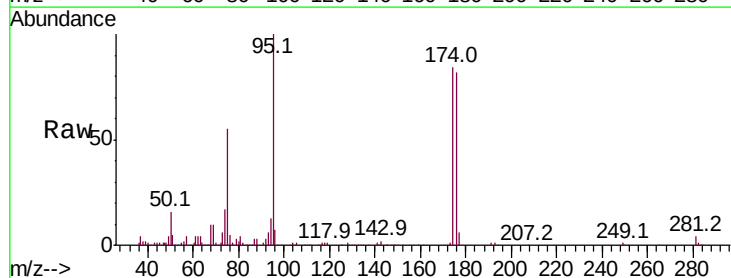
Instrument :
MSVOA_D
ClientSampleId :
40978-S

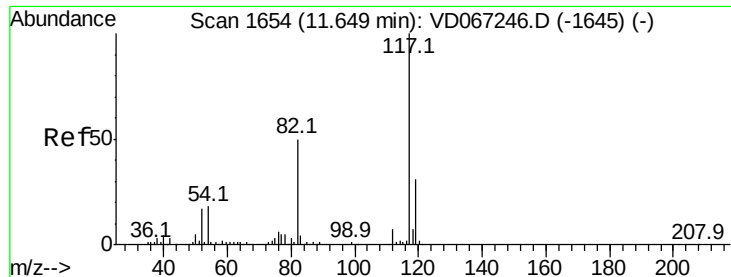
Tot Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
58 0.0 29.3 87.9#



#62
4-Bromofluorobenzene
Concen: 44.660 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion: 95 Resp: 206341
Ion Ratio Lower Upper
95 100
174 87.9 0.0 175.2
176 82.9 0.0 168.6

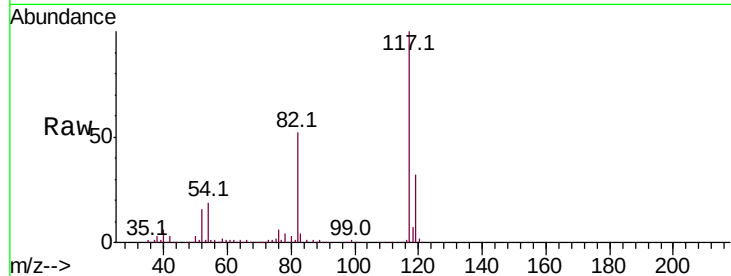




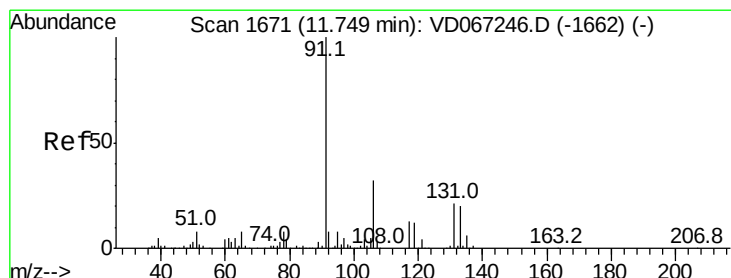
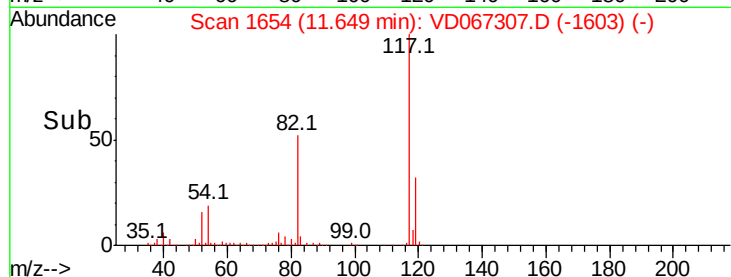
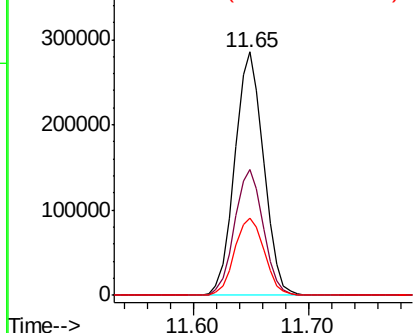
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
40978-S

Tot Ion:117 Resp: 493149
Ion Ratio Lower Upper
117 100
82 51.7 39.9 59.9
119 31.8 24.9 37.3

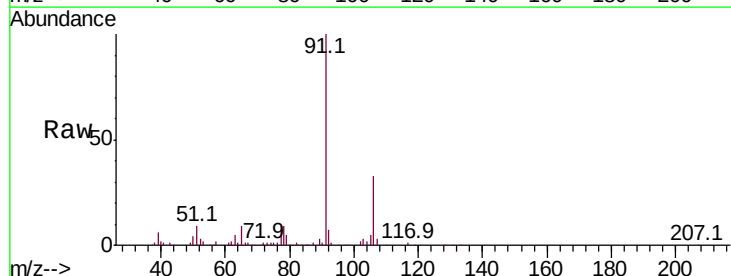


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VDC
Ion 118.90 (118.60 to 119.60): V

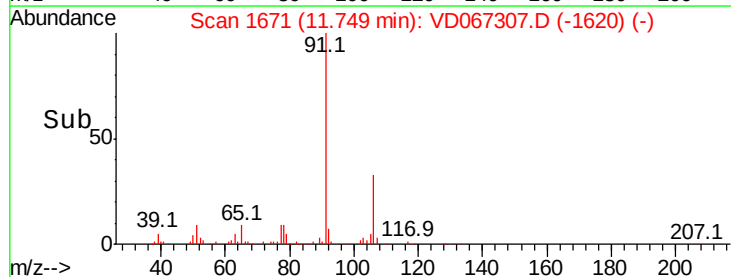
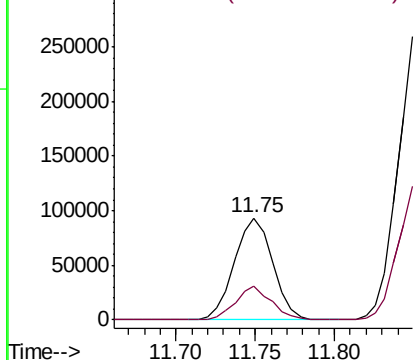


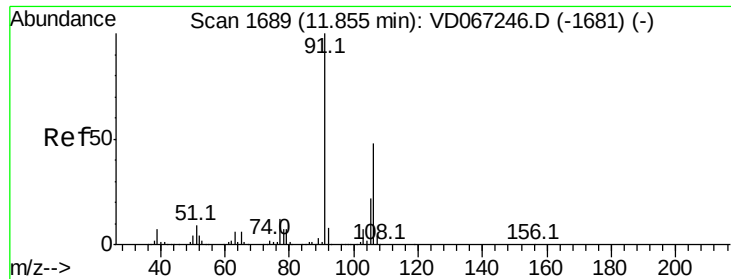
#67
Ethyl Benzene
Concen: 9.680 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion: 91 Resp: 156912
Ion Ratio Lower Upper
91 100
106 33.4 25.4 38.0



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

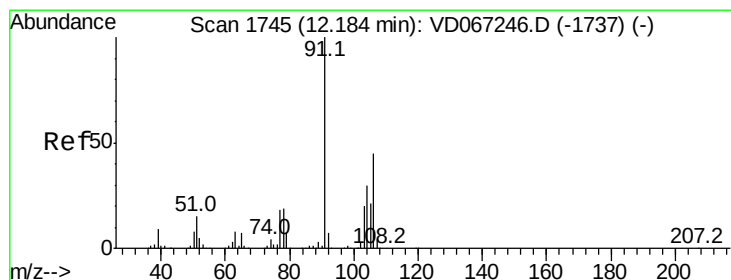
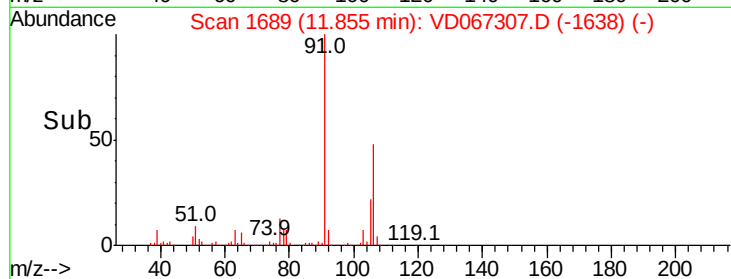
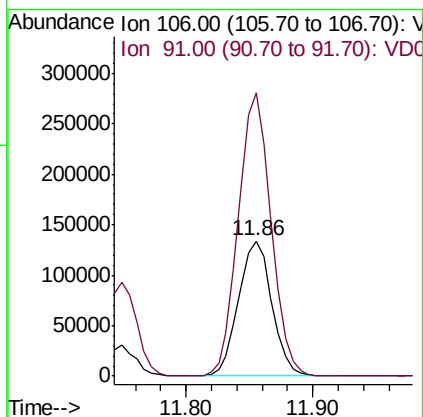
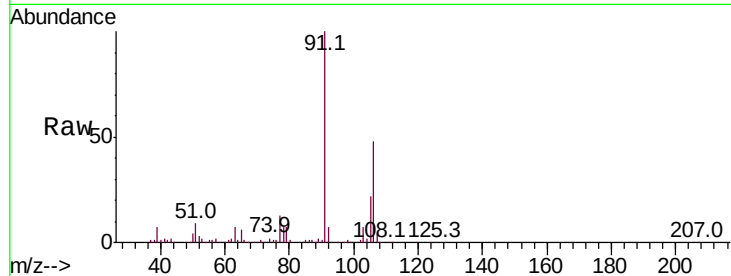




#68
m/p-Xylenes
Concen: 39.178 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

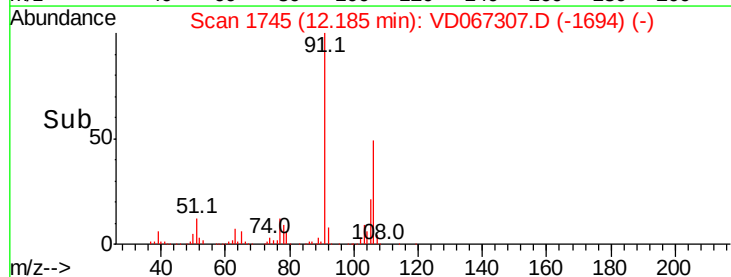
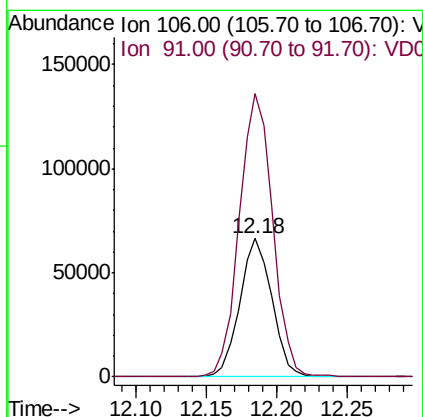
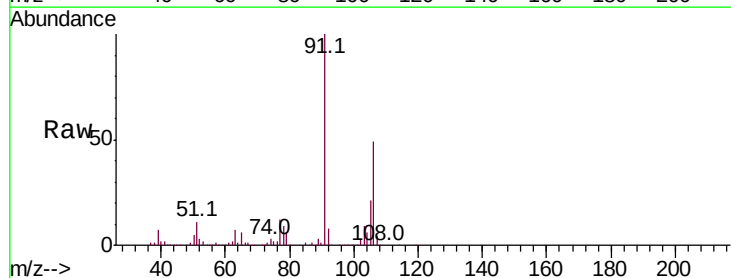
Instrument :
MSVOA_D
ClientSampleId :
40978-S

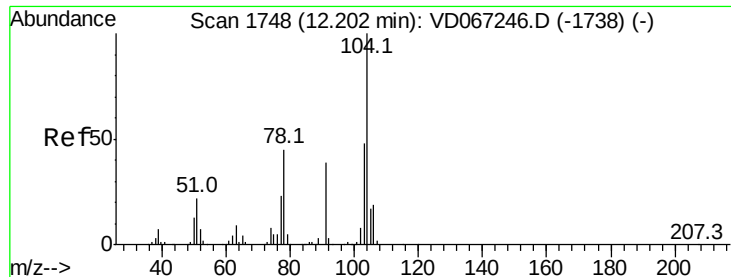
Tot Ion:106 Resp: 244565
Ion Ratio Lower Upper
106 100
91 206.0 163.8 245.8



#69
o-Xylene
Concen: 18.375 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion:106 Resp: 106219
Ion Ratio Lower Upper
106 100
91 211.8 109.1 327.3

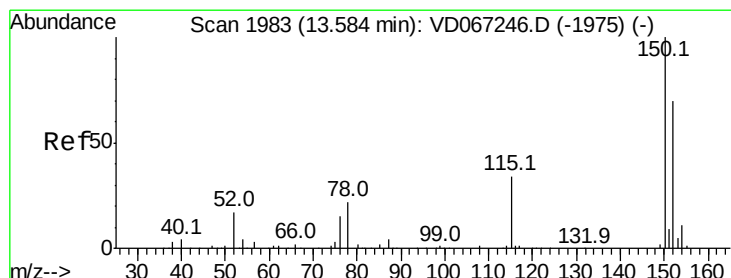
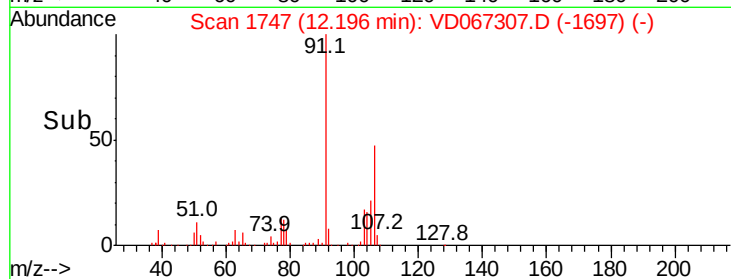
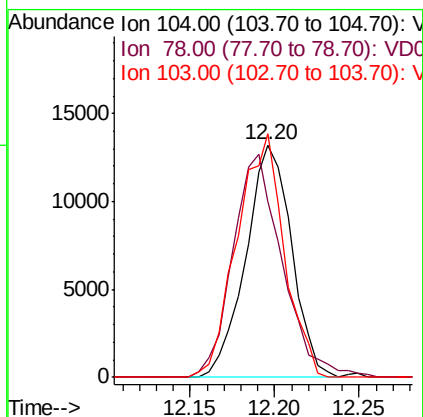
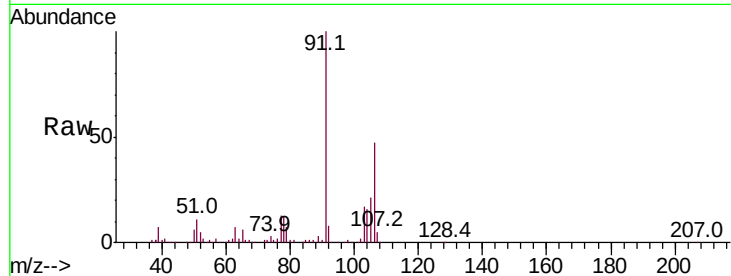




#70
Stvrene
Concen: 2.495 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

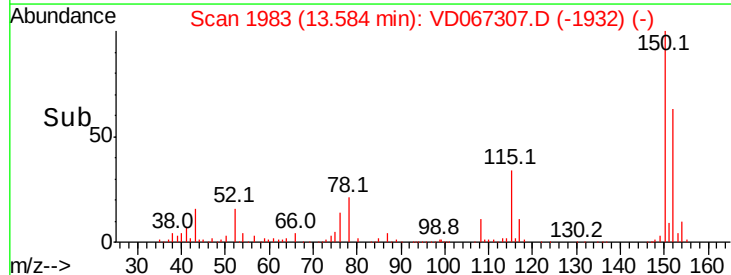
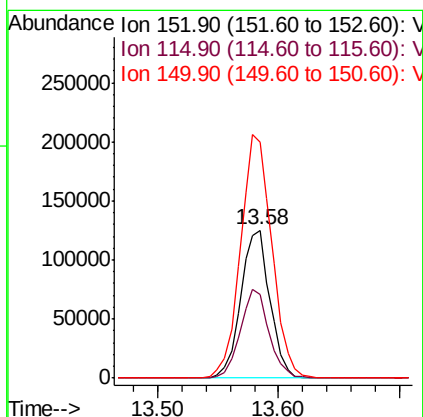
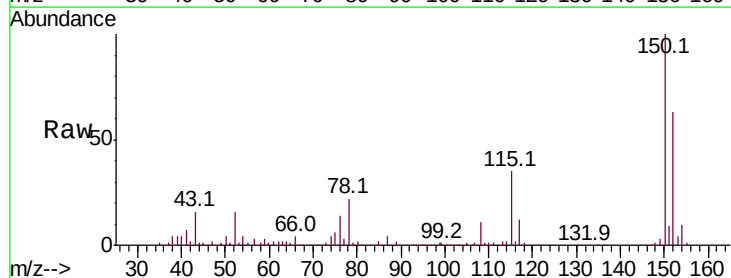
Instrument :
MSVOA_D
ClientSampleId :
40978-S

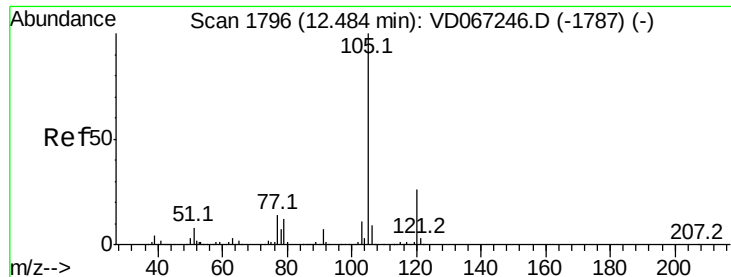
Tot Ion:104 Resp: 24823
Ion Ratio Lower Upper
104 100
78 104.3 39.8 59.6#
103 107.8 42.6 64.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion:152 Resp: 209353
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.9
150 177.5 0.0 339.0





#73

Isopropylbenzene

Concen: 1.543 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampled :

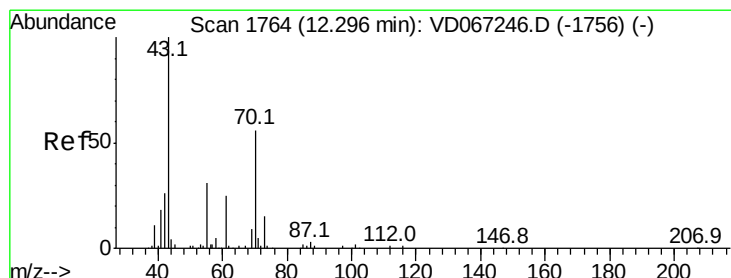
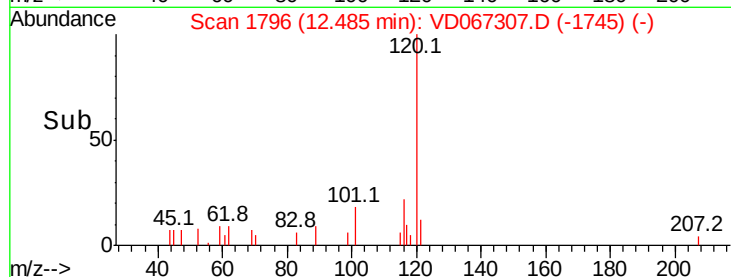
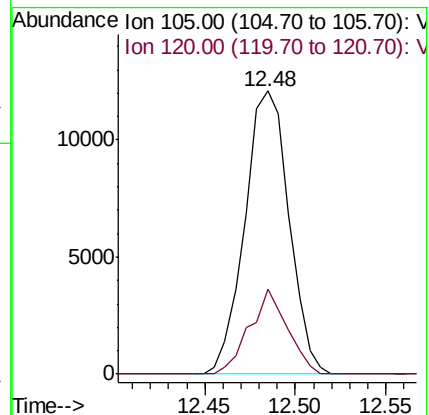
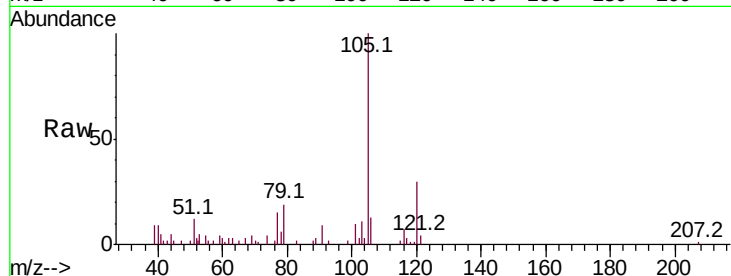
40978-S

Tot Ion:105 Resp: 20502

Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.8



#74

N-ethyl acetate

Concen: 17.974 ug/l

RT: 12.23 min Scan# 1753

Delta R.T. -0.06 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Tgt Ion: 43 Resp: 36069

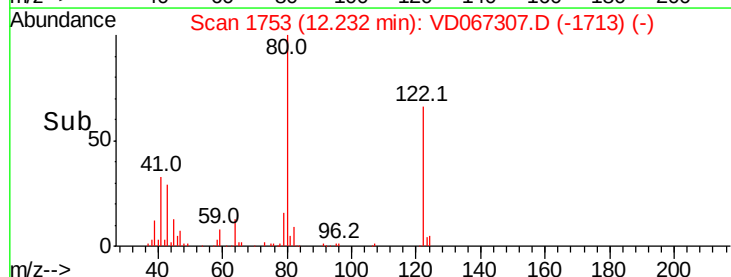
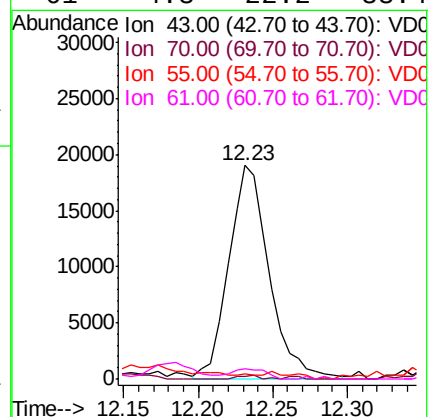
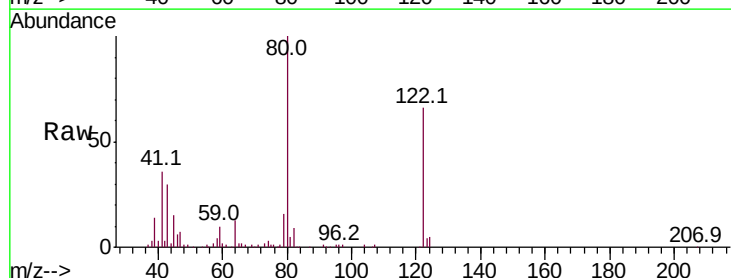
Ion Ratio Lower Upper

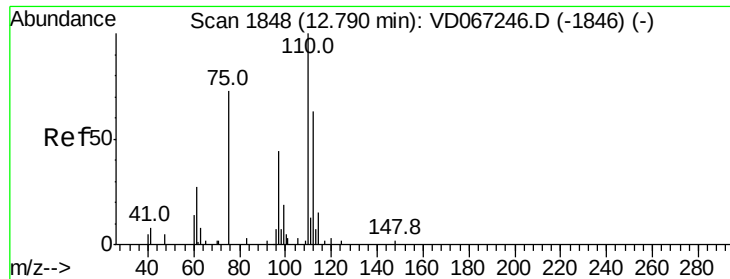
43 100

70 1.0 42.7 64.1#

55 2.7 24.0 36.0#

61 4.3 22.2 33.4#





#76

1,2,3-Trichloropropane

Concen: 75.035 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

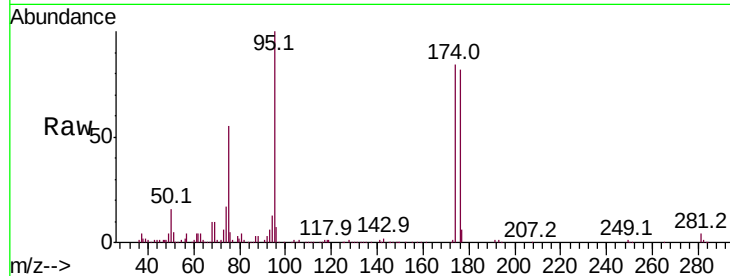
40978-S

Tot Ion: 75 Resp: 108877

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

80000

60000

40000

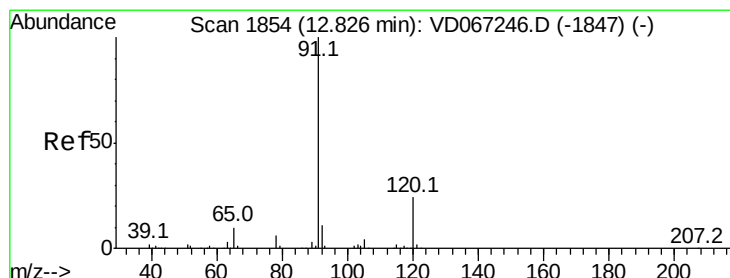
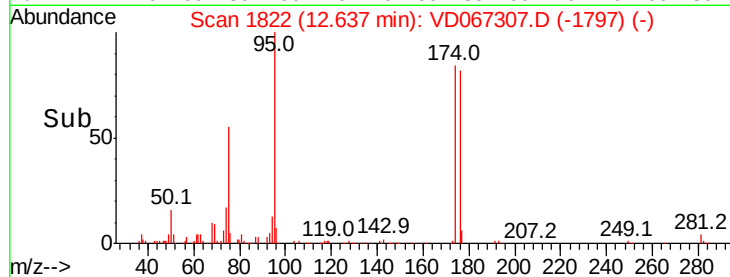
20000

0

Time-->

12.60

12.70



#78

n-propylbenzene

Concen: 2.596 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067307.D

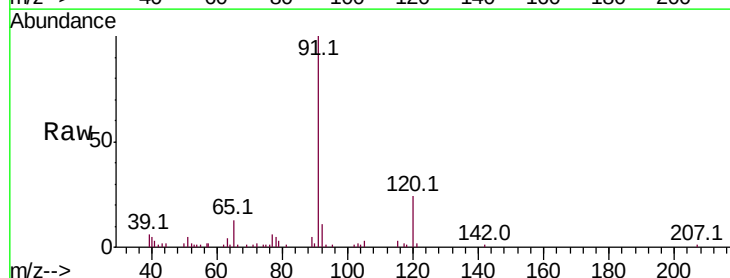
Acq: 19 Oct 2020 14:24

Tgt Ion: 91 Resp: 39958

Ion Ratio Lower Upper

91 100

120 26.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

12.83

25000

20000

15000

10000

5000

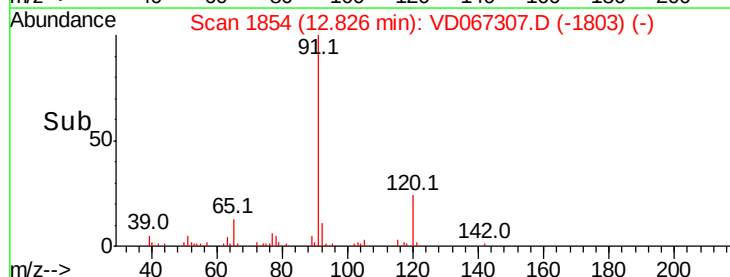
0

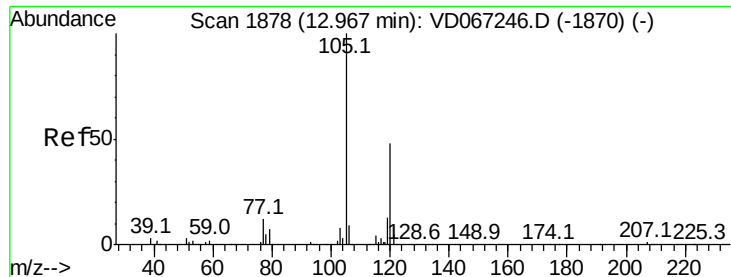
Time-->

12.75

12.80

12.85





#80

1,3,5-Trimethylbenzene

Concen: 5.522 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

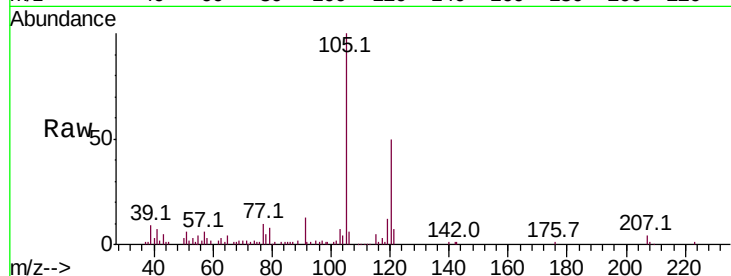
40978-S

Tot Ion:105 Resp: 63763

Ion Ratio Lower Upper

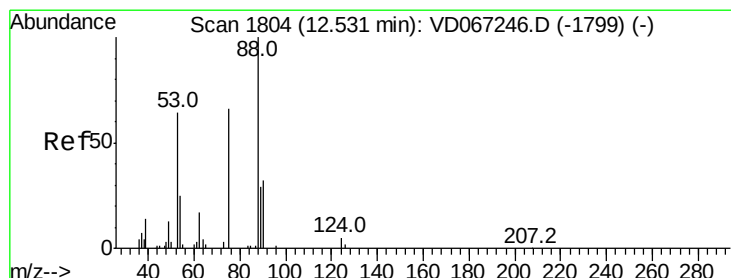
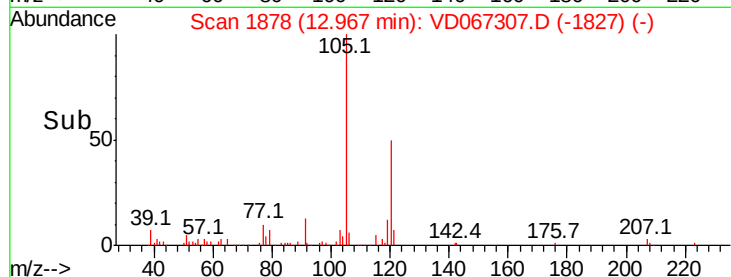
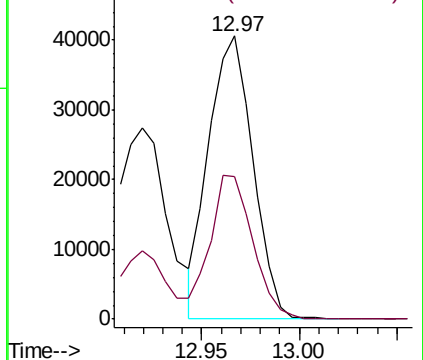
105 100

120 48.8 24.3 72.8



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: 170.157 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

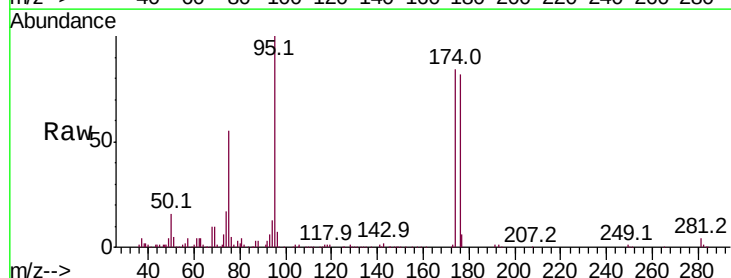
Tgt Ion: 75 Resp: 108877

Ion Ratio Lower Upper

75 100

53 0.4 78.5 117.7#

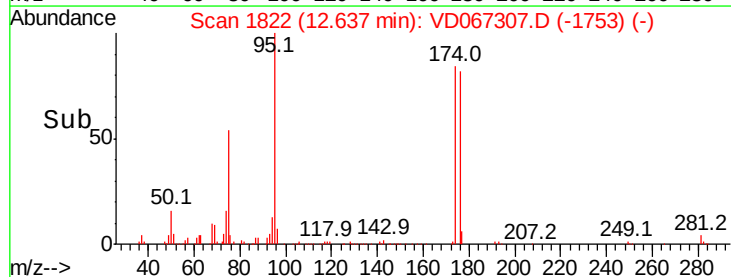
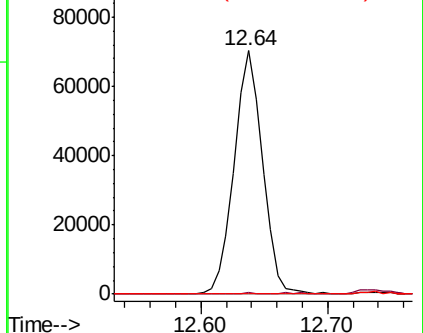
89 0.0 39.9 59.9#

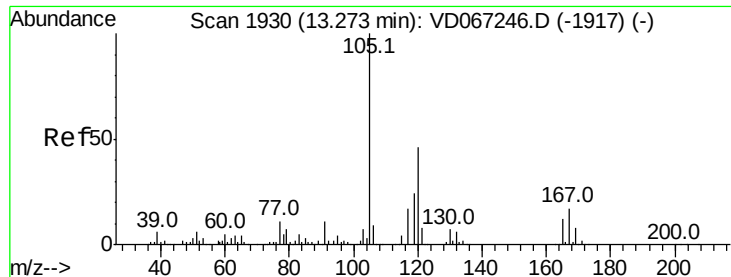


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#84

1,2,4-Trimethylbenzene

Concen: 10.691 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

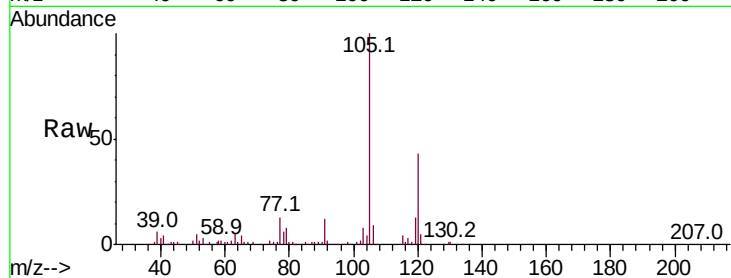
40978-S

Tot Ion:105 Resp: 122011

Ion Ratio Lower Upper

105 100

120 46.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

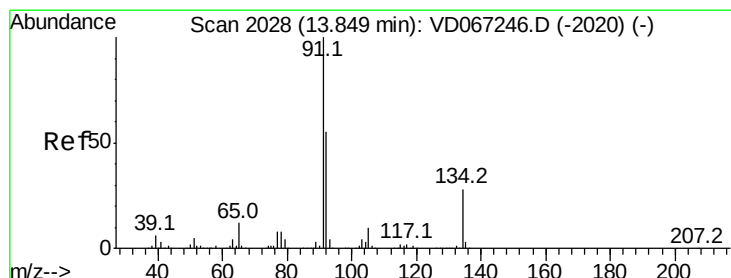
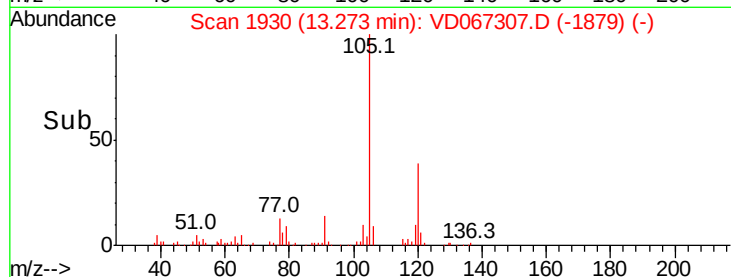
40000

20000

0

13.20 13.25 13.30 13.35

Time-->



#89

n-Butylbenzene

Concen: 1.180 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067307.D

Acq: 19 Oct 2020 14:24

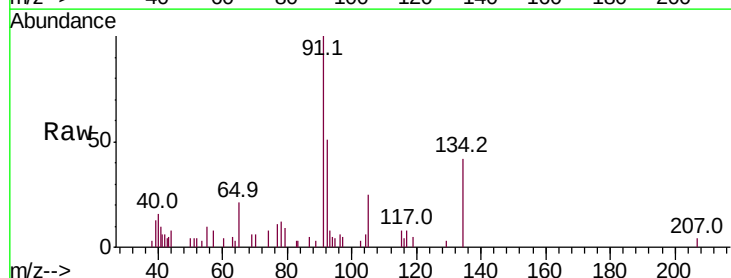
Tgt Ion: 91 Resp: 13116

Ion Ratio Lower Upper

91 100

92 36.7 26.7 80.0

134 0.0 14.2 42.6#



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

6000

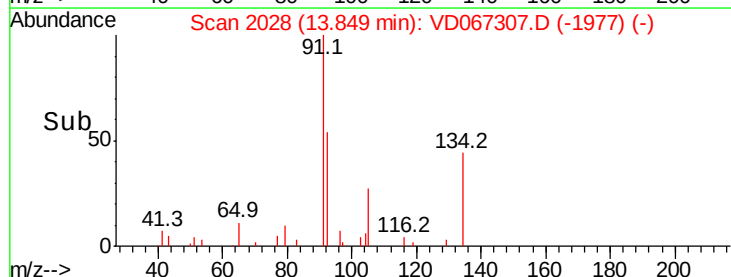
4000

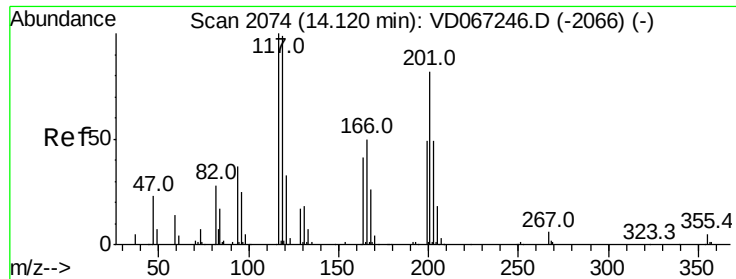
2000

0

13.80 13.85 13.90

Time-->

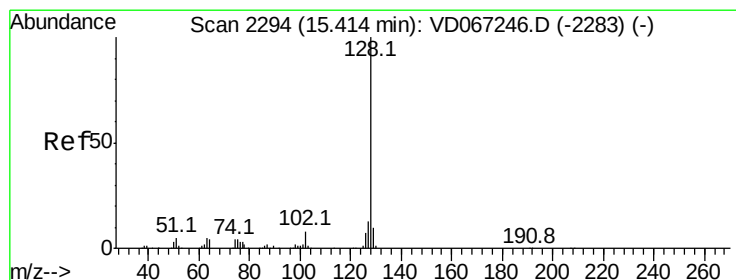
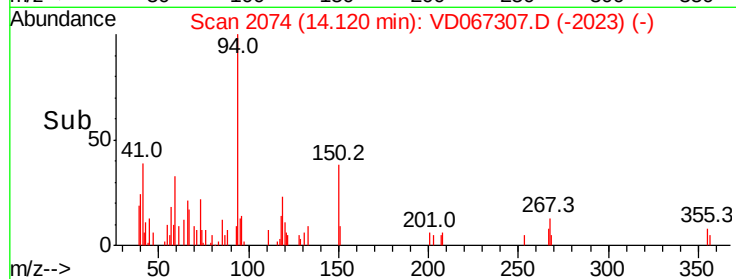
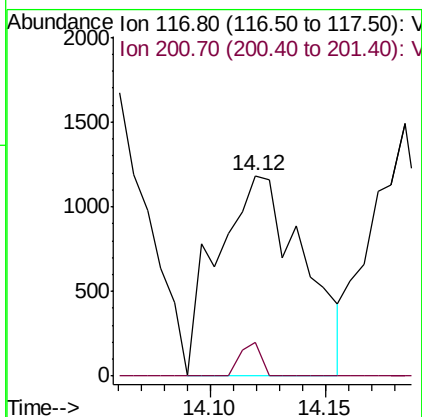
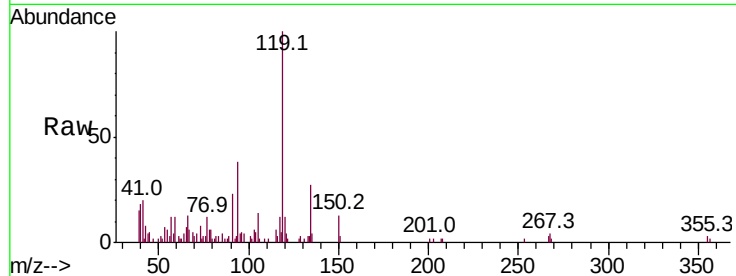




#90
Hexachloroethane
Concen: 1.392 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
40978-S

Tot Ion:117 Resp: 3069
Ion Ratio Lower Upper
117 100
201 4.1 40.8 122.2#



#95
Naphthalene
Concen: 52.237 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067307.D
Acq: 19 Oct 2020 14:24

Tgt Ion:128 Resp: 322076
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.9 8.6 12.8

