

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120920\
 Data File : VD067921.D
 Acq On : 09 Dec 2020 12:04
 Operator : VA/SY
 Sample : L4977-01
 Misc : 5.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11976

Quant Time: Dec 10 02:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	7992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	10488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	10097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	4314	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	5089	59.31	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.62%
35) Dibromofluoromethane	7.93	113	2781	39.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.26%
50) Toluene-d8	10.34	98	12138	48.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.10%
62) 4-Bromofluorobenzene	12.64	95	3657	41.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.74%

Target Compounds

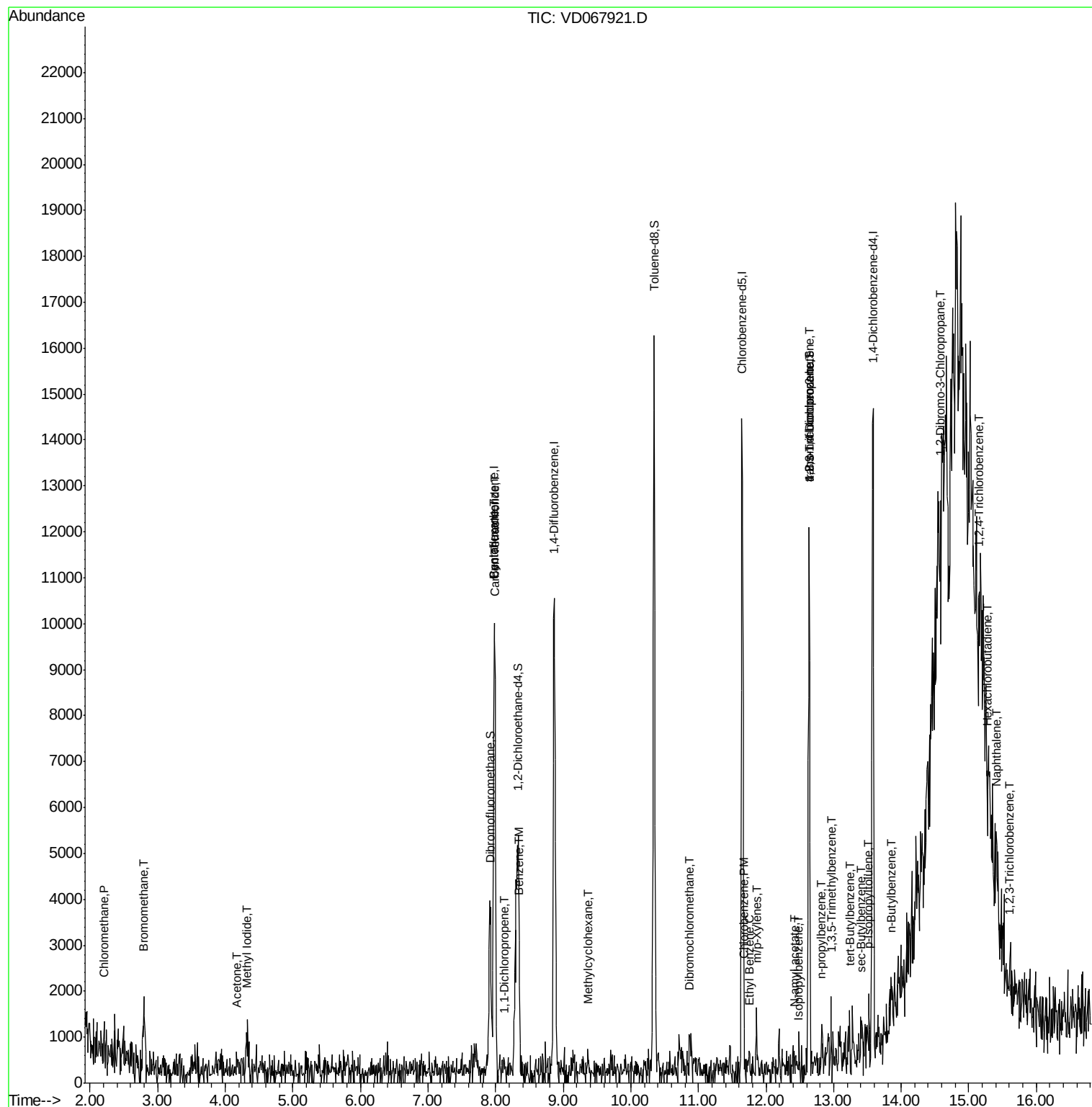
					Qvalue	
3) Chloromethane	2.21	50	320	7.972	ug/l	92
5) Bromomethane	2.79	94	965	21.383	ug/l	97
10) Methyl Iodide	4.31	142	994	13.294	ug/l #	58
16) Acetone	4.17	43	77	7.263	ug/l #	47
20) Methylene Chloride	4.96	84	127	Below Cal	#	16
31) Cyclohexane	7.99	56	186	2.058	ug/l #	4
36) 1,1-Dichloropropene	8.11	75	266	2.930	ug/l #	39
38) Carbon Tetrachloride	7.99	117	770	5.605	ug/l #	10
39) Methylcyclohexane	9.36	83	144	1.338	ug/l #	21
40) Benzene	8.36	78	458	1.844	ug/l #	51
60) Dibromochloromethane	10.87	129	122	1.668	ug/l #	10
65) Chlorobenzene	11.68	112	350	1.680	ug/l #	43
67) Ethyl Benzene	11.76	91	510	1.437	ug/l #	42
68) m/p-Xylenes	11.86	106	367	2.622	ug/l	98
73) Isopropylbenzene	12.47	105	607	2.046	ug/l #	47
74) N-amyl acetate	12.42	43	60	1.635	ug/l #	35
76) 1,2,3-Trichloropropane	12.64	75	2008	63.917	ug/l #	1
78) n-propylbenzene	12.83	91	734	2.232	ug/l #	50
80) 1,3,5-Trimethylbenzene	12.96	105	478	1.861	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.64	75	2008	152.895	ug/l #	7
83) tert-Butylbenzene	13.23	119	503	2.301	ug/l #	36
85) sec-Butylbenzene	13.41	105	422	1.447	ug/l	90
86) p-Isopropyltoluene	13.52	119	479	1.675	ug/l #	49
89) n-Butylbenzene	13.85	91	695	2.926	ug/l #	58
92) 1,2-Dibromo-3-Chloropropan	14.58	75	70	8.563	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.16	180	460	5.329	ug/l #	30
94) Hexachlorobutadiene	15.27	225	251	4.457	ug/l #	33
95) Naphthalene	15.40	128	1463	10.416	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.60	180	88	1.181	ug/l #	1

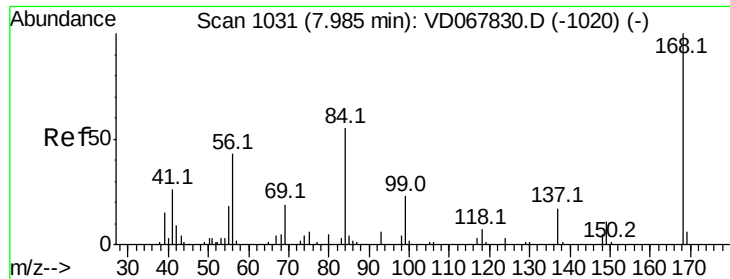
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

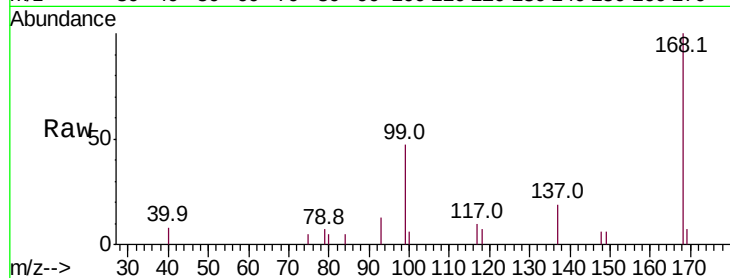
72-11976

Tot Ion:168 Resp: 7992

Ion Ratio Lower Upper

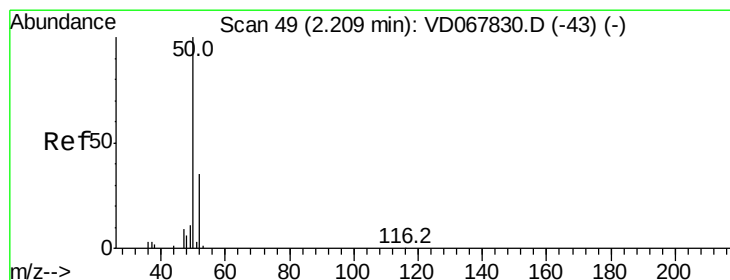
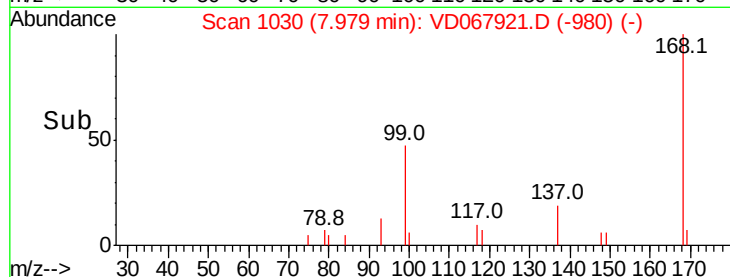
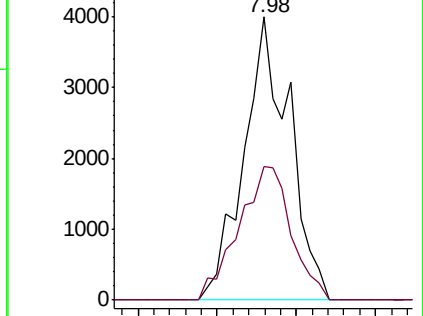
168 100

99 47.3 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 7.972 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067921.D

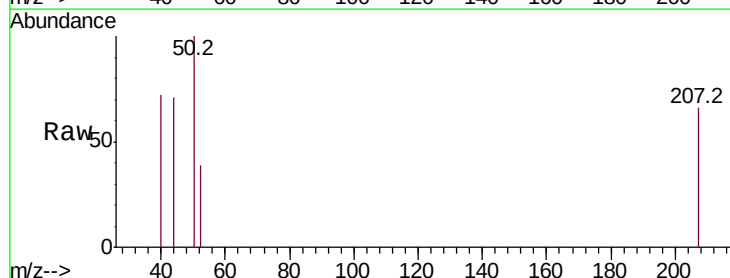
Acq: 09 Dec 2020 12:04

Tgt Ion: 50 Resp: 320

Ion Ratio Lower Upper

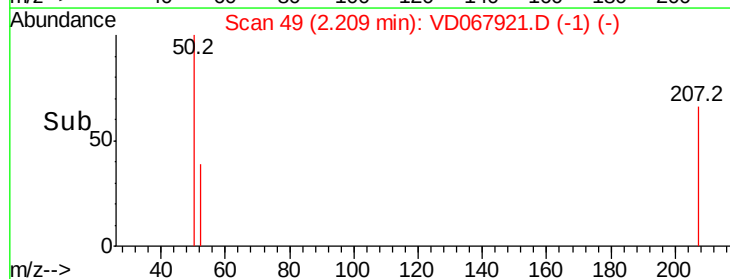
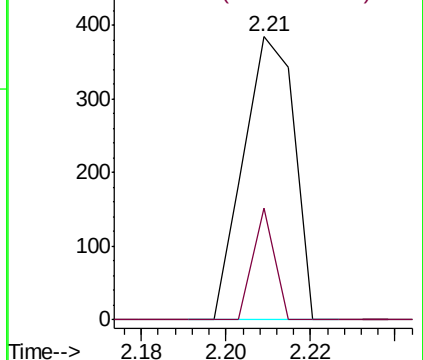
50 100

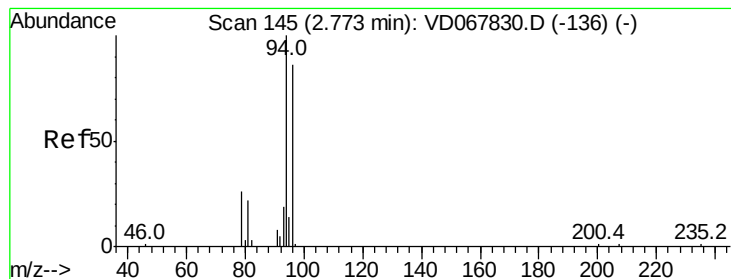
52 39.3 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 21.383 ug/l

RT: 2.79 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

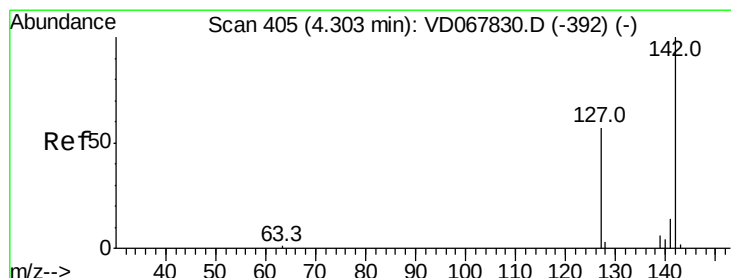
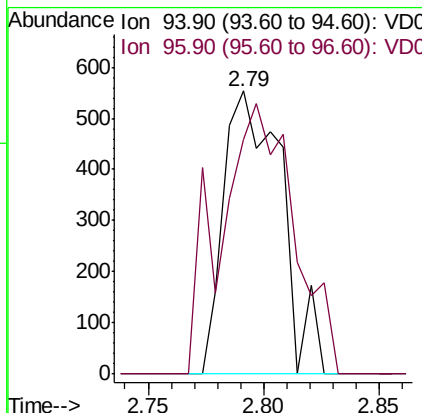
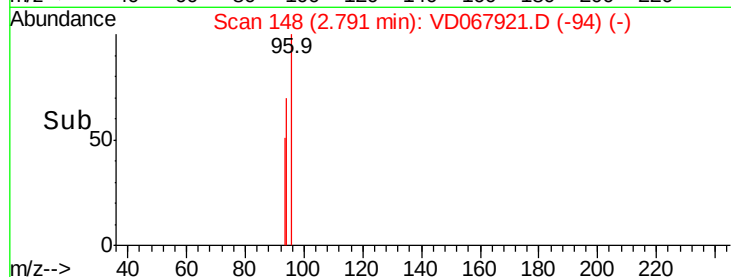
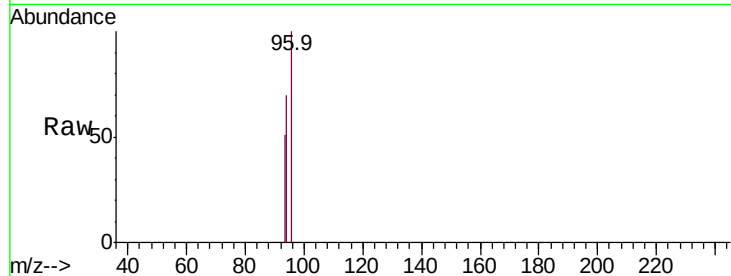
72-11976

Tot Ion: 94 Resp: 965

Ion Ratio Lower Upper

94 100

96 83.2 68.7 103.1



#10

Methyl Iodide

Concen: 13.294 ug/l

RT: 4.31 min Scan# 407

Delta R.T. 0.01 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

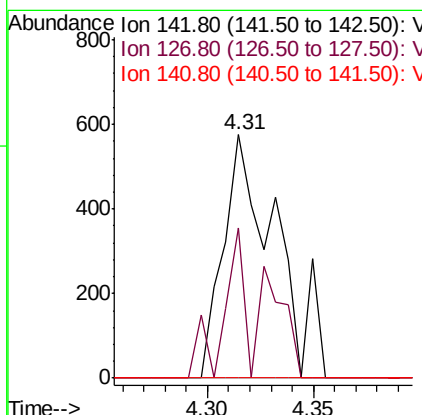
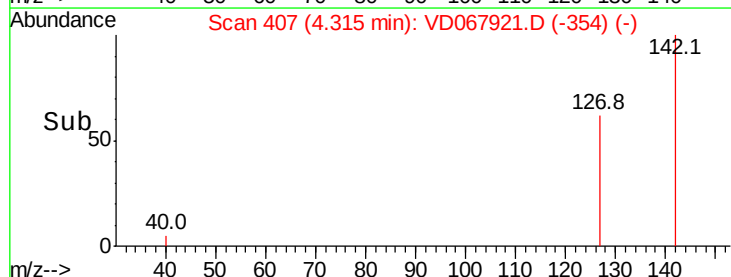
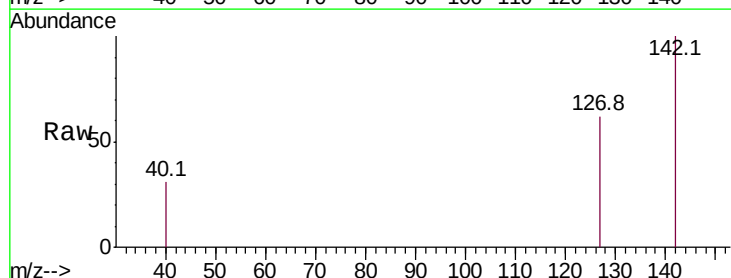
Tgt Ion: 142 Resp: 994

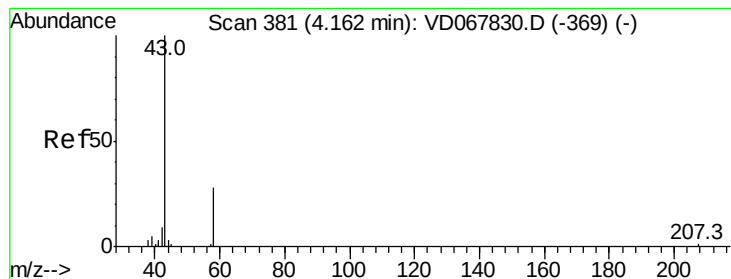
Ion Ratio Lower Upper

142 100

127 23.8 43.9 65.9#

141 0.0 12.2 18.2#





#16

Acetone

Concen: 7.263 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

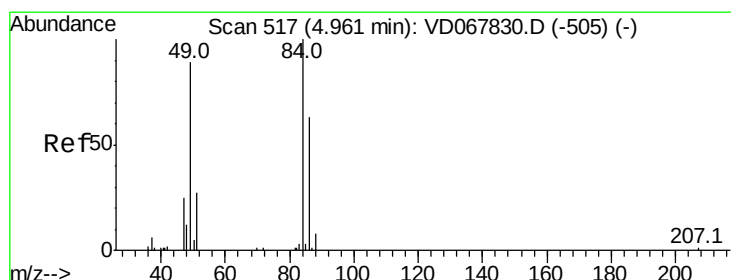
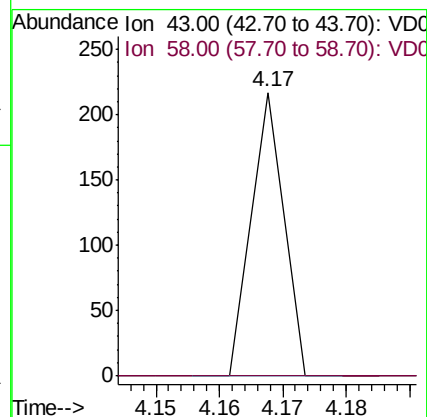
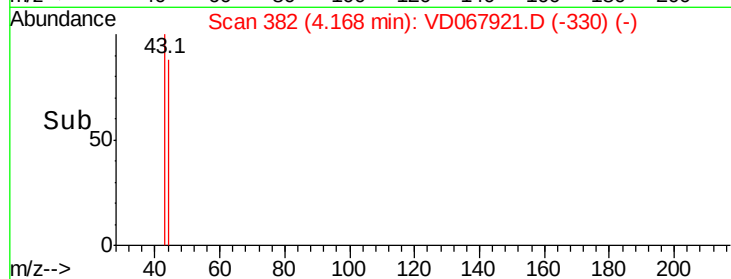
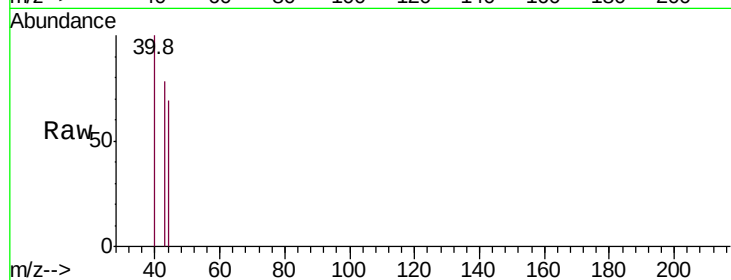
72-11976

Tot Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Tgt Ion: 84 Resp: 127

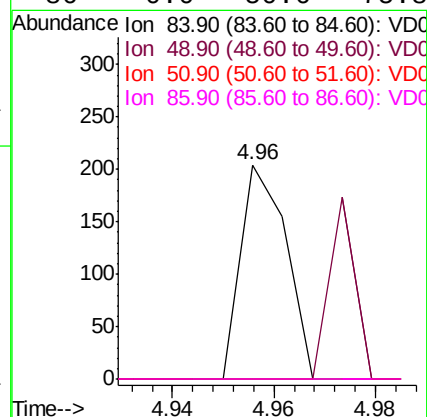
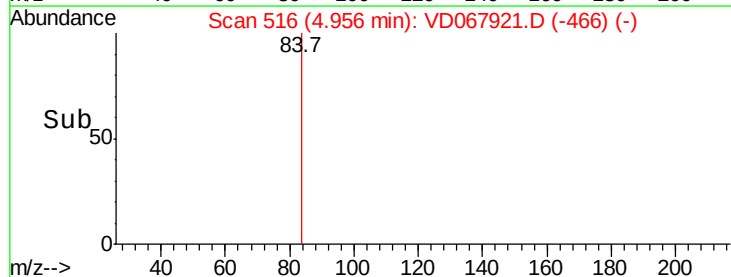
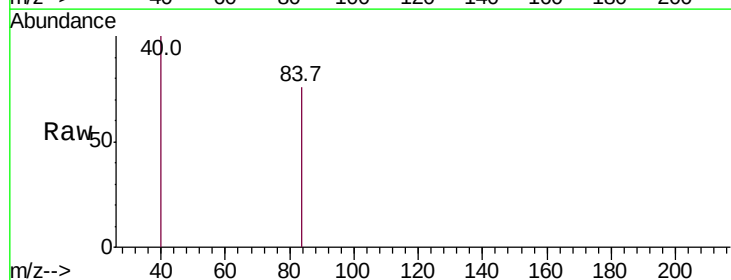
Ion Ratio Lower Upper

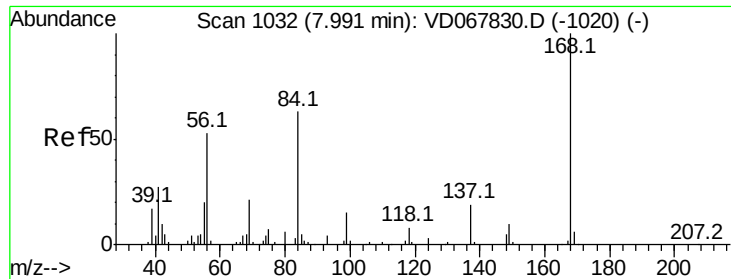
84 100

49 0.0 71.4 107.0#

51 0.0 21.8 32.8#

86 0.0 50.6 75.8#

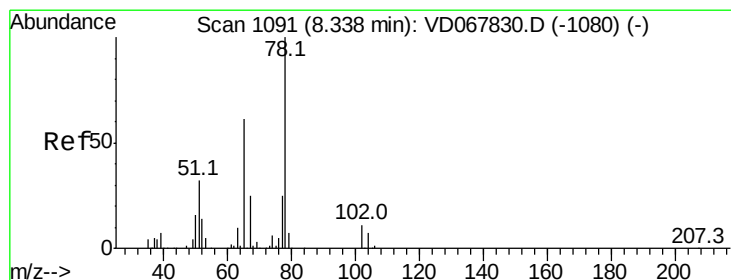
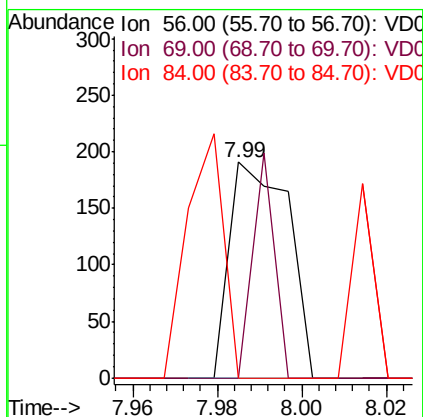
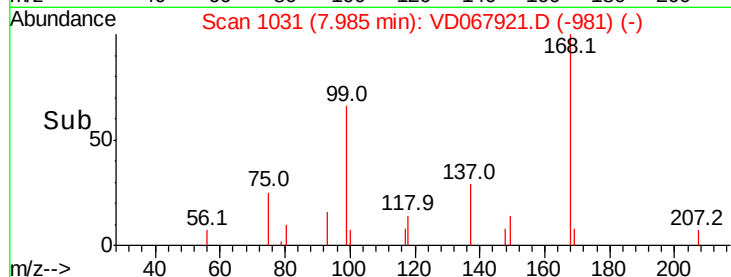
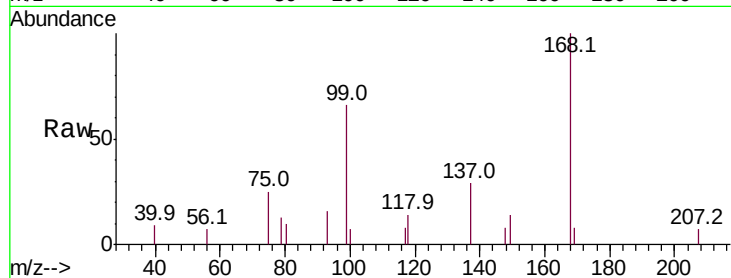




#31
Cyclohexane
Concen: 2.058 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

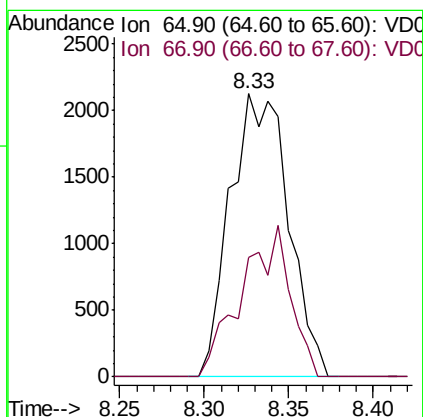
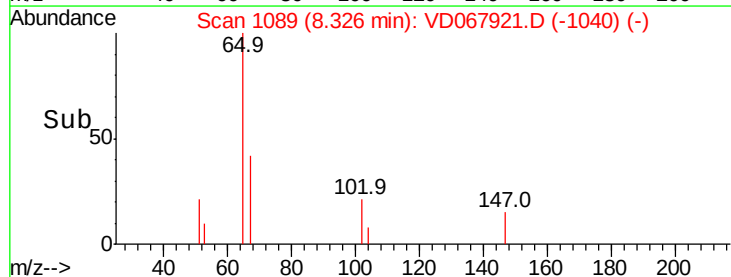
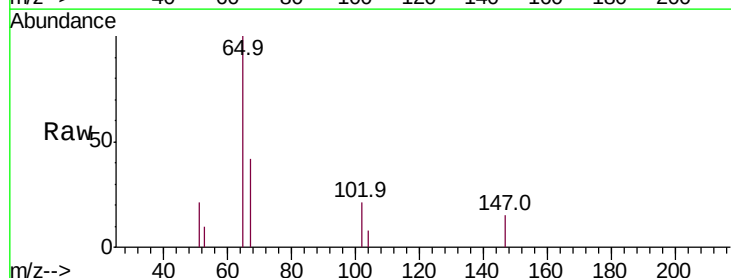
Instrument :
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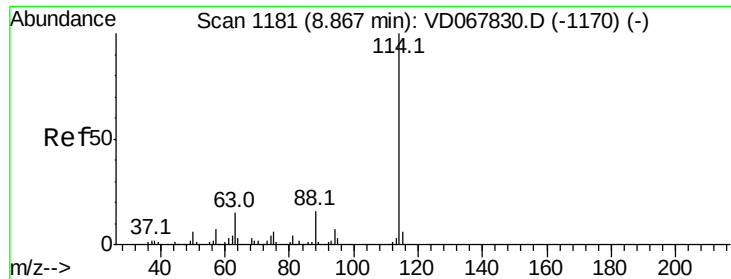
Tot Ion: 56 Resp: 186
Ion Ratio Lower Upper
56 100
69 0.0 32.1 48.1#
84 0.0 93.2 139.8#



#33
1,2-Dichloroethane-d4
Concen: 59.314 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Tgt Ion: 65 Resp: 5089
Ion Ratio Lower Upper
65 100
67 44.8 0.0 92.0

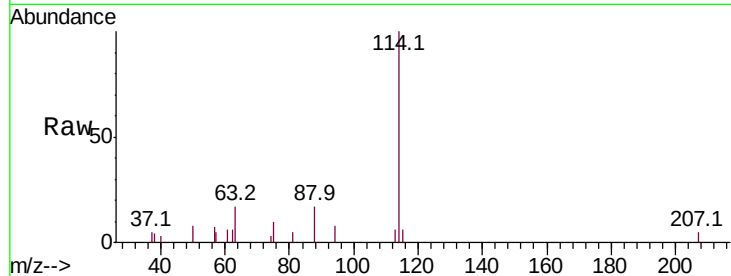




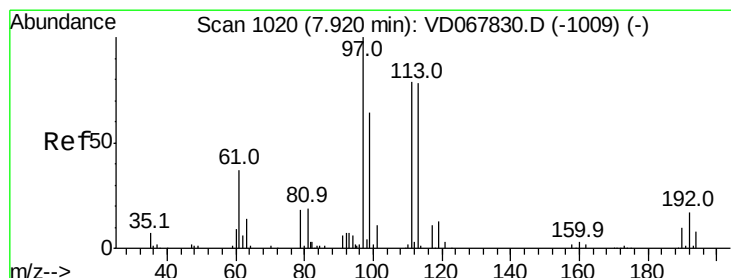
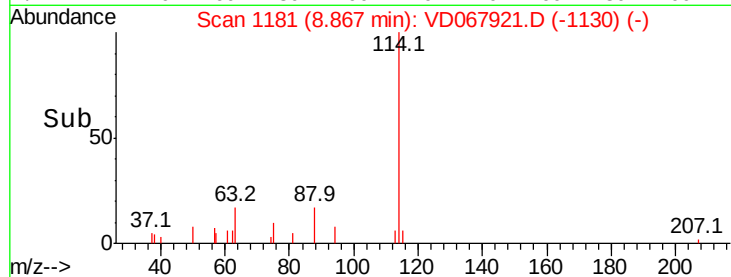
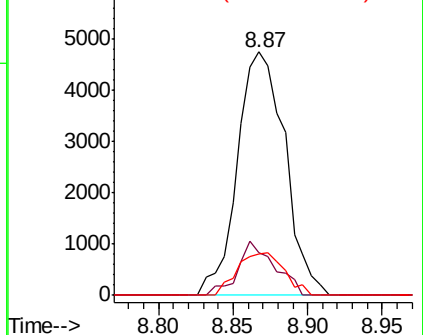
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067921.D
 Acq: 09 Dec 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11976

Tot Ion:114 Resp: 10488
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 30.8
 88 16.8 0.0 31.8

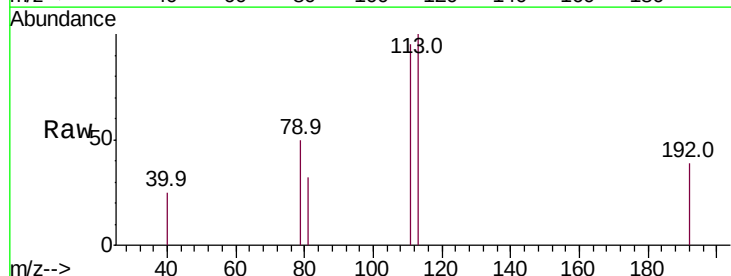


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

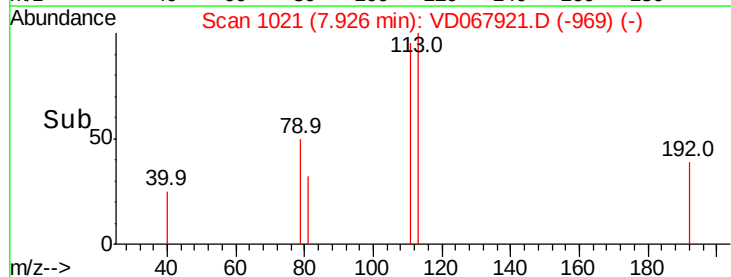
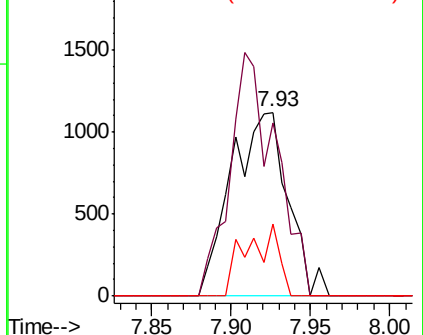


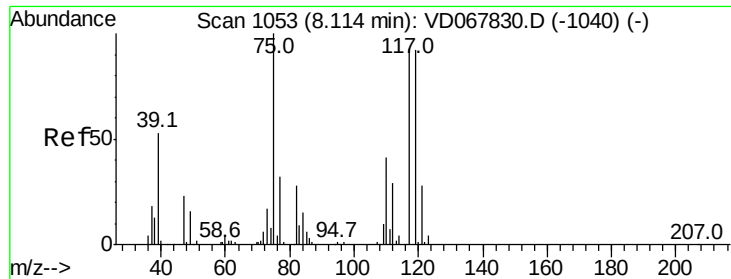
#35
 Dibromofluoromethane
 Concen: 39.627 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067921.D
 Acq: 09 Dec 2020 12:04

Tgt Ion:113 Resp: 2781
 Ion Ratio Lower Upper
 113 100
 111 107.7 81.2 121.8
 192 22.5 16.8 25.2



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: 2.930 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

72-11976

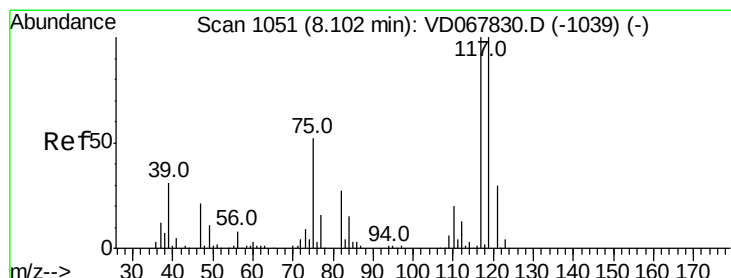
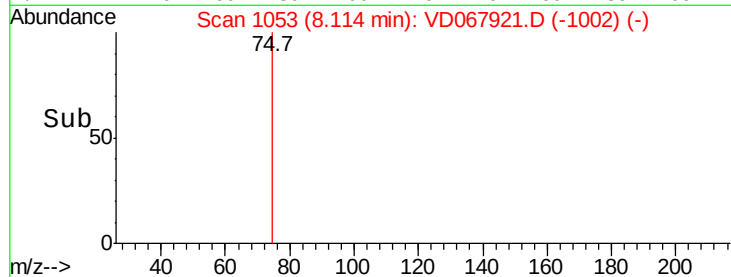
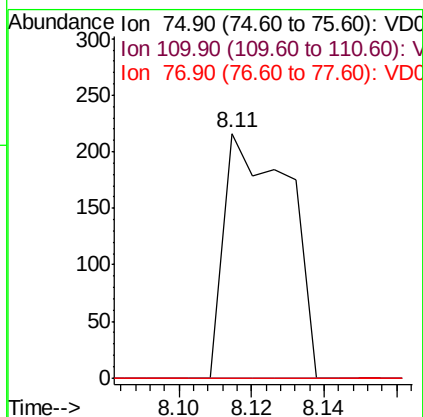
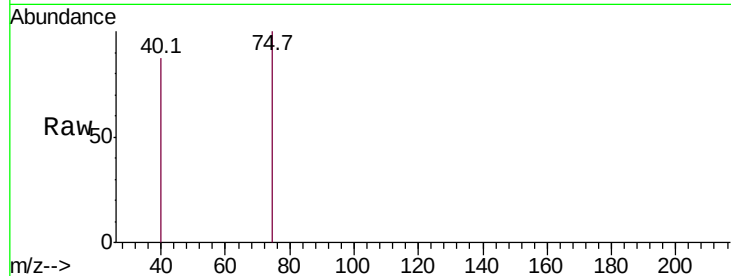
Tot Ion: 75 Resp: 266

Ion Ratio Lower Upper

75 100

110 0.0 20.3 61.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.605 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

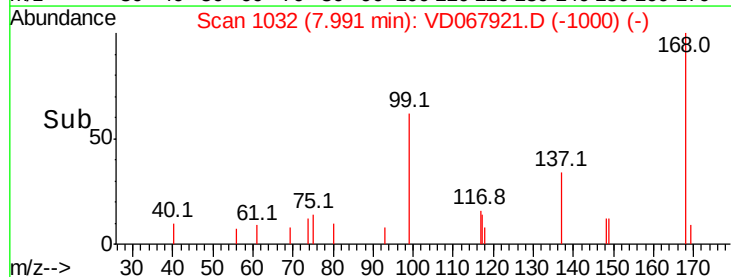
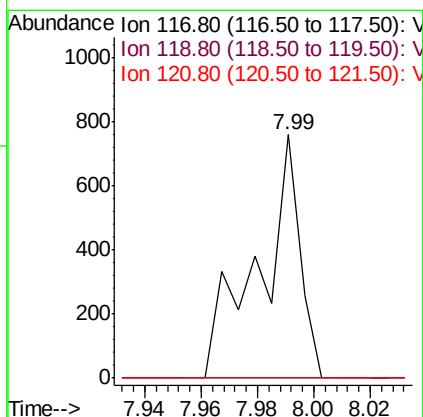
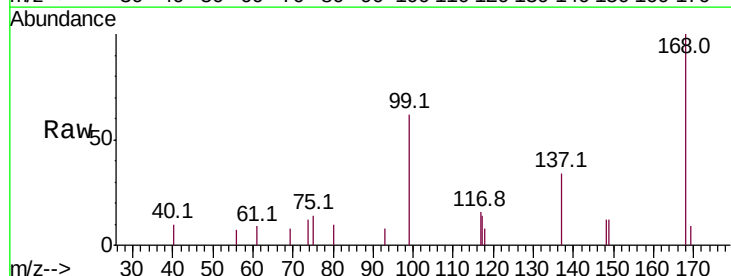
Tgt Ion: 117 Resp: 770

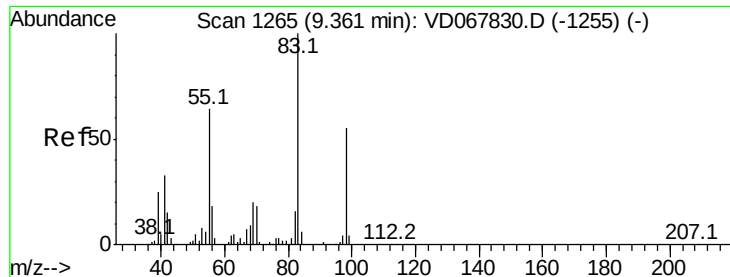
Ion Ratio Lower Upper

117 100

119 0.0 79.7 119.5#

121 0.0 23.8 35.6#

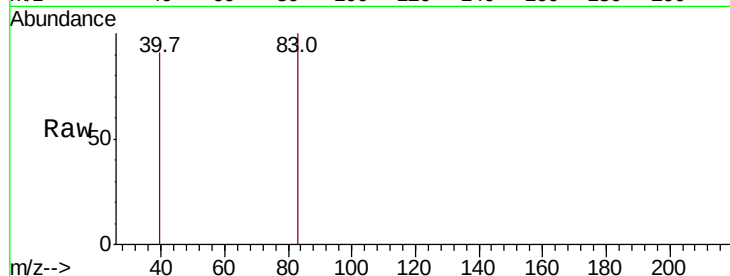




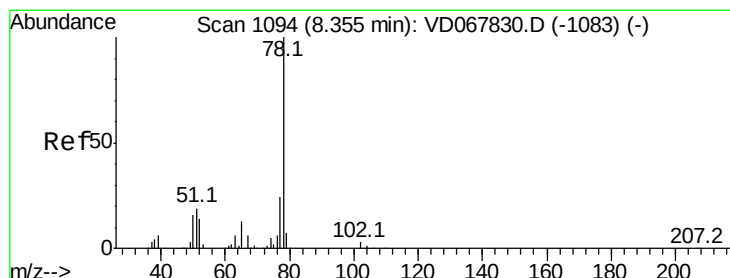
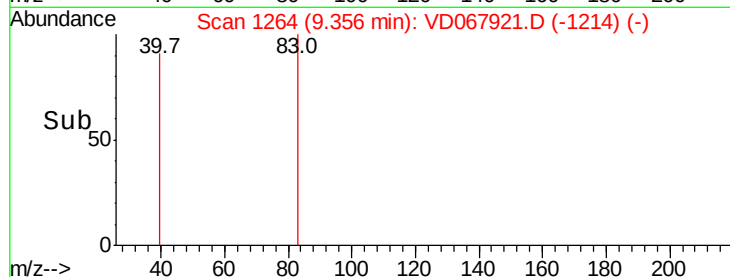
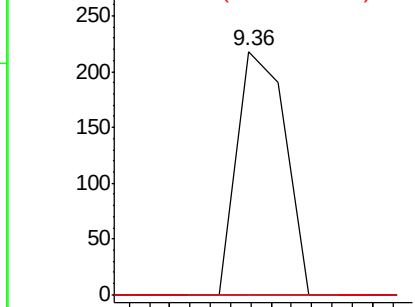
#39
Methylvlcyclohexane
Concen: 1.338 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
72-11976

Tot Ion: 83 Resp: 144
Ion Ratio Lower Upper
83 100
55 0.0 51.6 77.4#
98 0.0 44.3 66.5#

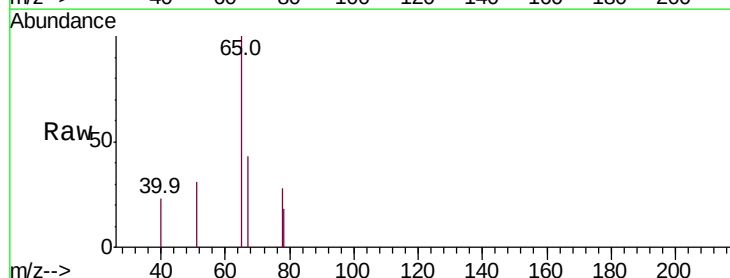


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

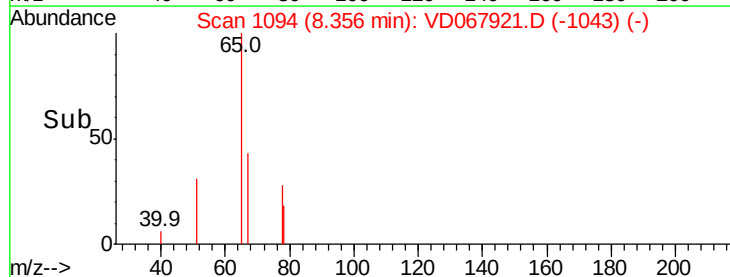
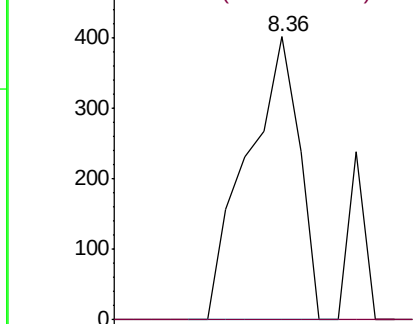


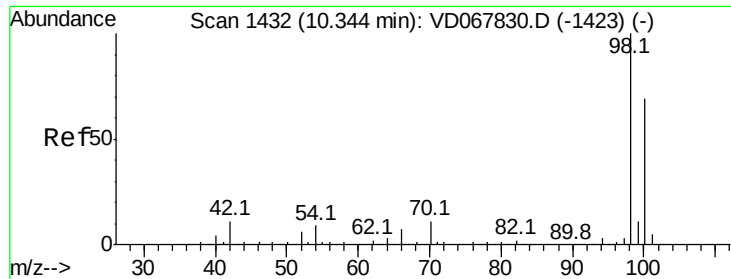
#40
Benzene
Concen: 1.844 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Tgt Ion: 78 Resp: 458
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

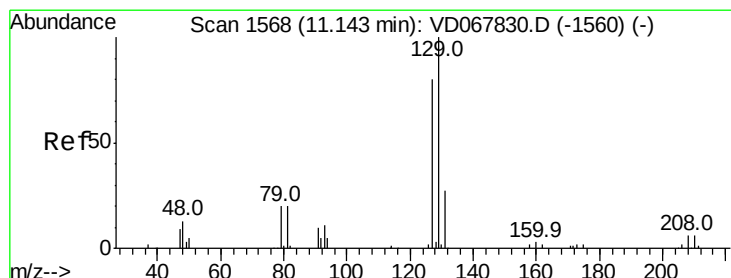
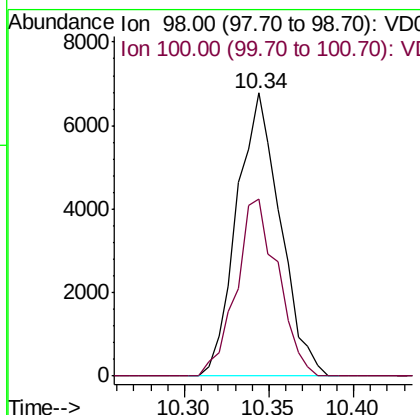
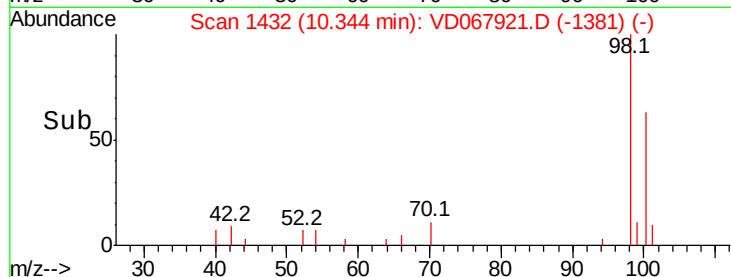
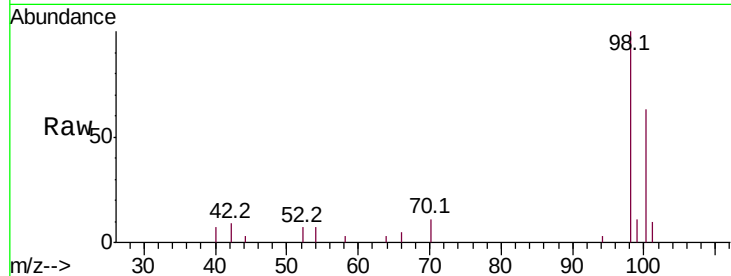




#50
Toluene-d8
Concen: 48.046 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

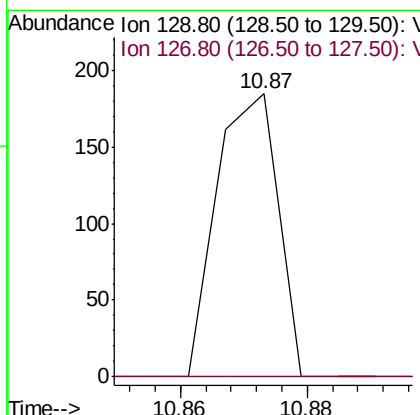
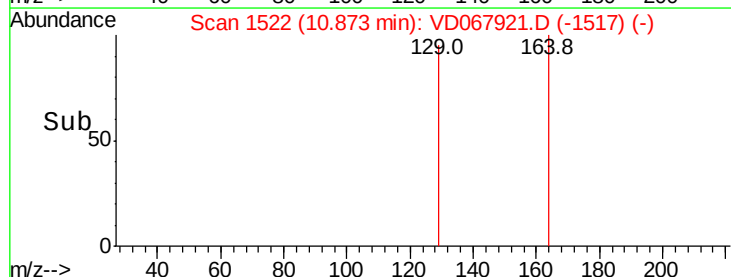
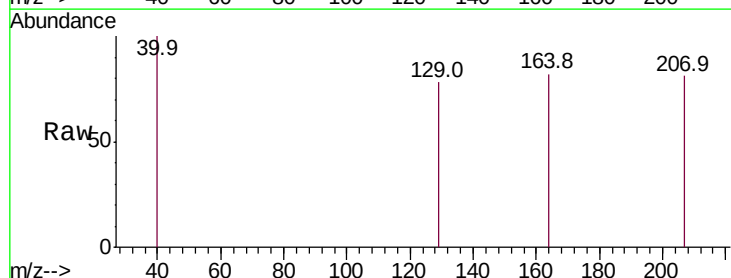
Instrument :
MSVOA_D
ClientSampleId :
72-11976

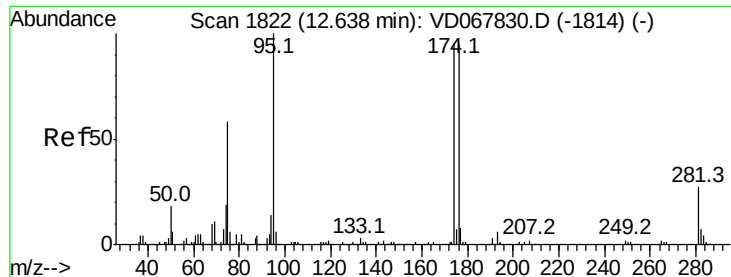
Tot Ion: 98 Resp: 12138
Ion Ratio Lower Upper
98 100
100 60.2 52.9 79.3



#60
Dibromochloromethane
Concen: 1.668 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Tgt Ion: 129 Resp: 122
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#

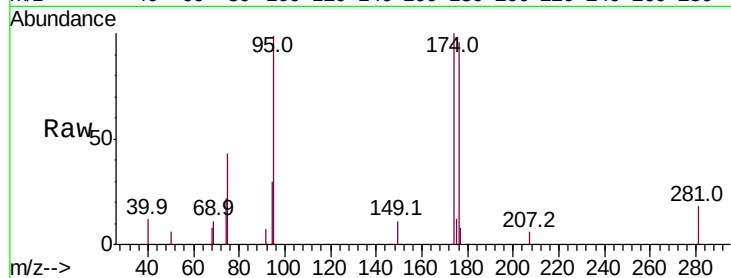




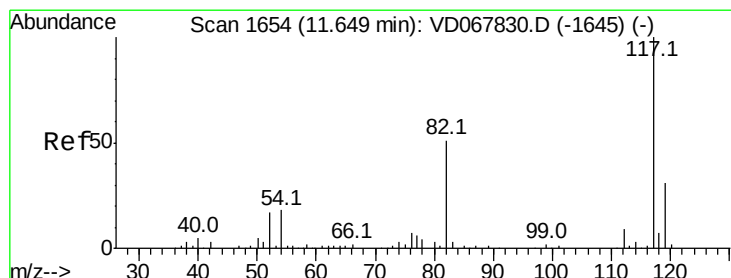
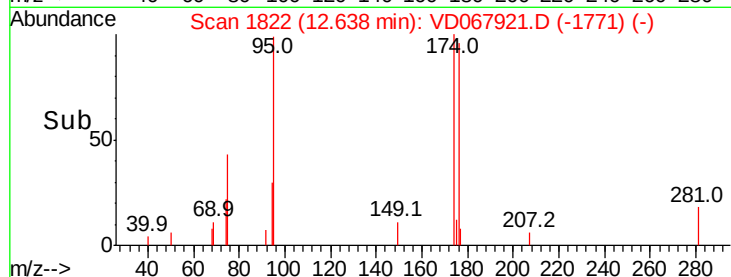
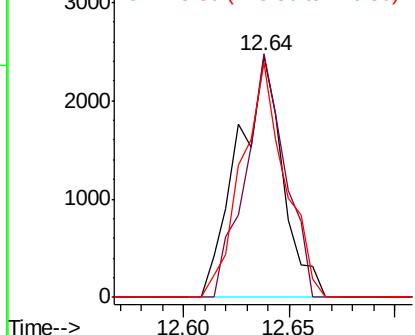
#62
4-Bromofluorobenzene
Concen: 41.870 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
72-11976

Tot Ion: 95 Resp: 3657
Ion Ratio Lower Upper
95 100
174 88.6 0.0 186.0
176 92.9 0.0 184.2

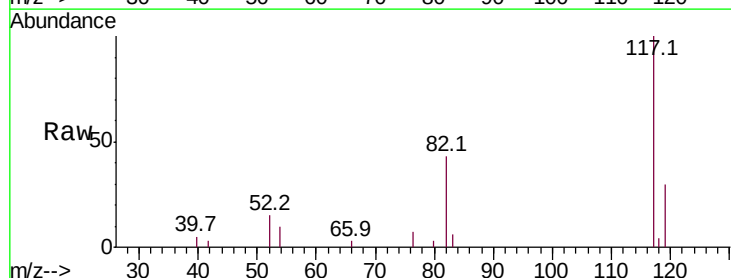


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

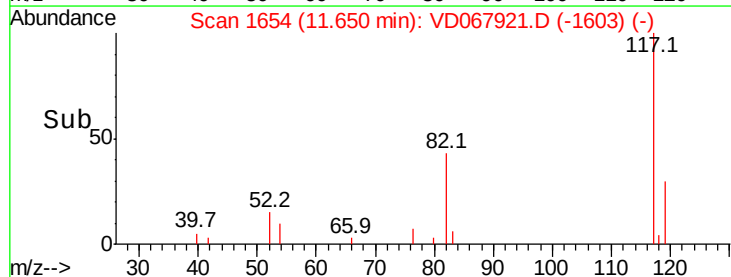
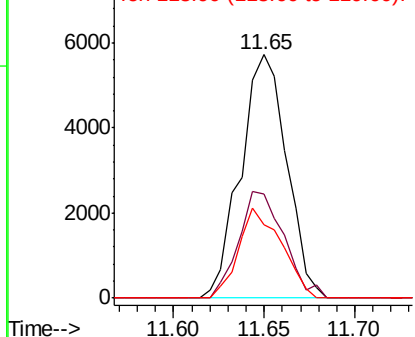


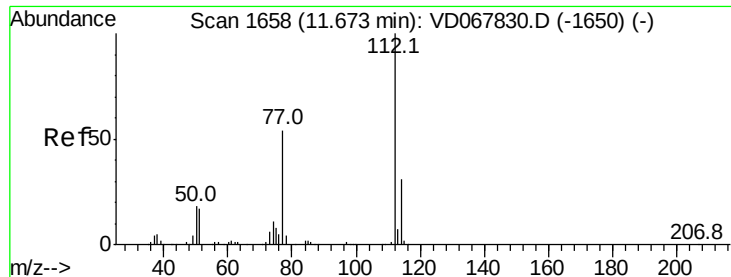
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Tgt Ion: 117 Resp: 10097
Ion Ratio Lower Upper
117 100
82 42.6 40.6 60.8
119 30.0 25.1 37.7



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





#65

Chlorobenzene

Concen: 1.680 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

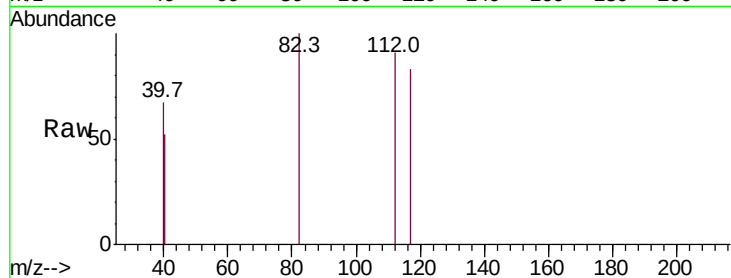
72-11976

Tot Ion:112 Resp: 350

Ion Ratio Lower Upper

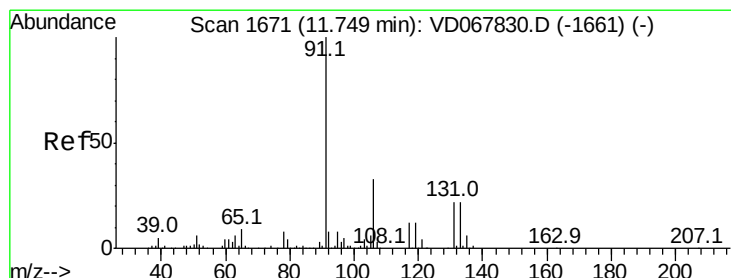
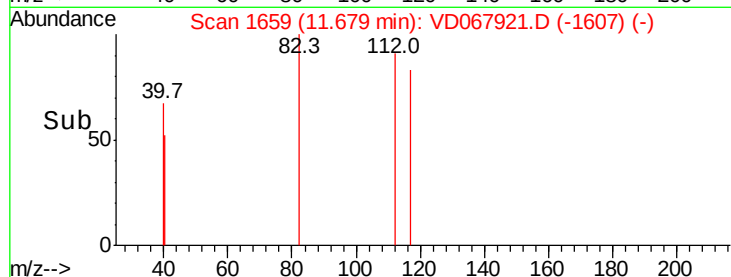
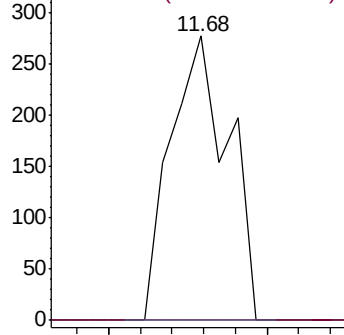
112 100

114 0.0 25.0 37.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 1.437 ug/l

RT: 11.76 min Scan# 1672

Delta R.T. 0.01 min

Lab File: VD067921.D

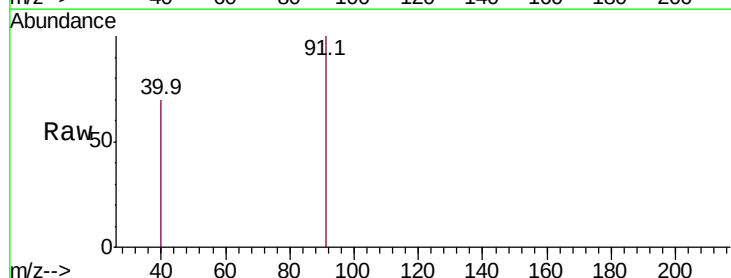
Acq: 09 Dec 2020 12:04

Tgt Ion: 91 Resp: 510

Ion Ratio Lower Upper

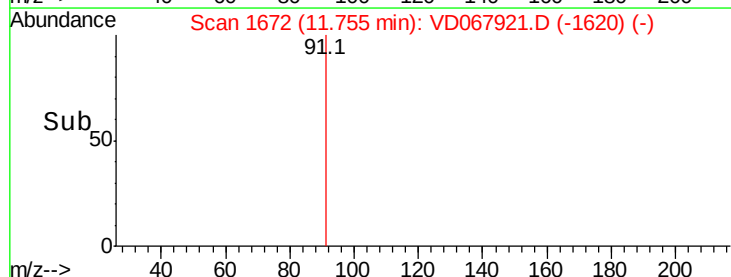
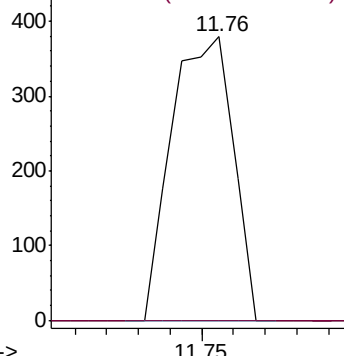
91 100

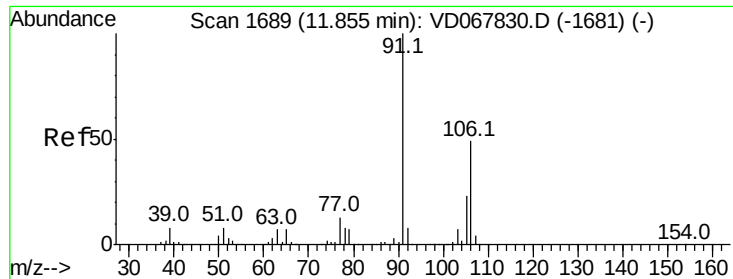
106 0.0 26.2 39.2#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

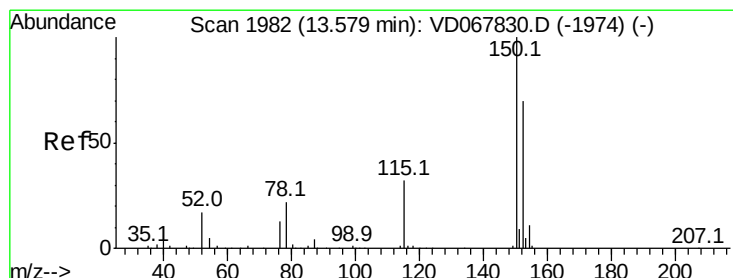
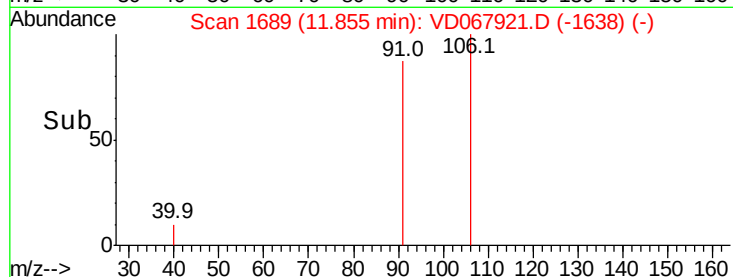
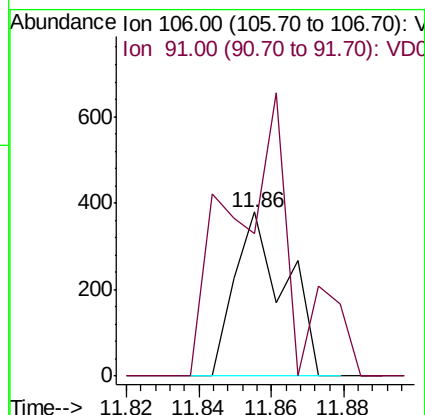
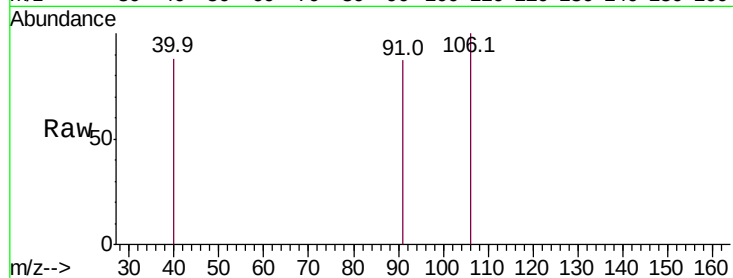




#68
m/p-Xvlenes
Concen: 2.622 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

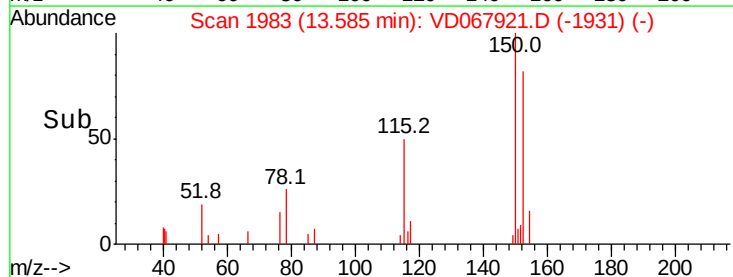
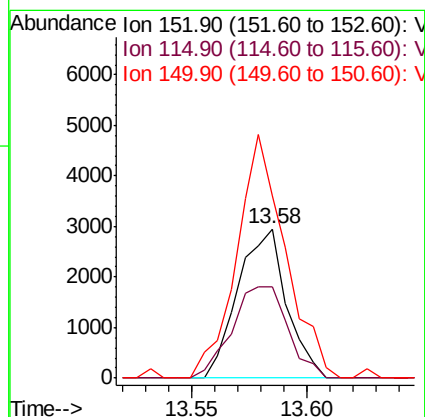
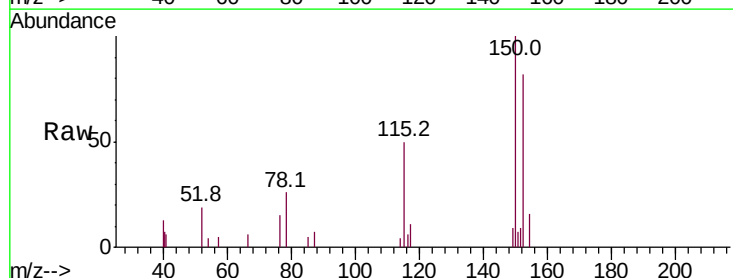
Instrument :
MSVOA_D
ClientSampleId :
72-11976

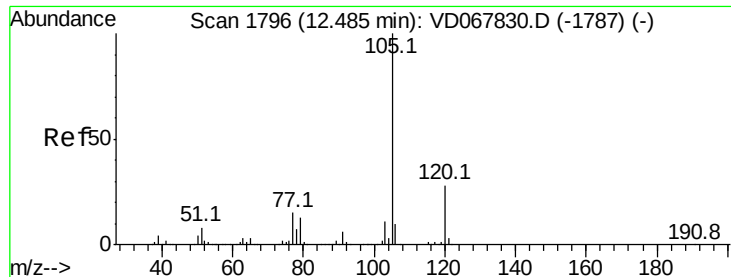
Tot Ion:106 Resp: 367
Ion Ratio Lower Upper
106 100
91 206.0 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Tgt Ion:152 Resp: 4314
Ion Ratio Lower Upper
152 100
115 70.9 29.1 87.4
150 163.4 0.0 339.0





#73

Isopropylbenzene

Concen: 2.046 ug/l

RT: 12.47 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

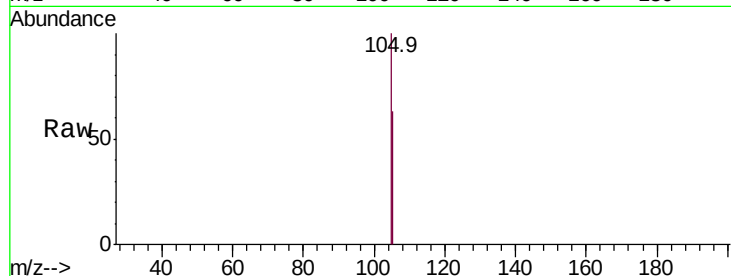
72-11976

Tot Ion:105 Resp: 607

Ion Ratio Lower Upper

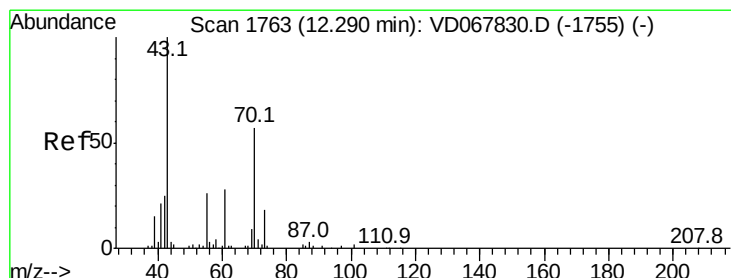
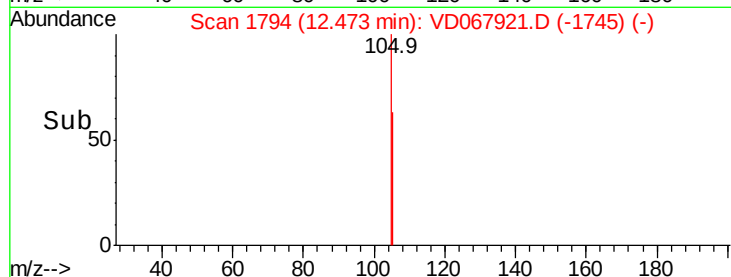
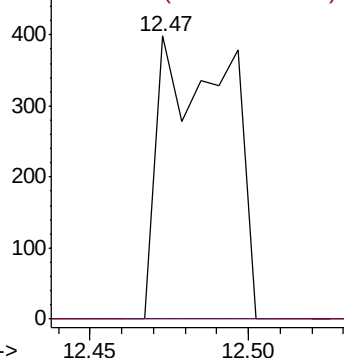
105 100

120 0.0 13.9 41.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.635 ug/l

RT: 12.42 min Scan# 1785

Delta R.T. 0.13 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Tgt Ion: 43 Resp: 60

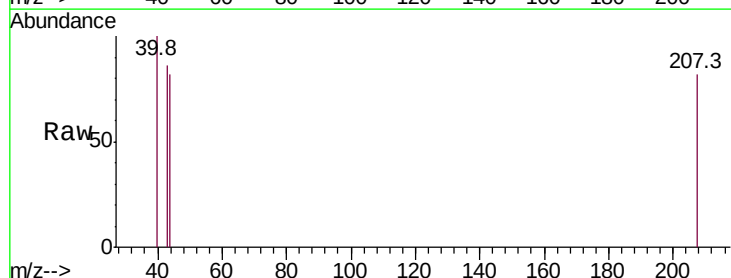
Ion Ratio Lower Upper

43 100

70 0.0 44.6 66.8#

55 0.0 22.2 33.2#

61 0.0 22.7 34.1#

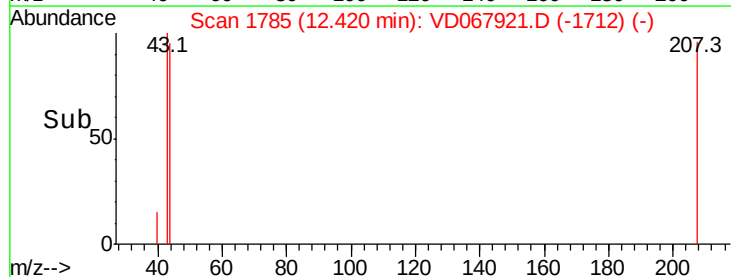
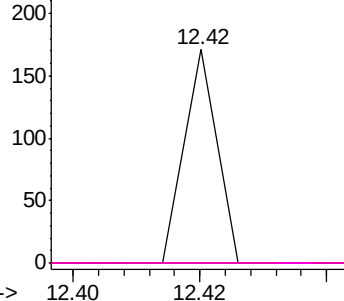


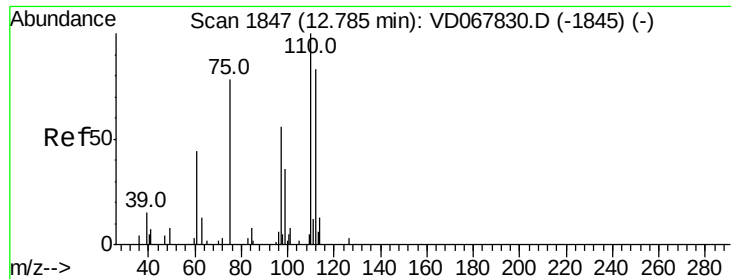
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 63.917 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.14 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

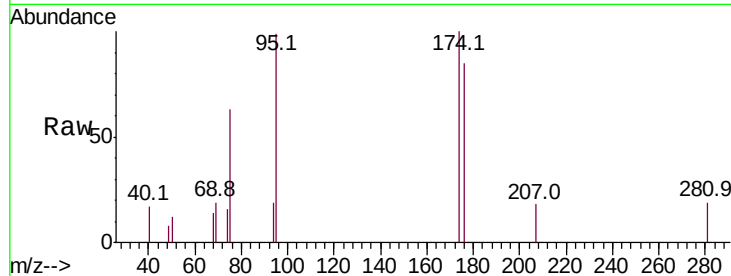
72-11976

Tot Ion: 75 Resp: 2008

Ion Ratio Lower Upper

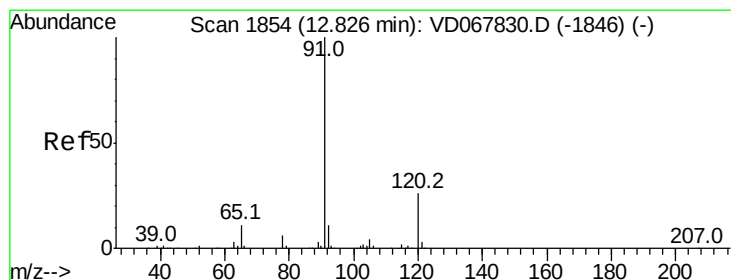
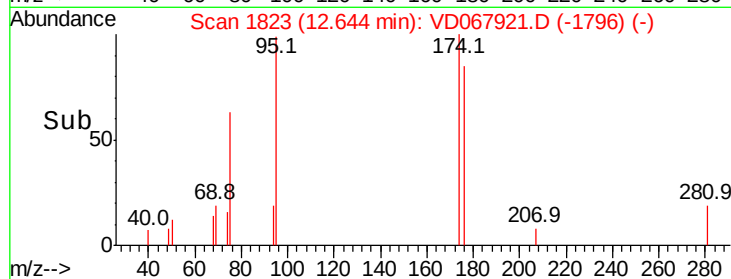
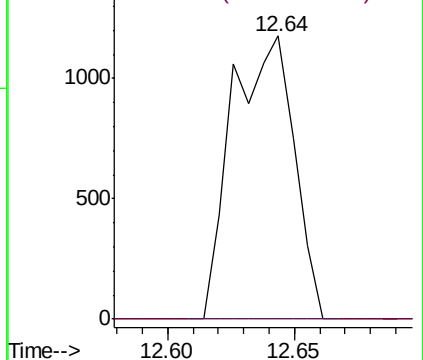
75 100

77 0.0 175.9 527.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#78

n-propylbenzene

Concen: 2.232 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067921.D

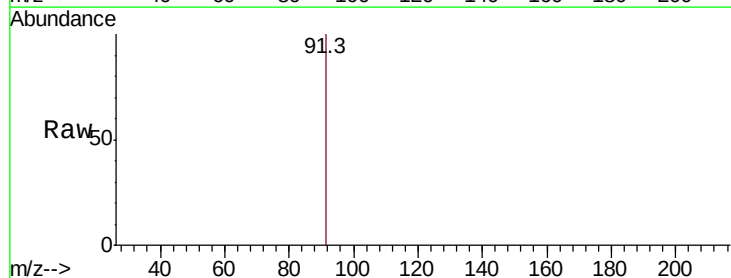
Acq: 09 Dec 2020 12:04

Tgt Ion: 91 Resp: 734

Ion Ratio Lower Upper

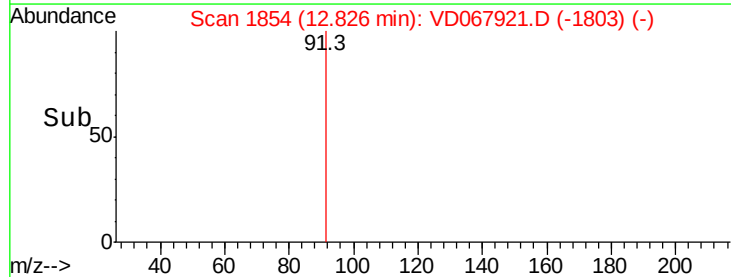
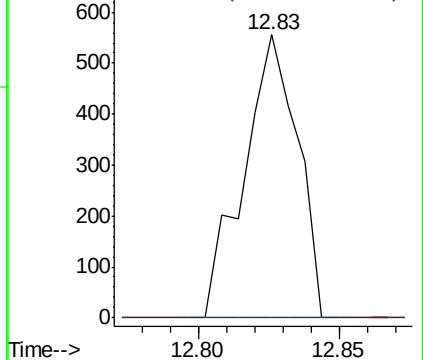
91 100

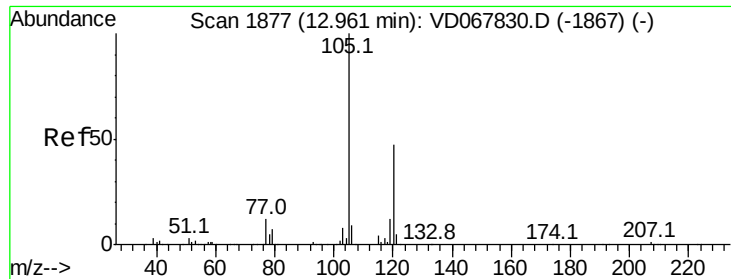
120 0.0 12.7 38.0#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC





#80

1,3,5-Trimethylbenzene

Concen: 1.861 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

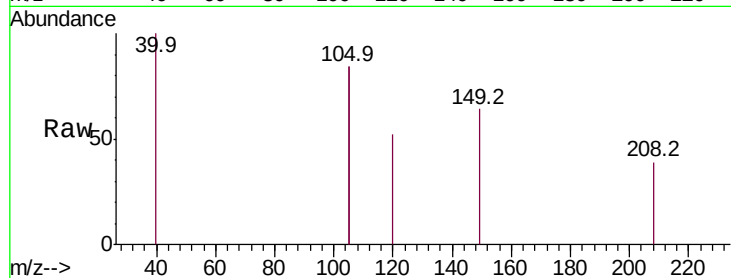
72-11976

Tot Ion:105 Resp: 478

Ion Ratio Lower Upper

105 100

120 29.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800

600

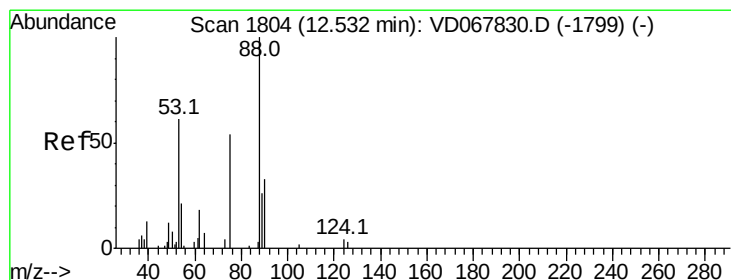
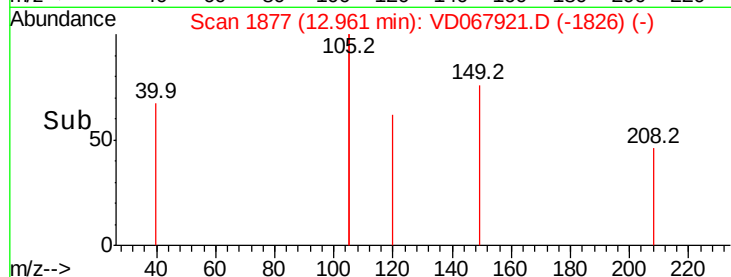
400

200

0

12.94 12.96 12.98

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 152.895 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

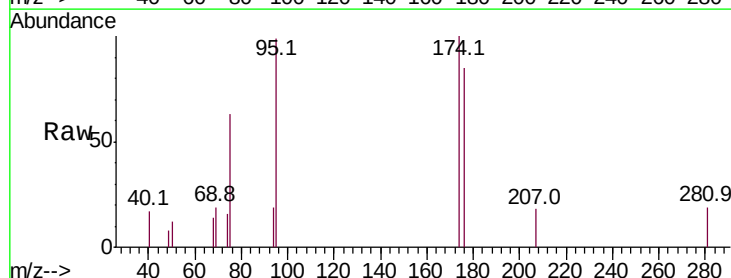
Tgt Ion: 75 Resp: 2008

Ion Ratio Lower Upper

75 100

53 0.0 84.6 127.0#

89 0.0 41.0 61.6#



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

1500

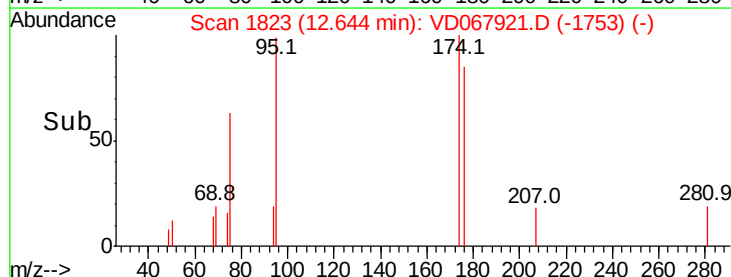
1000

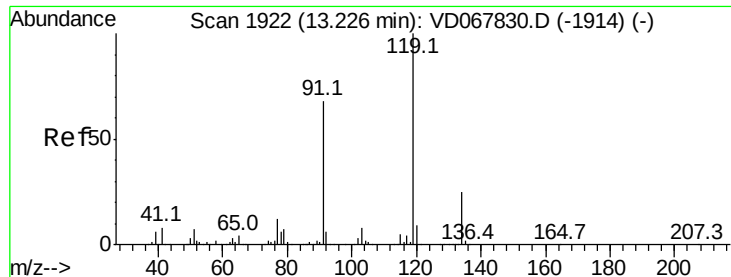
500

0

12.60 12.65

Time-->

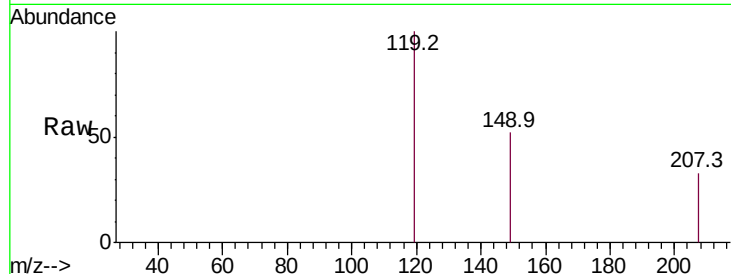




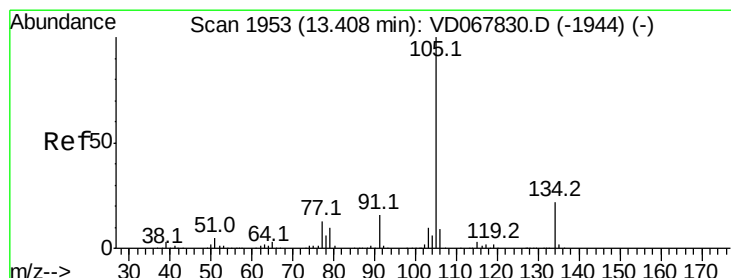
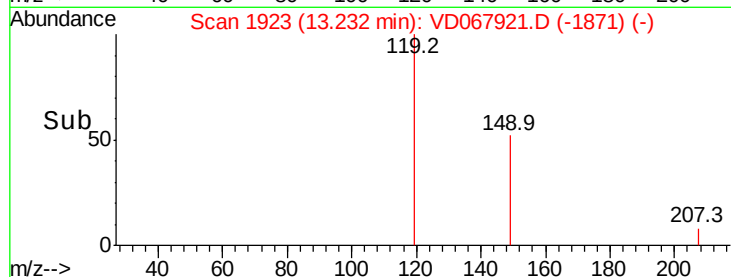
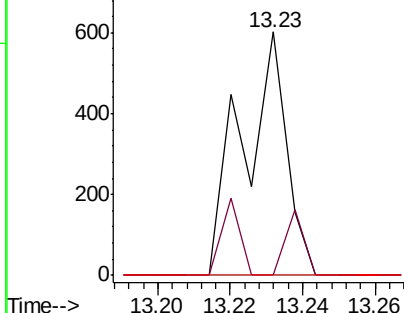
#83
tert-Butylbenzene
Concen: 2.301 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
72-11976

Tot Ion:119 Resp: 503
Ion Ratio Lower Upper
119 100
91 11.5 33.1 99.3#
134 0.0 13.6 40.8#

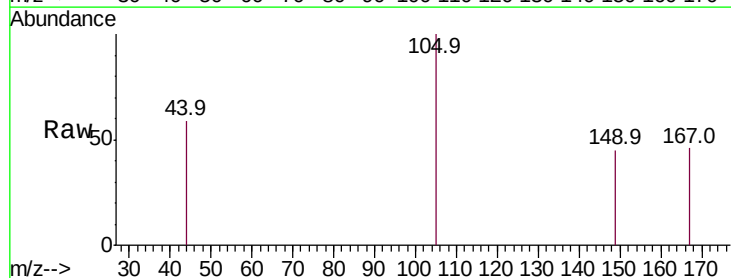


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

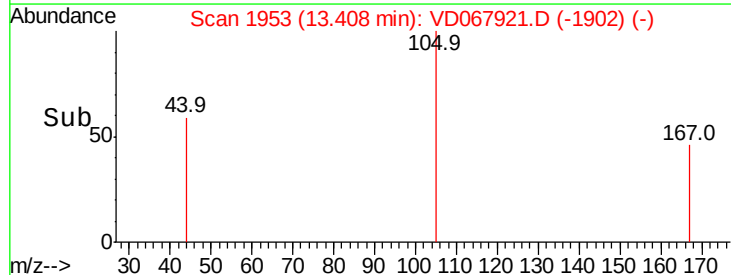
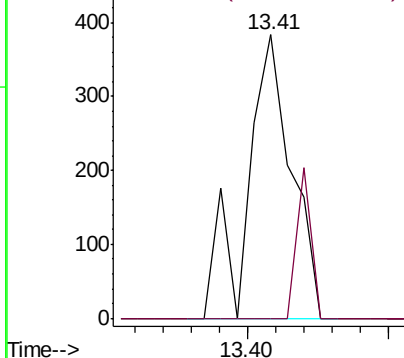


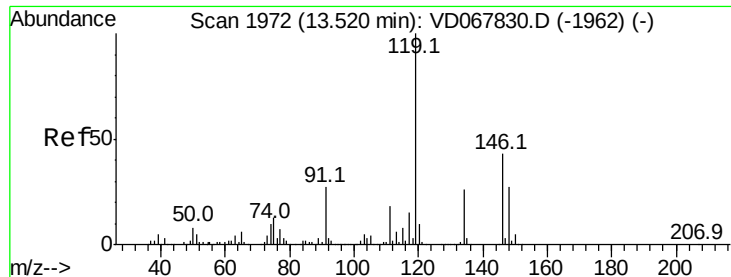
#85
sec-Butylbenzene
Concen: 1.447 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD067921.D
Acq: 09 Dec 2020 12:04

Tgt Ion:105 Resp: 422
Ion Ratio Lower Upper
105 100
134 17.1 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

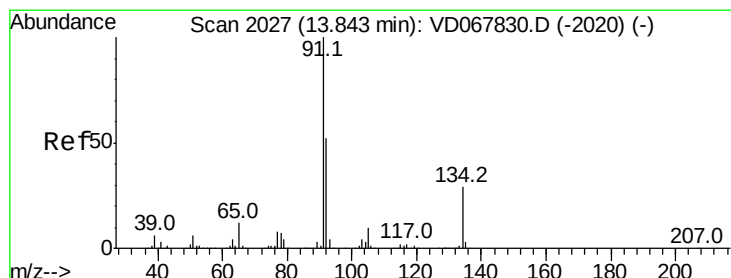
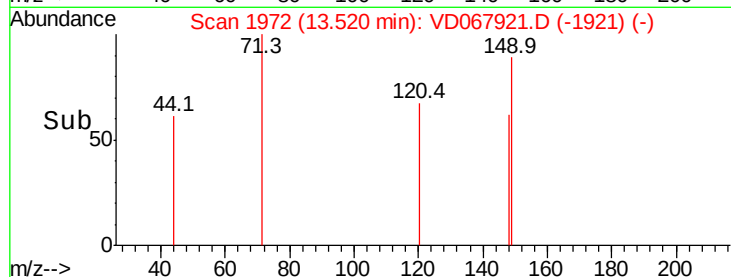
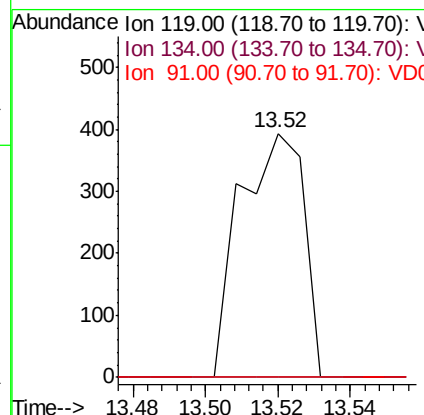
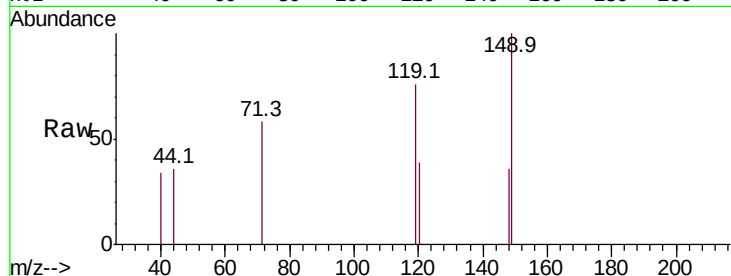




#86
 p-Isopropyltoluene
 Concen: 1.675 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067921.D
 Acq: 09 Dec 2020 12:04

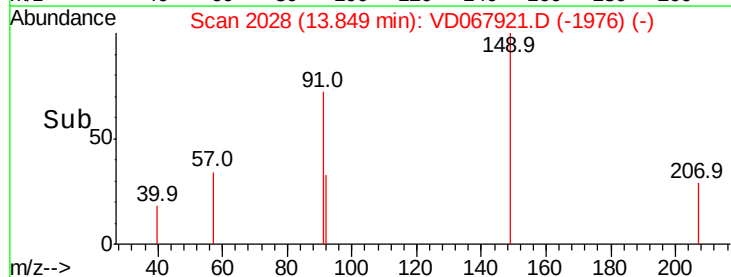
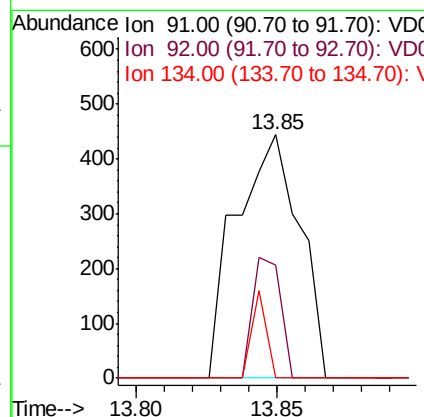
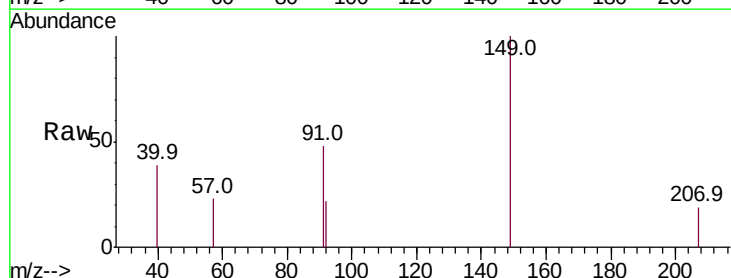
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11976

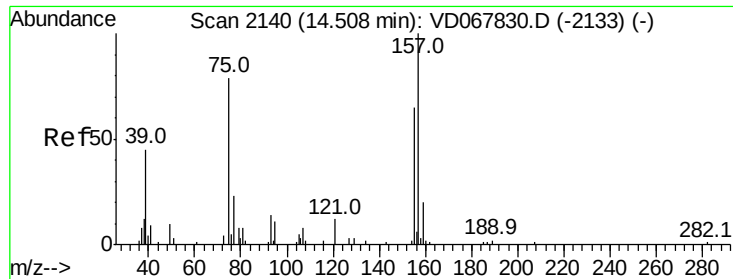
Tot Ion: 119 Resp: 479
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 0.0 12.8 38.3#



#89
 n-Butylbenzene
 Concen: 2.926 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: VD067921.D
 Acq: 09 Dec 2020 12:04

Tgt Ion: 91 Resp: 695
 Ion Ratio Lower Upper
 91 100
 92 21.7 26.3 78.8#
 134 8.1 14.8 44.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 8.563 ug/l

RT: 14.58 min Scan# 2153

Delta R.T. 0.08 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampled :

72-11976

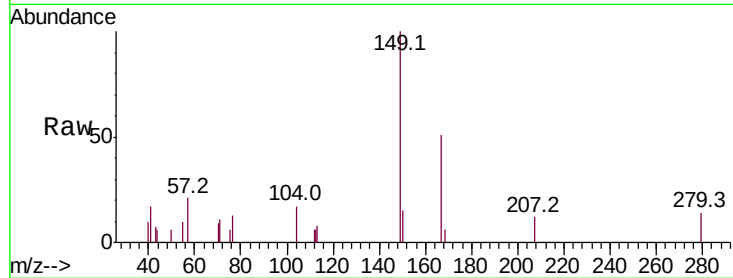
Tot Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

155 0.0 44.1 132.4#

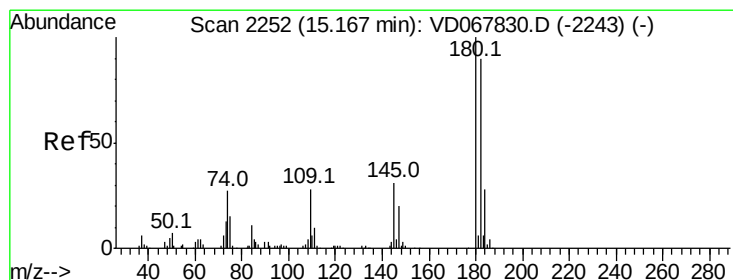
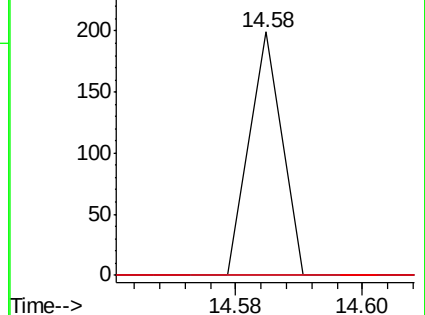
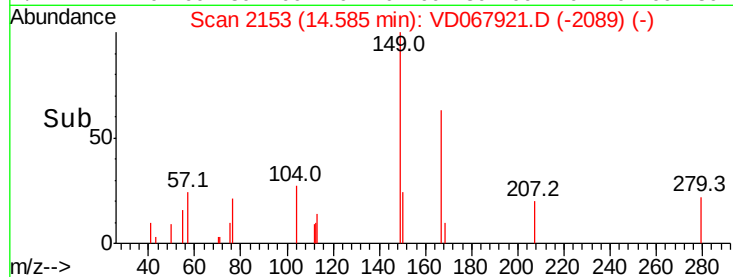
157 0.0 62.4 187.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 5.329 ug/l

RT: 15.16 min Scan# 2250

Delta R.T. -0.01 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

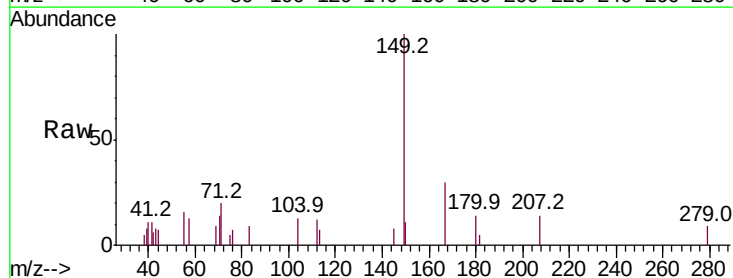
Tgt Ion:180 Resp: 460

Ion Ratio Lower Upper

180 100

182 11.5 47.5 142.6#

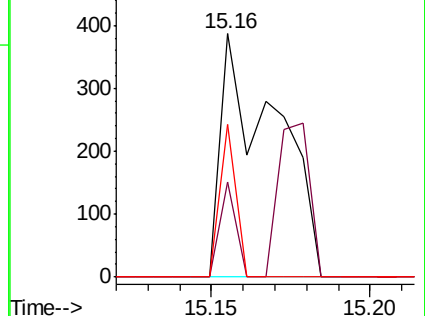
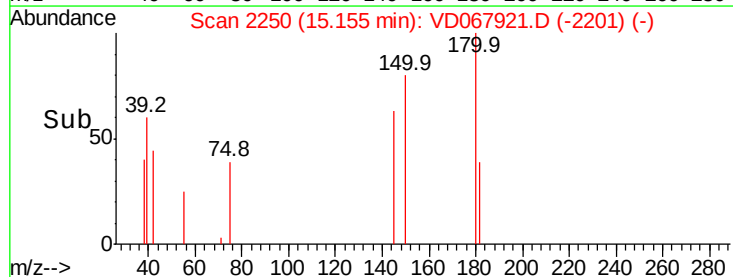
145 18.7 16.4 49.4

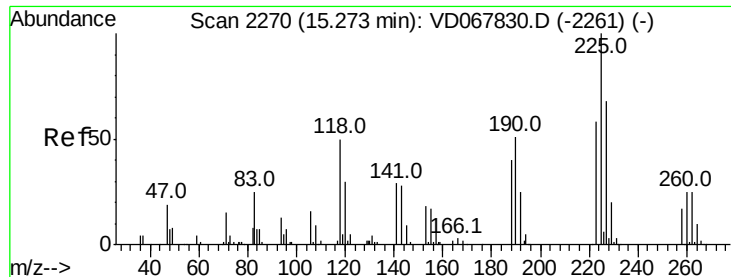


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 4.457 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

72-11976

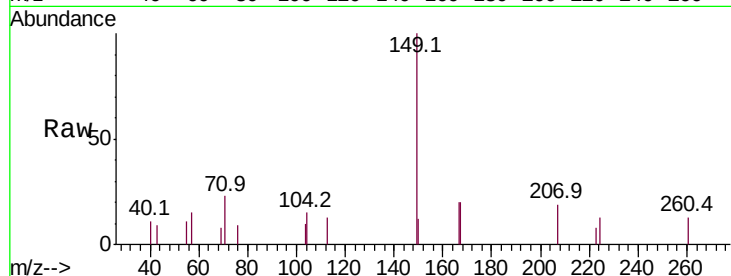
Tot Ion:225 Resp: 251

Ion Ratio Lower Upper

225 100

223 23.1 31.1 93.3#

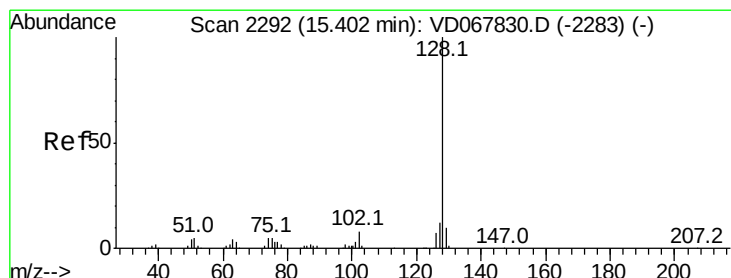
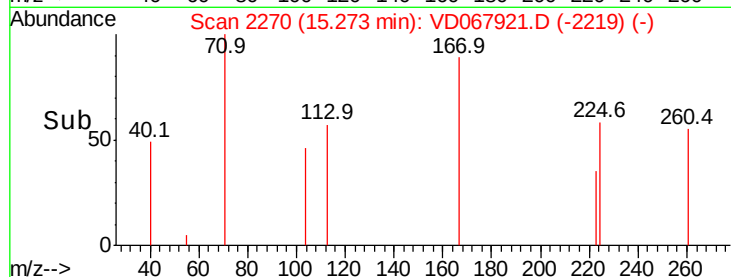
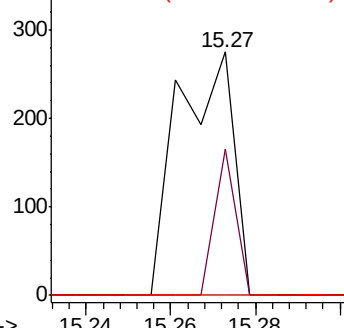
227 0.0 33.1 99.3#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 10.416 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067921.D

Acq: 09 Dec 2020 12:04

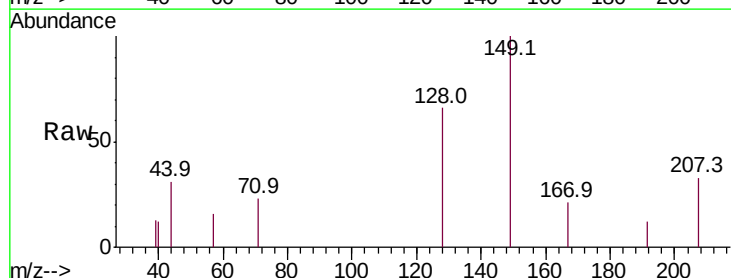
Tgt Ion:128 Resp: 1463

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

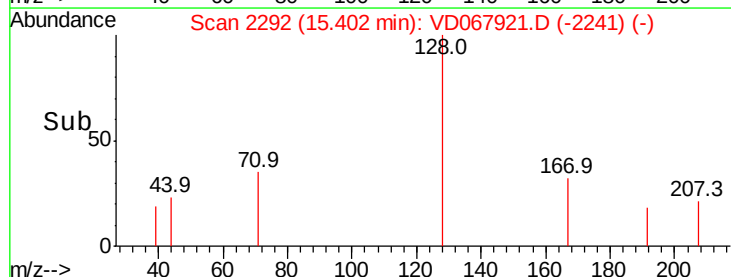
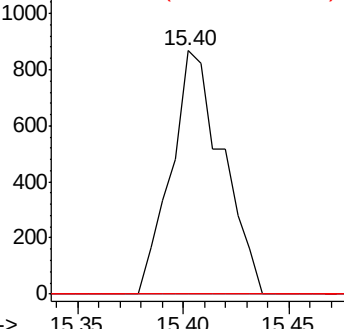
129 0.0 9.0 13.6#

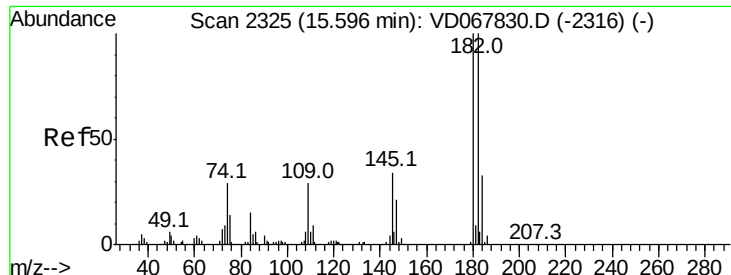


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.181 ug/l
 RT: 15.60 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: VD067921.D
 Acq: 09 Dec 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11976

Tot Ion:180 Resp: 88
 Ion Ratio Lower Upper
 180 100
 182 267.0 47.3 142.0#
 145 78.4 16.8 50.4#

