

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071044.D
 Acq On : 16 Nov 2021 15:11
 Operator : VA/SY
 Sample : M4659-01
 Misc : 6.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 03:24:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	5606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	11668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	11741	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	9551	50.00	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	10885	182.37	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	364.74%#	
35) Dibromofluoromethane	7.908	113	5342	81.14	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	162.28%#	
50) Toluene-d8	10.338	98	7030	27.26	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	54.52%	
62) 4-Bromofluorobenzene	12.620	95	18707	201.50	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	403.00%#	
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	344	6.04	ug/l #	37
4) Vinyl Chloride	2.356	62	118	2.15	ug/l #	42
5) Bromomethane	2.779	94	448	11.99	ug/l #	48
10) Methyl Iodide	4.297	142	79	7.09	ug/l #	40
11) Tert butyl alcohol	5.208	59	901	206.55	ug/l	94
14) Allyl chloride	4.720	41	177	1.60	ug/l #	28
16) Acetone	4.156	43	15913	928.85	ug/l	98
17) Carbon Disulfide	4.397	76	407	2.37	ug/l #	73
18) Methyl Acetate	4.726	43	7848	153.26	ug/l	94
20) Methylene Chloride	4.979	84	4305	63.55	ug/l #	78
23) Vinyl Acetate	6.279	43	70	21.53	ug/l #	72
25) 2-Butanone	7.214	43	4618	224.00	ug/l #	85
29) Tetrahydrofuran	7.561	42	239	19.71	ug/l #	34
36) 1,1-Dichloropropene	7.985	75	505	4.85	ug/l #	41
37) Ethyl Acetate	7.285	43	299	6.29	ug/l #	66
38) Carbon Tetrachloride	7.973	117	227	2.37	ug/l #	12
41) Methacrylonitrile	7.561	41	203	8.91	ug/l #	24
48) Methyl methacrylate	9.332	41	517	10.48	ug/l #	26
51) 4-Methyl-2-Pentanone	10.220	43	382	7.83	ug/l #	34
55) 1,1,2-Trichloroethane	10.767	97	601	11.58	ug/l #	16
56) Ethyl methacrylate	10.632	69	4090	55.69	ug/l	93
59) 2-Hexanone	10.949	43	7123	190.81	ug/l #	23
65) Chlorobenzene	11.661	112	232	1.11	ug/l #	42
67) Ethyl Benzene	11.732	91	831	2.09	ug/l #	44
68) m/p-Xylenes	11.843	106	508	3.43	ug/l #	46
70) Styrene	12.190	104	346	1.45	ug/l #	1
73) Isopropylbenzene	12.473	105	3125	4.54	ug/l	95
74) N-amyl acetate	12.261	43	33111	168.44	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.696	83	14150	119.48	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	4868	59.67	ug/l #	1
78) n-propylbenzene	12.808	91	4867	5.71	ug/l	91
79) 2-Chlorotoluene	12.808	91	4867	10.01	ug/l	75
80) 1,3,5-Trimethylbenzene	12.949	105	1236	2.18	ug/l #	36
81) trans-1,4-Dichloro-2-b...	12.626	75	4868	110.58	ug/l #	68
82) 4-Chlorotoluene	12.808	91	5403	10.77	ug/l	72

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.214	119	7202	14.76	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.279	105	1693	3.05	ug/l #	31
85) sec-Butylbenzene	13.390	105	16425	22.39	ug/l #	39
86) p-Isopropyltoluene	13.661	119	34330	58.27	ug/l #	69
89) n-Butylbenzene	13.837	91	4686	7.91	ug/l #	67
90) Hexachloroethane	14.102	117	12223	104.85	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.473	75	122	6.28	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.179	180	16507	103.59	ug/l #	1
95) Naphthalene	15.343	128	18129	59.58	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.602	180	19541	145.84	ug/l #	13

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

Instrument :
MSVOA_D
ClientSampleId :

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Abundance Scan 1030 (7.979 min): VD070947.D\data.ms (-1010) (-)

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.973 min Scan#

Delta R.T. -0.006 min

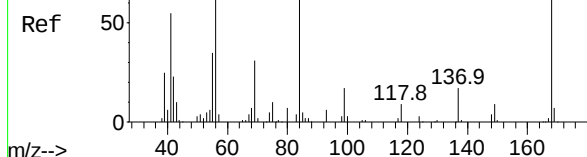
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

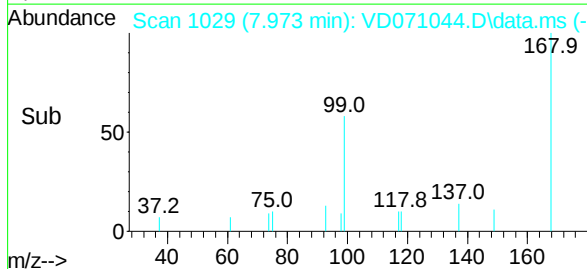
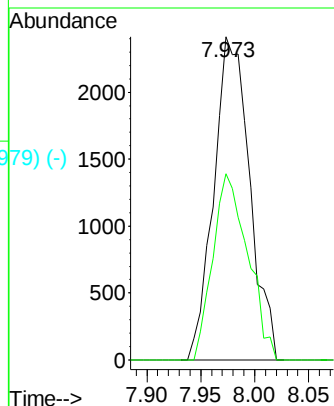
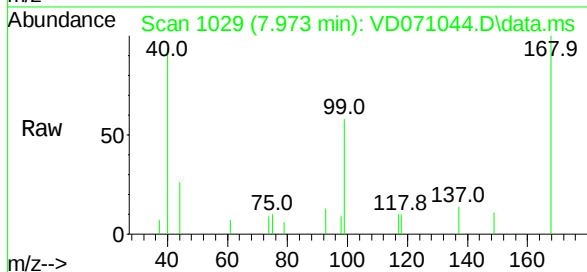


Tgt Ion:168 Resp: 5606

Ion Ratio Lower Upper

168 100

99 57.5 46.6 69.8



Abundance Scan 49 (2.209 min): VD070947.D\data.ms (-42) (-)

Chloromethane

Concen: 6.04 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD071044.D

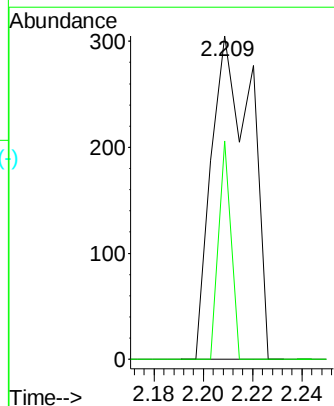
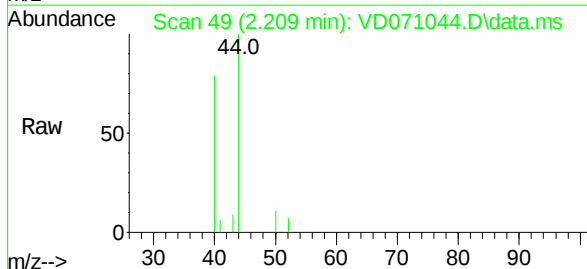
Acq: 16 Nov 2021 15:11

Tgt Ion: 50 Resp: 344

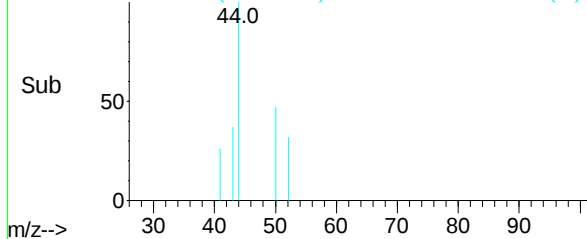
Ion Ratio Lower Upper

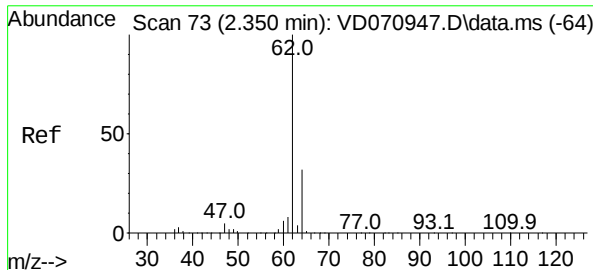
50 100

52 67.5 25.8 38.8#



Abundance Scan 49 (2.209 min): VD071044.D\data.ms (-1) (-)





Vinyl Chloride

Concen: 2.15 ug/l

RT: 2.356 min Scan#

Delta R.T. 0.006 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

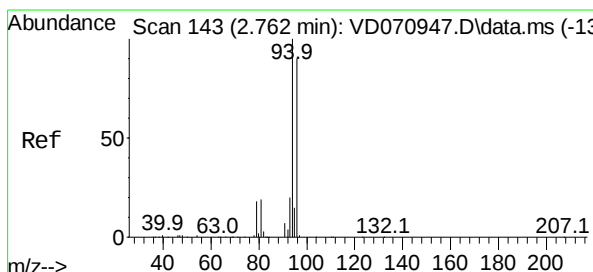
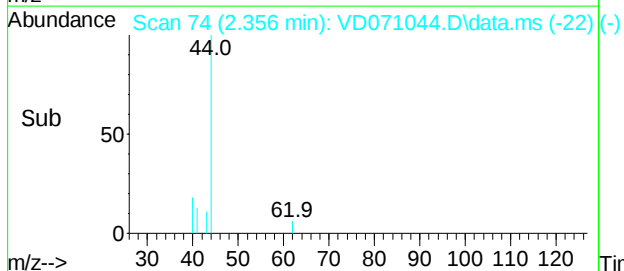
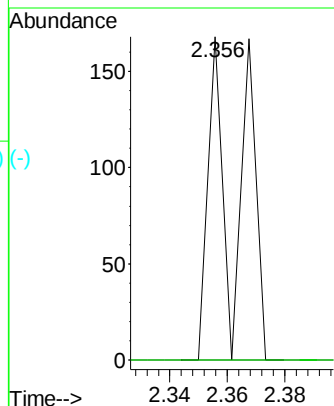
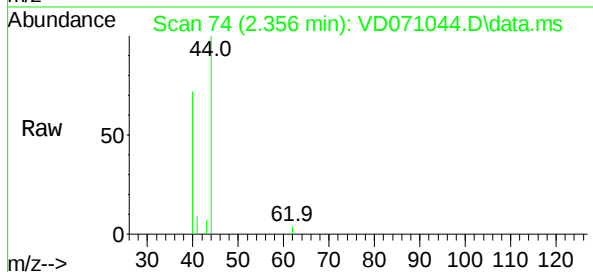
ClientSampleId :

Tgt Ion: 62 Resp: 118

Ion Ratio Lower Upper

62 100

64 0.0 26.0 39.0#



Bromomethane

Concen: 11.99 ug/l

RT: 2.779 min Scan# 146

Delta R.T. 0.017 min

Lab File: VD071044.D

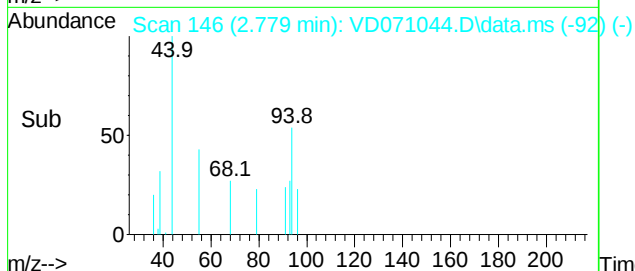
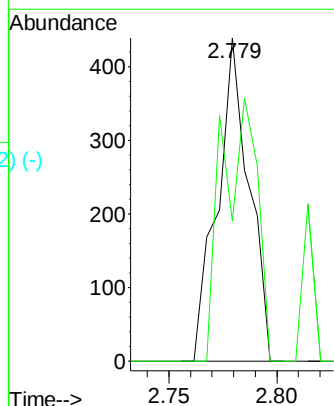
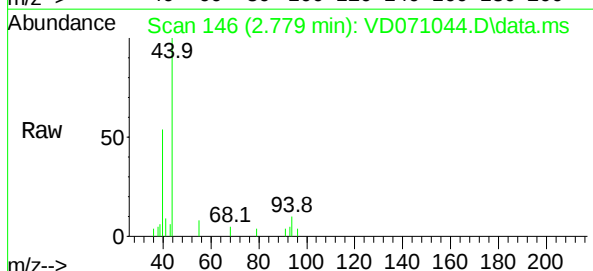
Acq: 16 Nov 2021 15:11

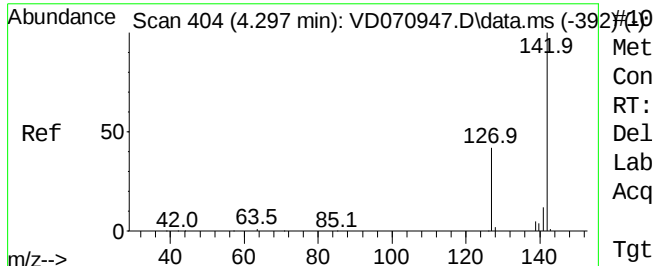
Tgt Ion: 94 Resp: 448

Ion Ratio Lower Upper

94 100

96 43.3 74.8 112.2#





Methyl Iodide

Concen: 7.09 ug/l

RT: 4.297 min Scan# 4

Delta R.T. -0.000 min

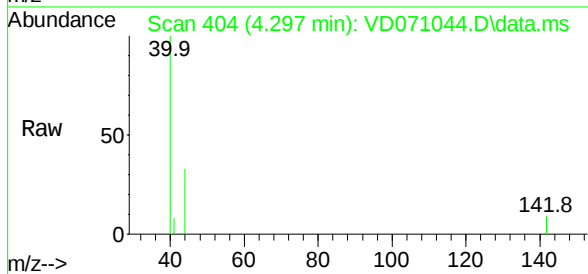
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :



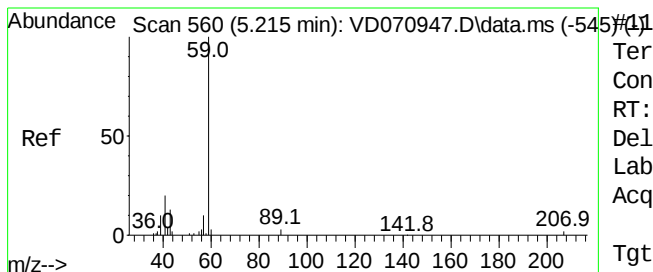
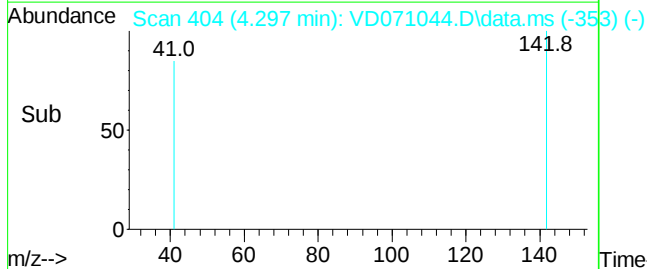
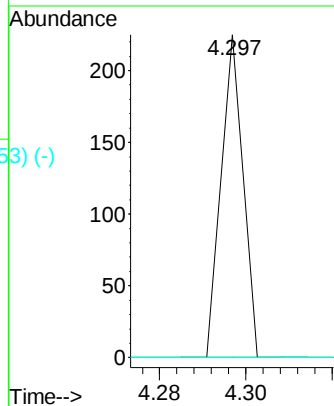
Tgt Ion:142 Resp: 79

Ion Ratio Lower Upper

142 100

127 0.0 35.0 52.4#

141 0.0 12.0 18.0#



Tert butyl alcohol

Concen: 206.55 ug/l

RT: 5.208 min Scan# 559

Delta R.T. -0.006 min

Lab File: VD071044.D

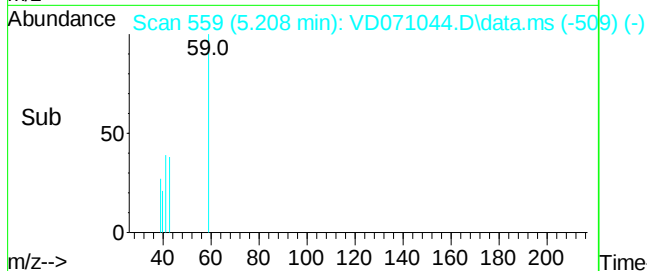
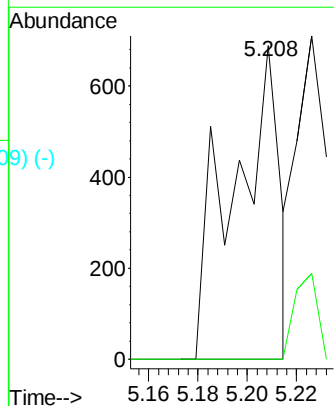
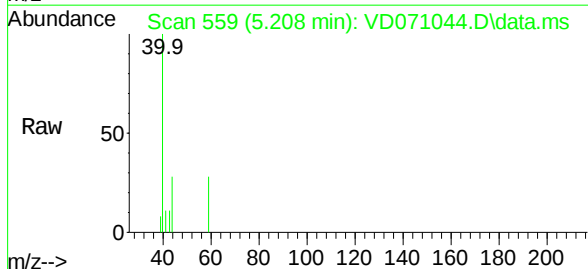
Acq: 16 Nov 2021 15:11

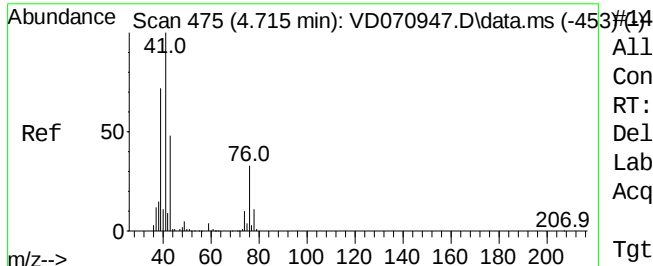
Tgt Ion: 59 Resp: 901

Ion Ratio Lower Upper

59 100

57 13.3 9.0 13.4





Allyl chloride

Concen: 1.60 ug/l

RT: 4.720 min Scan# 4

Delta R.T. 0.005 min MSVOA_D

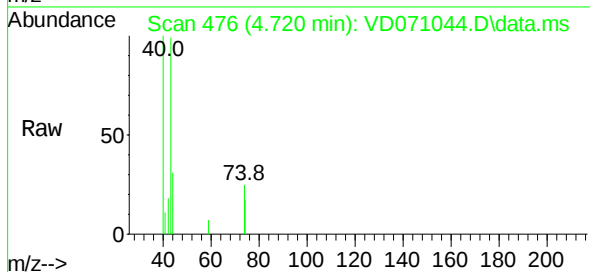
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :



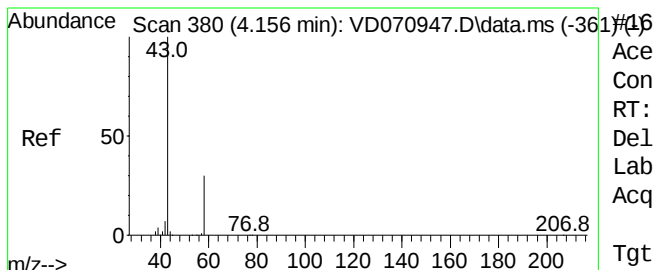
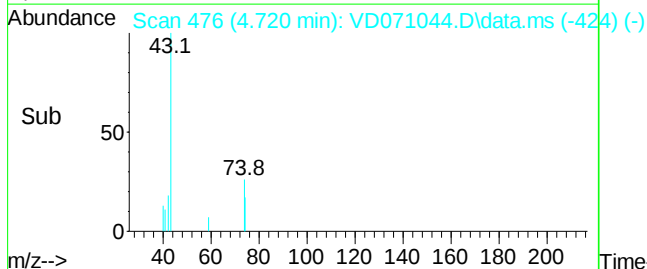
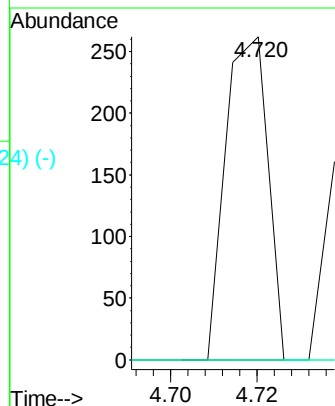
Tgt Ion: 41 Resp: 177

Ion Ratio Lower Upper

41 100

39 0.0 45.6 68.4#

76 0.0 30.2 45.4#



Acetone

Concen: 928.85 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071044.D

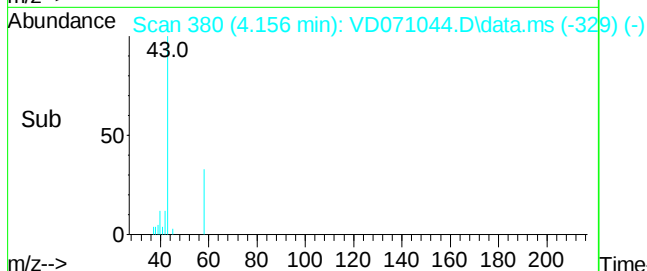
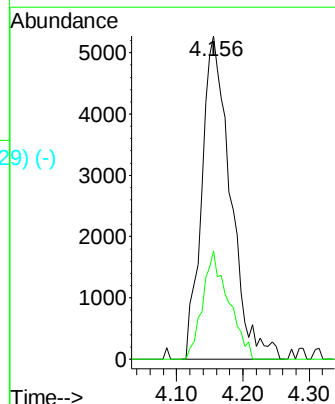
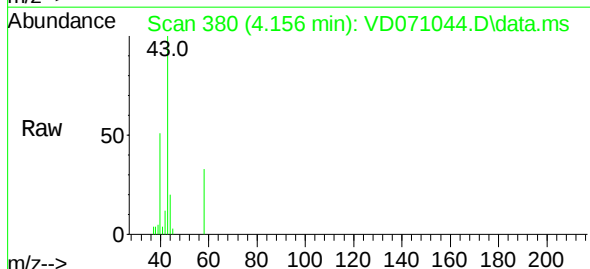
Acq: 16 Nov 2021 15:11

Tgt Ion: 43 Resp: 15913

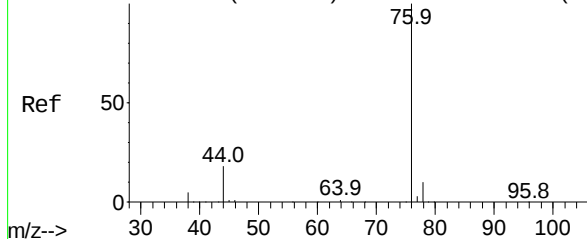
Ion Ratio Lower Upper

43 100

58 33.5 27.8 41.8



Abundance Scan 423 (4.409 min): VD070947.D\data.ms (-409)#17



Carbon Disulfide

Concen: 2.37 ug/l

RT: 4.397 min Scan# 417

Delta R.T. -0.012 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

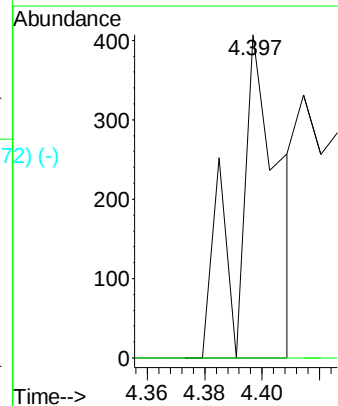
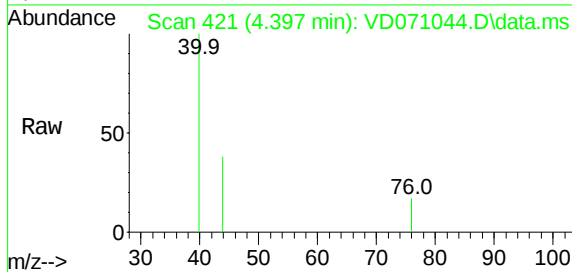
ClientSampleId :

Tgt Ion: 76 Resp: 407

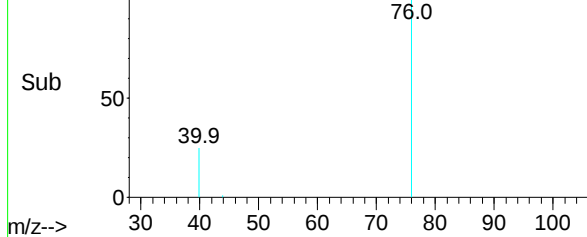
Ion Ratio Lower Upper

76 100

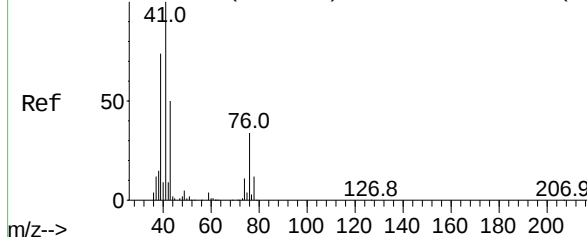
78 0.0 7.8 11.8#



Abundance Scan 421 (4.397 min): VD071044.D\data.ms (-372) (-)



Abundance Scan 475 (4.715 min): VD070947.D\data.ms (-462)#18



Methyl Acetate

Concen: 153.26 ug/l

RT: 4.726 min Scan# 477

Delta R.T. 0.011 min

Lab File: VD071044.D

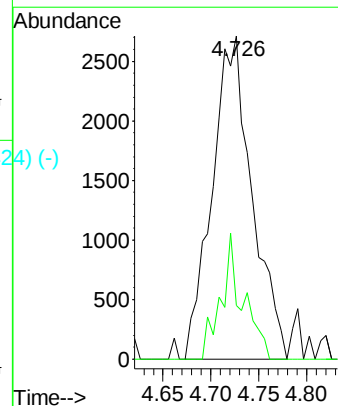
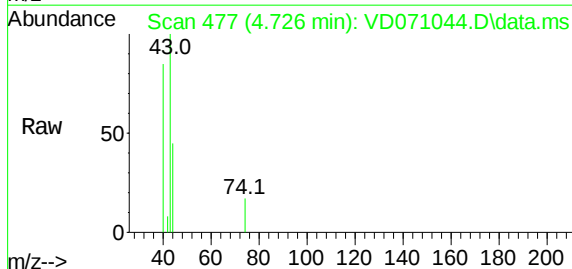
Acq: 16 Nov 2021 15:11

Tgt Ion: 43 Resp: 7848

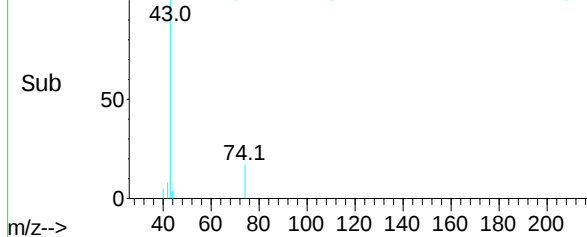
Ion Ratio Lower Upper

43 100

74 21.3 19.3 28.9



Abundance Scan 477 (4.726 min): VD071044.D\data.ms (-424) (-)



Abundance Scan 517 (4.962 min): VD070947.D\data.ms (-503) #20

Methylene Chloride

Concen: 63.55 ug/l

RT: 4.979 min Scan# 517

Delta R.T. 0.017 min

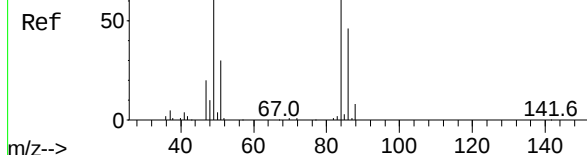
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 4305

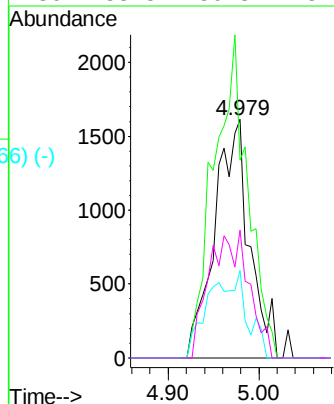
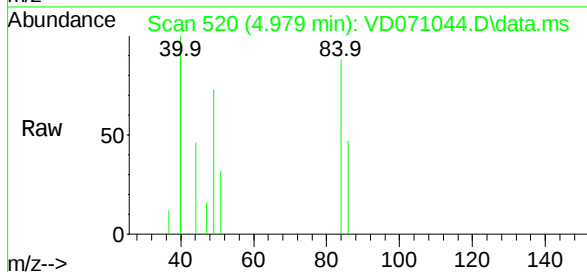
Ion Ratio Lower Upper

84 100

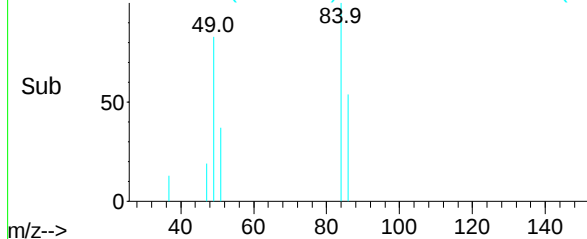
49 82.9 95.8 143.6#

51 36.8 30.9 46.3

86 53.5 50.3 75.5



Abundance Scan 520 (4.979 min): VD071044.D\data.ms (-466) (-)



Abundance Scan 745 (6.303 min): VD070947.D\data.ms (-728) #23

Vinyl Acetate

Concen: 21.53 ug/l

RT: 6.279 min Scan# 741

Delta R.T. -0.024 min

Lab File: VD071044.D

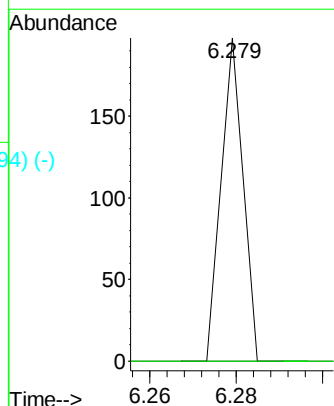
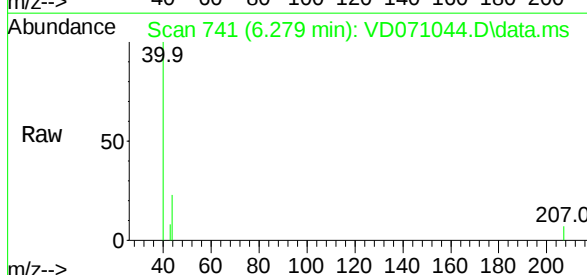
Acq: 16 Nov 2021 15:11

Tgt Ion: 43 Resp: 70

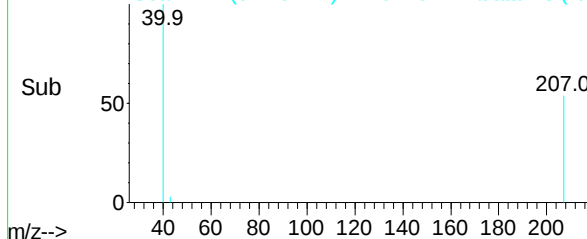
Ion Ratio Lower Upper

43 100

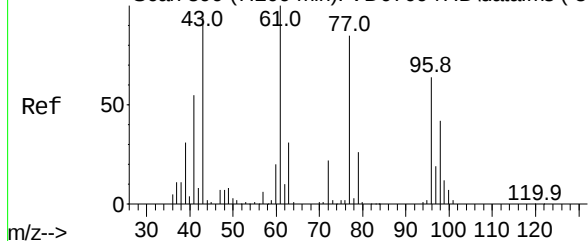
86 0.0 8.2 12.4#



Abundance Scan 741 (6.279 min): VD071044.D\data.ms (-694) (-)



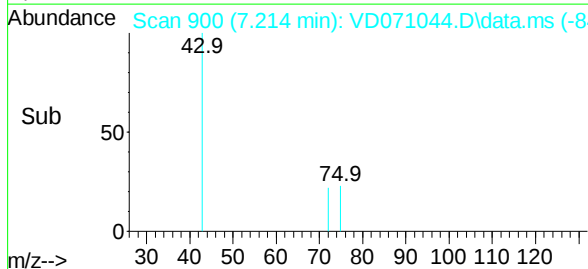
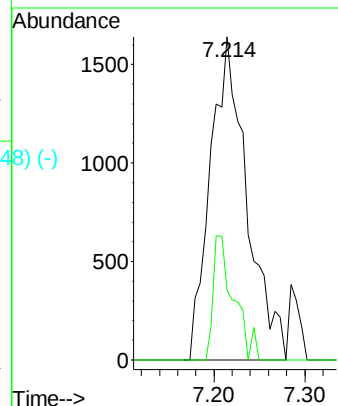
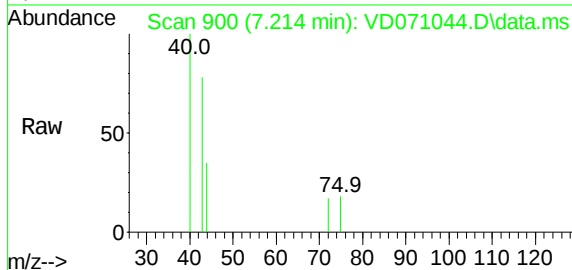
Abundance Scan 899 (7.209 min): VD070947.D\data.ms (-888) #25



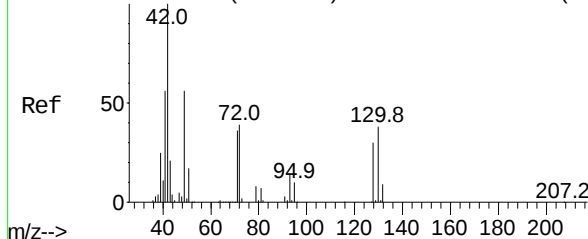
2-Butanone
Concen: 224.00 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4618
Ion Ratio Lower Upper
43 100
72 21.6 23.8 35.6#

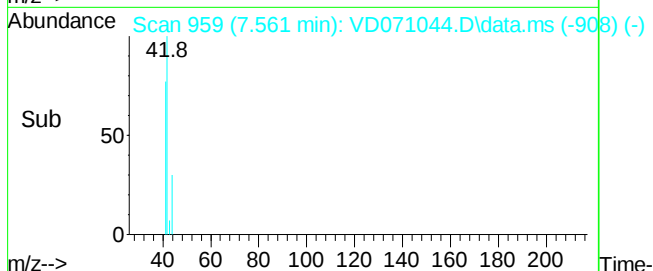
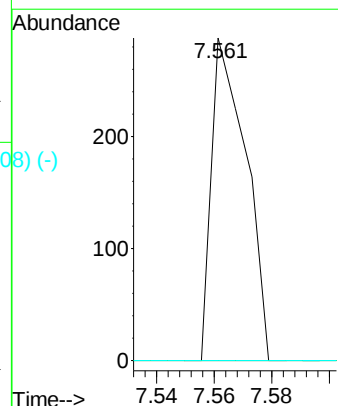
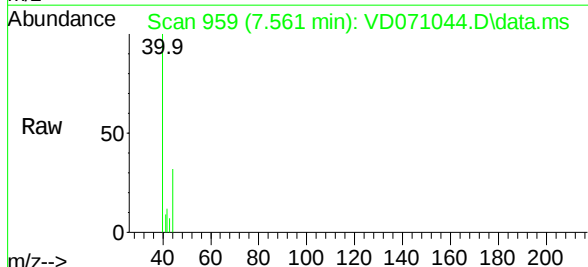


Abundance Scan 959 (7.561 min): VD070947.D\data.ms (-945) #29



Tetrahydrofuran
Concen: 19.71 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Tgt Ion: 42 Resp: 239
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 32.7 49.1#



Abundance Scan 1090 (8.332 min): VD070947.D\data.ms (-10793-)

1,2-Dichloroethane-d4

Concen: 182.37 ug/l

RT: 8.332 min Scan#

Delta R.T. -0.000 min

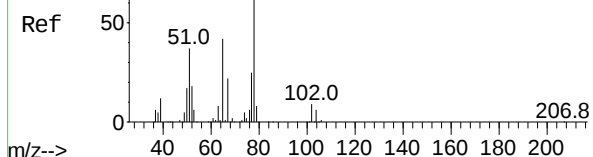
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

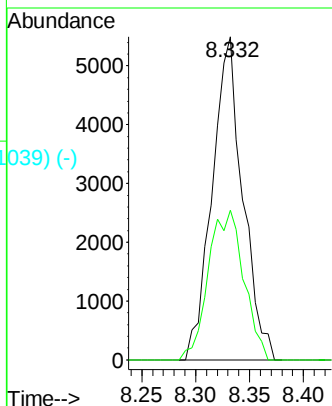
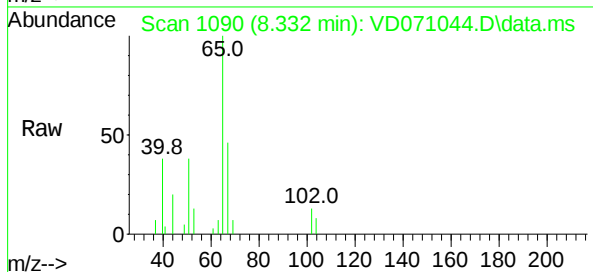


Tgt Ion: 65 Resp: 10885

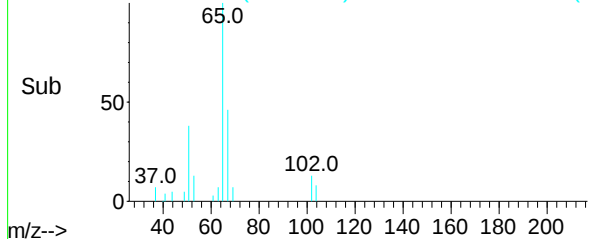
Ion Ratio Lower Upper

65 100

67 53.6 0.0 112.2



Abundance Scan 1090 (8.332 min): VD071044.D\data.ms (-1039-)



Abundance Scan 1180 (8.861 min): VD070947.D\data.ms (-11704-)

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

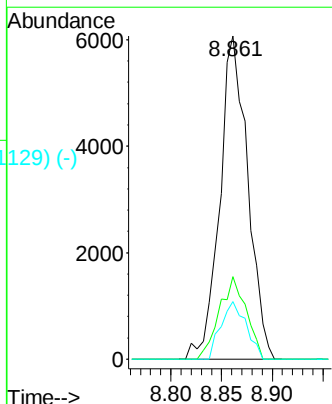
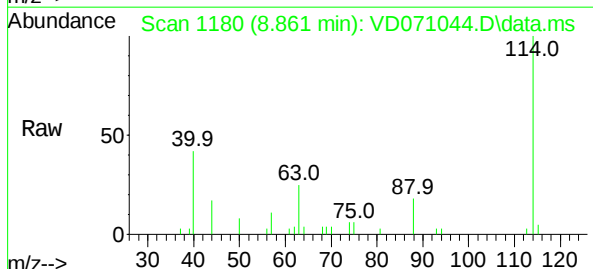
Tgt Ion: 114 Resp: 11668

Ion Ratio Lower Upper

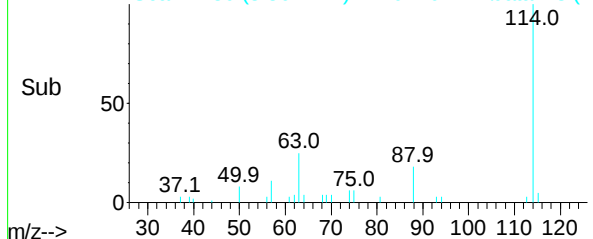
114 100

63 25.4 0.0 41.8

88 17.7 0.0 32.8



Abundance Scan 1180 (8.861 min): VD071044.D\data.ms (-1129-)



Abundance Scan 1019 (7.914 min): VD070947.D\data.ms (-10075-)

Dibromofluoromethane

Concen: 81.14 ug/l

RT: 7.908 min Scan#

Delta R.T. -0.006 min

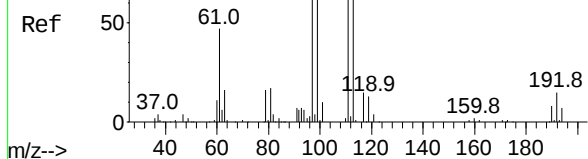
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :



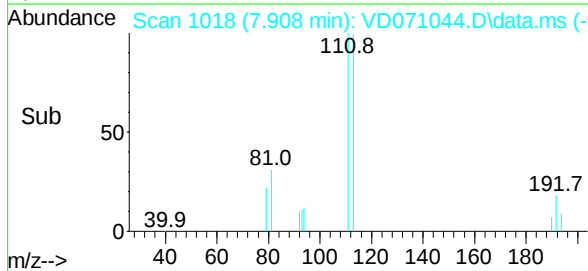
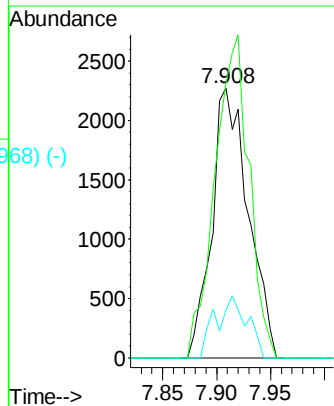
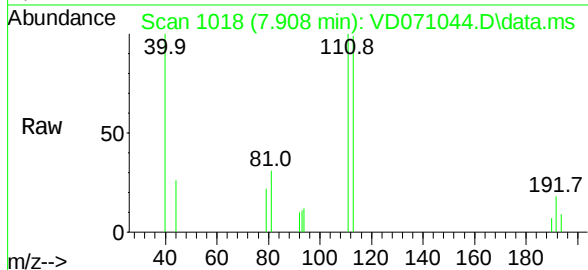
Tgt Ion:113 Resp: 5342

Ion Ratio Lower Upper

113 100

111 112.5 82.0 123.0

192 19.9 15.2 22.8



Abundance Scan 1052 (8.108 min): VD070947.D\data.ms (-10406-)

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.123 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

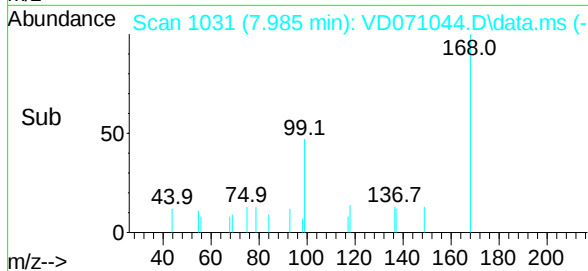
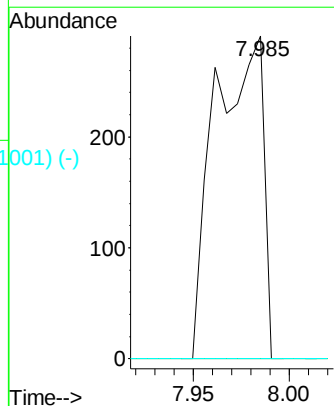
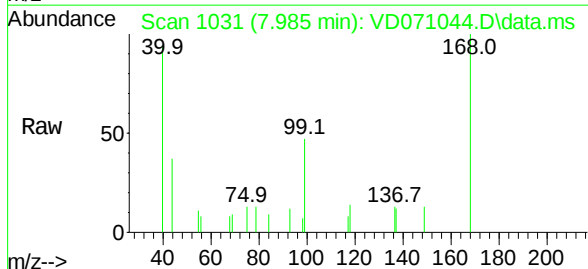
Tgt Ion: 75 Resp: 505

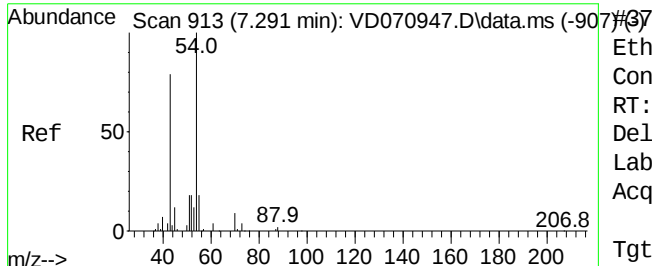
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.4#

77 0.0 24.8 37.2#





Ethyl Acetate

Concen: 6.29 ug/l

RT: 7.285 min Scan#

Delta R.T. -0.006 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

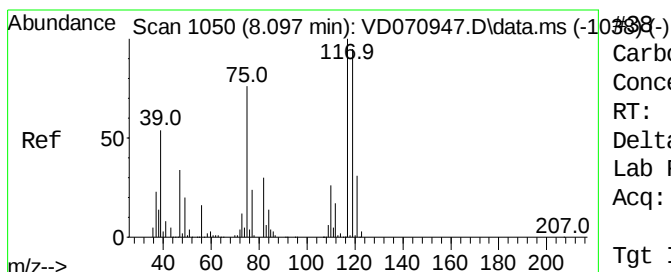
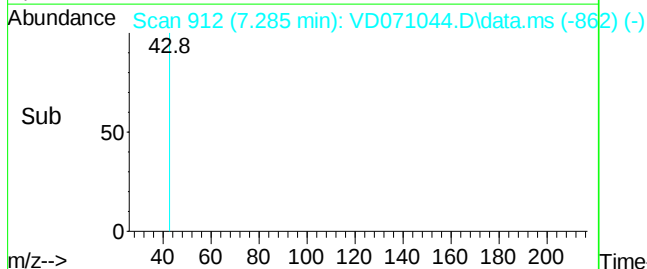
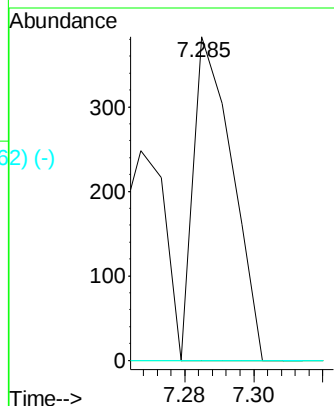
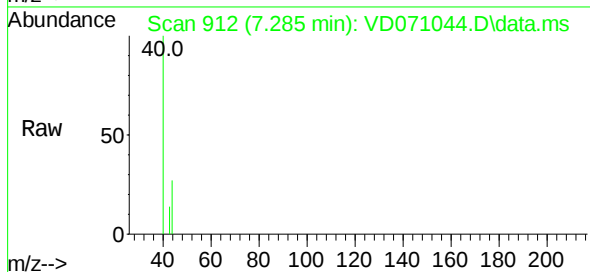
Tgt Ion: 43 Resp: 299

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.6#

70 0.0 8.7 13.1#



Carbon Tetrachloride

Concen: 2.37 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

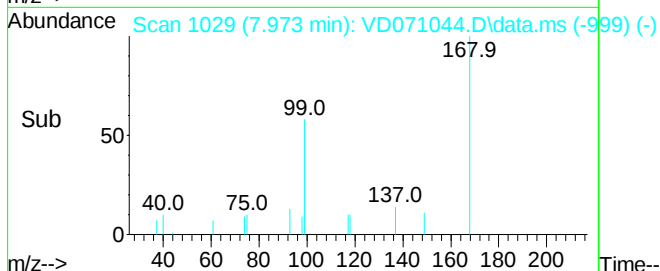
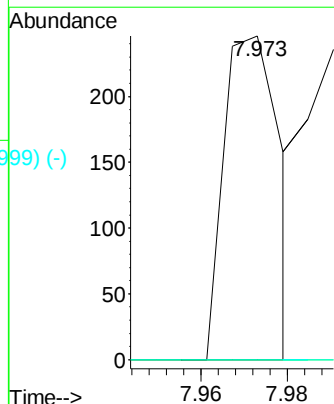
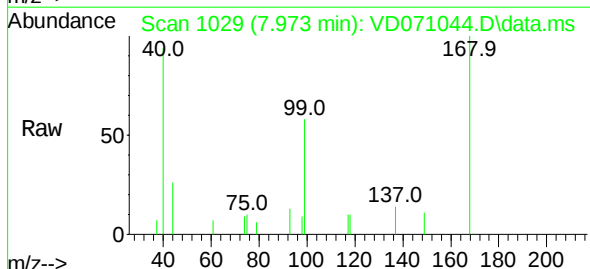
Tgt Ion: 117 Resp: 227

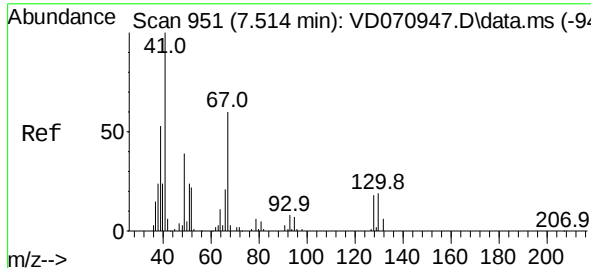
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 23.6 35.4#





Methacrylonitrile

Concen: 8.91 ug/l

RT: 7.561 min Scan#

Delta R.T. 0.047 min

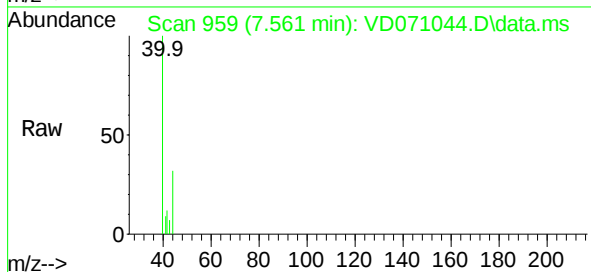
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 41 Resp: 203

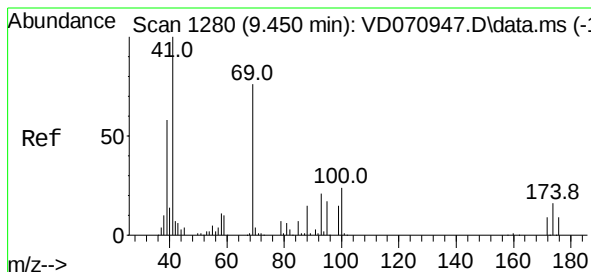
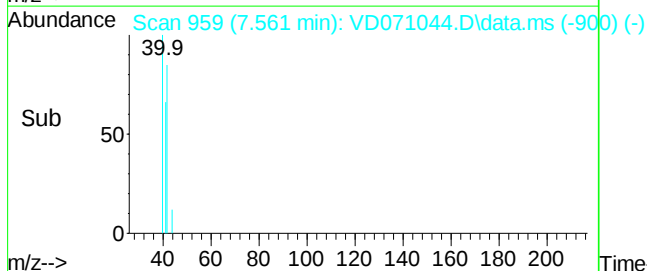
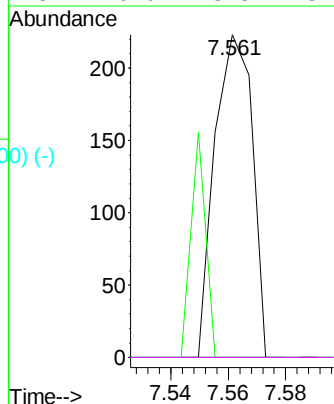
Ion Ratio Lower Upper

41 100

39 27.1 60.2 90.4#

67 0.0 74.8 112.2#

52 0.0 28.8 43.2#



Methyl methacrylate

Concen: 10.48 ug/l

RT: 9.332 min Scan# 1260

Delta R.T. -0.118 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

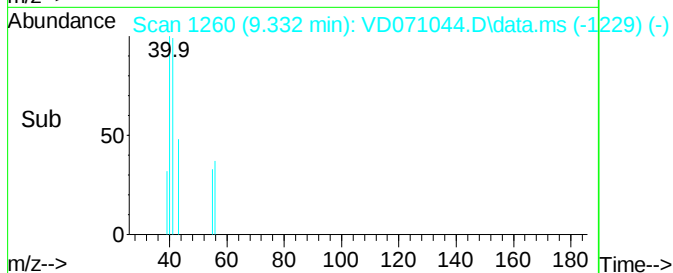
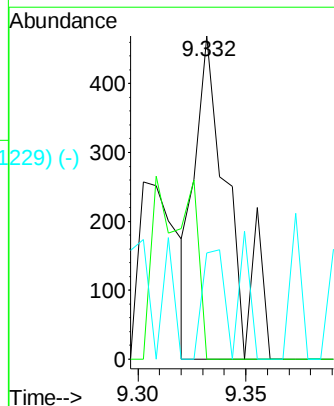
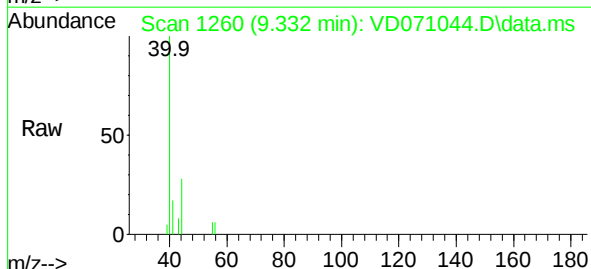
Tgt Ion: 41 Resp: 517

Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.6#

39 21.3 35.6 53.4#



Abundance Scan 1431 (10.338 min): VD070947.D\data.ms (-1451) (-)

Toluene-d8

Concen: 27.26 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

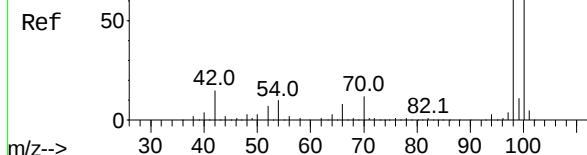
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

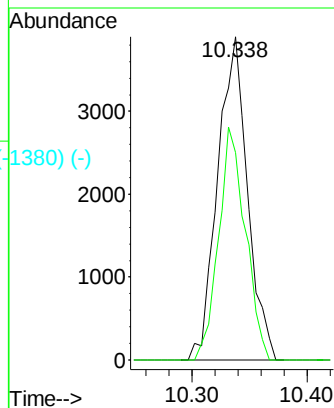
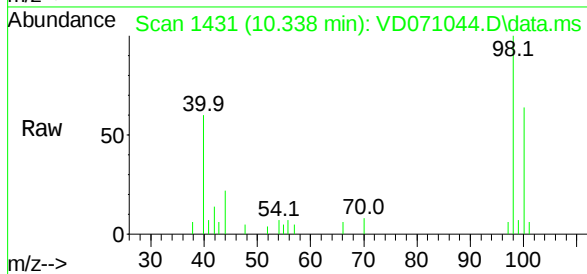


Tgt Ion: 98 Resp: 7030

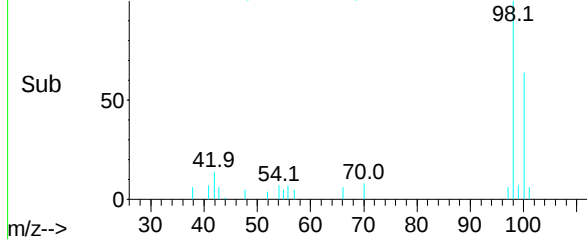
Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6



Abundance Scan 1431 (10.338 min): VD071044.D\data.ms (-1380) (-)



Abundance Scan 1411 (10.220 min): VD070947.D\data.ms (-1451) (-)

4-Methyl-2-Pentanone

Concen: 7.83 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.000 min

Lab File: VD071044.D

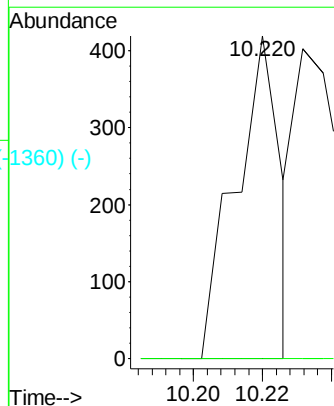
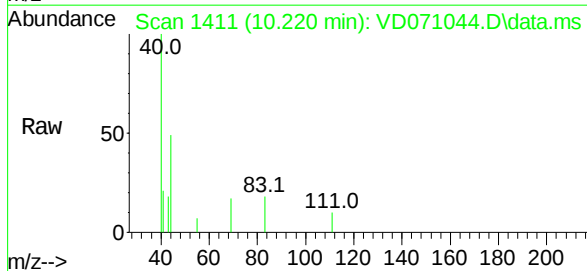
Acq: 16 Nov 2021 15:11

Tgt Ion: 43 Resp: 382

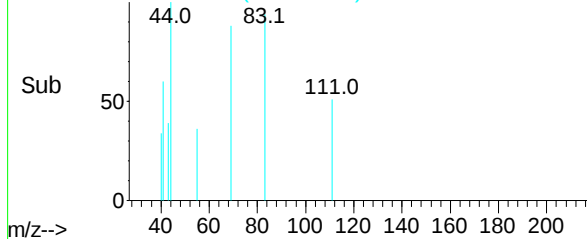
Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



Abundance Scan 1411 (10.220 min): VD071044.D\data.ms (-1360) (-)



Abundance Scan 1508 (10.791 min): VD070947.D\data.ms (-1555) (-)

1,1,2-Trichloroethane

Concen: 11.58 ug/l

RT: 10.767 min Scan#

Delta R.T. -0.024 min

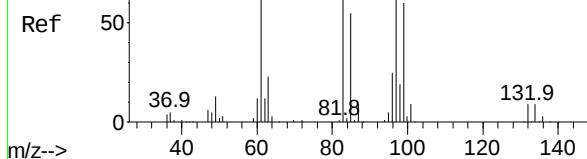
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 601

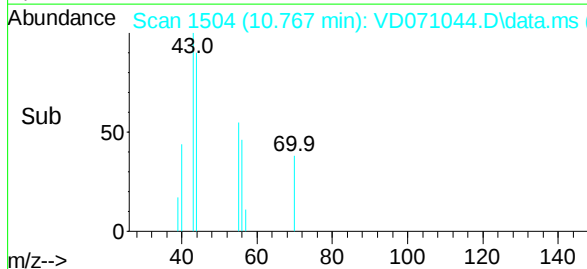
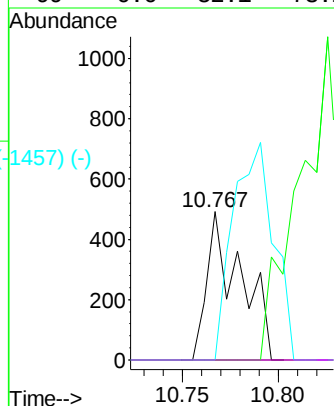
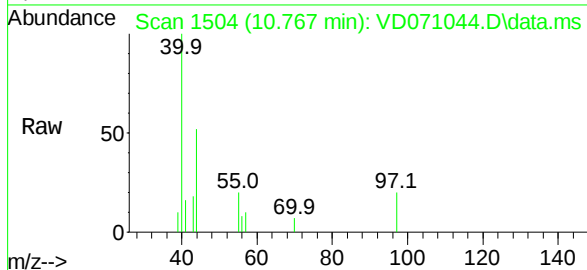
Ion Ratio Lower Upper

97 100

83 0.0 65.2 97.8#

85 0.0 43.4 65.0#

99 0.0 52.1 78.1#



Abundance Scan 1485 (10.655 min): VD070947.D\data.ms (-1456) (-)

Ethyl methacrylate

Concen: 55.69 ug/l

RT: 10.632 min Scan# 1481

Delta R.T. -0.023 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

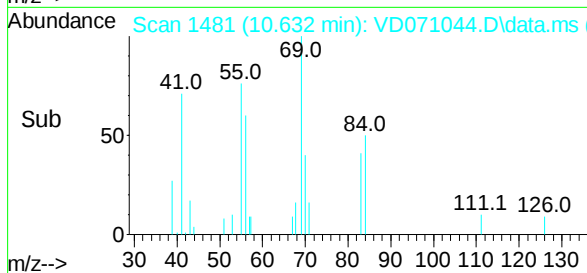
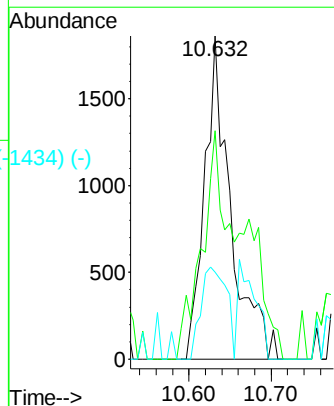
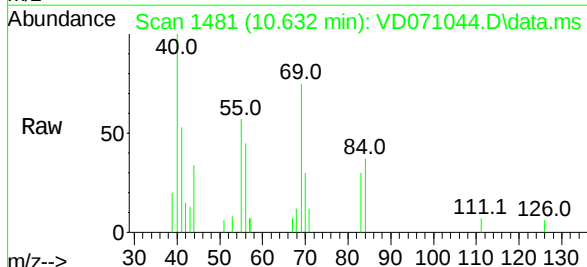
Tgt Ion: 69 Resp: 4090

Ion Ratio Lower Upper

69 100

41 68.8 50.2 75.2

39 27.9 19.8 29.8



Abundance Scan 1540 (10.979 min): VD070947.D\data.ms (-1559) (-)

2-Hexanone

Concen: 190.81 ug/l

RT: 10.949 min Scan# 1540

Delta R.T. -0.030 min

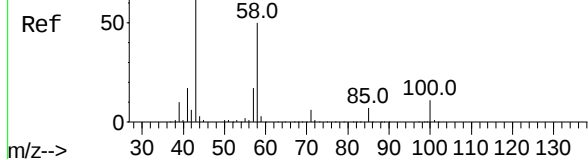
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

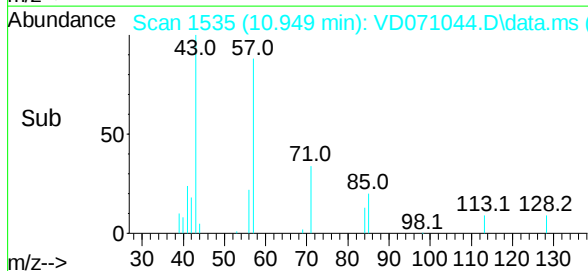
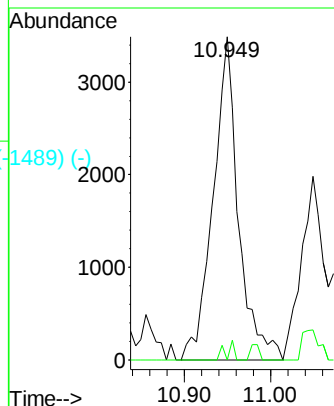
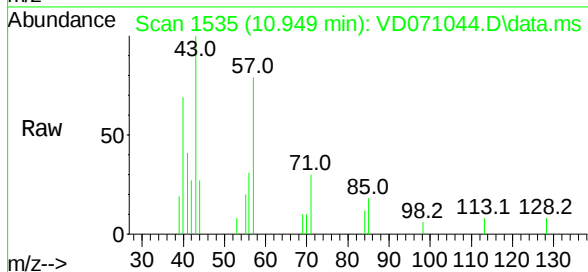


Tgt Ion: 43 Resp: 7123

Ion Ratio Lower Upper

43 100

58 0.8 28.7 86.1#



Abundance Scan 1819 (12.620 min): VD070947.D\data.ms (-1768) (-)

4-Bromofluorobenzene

Concen: 201.50 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

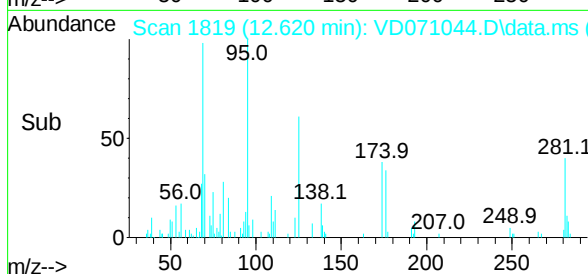
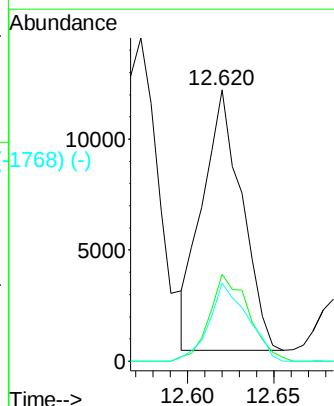
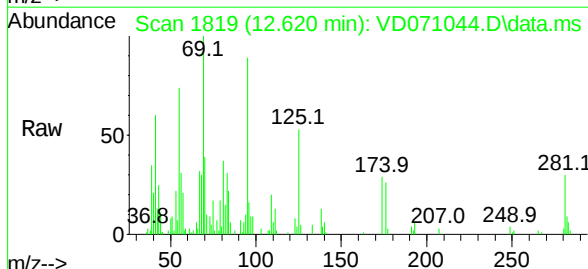
Tgt Ion: 95 Resp: 18707

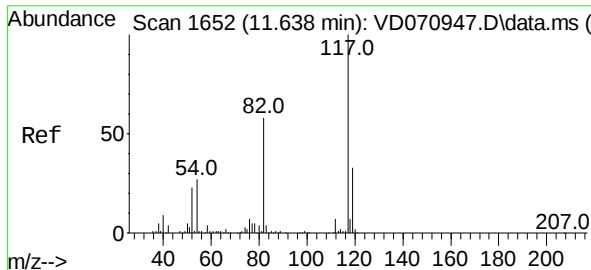
Ion Ratio Lower Upper

95 100

174 33.2 0.0 159.4

176 28.9 0.0 154.0

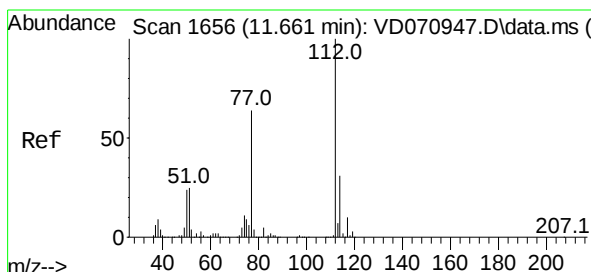
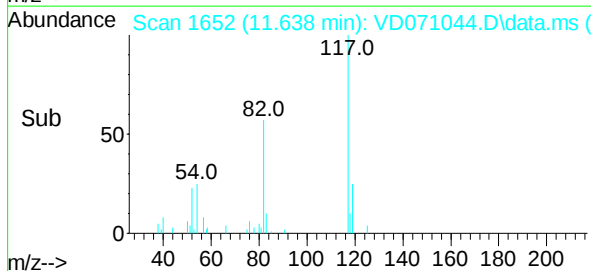
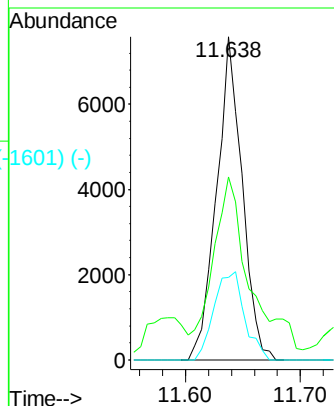
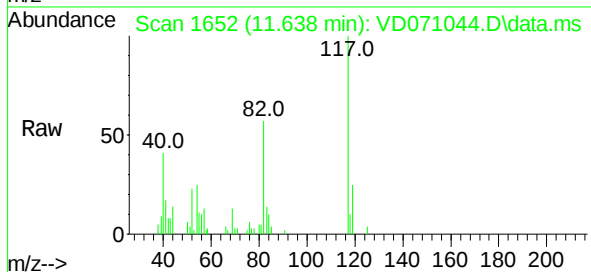




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

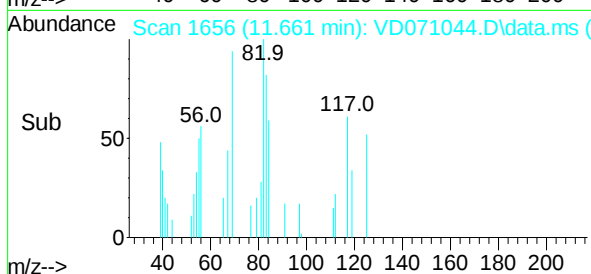
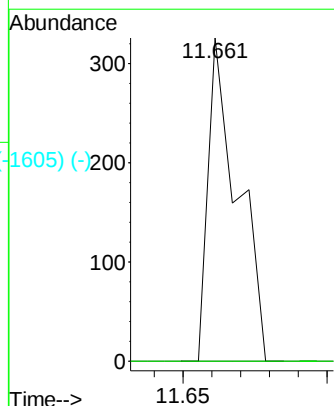
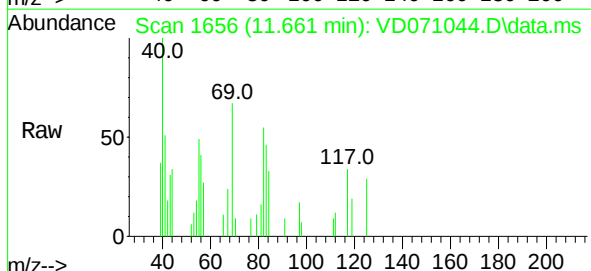
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	117	Resp:	11741
Ion	Ratio	Lower	Upper
117	100		
82	45.7	44.7	67.1
119	25.4	26.2	39.4#

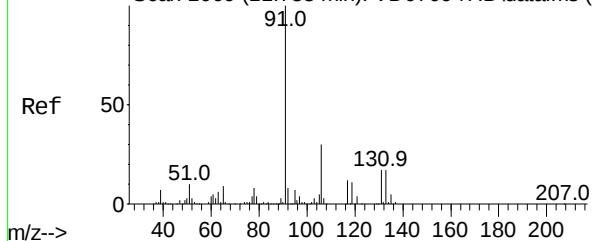


Chlorobenzene
Concen: 1.11 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Tgt Ion:	112	Resp:	232
Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.0	39.0#



Abundance Scan 1669 (11.738 min): VD070947.D\data.ms (-1667) (-)



Ethyl Benzene

Concen: 2.09 ug/l

RT: 11.732 min Scan# 1667

Delta R.T. -0.006 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

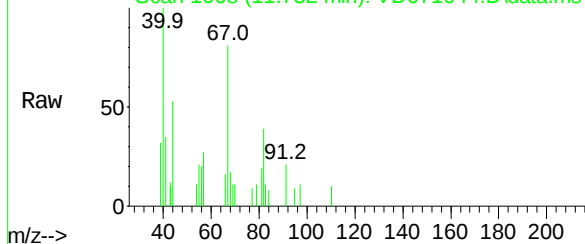
Tgt Ion: 91 Resp: 831

Ion Ratio Lower Upper

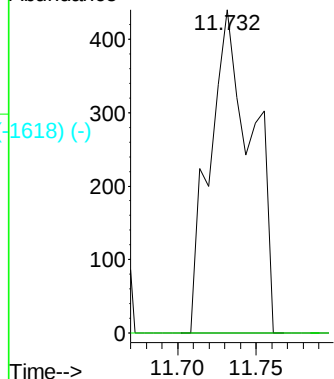
91 100

106 0.0 24.6 36.8#

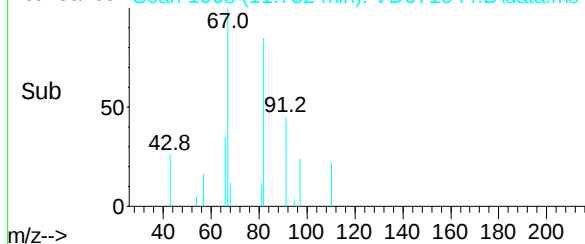
Abundance Scan 1668 (11.732 min): VD071044.D\data.ms



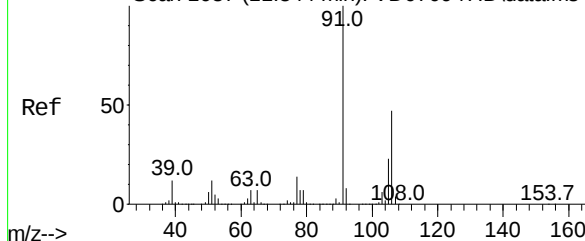
Abundance



Abundance Scan 1668 (11.732 min): VD071044.D\data.ms (-1618) (-)



Abundance Scan 1687 (11.844 min): VD070947.D\data.ms (-1668) (-)



m/p-Xylenes

Concen: 3.43 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

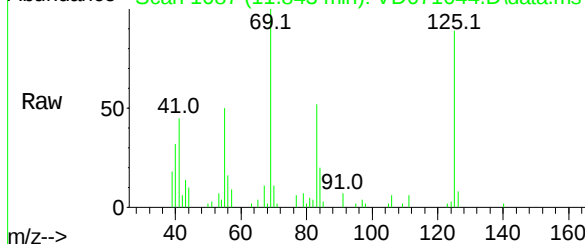
Tgt Ion:106 Resp: 508

Ion Ratio Lower Upper

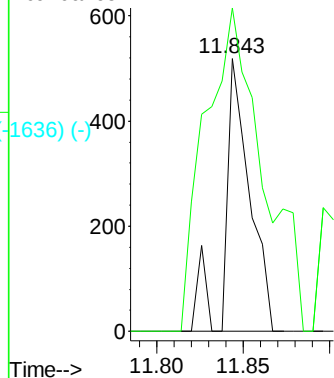
106 100

91 281.5 160.1 240.1#

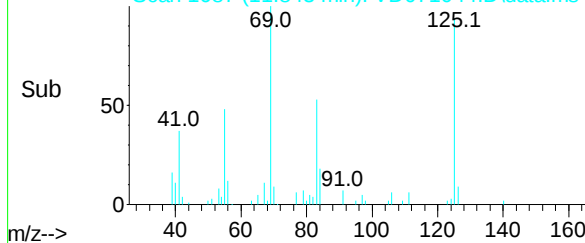
Abundance Scan 1687 (11.843 min): VD071044.D\data.ms

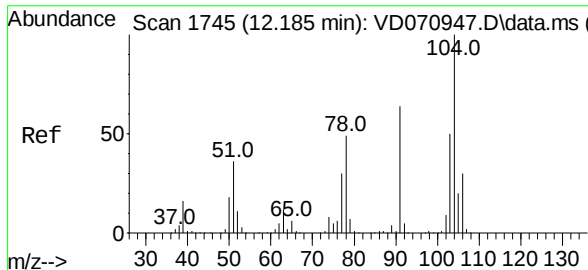


Abundance



Abundance Scan 1687 (11.843 min): VD071044.D\data.ms (-1636) (-)

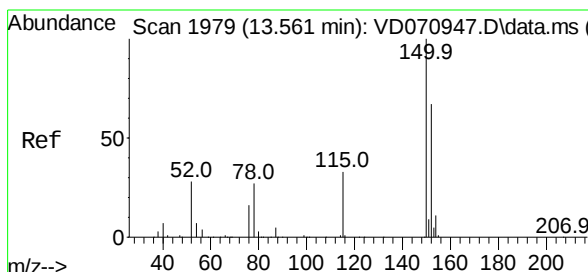
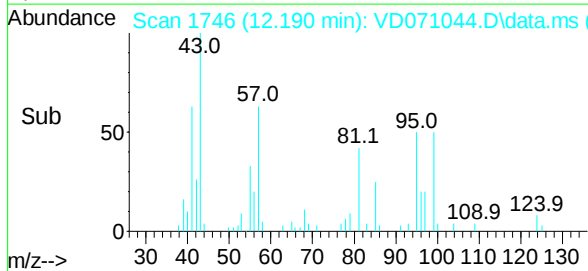
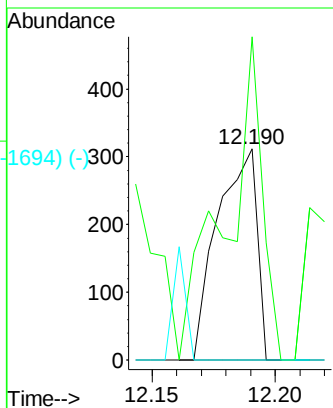
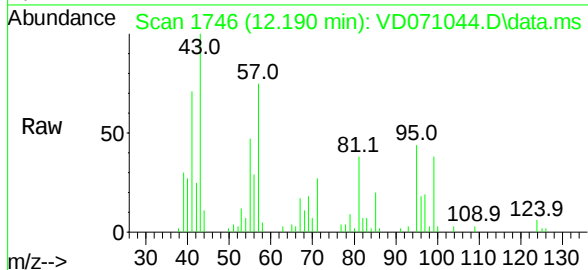




Styrene
Concen: 1.45 ug/l
RT: 12.190 min Scan# 1739
Delta R.T. 0.005 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

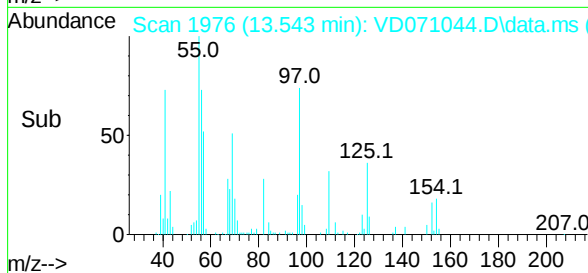
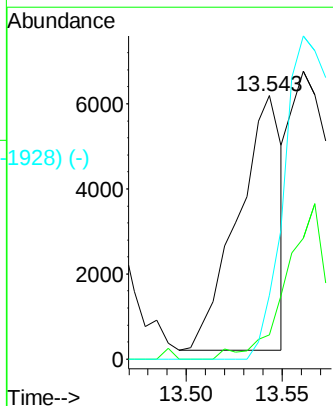
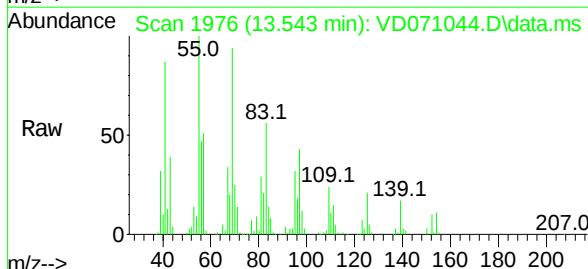
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	104	Resp:	346
Ion	Ratio	Lower	Upper
104	100		
78	141.3	39.4	59.0#
103	0.0	43.4	65.0#



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.543 min Scan# 1976
Delta R.T. -0.018 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Tgt Ion:	152	Resp:	9551
Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.8	89.3#
150	0.0	0.0	349.2



Abundance Scan 1794 (12.473 min): VD070947.D\data.ms (-1743) (-)

Isopropylbenzene

Concen: 4.54 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. -0.000 min

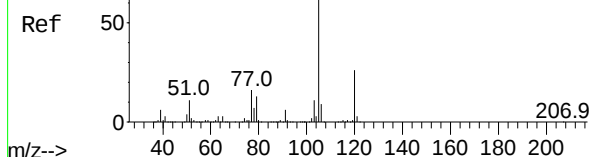
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

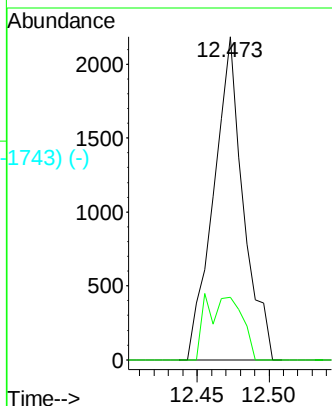
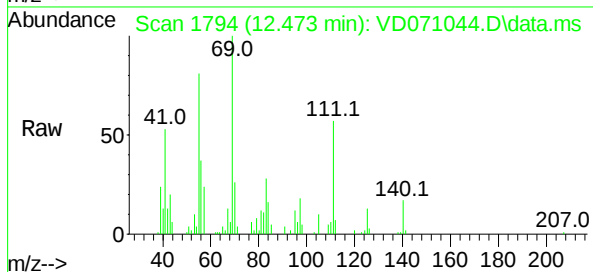


Tgt Ion: 105 Resp: 3125

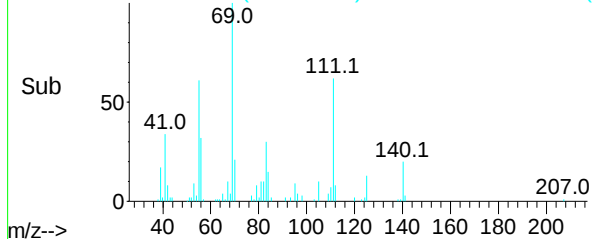
Ion Ratio Lower Upper

105 100

120 23.7 13.2 39.5



Abundance Scan 1794 (12.473 min): VD071044.D\data.ms (-1743) (-)



Abundance Scan 1761 (12.279 min): VD070947.D\data.ms (-1754) (-)

N-amyI acetate

Concen: 168.44 ug/l

RT: 12.261 min Scan# 1758

Delta R.T. -0.018 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Tgt Ion: 43 Resp: 33111

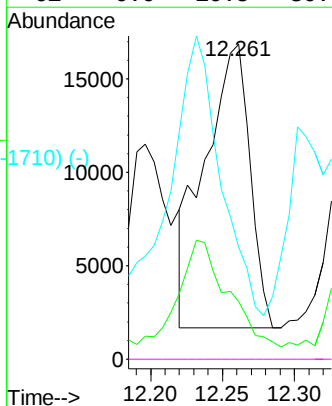
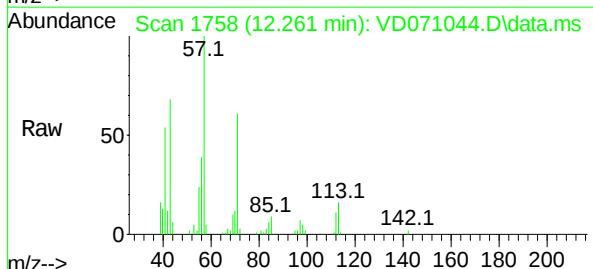
Ion Ratio Lower Upper

43 100

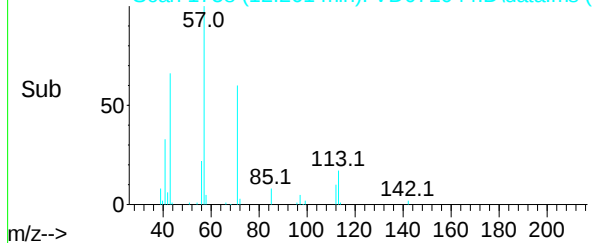
70 0.0 36.6 55.0#

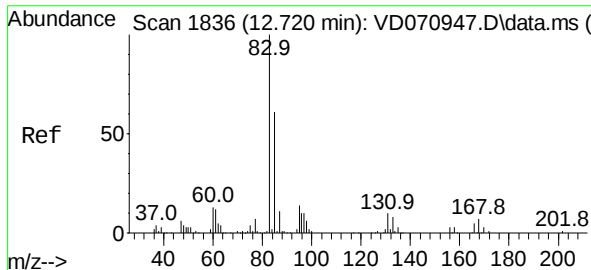
55 0.0 22.5 33.7#

61 0.0 20.5 30.7#



Abundance Scan 1758 (12.261 min): VD071044.D\data.ms (-1710) (-)

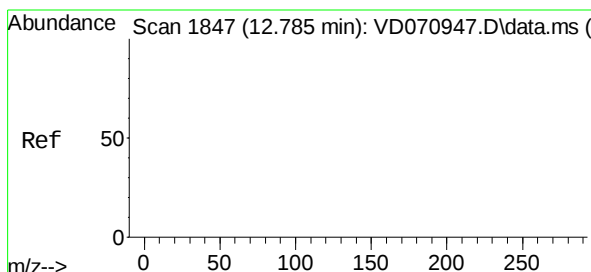
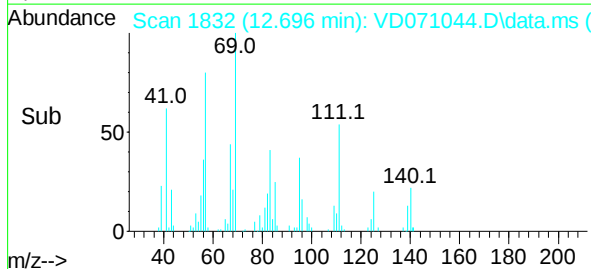
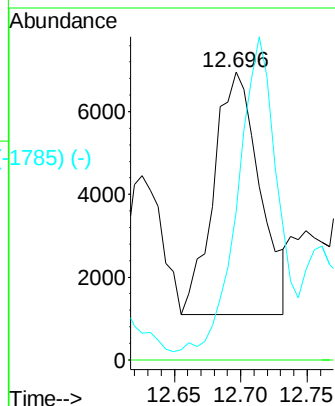
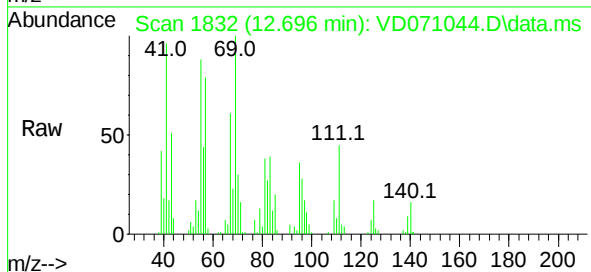




1,1,2,2-Tetrachloroethane
 Concen: 119.48 ug/l
 RT: 12.696 min Scan# 1836
 Delta R.T. -0.024 min
 Lab File: VD071044.D
 Acq: 16 Nov 2021 15:11

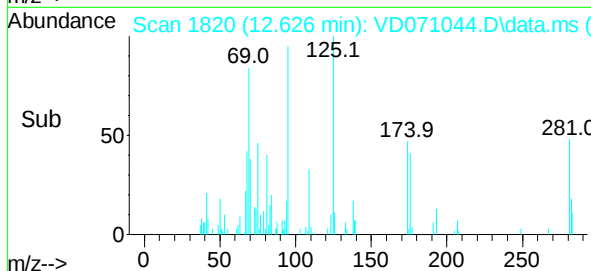
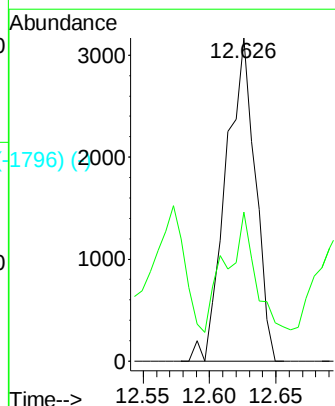
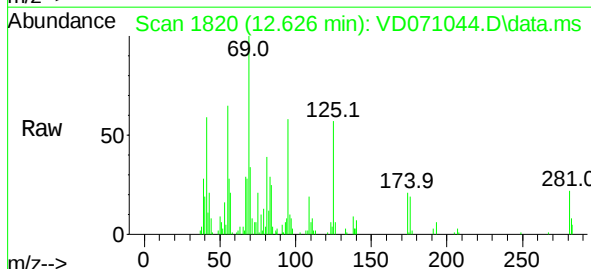
Instrument :
 MSVOA_D
 ClientSampleId :

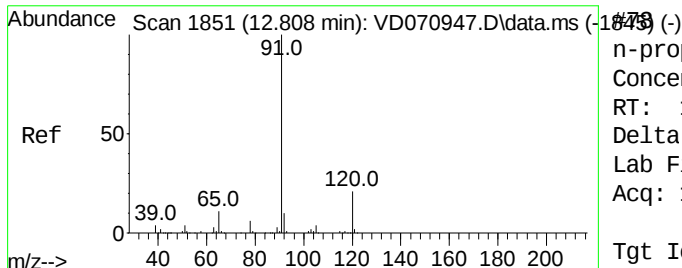
Tgt Ion: 83 Resp: 14150
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.9 14.7#
 85 111.7 32.0 96.2#



1,2,3-Trichloropropane
 Concen: 59.67 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.159 min
 Lab File: VD071044.D
 Acq: 16 Nov 2021 15:11

Tgt Ion: 75 Resp: 4868
 Ion Ratio Lower Upper
 75 100
 77 37.8 158.4 475.3#





n-propylbenzene

Concen: 5.71 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

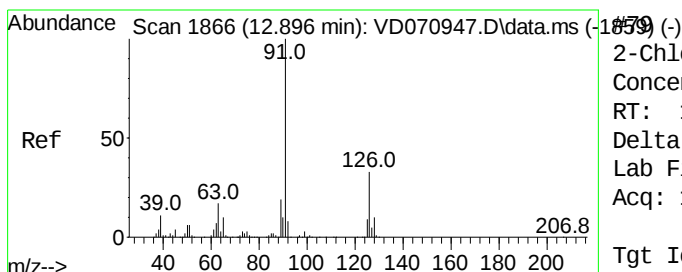
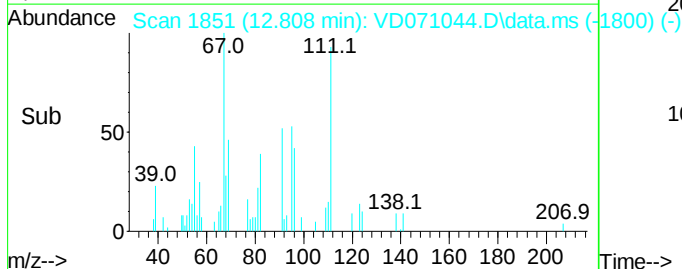
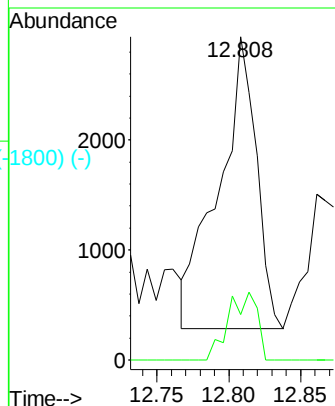
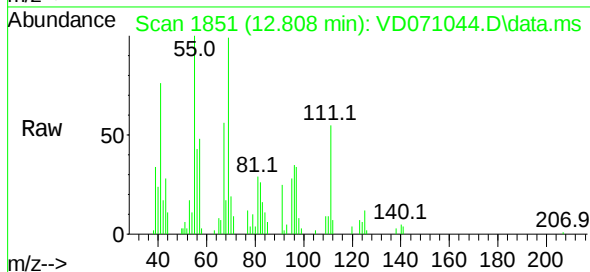
ClientSampleId :

Tgt Ion: 91 Resp: 4867

Ion Ratio Lower Upper

91 100

120 17.6 10.9 32.9



2-Chlorotoluene

Concen: 10.01 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.088 min

Lab File: VD071044.D

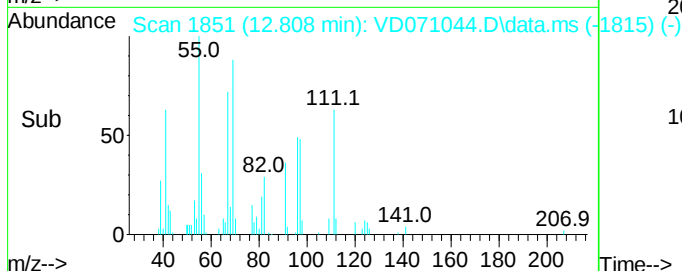
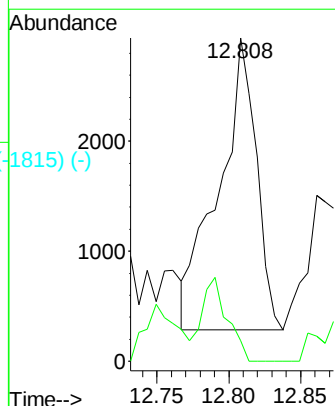
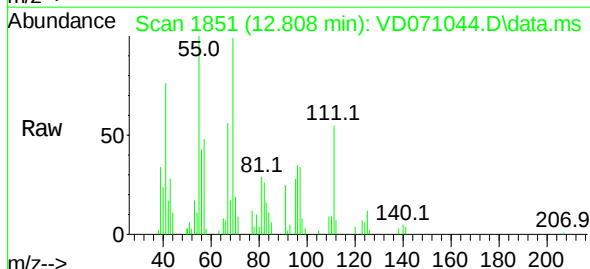
Acq: 16 Nov 2021 15:11

Tgt Ion: 91 Resp: 4867

Ion Ratio Lower Upper

91 100

126 19.1 16.6 49.7



Abundance Scan 1875 (12.949 min): VD070947.D\data.ms (-1869) (-)

1,3,5-Trimethylbenzene

Concen: 2.18 ug/l

RT: 12.949 min Scan# 1869

Delta R.T. 0.000 min

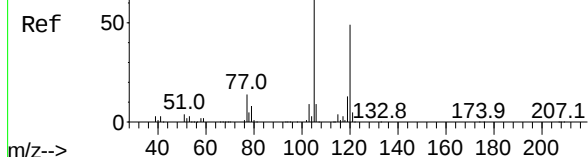
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

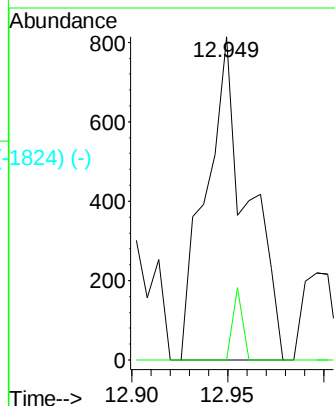
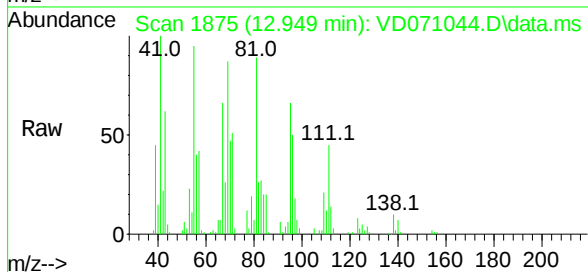


Tgt Ion:105 Resp: 1236

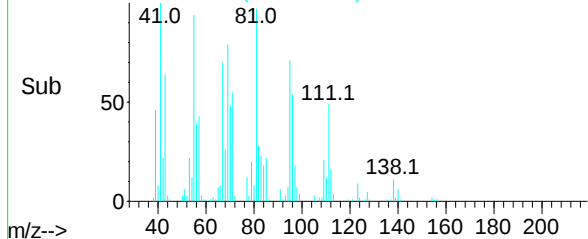
Ion Ratio Lower Upper

105 100

120 5.2 24.6 73.8#



Abundance Scan 1875 (12.949 min): VD071044.D\data.ms (-1824) (-)



Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-1781) (-)

trans-1,4-Dichloro-2-butene

Concen: 110.58 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.112 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

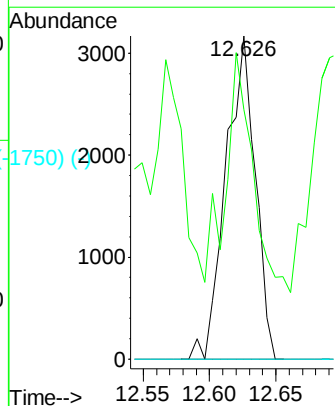
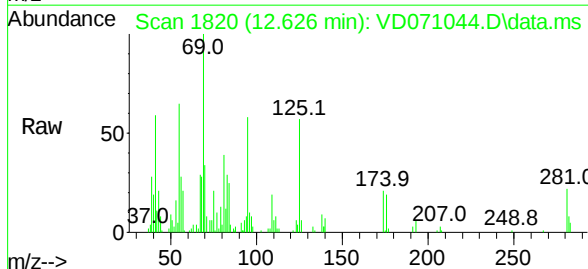
Tgt Ion: 75 Resp: 4868

Ion Ratio Lower Upper

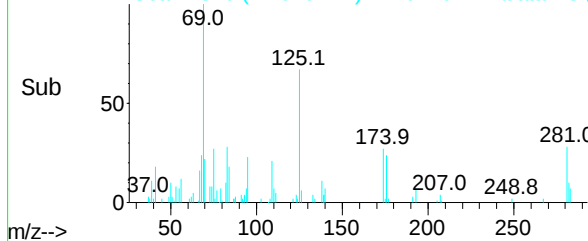
75 100

53 67.7 62.6 94.0

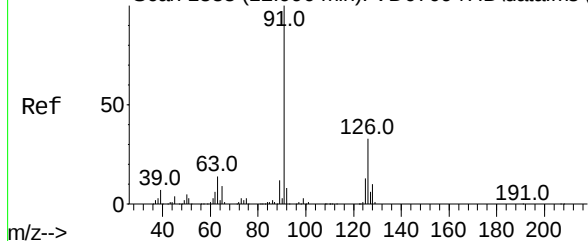
89 0.0 34.5 51.7#



Abundance Scan 1820 (12.626 min): VD071044.D\data.ms (-1750) (-)



Abundance Scan 1883 (12.996 min): VD070947.D\data.ms (-1832) (-)



4-Chlorotoluene

Concen: 10.77 ug/l

RT: 12.808 min Scan# 1883

Delta R.T. -0.188 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :

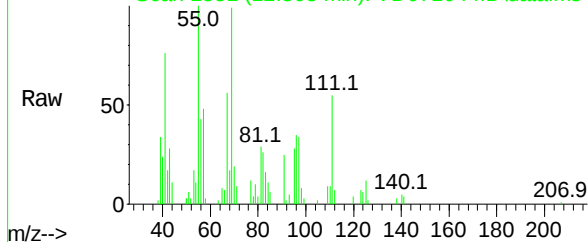
Tgt Ion: 91 Resp: 5403

Ion Ratio Lower Upper

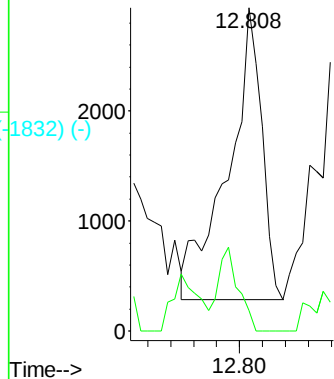
91 100

126 17.2 16.4 49.1

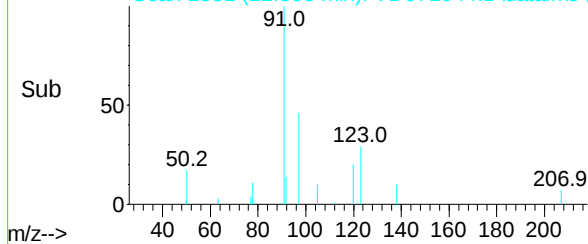
Abundance Scan 1851 (12.808 min): VD071044.D\data.ms



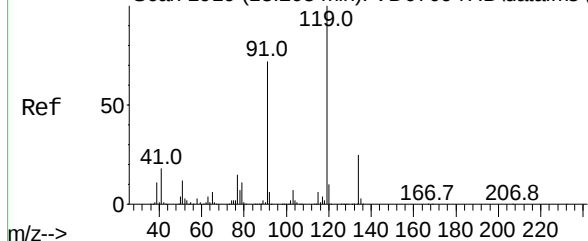
Abundance



Abundance Scan 1851 (12.808 min): VD071044.D\data.ms (-1832) (-)



Abundance Scan 1919 (13.208 min): VD070947.D\data.ms (-1832) (-)



tert-Butylbenzene

Concen: 14.76 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.006 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Tgt Ion: 119 Resp: 7202

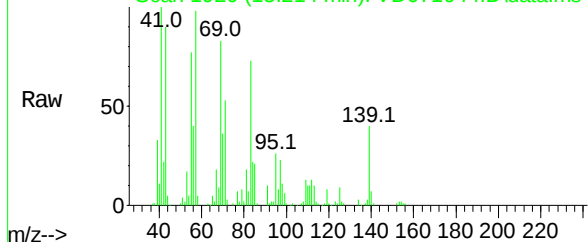
Ion Ratio Lower Upper

119 100

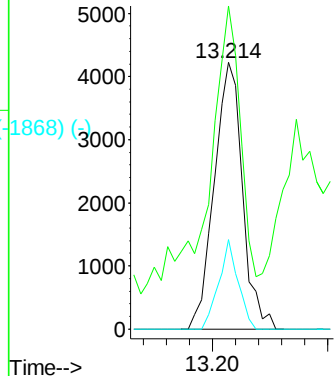
91 122.1 32.5 97.5#

134 23.0 13.2 39.6

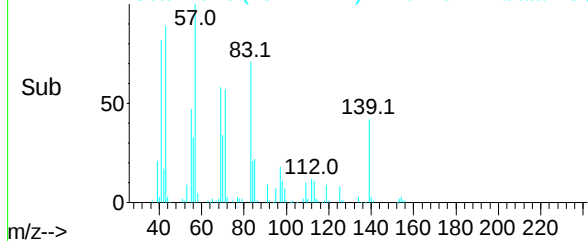
Abundance Scan 1920 (13.214 min): VD071044.D\data.ms



Abundance



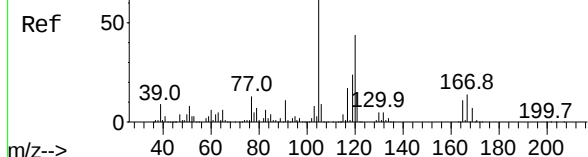
Abundance Scan 1920 (13.214 min): VD071044.D\data.ms (-1868) (-)



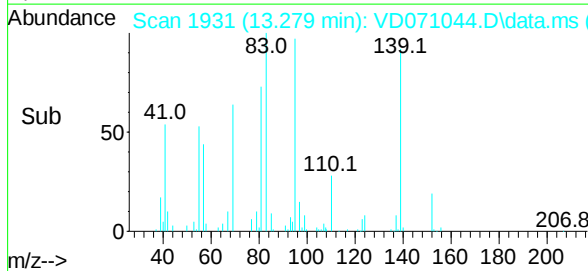
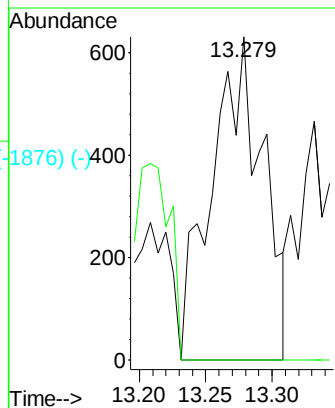
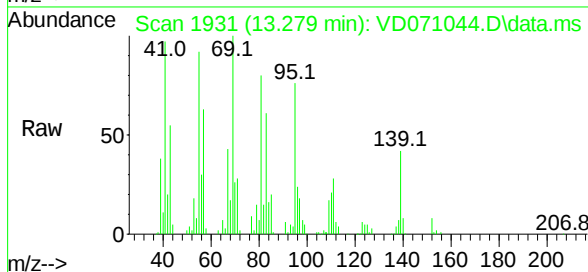
Abundance Scan 1927 (13.255 min): VD070947.D\data.ms (-1984) (-)

1,2,4-Trimethylbenzene
Concen: 3.05 ug/l
RT: 13.279 min Scan# 1931
Delta R.T. 0.024 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Instrument :
MSVOA_D
ClientSampleId :



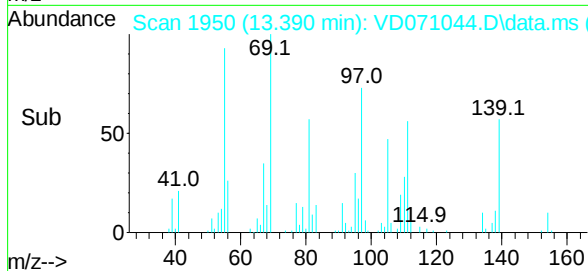
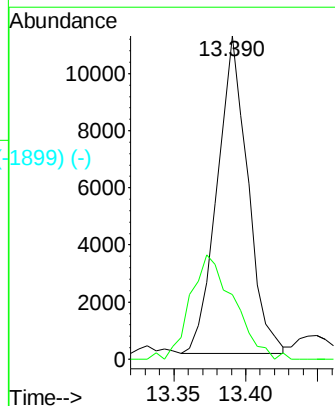
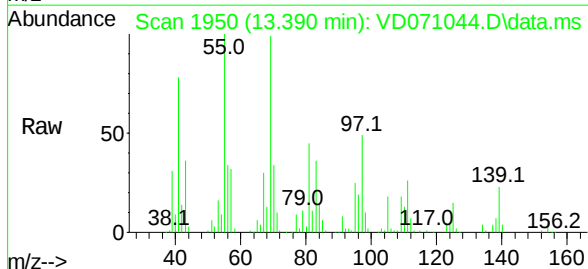
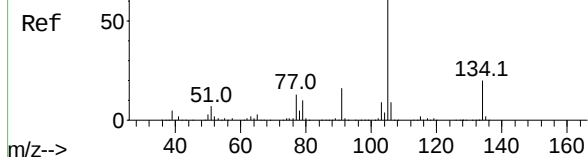
Tgt Ion:105 Resp: 1693
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#



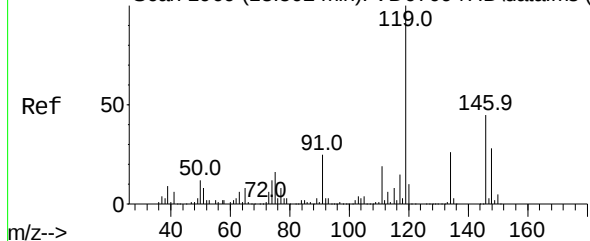
Abundance Scan 1950 (13.391 min): VD070947.D\data.ms (-1985) (-)

sec-Butylbenzene
Concen: 22.39 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.001 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Tgt Ion:105 Resp: 16425
Ion Ratio Lower Upper
105 100
134 46.8 9.7 28.9#



Abundance Scan 1969 (13.502 min): VD070947.D\data.ms (-1969) (-)

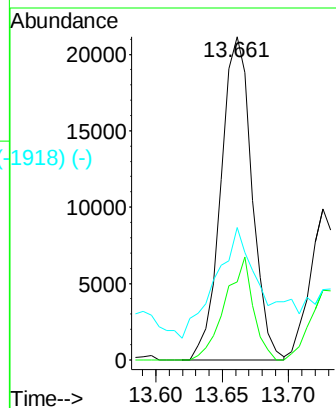
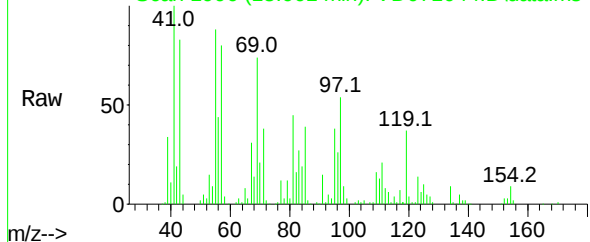


p-Isopropyltoluene
Concen: 58.27 ug/l
RT: 13.661 min Scan# 1969
Delta R.T. 0.159 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

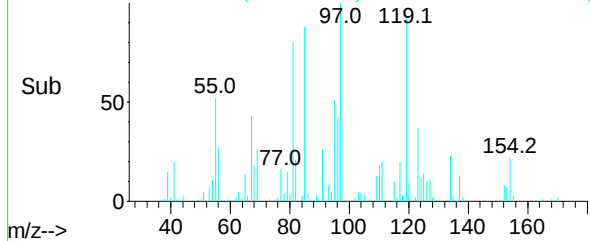
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	119	Resp:	34330
Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.0	38.9
91	52.1	11.4	34.2#

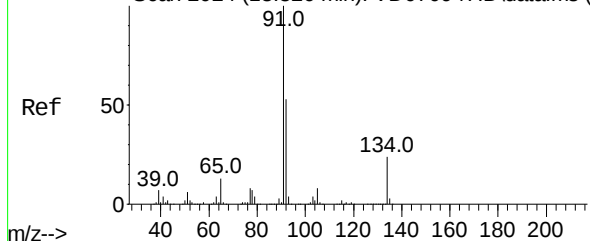
Abundance Scan 1996 (13.661 min): VD071044.D\data.ms



Abundance Scan 1996 (13.661 min): VD071044.D\data.ms (-1918) (-)



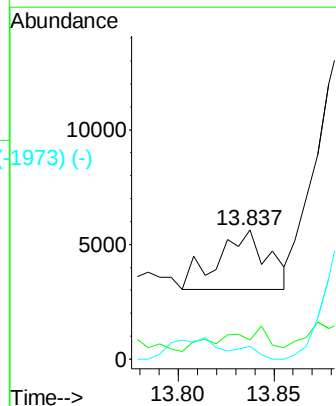
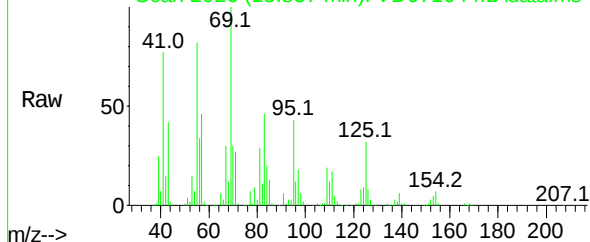
Abundance Scan 2024 (13.826 min): VD070947.D\data.ms (-2029) (-)



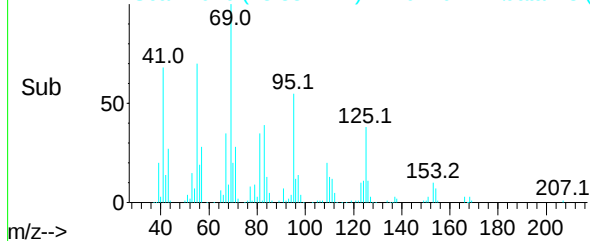
n-Butylbenzene
Concen: 7.91 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.011 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

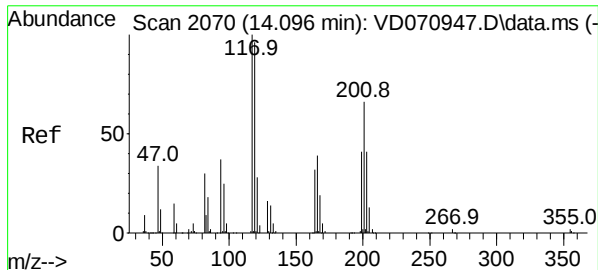
Tgt Ion:	91	Resp:	4686
Ion	Ratio	Lower	Upper
91	100		
92	36.2	27.3	81.9
134	0.0	12.3	36.9#

Abundance Scan 2026 (13.837 min): VD071044.D\data.ms



Abundance Scan 2026 (13.837 min): VD071044.D\data.ms (-1973) (-)

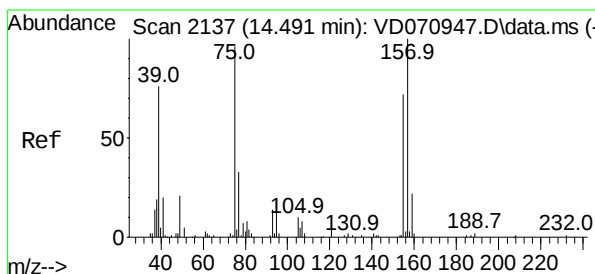
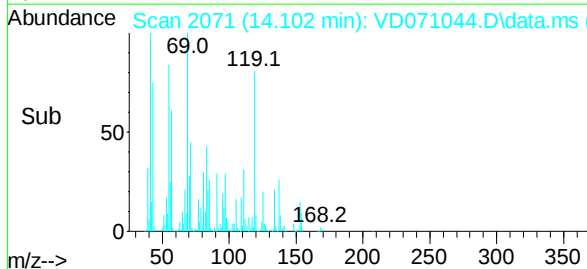
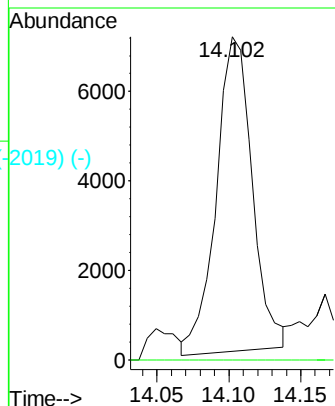
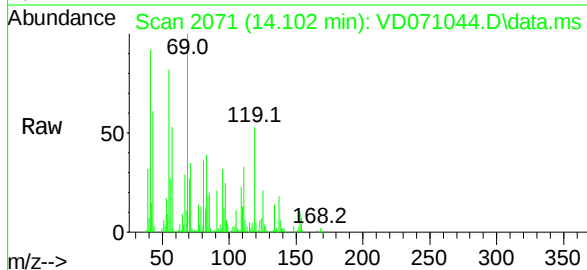




Hexachloroethane
Concen: 104.85 ug/l
RT: 14.102 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

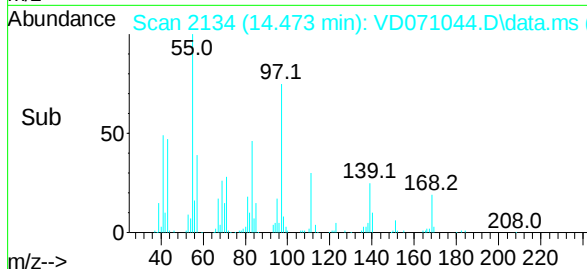
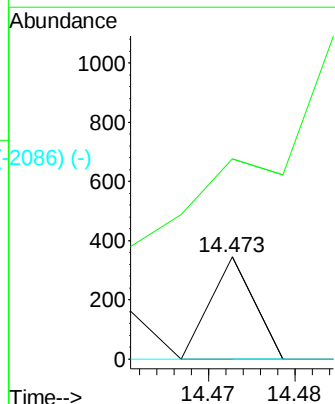
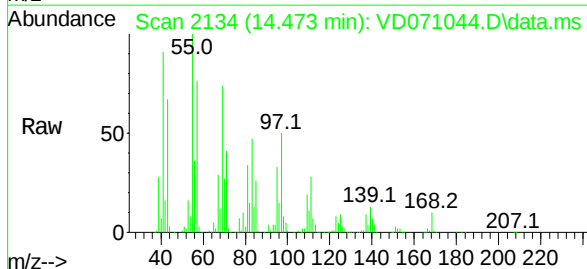
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 12223
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



1,2-Dibromo-3-Chloropropane
Concen: 6.28 ug/l
RT: 14.473 min Scan# 2134
Delta R.T. -0.018 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
155 1228.7 40.0 120.0#
157 0.0 49.8 149.3#



Abundance Scan 2248 (15.143 min): VD070947.D\data.ms (-2299) (-)

1,2,4-Trichlorobenzene

Concen: 103.59 ug/l

RT: 15.179 min Scan# 2199

Delta R.T. 0.036 min

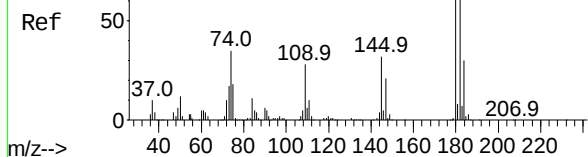
Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

Instrument :

MSVOA_D

ClientSampleId :



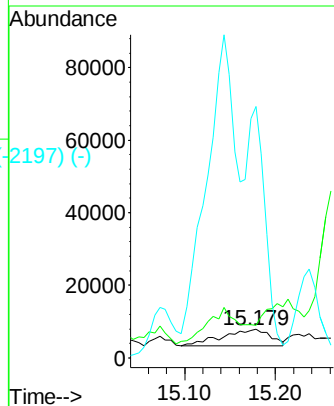
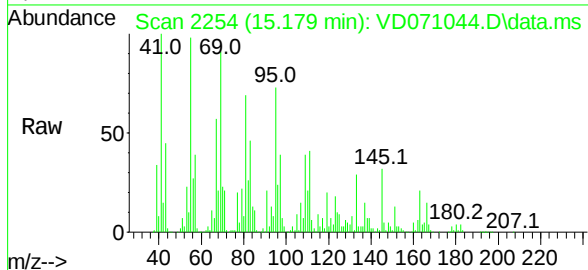
Tgt Ion:180 Resp: 16507

Ion Ratio Lower Upper

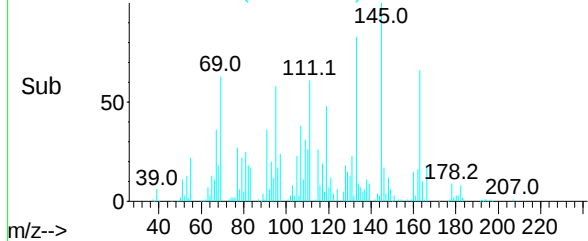
180 100

182 0.0 48.2 144.6#

145 506.8 15.4 46.2#



Abundance Scan 2254 (15.179 min): VD071044.D\data.ms (-2197) (-)



Abundance Scan 2288 (15.379 min): VD070947.D\data.ms (-2295) (-)

Naphthalene

Concen: 59.58 ug/l

RT: 15.343 min Scan# 2282

Delta R.T. -0.036 min

Lab File: VD071044.D

Acq: 16 Nov 2021 15:11

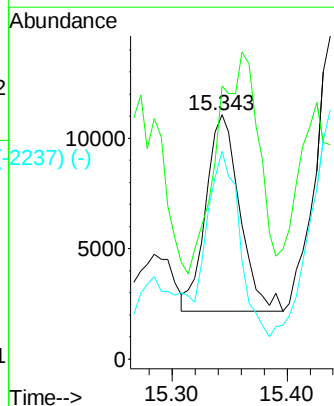
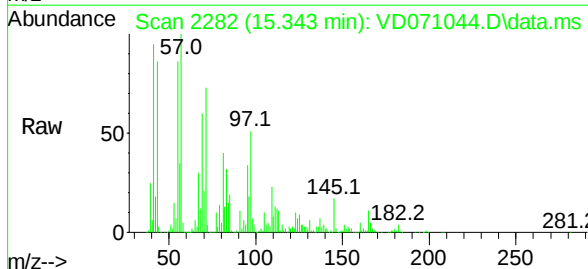
Tgt Ion:128 Resp: 18129

Ion Ratio Lower Upper

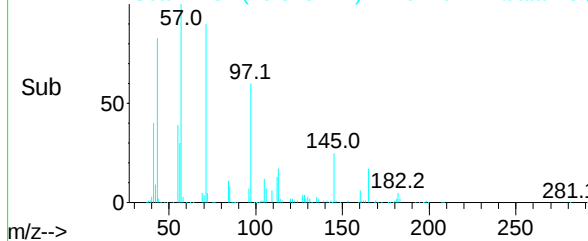
128 100

127 137.7 10.7 16.1#

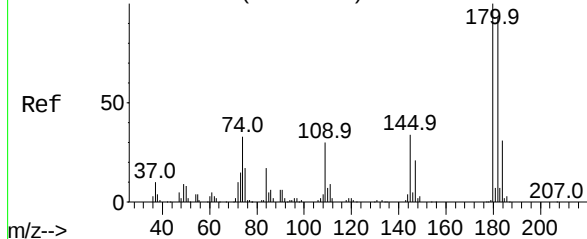
129 88.4 8.7 13.1#



Abundance Scan 2282 (15.343 min): VD071044.D\data.ms (-2237) (-)



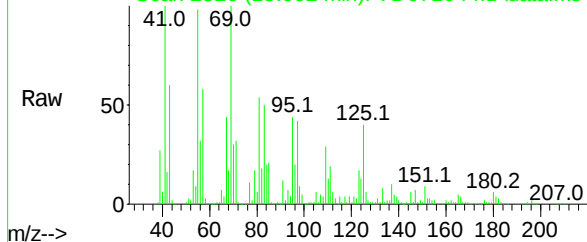
Abundance Scan 2321 (15.573 min): VD070947.D\data.ms (-2321) (-)



1,2,3-Trichlorobenzene
Concen: 145.84 ug/l
RT: 15.602 min Scan# 1
Delta R.T. 0.029 min
Lab File: VD071044.D
Acq: 16 Nov 2021 15:11

Instrument :
MSVOA_D
ClientSampleId :

Abundance Scan 2326 (15.602 min): VD071044.D\data.ms



Tgt Ion:	180	Resp:	19541
Ion Ratio	Lower	Upper	
180	100		
182	0.0	46.7	140.1#
145	0.0	15.9	47.6#

Abundance Scan 2326 (15.602 min): VD071044.D\data.ms (-2270) (-)

