

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071097.D
 Acq On : 01 Dec 2021 10:35
 Operator : VA/SY
 Sample : VD1201SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1201SBL01

Quant Time: Dec 02 03:12:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

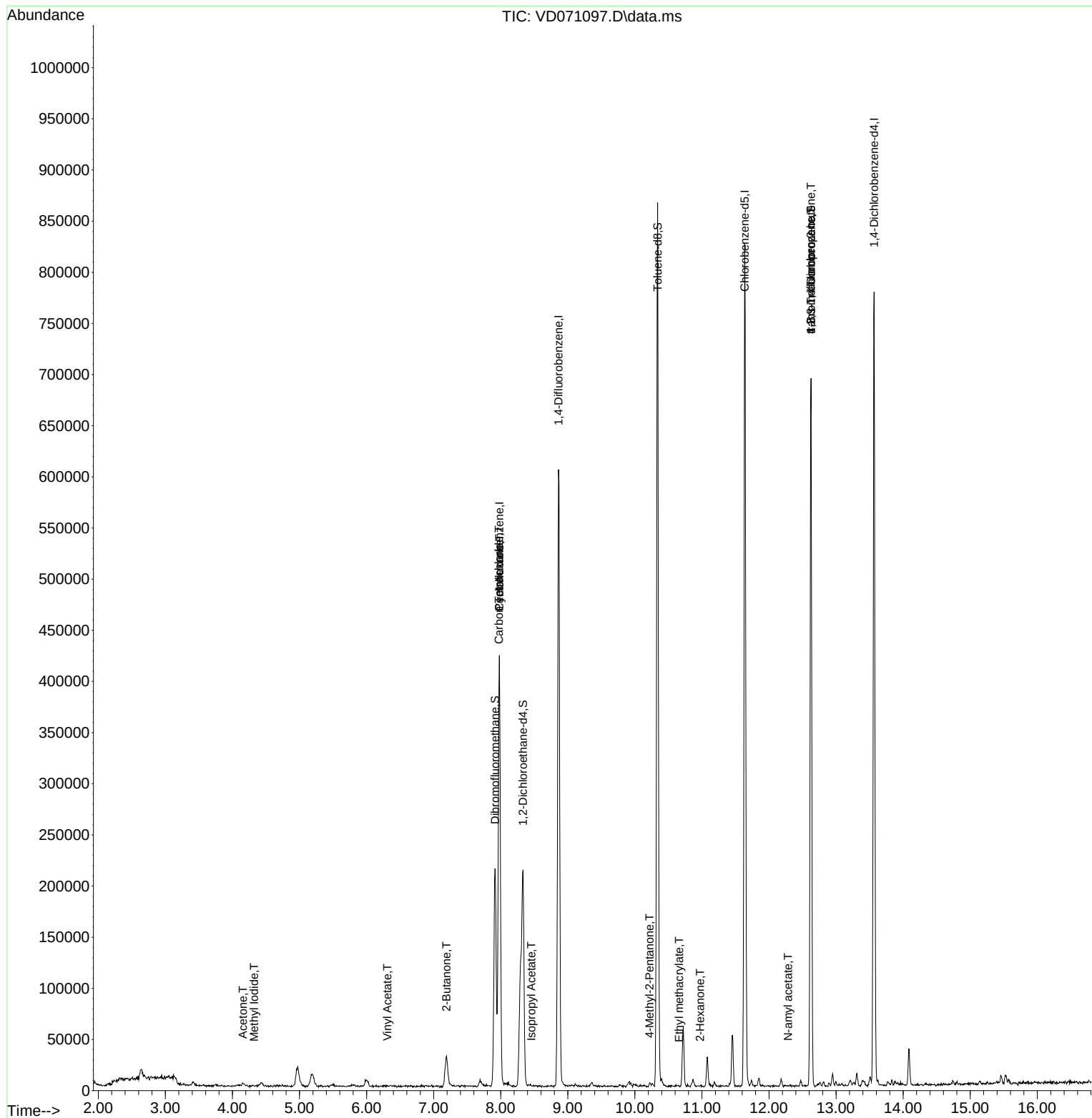
Internal Standards						
1) Pentafluorobenzene	7.979	168	291021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	494846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	436444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	194901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158393	46.384	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.760%		
35) Dibromofluoromethane	7.914	113	149071	47.307	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.620%		
50) Toluene-d8	10.338	98	551210	45.966	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.940%		
62) 4-Bromofluorobenzene	12.626	95	186714	44.918	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.840%		
Target Compounds			Qvalue			
10) Methyl Iodide	4.321	142	569	4.713	ug/l #	66
11) Tert butyl alcohol	5.179	59	6821	Below Cal	#	73
16) Acetone	4.156	43	4723	35.363	ug/l #	77
20) Methylene Chloride	4.979	84	13088	Below Cal		93
23) Vinyl Acetate	6.309	43	505	27.299	ug/l #	72
25) 2-Butanone	7.191	43	548	28.823	ug/l #	45
31) Cyclohexane	7.979	56	9515	1.638	ug/l #	38
38) Carbon Tetrachloride	7.973	117	32478	7.124	ug/l #	19
41) Methacrylonitrile	7.520	41	54	Below Cal	#	23
43) Isopropyl Acetate	8.456	43	237	5.271	ug/l #	47
51) 4-Methyl-2-Pentanone	10.220	43	2693	31.701	ug/l #	73
56) Ethyl methacrylate	10.661	69	144	6.009	ug/l #	1
59) 2-Hexanone	10.973	43	1029	35.096	ug/l #	40
74) N-amyl acetate	12.285	43	291	5.768	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	105145	56.623	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	105145	122.918	ug/l #	18

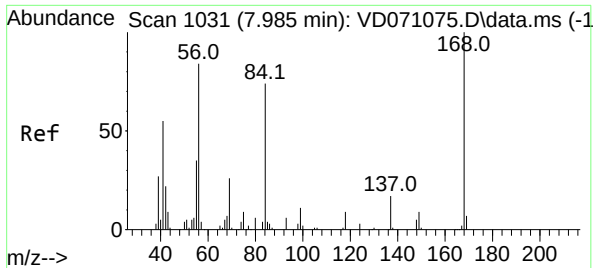
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071097.D
Acq On : 01 Dec 2021 10:35
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Quant Time: Dec 02 03:12:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

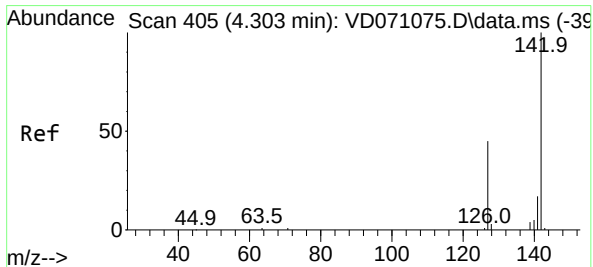
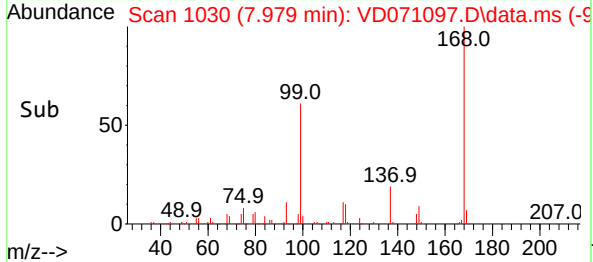
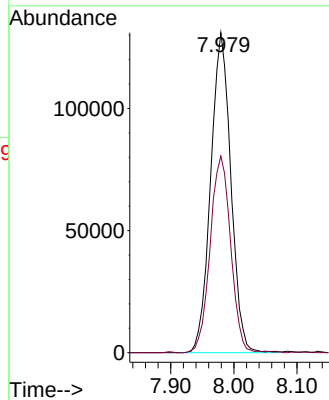
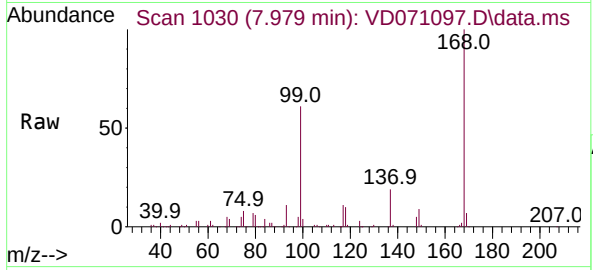




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

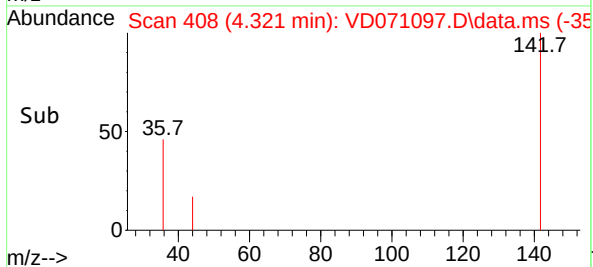
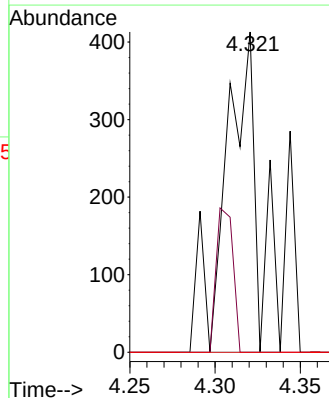
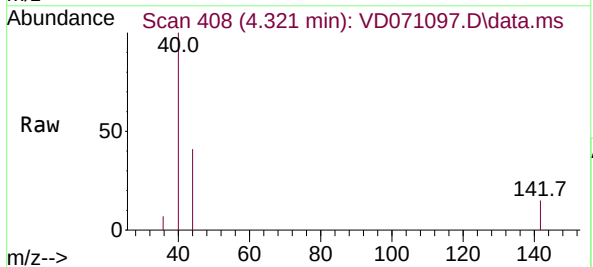
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

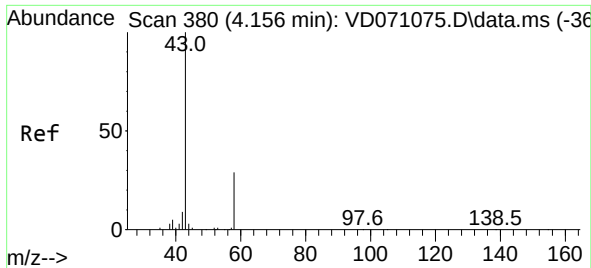
Tgt Ion:168 Resp: 291021
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#10
Methyl Iodide
Concen: 4.713 ug/l
RT: 4.321 min Scan# 408
Delta R.T. 0.018 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion:142 Resp: 569
Ion Ratio Lower Upper
142 100
127 22.3 35.0 52.4#
141 0.0 12.0 18.0#

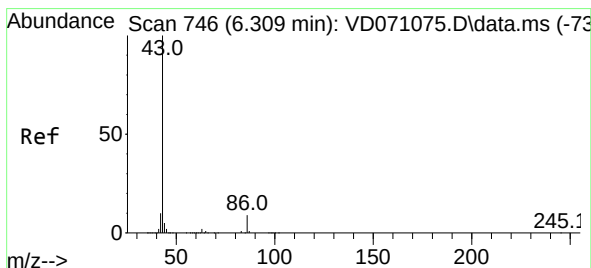
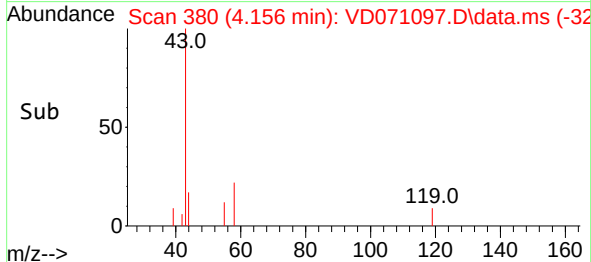
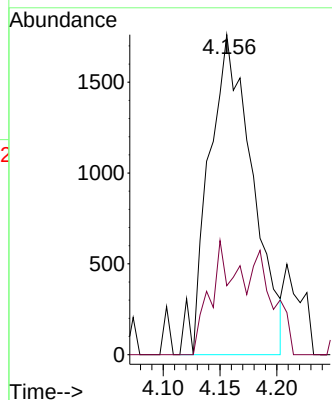
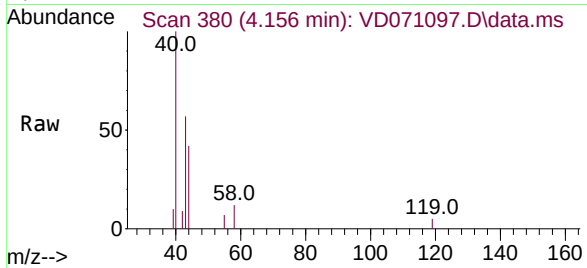




#16
Acetone
Concen: 35.363 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

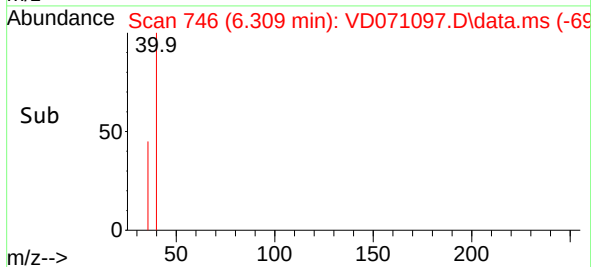
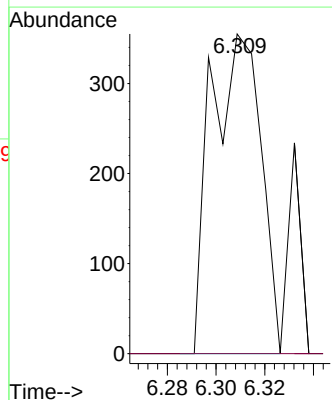
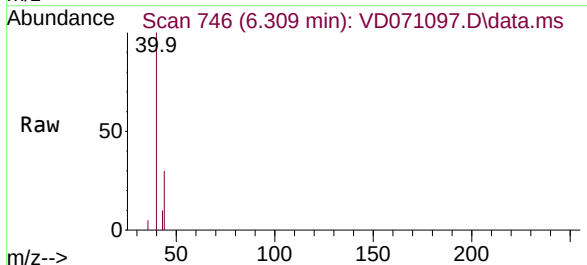
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

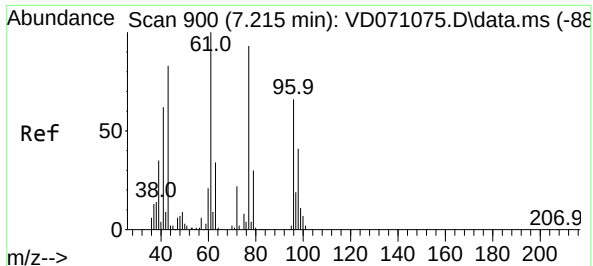
Tgt Ion: 43 Resp: 4723
Ion Ratio Lower Upper
43 100
58 21.6 27.8 41.8#



#23
Vinyl Acetate
Concen: 27.299 ug/l
RT: 6.309 min Scan# 746
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

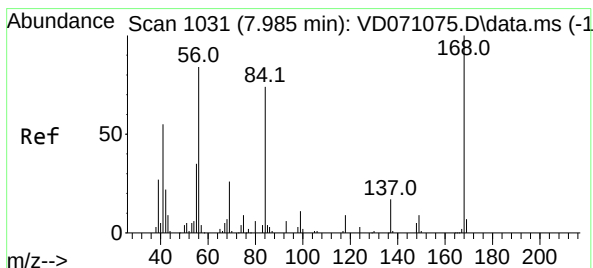
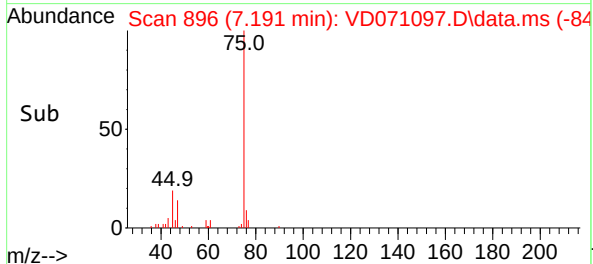
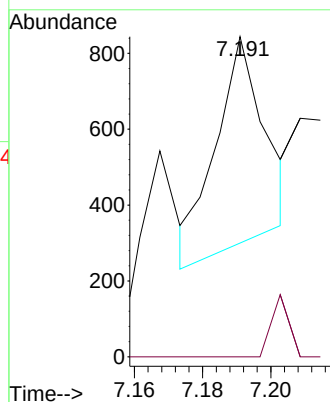
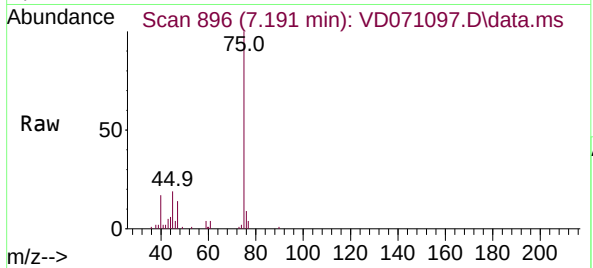




#25
2-Butanone
Concen: 28.823 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.024 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

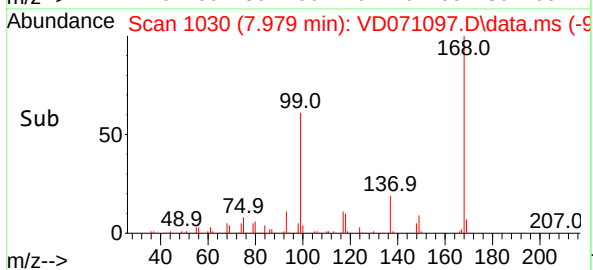
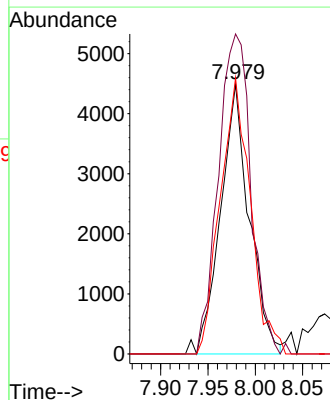
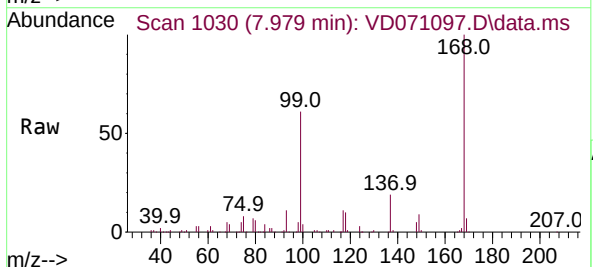
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

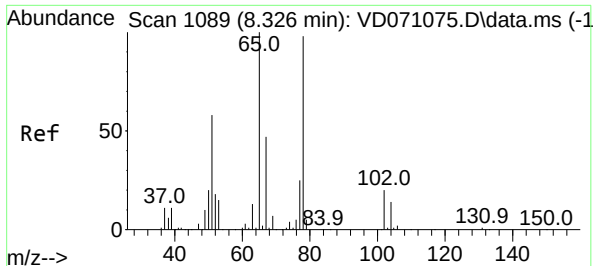
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.638 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 56 Resp: 9515
Ion Ratio Lower Upper
56 100
69 118.6 25.9 38.9#
84 102.4 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 46.384 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071097.D

Acq: 01 Dec 2021 10:35

Instrument :

MSVOA_D

ClientSampleId :

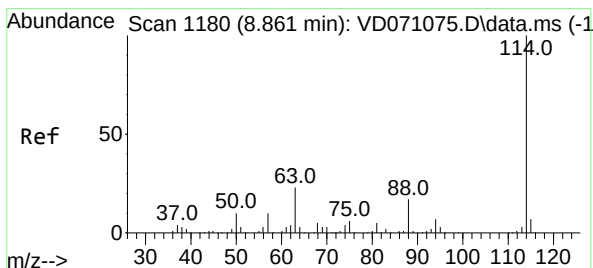
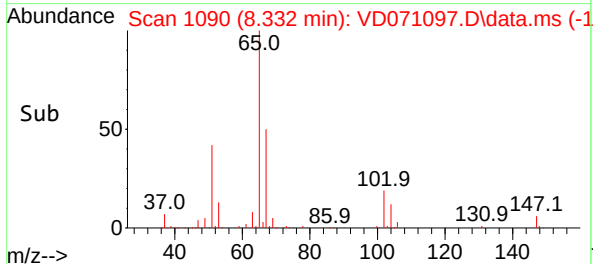
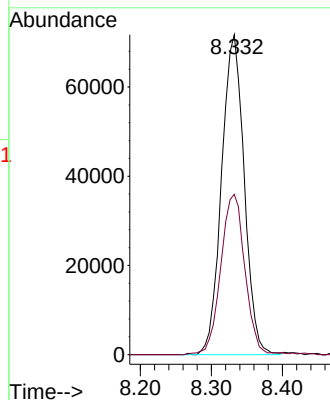
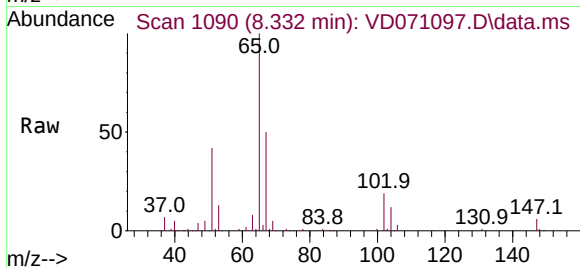
VD1201SBL01

Tgt Ion: 65 Resp: 158393

Ion Ratio Lower Upper

65 100

67 53.5 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071097.D

Acq: 01 Dec 2021 10:35

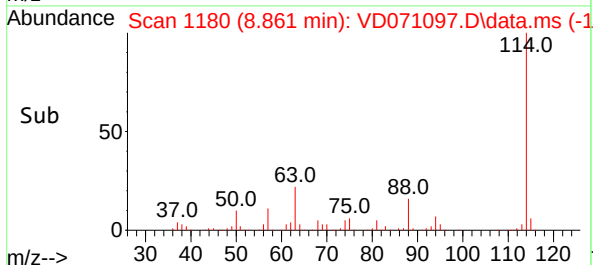
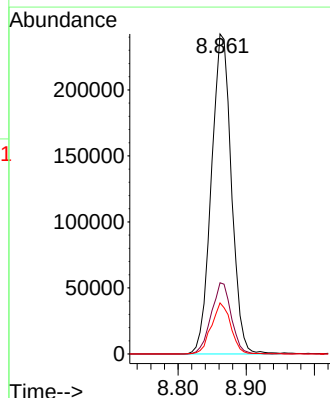
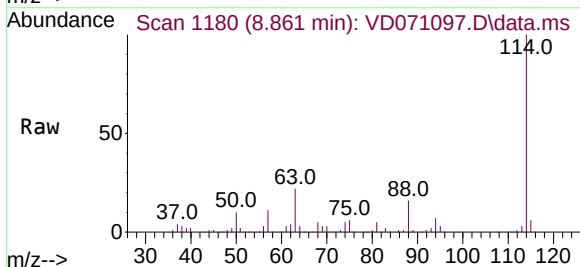
Tgt Ion: 114 Resp: 494846

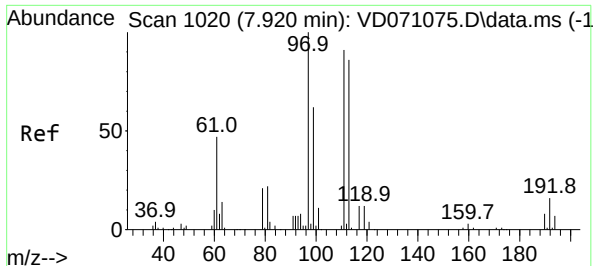
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.307 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071097.D

Acq: 01 Dec 2021 10:35

Instrument :

MSVOA_D

ClientSampleId :

VD1201SBL01

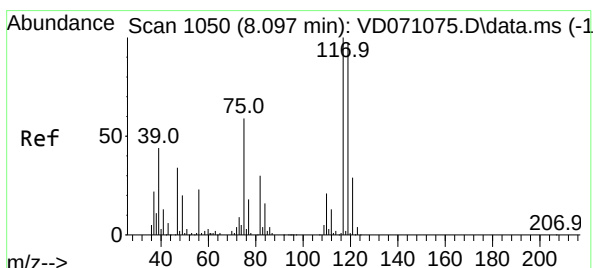
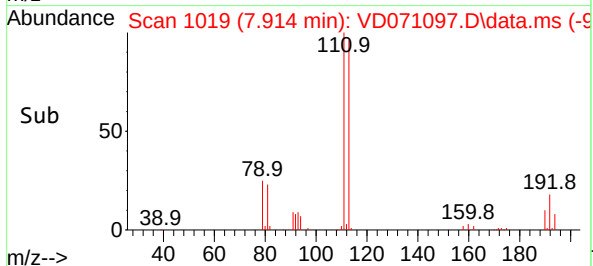
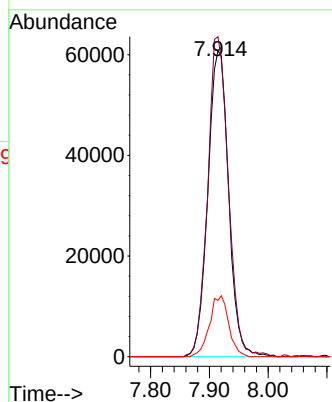
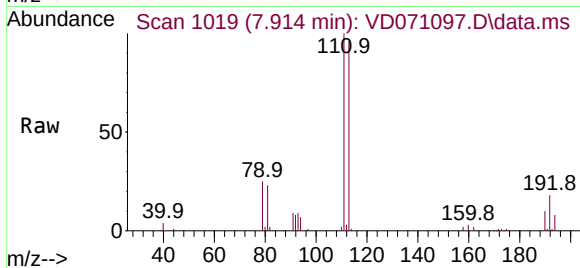
Tgt Ion:113 Resp: 149071

Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

192 18.4 15.2 22.8



#38

Carbon Tetrachloride

Concen: 7.124 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071097.D

Acq: 01 Dec 2021 10:35

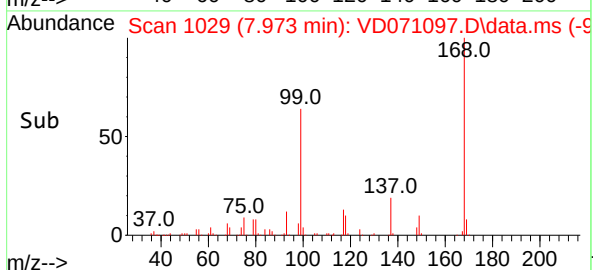
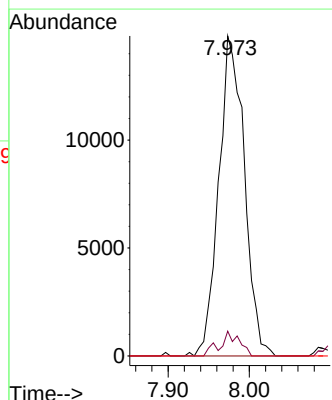
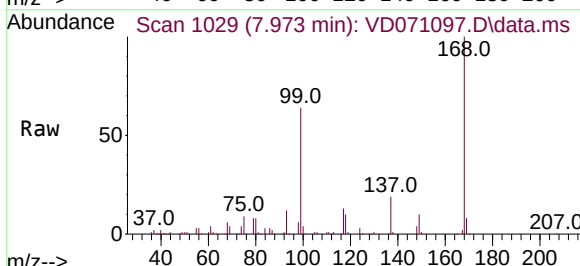
Tgt Ion:117 Resp: 32478

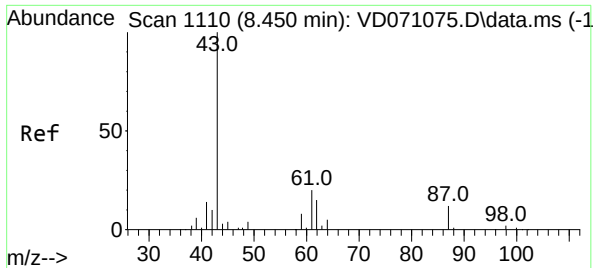
Ion Ratio Lower Upper

117 100

119 7.7 75.8 113.6#

121 0.0 23.6 35.4#

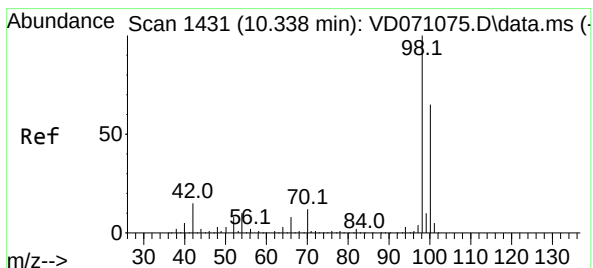
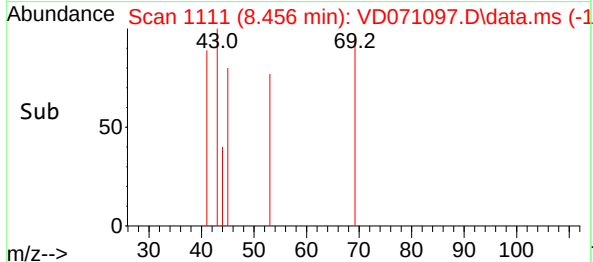
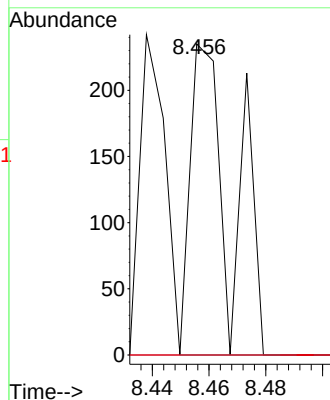
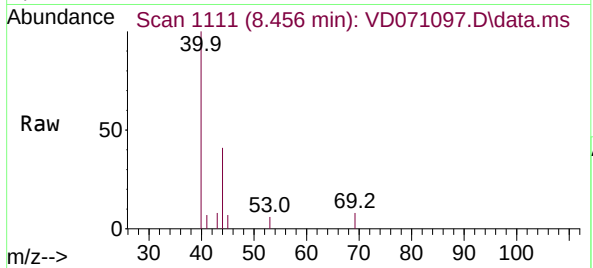




#43
Isopropyl Acetate
Concen: 5.271 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

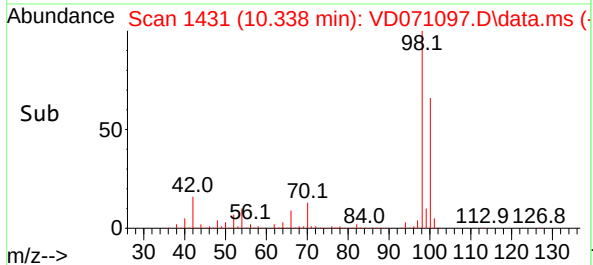
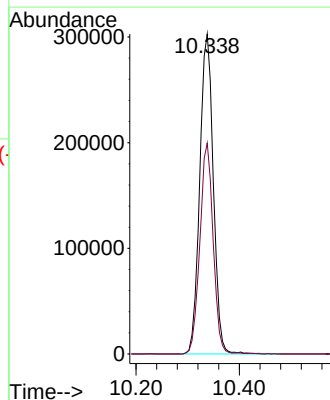
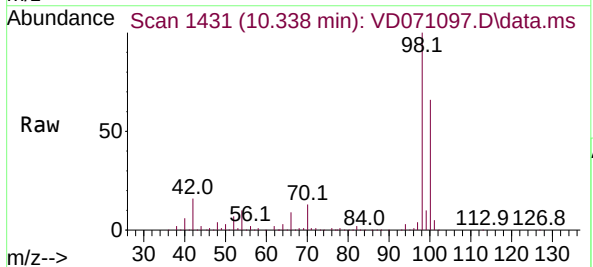
Instrument :
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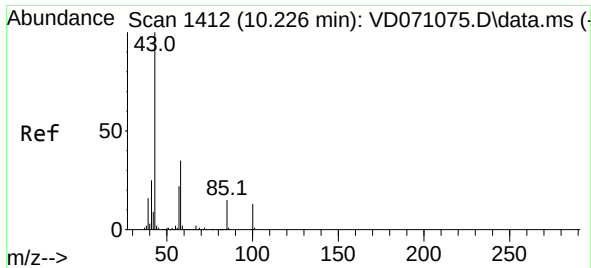
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 45.966 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 98 Resp: 551210
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

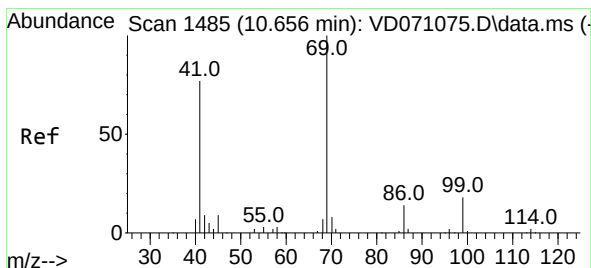
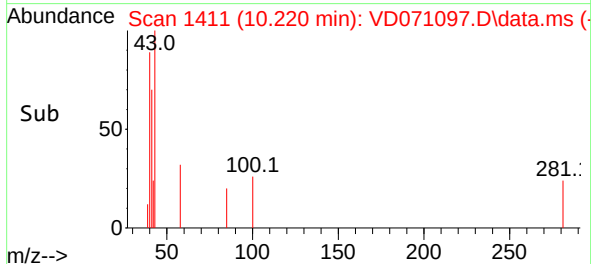
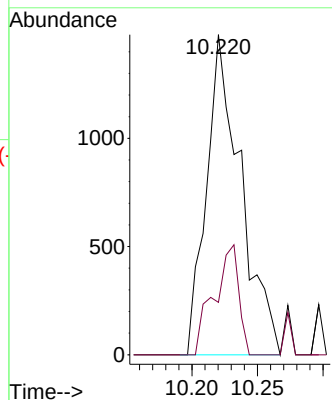
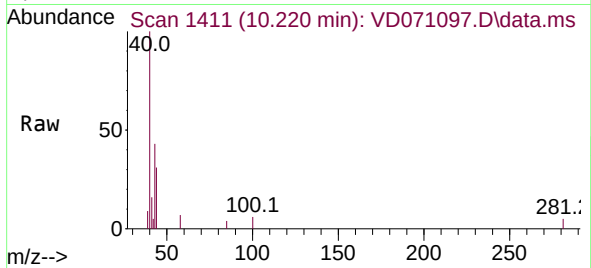




#51
4-Methyl-2-Pentanone
Concen: 31.701 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

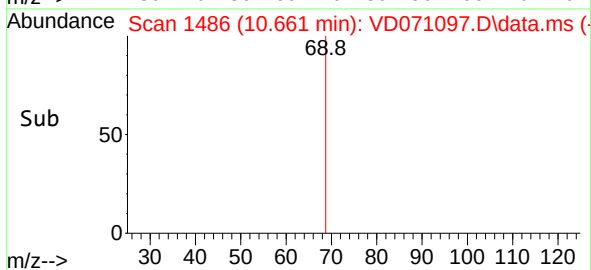
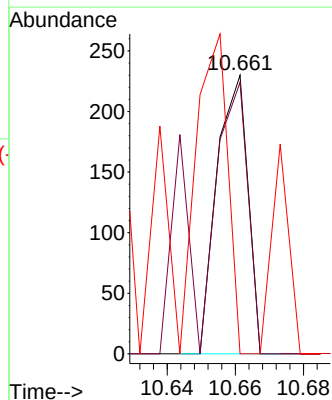
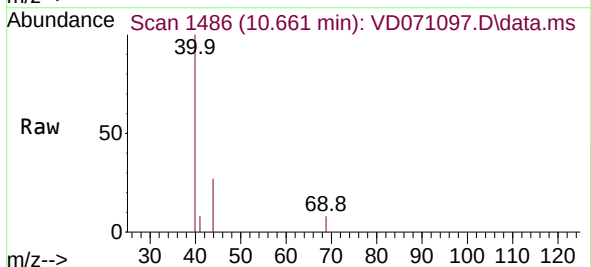
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

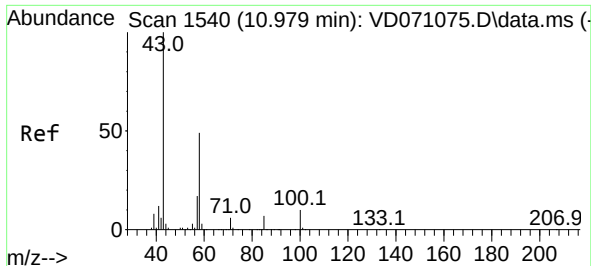
Tgt Ion: 43 Resp: 2693
Ion Ratio Lower Upper
43 100
58 24.6 33.1 49.7#



#56
Ethyl methacrylate
Concen: 6.009 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.005 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 69 Resp: 144
Ion Ratio Lower Upper
69 100
41 142.4 50.2 75.2#
39 117.4 19.8 29.8#

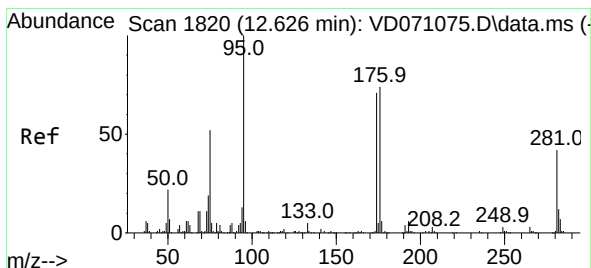
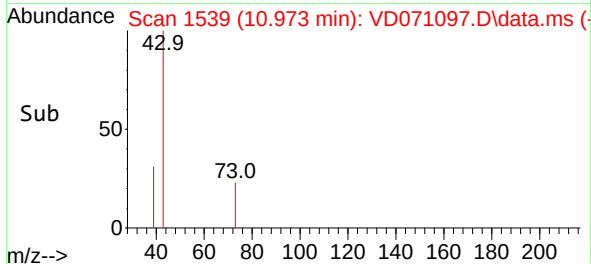
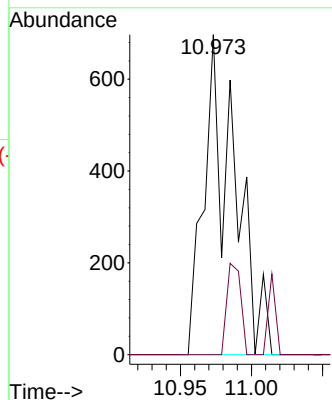
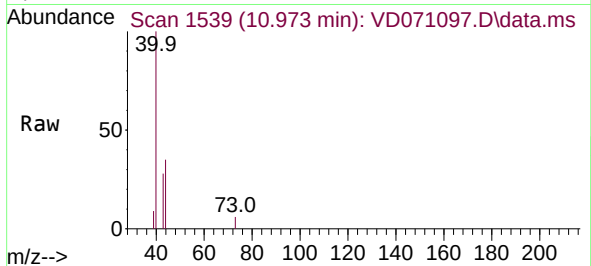




#59
2-Hexanone
Concen: 35.096 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

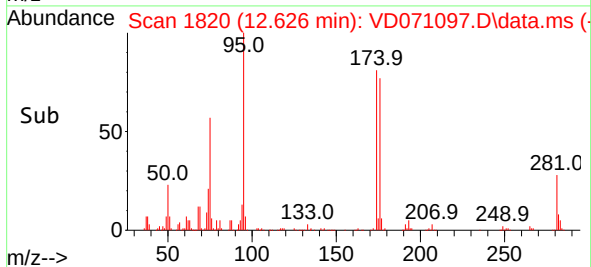
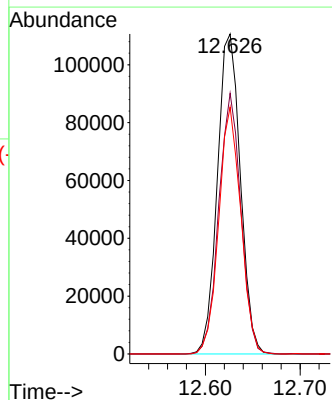
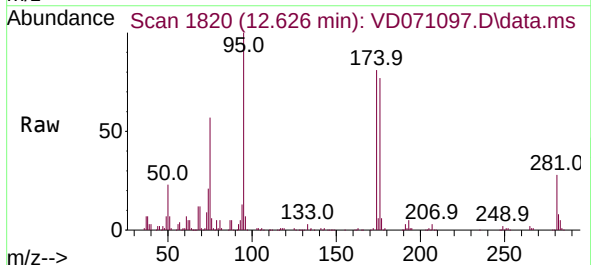
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

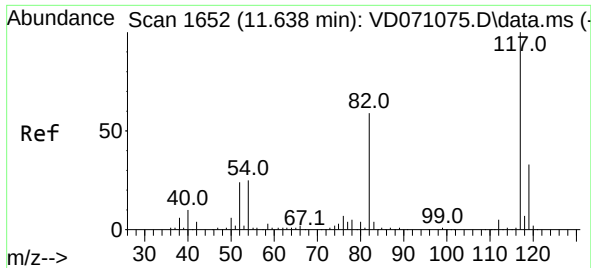
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 13.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 44.918 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 95 Resp: 186714
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 74.1 0.0 154.0

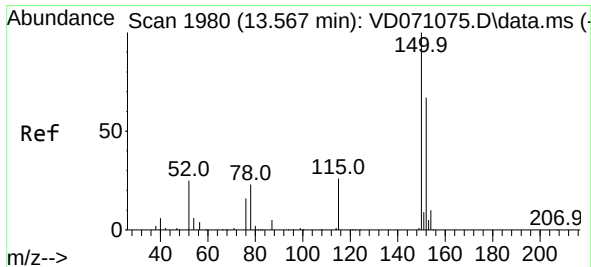
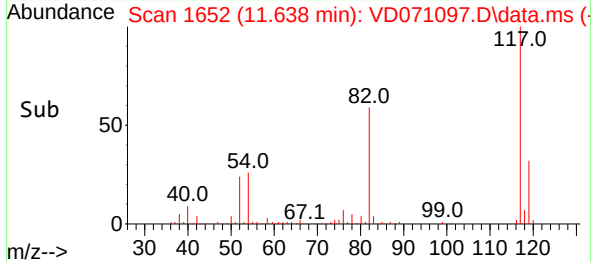
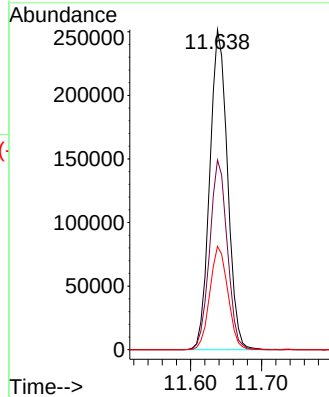
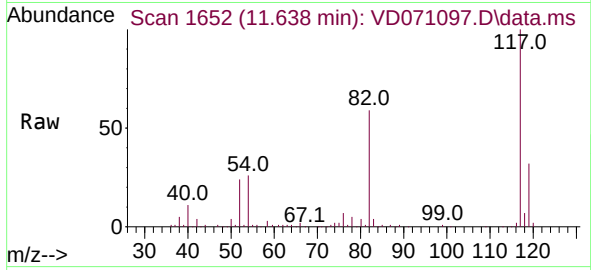




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

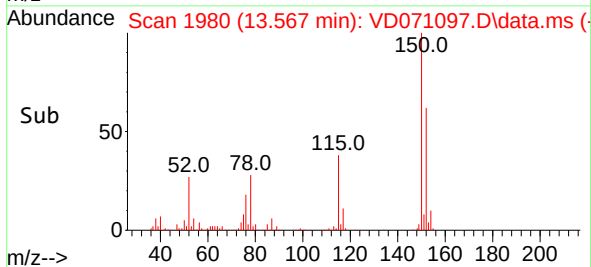
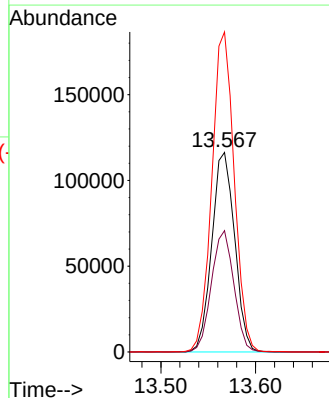
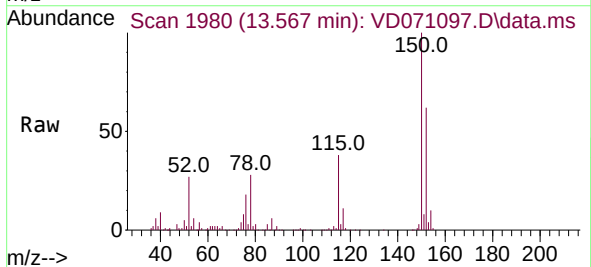
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

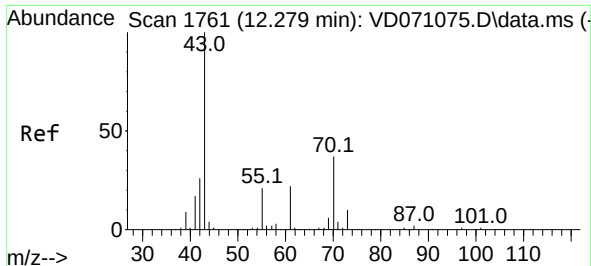
Tgt Ion:117 Resp: 436444
Ion Ratio Lower Upper
117 100
82 59.3 44.7 67.1
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion:152 Resp: 194901
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 157.1 0.0 349.2

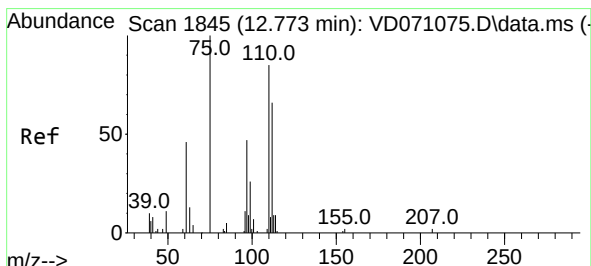
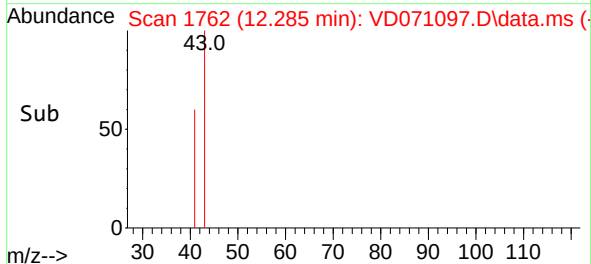
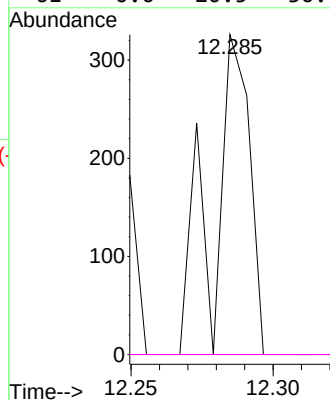
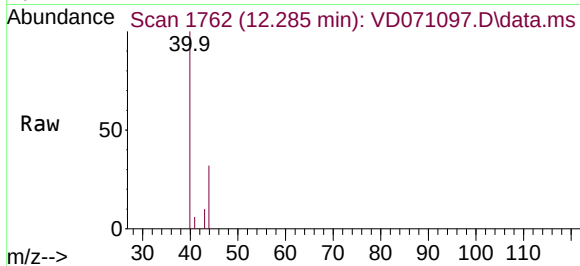




#74
N-amy1 acetate
Concen: 5.768 ug/l
RT: 12.285 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

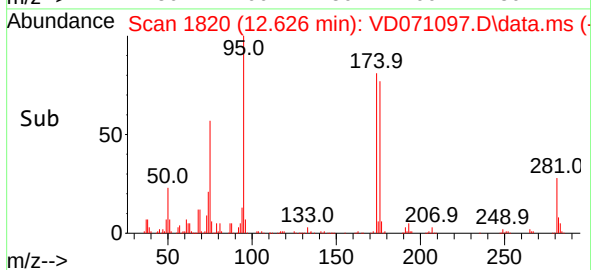
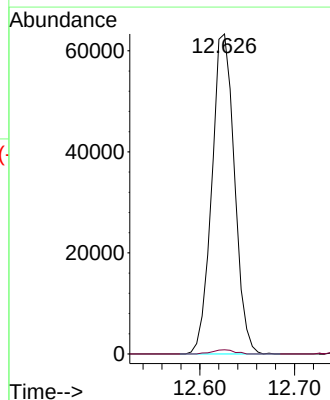
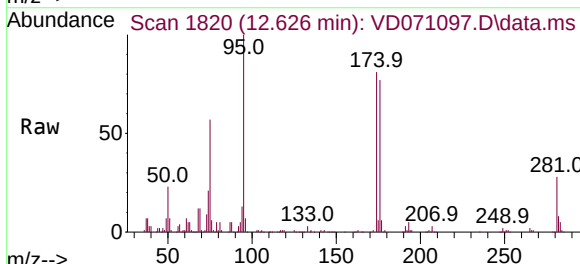
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

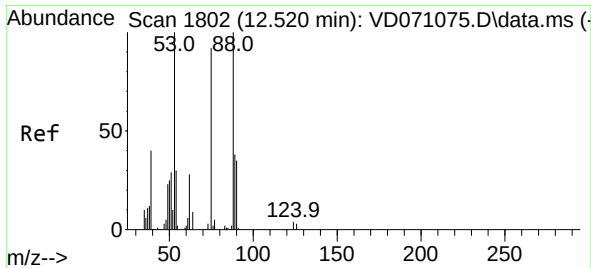
Tgt Ion: 43	Resp:	291
Ion	Ratio	Lower Upper
43	100	
70	0.0	36.6 55.0#
55	0.0	22.5 33.7#
61	0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 56.623 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 75	Resp:	105145
Ion	Ratio	Lower Upper
75	100	
77	1.3	158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.918 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071097.D
 Acq: 01 Dec 2021 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1201SBL01

Tgt Ion: 75 Resp: 105145
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.3 34.5 51.7#

