

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071175.D
 Acq On : 07 Dec 2021 10:33
 Operator : VA/SY
 Sample : VD1207SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 02:46:44 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	274654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	472067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	421267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	191897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152078	47.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.38%
35) Dibromofluoromethane	7.914	113	143985	47.90	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.80%
50) Toluene-d8	10.338	98	519513	45.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.82%
62) 4-Bromofluorobenzene	12.626	95	177195	44.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.38%

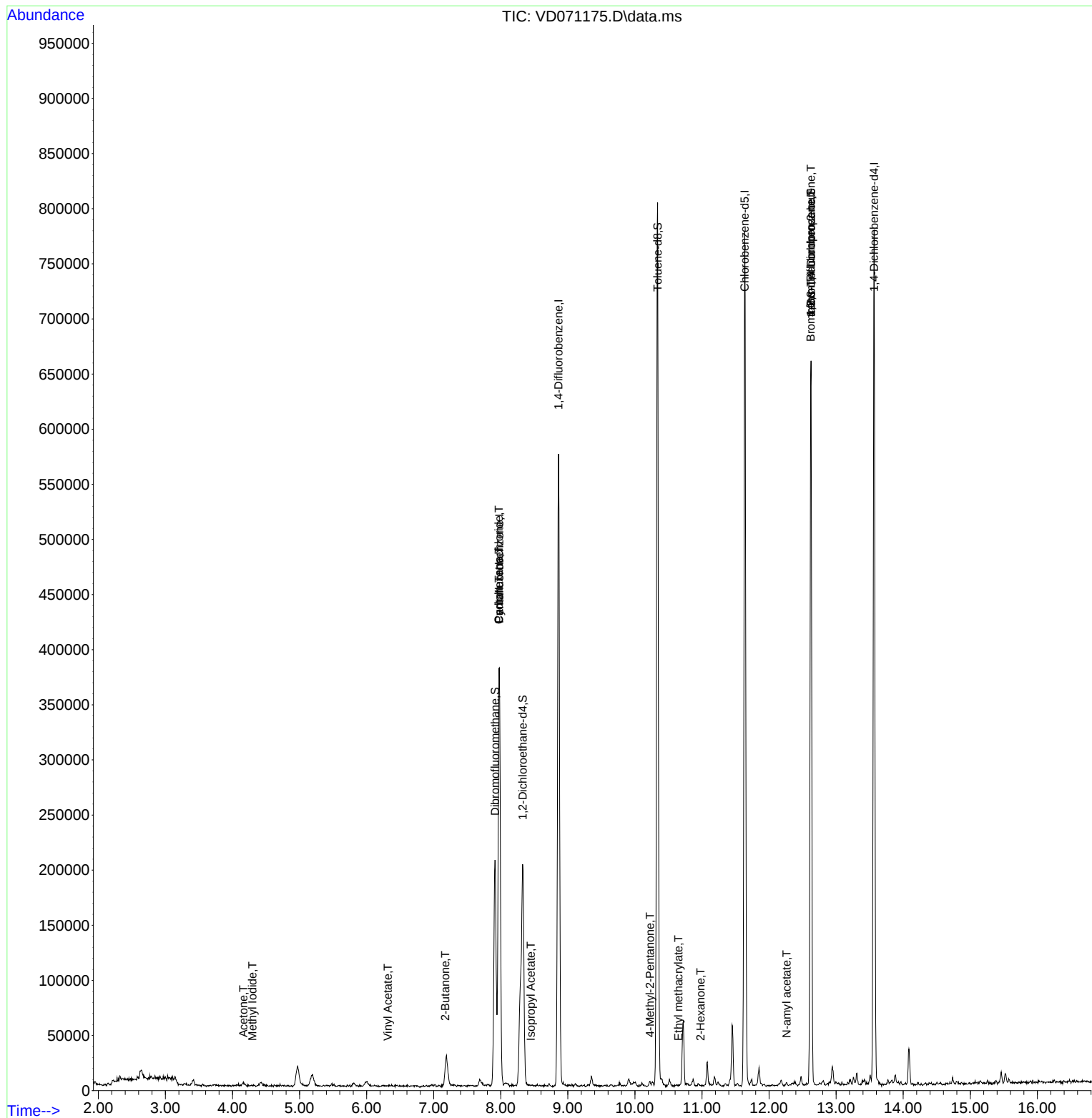
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	591	4.73	ug/l #	53
11) Tert butyl alcohol	5.197	59	10408	Below Cal	#	71
16) Acetone	4.162	43	4078	34.97	ug/l	95
20) Methylene Chloride	4.973	84	11816	Below Cal	#	91
23) Vinyl Acetate	6.314	43	724	27.34	ug/l #	72
25) 2-Butanone	7.173	43	922	29.19	ug/l #	45
31) Cyclohexane	7.973	56	8490	1.55	ug/l #	1
38) Carbon Tetrachloride	7.973	117	29926	6.88	ug/l #	18
41) Methacrylonitrile	7.538	41	139	Below Cal	#	12
43) Isopropyl Acetate	8.450	43	209	5.27	ug/l #	46
51) 4-Methyl-2-Pentanone	10.226	43	2781	31.79	ug/l	92
56) Ethyl methacrylate	10.649	69	134	6.01	ug/l #	30
59) 2-Hexanone	10.979	43	658	34.92	ug/l #	38
71) Bromoform	12.620	173	1548	1.05	ug/l #	1
74) N-amyl acetate	12.261	43	962	5.93	ug/l #	55
76) 1,2,3-Trichloropropane	12.626	75	101690	55.62	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	101690	120.84	ug/l #	19

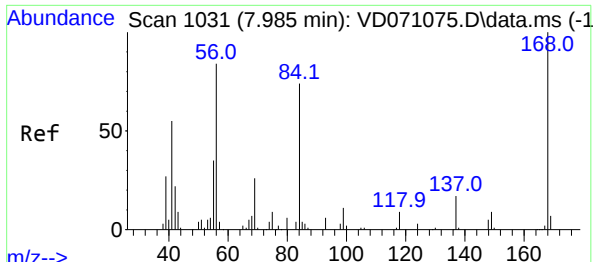
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071175.D
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Operator : VA/SY
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Quant Time: Dec 08 02:46:44 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

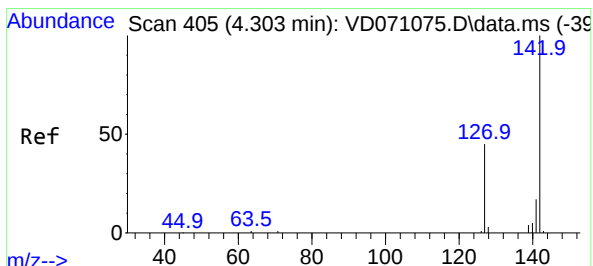
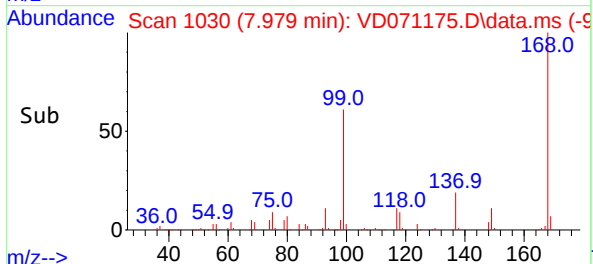
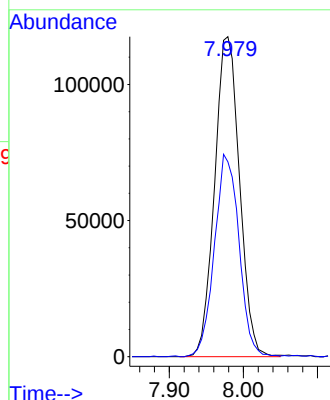
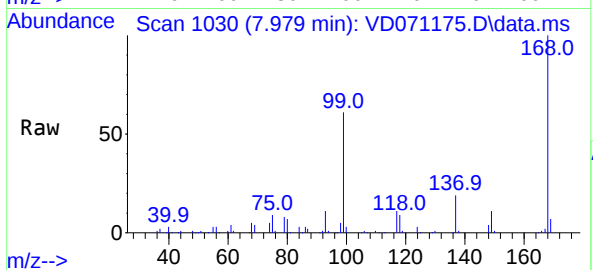




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

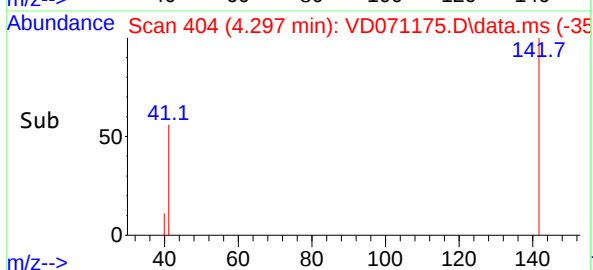
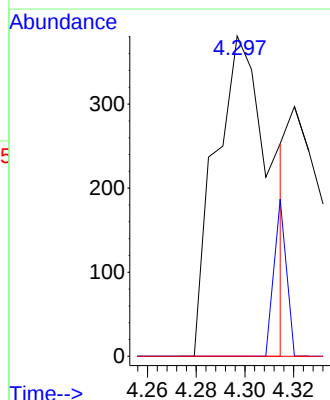
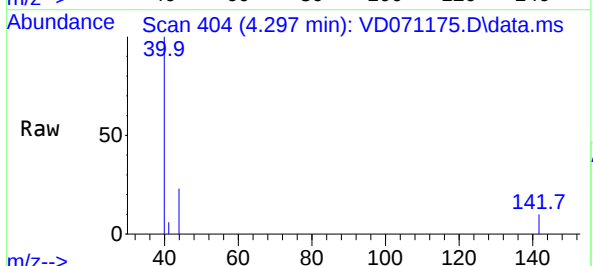
Instrument :
MSVOA_D
ClientSampleId :

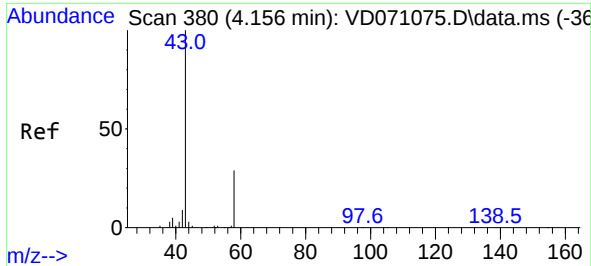
Tgt Ion:168 Resp: 274654
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#10
Methyl Iodide
Concen: 4.73 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion:142 Resp: 591
Ion Ratio Lower Upper
142 100
127 11.2 35.0 52.4#
141 0.0 12.0 18.0#





#16

Acetone

Concen: 34.97 ug/l

RT: 4.162 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD071175.D

Acq: 07 Dec 2021 10:33

Instrument :

MSVOA_D

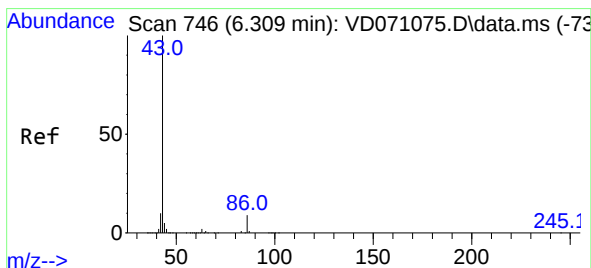
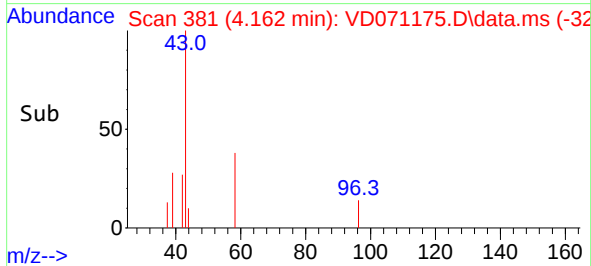
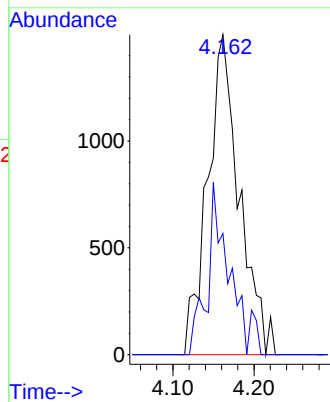
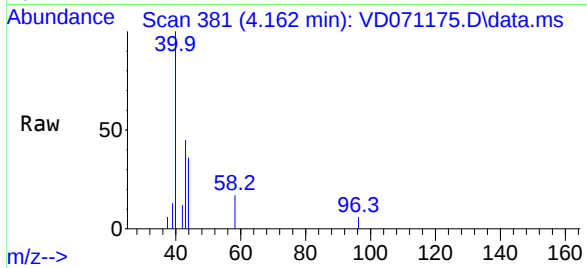
ClientSampleId :

Tgt Ion: 43 Resp: 4078

Ion Ratio Lower Upper

43 100

58 37.9 27.8 41.8



#23

Vinyl Acetate

Concen: 27.34 ug/l

RT: 6.314 min Scan# 747

Delta R.T. 0.005 min

Lab File: VD071175.D

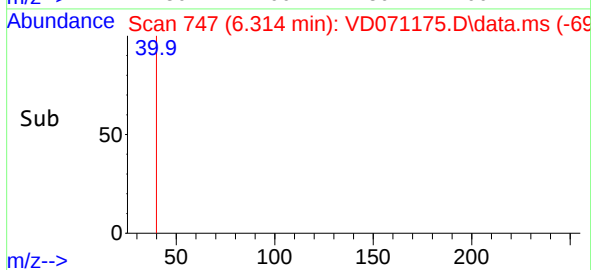
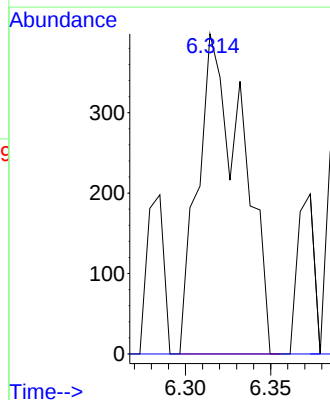
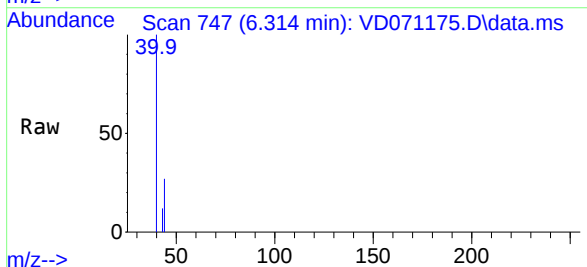
Acq: 07 Dec 2021 10:33

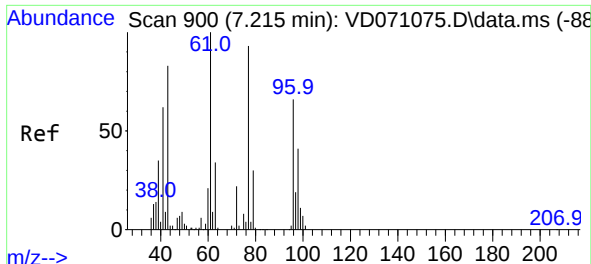
Tgt Ion: 43 Resp: 724

Ion Ratio Lower Upper

43 100

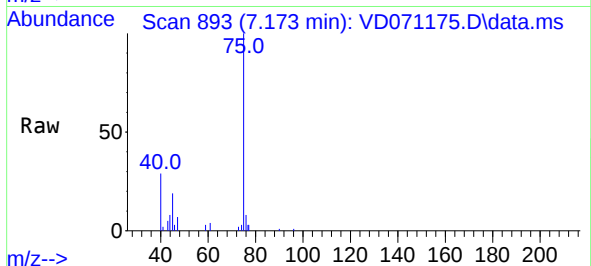
86 0.0 8.2 12.4#



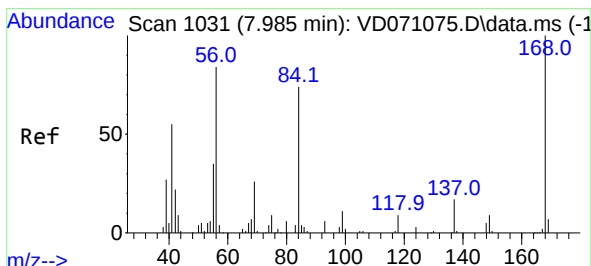
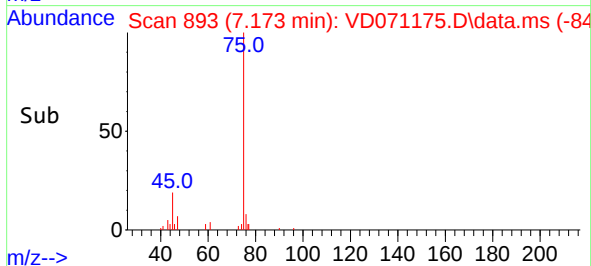
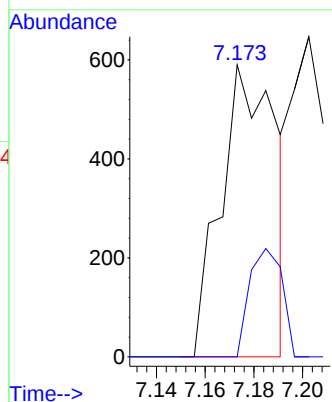


#25
2-Butanone
Concen: 29.19 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.042 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Instrument :
MSVOA_D
ClientSampleId :

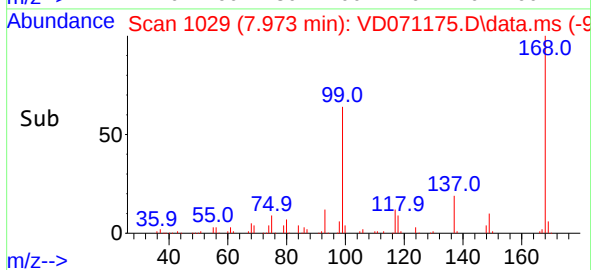
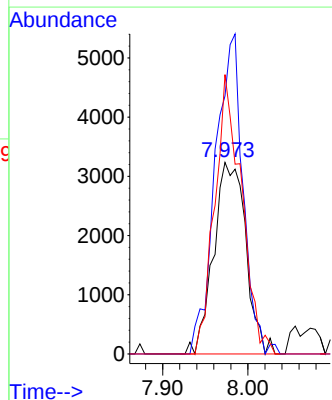
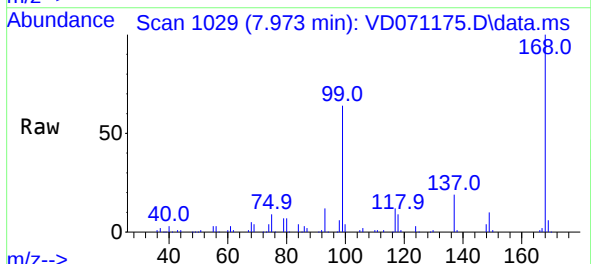


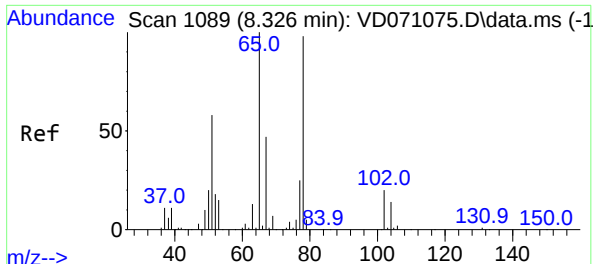
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.55 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion: 56 Resp: 8490
Ion Ratio Lower Upper
56 100
69 134.7 25.9 38.9#
84 145.8 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 47.19 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071175.D

Acq: 07 Dec 2021 10:33

Instrument :

MSVOA_D

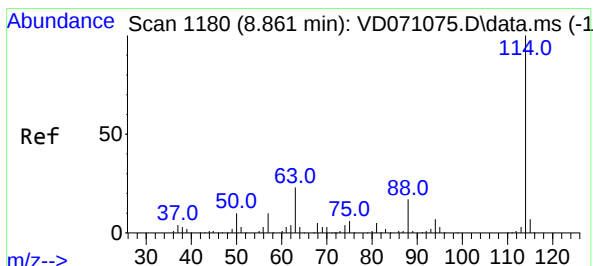
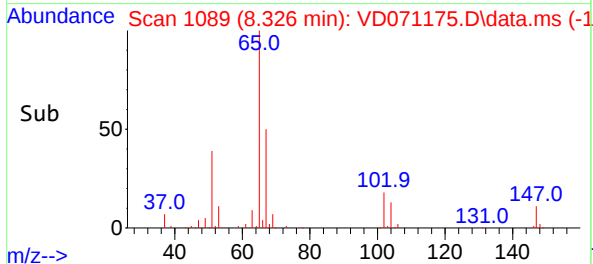
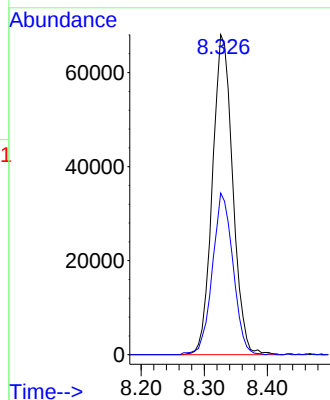
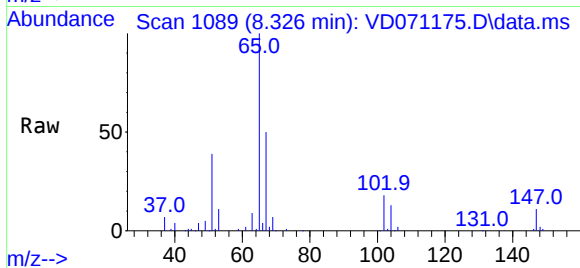
ClientSampleId :

Tgt Ion: 65 Resp: 152078

Ion Ratio Lower Upper

65 100

67 51.2 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071175.D

Acq: 07 Dec 2021 10:33

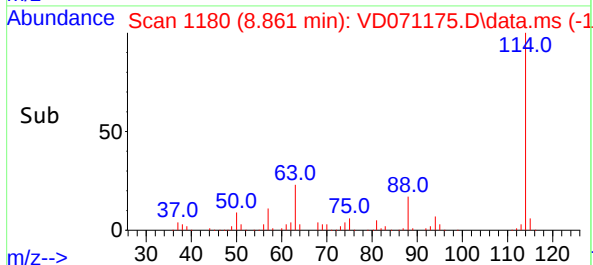
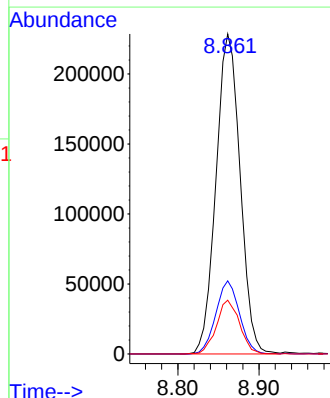
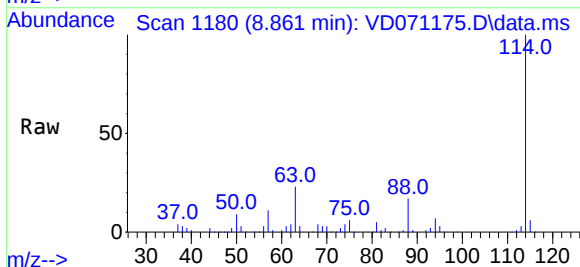
Tgt Ion: 114 Resp: 472067

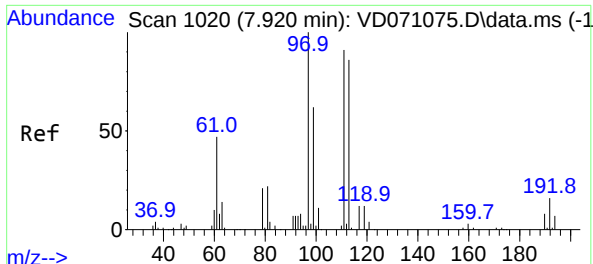
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

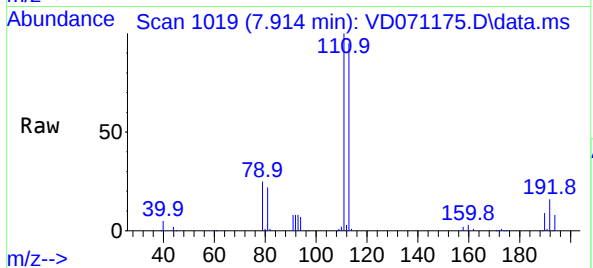
88 16.8 0.0 32.8



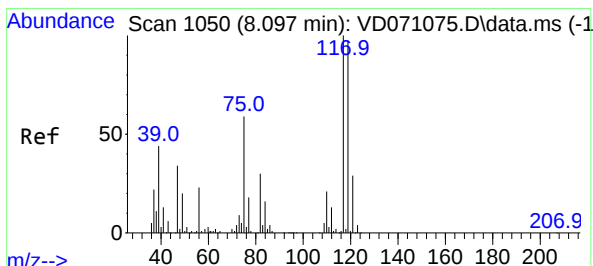
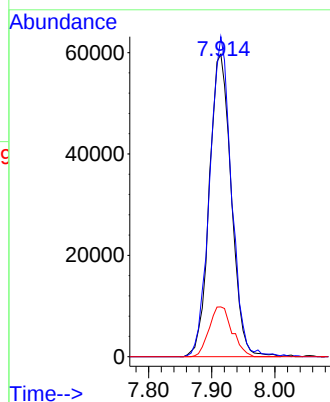
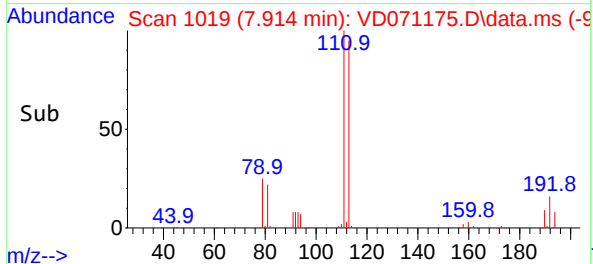


#35
Dibromofluoromethane
Concen: 47.90 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Instrument :
MSVOA_D
ClientSampleId :

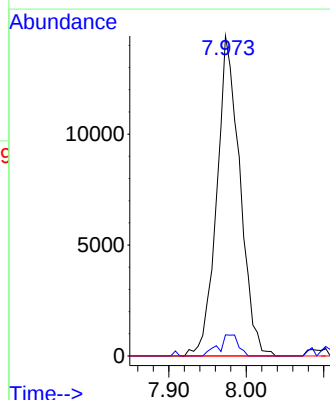
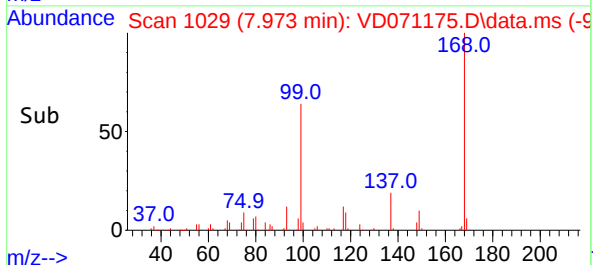
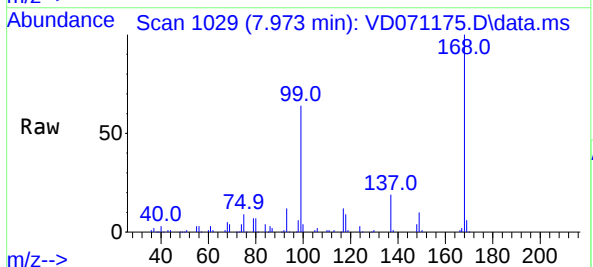


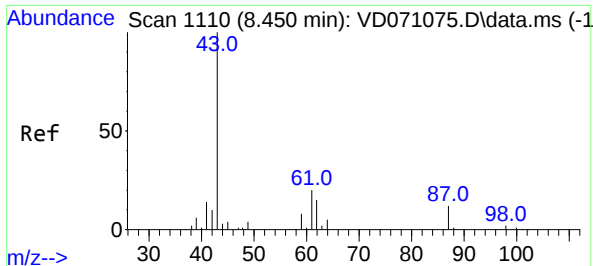
Tgt Ion:113 Resp: 143985
Ion Ratio Lower Upper
113 100
111 104.8 82.0 123.0
192 17.3 15.2 22.8



#38
Carbon Tetrachloride
Concen: 6.88 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion:117 Resp: 29926
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 23.6 35.4#

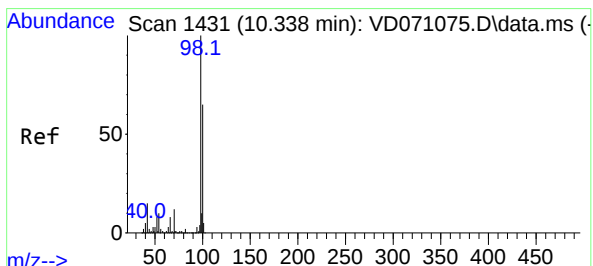
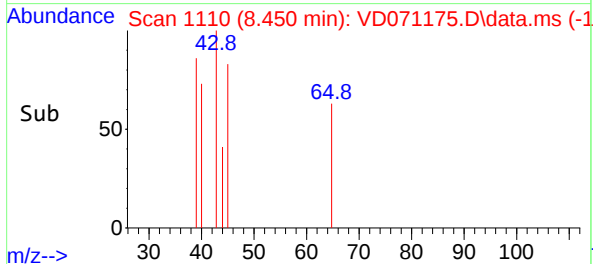
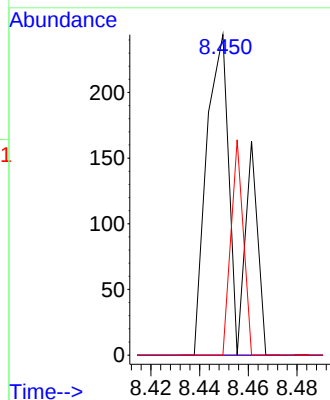
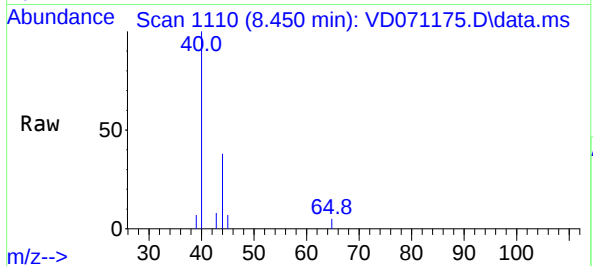




#43
Isopropyl Acetate
Concen: 5.27 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

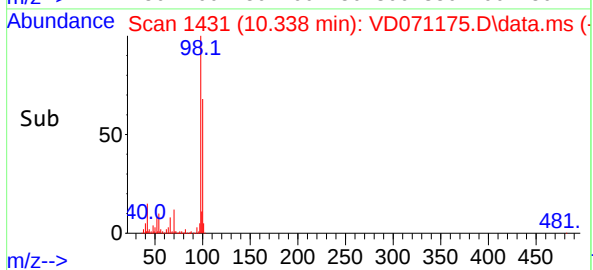
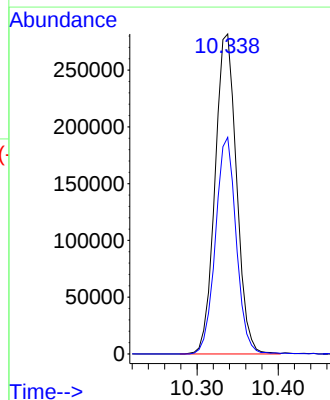
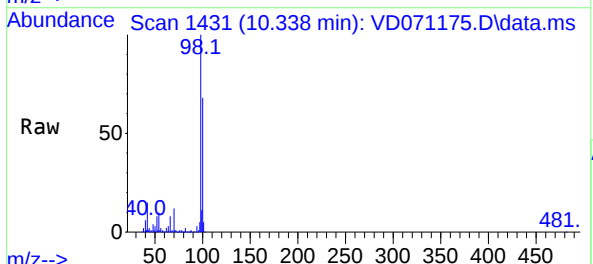
Instrument :
MSVOA_D
ClientSampleId :

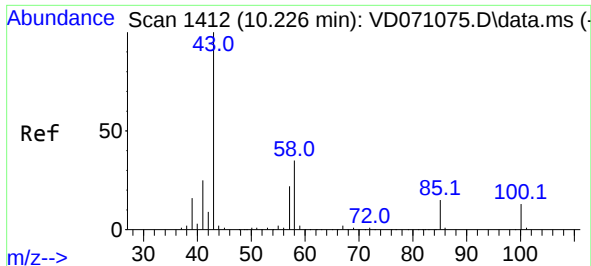
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 27.8 10.7 16.1#



#50
Toluene-d8
Concen: 45.41 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion: 98 Resp: 519513
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

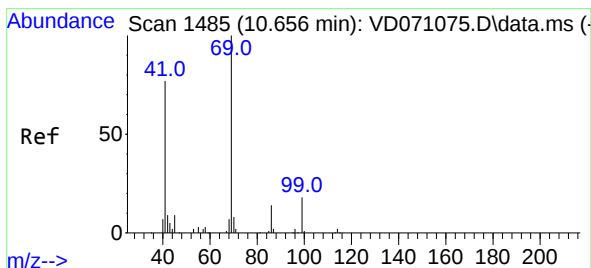
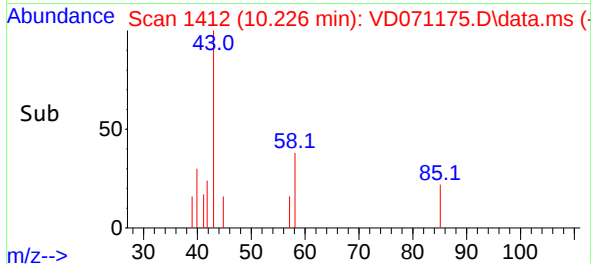
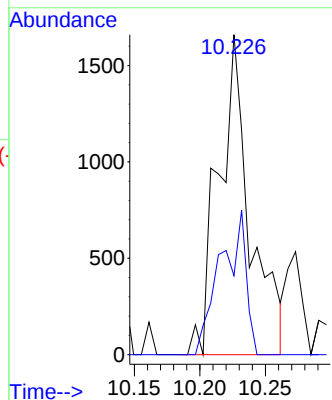
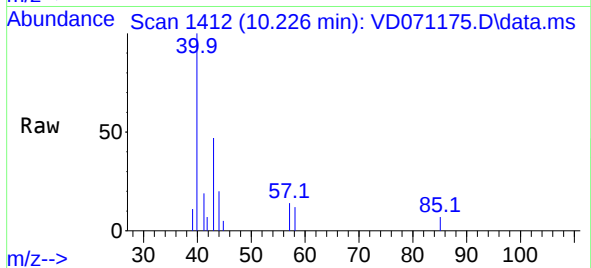




#51
4-Methyl-2-Pentanone
Concen: 31.79 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

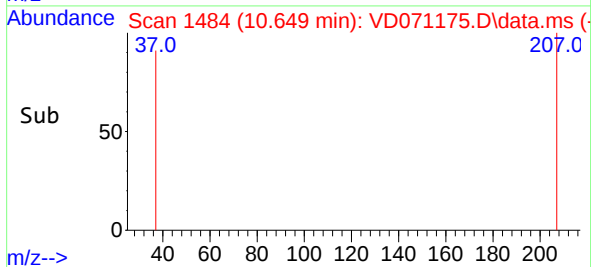
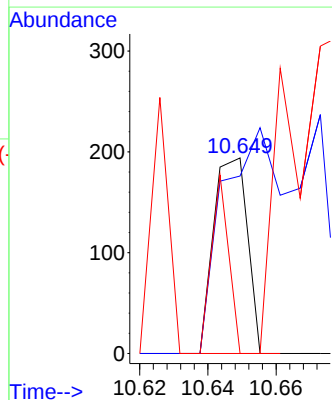
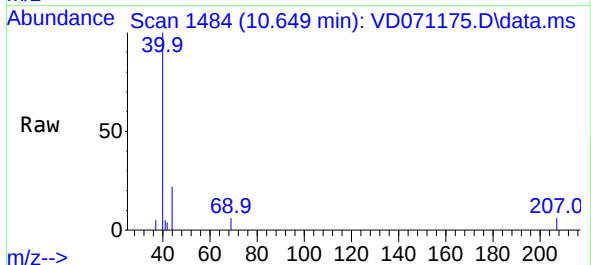
Instrument :
MSVOA_D
ClientSampleId :

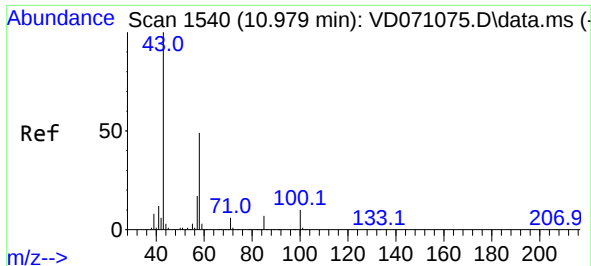
Tgt Ion: 43 Resp: 2781
Ion Ratio Lower Upper
43 100
58 36.3 33.1 49.7



#56
Ethyl methacrylate
Concen: 6.01 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.007 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

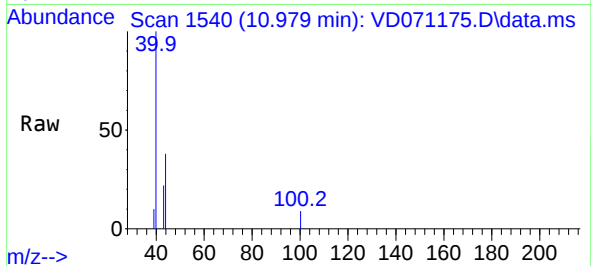
Tgt Ion: 69 Resp: 134
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 46.3 19.8 29.8#



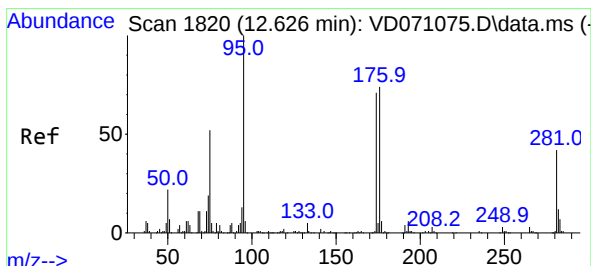
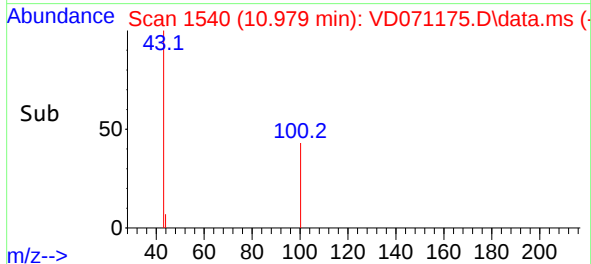
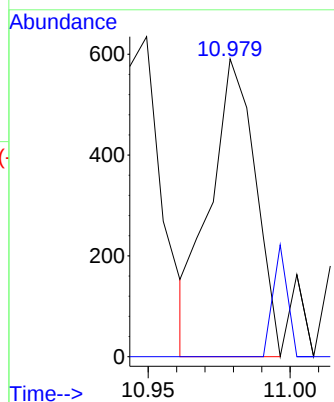


#59
2-Hexanone
Concen: 34.92 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Instrument :
MSVOA_D
ClientSampleId :

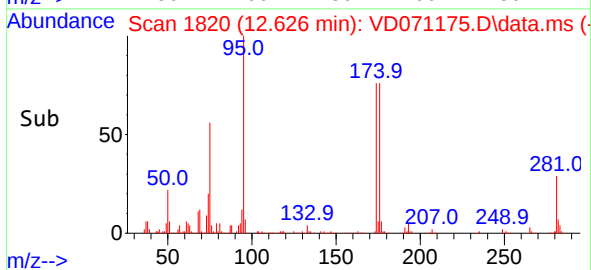
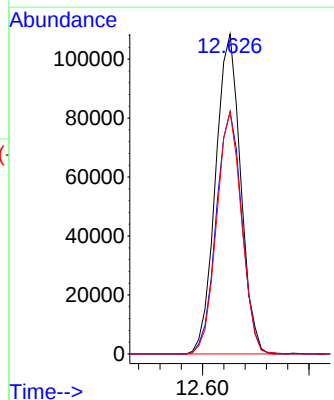
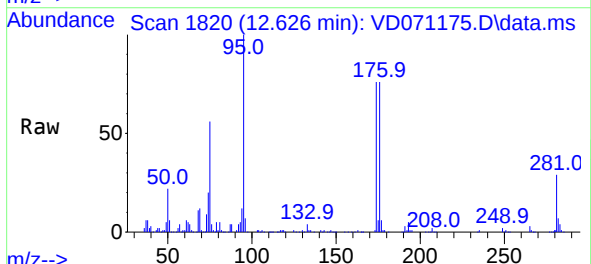


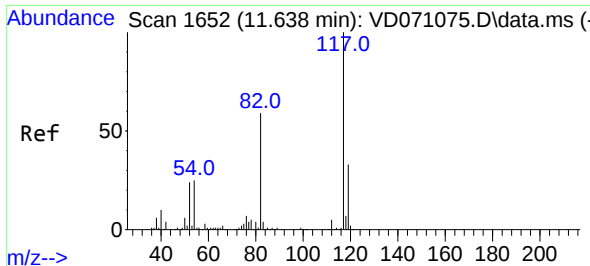
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 11.9 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 44.69 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

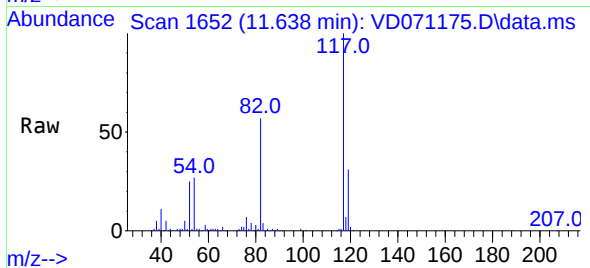
Tgt Ion: 95 Resp: 177195
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.4
176 75.2 0.0 154.0



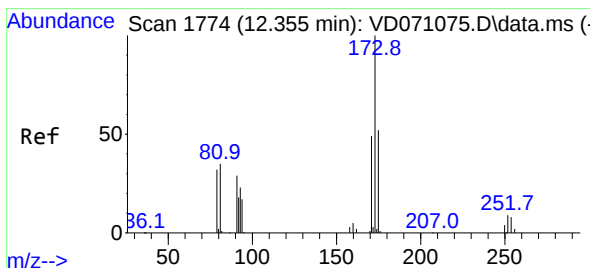
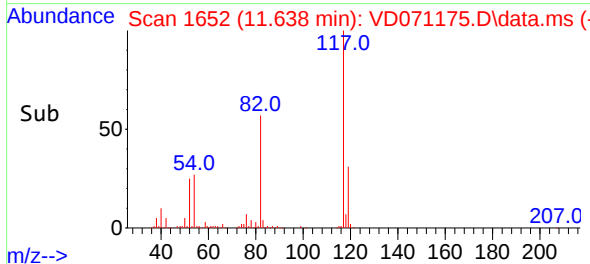
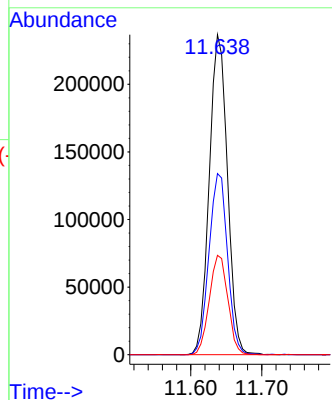


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Instrument :
MSVOA_D
ClientSampleId :

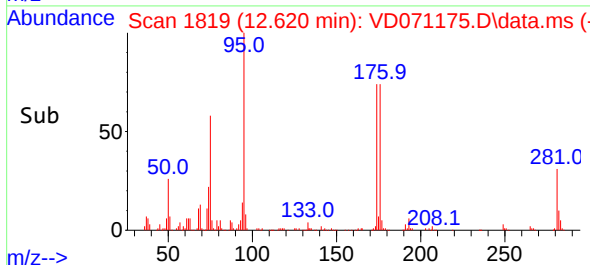
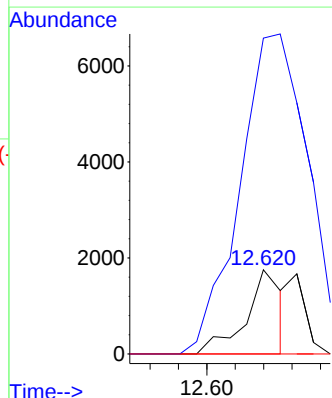
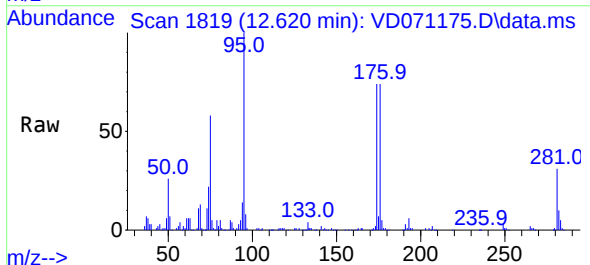


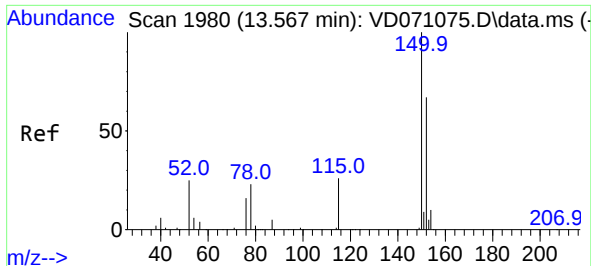
Tgt Ion:117 Resp: 421267
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.1 26.2 39.4



#71
Bromoform
Concen: 1.05 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

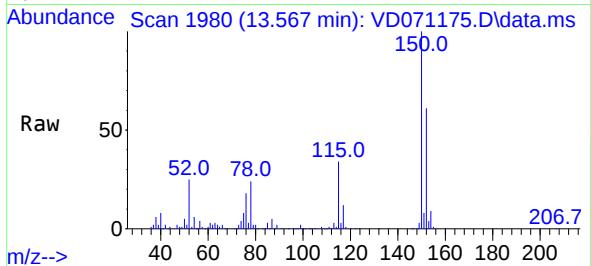
Tgt Ion:173 Resp: 1548
Ion Ratio Lower Upper
173 100
175 607.4 24.1 72.2#
254 0.0 0.1 0.1#



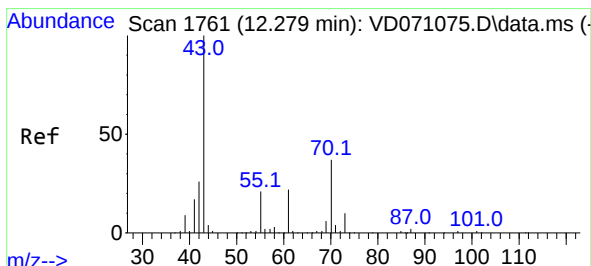
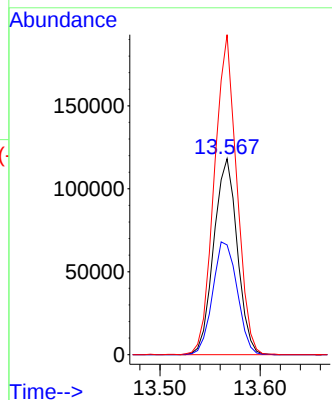
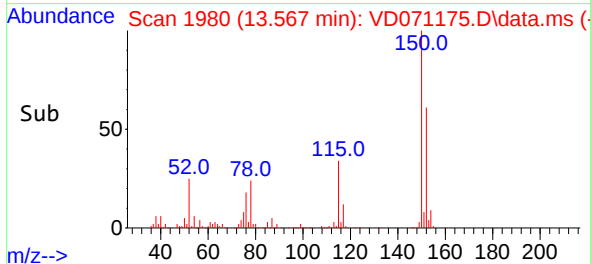


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

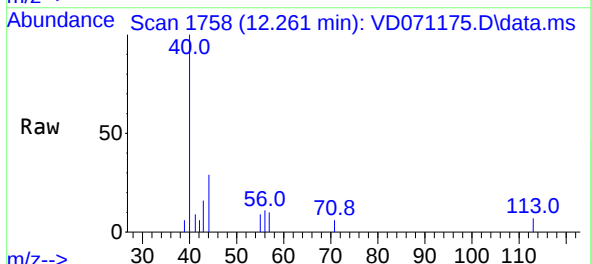
Instrument :
MSVOA_D
ClientSampleId :



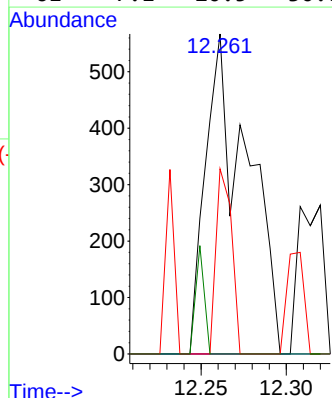
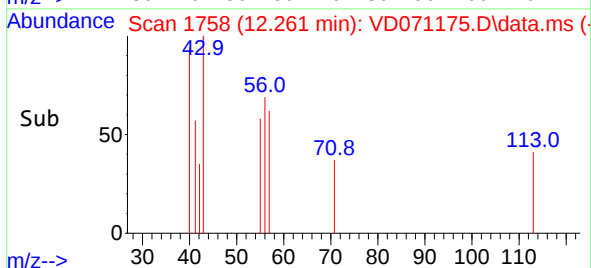
Tgt Ion:152 Resp: 191897
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.3
150 156.1 0.0 349.2

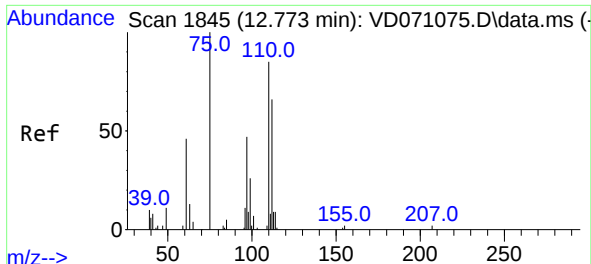


#74
N-ethyl acetate
Concen: 5.93 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33



Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 21.7 22.5 33.7#
61 7.1 20.5 30.7#

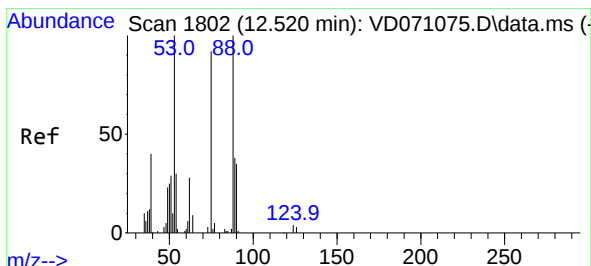
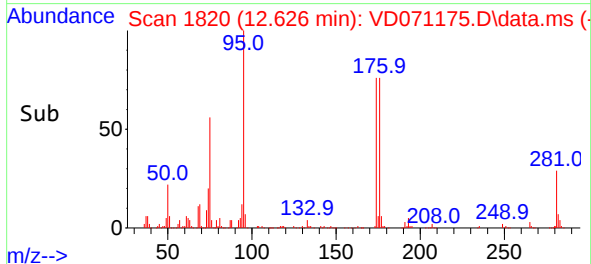
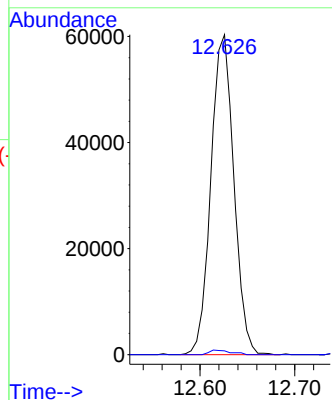
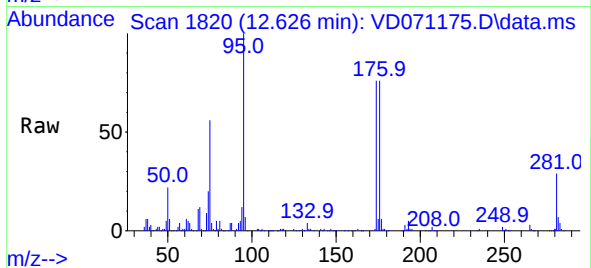




#76
1,2,3-Trichloropropane
Concen: 55.62 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 101690
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.84 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion: 75 Resp: 101690
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.6 34.5 51.7#

