

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071196.D
 Acq On : 08 Dec 2021 10:53
 Operator : VA/SY
 Sample : VD1208SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 09 10:13:16 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)

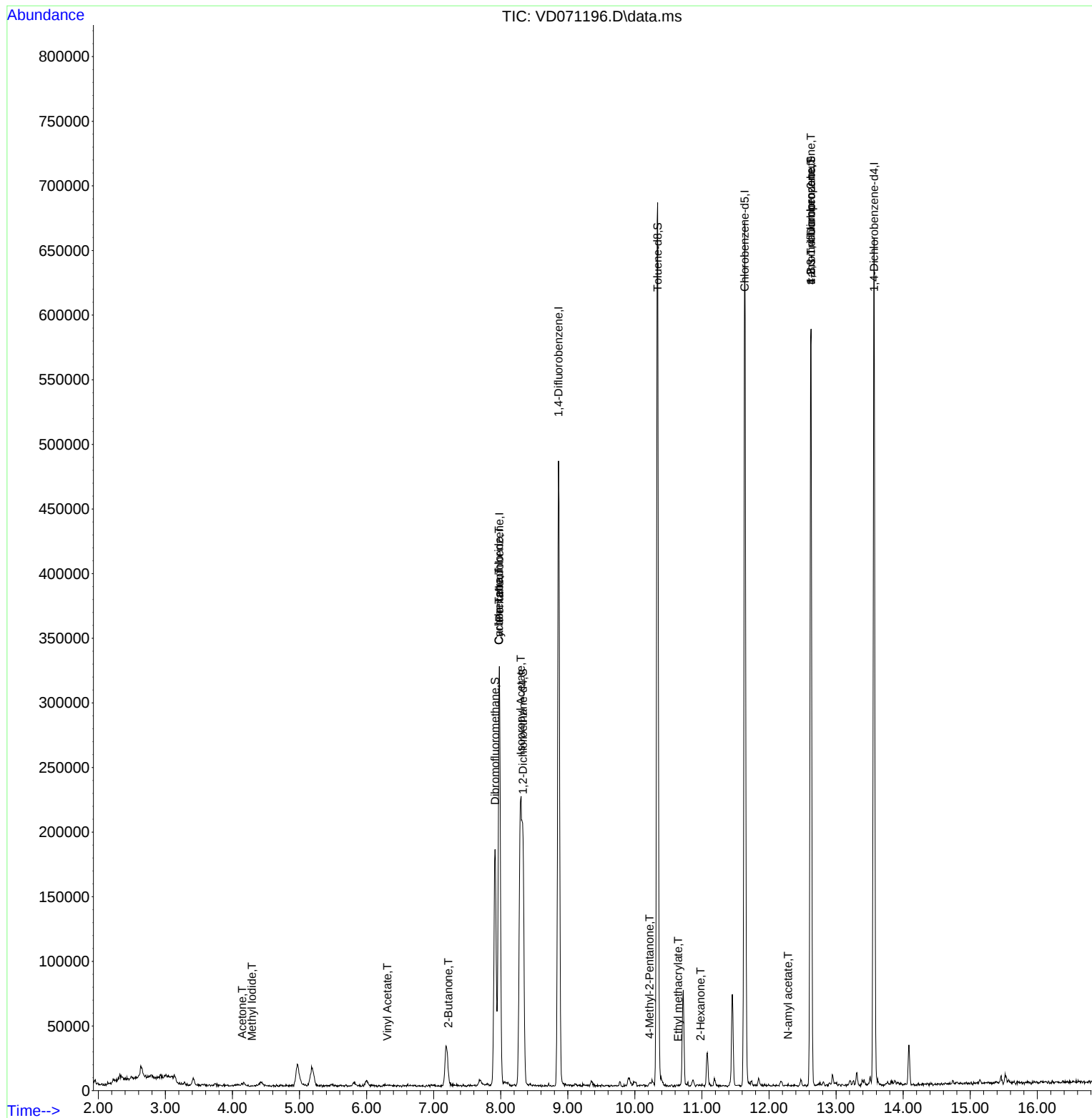
Internal Standards						
1) Pentafluorobenzene	7.979	168	225698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	388062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	357697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	155747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141983	53.613	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.220%			
35) Dibromofluoromethane	7.914	113	126827	51.323	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.640%			
50) Toluene-d8	10.338	98	446521	47.482	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.960%			
62) 4-Bromofluorobenzene	12.626	95	156694	48.069	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.140%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	54	4.579	ug/l #	40
11) Tert butyl alcohol	5.179	59	6690	Below Cal	#	74
16) Acetone	4.144	43	1683	32.895	ug/l	98
20) Methylene Chloride	4.962	84	5843	Below Cal		92
23) Vinyl Acetate	6.309	43	651	27.353	ug/l #	72
25) 2-Butanone	7.220	43	441	28.840	ug/l #	45
31) Cyclohexane	7.973	56	7544	1.675	ug/l #	45
38) Carbon Tetrachloride	7.973	117	23686	6.625	ug/l #	19
41) Methacrylonitrile	7.520	41	144	Below Cal	#	38
43) Isopropyl Acetate	8.297	43	7423	7.151	ug/l #	16
51) 4-Methyl-2-Pentanone	10.220	43	2705	31.995	ug/l #	81
56) Ethyl methacrylate	10.644	69	68	5.994	ug/l #	1
59) 2-Hexanone	10.979	43	688	35.019	ug/l	72
74) N-amyl acetate	12.285	43	312	5.791	ug/l #	51
76) 1,2,3-Trichloropropane	12.626	75	87581	59.021	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	87581	127.880	ug/l #	18

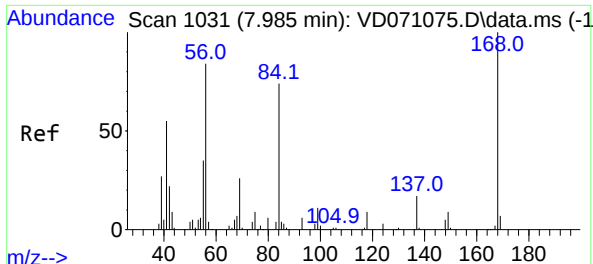
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VD1208SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Dec 09 10:13:16 2021
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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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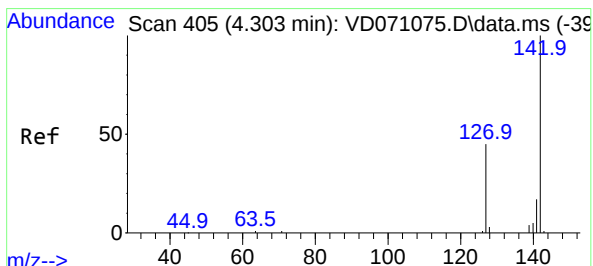
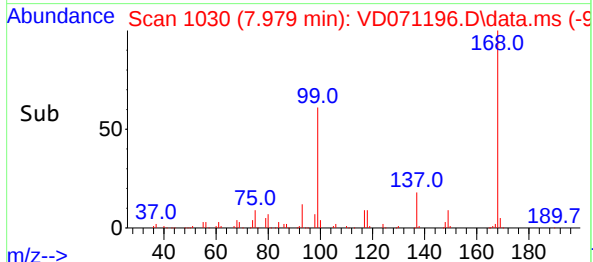
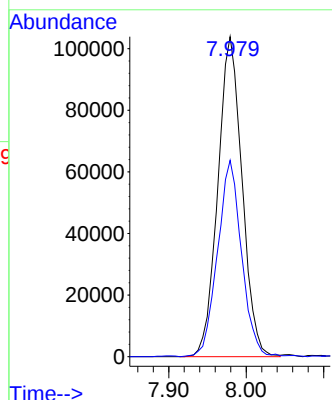
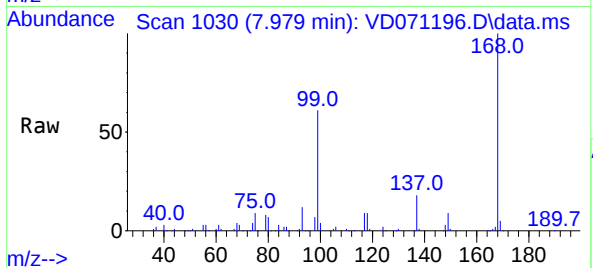




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

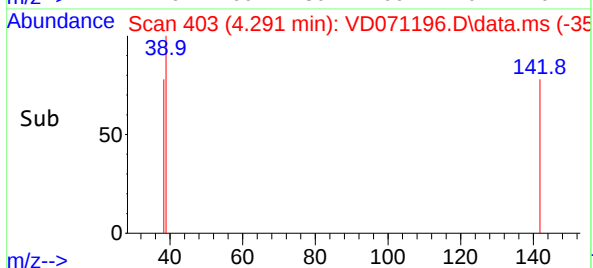
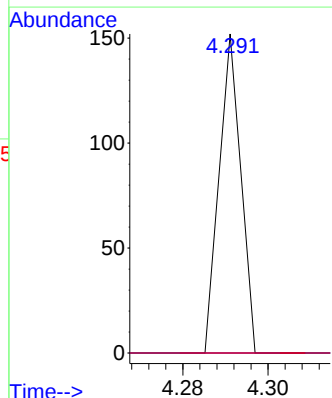
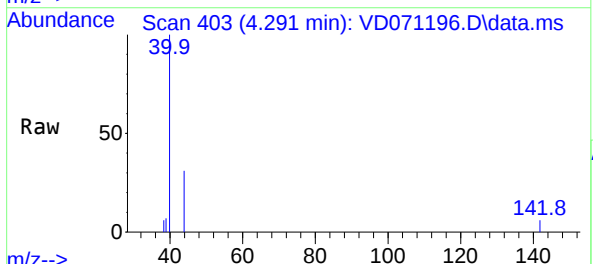
Instrument :
MSVOA_D
ClientSampleId :

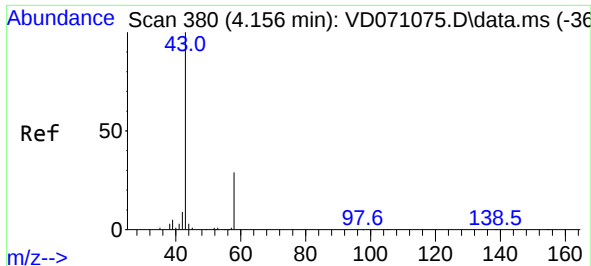
Tgt Ion:168 Resp: 225698
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#10
Methyl Iodide
Concen: 4.579 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

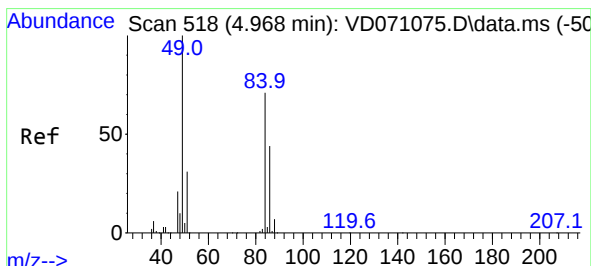
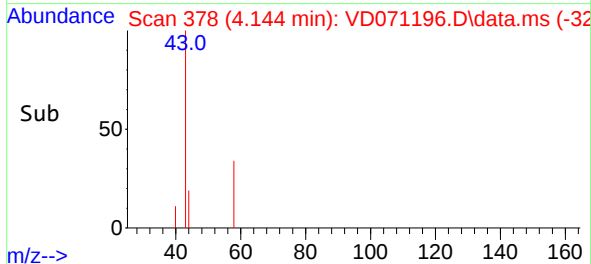
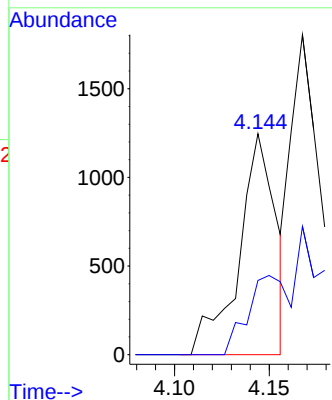
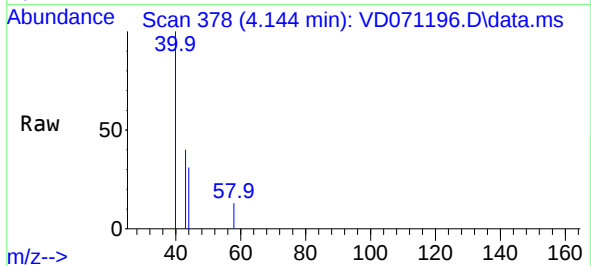




#16
Acetone
Concen: 32.895 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

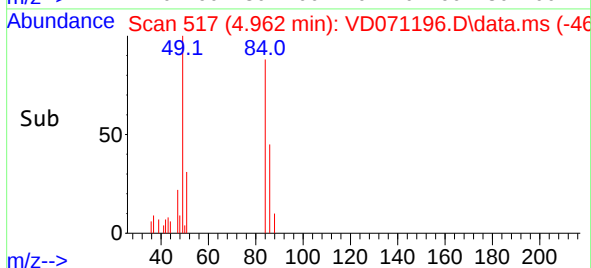
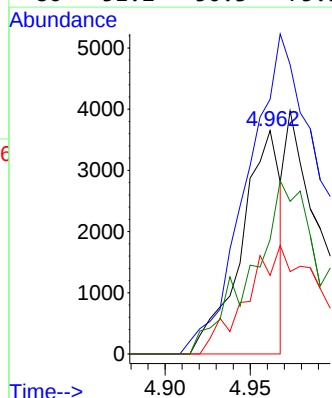
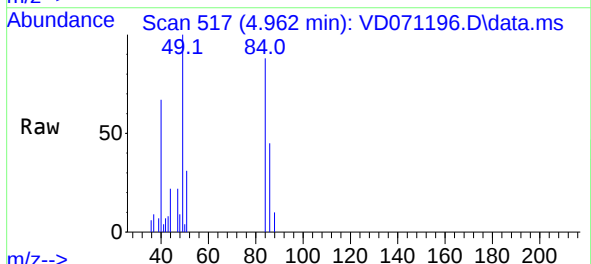
Instrument :
MSVOA_D
ClientSampleId :

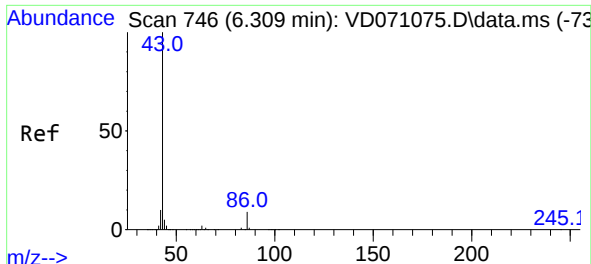
Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 84 Resp: 5843
Ion Ratio Lower Upper
84 100
49 114.1 95.8 143.6
51 35.1 30.9 46.3
86 51.2 50.3 75.5

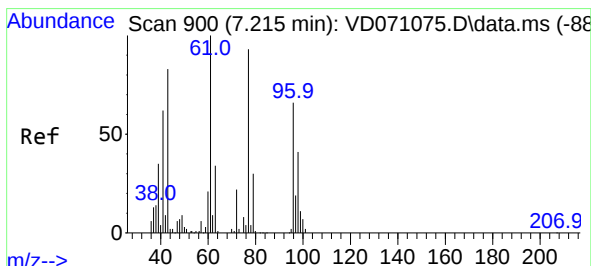
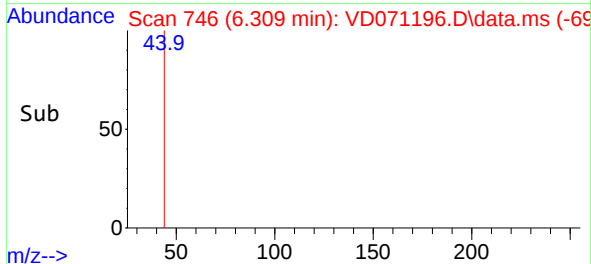
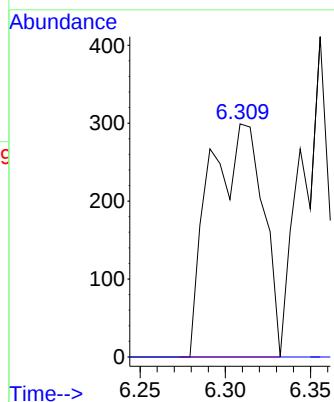
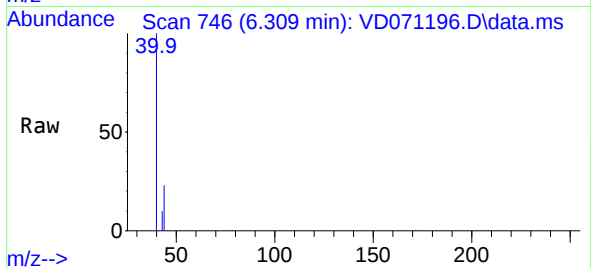




#23
 Vinyl Acetate
 Concen: 27.353 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD071196.D
 Acq: 08 Dec 2021 10:53

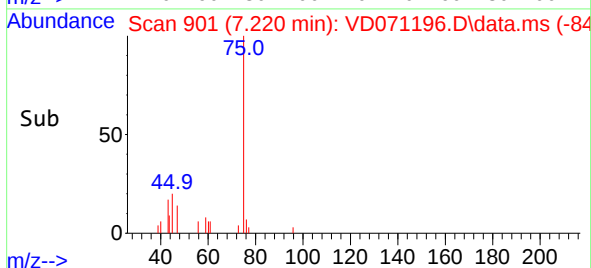
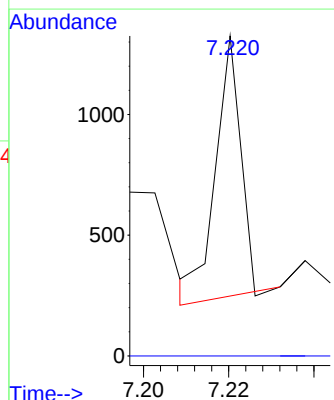
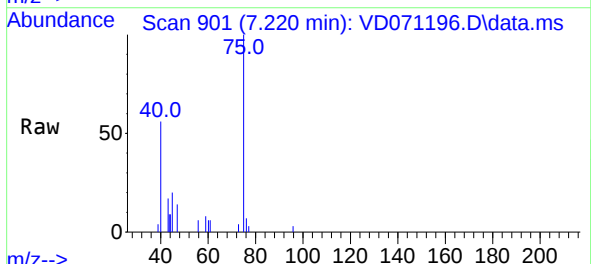
Instrument :
 MSVOA_D
 ClientSampleId :

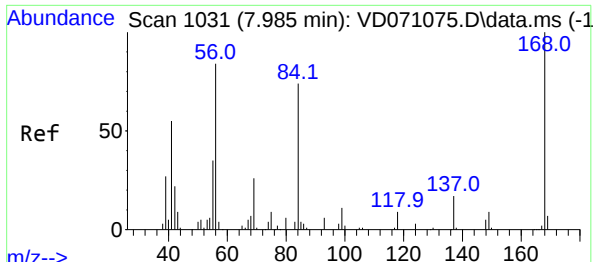
Tgt Ion: 43 Resp: 651
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 28.840 ug/l
 RT: 7.220 min Scan# 901
 Delta R.T. 0.005 min
 Lab File: VD071196.D
 Acq: 08 Dec 2021 10:53

Tgt Ion: 43 Resp: 441
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#





#31

Cyclohexane

Concen: 1.675 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

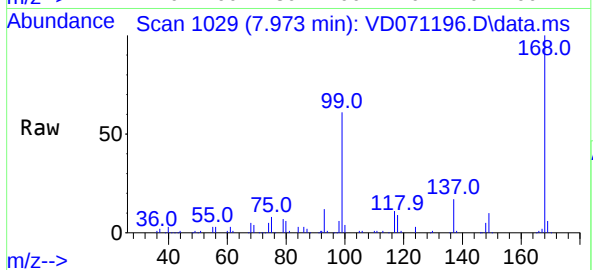
Lab File: VD071196.D

Acq: 08 Dec 2021 10:53

Instrument :

MSVOA_D

ClientSampleId :



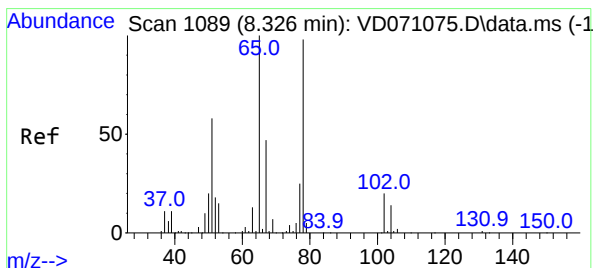
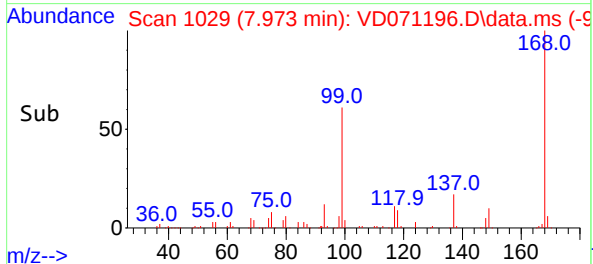
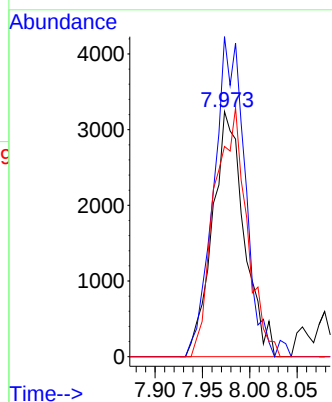
Tgt Ion: 56 Resp: 7544

Ion Ratio Lower Upper

56 100

69 130.6 25.9 38.9#

84 85.8 64.3 96.5



#33

1,2-Dichloroethane-d4

Concen: 53.613 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071196.D

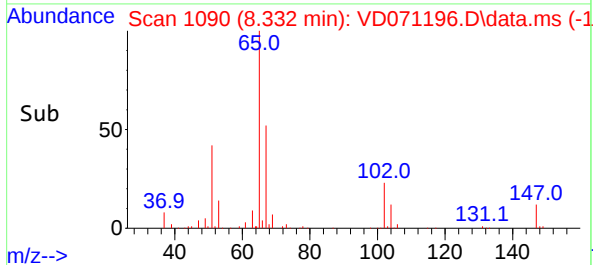
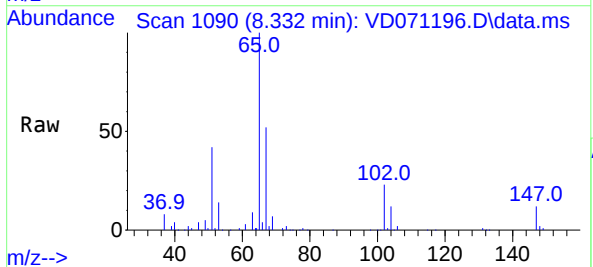
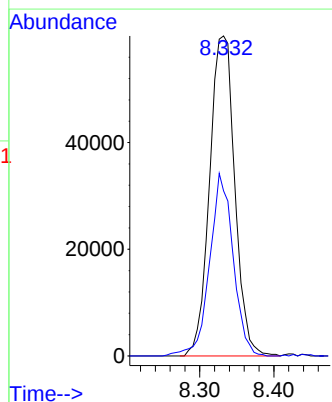
Acq: 08 Dec 2021 10:53

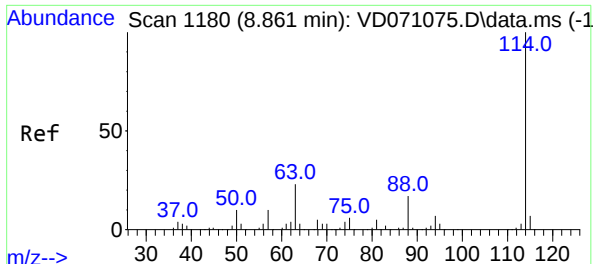
Tgt Ion: 65 Resp: 141983

Ion Ratio Lower Upper

65 100

67 53.2 0.0 112.2

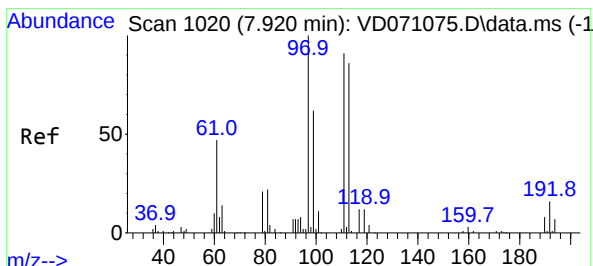
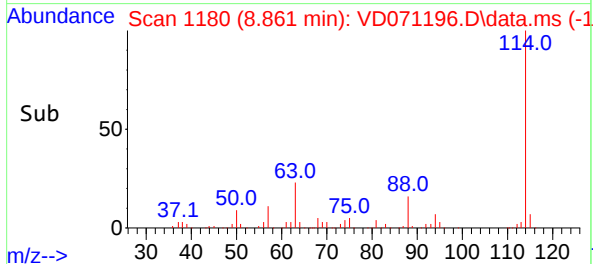
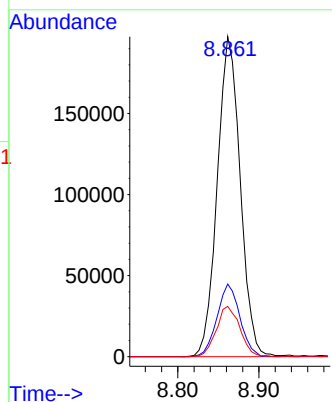
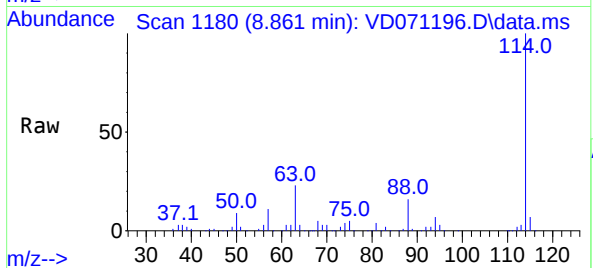




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

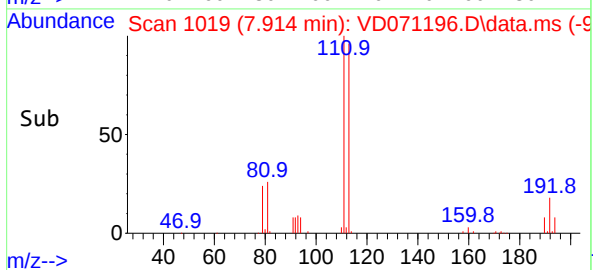
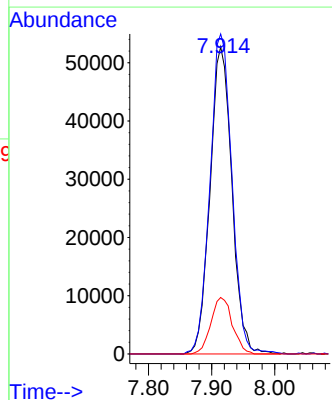
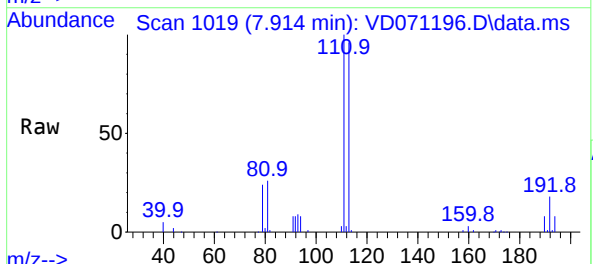
Instrument :
MSVOA_D
ClientSampleId :

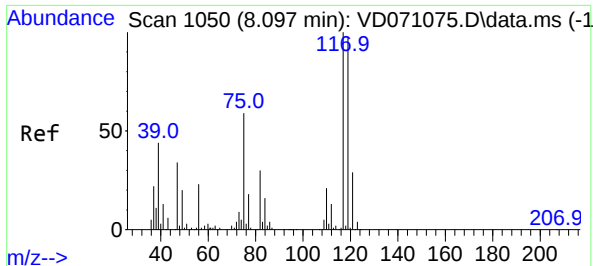
Tgt Ion:114 Resp: 388062
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.323 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

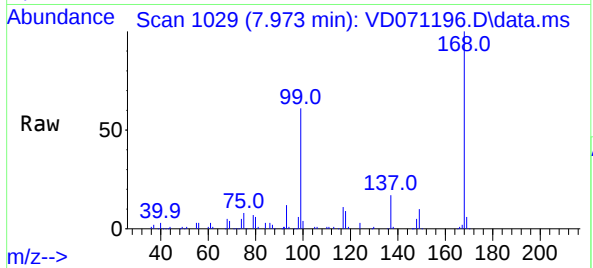
Tgt Ion:113 Resp: 126827
Ion Ratio Lower Upper
113 100
111 104.7 82.0 123.0
192 18.0 15.2 22.8



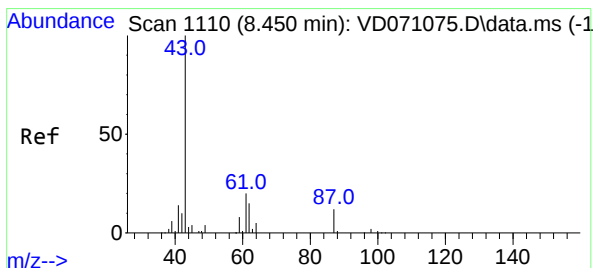
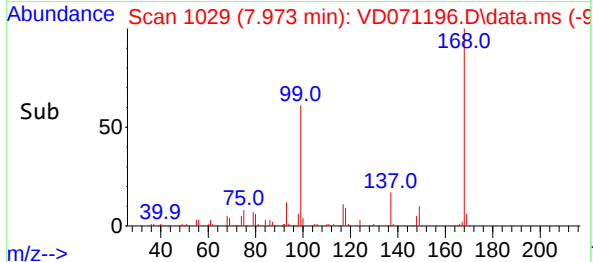
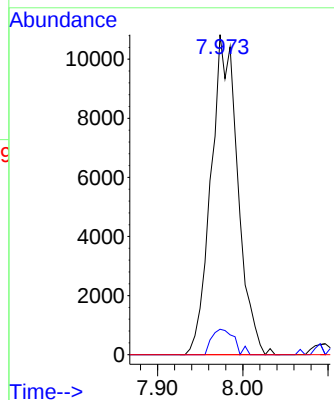


#38
Carbon Tetrachloride
Concen: 6.625 ug/l
RT: 7.973 min Scan# 1084
Delta R.T. -0.124 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :

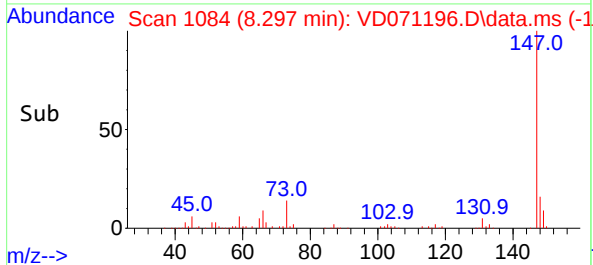
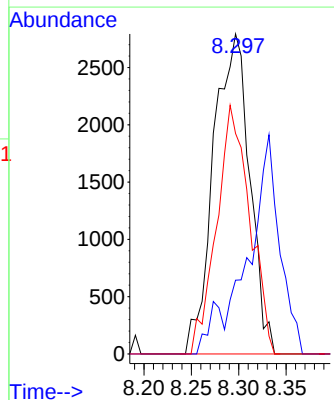
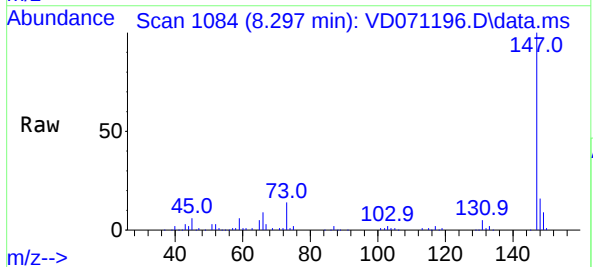


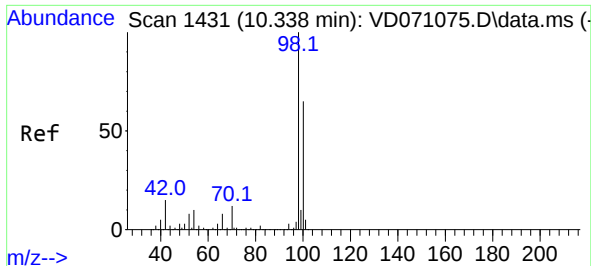
Tgt Ion:117 Resp: 23686
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 7.151 ug/l
RT: 8.297 min Scan# 1084
Delta R.T. -0.153 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 43 Resp: 7423
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 71.3 10.7 16.1#

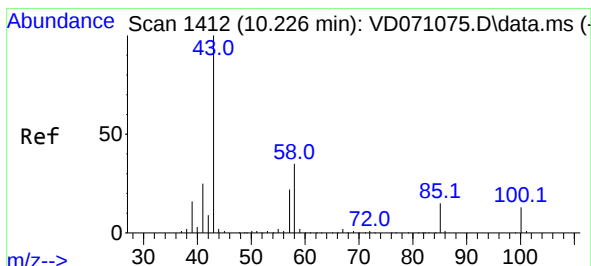
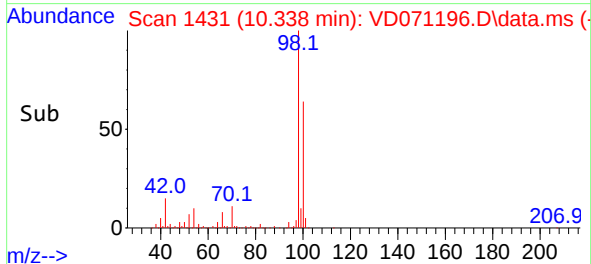
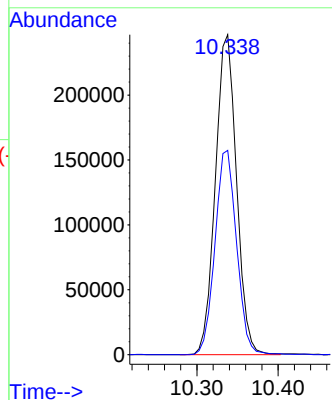
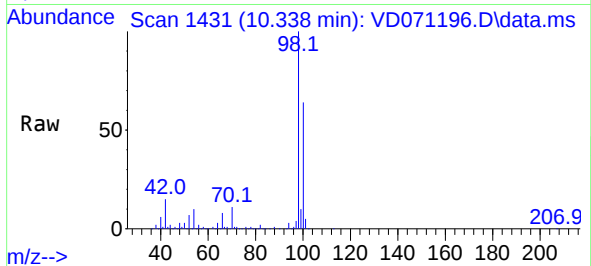




#50
Toluene-d8
Concen: 47.482 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

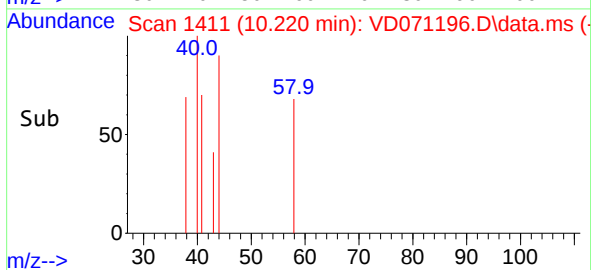
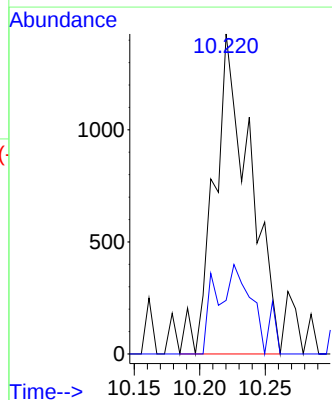
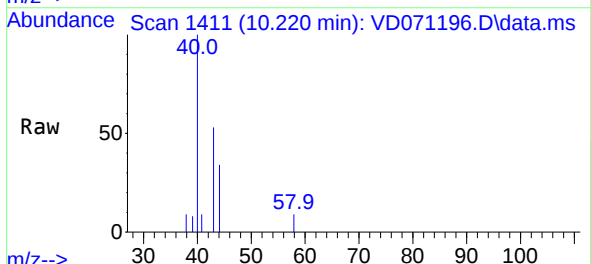
Instrument :
MSVOA_D
ClientSampleId :

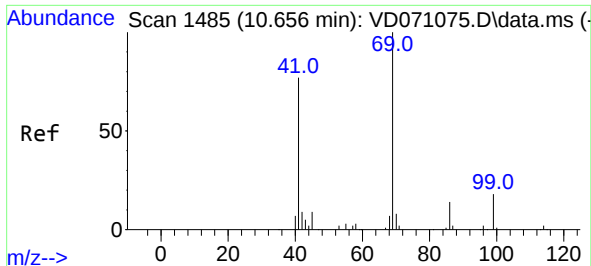
Tgt Ion: 98 Resp: 446521
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 31.995 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
58 29.3 33.1 49.7#

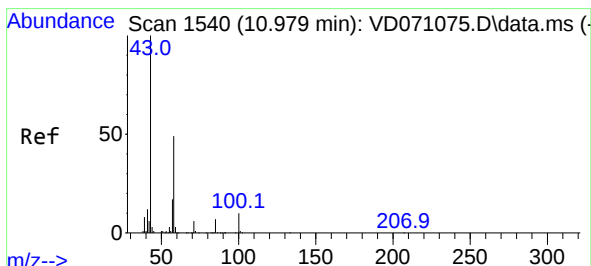
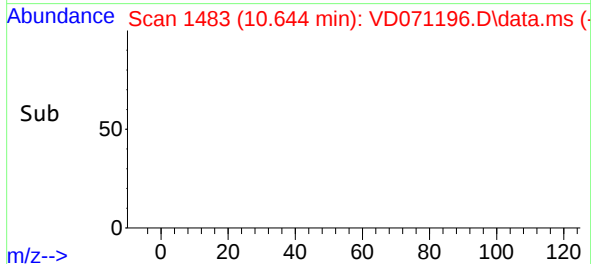
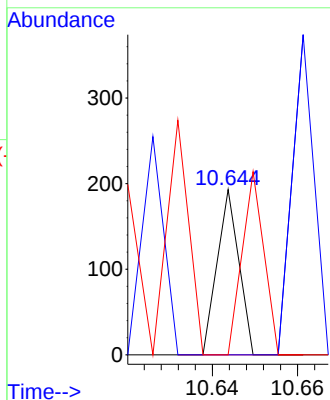
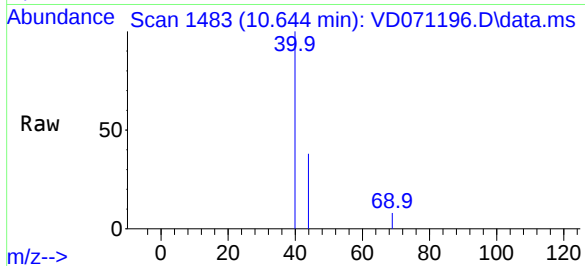




#56
Ethyl methacrylate
Concen: 5.994 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.012 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

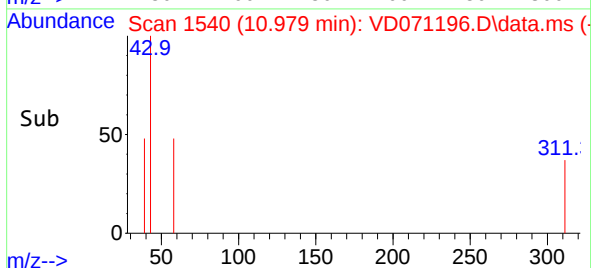
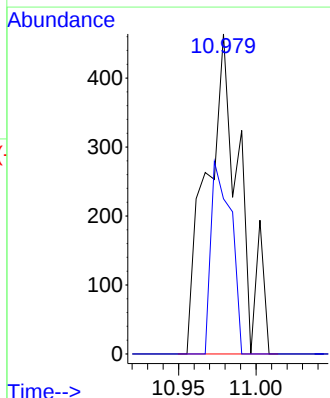
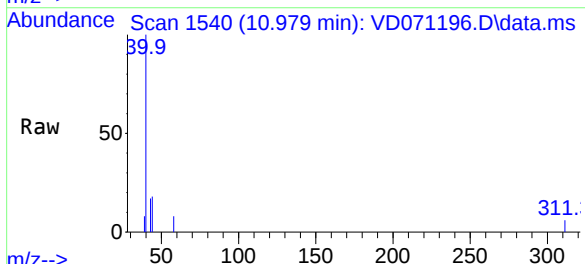
Instrument :
MSVOA_D
ClientSampleId :

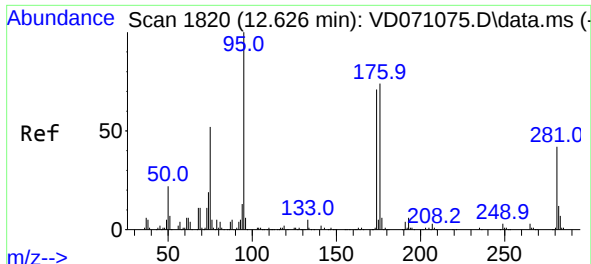
Tgt Ion: 69 Resp: 68
Ion Ratio Lower Upper
69 100
41 302.9 50.2 75.2#
39 111.8 19.8 29.8#



#59
2-Hexanone
Concen: 35.019 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 36.5 28.7 86.1

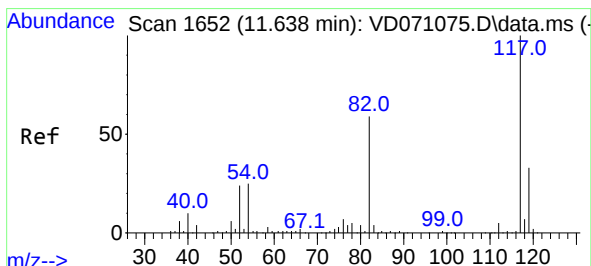
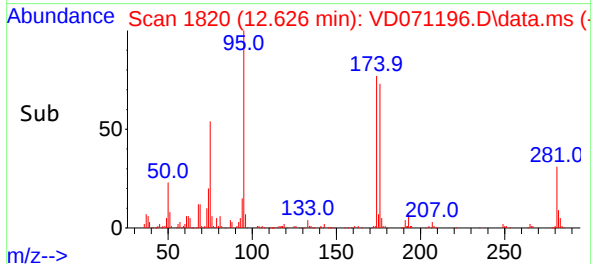
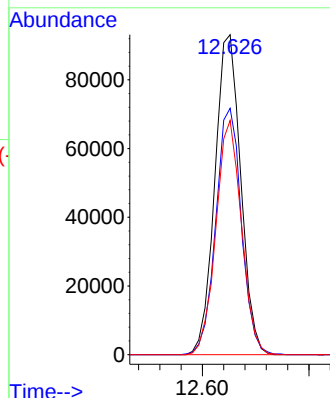
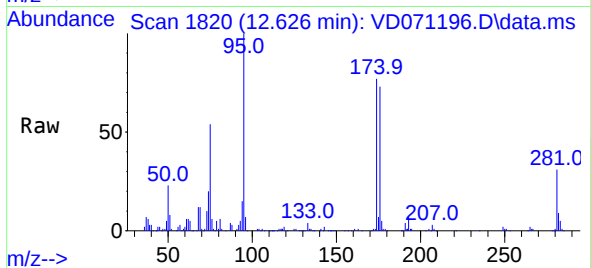




#62
4-Bromofluorobenzene
Concen: 48.069 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

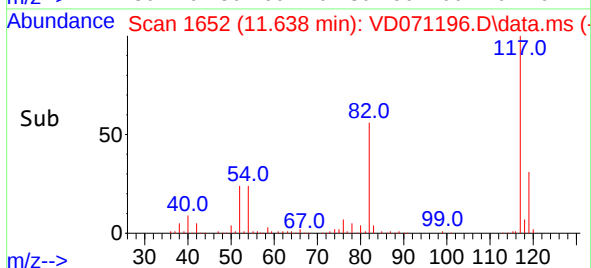
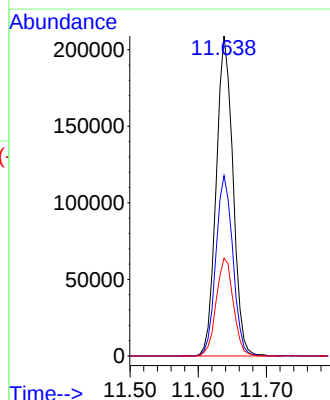
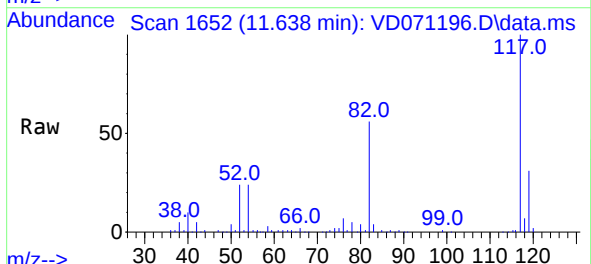
Instrument :
MSVOA_D
ClientSampleId :

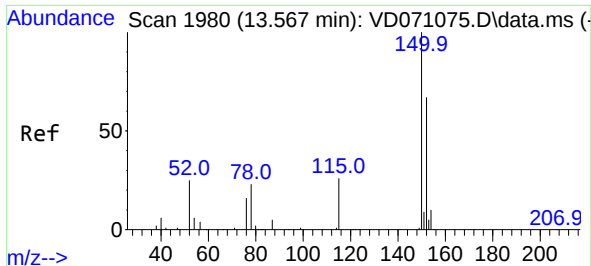
Tgt Ion: 95 Resp: 156694
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.4
176 72.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

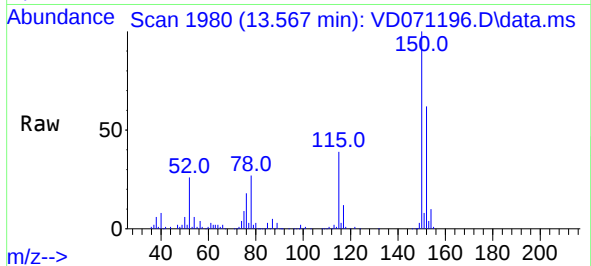
Tgt Ion: 117 Resp: 357697
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 30.5 26.2 39.4



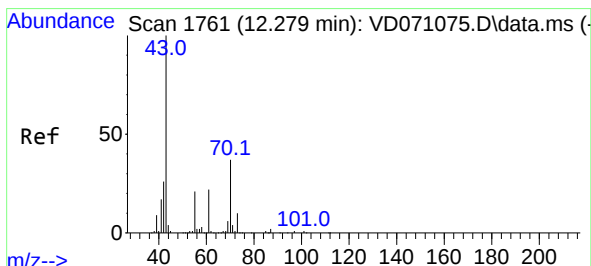
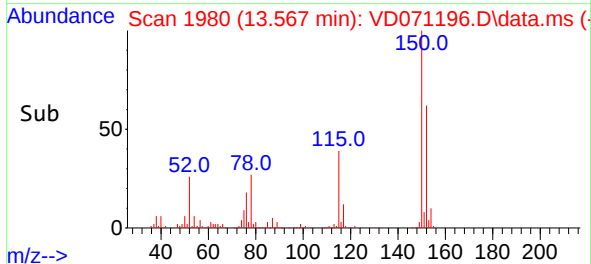
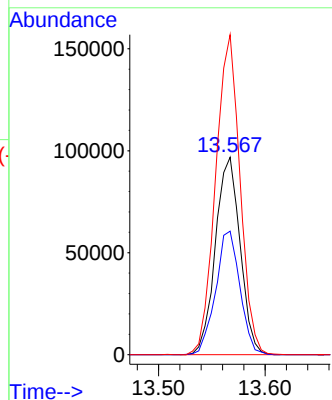


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :

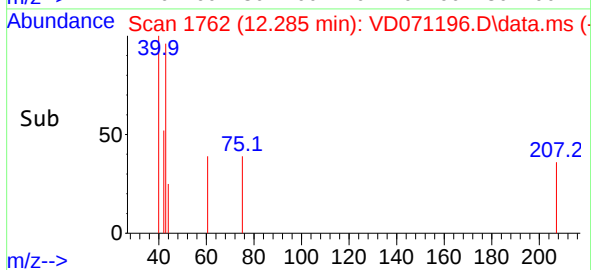
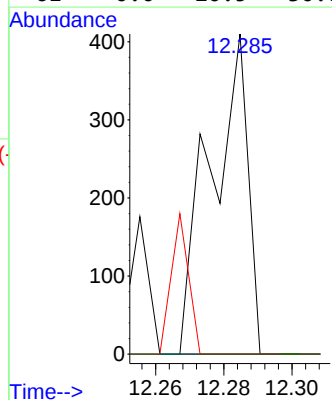
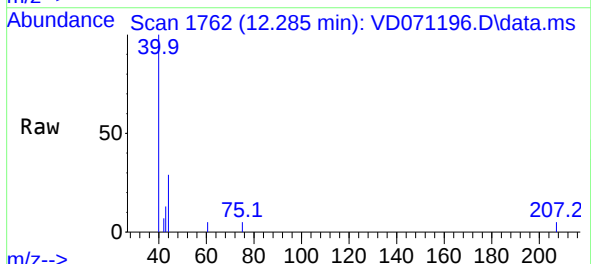


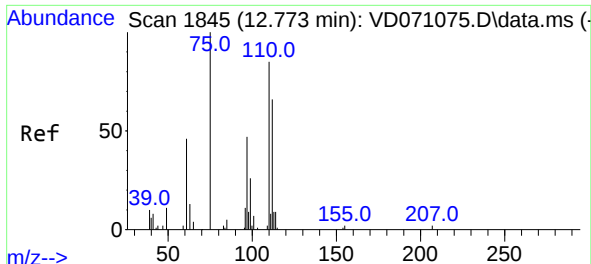
Tgt Ion:152 Resp: 155747
Ion Ratio Lower Upper
152 100
115 61.7 29.8 89.3
150 160.1 0.0 349.2



#74
N-ethyl acetate
Concen: 5.791 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 20.2 22.5 33.7#
61 0.0 20.5 30.7#

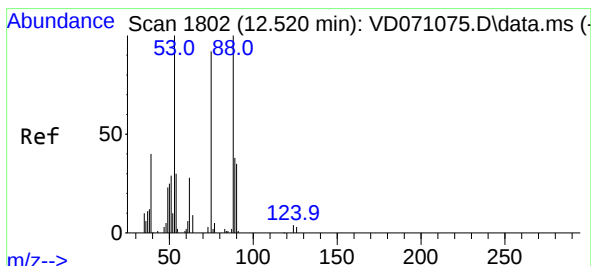
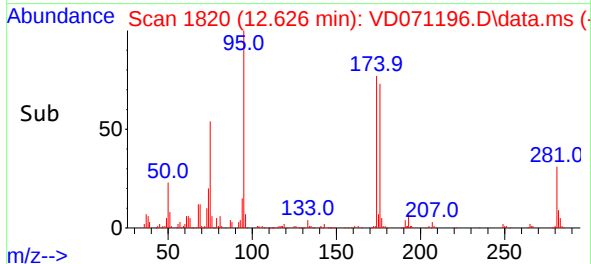
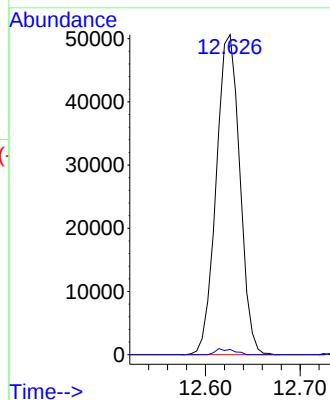
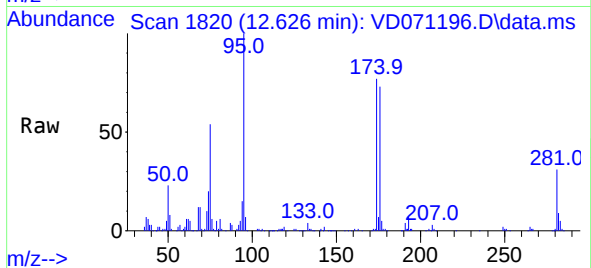




#76
1,2,3-Trichloropropane
Concen: 59.021 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 87581
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.880 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 75 Resp: 87581
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.3 34.5 51.7#

