

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071420.D
 Acq On : 21 Dec 2021 19:40
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 20:02:23 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)

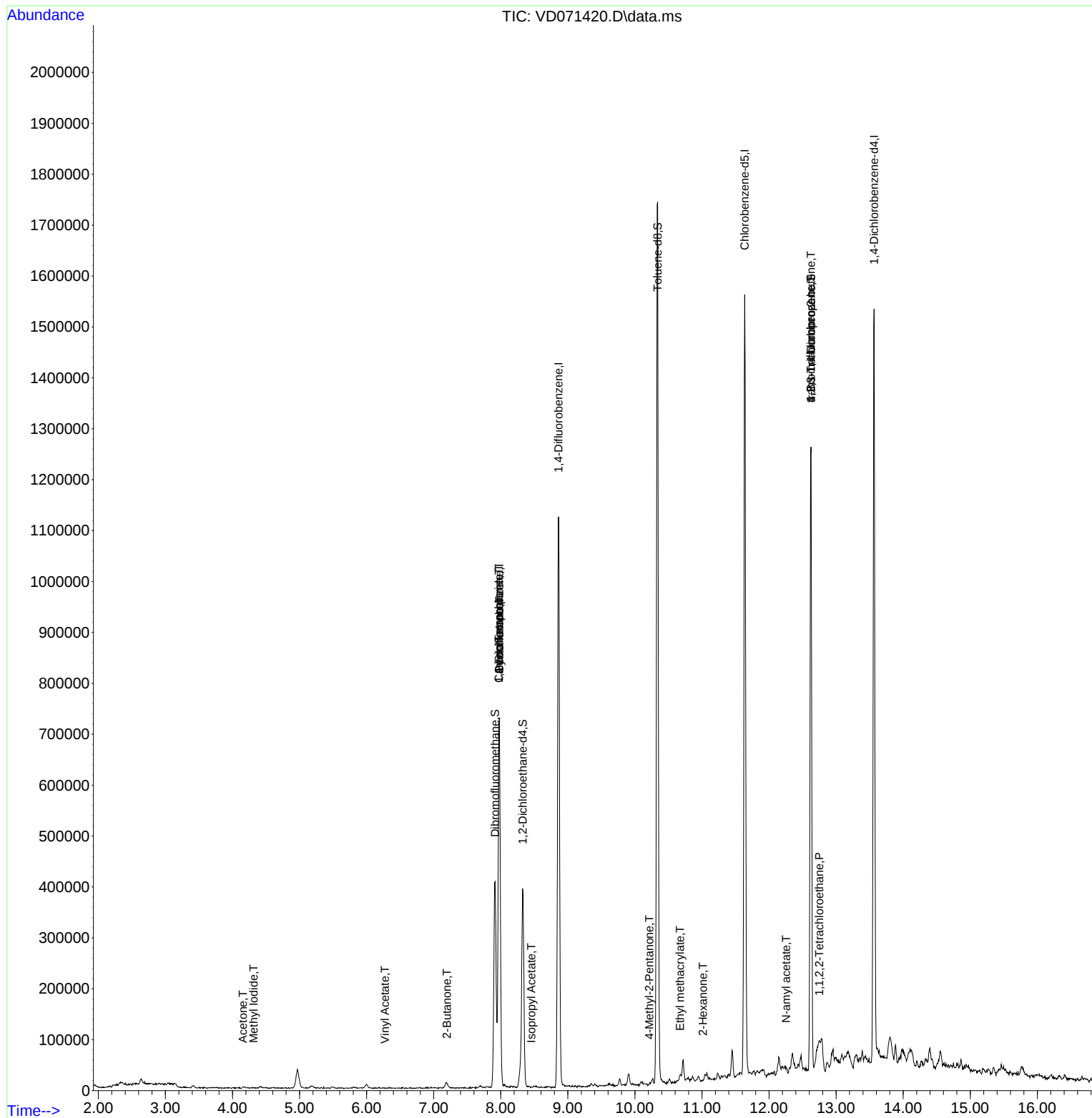
Internal Standards						
1) Pentafluorobenzene	7.979	168	513124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	915194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	821181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	368599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	302935	50.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.914	113	289859	49.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.338	98	1147207	51.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.626	95	379521	49.367	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.740%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	227	4.595	ug/l #	40
11) Tert butyl alcohol	5.185	59	3565	Below Cal	#	71
16) Acetone	4.156	43	3578	32.758	ug/l #	82
20) Methylene Chloride	4.973	84	24580	Below Cal		93
23) Vinyl Acetate	6.273	43	55	27.223	ug/l #	72
25) 2-Butanone	7.197	43	818	28.752	ug/l #	45
31) Cyclohexane	7.979	56	14016	1.369	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	44841	5.242	ug/l #	50
38) Carbon Tetrachloride	7.973	117	55506	6.583	ug/l #	15
41) Methacrylonitrile	7.514	41	145	Below Cal	#	39
43) Isopropyl Acetate	8.455	43	285	5.254	ug/l #	47
51) 4-Methyl-2-Pentanone	10.214	43	741	30.808	ug/l #	34
56) Ethyl methacrylate	10.673	69	1905	6.251	ug/l #	1
59) 2-Hexanone	11.014	43	379	34.678	ug/l #	22
74) N-amyl acetate	12.255	43	3024	6.068	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.749	83	9352	2.128	ug/l #	32
76) 1,2,3-Trichloropropane	12.626	75	215708	61.423	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	215708	132.848	ug/l #	18

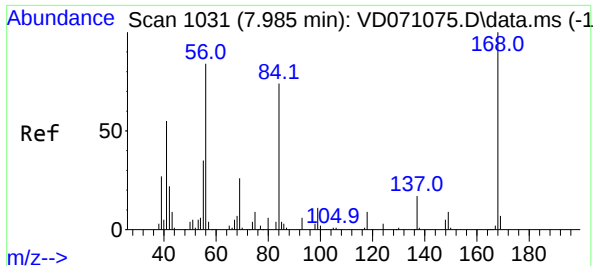
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 21 20:02:23 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

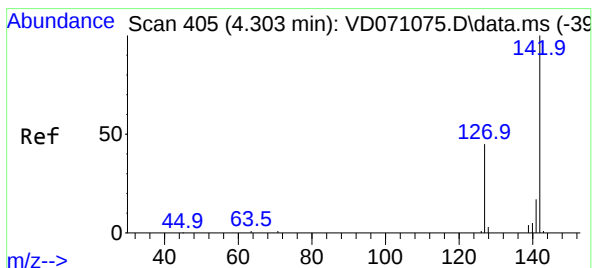
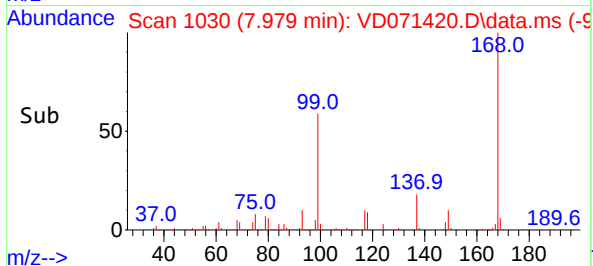
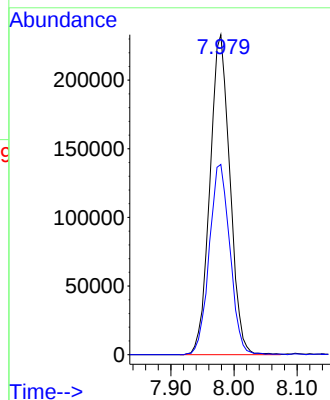
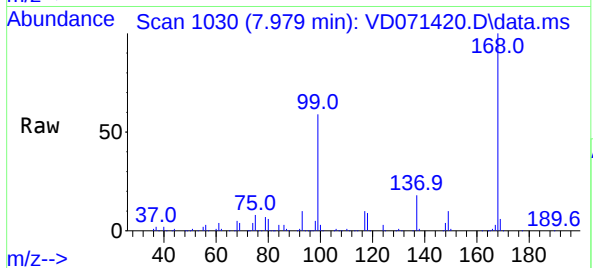




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

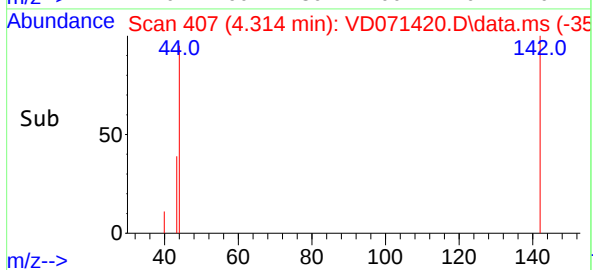
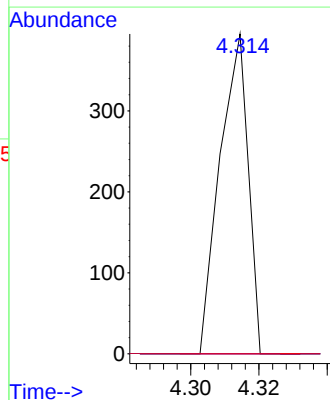
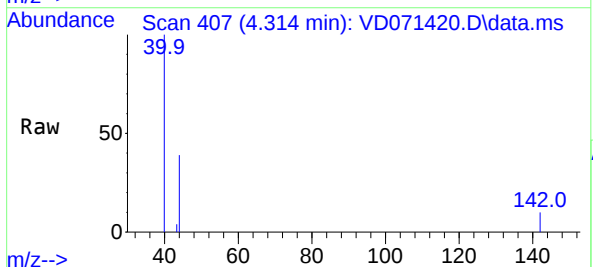
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 513124
Ion Ratio Lower Upper
168 100
99 59.4 46.6 69.8



#10
Methyl Iodide
Concen: 4.595 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Tgt Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

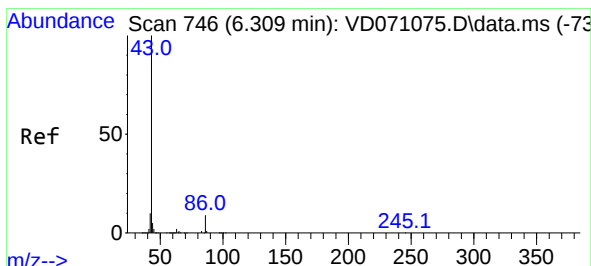
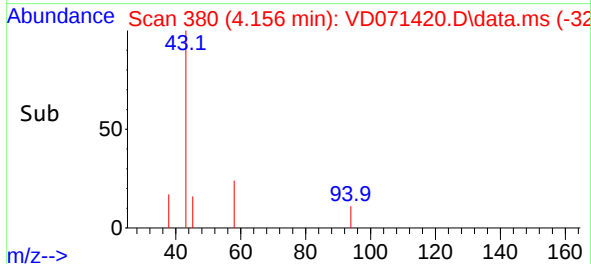
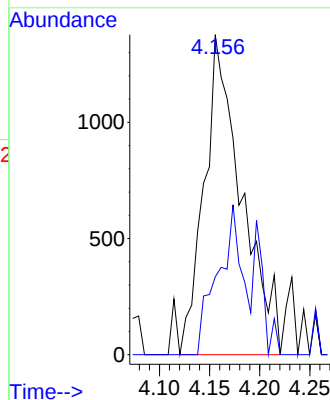
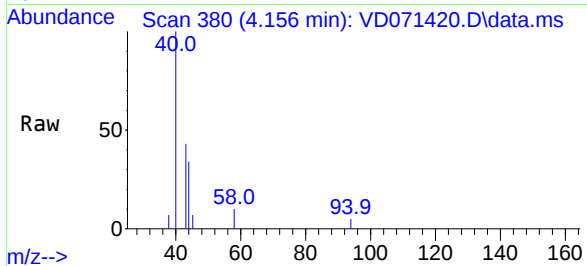




#16
Acetone
Concen: 32.758 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

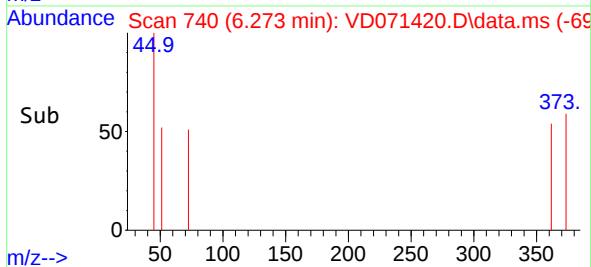
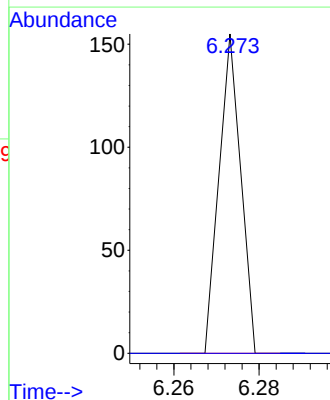
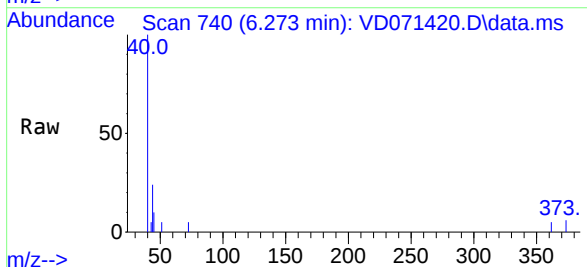
Instrument :
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ClientSampleId :

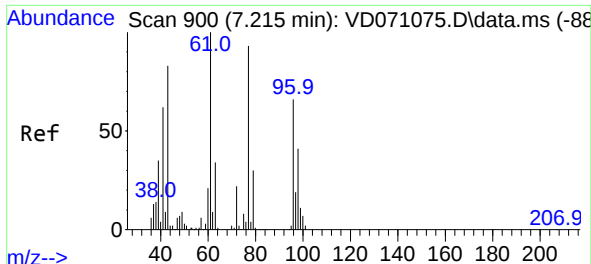
Tgt Ion: 43 Resp: 3578
Ion Ratio Lower Upper
43 100
58 24.3 27.8 41.8#



#23
Vinyl Acetate
Concen: 27.223 ug/l
RT: 6.273 min Scan# 740
Delta R.T. -0.036 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

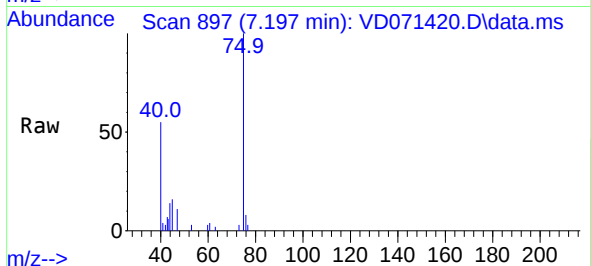
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



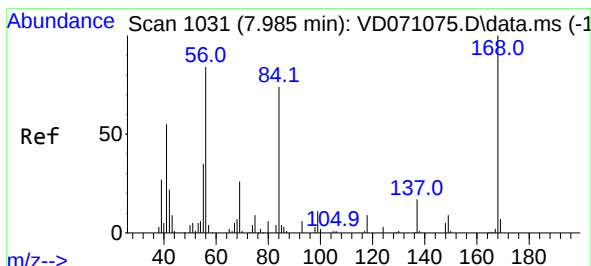
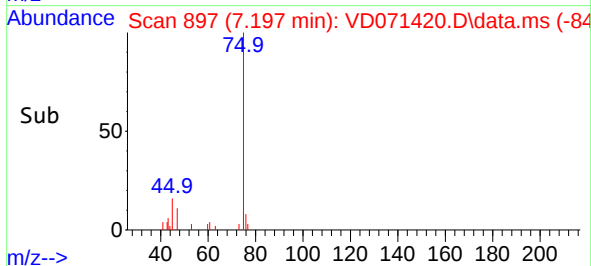
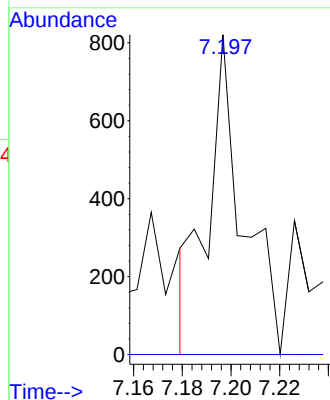


#25
2-Butanone
Concen: 28.752 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :

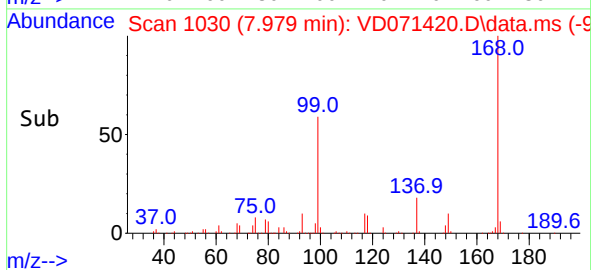
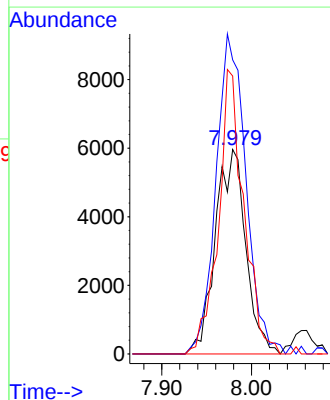
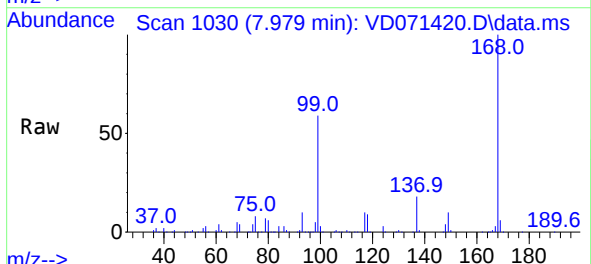


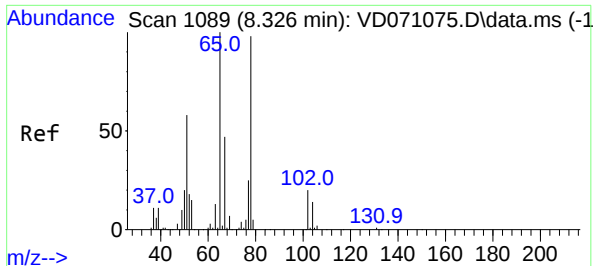
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Tgt Ion: 56 Resp: 14016
Ion Ratio Lower Upper
56 100
69 143.8 25.9 38.9#
84 135.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 50.314 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071420.D

Acq: 21 Dec 2021 19:40

Instrument :

MSVOA_D

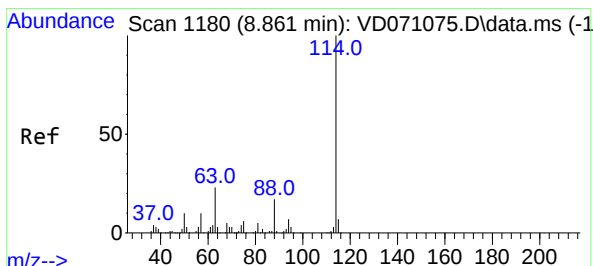
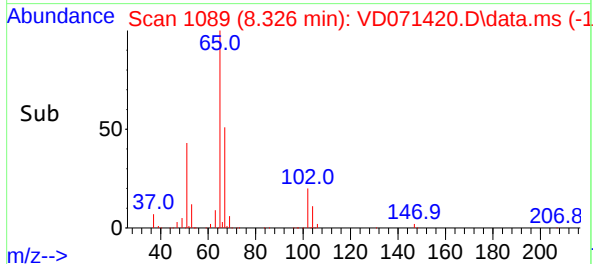
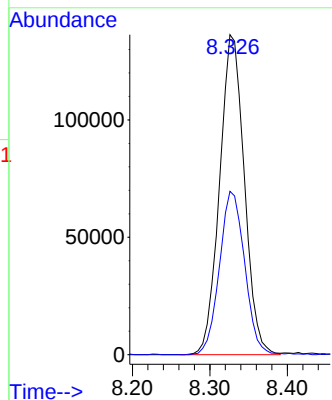
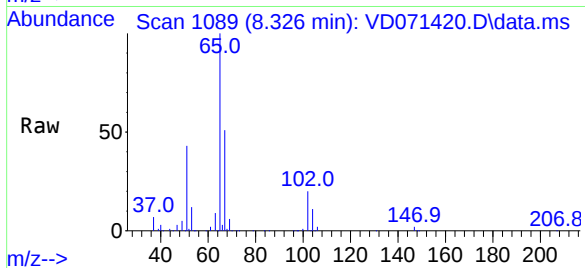
ClientSampleId :

Tgt Ion: 65 Resp: 302935

Ion Ratio Lower Upper

65 100

67 52.2 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: VD071420.D

Acq: 21 Dec 2021 19:40

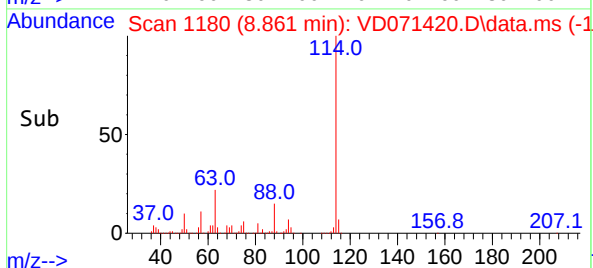
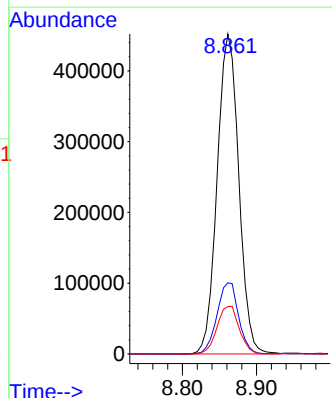
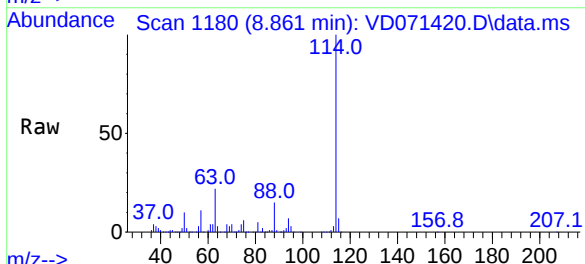
Tgt Ion: 114 Resp: 915194

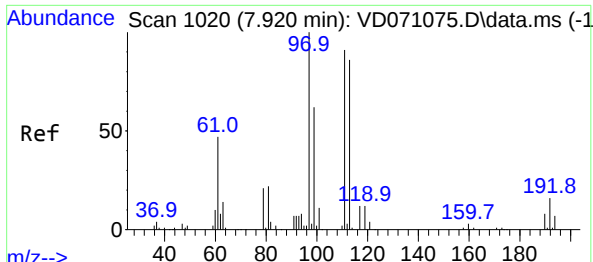
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

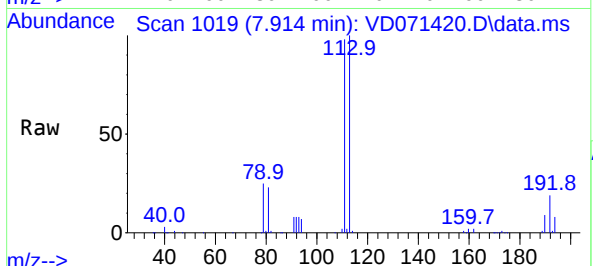
88 14.8 0.0 32.8



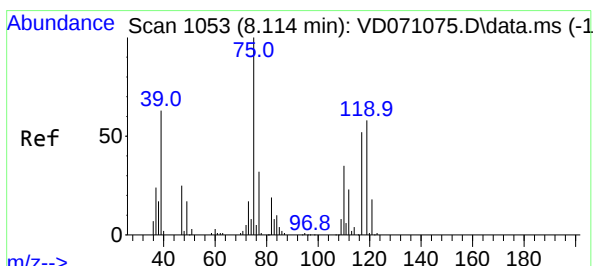
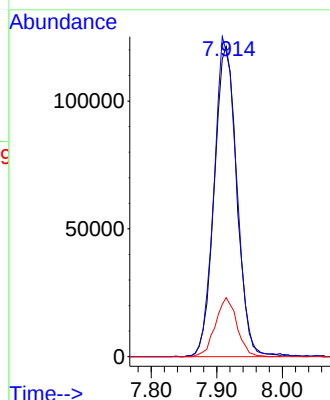
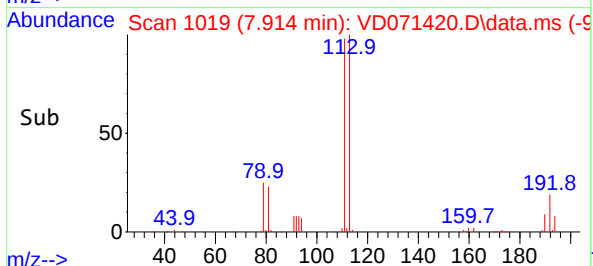


#35
Dibromofluoromethane
Concen: 49.737 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

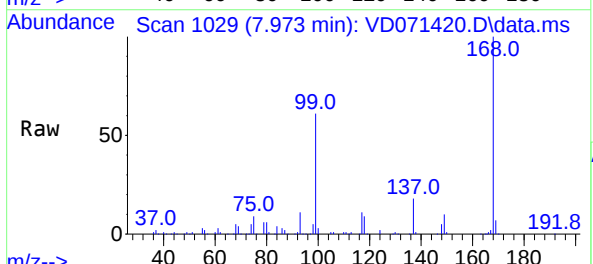
Instrument :
MSVOA_D
ClientSampleId :



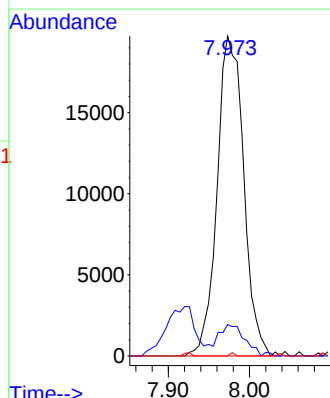
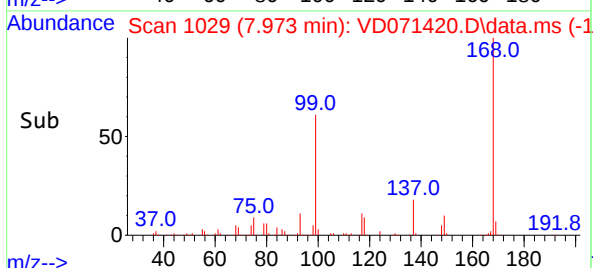
Tgt Ion:113 Resp: 289859
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.2 15.2 22.8

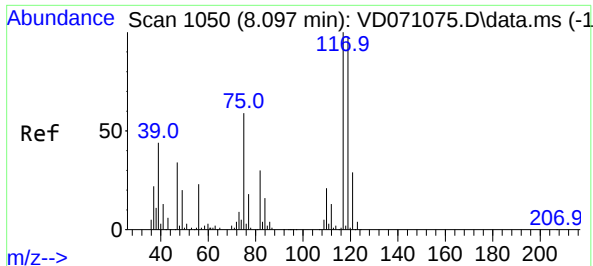


#36
1,1-Dichloropropene
Concen: 5.242 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40



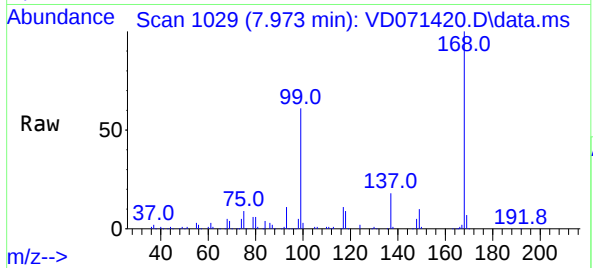
Tgt Ion: 75 Resp: 44841
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.4#
77 0.2 24.8 37.2#



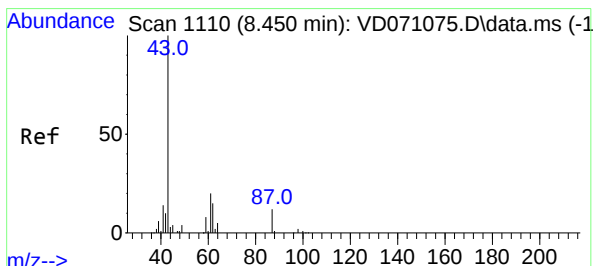
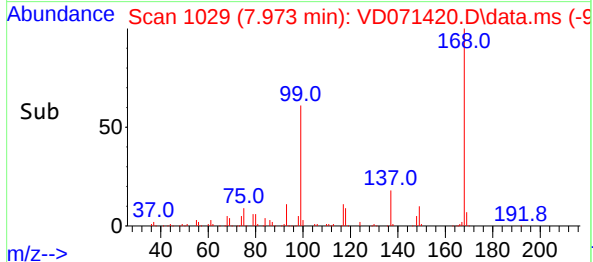
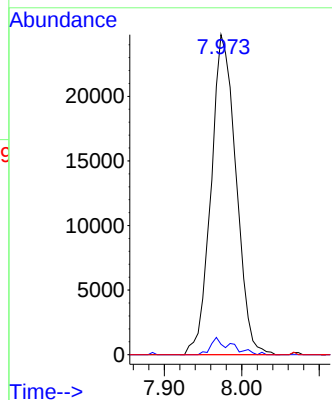


#38
Carbon Tetrachloride
Concen: 6.583 ug/l
RT: 7.973 min Scan# 1109
Delta R.T. -0.124 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :

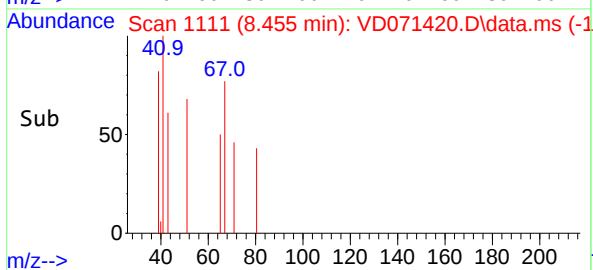
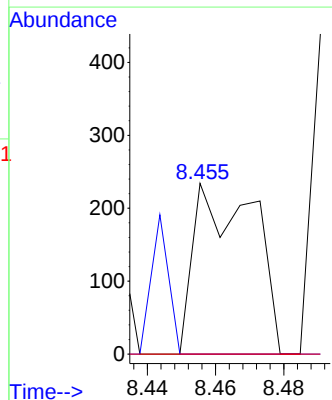
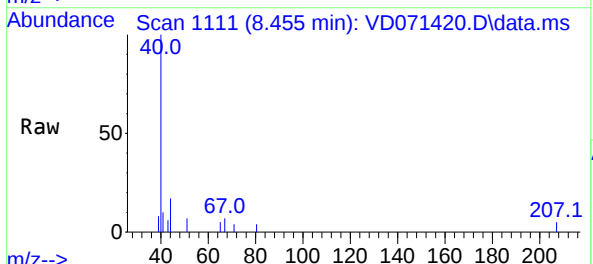


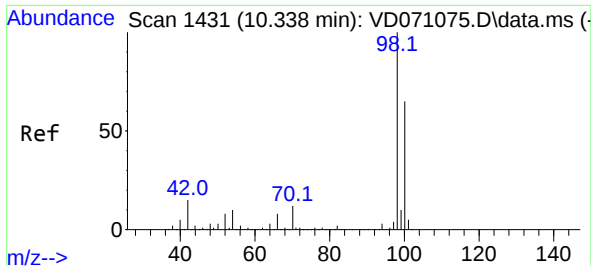
Tgt Ion:117 Resp: 55506
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 5.254 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

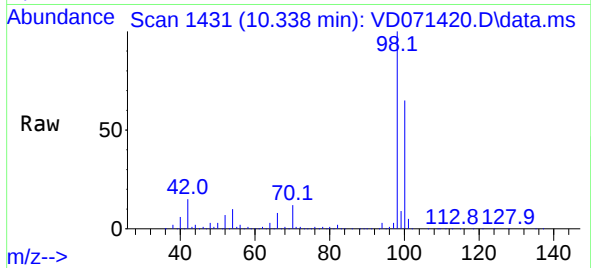
Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#



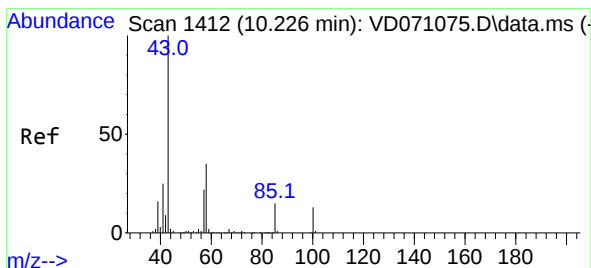
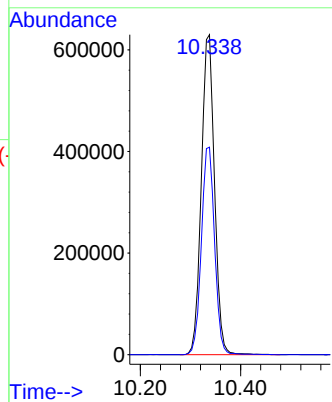
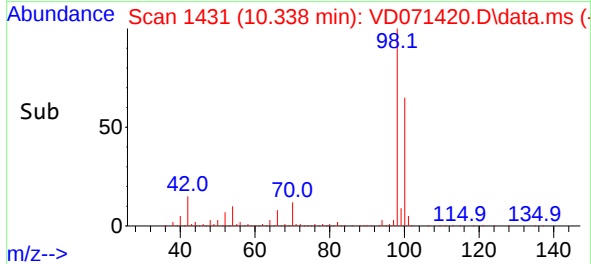


#50
Toluene-d8
Concen: 51.727 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :

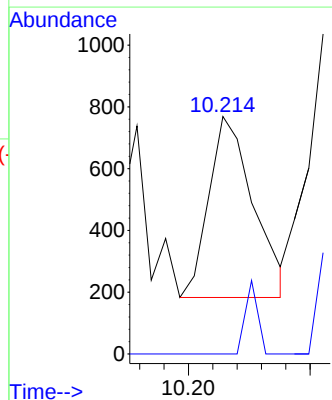
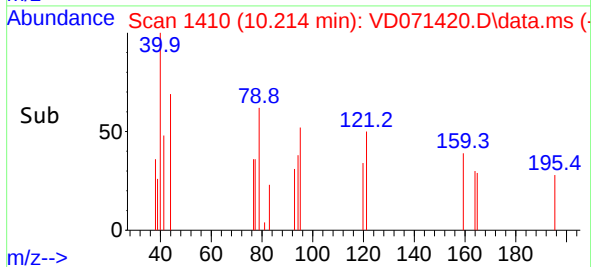
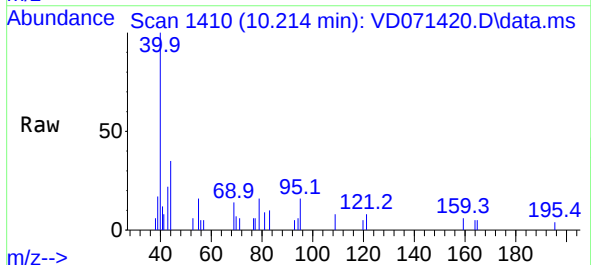


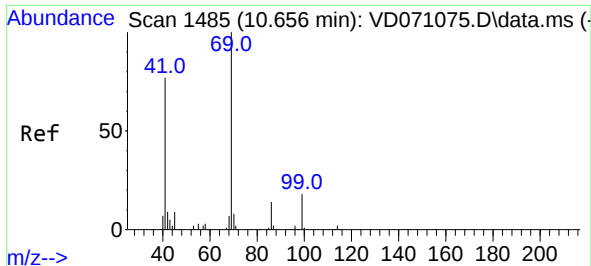
Tgt Ion: 98 Resp: 1147207
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 30.808 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.012 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#

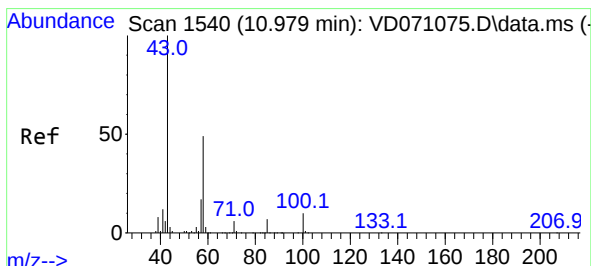
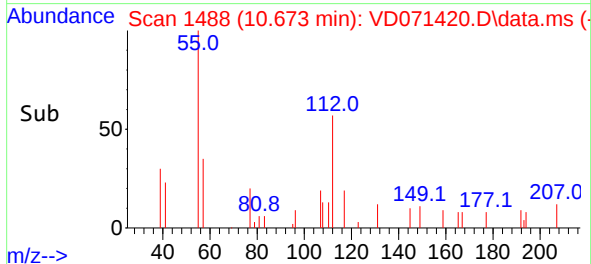
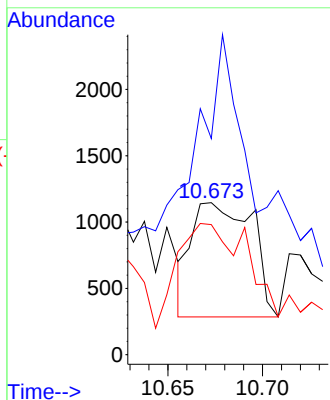
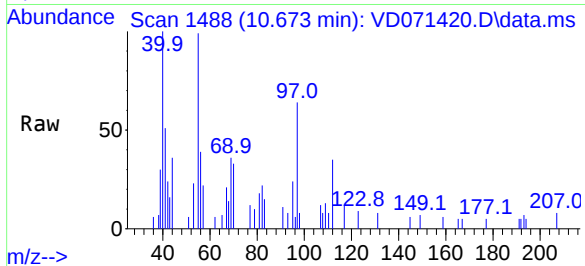




#56
Ethyl methacrylate
Concen: 6.251 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.017 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

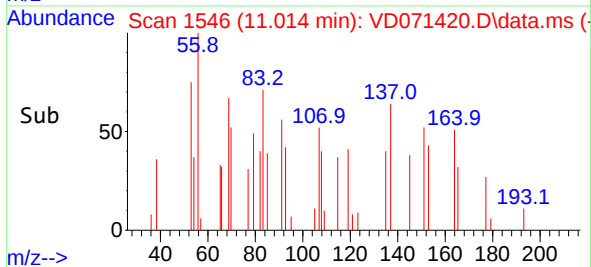
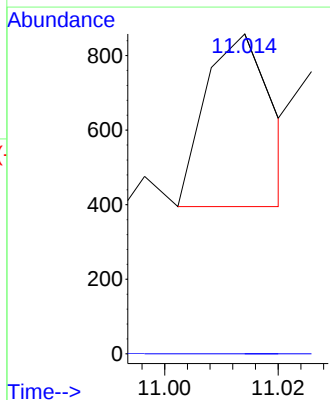
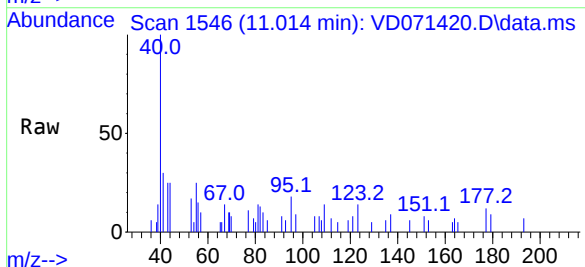
Instrument :
MSVOA_D
ClientSampleId :

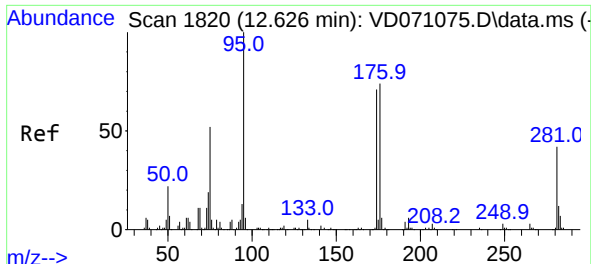
Tgt Ion: 69 Resp: 1905
Ion Ratio Lower Upper
69 100
41 232.9 50.2 75.2#
39 114.2 19.8 29.8#



#59
2-Hexanone
Concen: 34.678 ug/l
RT: 11.014 min Scan# 1546
Delta R.T. 0.035 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

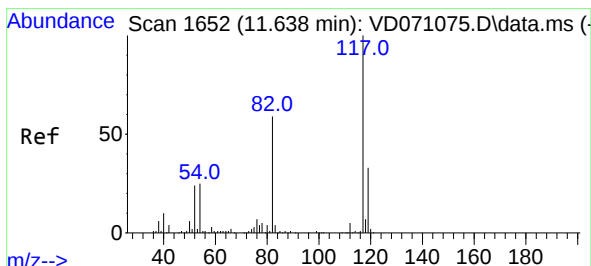
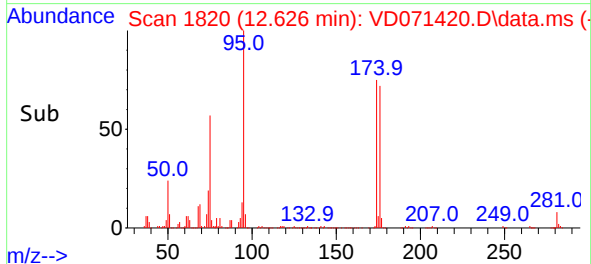
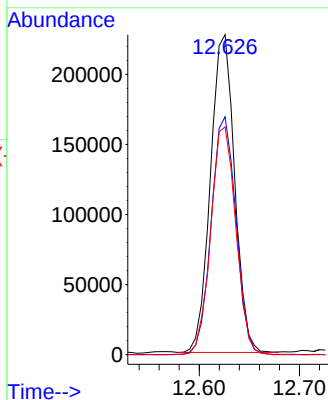
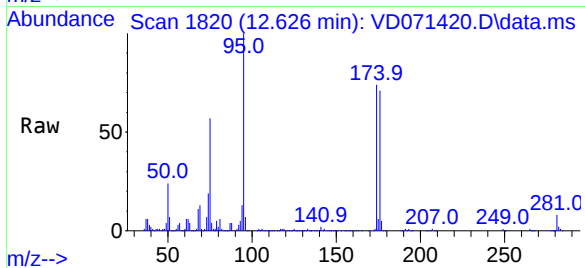




#62
4-Bromofluorobenzene
Concen: 49.367 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

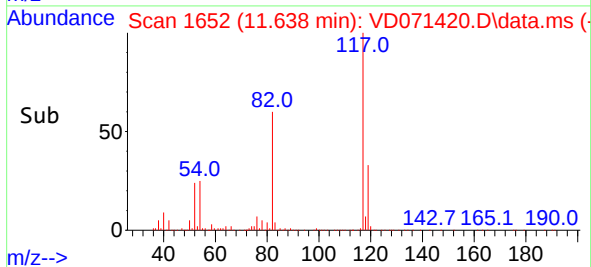
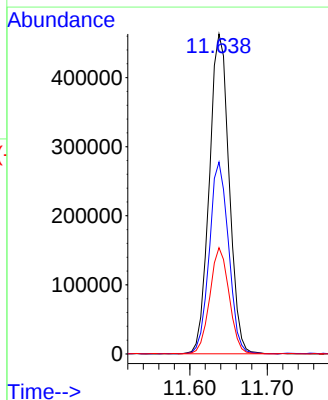
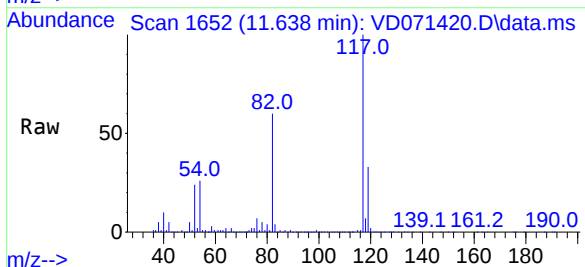
Instrument :
MSVOA_D
ClientSampleId :

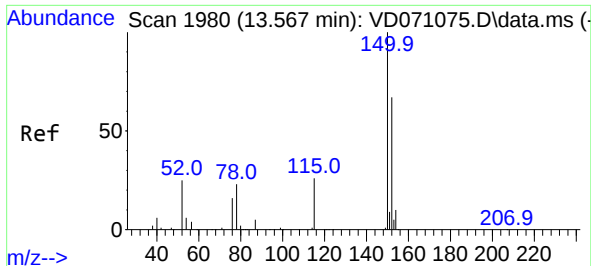
Tgt Ion: 95 Resp: 379521
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 74.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

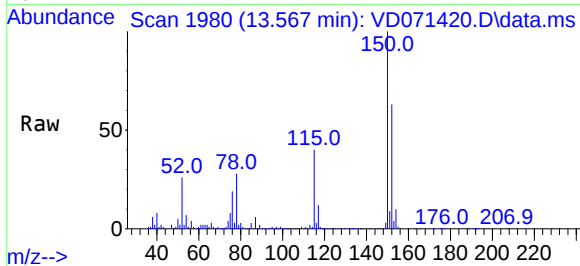
Tgt Ion: 117 Resp: 821181
Ion Ratio Lower Upper
117 100
82 59.9 44.7 67.1
119 33.1 26.2 39.4



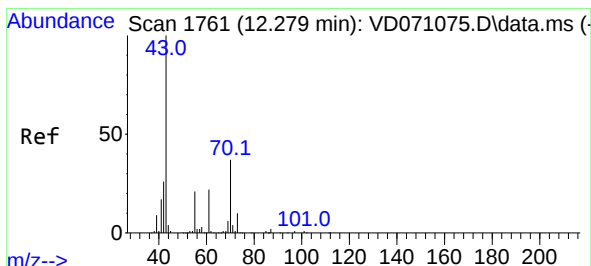
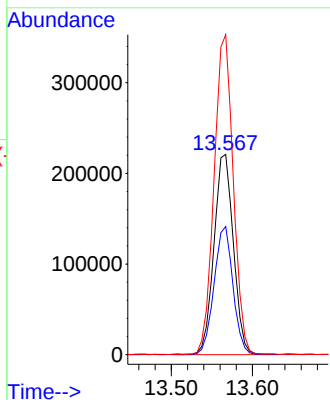
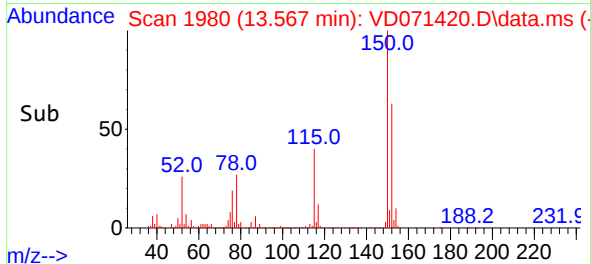


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

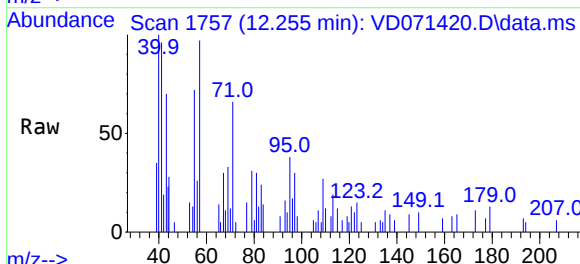
Instrument :
MSVOA_D
ClientSampleId :



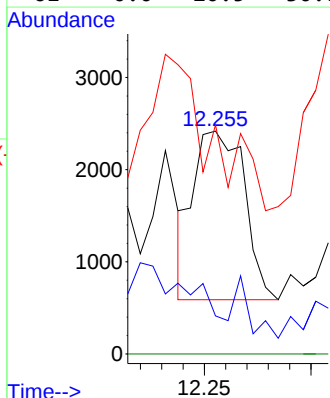
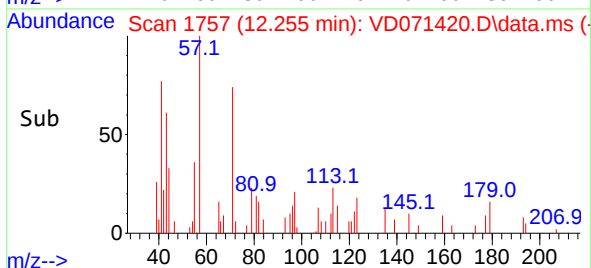
Tgt Ion:152 Resp: 368599
Ion Ratio Lower Upper
152 100
115 61.7 29.8 89.3
150 157.7 0.0 349.2

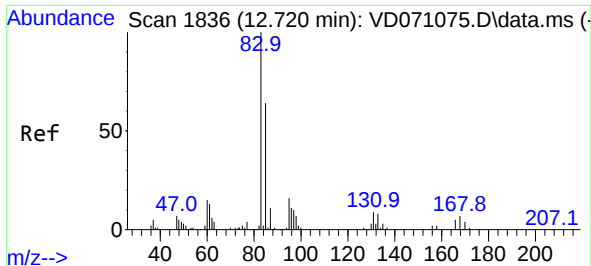


#74
N-ethyl acetate
Concen: 6.068 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40



Tgt Ion: 43 Resp: 3024
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#

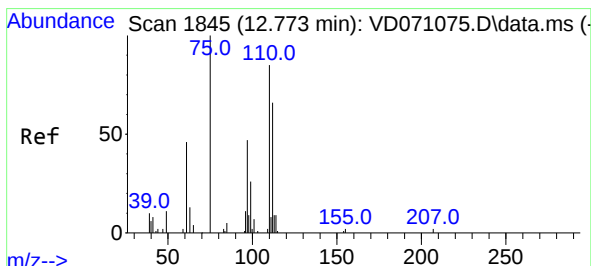
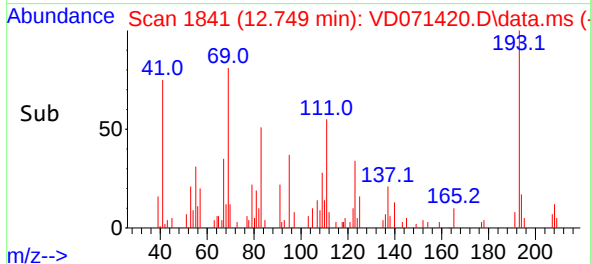
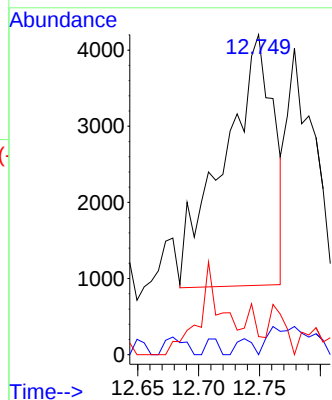
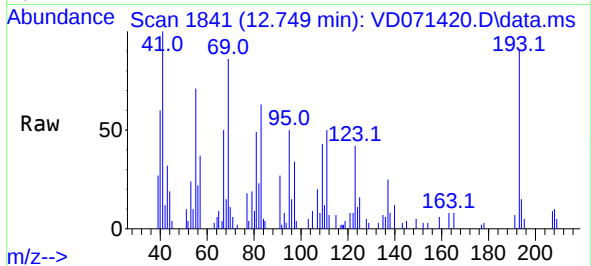




#75
1,1,2,2-Tetrachloroethane
Concen: 2.128 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.029 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

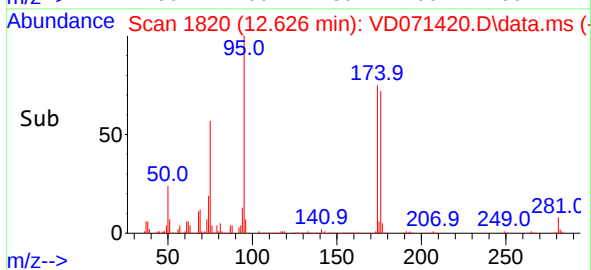
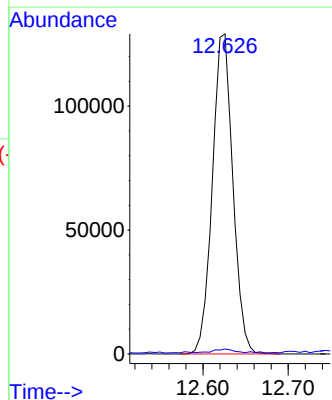
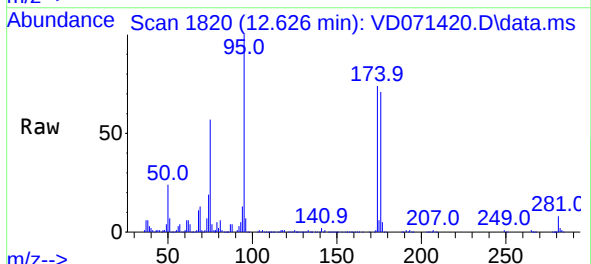
Instrument :
MSVOA_D
ClientSampleId :

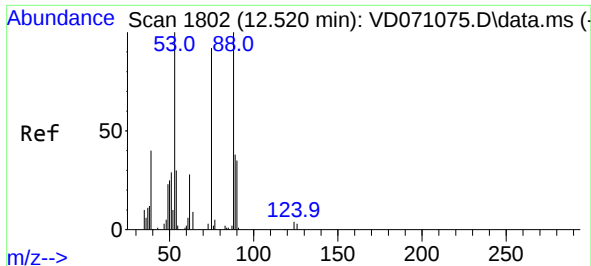
Tgt Ion: 83 Resp: 9352
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 5.8 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 61.423 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

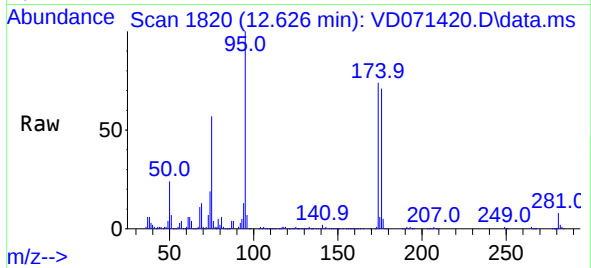
Tgt Ion: 75 Resp: 215708
Ion Ratio Lower Upper
75 100
77 1.0 158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.848 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 215708
Ion Ratio Lower Upper
75 100
53 0.4 62.6 94.0#
89 0.0 34.5 51.7#

