

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070481.D
 Acq On : 27 Sep 2021 16:51
 Operator : VA/SY
 Sample : M3908-07
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-06-(6-8)

Quant Time: Sep 28 04:15:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

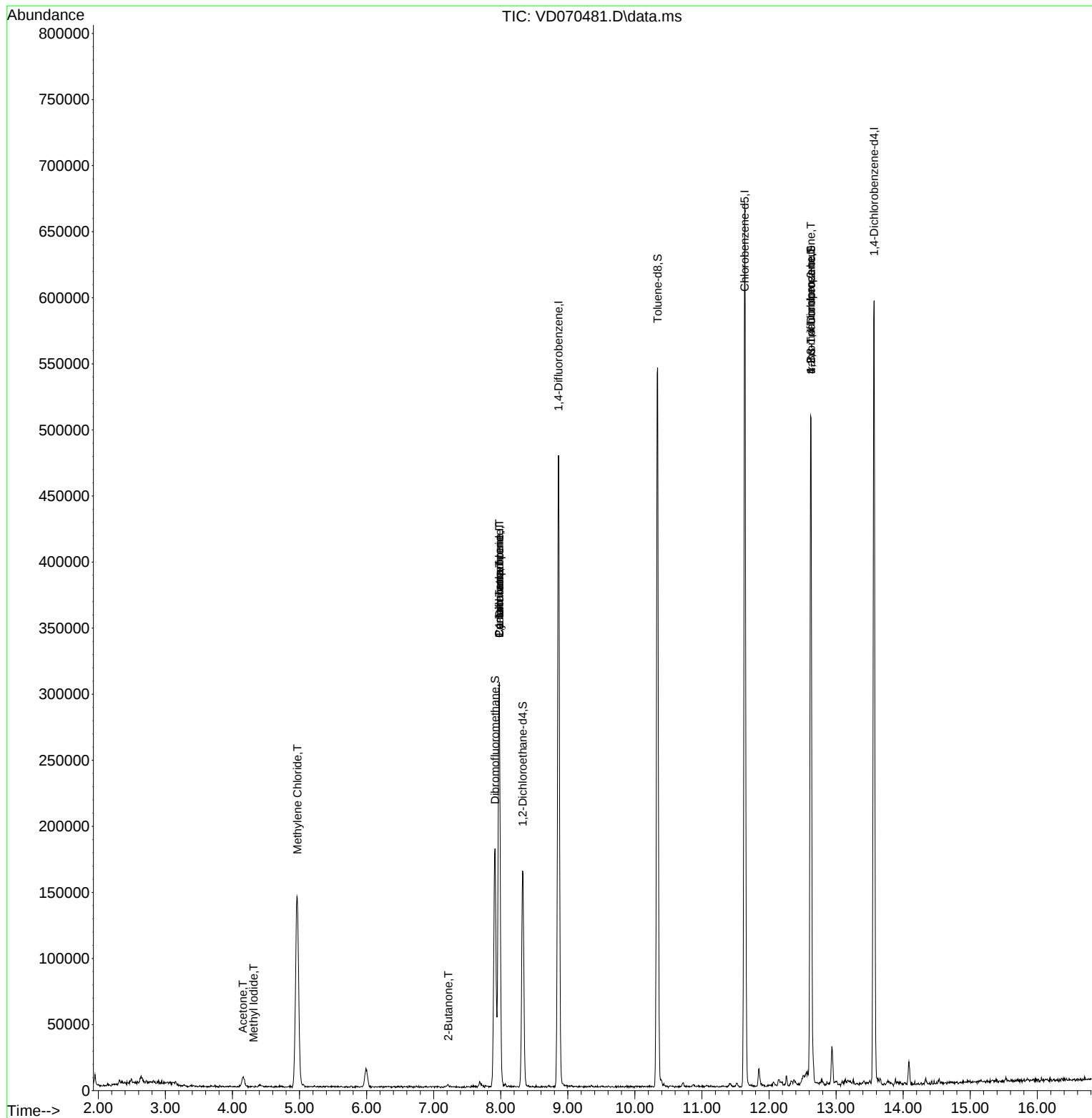
Internal Standards						
1) Pentafluorobenzene	7.979	168	220704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	410906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	399912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	163937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	132593	46.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.580%
35) Dibromofluoromethane	7.914	113	136741	46.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.500%
50) Toluene-d8	10.338	98	396394	37.327	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.660%
62) 4-Bromofluorobenzene	12.626	95	138090	37.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	141	Below Cal	#	43
3) Chloromethane	2.203	50	420	Below Cal	#	42
5) Bromomethane	2.768	94	199	Below Cal	#	69
6) Chloroethane	2.909	64	64	Below Cal	#	43
10) Methyl Iodide	4.315	142	53	1.048	ug/l #	39
16) Acetone	4.156	43	13021	25.736	ug/l	89
18) Methyl Acetate	4.867	43	54	Below Cal	#	48
20) Methylene Chloride	4.967	84	124278	37.622	ug/l	94
25) 2-Butanone	7.220	43	1708	2.536	ug/l	96
31) Cyclohexane	7.979	56	5125	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	18989	4.323	ug/l #	49
38) Carbon Tetrachloride	7.979	117	22316	5.137	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	64437	38.859	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	64437	97.364	ug/l #	18

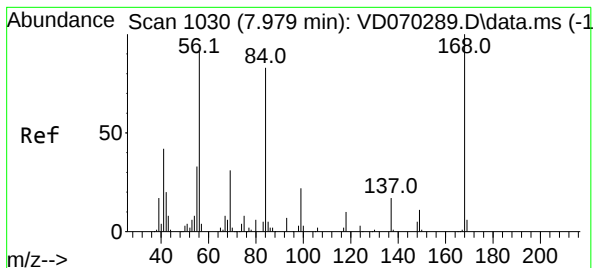
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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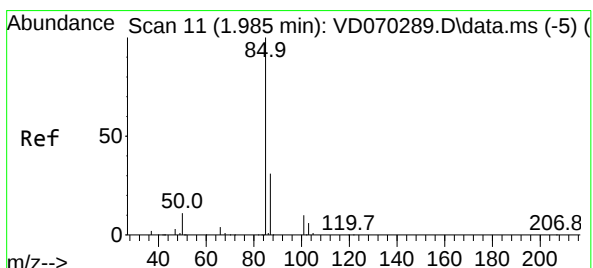
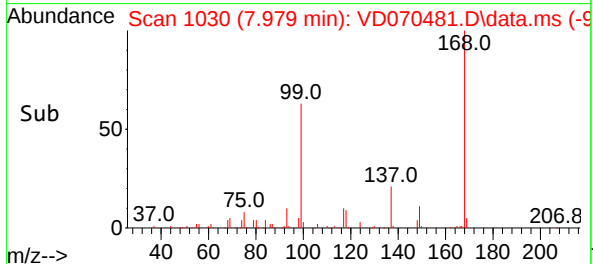
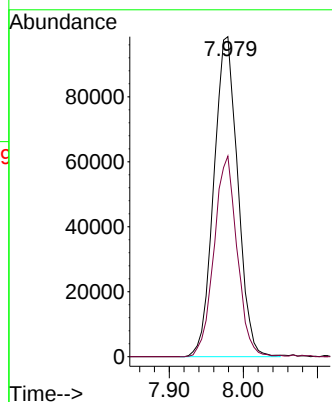
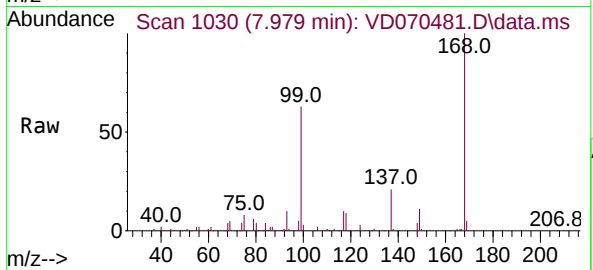




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

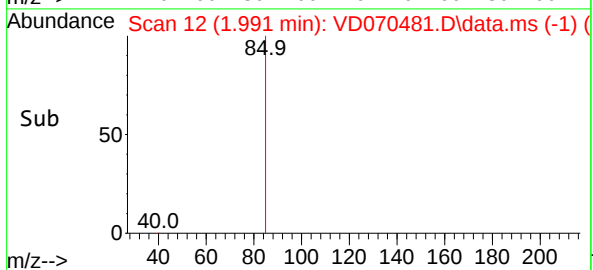
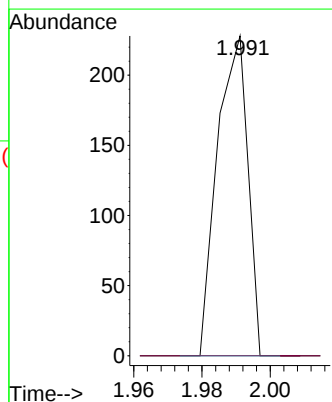
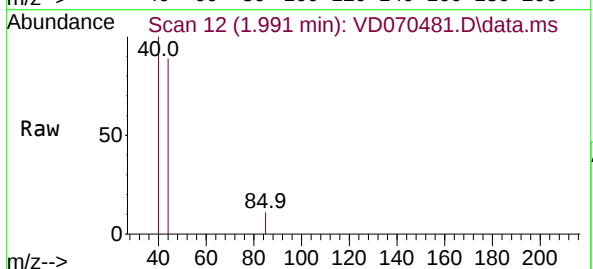
Instrument :
MSVOA_D
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SUB-SLAB-06-(6-8)

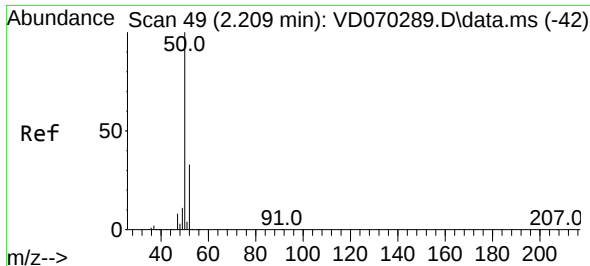
Tgt Ion:168 Resp: 220704
Ion Ratio Lower Upper
168 100
99 62.7 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion: 85 Resp: 141
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

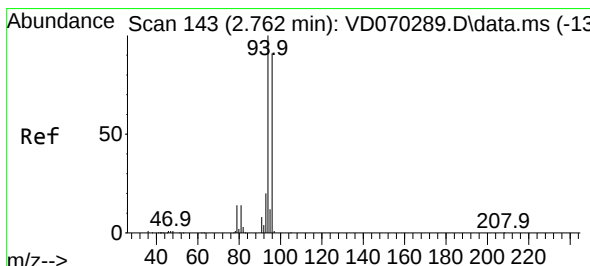
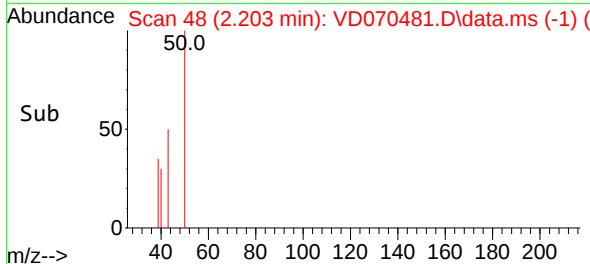
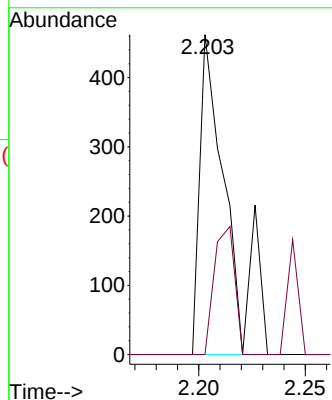
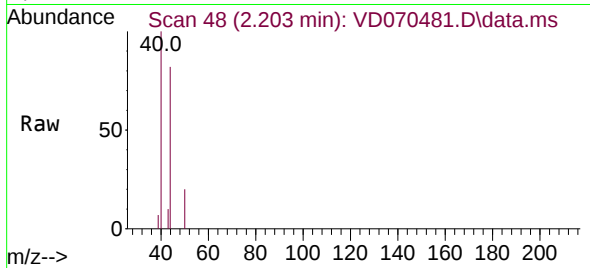




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

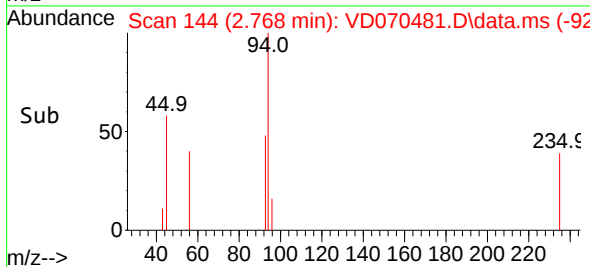
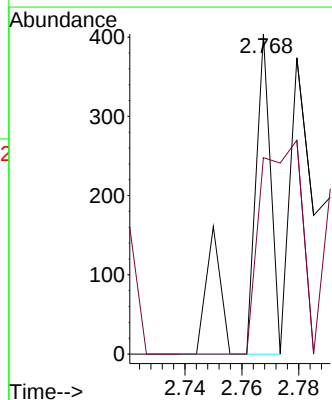
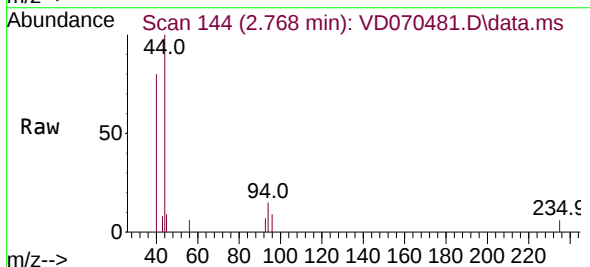
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-8)

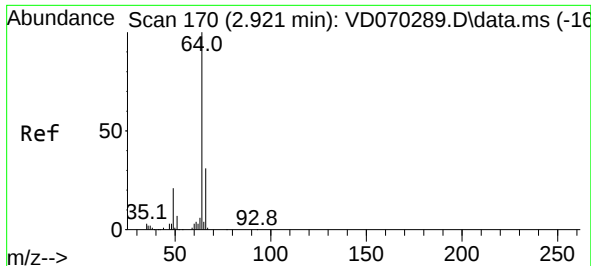
Tgt Ion: 50 Resp: 420
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 61.4 73.0 109.6#

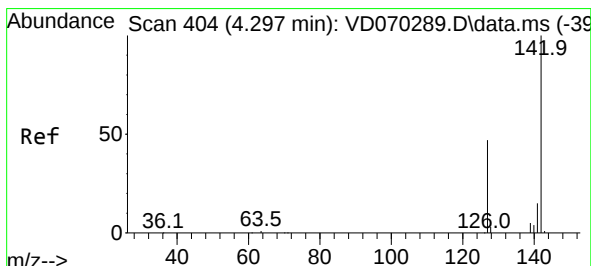
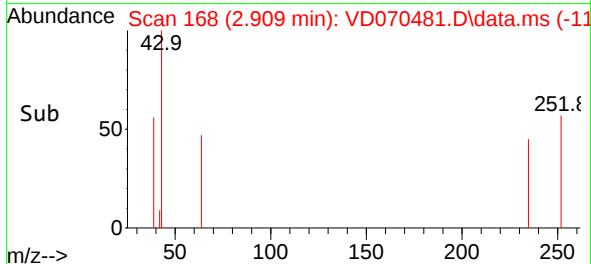
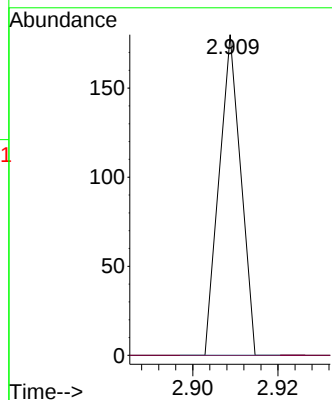
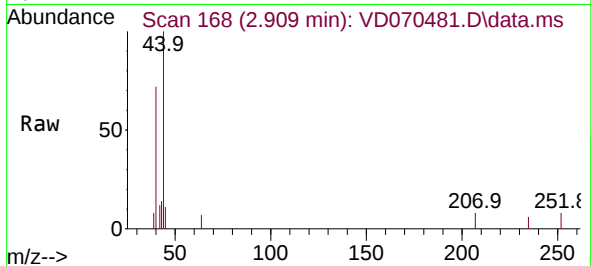




#6
Chloroethane
Concen: Below Cal
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

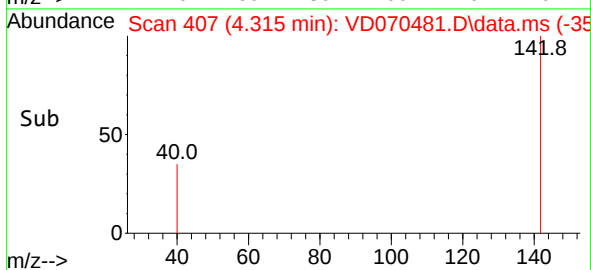
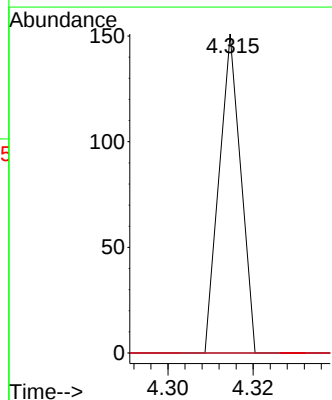
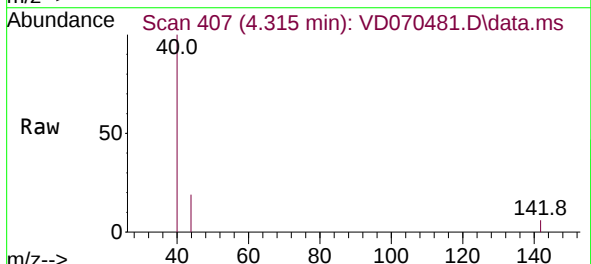
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-8)

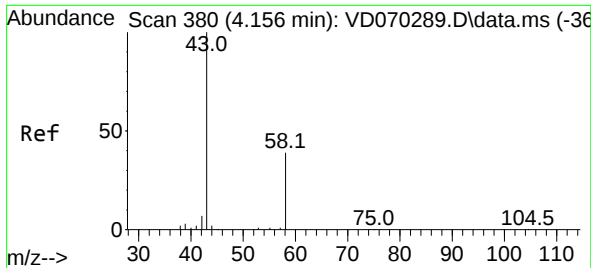
Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.048 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion: 142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

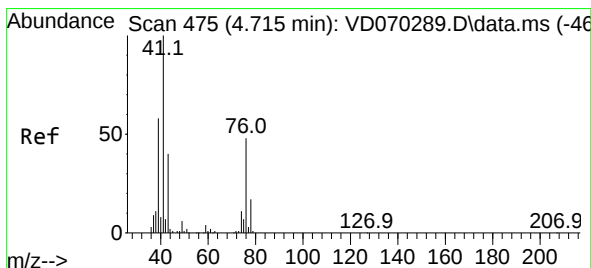
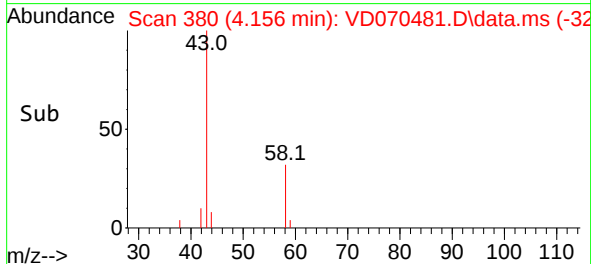
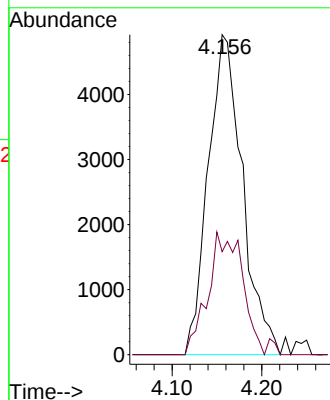
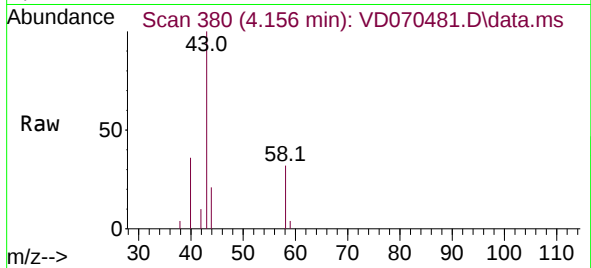




#16
Acetone
Concen: 25.736 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

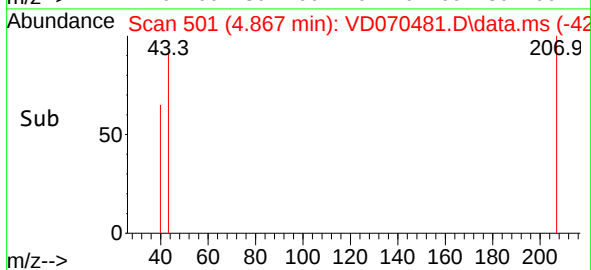
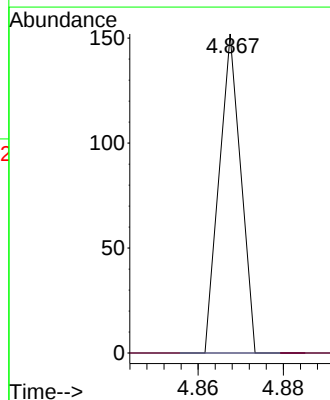
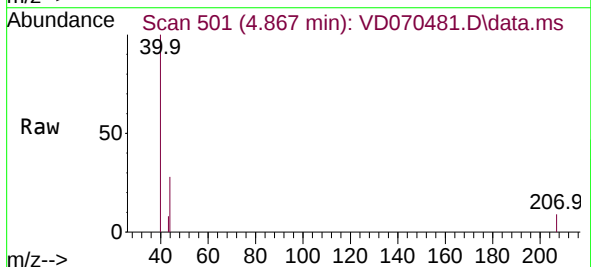
Instrument :
MSVOA_D
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SUB-SLAB-06-(6-8)

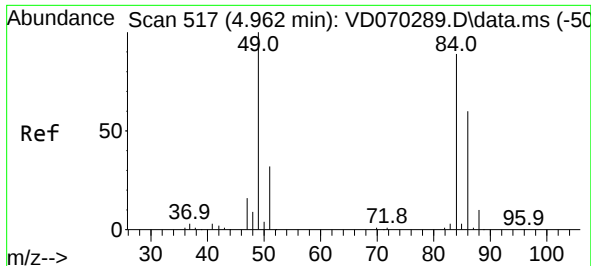
Tgt Ion: 43 Resp: 13021
Ion Ratio Lower Upper
43 100
58 32.2 30.9 46.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 501
Delta R.T. 0.152 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

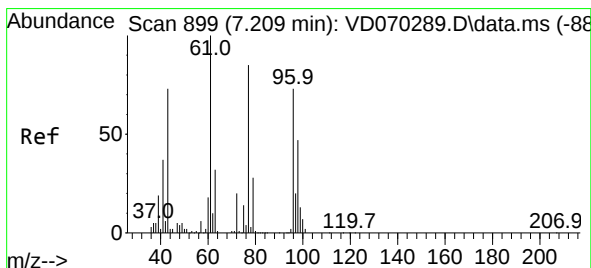
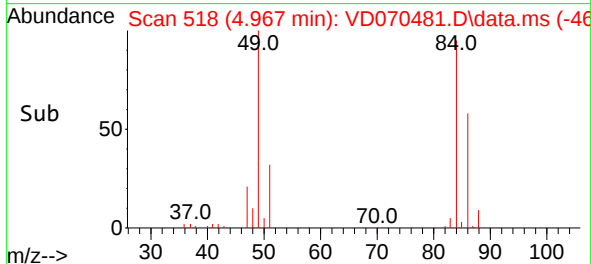
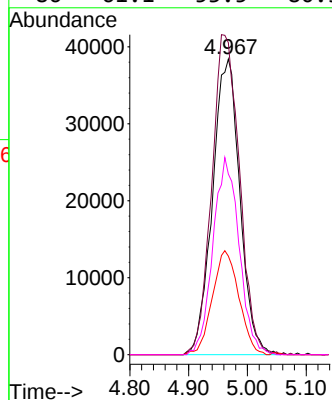
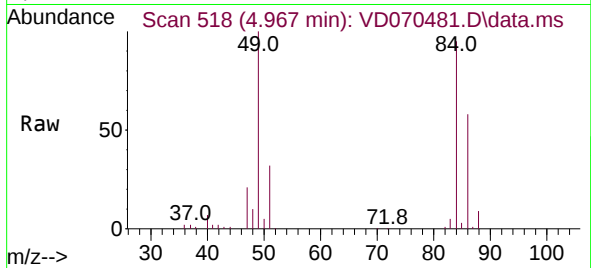




#20
Methylene Chloride
Concen: 37.622 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

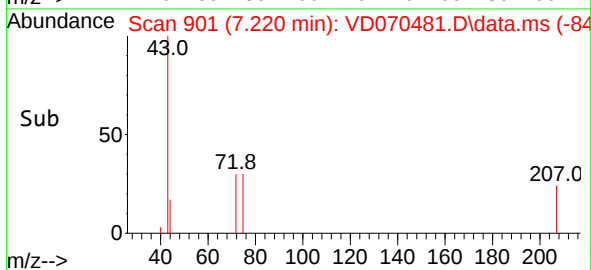
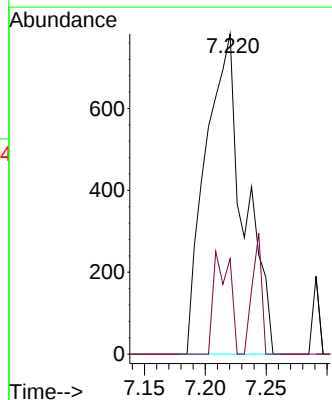
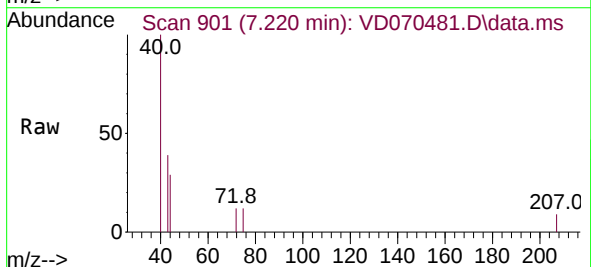
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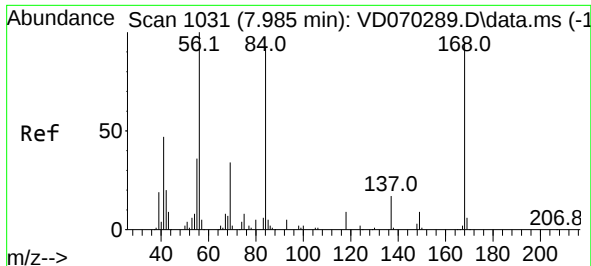
Tgt Ion:	84	Resp:	124278
Ion	Ratio	Lower	Upper
84	100		
49	105.5	89.6	134.4
51	33.3	28.6	43.0
86	61.1	53.5	80.3



#25
2-Butanone
Concen: 2.536 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion:	43	Resp:	1708
Ion	Ratio	Lower	Upper
43	100		
72	29.8	22.2	33.4

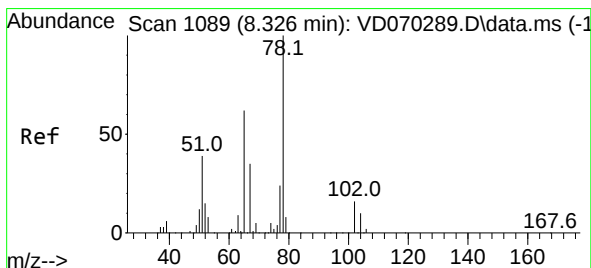
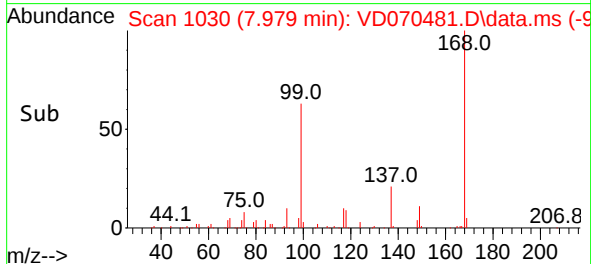
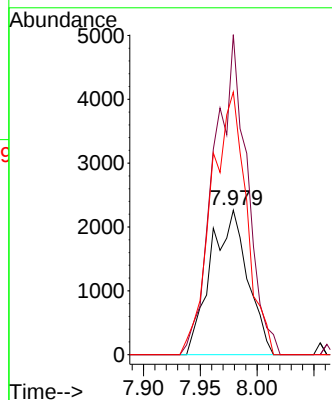
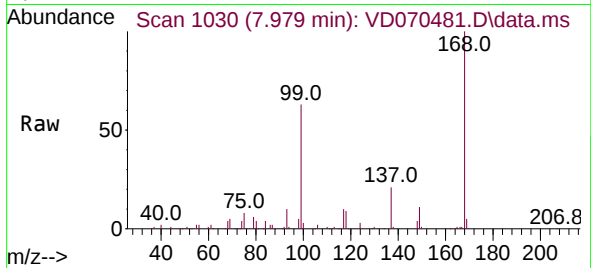




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

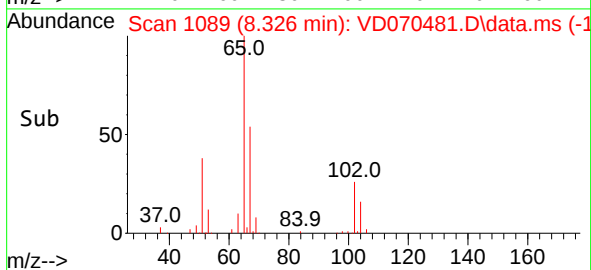
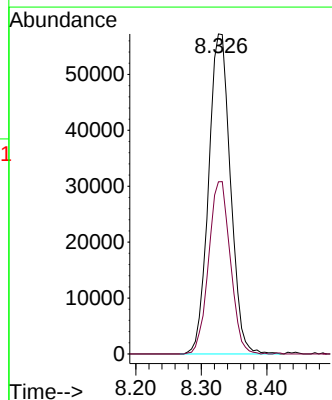
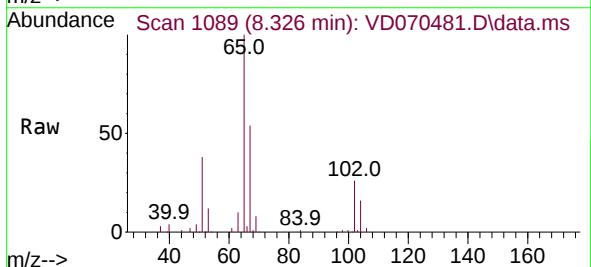
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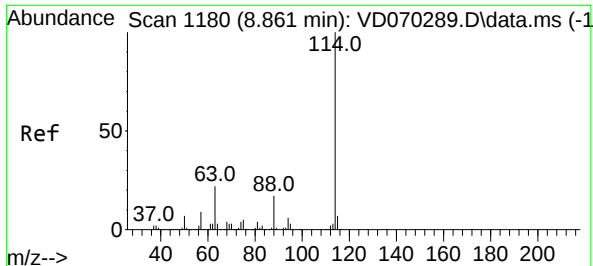
Tgt Ion: 56 Resp: 5125
Ion Ratio Lower Upper
56 100
69 221.4 26.9 40.3#
84 181.7 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 46.788 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion: 65 Resp: 132593
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

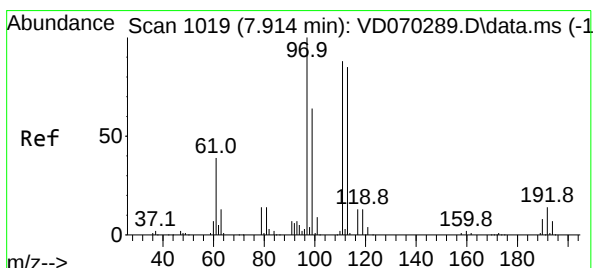
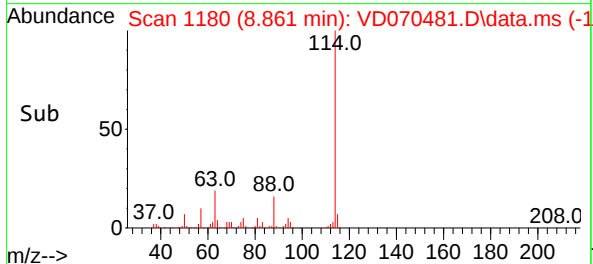
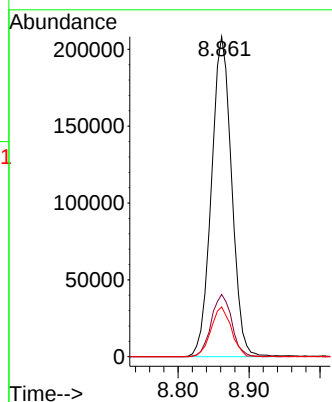
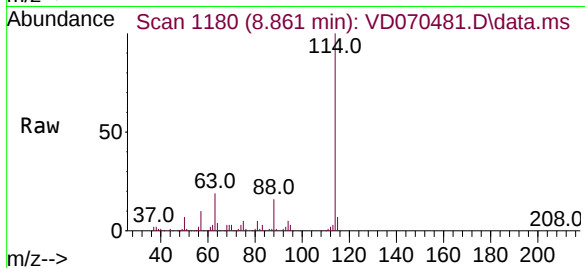
Delta R.T. -0.000 min

Lab File: VD070481.D

Acq: 27 Sep 2021 16:51

Tgt Ion:	114	Resp:	410906
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	43.4
88	15.5	0.0	33.4

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-8)



#35

Dibromofluoromethane

Concen: 46.751 ug/l

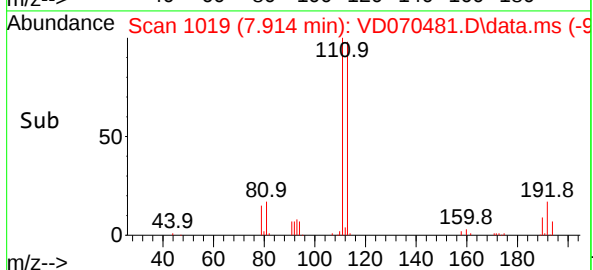
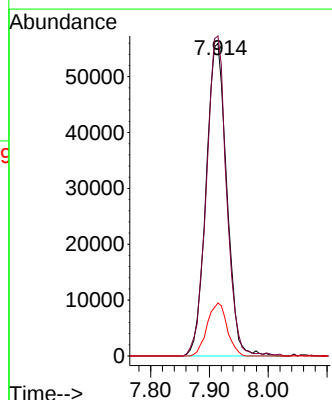
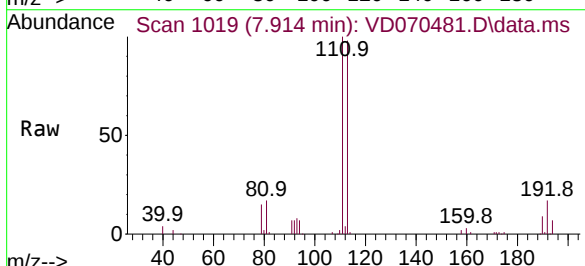
RT: 7.914 min Scan# 1019

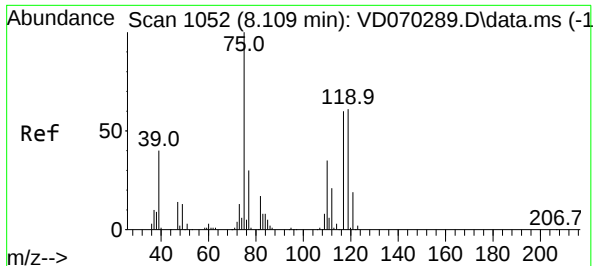
Delta R.T. -0.000 min

Lab File: VD070481.D

Acq: 27 Sep 2021 16:51

Tgt Ion:	113	Resp:	136741
Ion Ratio	Lower	Upper	
113	100		
111	99.6	81.4	122.2
192	16.3	13.0	19.6



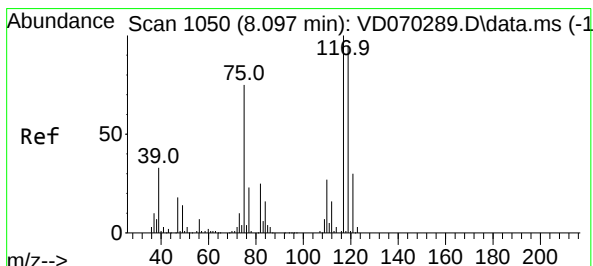
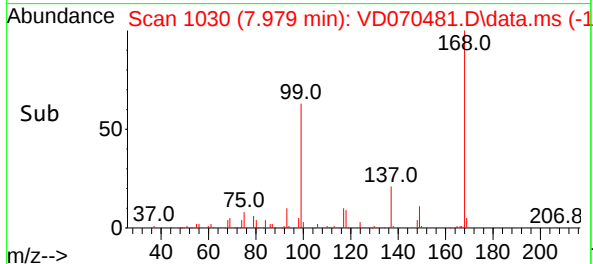
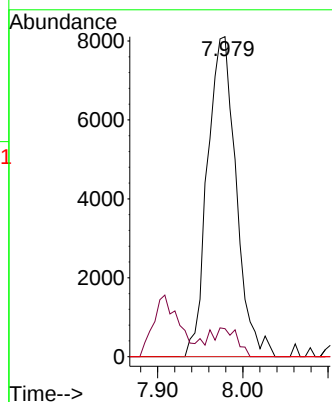
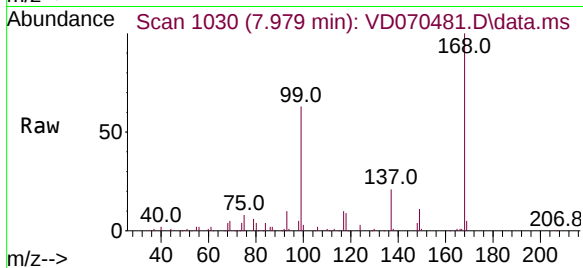


#36

1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

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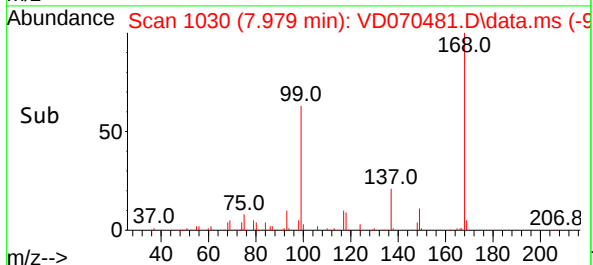
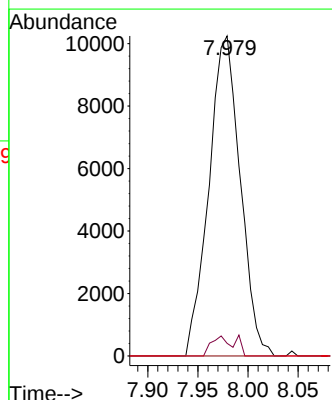
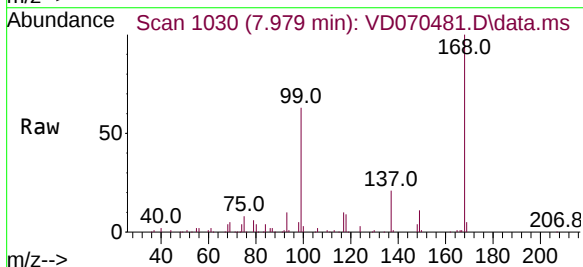
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.9	53.7#
77	0.0	25.3	37.9#

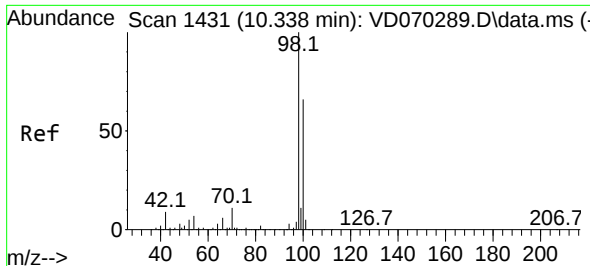


#38

Carbon Tetrachloride
Concen: 5.137 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.0	23.8	35.6#

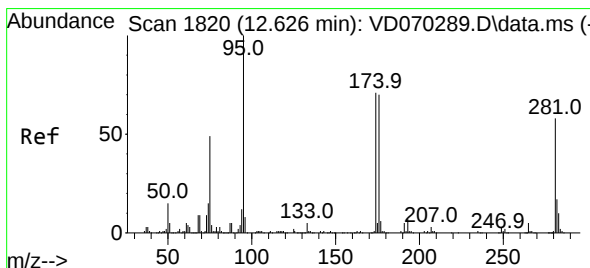
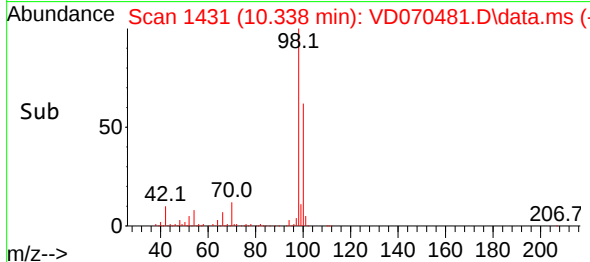
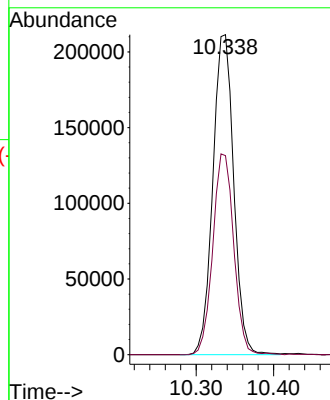
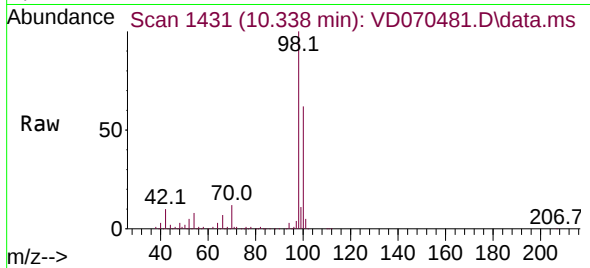




#50
Toluene-d8
Concen: 37.327 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

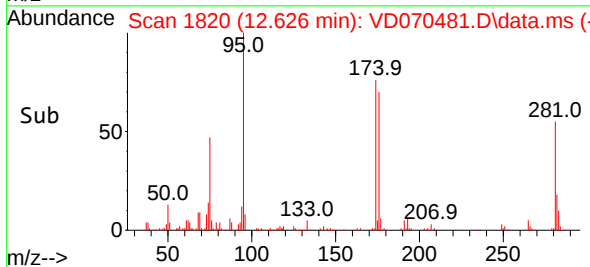
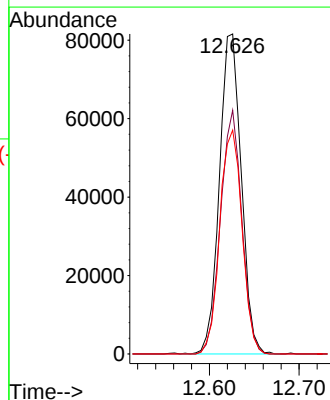
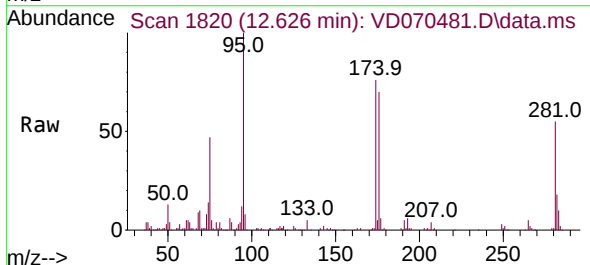
Instrument :
MSVOA_D
ClientSampleId :
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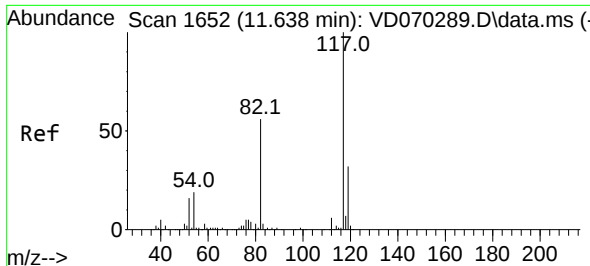
Tgt Ion: 98 Resp: 396394
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.207 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion: 95 Resp: 138090
Ion Ratio Lower Upper
95 100
174 73.9 0.0 140.6
176 71.3 0.0 137.4

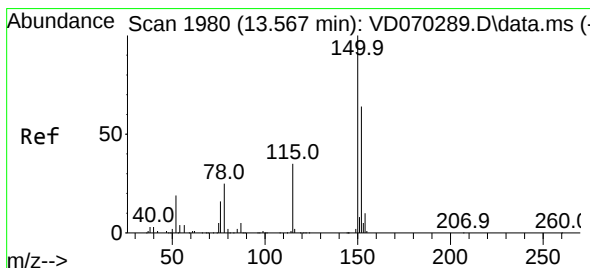
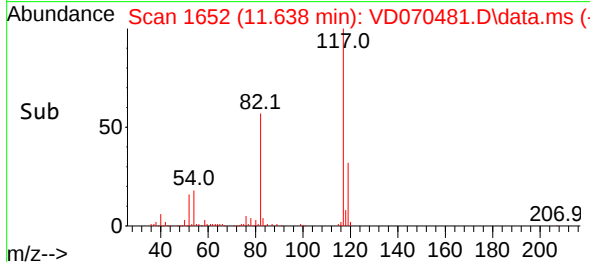
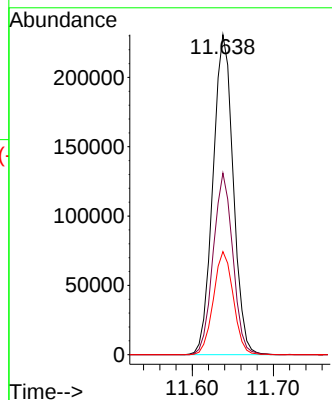
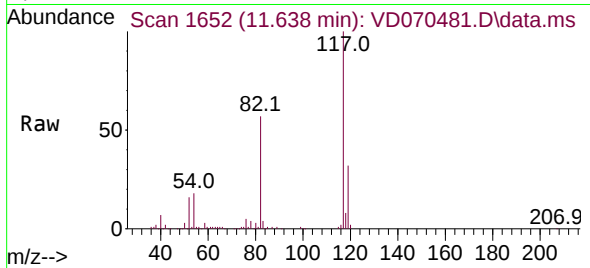




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

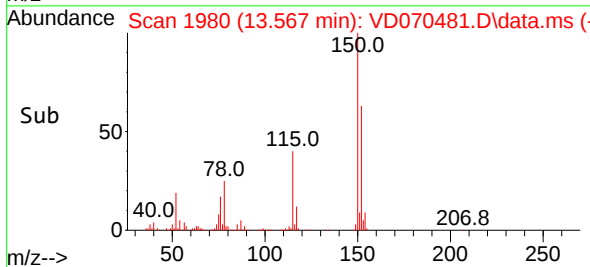
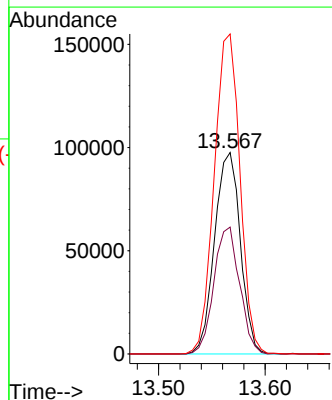
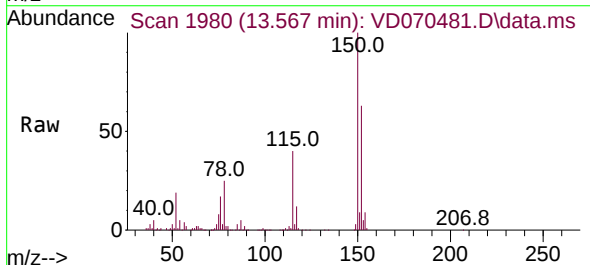
Instrument :
MSVOA_D
ClientSampleId :
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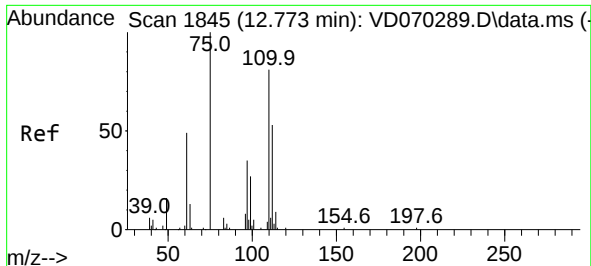
Tgt Ion:	117	Resp:	399912
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.0	67.4
119	32.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion:	152	Resp:	163937
Ion Ratio	Lower	Upper	
152	100		
115	62.7	32.1	96.3
150	158.7	0.0	350.6

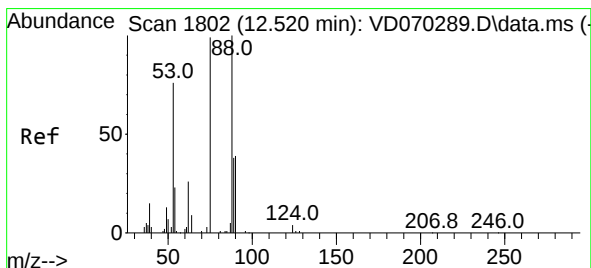
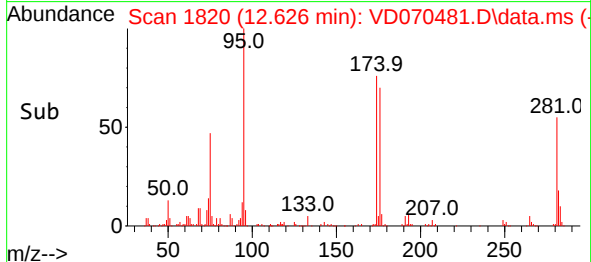
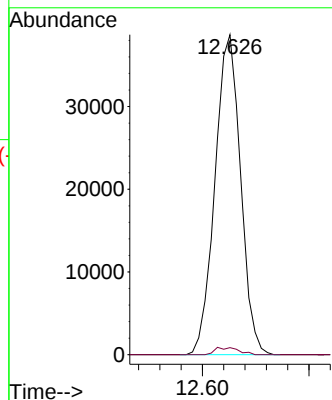
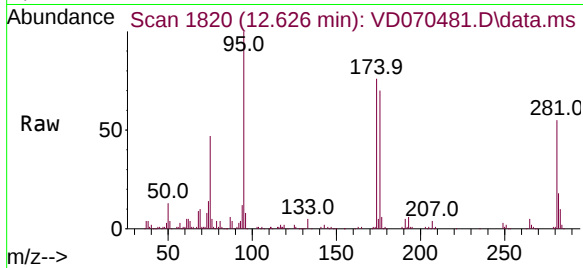




#76
1,2,3-Trichloropropane
Concen: 38.859 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-8)

Tgt Ion: 75 Resp: 64437
Ion Ratio Lower Upper
75 100
77 2.1 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.364 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070481.D
Acq: 27 Sep 2021 16:51

Tgt Ion: 75 Resp: 64437
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.5 35.6 53.4#

