

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070478.D
 Acq On : 27 Sep 2021 15:27
 Operator : VA/SY
 Sample : M3908-06RE
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-06-(6-2.6)RE

Quant Time: Sep 28 04:14:09 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)

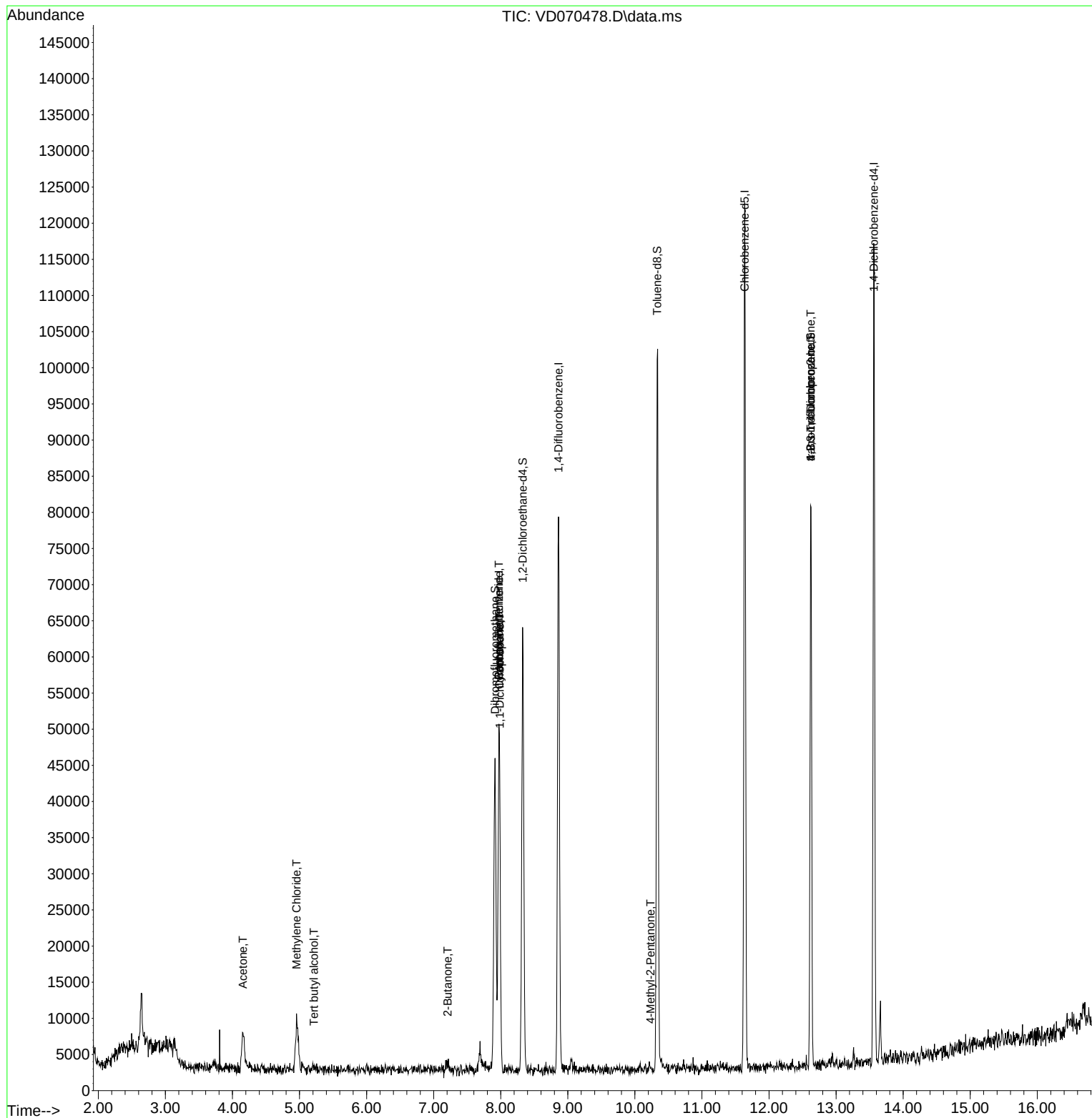
Internal Standards						
1) Pentafluorobenzene	7.973	168	34349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	67614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	75086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	30661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	45175	102.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.860%#	
35) Dibromofluoromethane	7.914	113	30975	64.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.720%	
50) Toluene-d8	10.332	98	70956	40.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.220%	
62) 4-Bromofluorobenzene	12.620	95	26154	42.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.660%	
Target Compounds						
						Qvalue
3) Chloromethane	2.203	50	334	Below Cal	#	42
5) Bromomethane	2.779	94	432	Below Cal	#	56
11) Tert butyl alcohol	5.215	59	101	2.025	ug/l #	100
16) Acetone	4.156	43	10576	134.311	ug/l	89
20) Methylene Chloride	4.956	84	5644	4.958	ug/l #	86
25) 2-Butanone	7.208	43	432	4.121	ug/l #	47
31) Cyclohexane	7.979	56	820	1.079	ug/l #	26
36) 1,1-Dichloropropene	7.985	75	3060	4.234	ug/l #	45
38) Carbon Tetrachloride	7.973	117	3463	4.845	ug/l #	12
51) 4-Methyl-2-Pentanone	10.232	43	663	2.564	ug/l #	69
76) 1,2,3-Trichloropropane	12.620	75	12625	40.707	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	12625	101.996	ug/l #	17

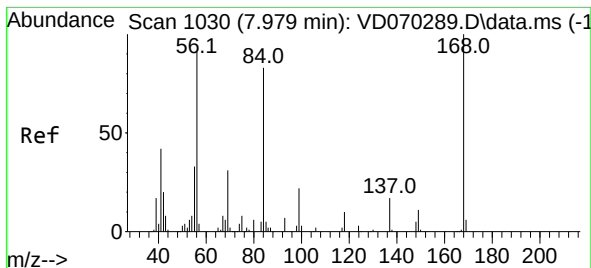
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070478.D

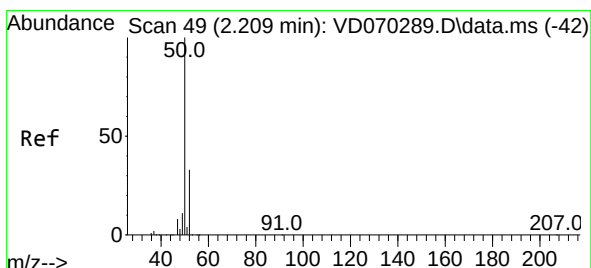
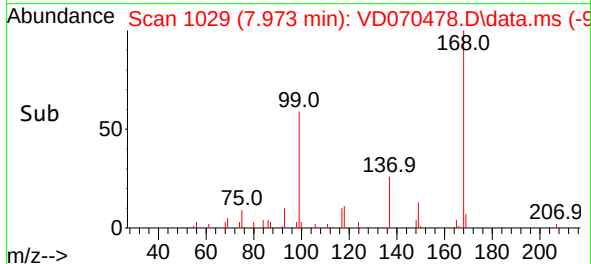
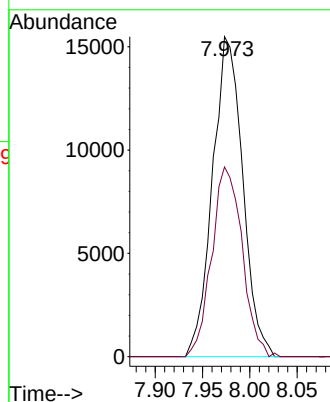
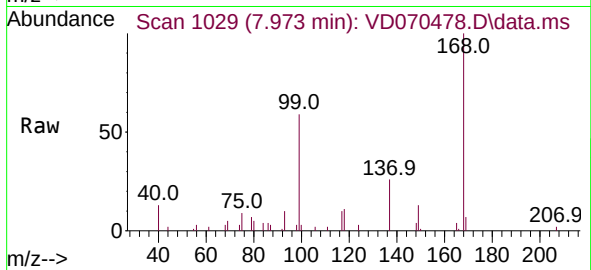
Acq: 27 Sep 2021 15:27

Tgt Ion:168 Resp: 34349

Ion Ratio Lower Upper

168 100

99 59.3 50.8 76.2



#3

Chloromethane

Concen: Below Cal

RT: 2.203 min Scan# 48

Delta R.T. -0.006 min

Lab File: VD070478.D

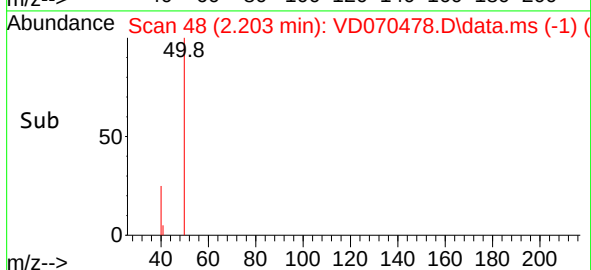
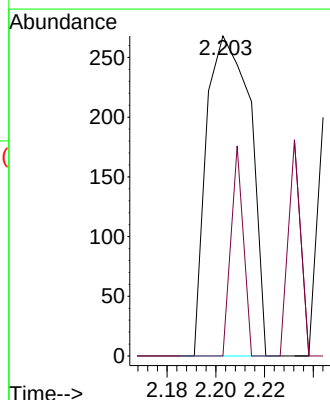
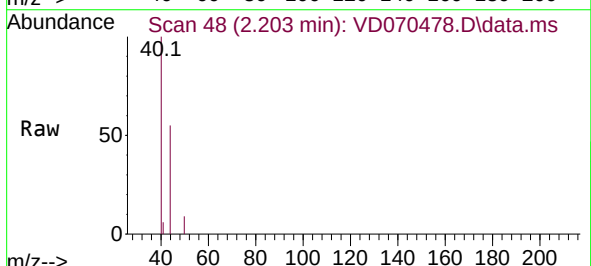
Acq: 27 Sep 2021 15:27

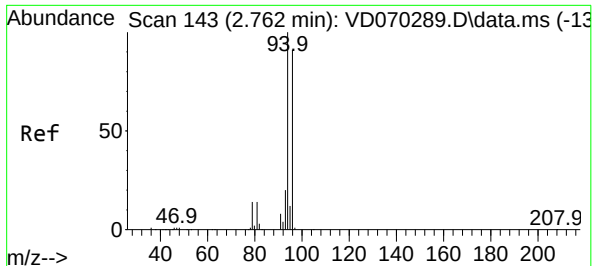
Tgt Ion: 50 Resp: 334

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.2#

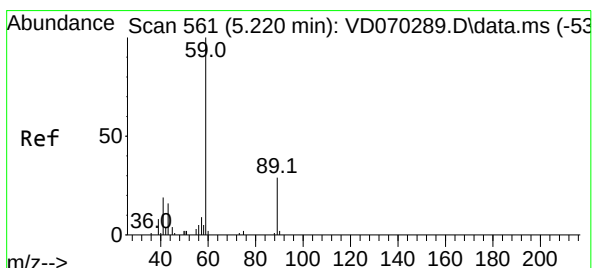
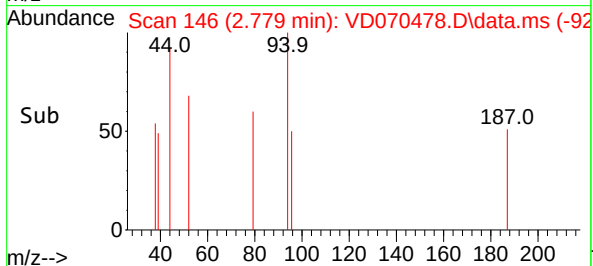
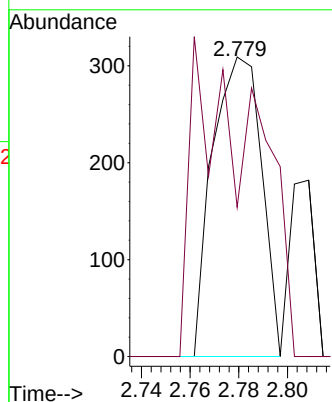
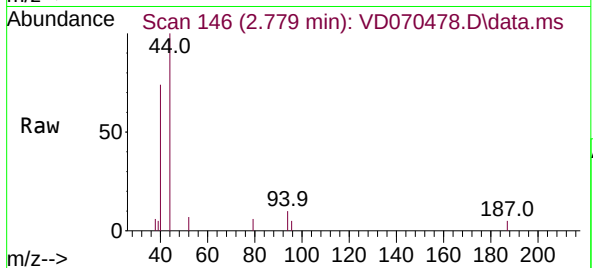




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

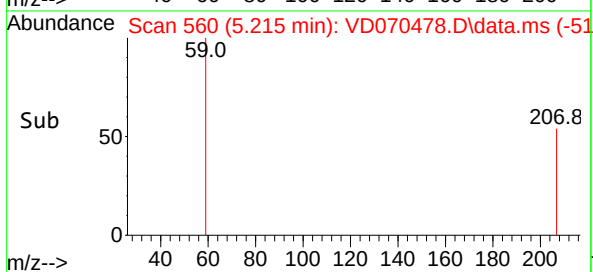
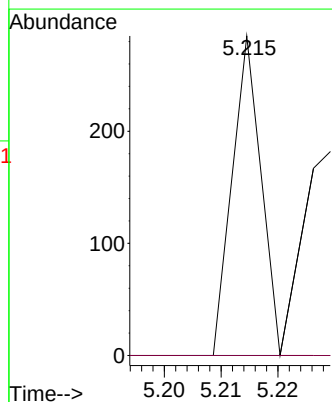
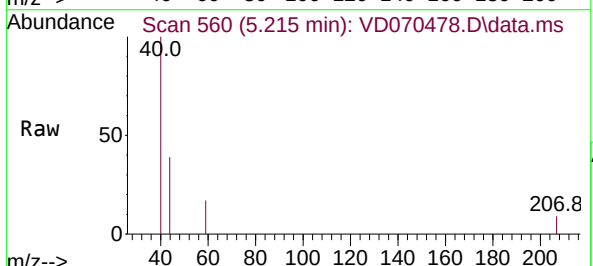
Instrument :
MSVOA_D
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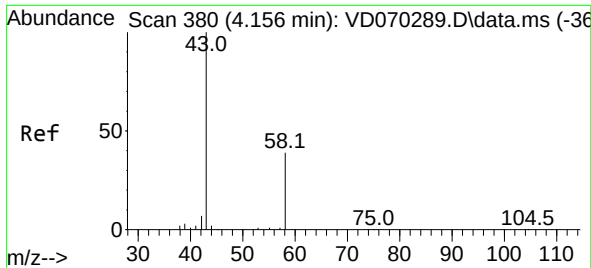
Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 49.8 73.0 109.6#



#11
Tert butyl alcohol
Concen: 2.025 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

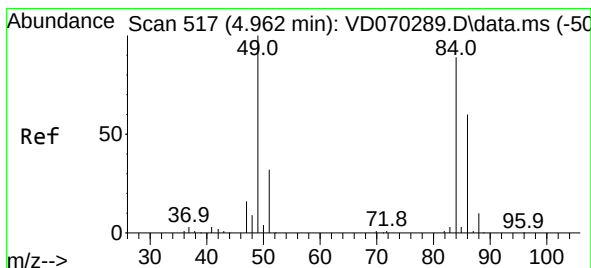
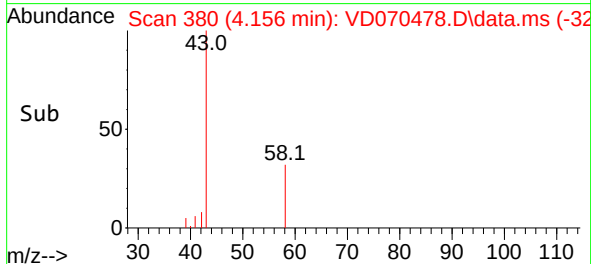
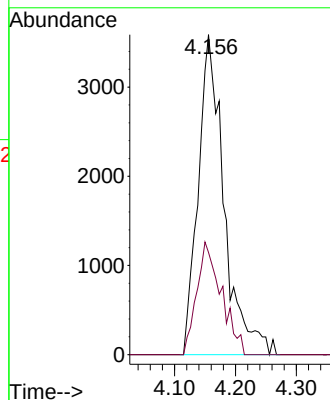
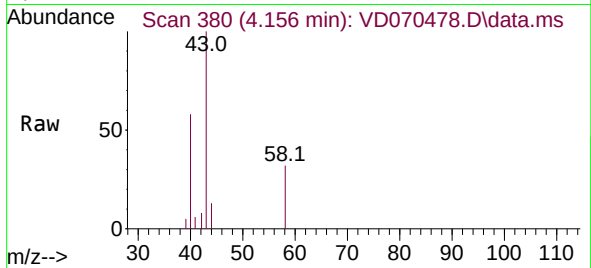




#16
Acetone
Concen: 134.311 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

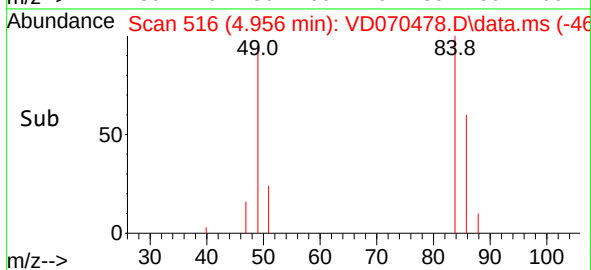
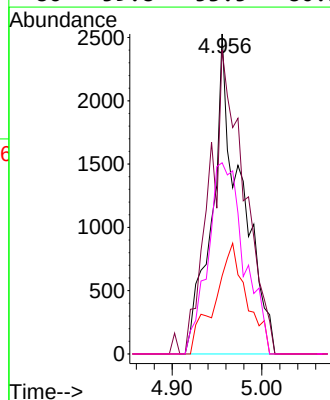
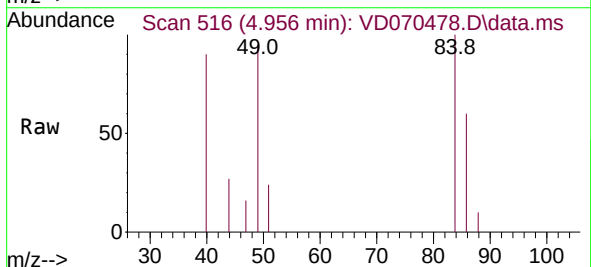
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-2.6)RE

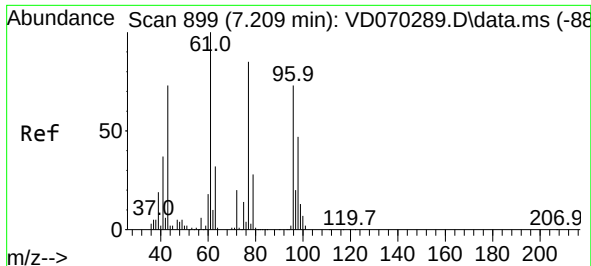
Tgt Ion: 43 Resp: 10576
Ion Ratio Lower Upper
43 100
58 31.9 30.9 46.3



#20
Methylene Chloride
Concen: 4.958 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

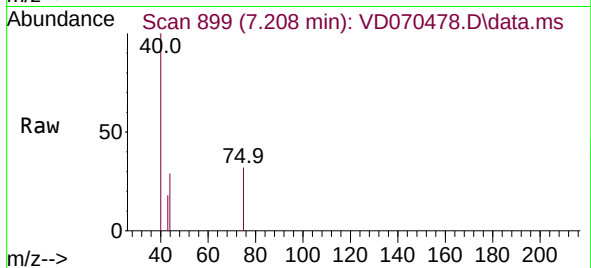
Tgt Ion: 84 Resp: 5644
Ion Ratio Lower Upper
84 100
49 95.0 89.6 134.4
51 24.4 28.6 43.0#
86 59.8 53.5 80.3



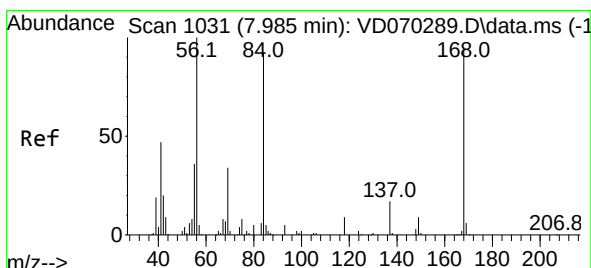
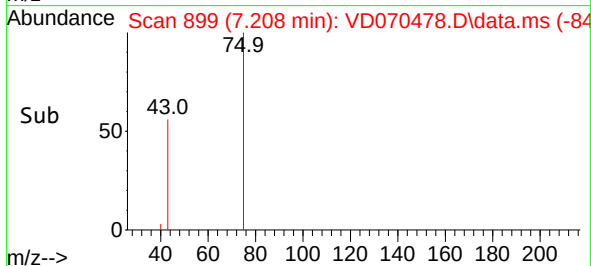
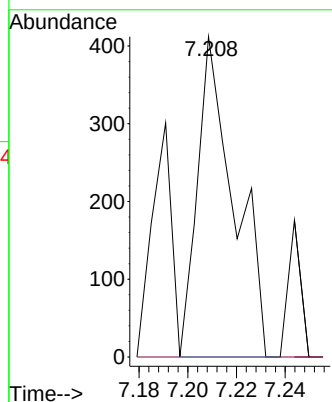


#25
2-Butanone
Concen: 4.121 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

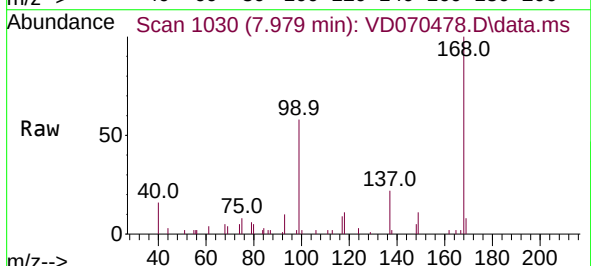
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-2.6)RE



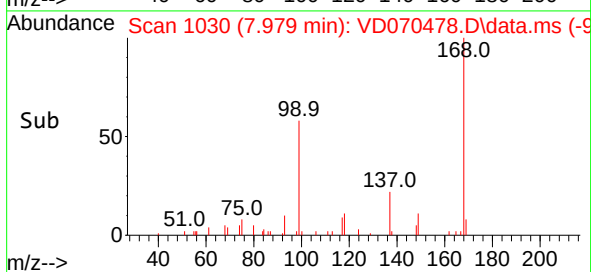
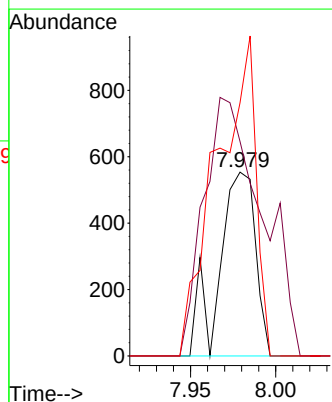
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#

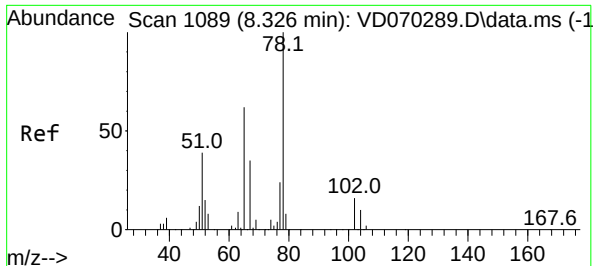


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27



Tgt Ion: 56 Resp: 820
Ion Ratio Lower Upper
56 100
69 116.6 26.9 40.3#
84 137.7 73.6 110.4#

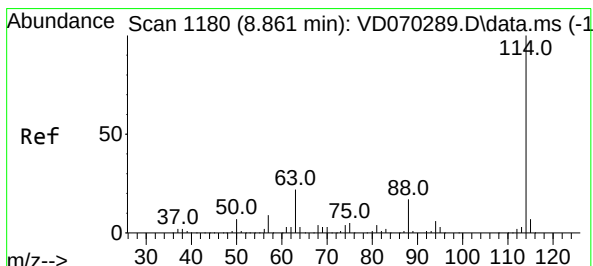
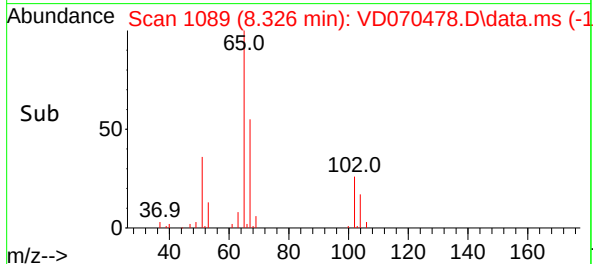
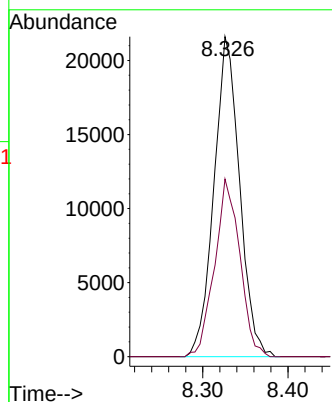
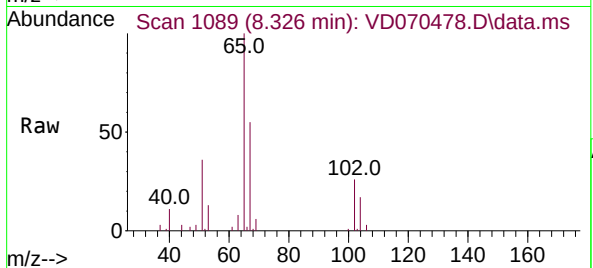




#33
1,2-Dichloroethane-d4
Concen: 102.426 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

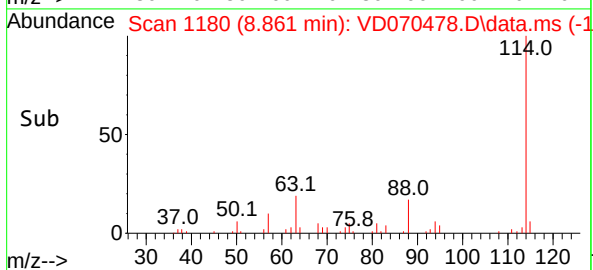
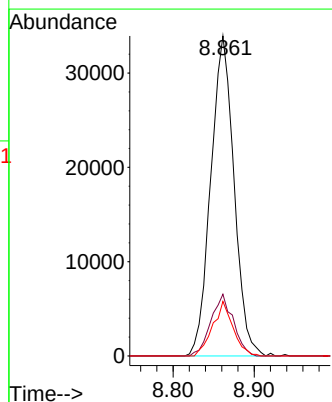
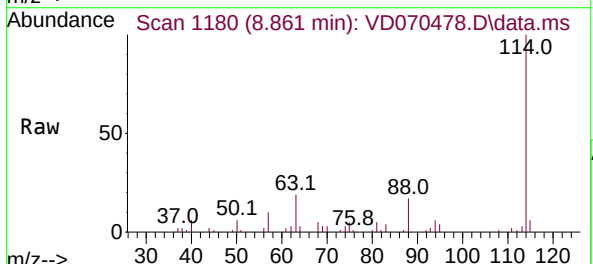
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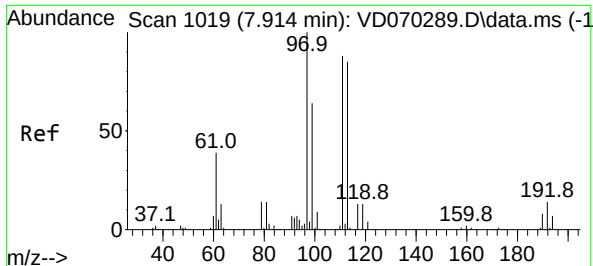
Tgt Ion: 65 Resp: 45175
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

Tgt Ion:114 Resp: 67614
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.4
88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 64.359 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070478.D

Acq: 27 Sep 2021 15:27

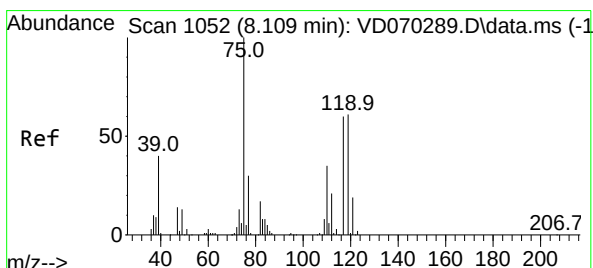
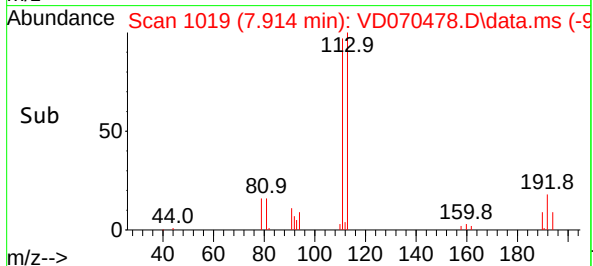
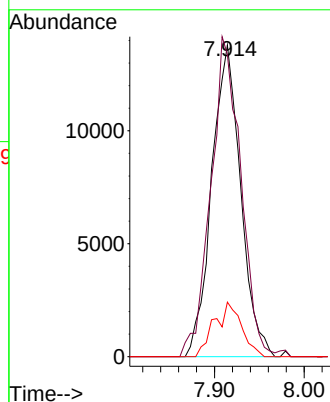
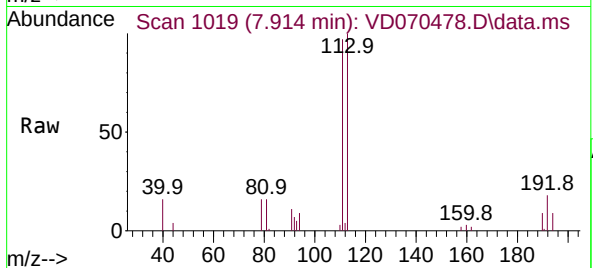
Tgt Ion:113 Resp: 30975

Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.2

192 16.4 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.234 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.124 min

Lab File: VD070478.D

Acq: 27 Sep 2021 15:27

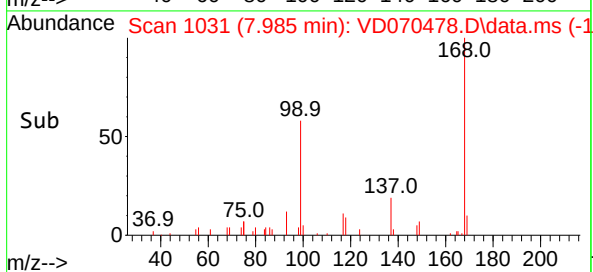
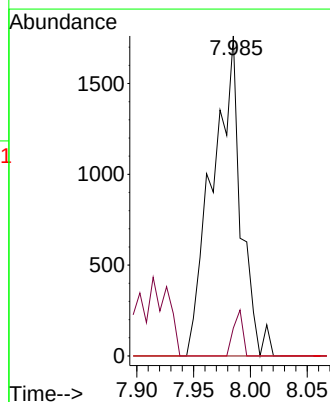
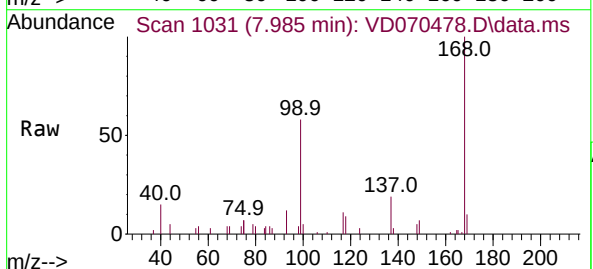
Tgt Ion: 75 Resp: 3060

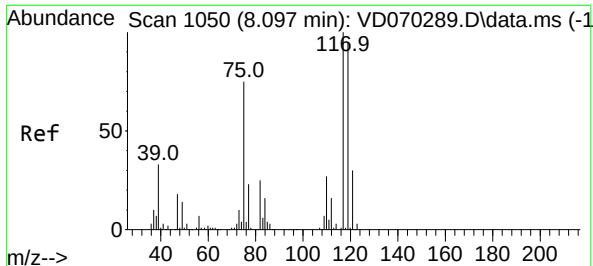
Ion Ratio Lower Upper

75 100

110 4.7 17.9 53.7#

77 0.0 25.3 37.9#

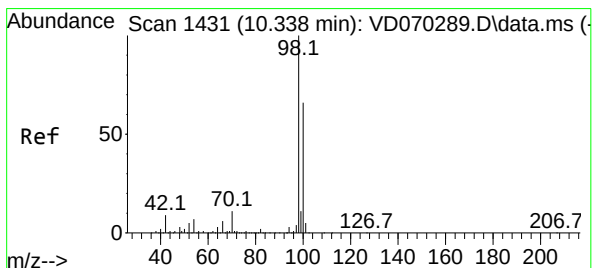
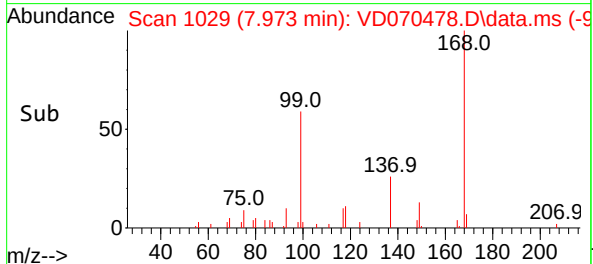
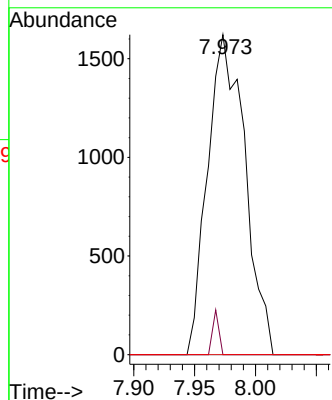
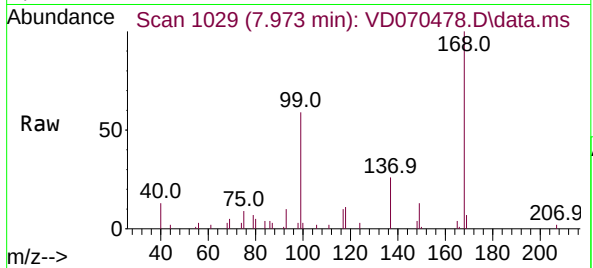




#38
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

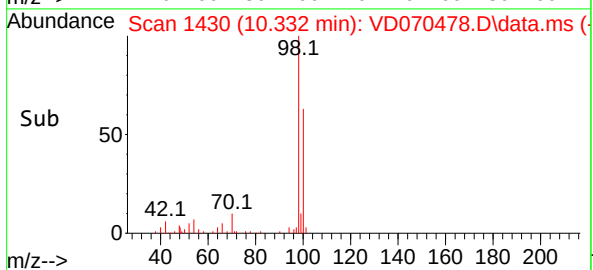
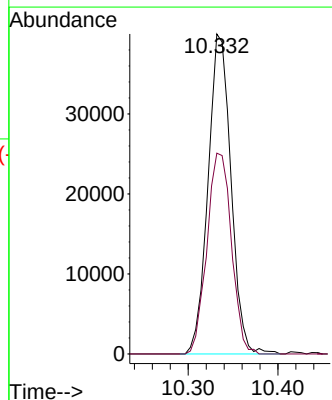
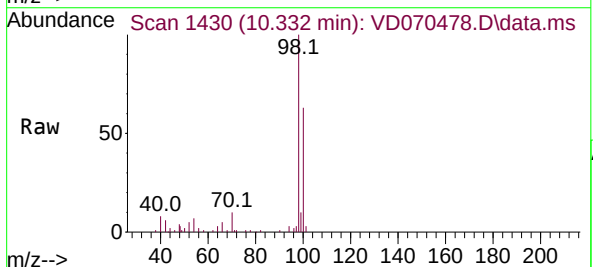
Instrument :
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SUB-SLAB-06-(6-2.6)RE

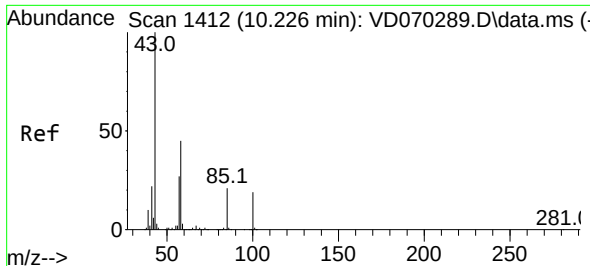
Tgt Ion:117 Resp: 3463
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 40.606 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

Tgt Ion: 98 Resp: 70956
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0

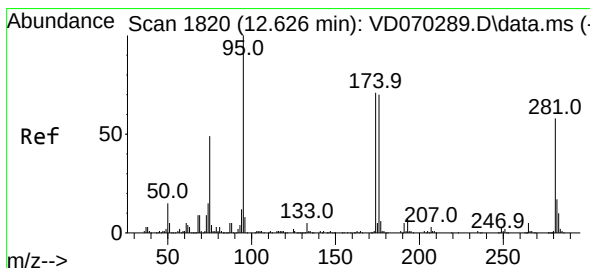
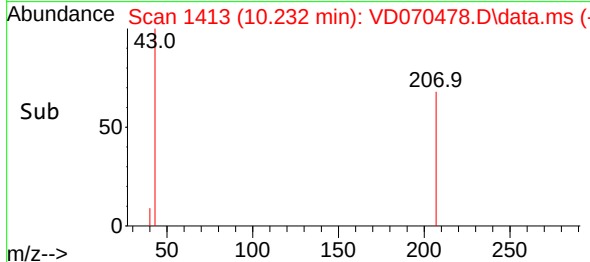
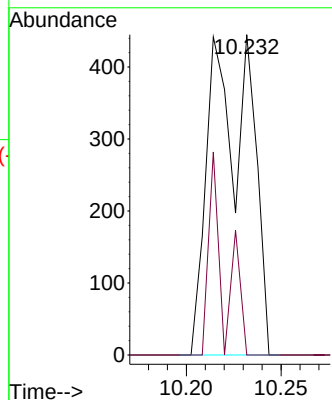
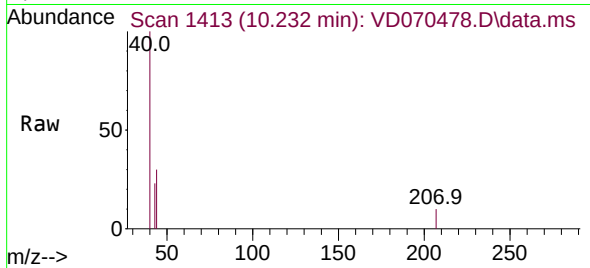




#51
4-Methyl-2-Pentanone
Concen: 2.564 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

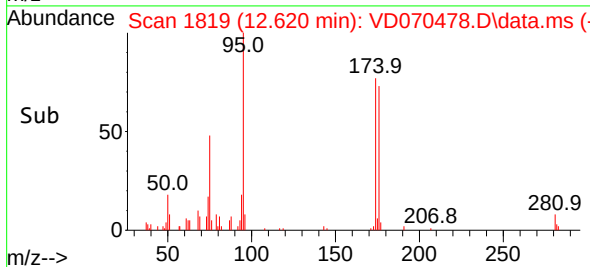
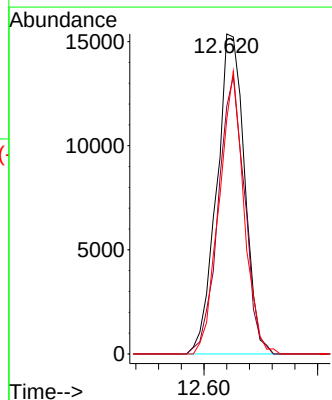
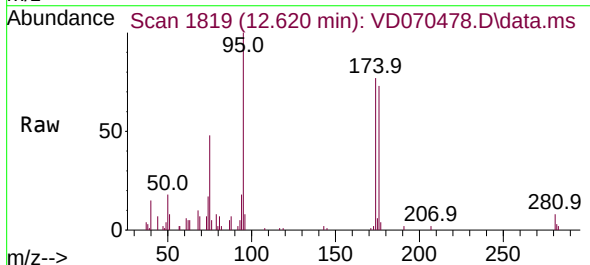
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-2.6)RE

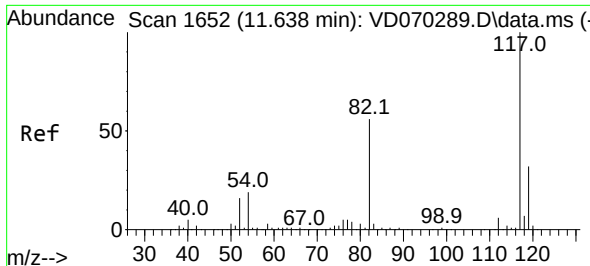
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 24.3 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 42.826 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

Tgt Ion: 95 Resp: 26154
Ion Ratio Lower Upper
95 100
174 81.7 0.0 140.6
176 78.5 0.0 137.4

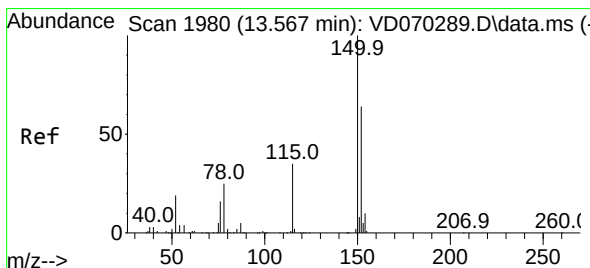
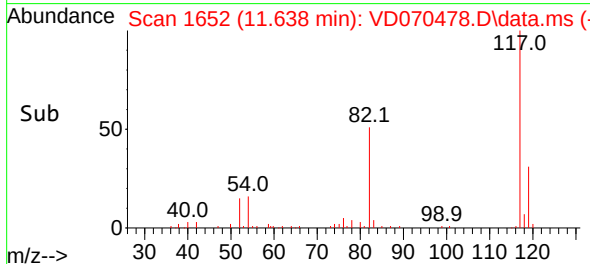
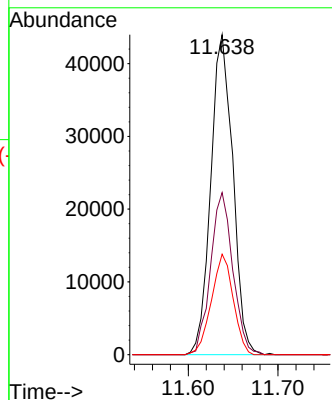
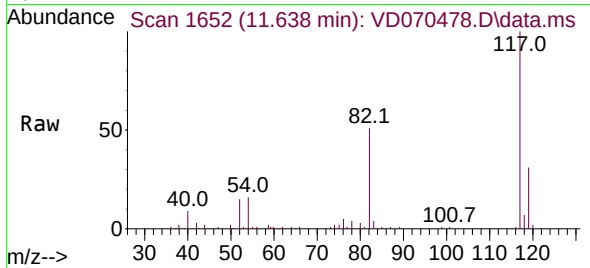




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

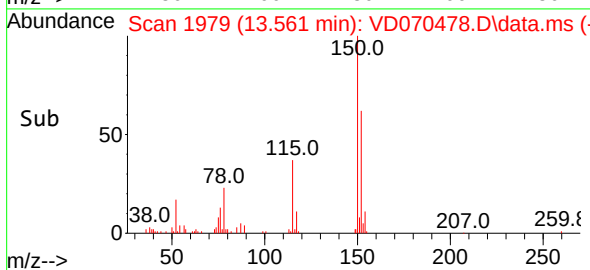
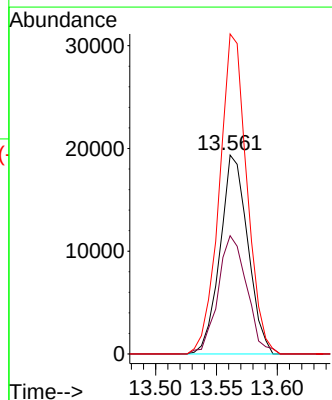
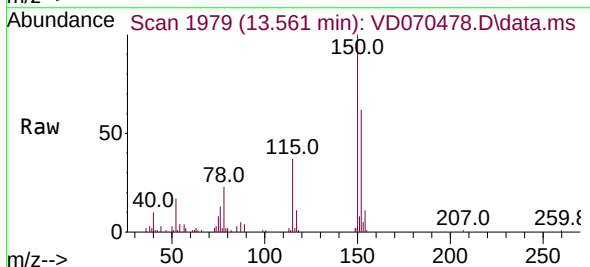
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-2.6)RE

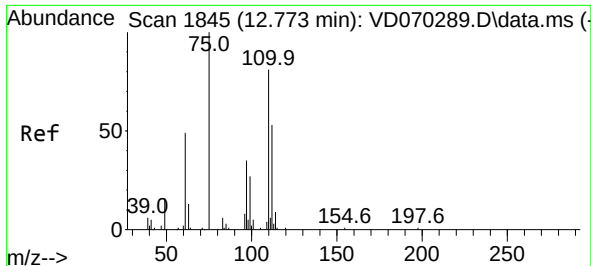
Tgt Ion:117	Resp:	75086
Ion Ratio	Lower	Upper
117	100	
82	50.6	45.0 67.4
119	31.4	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

Tgt Ion:152	Resp:	30661
Ion Ratio	Lower	Upper
152	100	
115	62.0	32.1 96.3
150	159.8	0.0 350.6

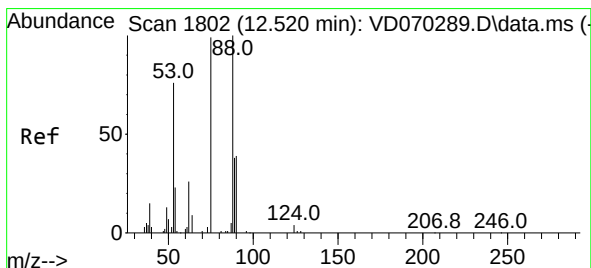
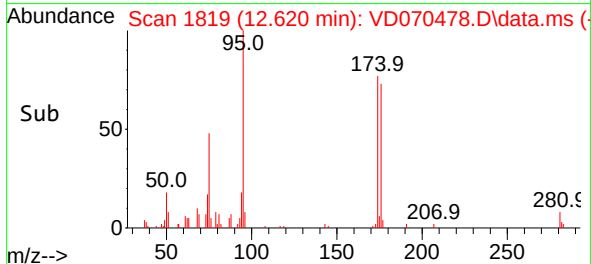
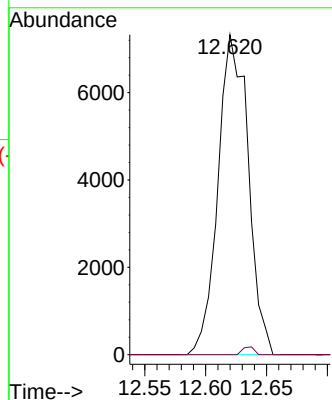
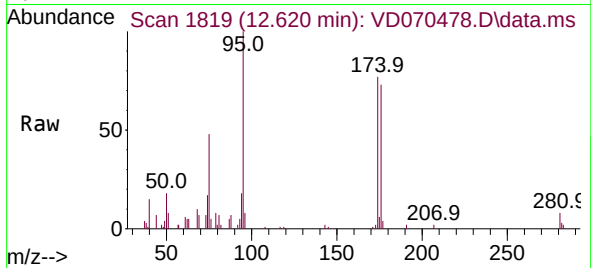




#76
1,2,3-Trichloropropane
Concen: 40.707 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-06-(6-2.6)RE

Tgt Ion: 75 Resp: 12625
Ion Ratio Lower Upper
75 100
77 0.9 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.996 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070478.D
Acq: 27 Sep 2021 15:27

Tgt Ion: 75 Resp: 12625
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#

