

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070130.D
 Acq On : 18 Aug 2021 16:21
 Operator : VA/SY
 Sample : M3435-09
 Misc : 3.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-22-0306

Quant Time: Aug 19 07:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

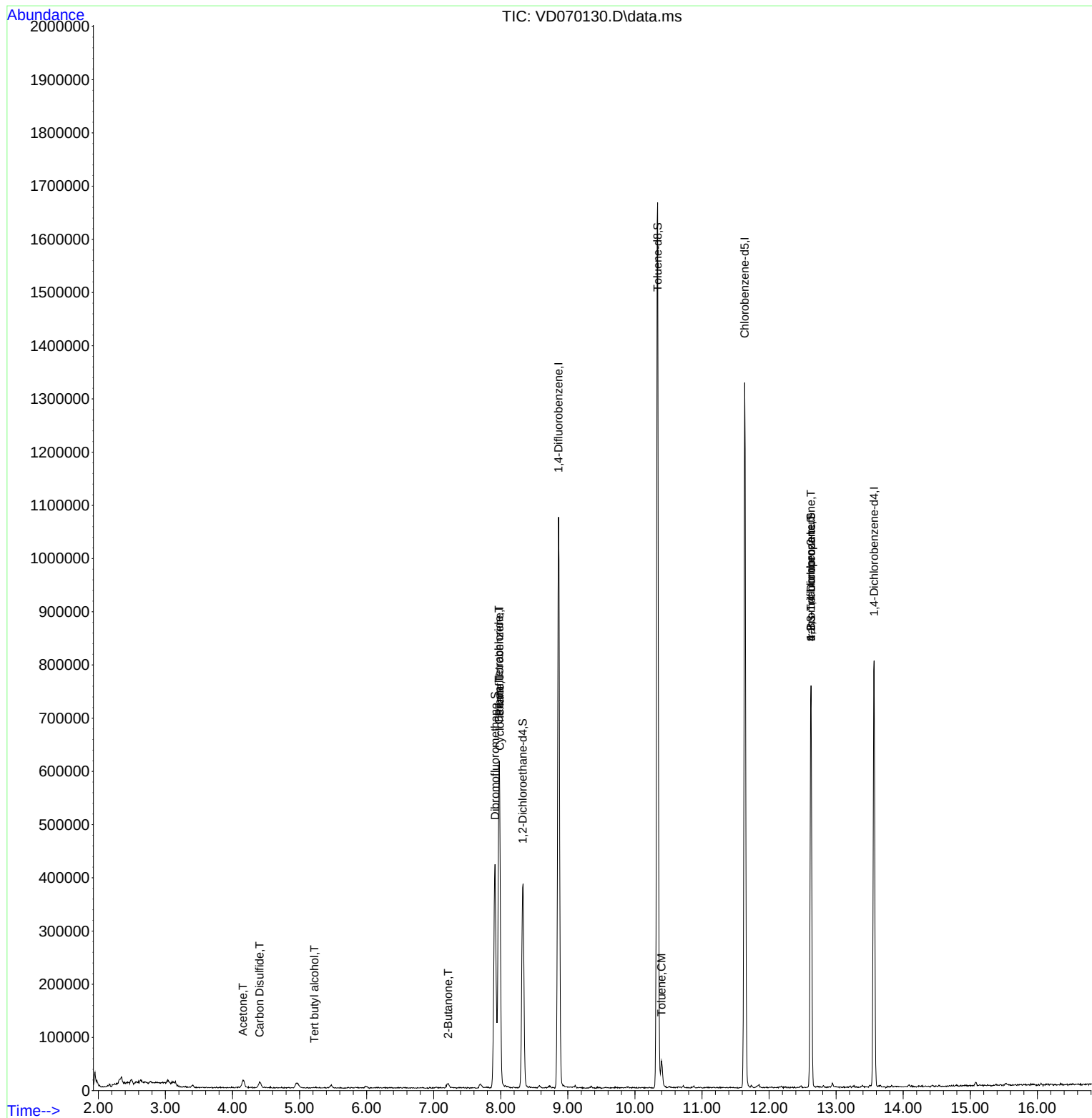
Internal Standards						
1) Pentafluorobenzene	7.979	168	446196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	919887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	773079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	305330	58.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.360%
35) Dibromofluoromethane	7.914	113	302292	50.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.338	98	1140092	49.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.626	95	264160	34.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	623	Below Cal	#	42
3) Chloromethane	2.215	50	1128	Below Cal	#	87
5) Bromomethane	2.779	94	2014	Below Cal		84
11) Tert butyl alcohol	5.220	59	641	2.210 ug/l	#	71
16) Acetone	4.156	43	25537	26.415 ug/l		96
17) Carbon Disulfide	4.403	76	22329	1.165 ug/l		96
20) Methylene Chloride	4.961	84	7818	Below Cal	#	80
25) 2-Butanone	7.214	43	8263	6.255 ug/l	#	86
31) Cyclohexane	7.985	56	12305	1.185 ug/l	#	1
38) Carbon Tetrachloride	7.973	117	49637	5.525 ug/l	#	13
52) Toluene	10.396	92	19772	1.132 ug/l		87
76) 1,2,3-Trichloropropane	12.626	75	127082	57.843 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	127082	150.140 ug/l	#	18

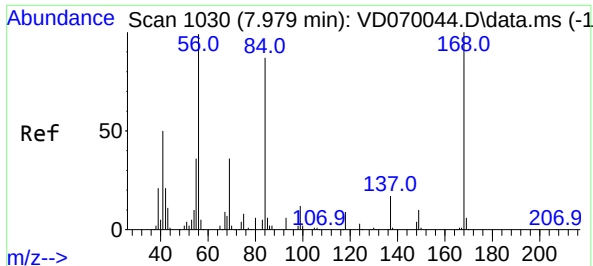
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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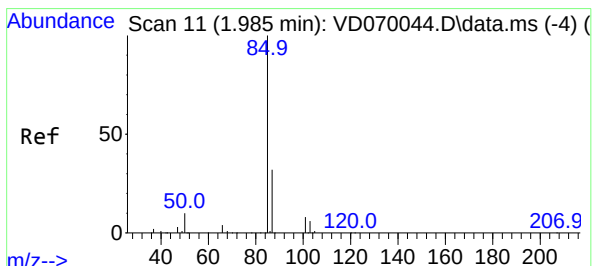
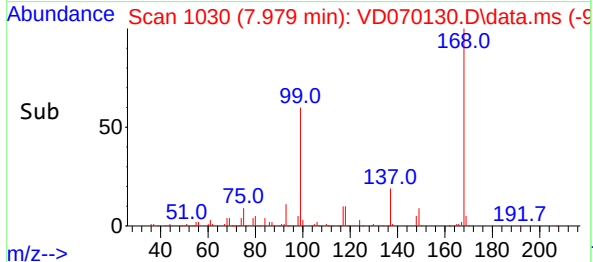
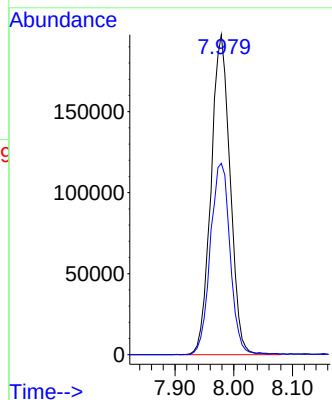
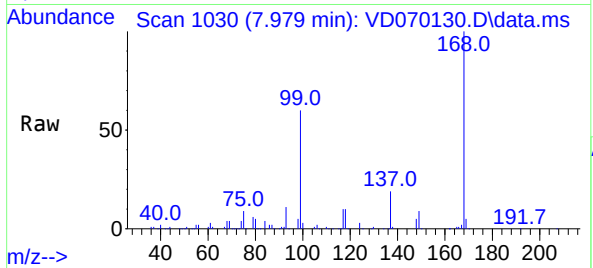




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

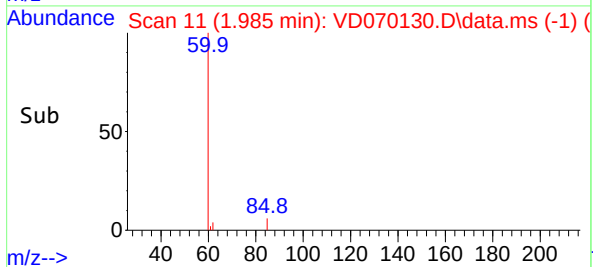
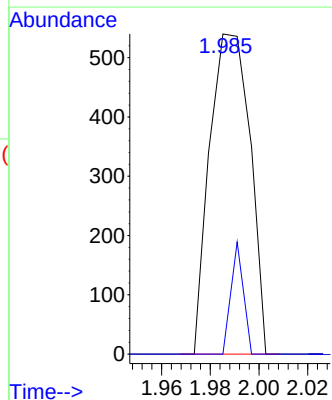
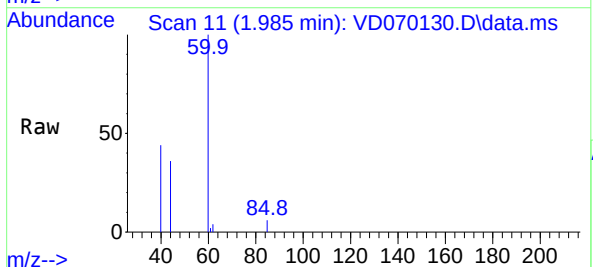
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

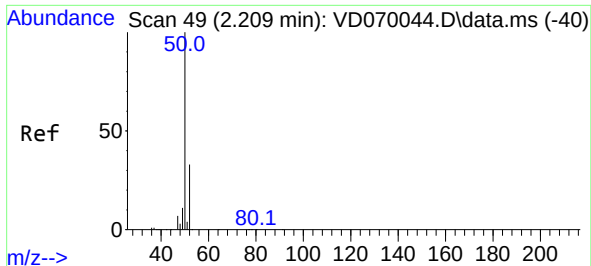
Tgt Ion:168 Resp: 446196
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 85 Resp: 623
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

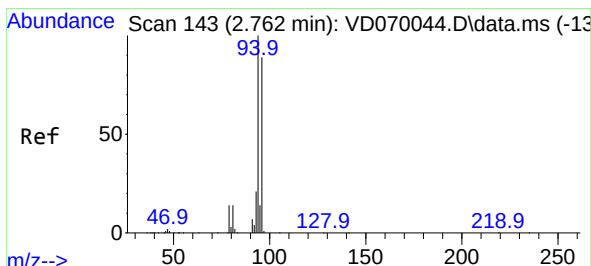
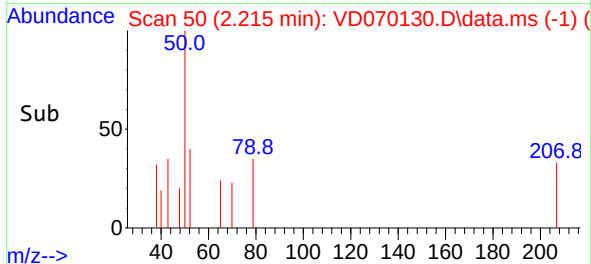
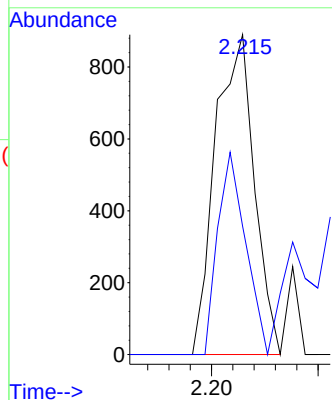
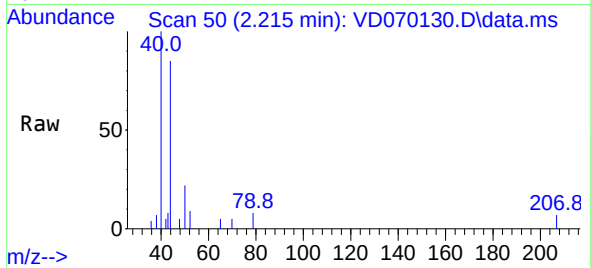




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

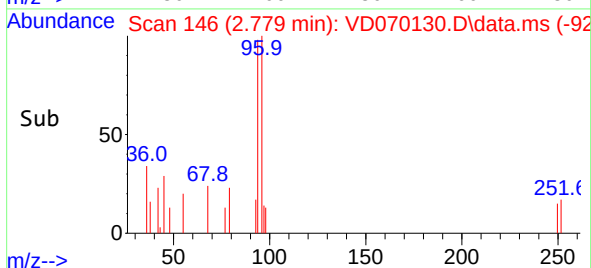
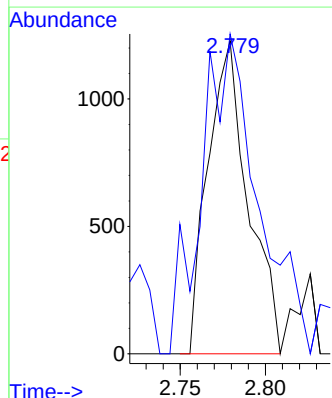
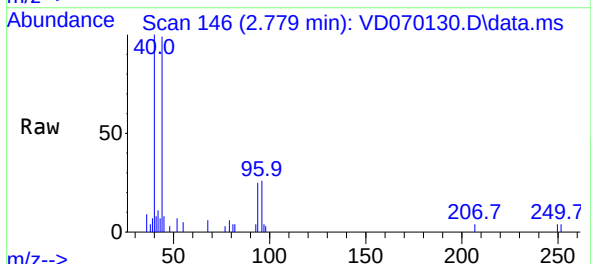
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

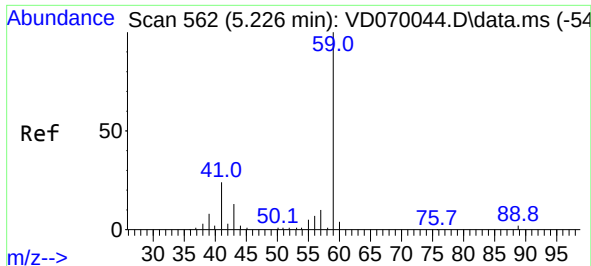
Tgt Ion: 50 Resp: 1128
Ion Ratio Lower Upper
50 100
52 40.1 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 94 Resp: 2014
Ion Ratio Lower Upper
94 100
96 73.9 70.9 106.3



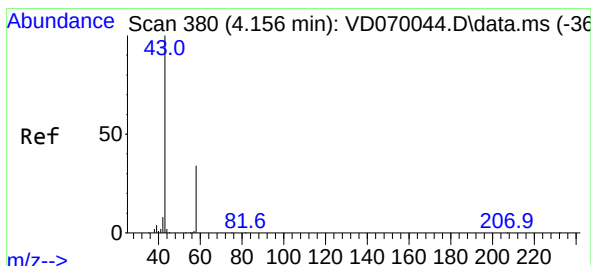
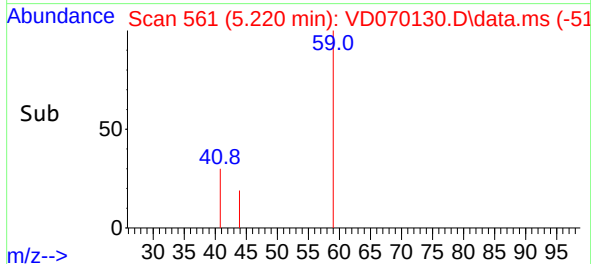
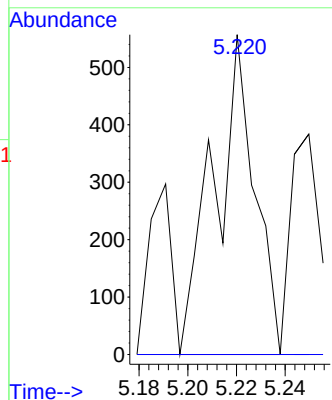
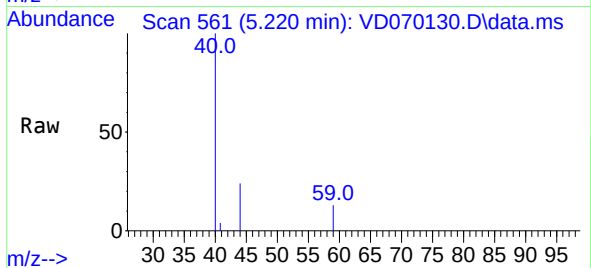


#11

Tert butyl alcohol
Concen: 2.210 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

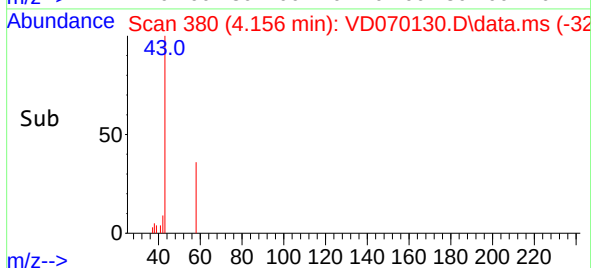
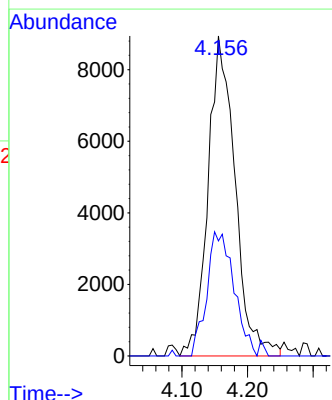
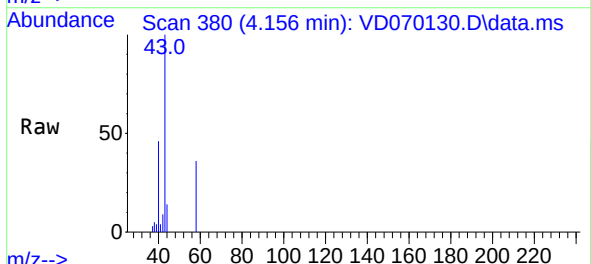
Tgt Ion: 59 Resp: 641
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

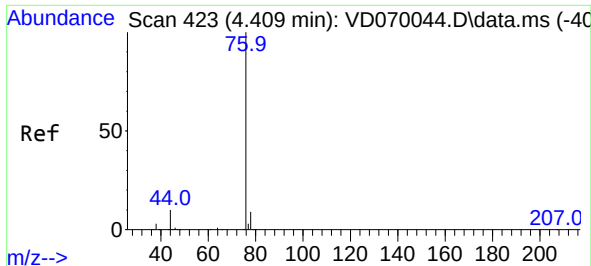


#16

Acetone
Concen: 26.415 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 43 Resp: 25537
Ion Ratio Lower Upper
43 100
58 35.9 26.8 40.2

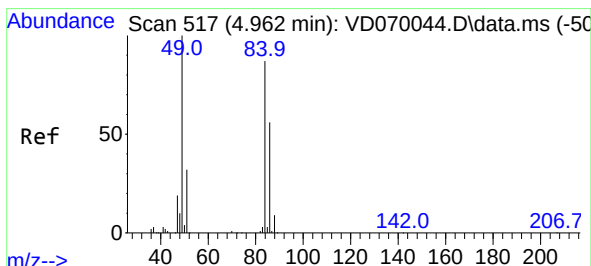
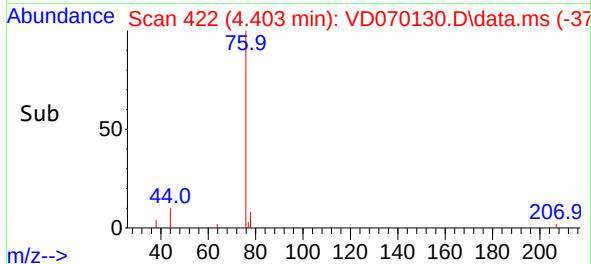
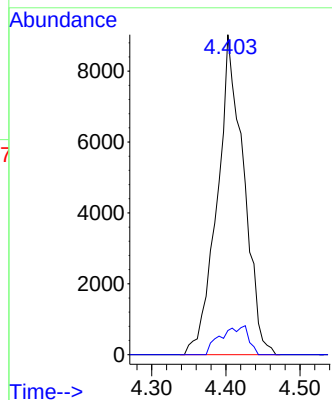
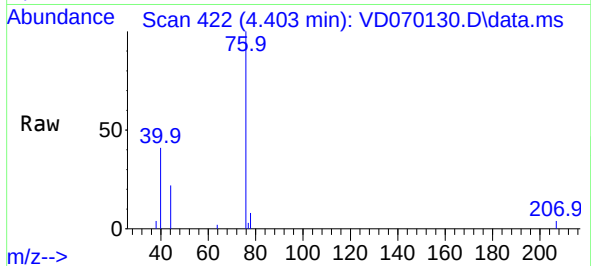




#17
Carbon Disulfide
Concen: 1.165 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

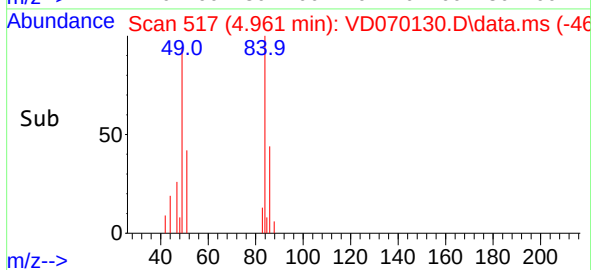
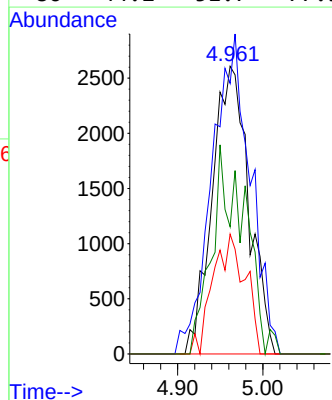
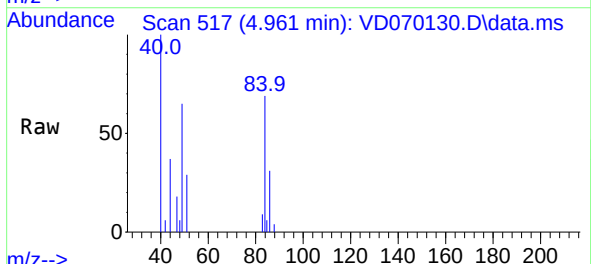
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

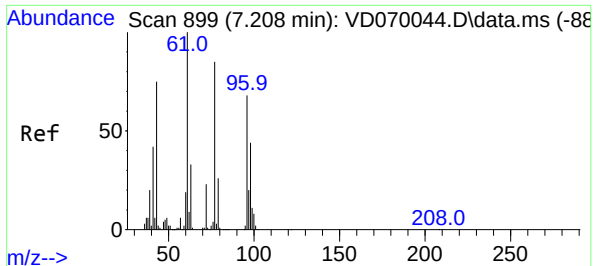
Tgt Ion: 76 Resp: 22329
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 84 Resp: 7818
Ion Ratio Lower Upper
84 100
49 94.1 92.5 138.7
51 41.7 29.7 44.5
86 44.2 51.7 77.5#

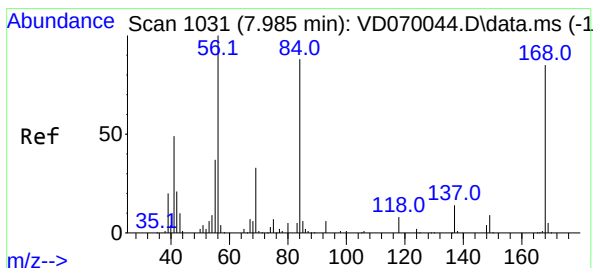
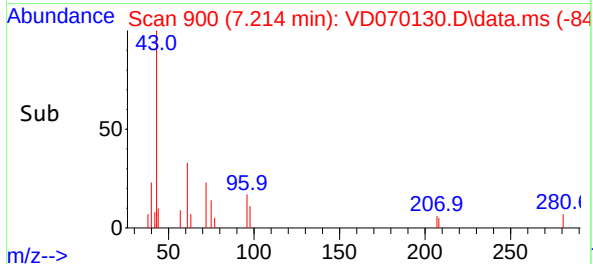
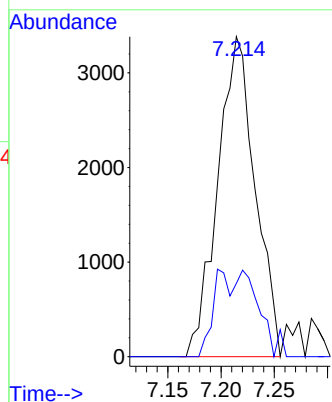
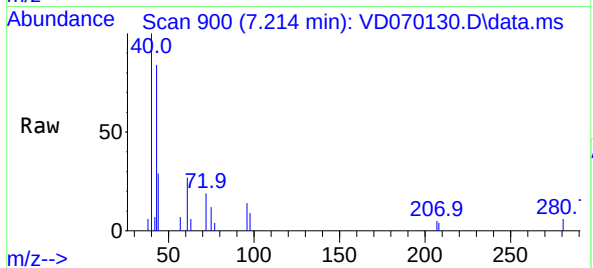




#25
2-Butanone
Concen: 6.255 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

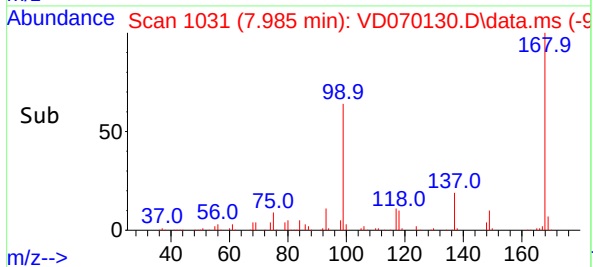
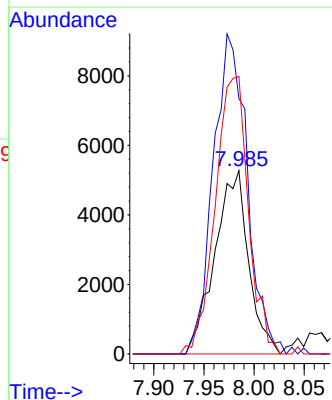
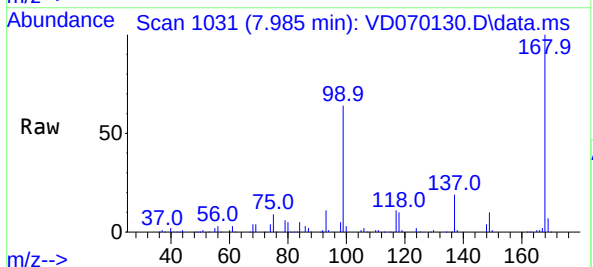
Instrument :
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SWCS-22-0306

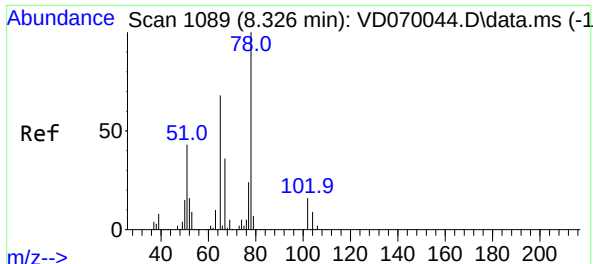
Tgt Ion: 43 Resp: 8263
Ion Ratio Lower Upper
43 100
72 22.9 24.2 36.4#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 56 Resp: 12305
Ion Ratio Lower Upper
56 100
69 139.5 26.7 40.1#
84 151.4 70.4 105.6#



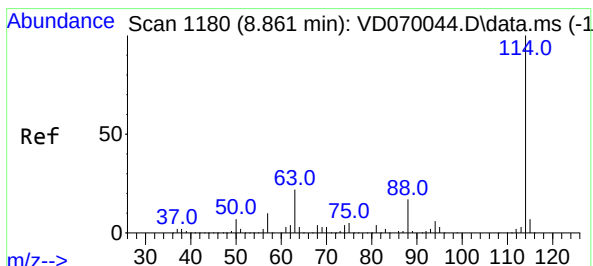
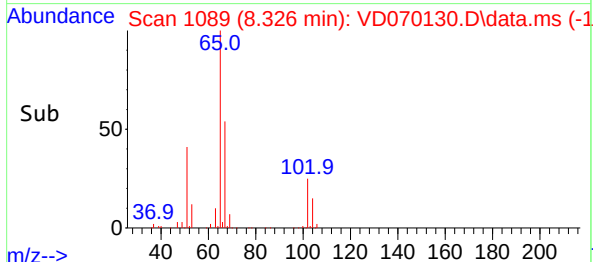
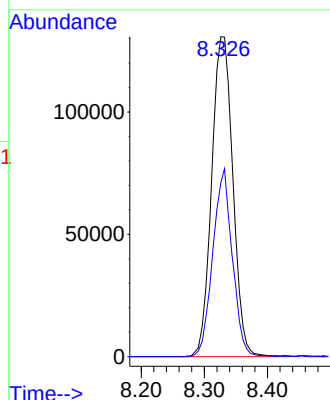
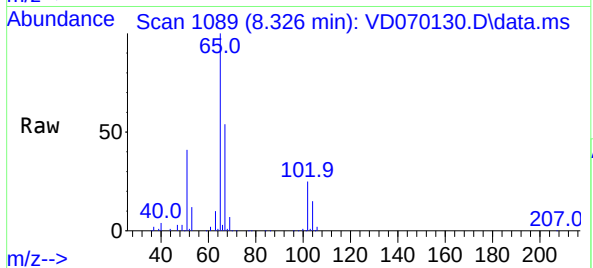


#33

1,2-Dichloroethane-d4
Concen: 58.181 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Instrument :
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SWCS-22-0306

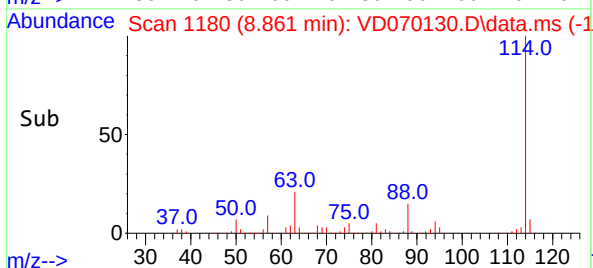
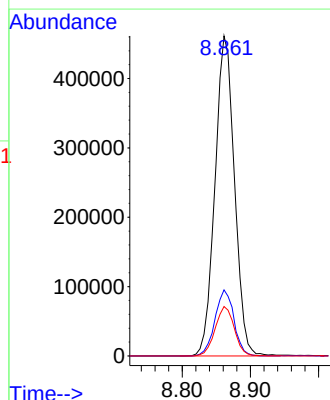
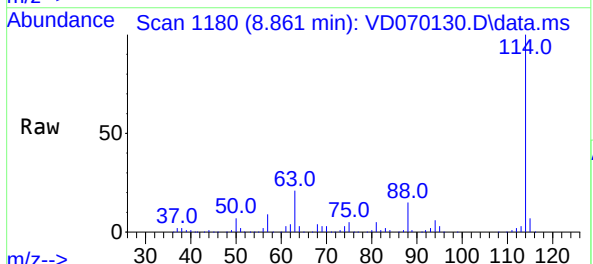
Tgt Ion: 65 Resp: 305330
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8

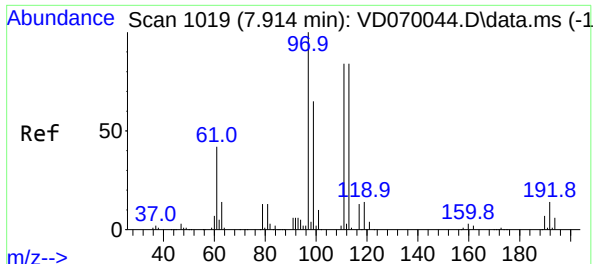


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 114 Resp: 919887
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 15.5 0.0 33.4

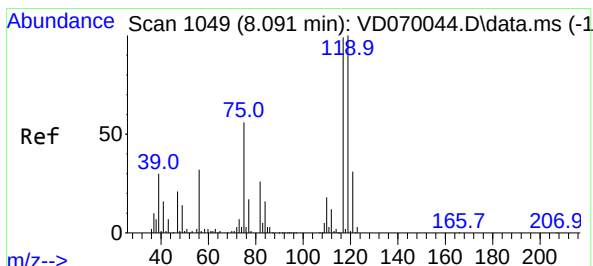
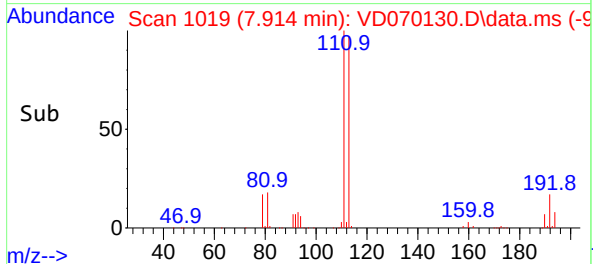
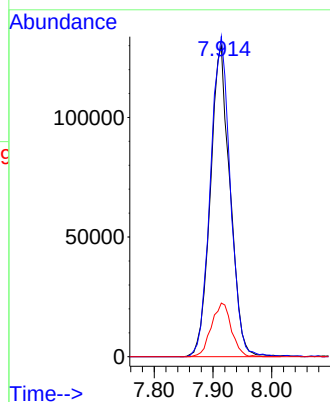
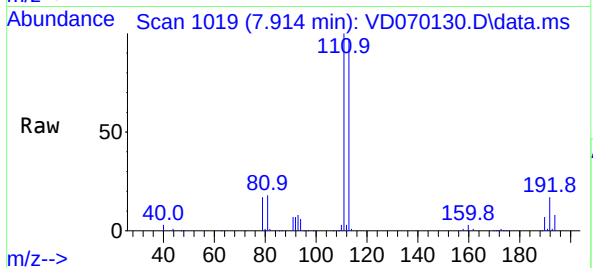




#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

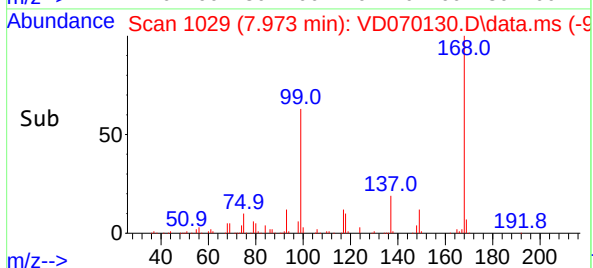
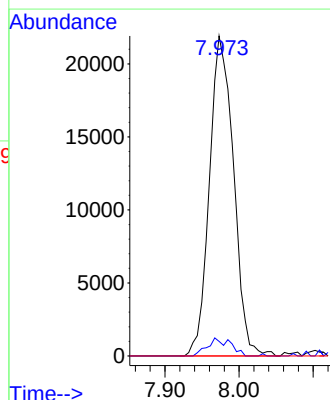
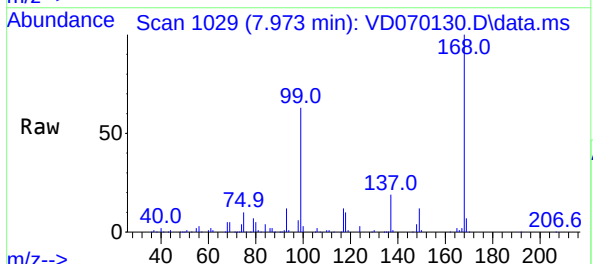
Instrument :
MSVOA_D
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SWCS-22-0306

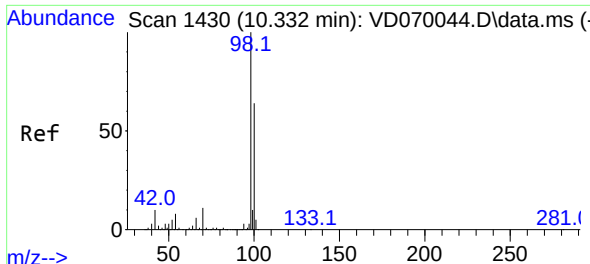
Tgt Ion:113 Resp: 302292
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.6
192 17.5 13.2 19.8



#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion:117 Resp: 49637
Ion Ratio Lower Upper
117 100
119 4.6 81.0 121.6#
121 0.0 25.0 37.6#

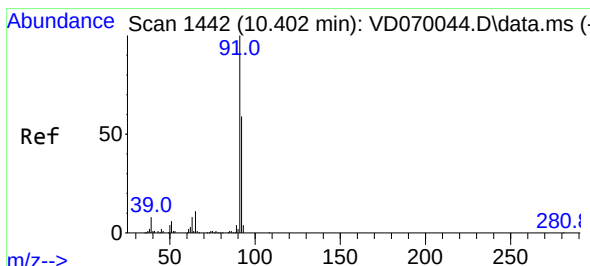
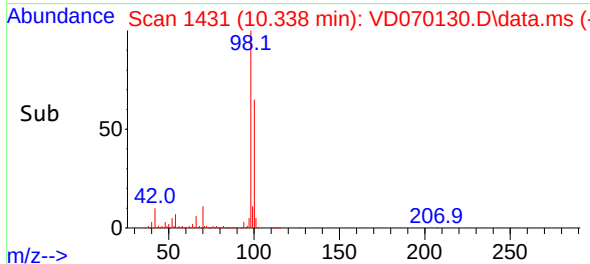
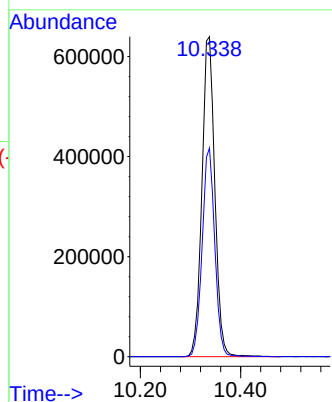
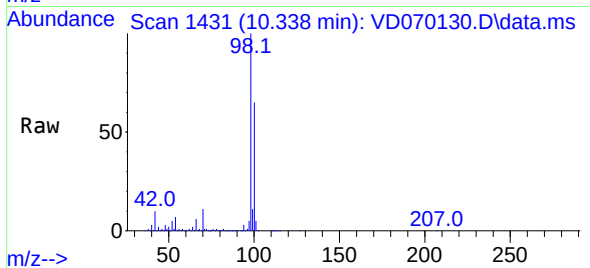




#50
Toluene-d8
Concen: 49.322 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

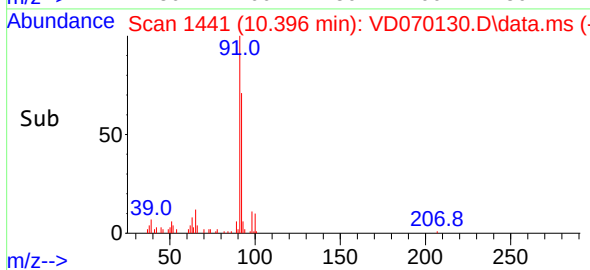
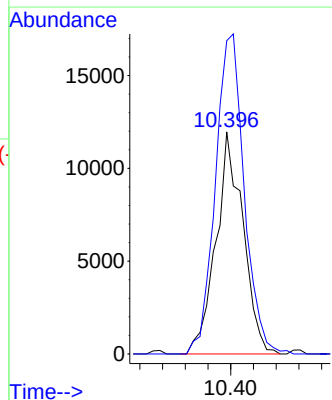
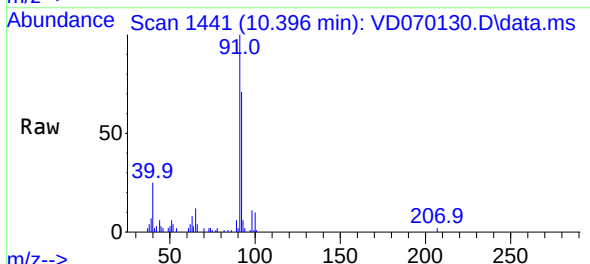
Instrument :
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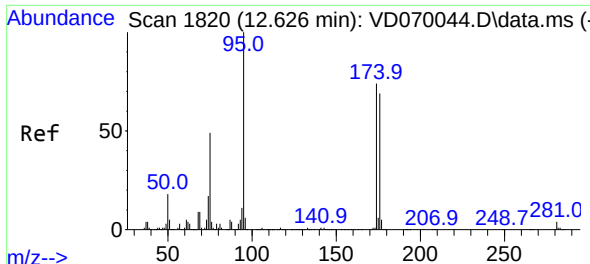
Tgt Ion: 98 Resp: 1140092
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#52
Toluene
Concen: 1.132 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 92 Resp: 19772
Ion Ratio Lower Upper
92 100
91 153.9 137.2 205.8

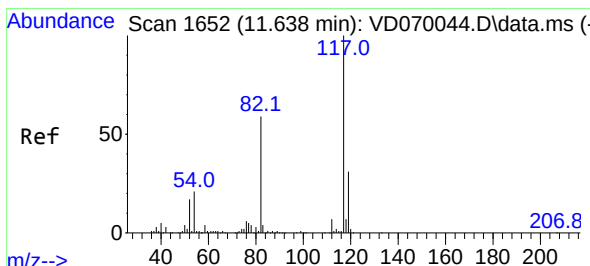
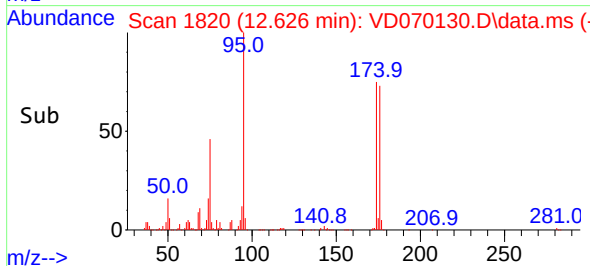
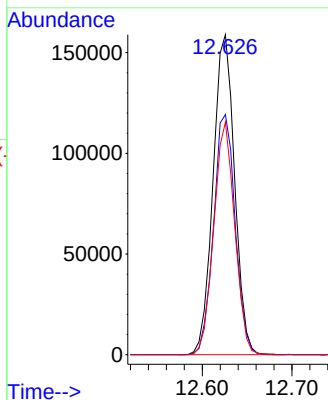
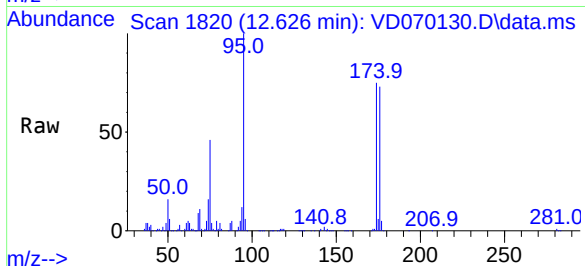




#62
4-Bromofluorobenzene
Concen: 34.696 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

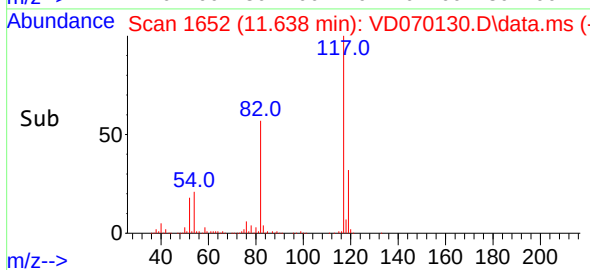
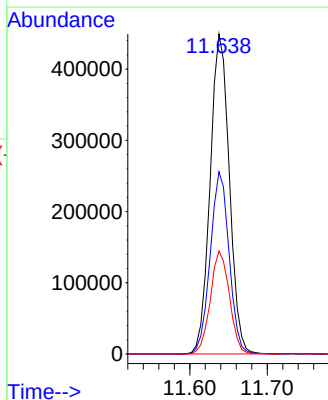
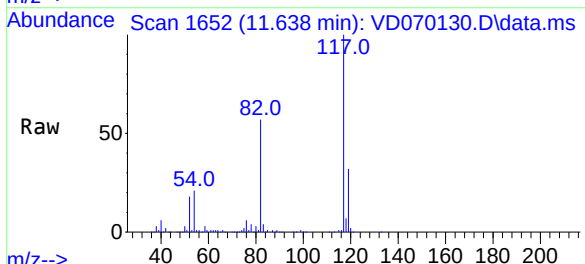
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

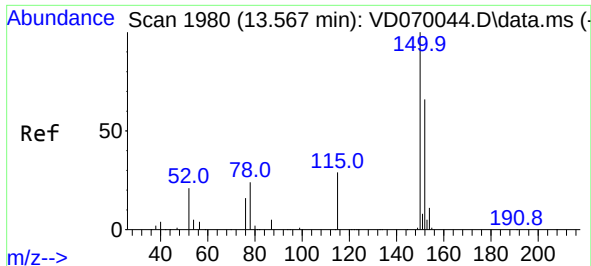
Tgt Ion:	95	Resp:	264160
Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	141.6
176	70.7	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion:	117	Resp:	773079
Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.5	71.3
119	32.1	25.1	37.7

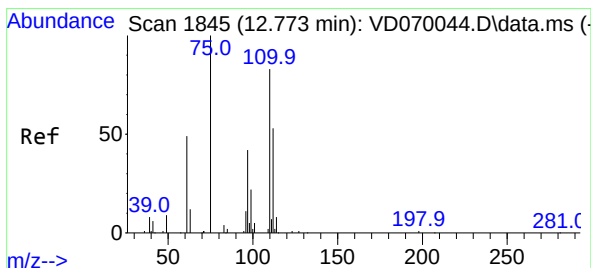
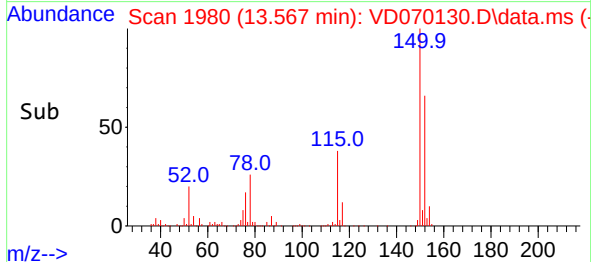
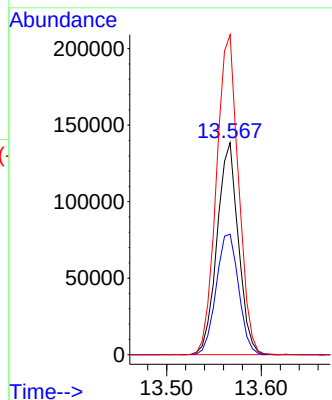
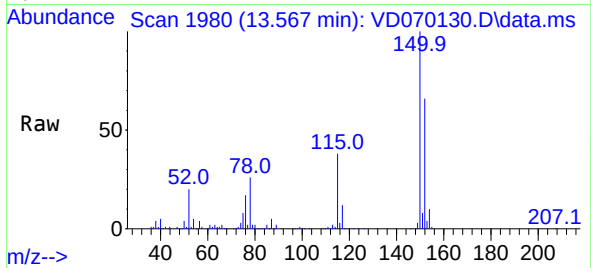




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

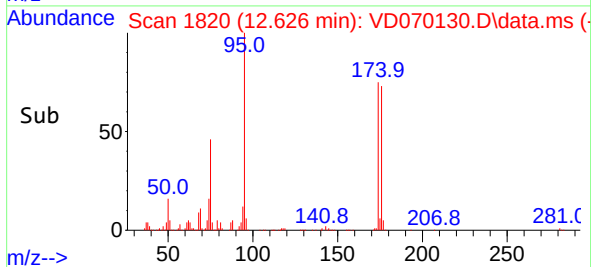
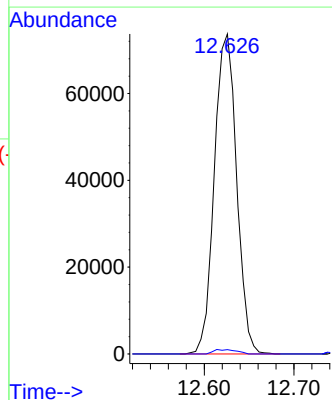
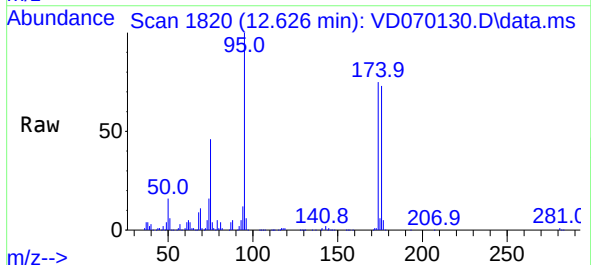
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

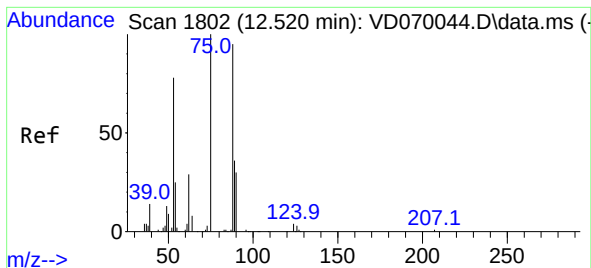
Tgt Ion:152 Resp: 216638
Ion Ratio Lower Upper
152 100
115 60.1 31.2 93.6
150 156.4 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 57.843 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

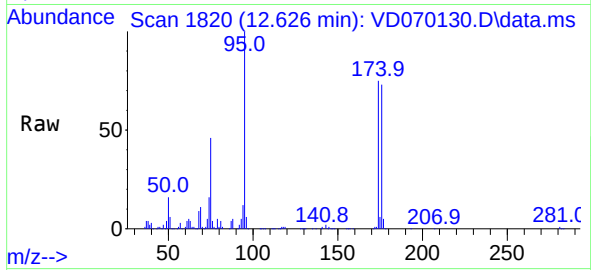
Tgt Ion: 75 Resp: 127082
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 150.140 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306



Tgt Ion: 75 Resp: 127082
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

