

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070146.D
 Acq On : 19 Aug 2021 01:54
 Operator : VA/SY
 Sample : M3435-29
 Misc : 2.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-22-0003

Quant Time: Aug 19 07:37:36 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)

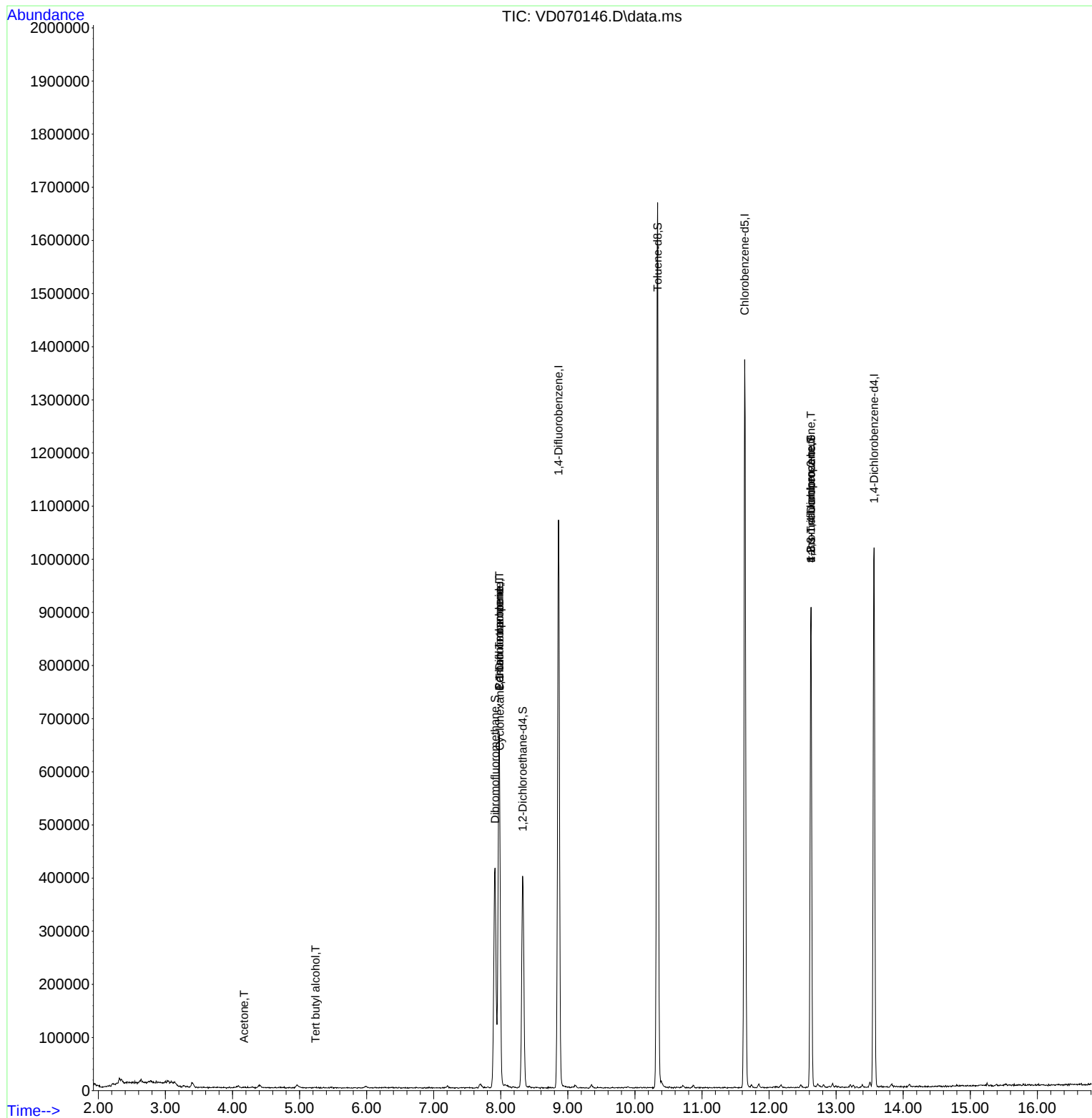
Internal Standards						
1) Pentafluorobenzene	7.979	168	466726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	899608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	806667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	272361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	314535	57.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.600%
35) Dibromofluoromethane	7.914	113	303912	52.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.580%
50) Toluene-d8	10.338	98	1131964	50.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.626	95	306837	41.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	1372	Below Cal	#	59
3) Chloromethane	2.209	50	2386	Below Cal	#	70
5) Bromomethane	2.773	94	2888	Below Cal	#	78
11) Tert butyl alcohol	5.238	59	407	1.341	ug/l #	71
16) Acetone	4.173	43	1130	1.117	ug/l #	41
20) Methylene Chloride	4.973	84	4157	Below Cal	#	83
31) Cyclohexane	7.985	56	14106	1.298	ug/l #	18
36) 1,1-Dichloropropene	7.979	75	43231	4.467	ug/l #	49
38) Carbon Tetrachloride	7.979	117	50528	5.751	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	151468	54.838	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	151468	142.338	ug/l #	18

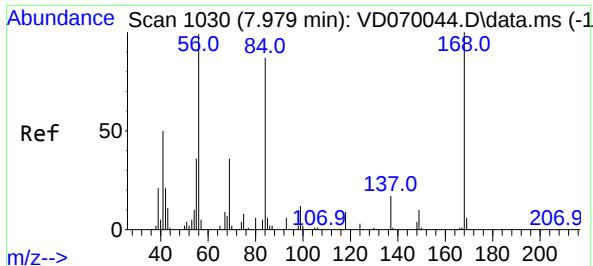
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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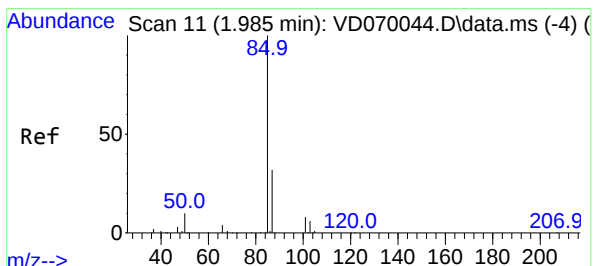
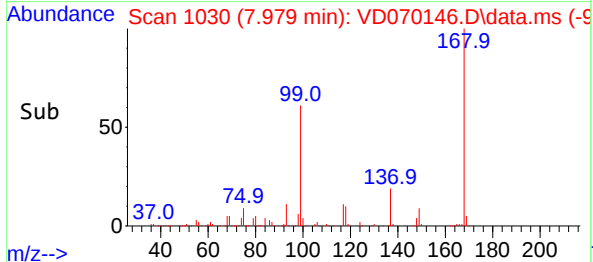
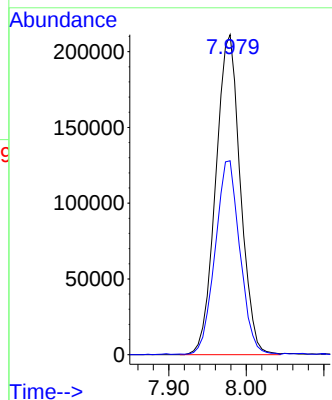
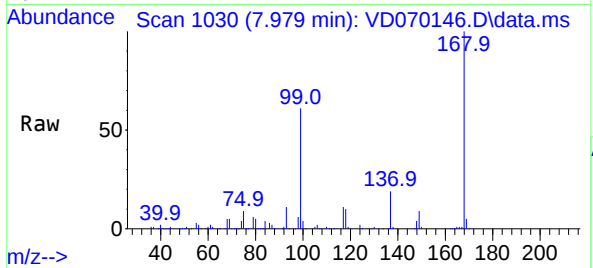




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

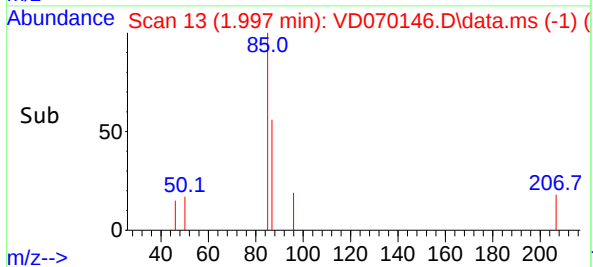
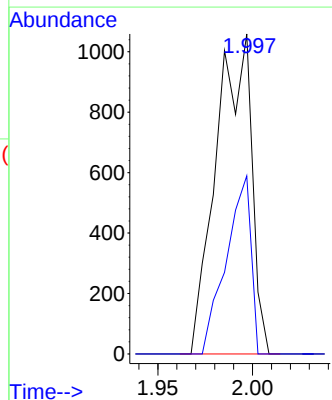
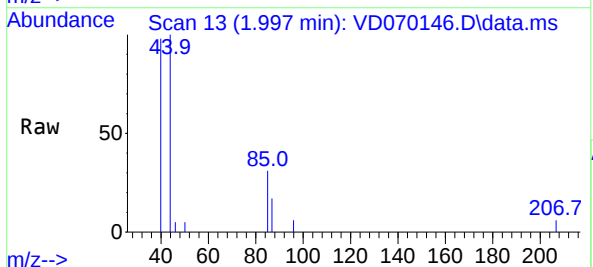
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003

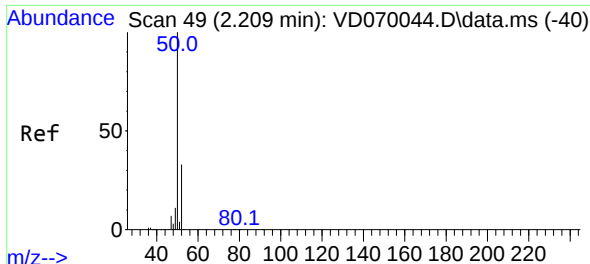
Tgt Ion:168 Resp: 466726
Ion Ratio Lower Upper
168 100
99 60.5 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Tgt Ion: 85 Resp: 1372
Ion Ratio Lower Upper
85 100
87 55.6 16.2 48.6#

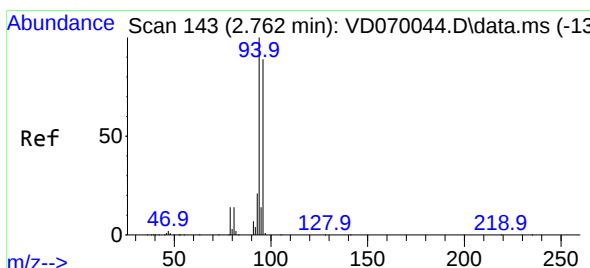
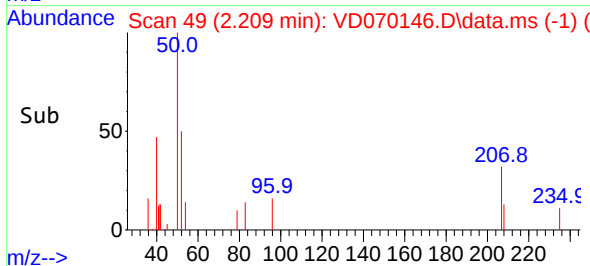
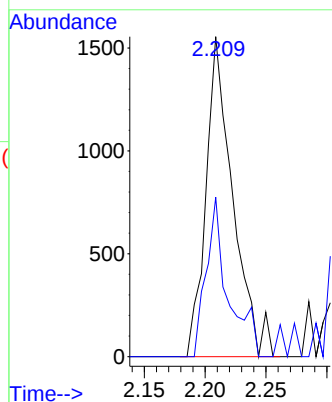
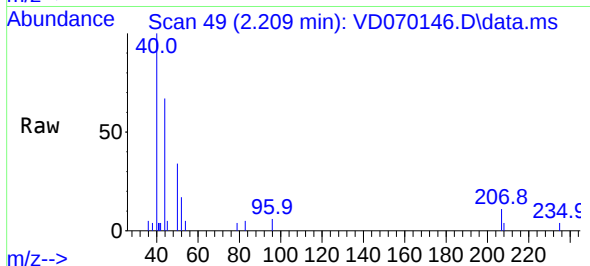




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

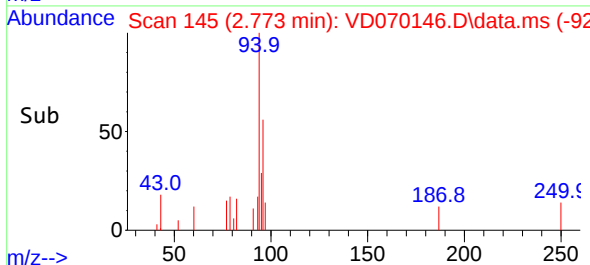
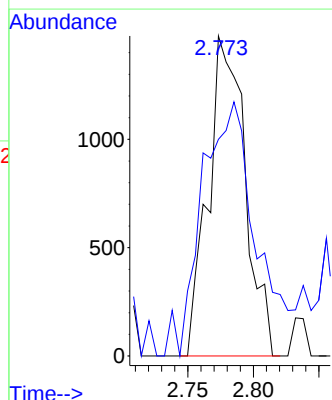
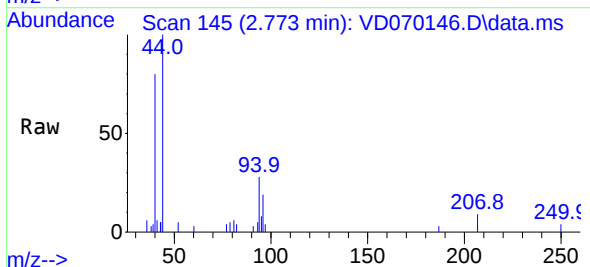
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003

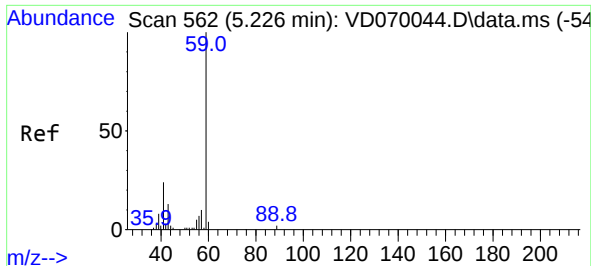
Tgt Ion: 50 Resp: 2386
Ion Ratio Lower Upper
50 100
52 49.8 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Tgt Ion: 94 Resp: 2888
Ion Ratio Lower Upper
94 100
96 67.7 70.9 106.3#

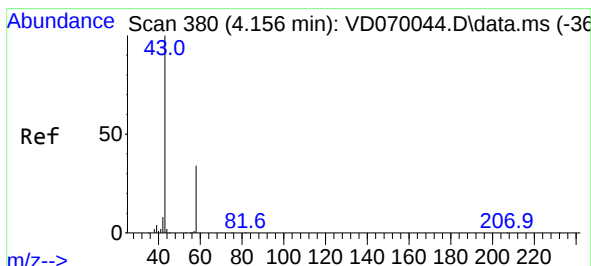
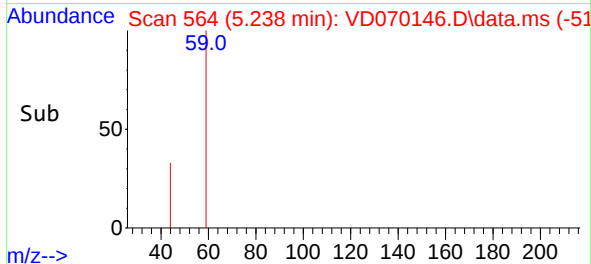
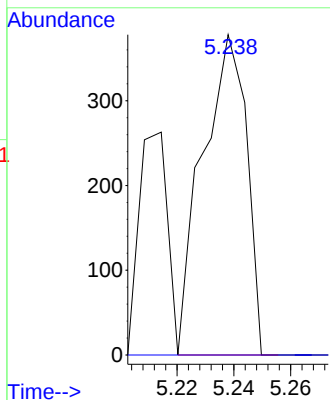
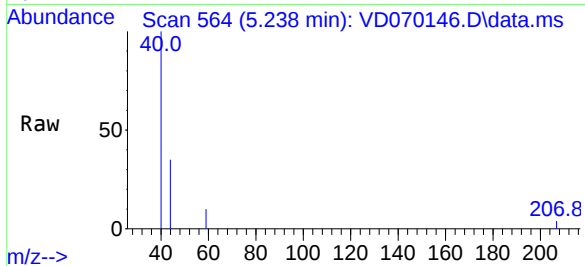




#11
Tert butyl alcohol
Concen: 1.341 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

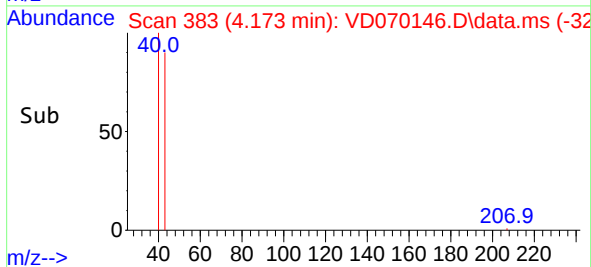
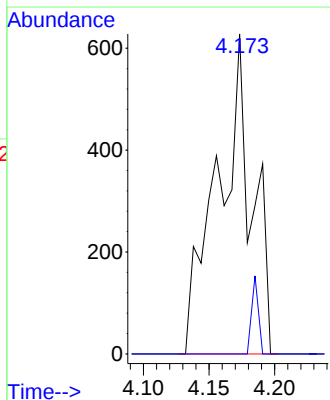
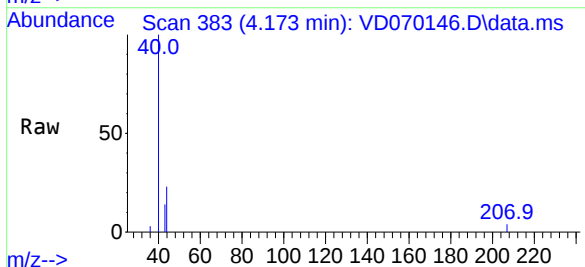
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003

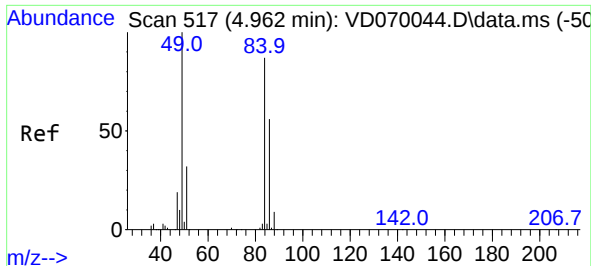
Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.117 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

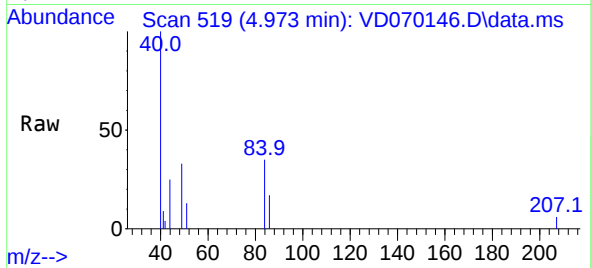
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#





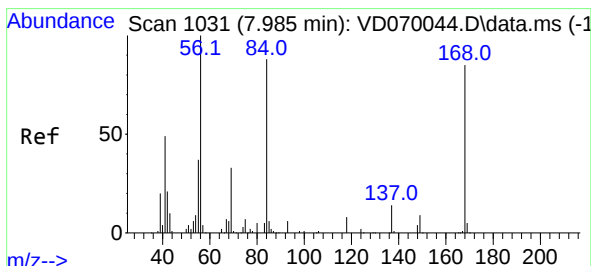
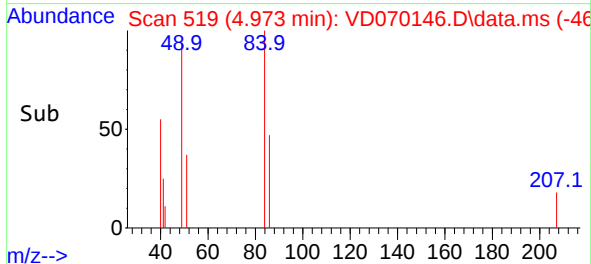
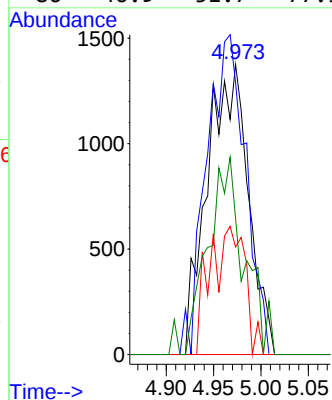
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003



Tgt Ion: 84 Resp: 4157

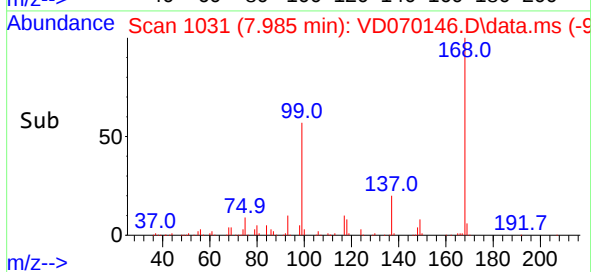
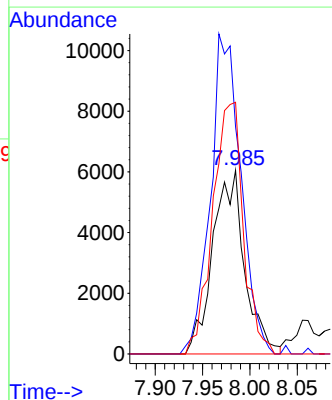
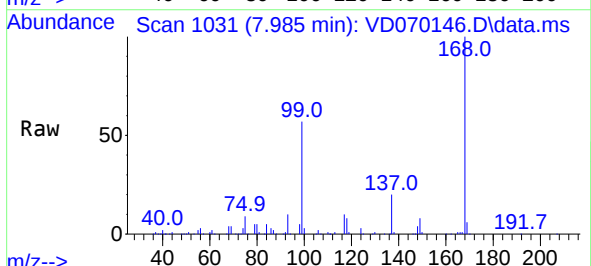
Ion	Ratio	Lower	Upper
84	100		
49	93.8	92.5	138.7
51	37.1	29.7	44.5
86	46.9	51.7	77.5#

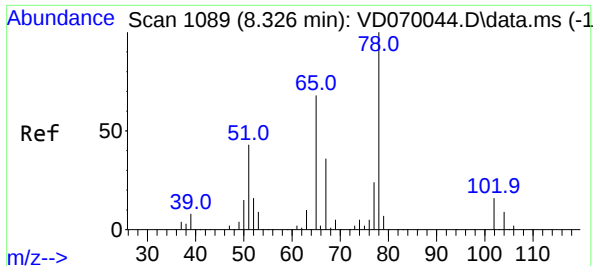


#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Tgt Ion: 56 Resp: 14106

Ion	Ratio	Lower	Upper
56	100		
69	123.7	26.7	40.1#
84	137.0	70.4	105.6#

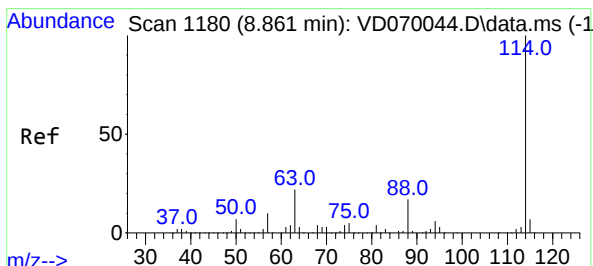
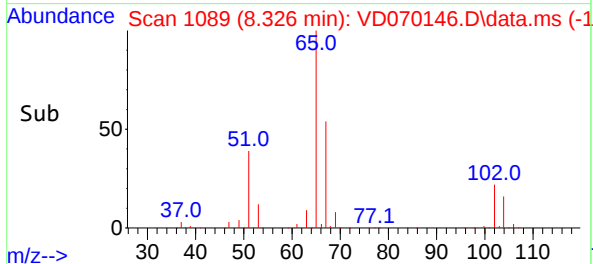
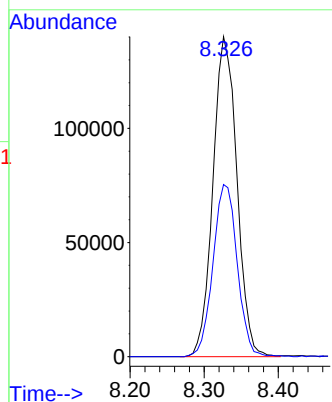
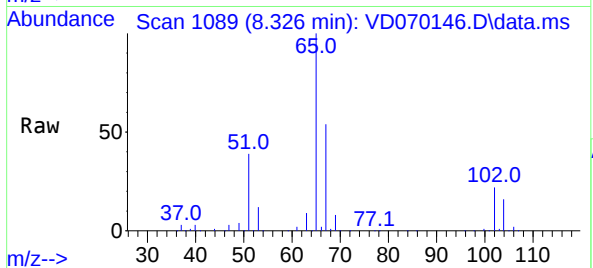




#33
1,2-Dichloroethane-d4
Concen: 57.298 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

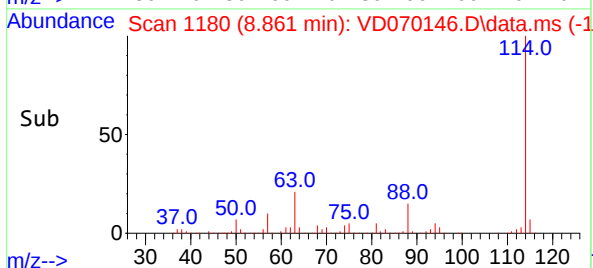
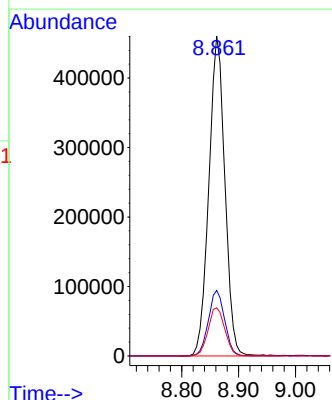
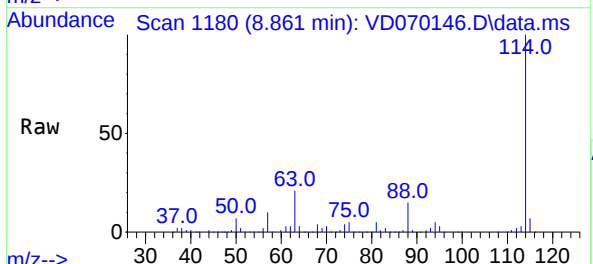
Instrument :
MSVOA_D
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SWCS-22-0003

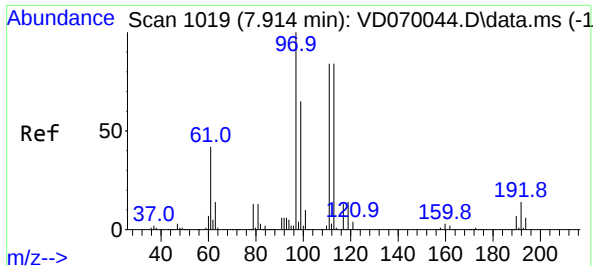
Tgt Ion: 65 Resp: 314535
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Tgt Ion:114 Resp: 899608
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.6
88 15.1 0.0 33.4



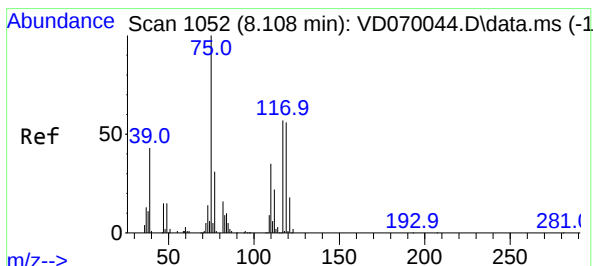
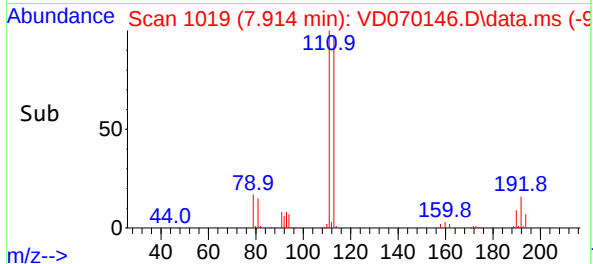
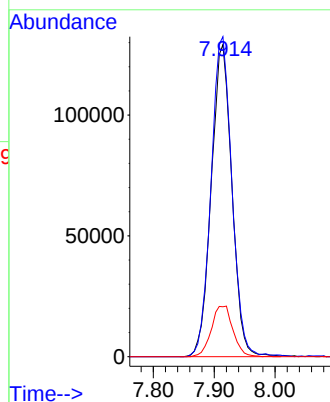
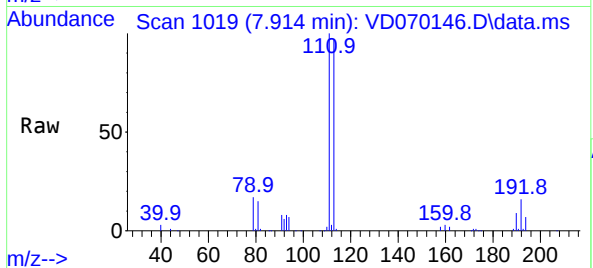


#35

Dibromofluoromethane
Concen: 52.290 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003

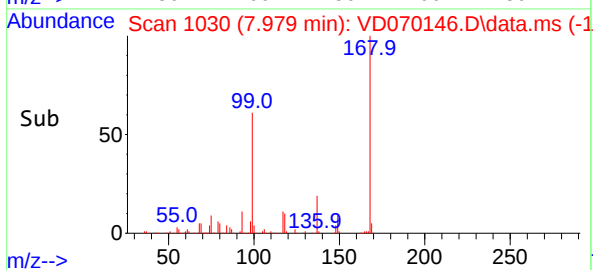
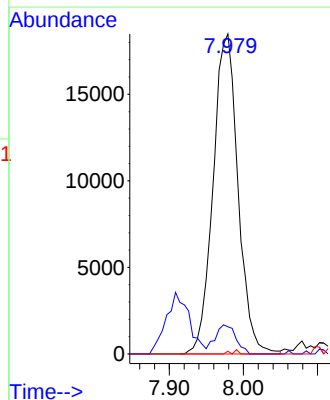
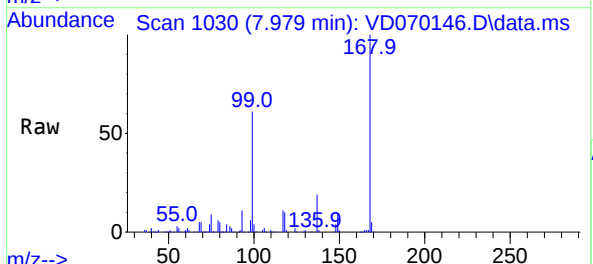
Tgt Ion:113 Resp: 303912
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.0 13.2 19.8

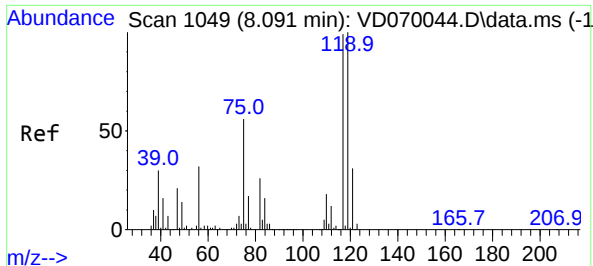


#36

1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Tgt Ion: 75 Resp: 43231
Ion Ratio Lower Upper
75 100
110 7.5 16.9 50.7#
77 0.3 25.2 37.8#

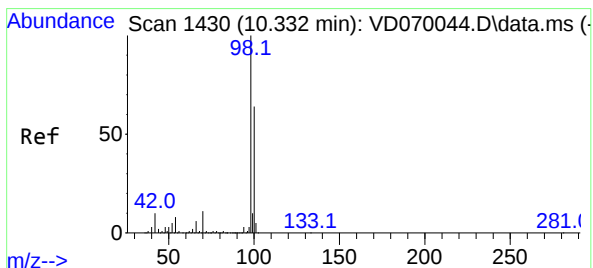
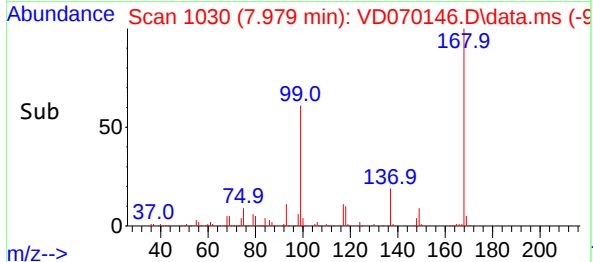
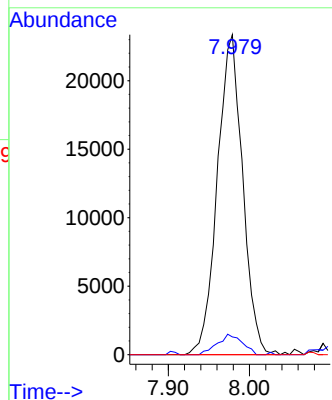
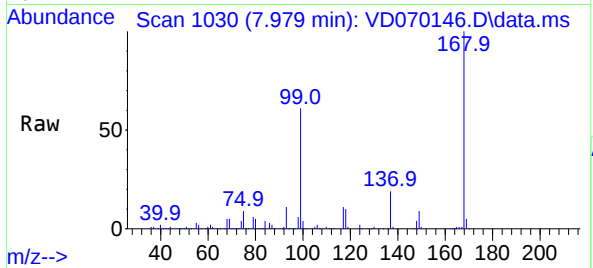




#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

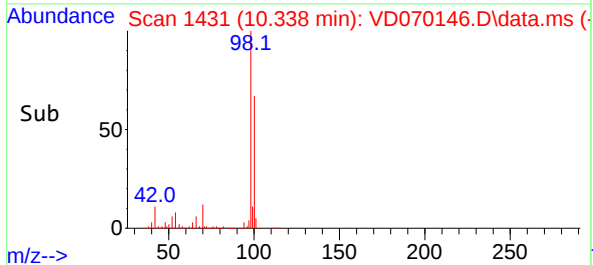
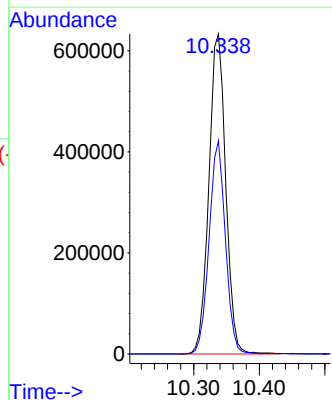
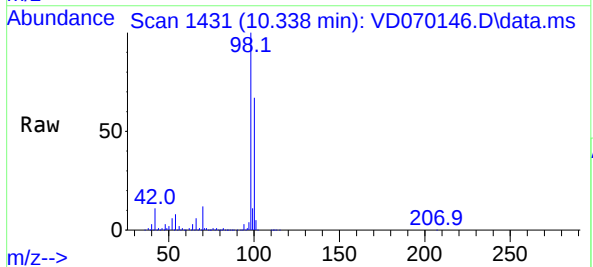
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003

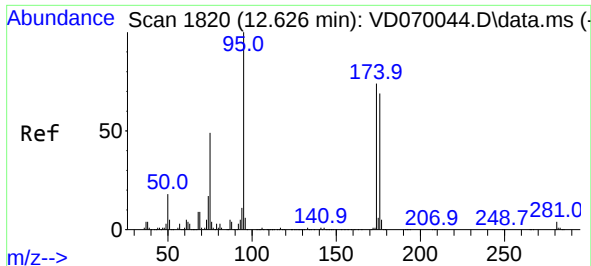
Tgt Ion:117 Resp: 50528
Ion Ratio Lower Upper
117 100
119 5.6 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.074 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Tgt Ion: 98 Resp: 1131964
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

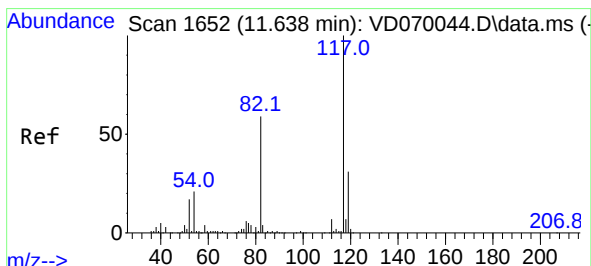
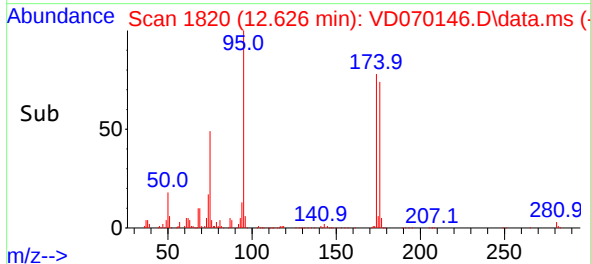
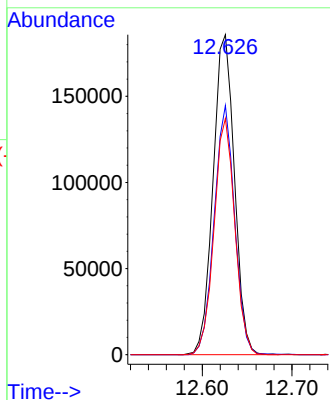
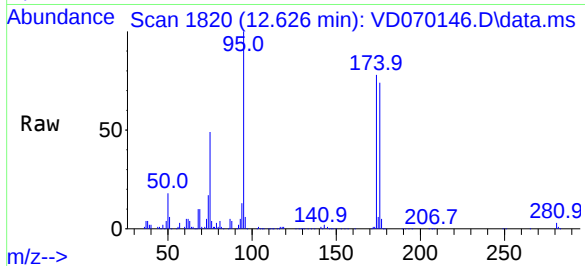




#62
4-Bromofluorobenzene
Concen: 41.210 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

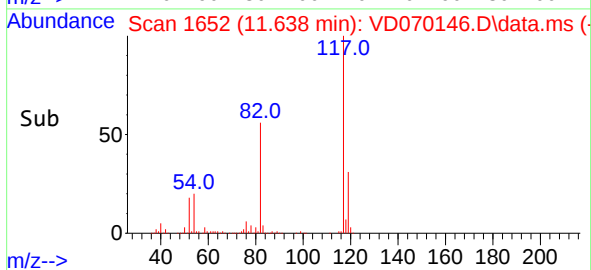
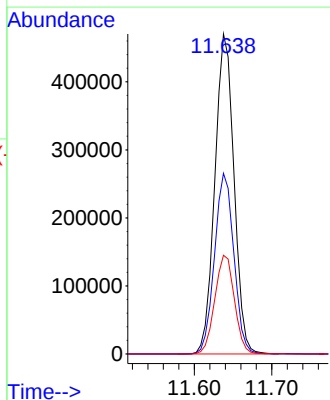
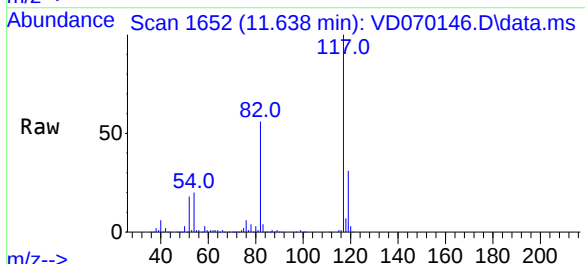
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003

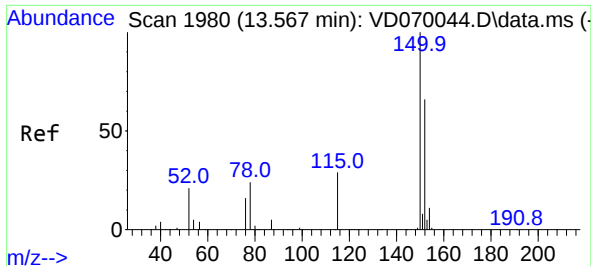
Tgt Ion: 95 Resp: 306837
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.6
176 71.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

Tgt Ion: 117 Resp: 806667
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 30.9 25.1 37.7

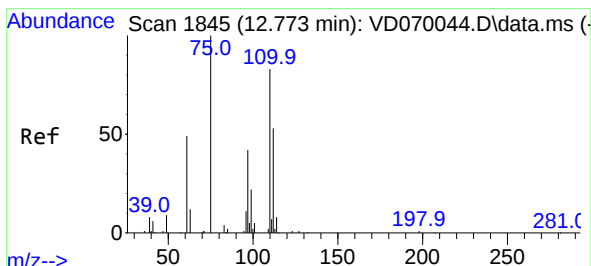
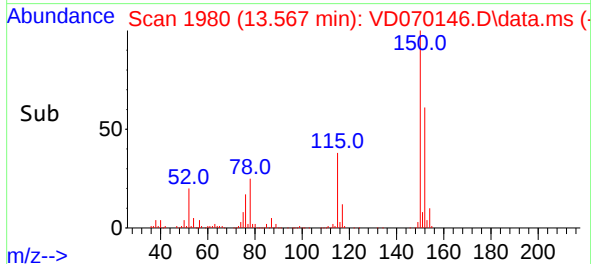
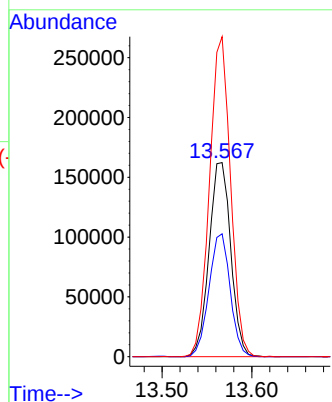
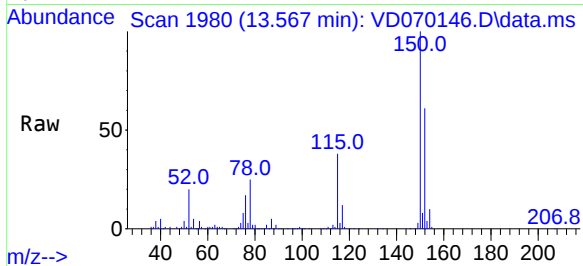




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

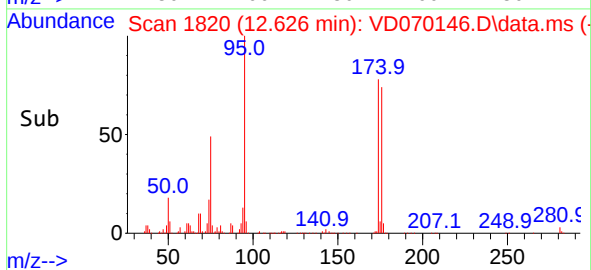
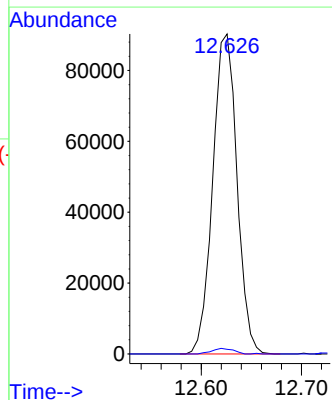
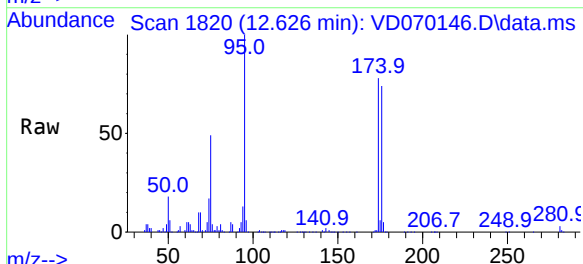
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0003

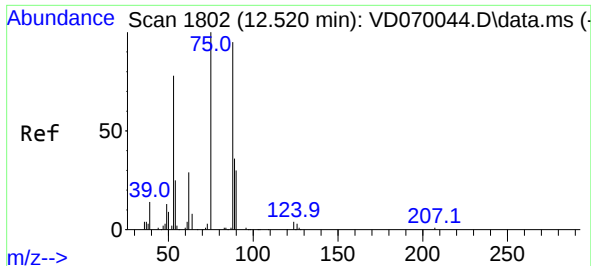
Tgt Ion:152 Resp: 272361
Ion Ratio Lower Upper
152 100
115 61.9 31.2 93.6
150 159.6 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 54.838 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070146.D
Acq: 19 Aug 2021 01:54

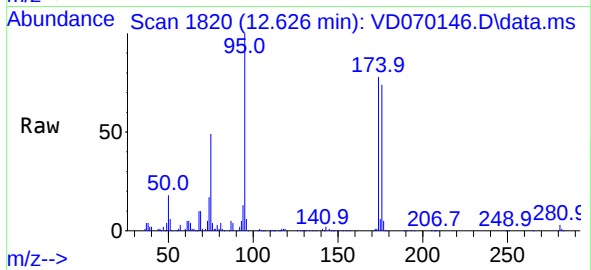
Tgt Ion: 75 Resp: 151468
Ion Ratio Lower Upper
75 100
77 1.6 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.338 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070146.D
 Acq: 19 Aug 2021 01:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-22-0003



Tgt Ion: 75 Resp: 151468

Ion	Ratio	Lower	Upper
75	100		
53	0.2	64.5	96.7#
89	0.0	33.7	50.5#

