

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070129.D
 Acq On : 18 Aug 2021 15:52
 Operator : VA/SY
 Sample : M3435-07
 Misc : 3.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-21-0204

Quant Time: Aug 19 07:31:22 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)

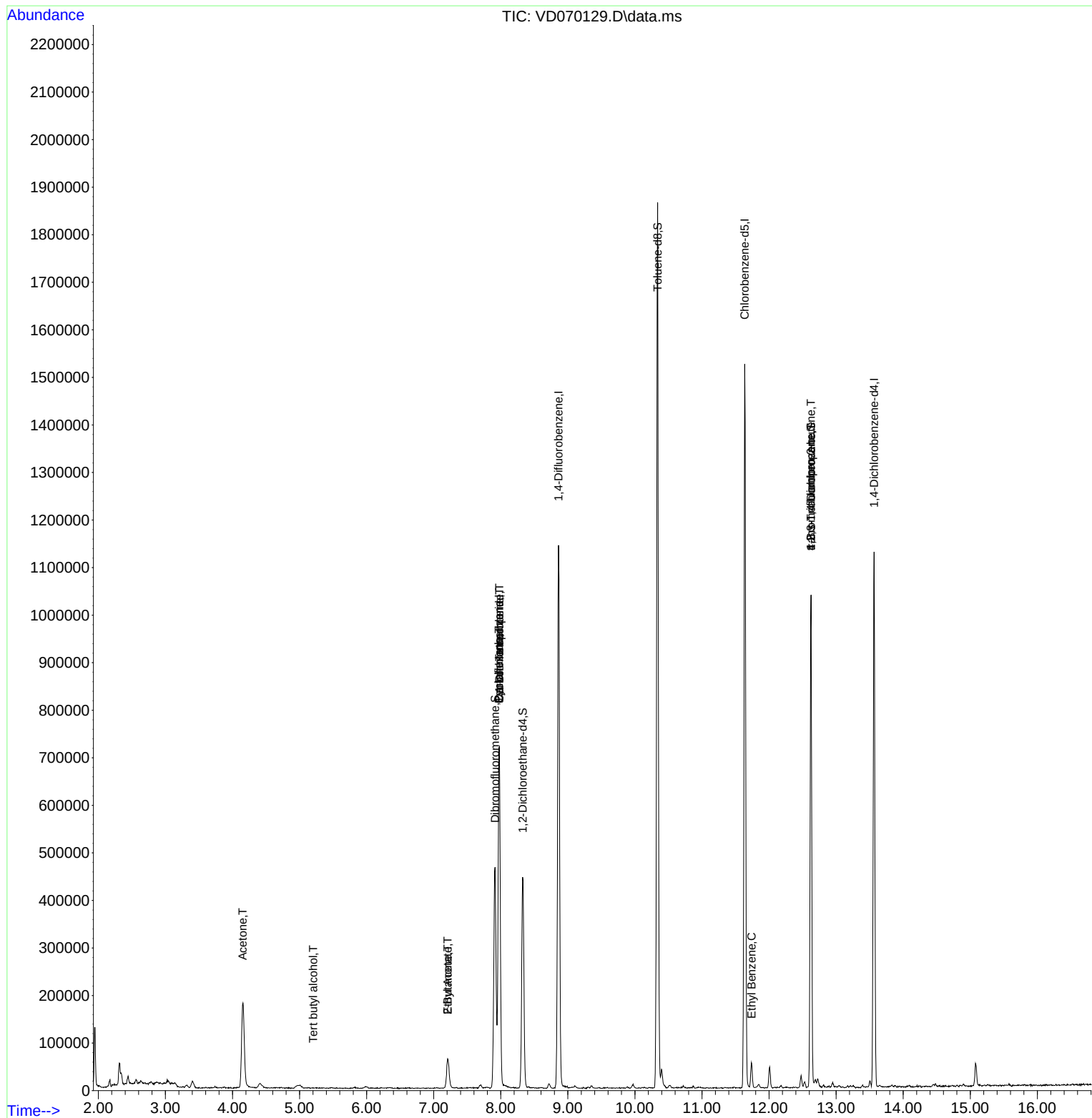
Internal Standards						
1) Pentafluorobenzene	7.973	168	514645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	982014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	892398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	351226	58.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.914	113	344578	54.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.620%
50) Toluene-d8	10.338	98	1243497	50.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.626	95	356618	43.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.760%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	690	Below Cal		88
3) Chloromethane	2.209	50	1275	Below Cal		90
5) Bromomethane	2.779	94	2318	Below Cal	#	80
11) Tert butyl alcohol	5.203	59	834	2.493	ug/l #	71
16) Acetone	4.150	43	315006	282.499	ug/l	96
20) Methylene Chloride	4.967	84	3655	Below Cal	#	77
25) 2-Butanone	7.208	43	96416	63.279	ug/l	94
31) Cyclohexane	7.973	56	13357	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	44945	4.254	ug/l #	49
37) Ethyl Acetate	7.208	43	96416	25.126	ug/l #	70
38) Carbon Tetrachloride	7.979	117	56885	5.931	ug/l #	14
67) Ethyl Benzene	11.738	91	35816	1.086	ug/l	93
76) 1,2,3-Trichloropropane	12.626	75	171442	55.651	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	171442	144.450	ug/l #	18

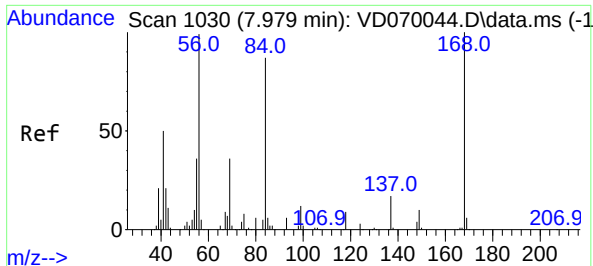
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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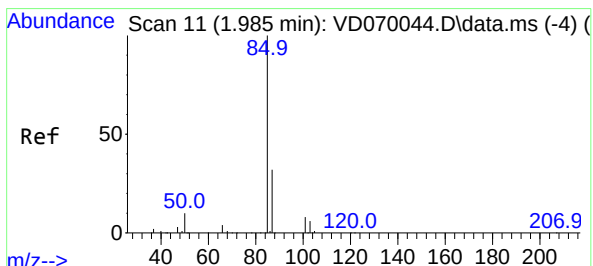
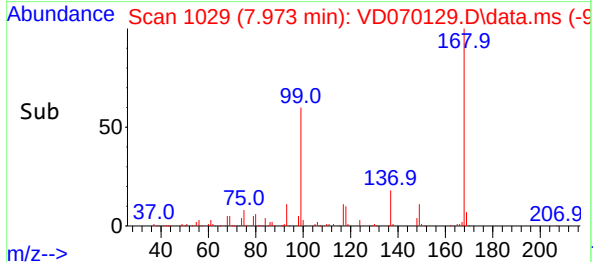
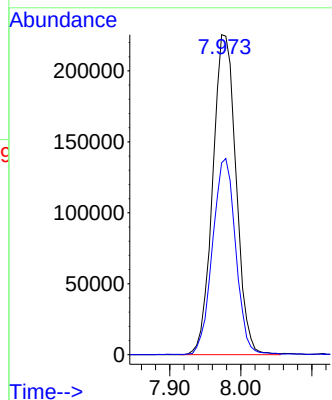
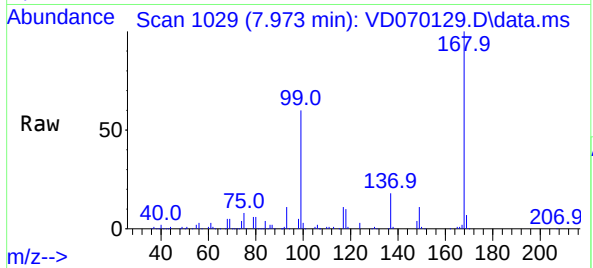




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

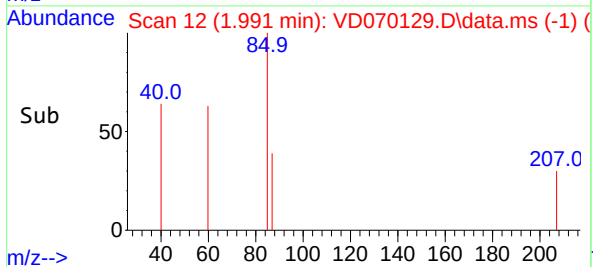
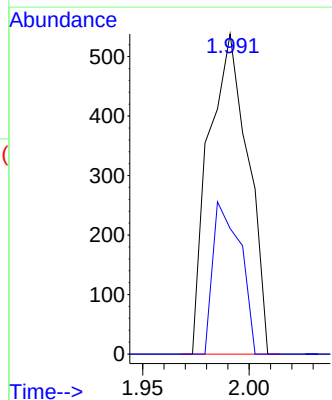
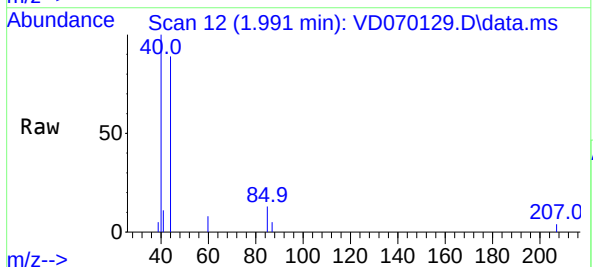
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

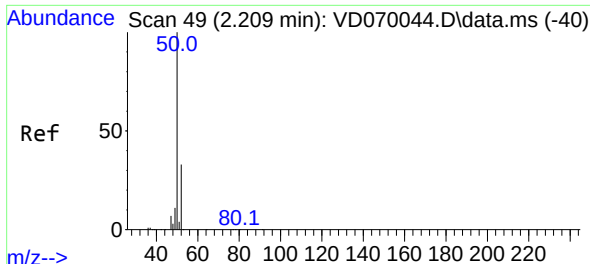
Tgt Ion:168 Resp: 514645
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 85 Resp: 690
Ion Ratio Lower Upper
85 100
87 39.2 16.2 48.6

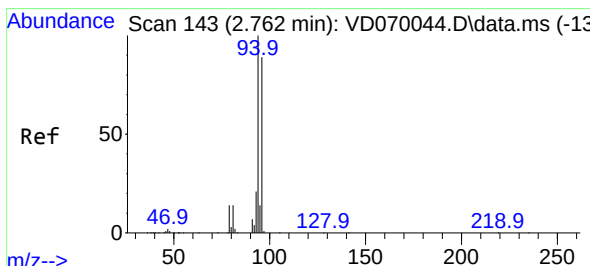
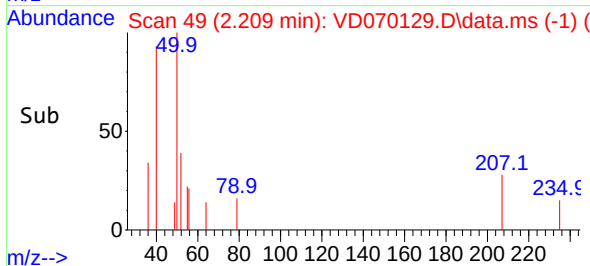
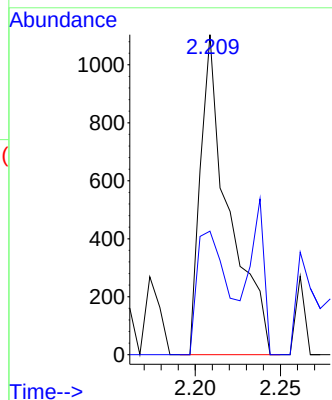
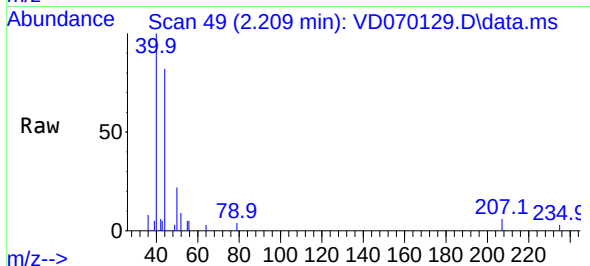




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

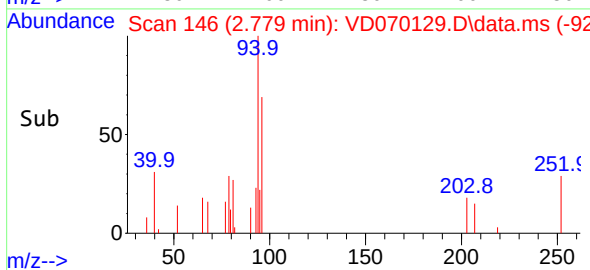
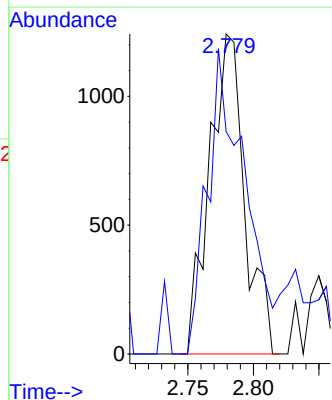
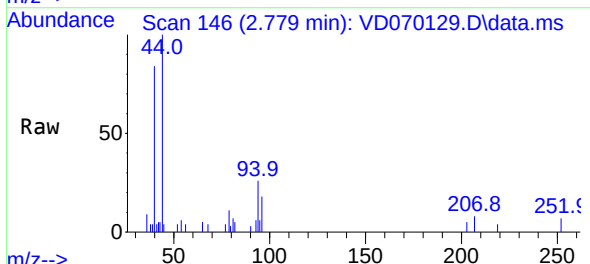
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

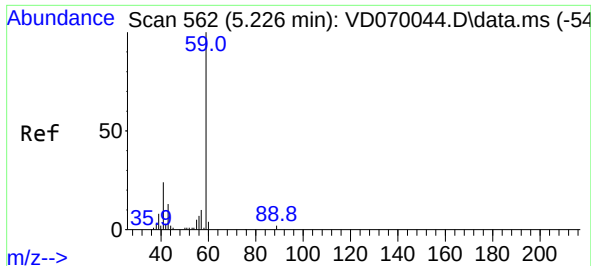
Tgt Ion: 50 Resp: 1275
Ion Ratio Lower Upper
50 100
52 38.6 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 94 Resp: 2318
Ion Ratio Lower Upper
94 100
96 69.5 70.9 106.3#



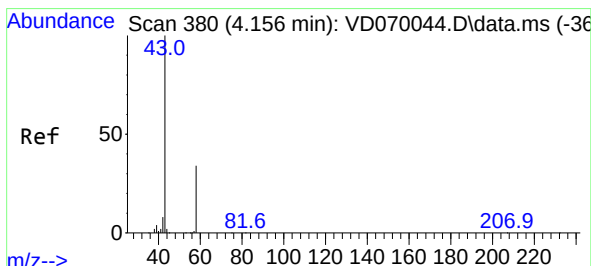
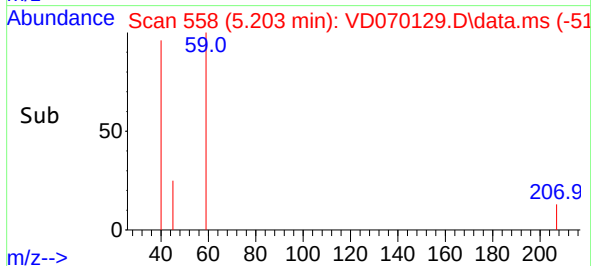
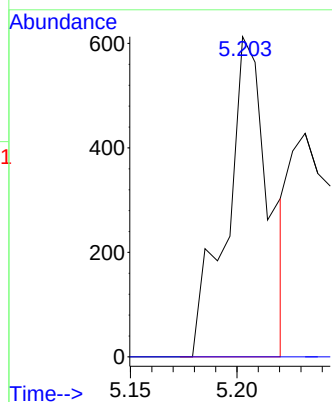
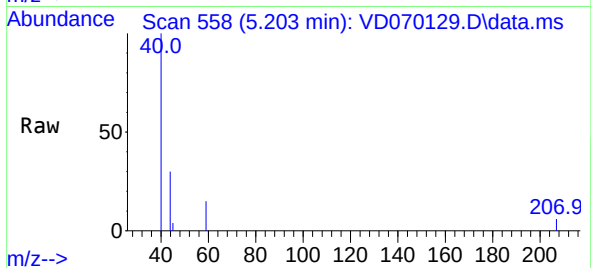


#11

Tert butyl alcohol
Concen: 2.493 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.024 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

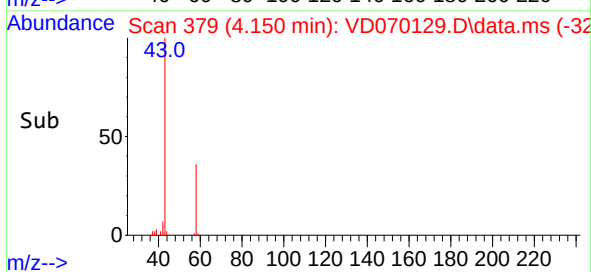
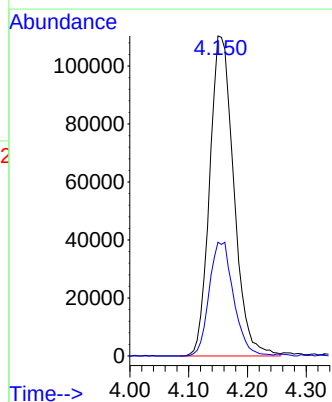
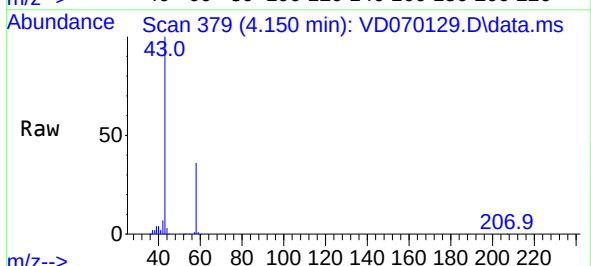
Tgt Ion: 59 Resp: 834
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

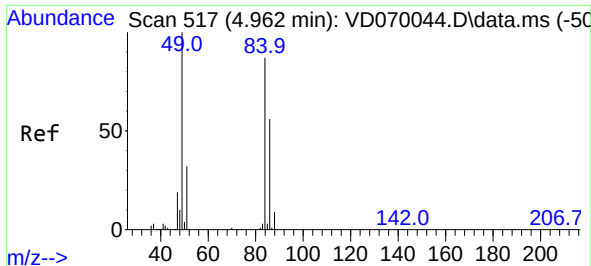


#16

Acetone
Concen: 282.499 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 43 Resp: 315006
Ion Ratio Lower Upper
43 100
58 35.5 26.8 40.2





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. 0.005 min

Lab File: VD070129.D

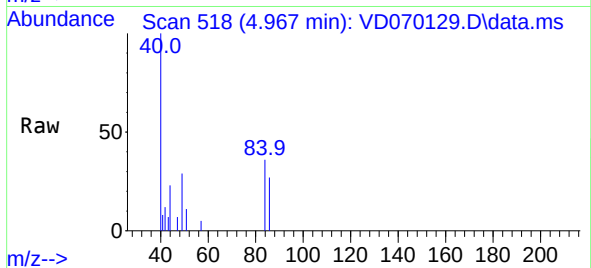
Acq: 18 Aug 2021 15:52

Instrument :

MSVOA_D

ClientSampleId :

SWCS-21-0204



Tgt Ion: 84 Resp: 3655

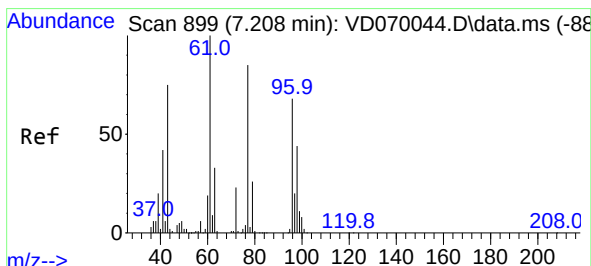
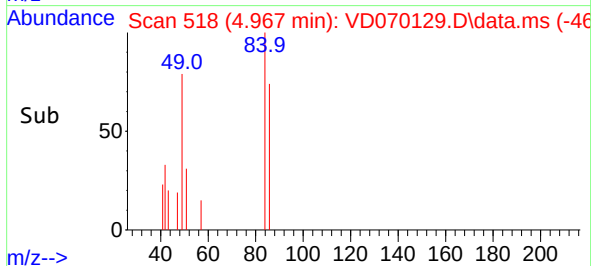
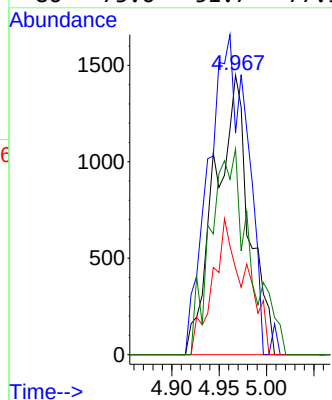
Ion Ratio Lower Upper

84 100

49 79.3 92.5 138.7#

51 30.9 29.7 44.5

86 73.6 51.7 77.5



#25

2-Butanone

Concen: 63.279 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070129.D

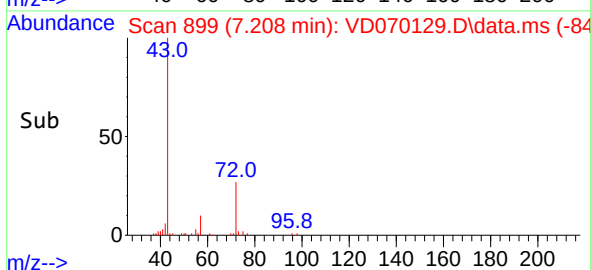
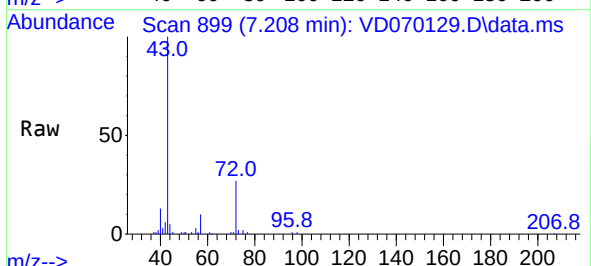
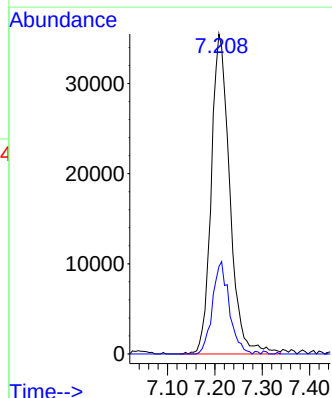
Acq: 18 Aug 2021 15:52

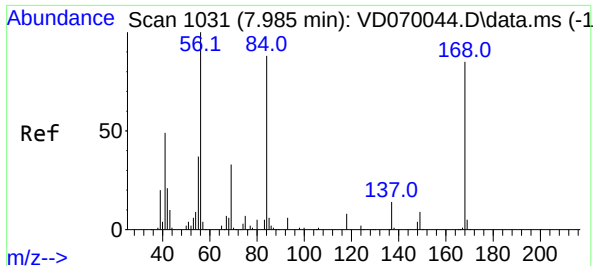
Tgt Ion: 43 Resp: 96416

Ion Ratio Lower Upper

43 100

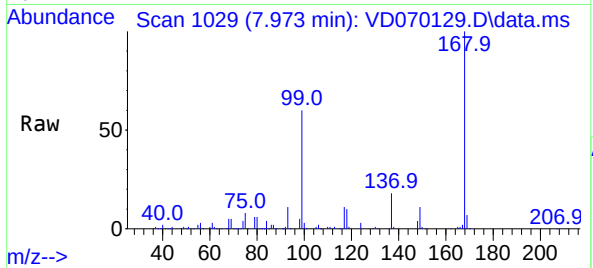
72 27.3 24.2 36.4



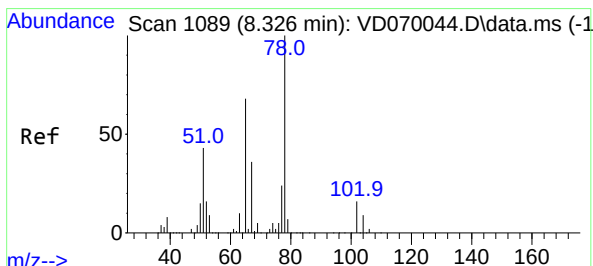
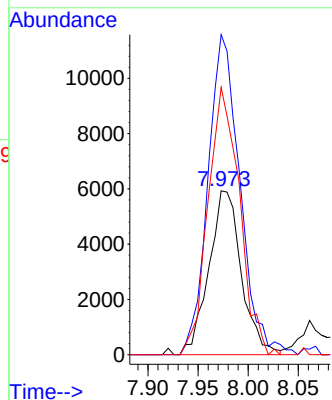
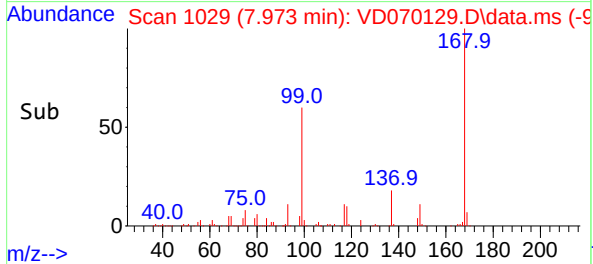


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

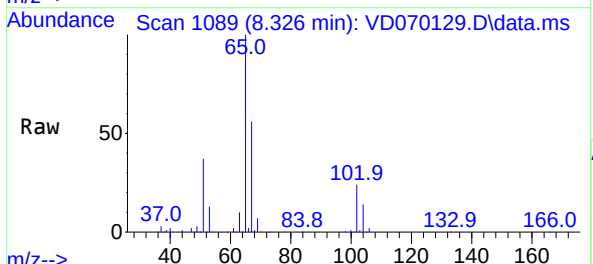
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204



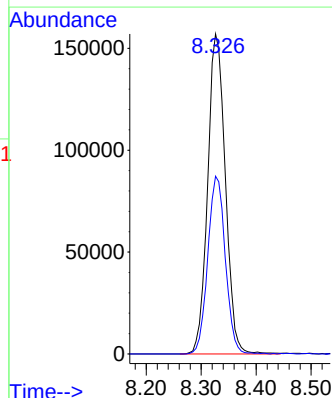
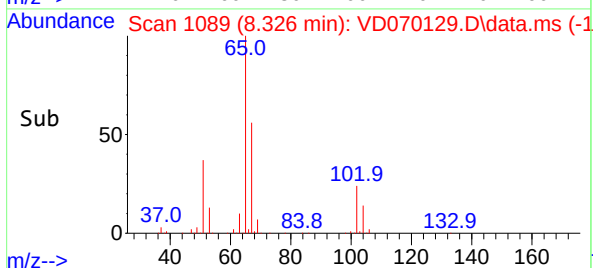
Tgt Ion: 56 Resp: 13357
Ion Ratio Lower Upper
56 100
69 195.3 26.7 40.1#
84 163.1 70.4 105.6#

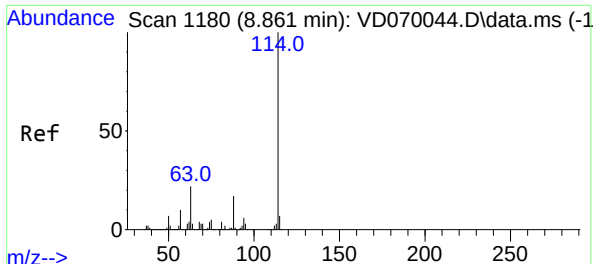


#33
1,2-Dichloroethane-d4
Concen: 58.025 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52



Tgt Ion: 65 Resp: 351226
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8



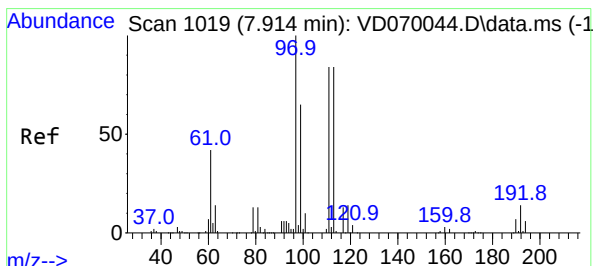
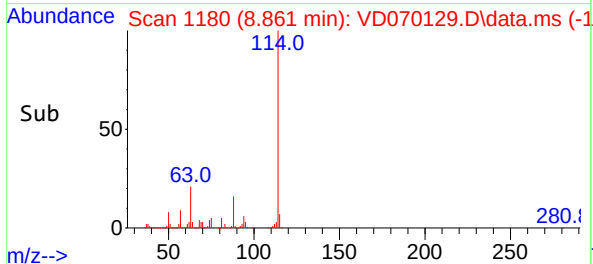
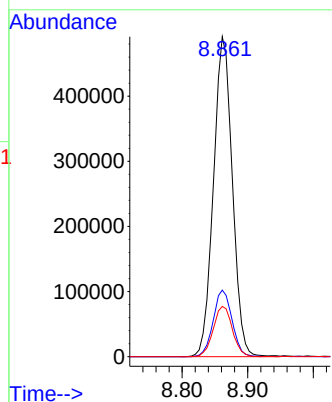
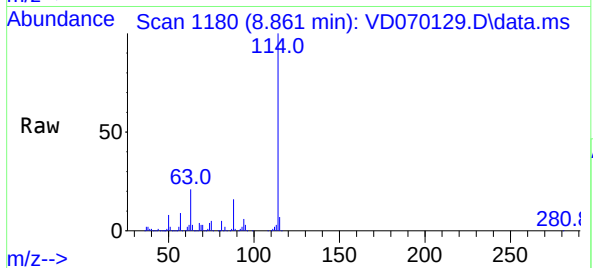


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Instrument :
MSVOA_D
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SWCS-21-0204

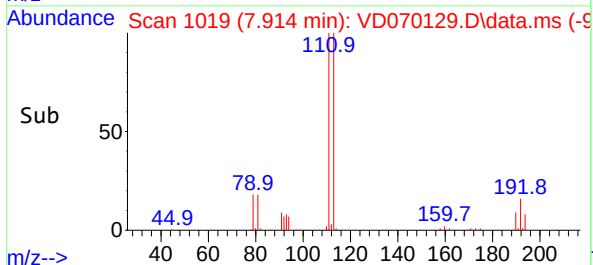
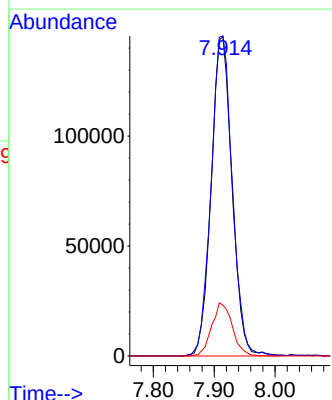
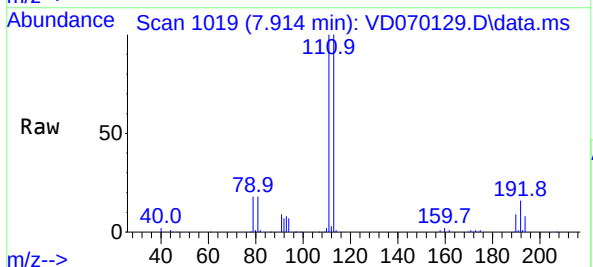
Tgt Ion:	114	Resp:	982014
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.6
88	15.7	0.0	33.4

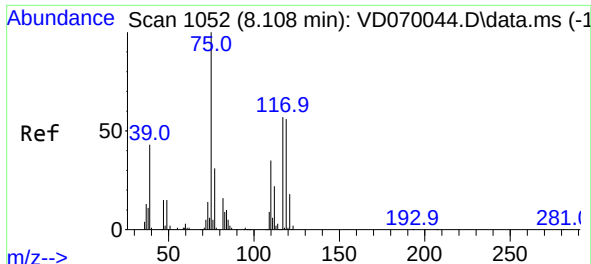


#35

Dibromofluoromethane
Concen: 54.312 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion:	113	Resp:	344578
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	16.5	13.2	19.8

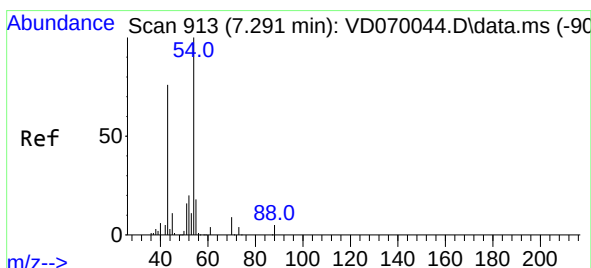
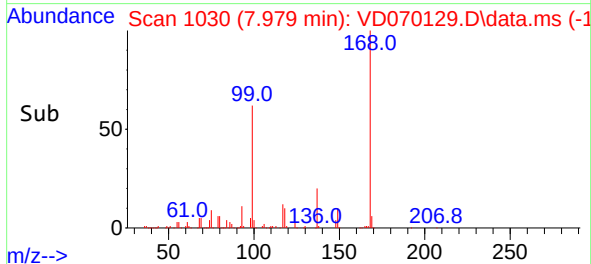
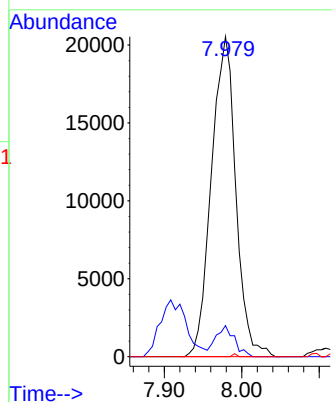
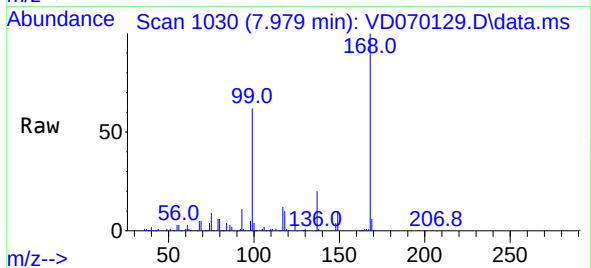




#36
1,1-Dichloropropene
Concen: 4.254 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

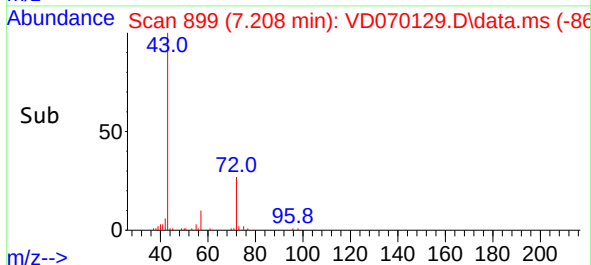
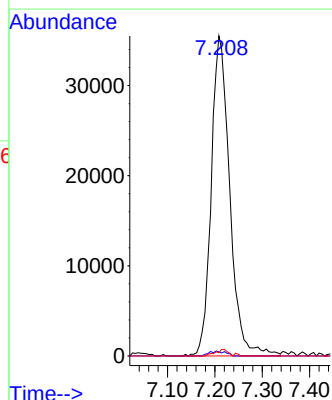
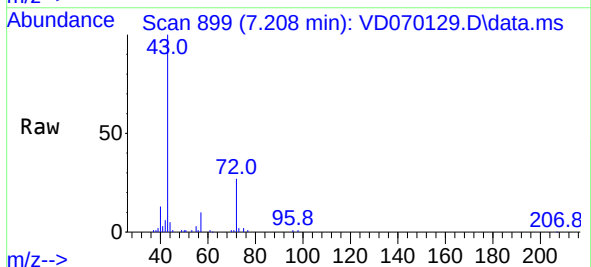
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

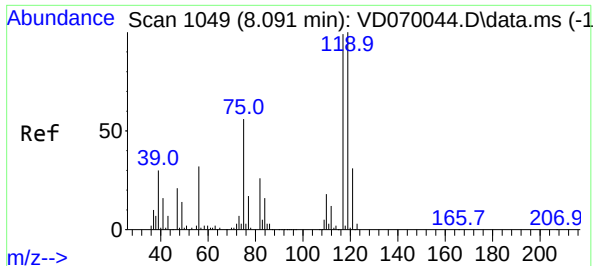
Tgt Ion: 75 Resp: 44945
Ion Ratio Lower Upper
75 100
110 7.4 16.9 50.7#
77 0.2 25.2 37.8#



#37
Ethyl Acetate
Concen: 25.126 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 43 Resp: 96416
Ion Ratio Lower Upper
43 100
61 1.3 11.8 17.6#
70 1.4 9.0 13.6#

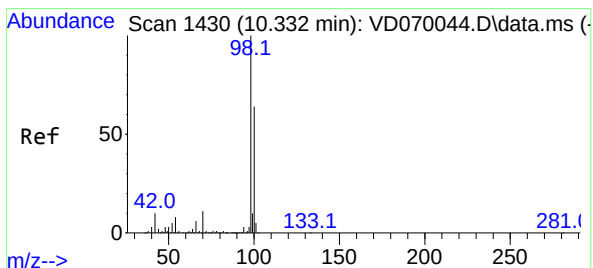
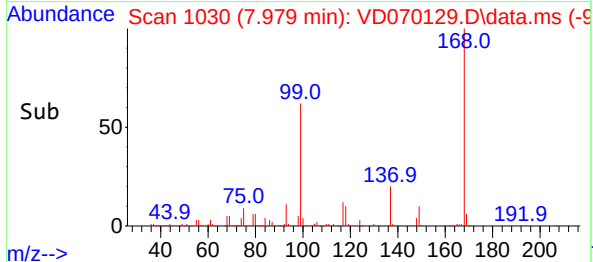
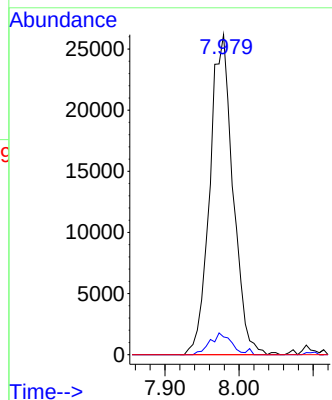
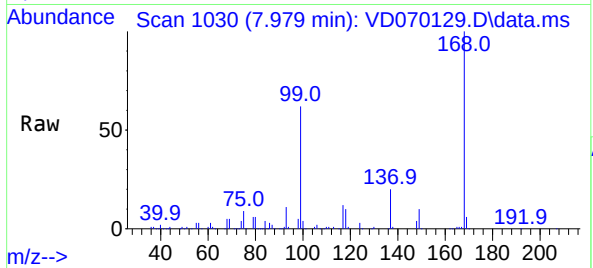




#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

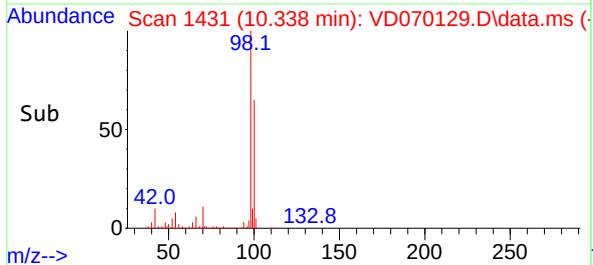
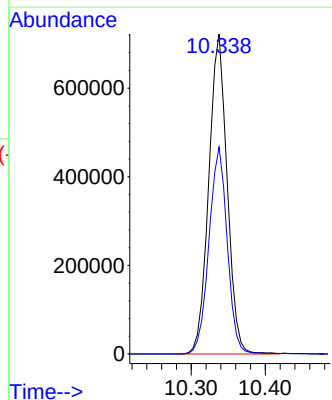
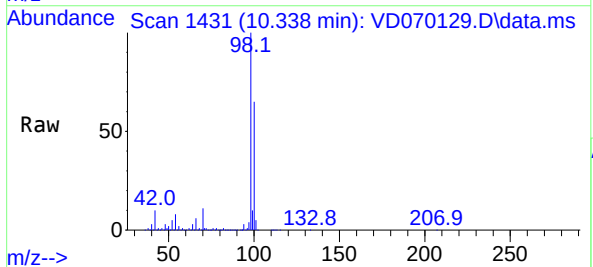
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

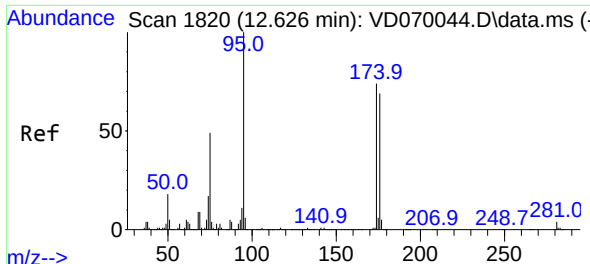
Tgt Ion:117 Resp: 56885
Ion Ratio Lower Upper
117 100
119 5.5 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.392 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 98 Resp: 1243497
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

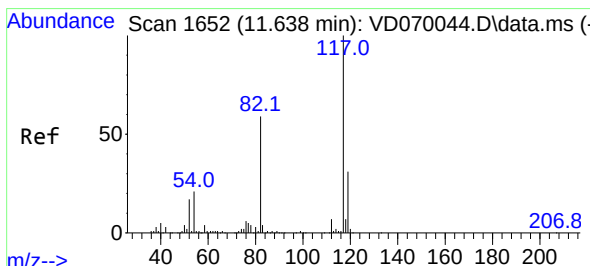
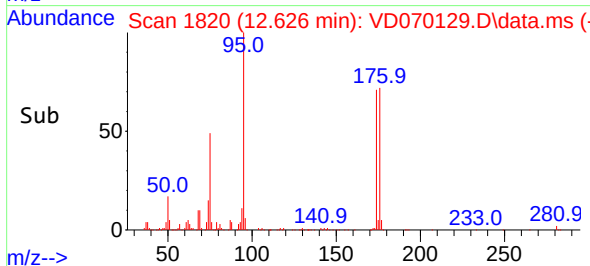
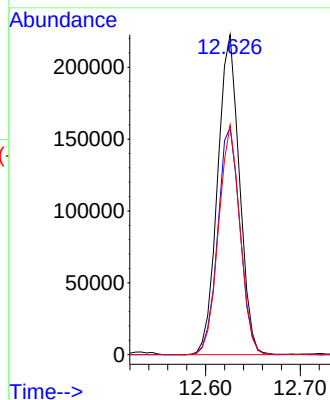
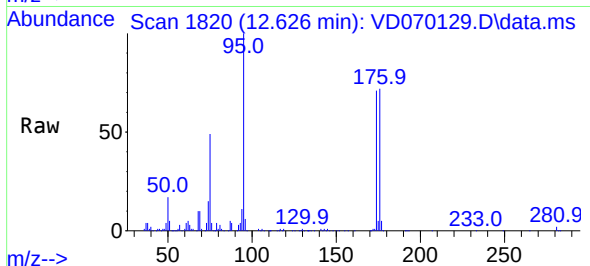




#62
4-Bromofluorobenzene
Concen: 43.877 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

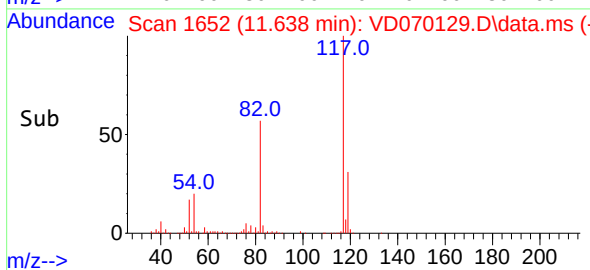
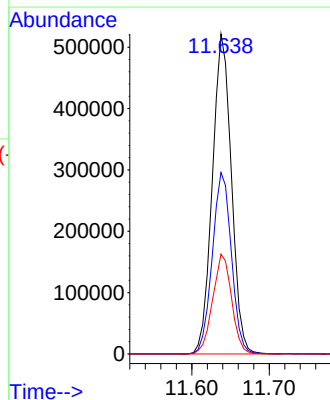
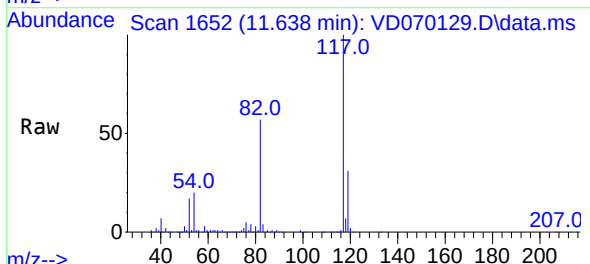
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

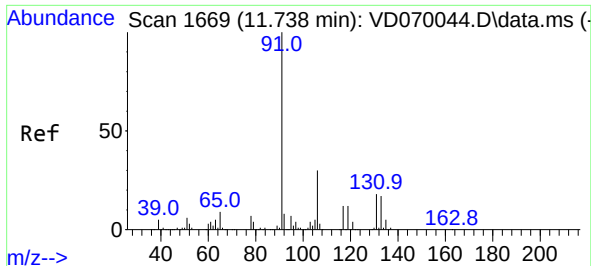
Tgt Ion: 95 Resp: 356618
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 117 Resp: 892398
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 31.2 25.1 37.7

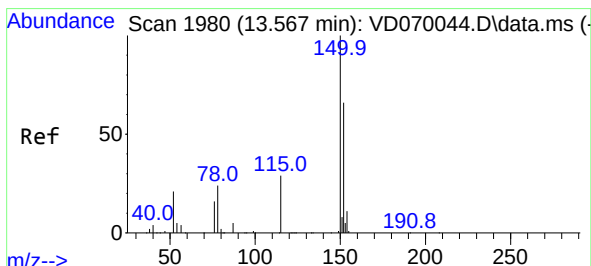
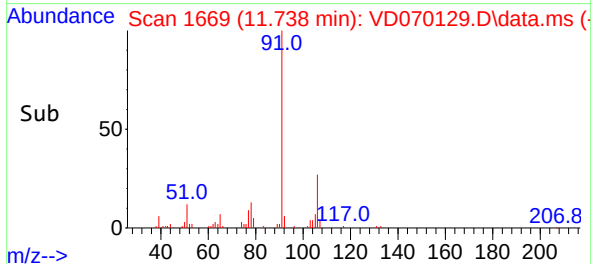
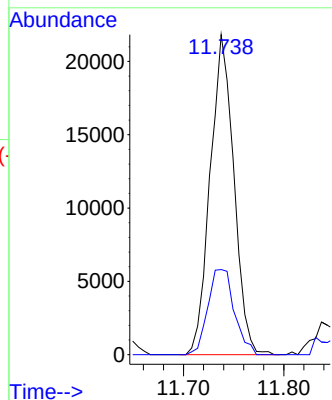
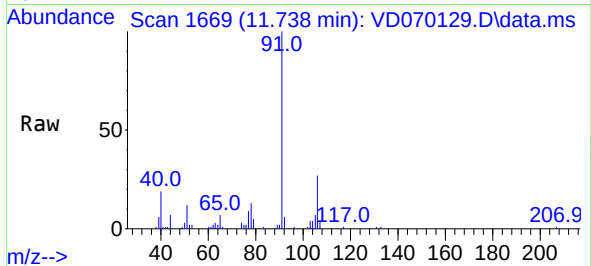




#67
Ethyl Benzene
Concen: 1.086 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

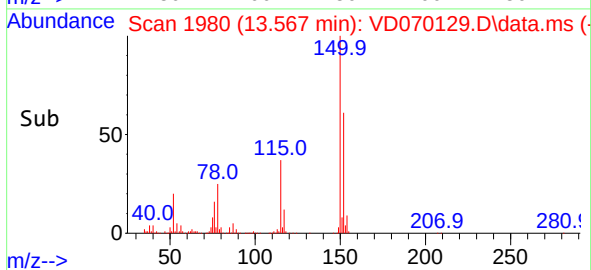
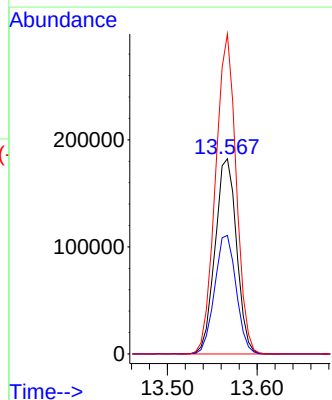
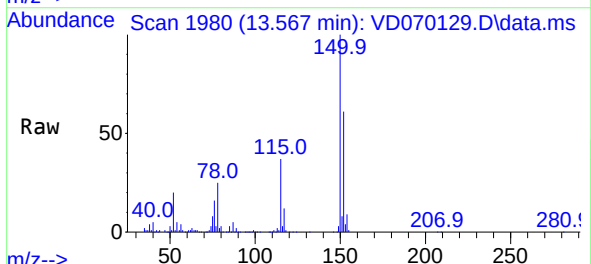
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

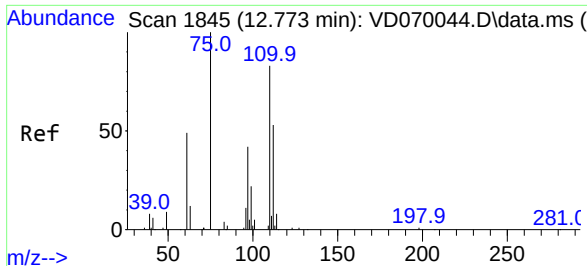
Tgt Ion: 91 Resp: 35816
Ion Ratio Lower Upper
91 100
106 26.6 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion:152 Resp: 303771
Ion Ratio Lower Upper
152 100
115 60.9 31.2 93.6
150 157.3 0.0 352.0

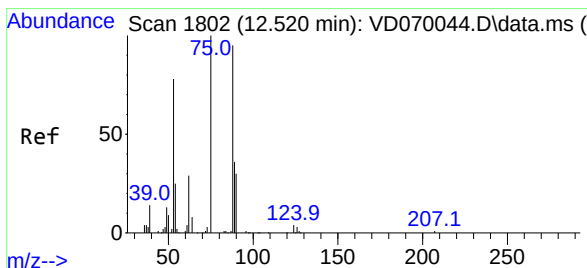
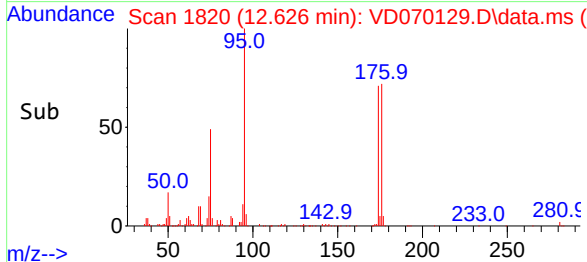
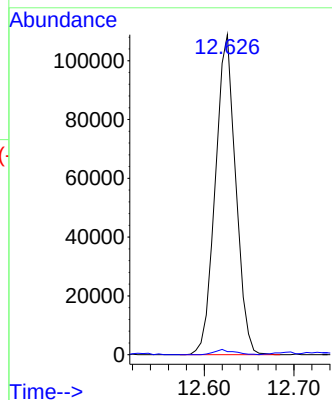
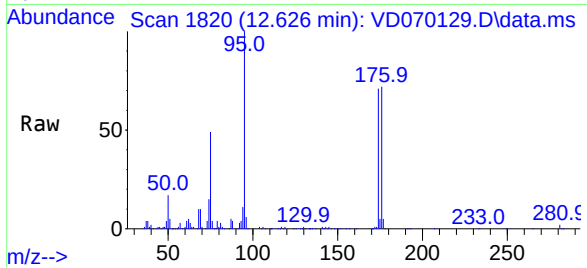




#76
1,2,3-Trichloropropane
Concen: 55.651 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

Tgt Ion: 75 Resp: 171442
Ion Ratio Lower Upper
75 100
77 1.6 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.450 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 75 Resp: 171442
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

