

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071547.D
 Acq On : 30 Dec 2021 14:18
 Operator : VA/SY
 Sample : M5239-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-123-1-10-37

Quant Time: Dec 30 15:33:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

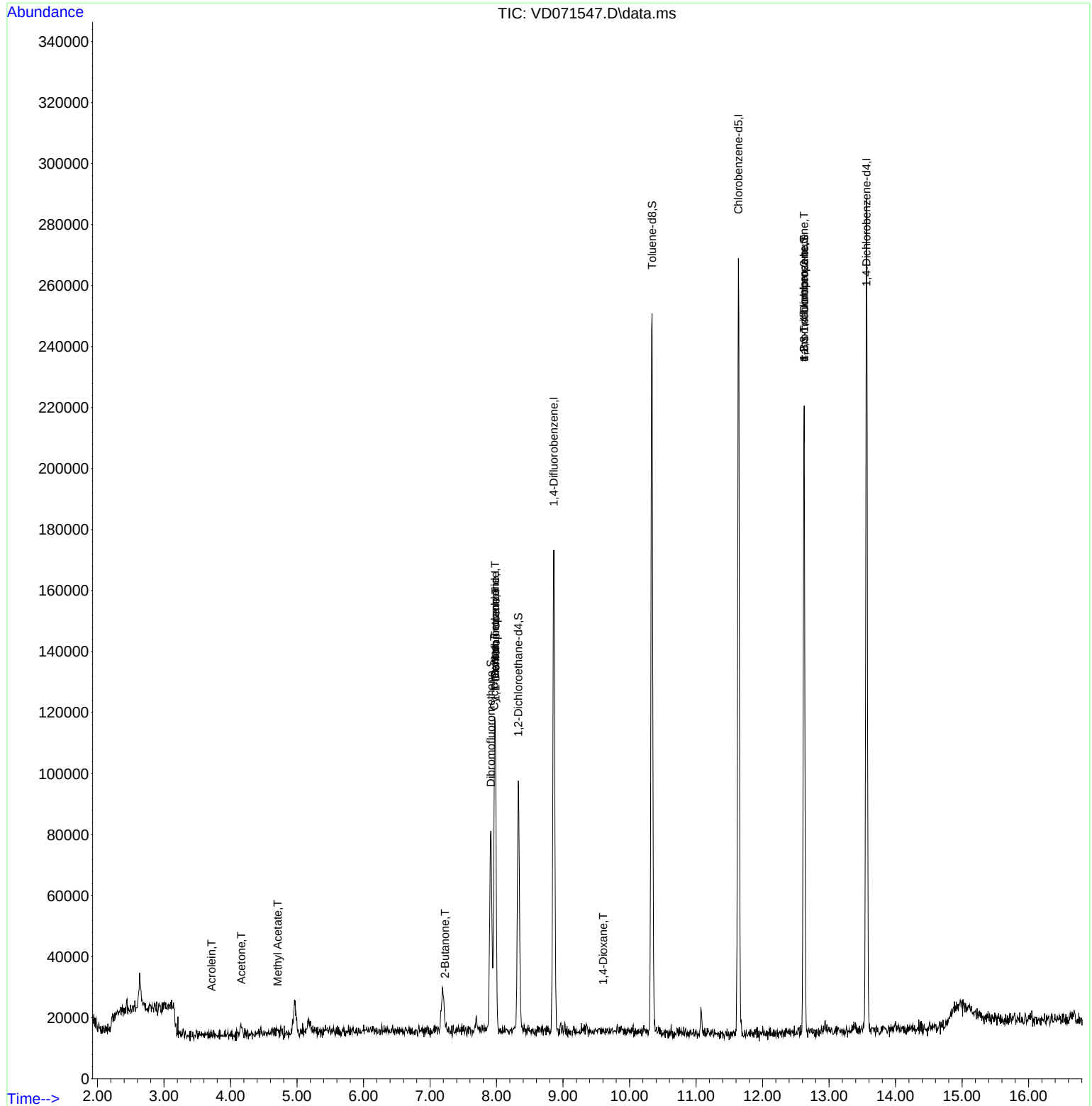
Internal Standards						
1) Pentafluorobenzene	7.979	168	73781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	125928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	133823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	66775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	63870	65.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.360%	
35) Dibromofluoromethane	7.914	113	46429	54.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.720%	
50) Toluene-d8	10.338	98	156376	48.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	12.626	95	63934	56.254	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.500%	
Target Compounds						
11) Tert butyl alcohol	5.173	59	2331	Below Cal	#	71
13) Acrolein	3.714	56	60	1.268	ug/l #	13
16) Acetone	4.161	43	4810	19.543	ug/l	100
18) Methyl Acetate	4.708	43	1670	2.198	ug/l	93
25) 2-Butanone	7.226	43	746	2.538	ug/l #	45
31) Cyclohexane	7.967	56	2749	1.651	ug/l #	63
36) 1,1-Dichloropropene	7.985	75	7151	5.289	ug/l #	50
38) Carbon Tetrachloride	7.979	117	8115	6.083	ug/l #	22
49) 1,4-Dioxane	9.602	88	94	15.963	ug/l #	30
76) 1,2,3-Trichloropropane	12.626	75	35809	45.133	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	35809	127.525	ug/l #	18

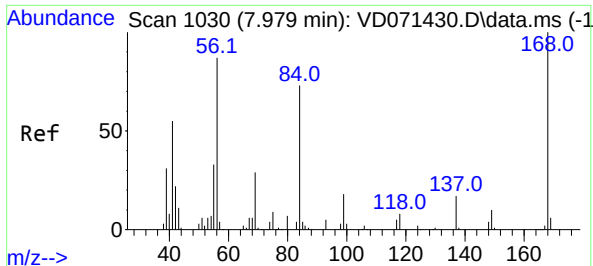
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071547.D
Acq On : 30 Dec 2021 14:18
Operator : VA/SY
Sample : M5239-03
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

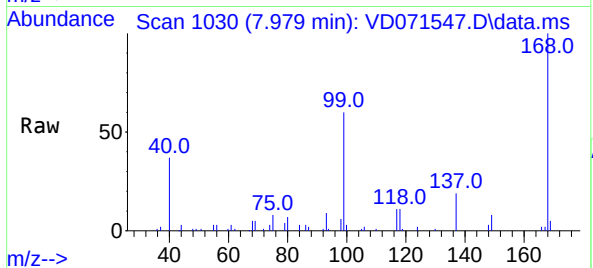
Quant Time: Dec 30 15:33:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



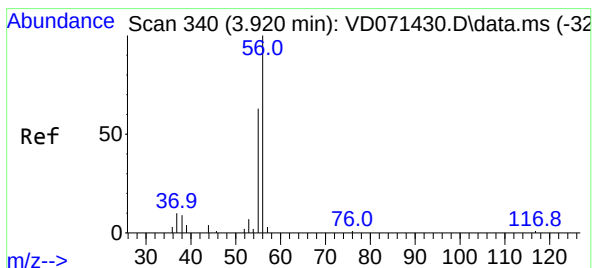
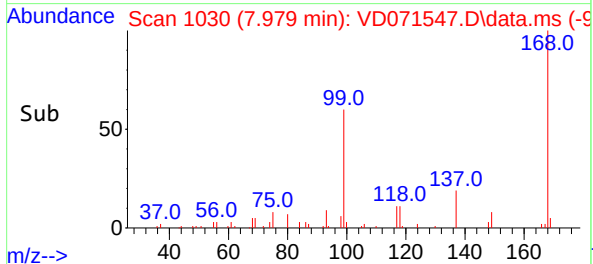
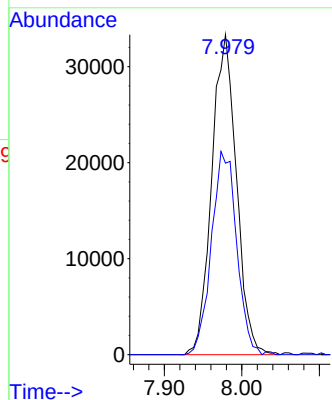


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

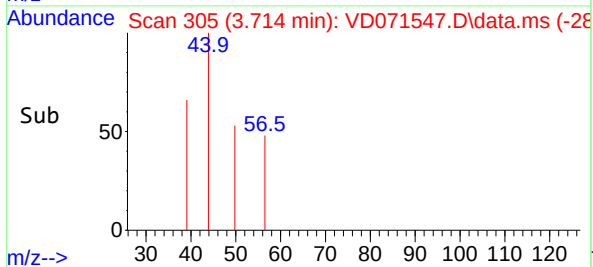
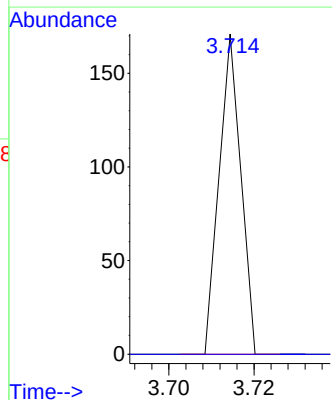
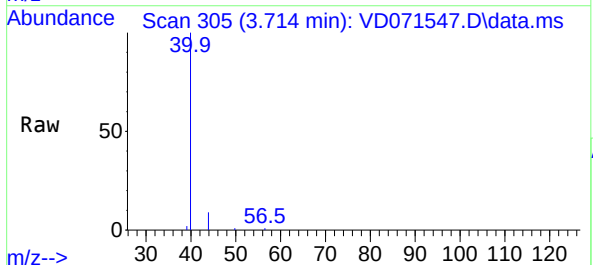


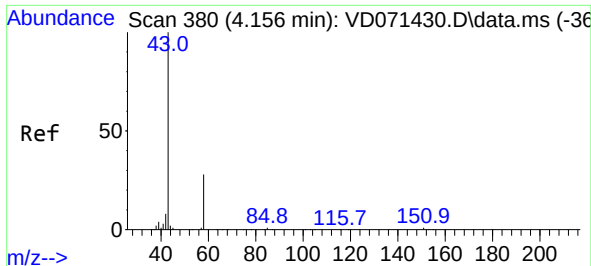
Tgt Ion:168 Resp: 73781
Ion Ratio Lower Upper
168 100
99 59.8 46.6 69.8



#13
Acrolein
Concen: 1.268 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.200 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#

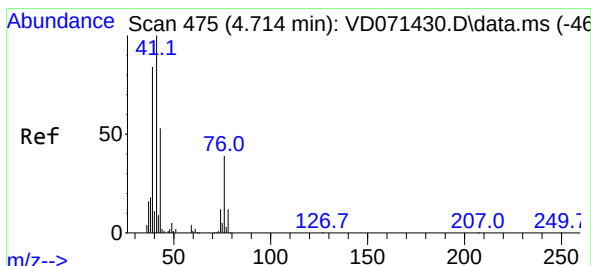
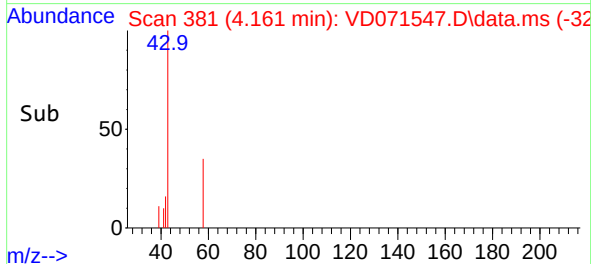
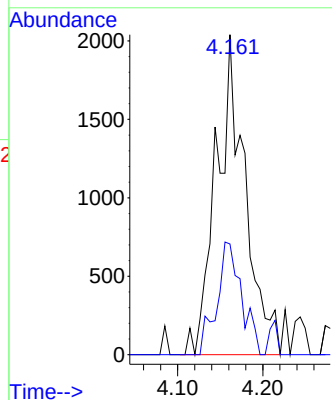
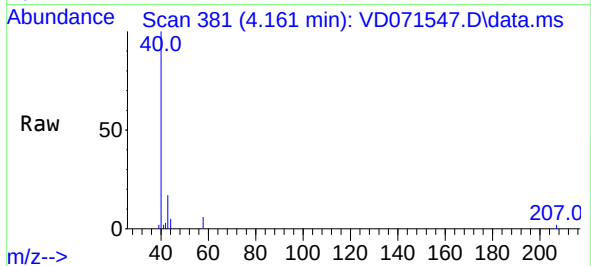




#16
Acetone
Concen: 19.543 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

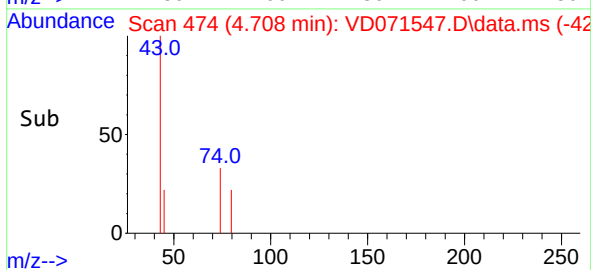
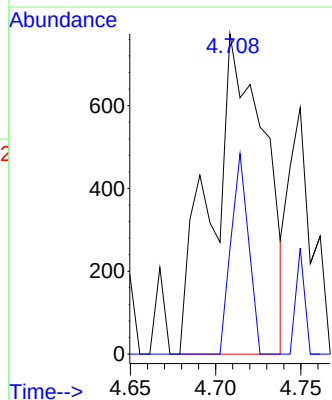
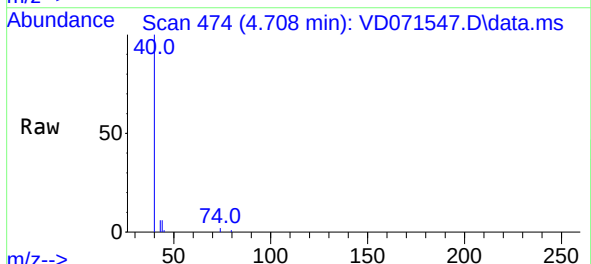
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

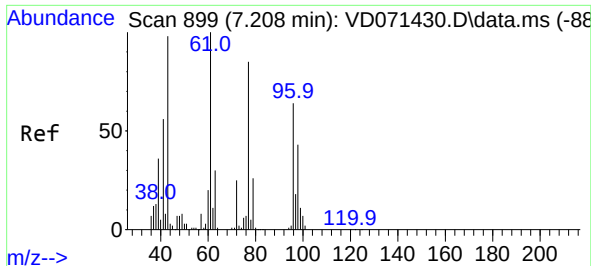
Tgt Ion: 43 Resp: 4810
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8



#18
Methyl Acetate
Concen: 2.198 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
74 20.7 19.3 28.9

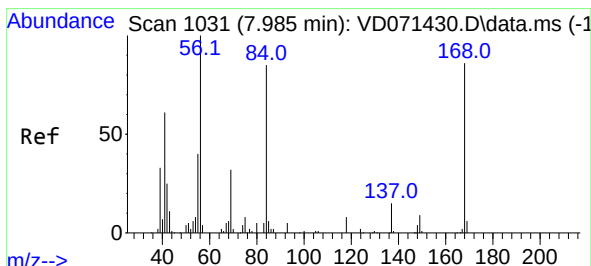
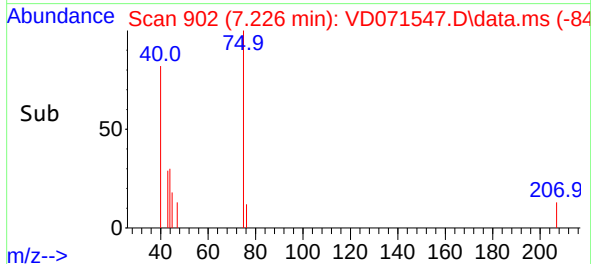
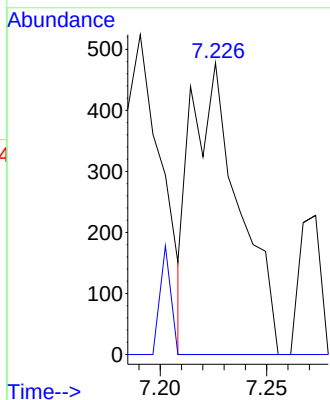
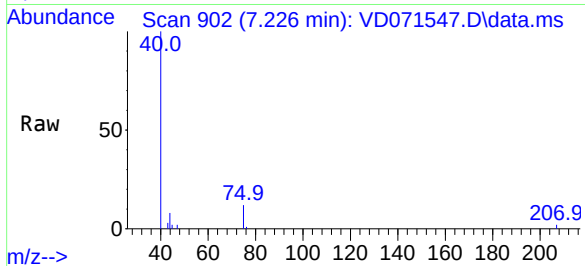




#25
2-Butanone
Concen: 2.538 ug/l
RT: 7.226 min Scan# 90
Delta R.T. 0.018 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

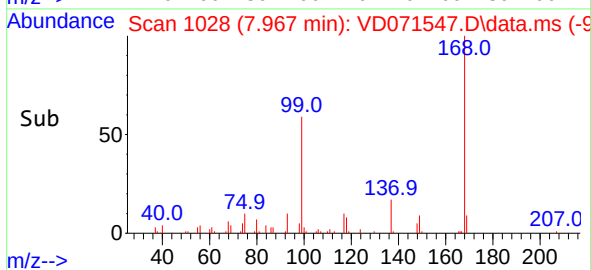
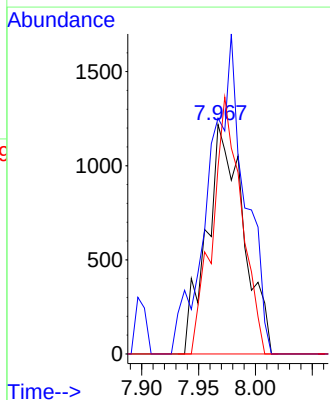
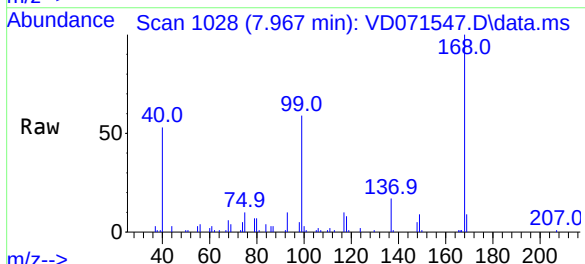
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

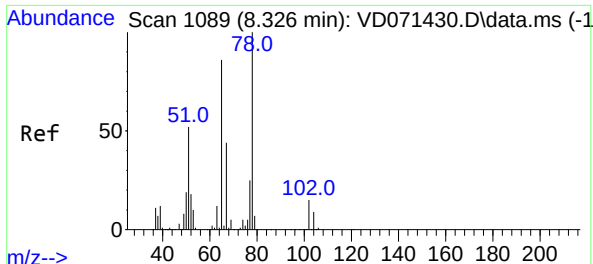
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.651 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Tgt Ion: 56 Resp: 2749
Ion Ratio Lower Upper
56 100
69 102.8 25.9 38.9#
84 81.5 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 65.182 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071547.D

Acq: 30 Dec 2021 14:18

Instrument :

MSVOA_D

ClientSampleId :

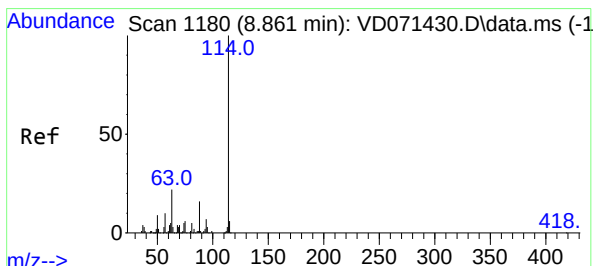
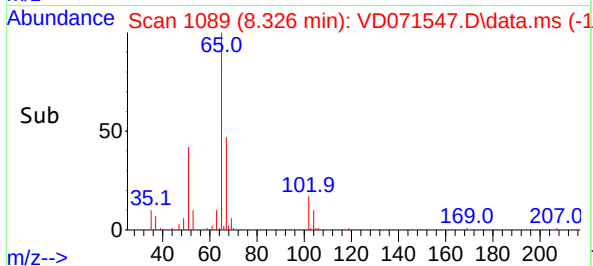
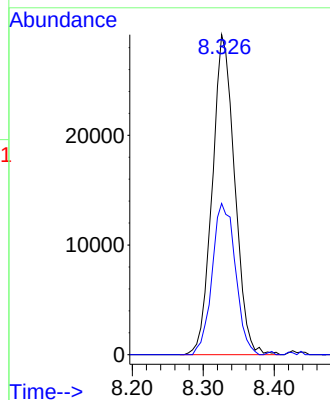
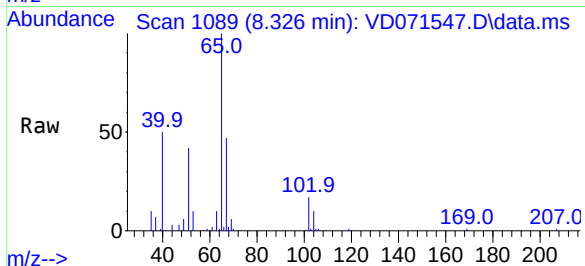
SASP2-123-1-10-37

Tgt Ion: 65 Resp: 63870

Ion Ratio Lower Upper

65 100

67 49.0 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071547.D

Acq: 30 Dec 2021 14:18

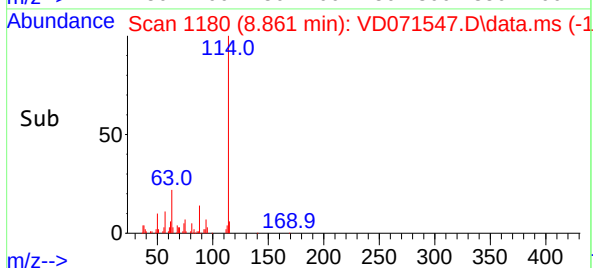
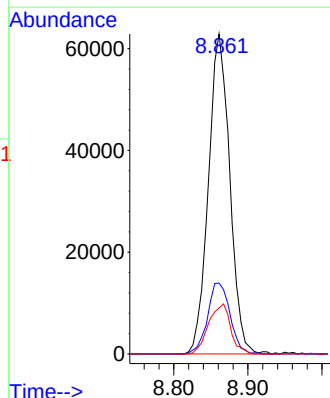
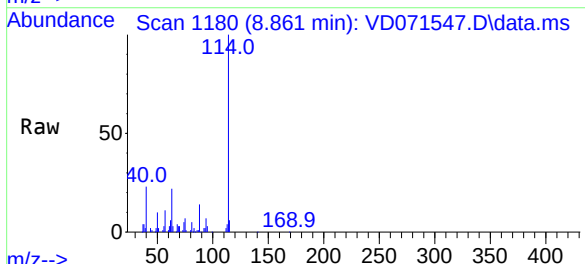
Tgt Ion:114 Resp: 125928

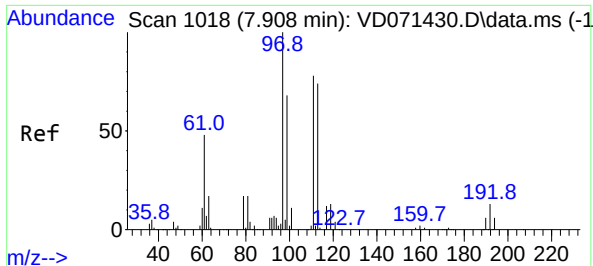
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 14.3 0.0 32.8

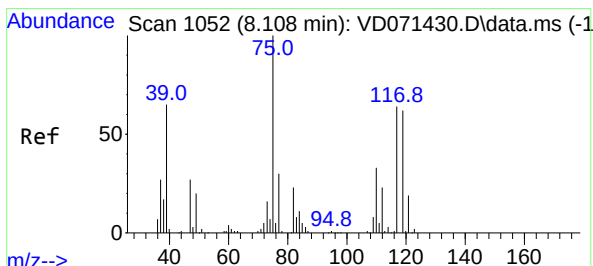
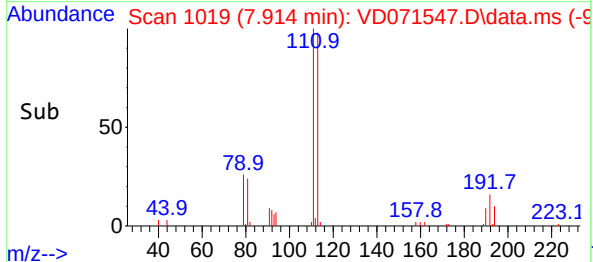
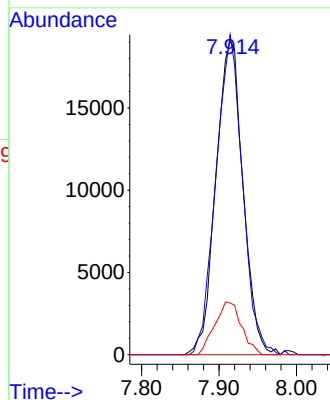
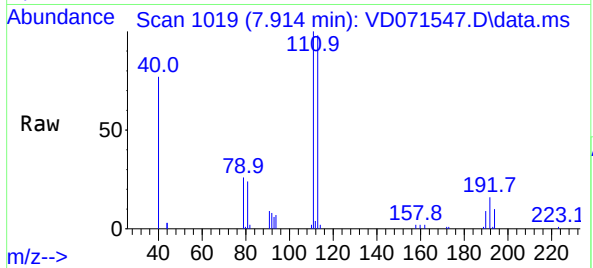




#35
Dibromofluoromethane
Concen: 54.859 ug/l
RT: 7.914 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

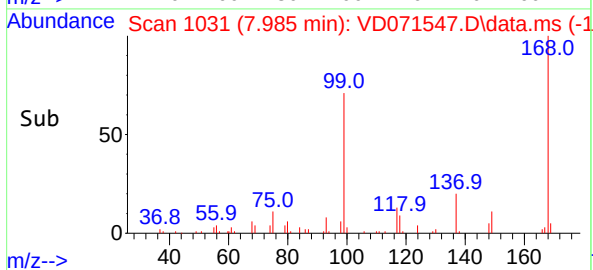
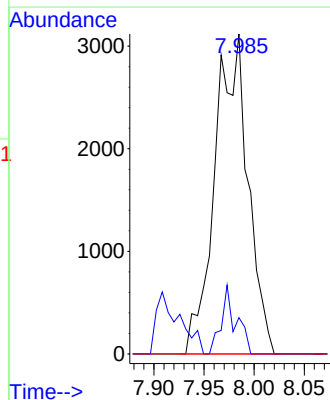
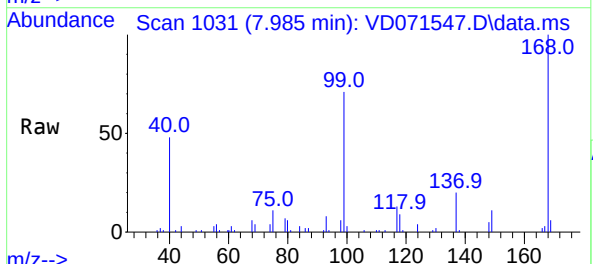
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

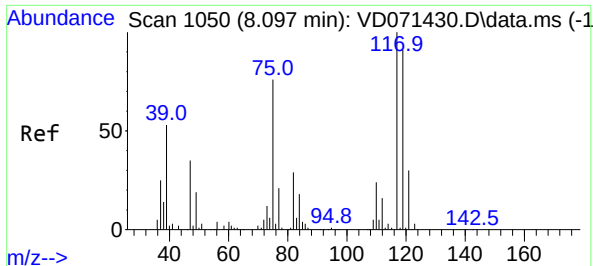
Tgt Ion:113 Resp: 46429
Ion Ratio Lower Upper
113 100
111 100.0 82.0 123.0
192 16.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.289 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

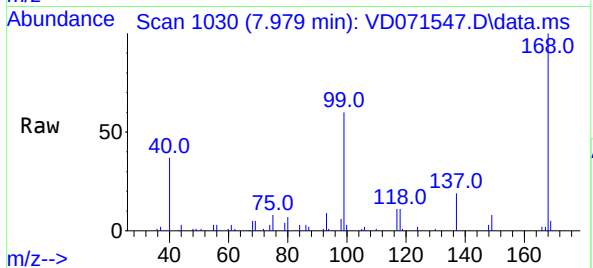
Tgt Ion: 75 Resp: 7151
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.4#
77 0.0 24.8 37.2#



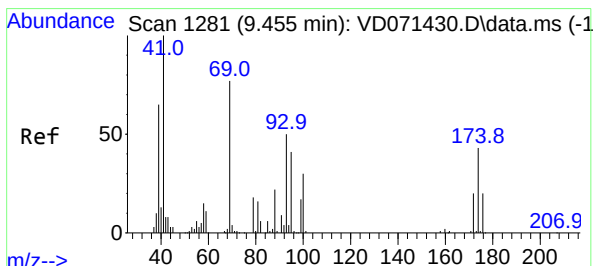
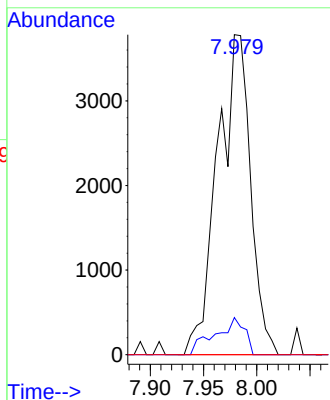
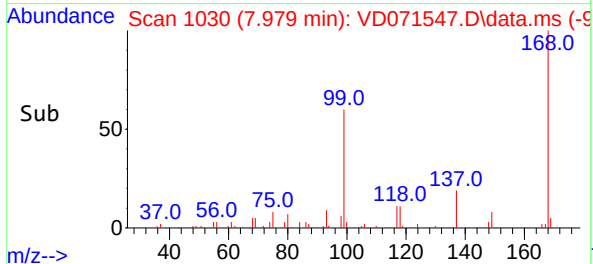


#38
Carbon Tetrachloride
Concen: 6.083 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

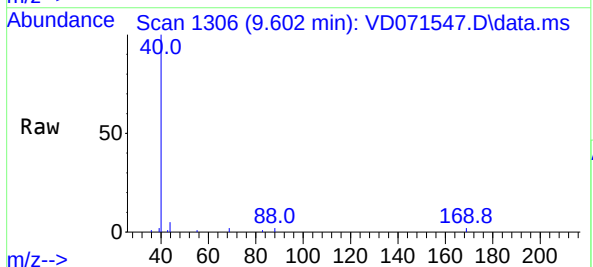
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37



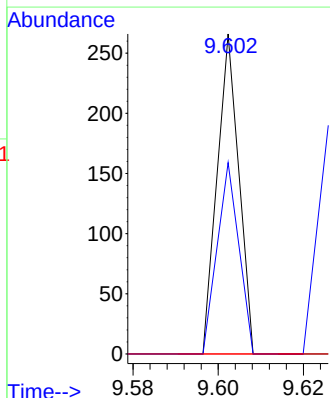
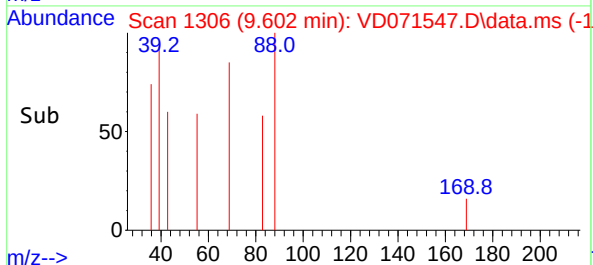
Tgt Ion:117 Resp: 8115
Ion Ratio Lower Upper
117 100
119 11.6 75.8 113.6#
121 0.0 23.6 35.4#

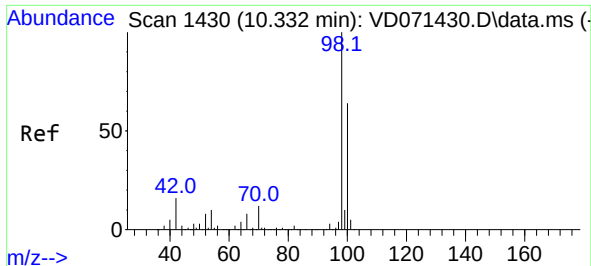


#49
1,4-Dioxane
Concen: 15.963 ug/l
RT: 9.602 min Scan# 1306
Delta R.T. 0.147 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18



Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 59.6 28.9 43.3#
58 0.0 56.3 84.5#

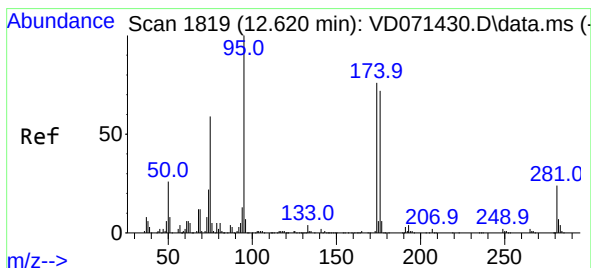
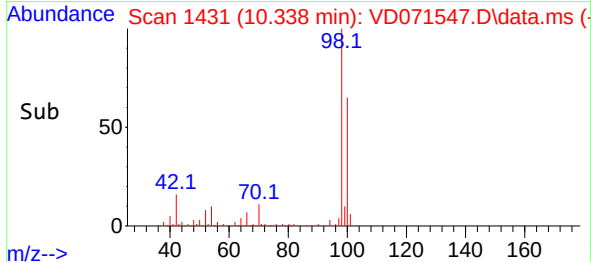
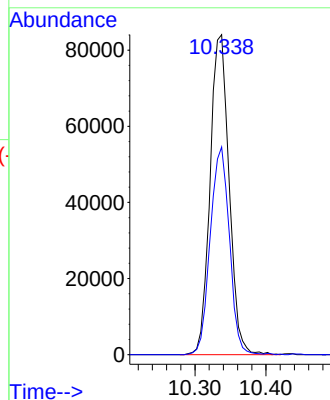
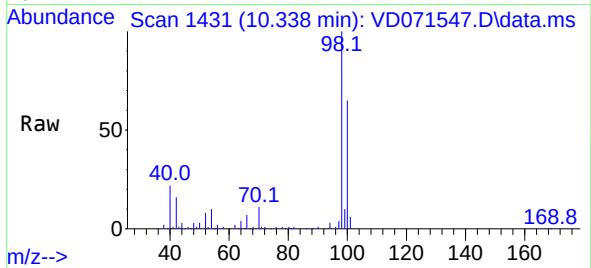




#50
Toluene-d8
Concen: 48.893 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

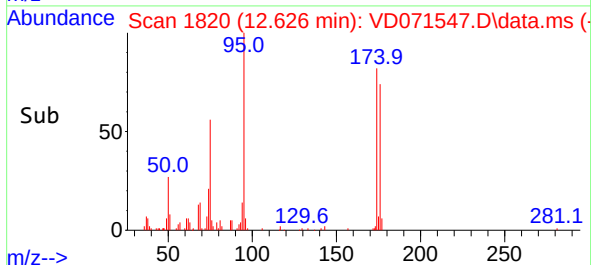
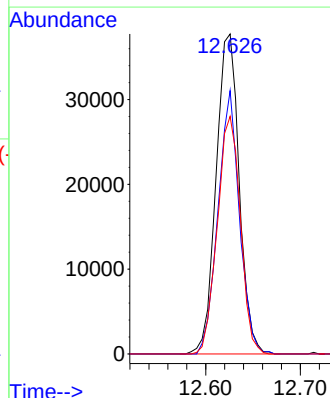
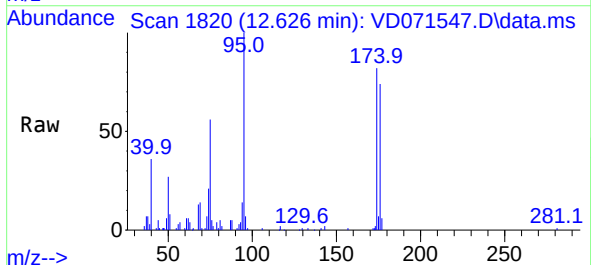
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

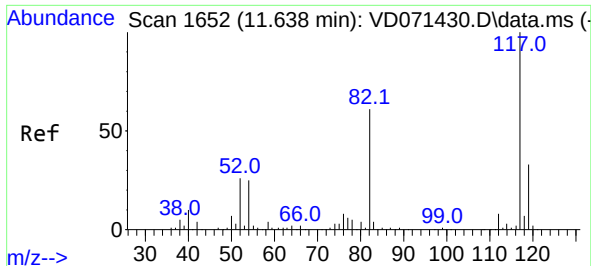
Tgt Ion: 98 Resp: 156376
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.254 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Tgt Ion: 95 Resp: 63934
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 73.9 0.0 154.0

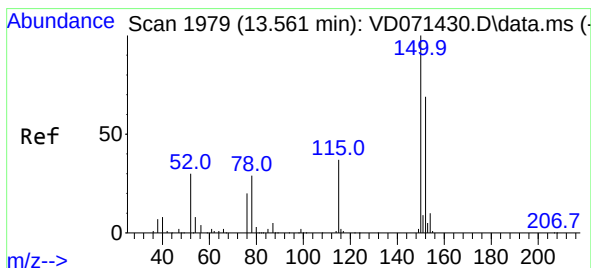
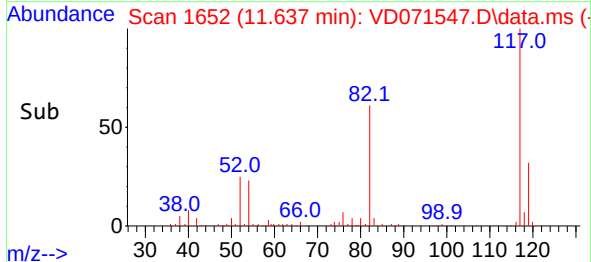
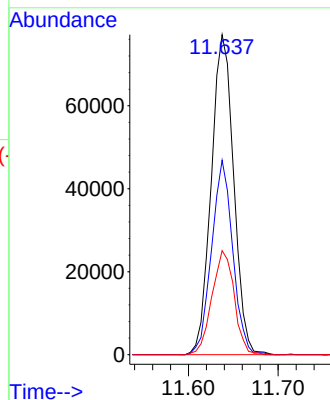
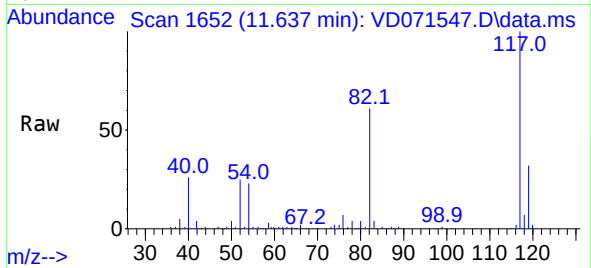




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

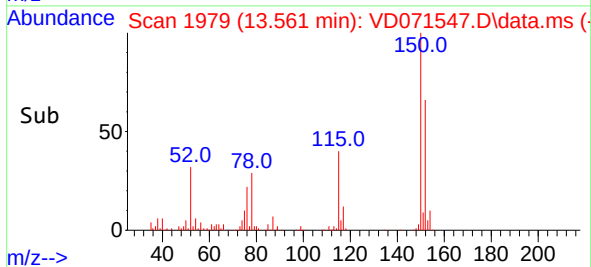
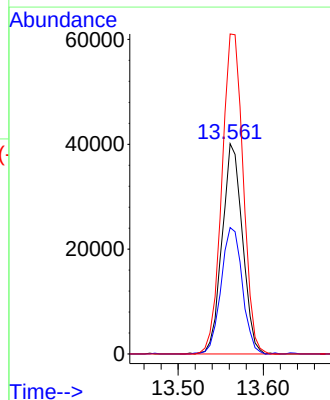
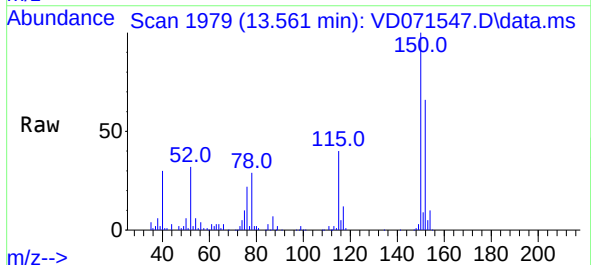
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

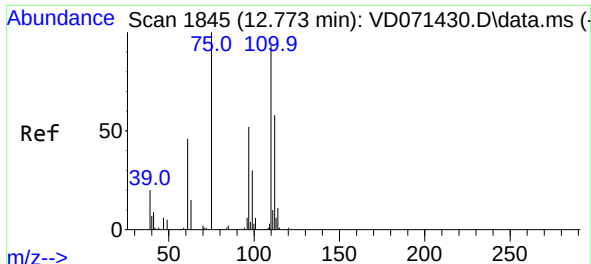
Tgt Ion:117 Resp: 133823
Ion Ratio Lower Upper
117 100
82 60.7 44.7 67.1
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Tgt Ion:152 Resp: 66775
Ion Ratio Lower Upper
152 100
115 62.7 29.8 89.3
150 158.6 0.0 349.2

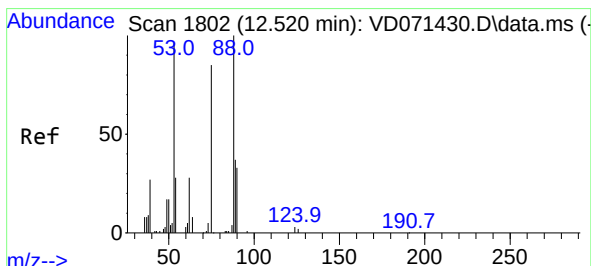
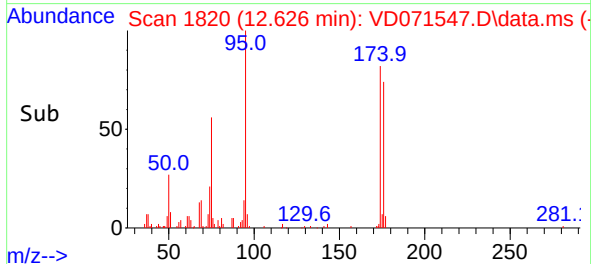
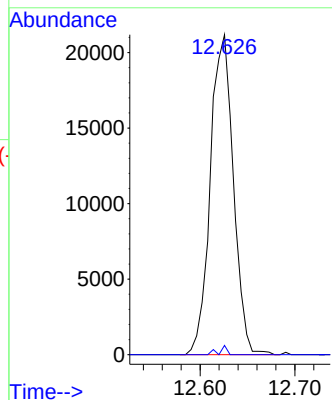
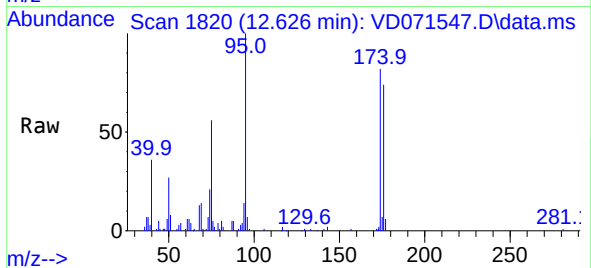




#76
1,2,3-Trichloropropane
Concen: 45.133 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

Tgt Ion: 75 Resp: 35809
Ion Ratio Lower Upper
75 100
77 0.9 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.525 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071547.D
Acq: 30 Dec 2021 14:18

Tgt Ion: 75 Resp: 35809
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#

