

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026170.D
 Acq On : 30 Dec 2021 16:00
 Operator : JC/MD
 Sample : M5207-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLUCE-WAY-122021

Quant Time: Dec 31 07:09:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

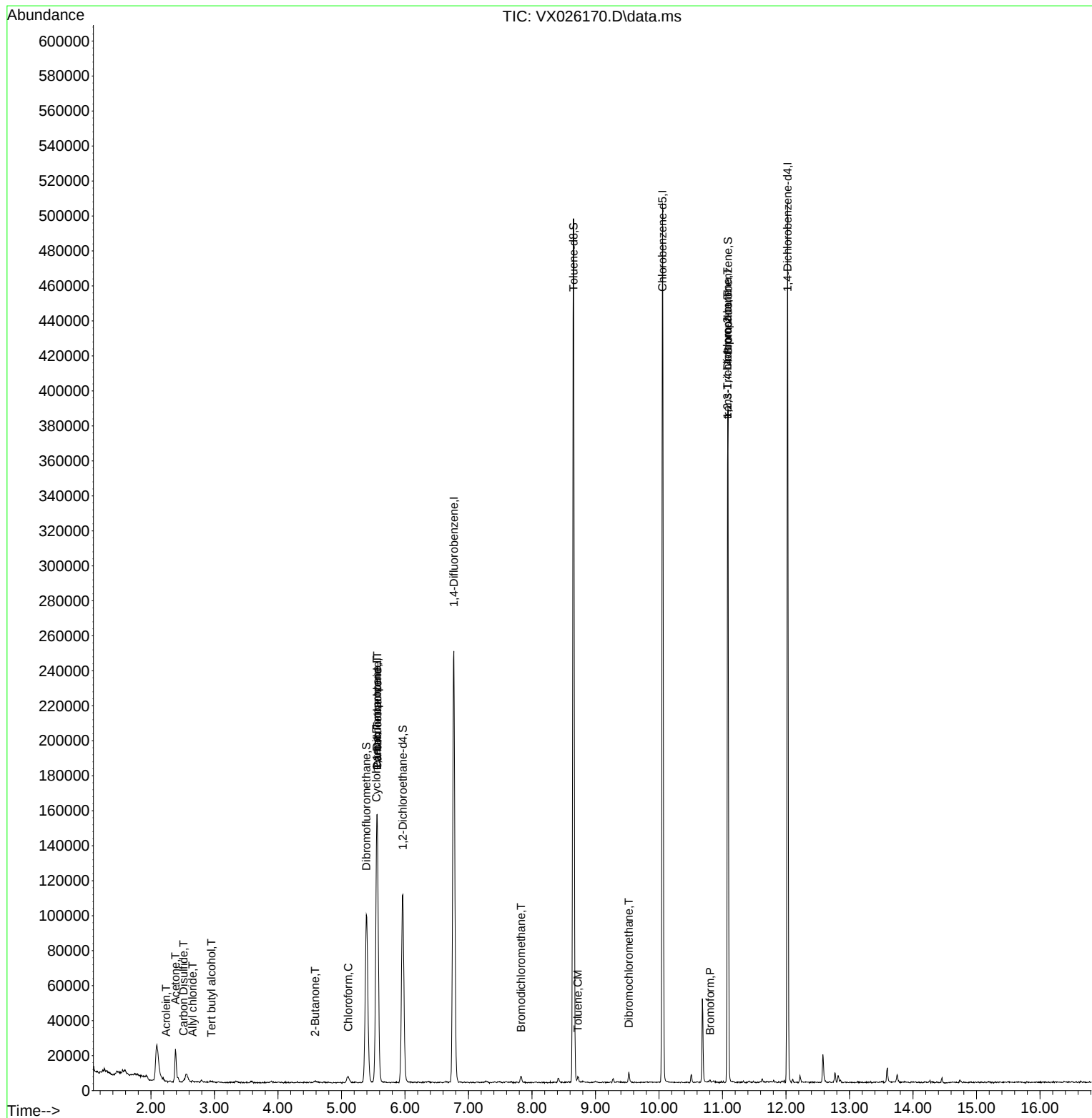
Internal Standards						
1) Pentafluorobenzene	5.562	168	138222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102109	51.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.120%			
35) Dibromofluoromethane	5.391	113	81090	52.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.653	98	274481	47.971	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.940%			
62) 4-Bromofluorobenzene	11.085	95	95129	46.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.400%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	206	0.516	ug/l #	73
13) Acrolein	2.240	56	211	1.477	ug/l #	72
14) Allyl chloride	2.654	41	861	0.285	ug/l #	48
16) Acetone	2.386	43	21130	19.503	ug/l	98
17) Carbon Disulfide	2.514	76	1374	0.313	ug/l	99
20) Methylene Chloride	2.800	84	433	Below Cal	#	86
25) 2-Butanone	4.587	43	1728	1.145	ug/l	92
30) Chloroform	5.105	83	3953	1.195	ug/l	97
31) Cyclohexane	5.550	56	3678	1.292	ug/l #	53
36) 1,1-Dichloropropene	5.556	75	11939	4.812	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14681	5.319	ug/l #	15
47) Bromodichloromethane	7.830	83	2414	0.883	ug/l #	95
52) Toluene	8.720	92	1021	0.234	ug/l	88
60) Dibromochloromethane	9.525	129	1551	0.764	ug/l	97
71) Bromoform	10.805	173	546	0.387	ug/l #	97
76) 1,2,3-Trichloropropane	11.079	75	53176	24.263	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53176	70.193	ug/l #	10

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

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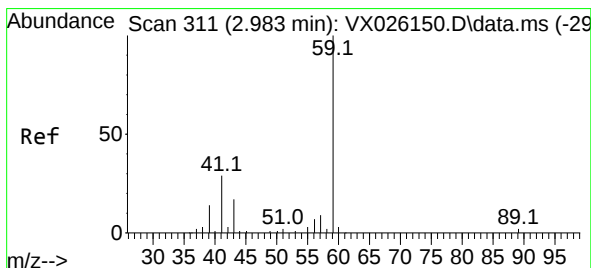
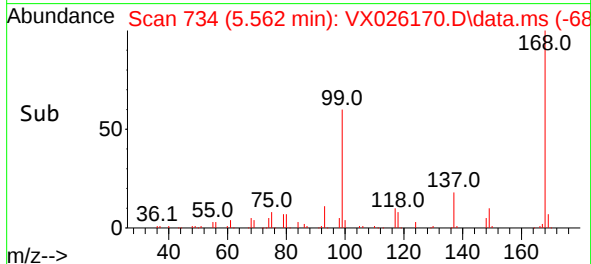
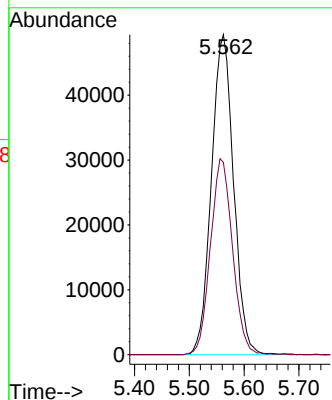
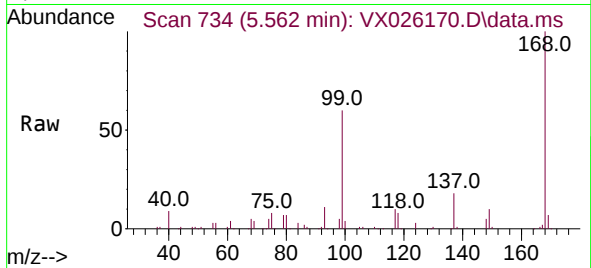




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

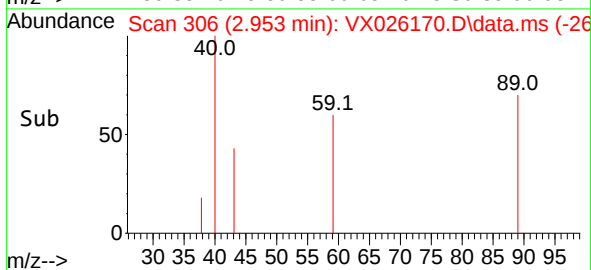
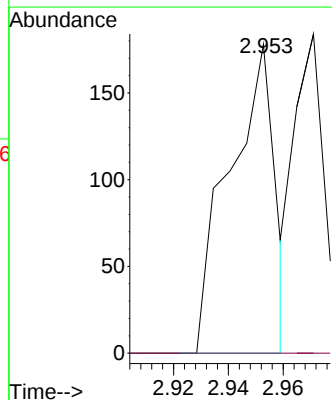
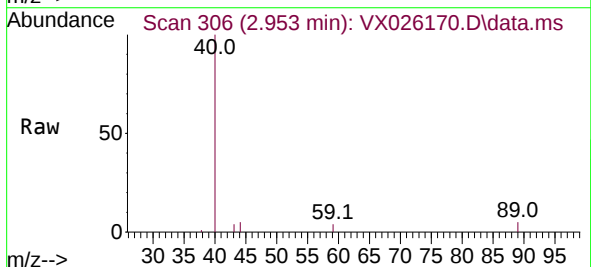
Instrument :
MSVOA_X
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SLUCE-WAY-122021

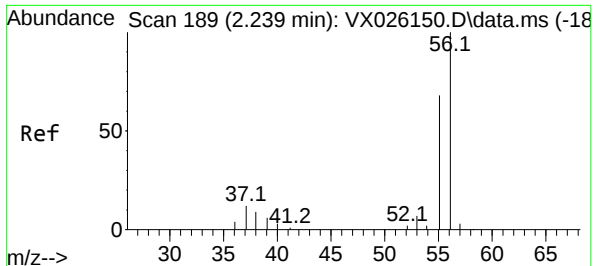
Tgt Ion:168 Resp: 138222
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.516 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

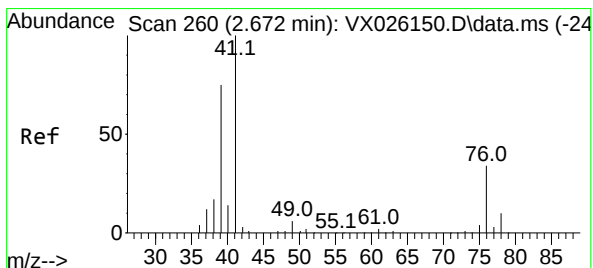
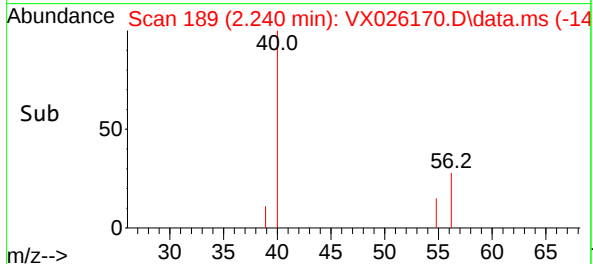
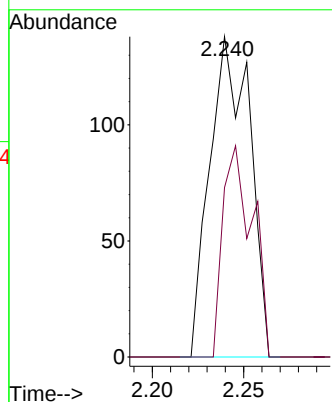
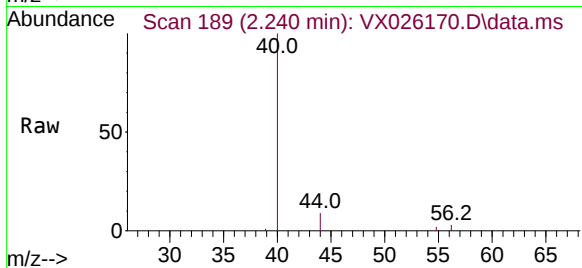




#13
Acrolein
Concen: 1.477 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

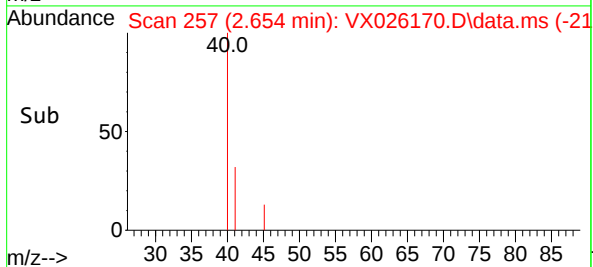
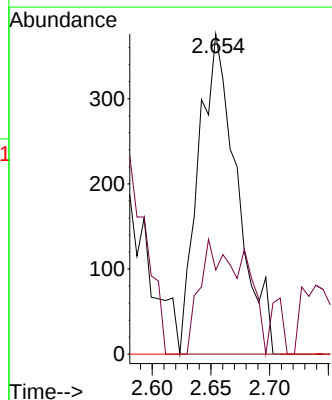
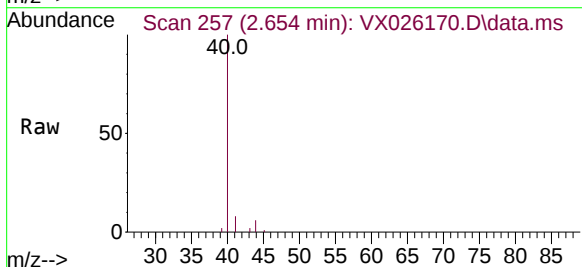
Instrument :
MSVOA_X
ClientSampleId :
SLUCE-WAY-122021

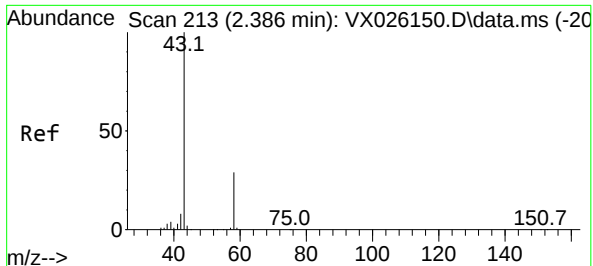
Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 48.8 57.4 86.2#



#14
Allyl chloride
Concen: 0.285 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.018 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Tgt Ion: 41 Resp: 861
Ion Ratio Lower Upper
41 100
39 29.5 55.4 83.0#
76 0.0 27.6 41.4#

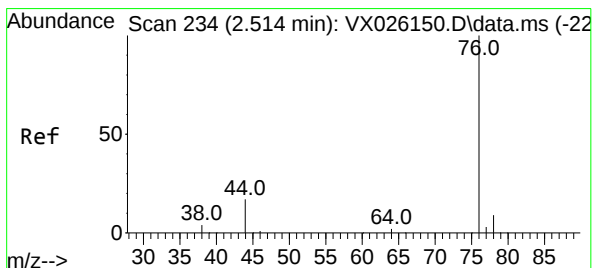
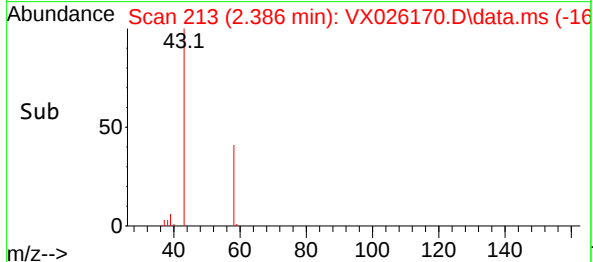
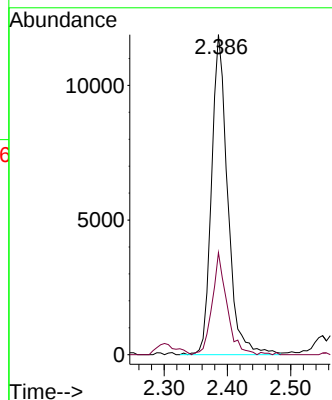
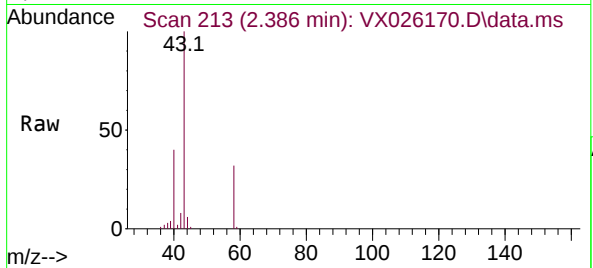




#16
Acetone
Concen: 19.503 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

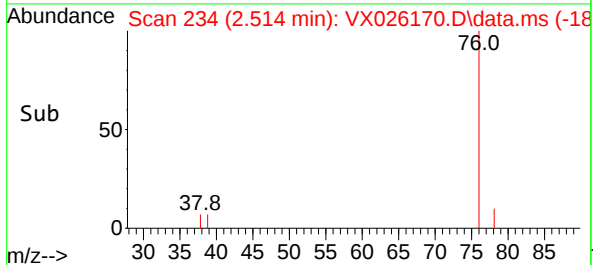
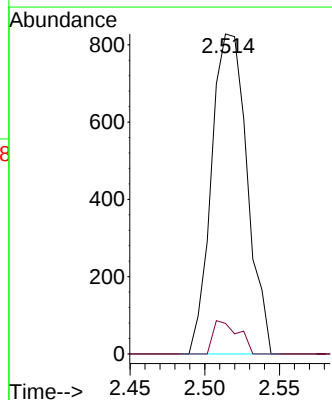
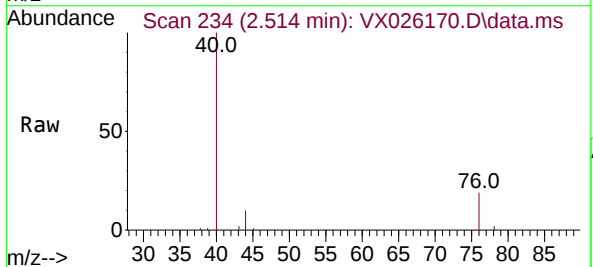
Instrument :
MSVOA_X
ClientSampleId :
SLUCE-WAY-122021

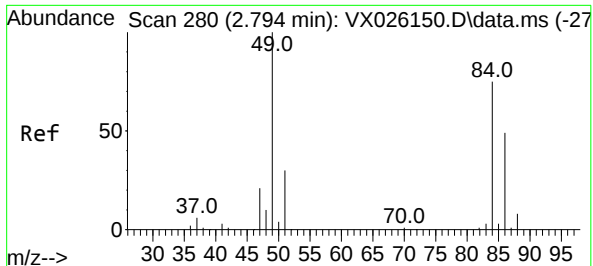
Tgt Ion: 43 Resp: 21130
Ion Ratio Lower Upper
43 100
58 31.9 24.8 37.2



#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Tgt Ion: 76 Resp: 1374
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

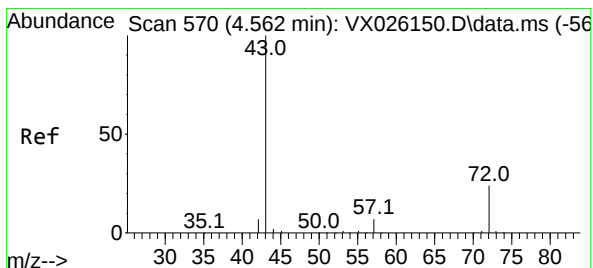
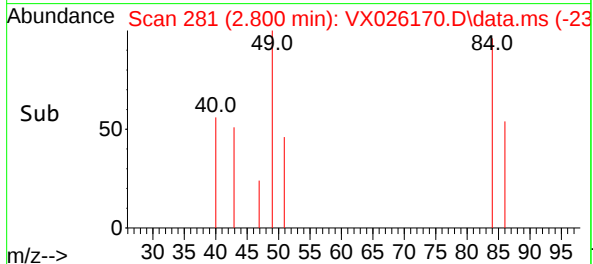
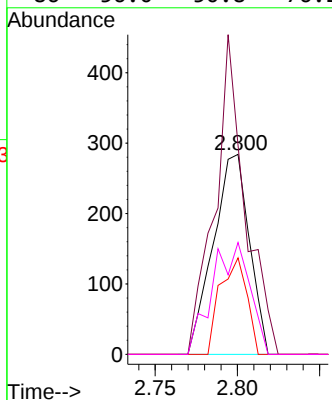
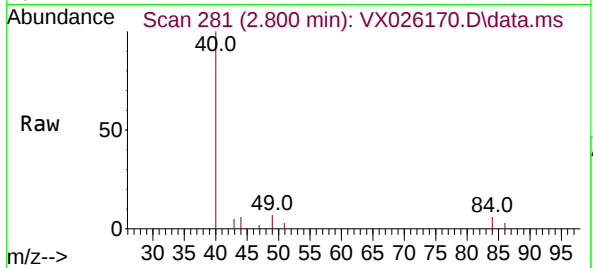




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

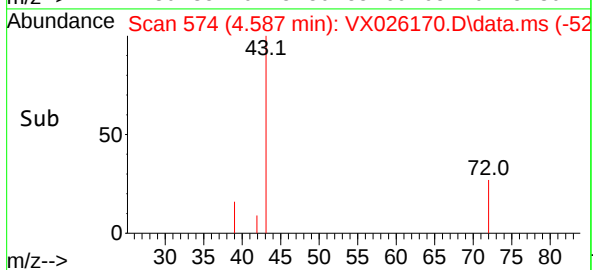
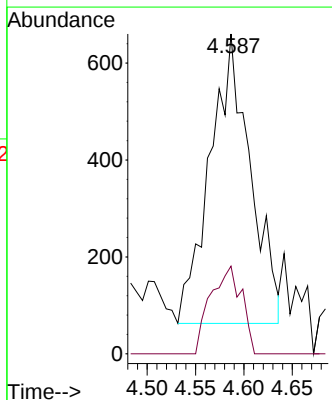
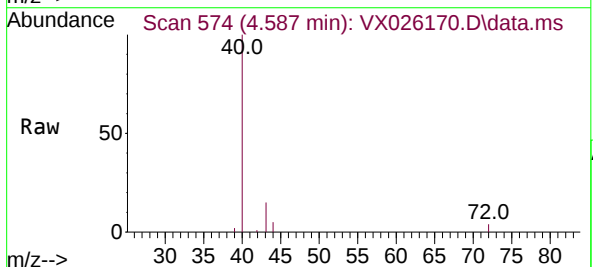
Instrument :
MSVOA_X
ClientSampleId :
SLUCE-WAY-122021

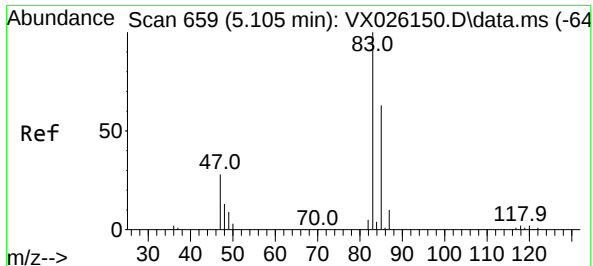
Tgt Ion: 84	Resp:	433
Ion	Ratio	Lower Upper
84	100	
49	104.6	97.1 145.7
51	48.2	29.3 43.9#
86	56.0	50.8 76.2



#25
2-Butanone
Concen: 1.145 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Tgt Ion: 43	Resp:	1728
Ion	Ratio	Lower Upper
43	100	
72	30.3	21.0 31.4





#30

Chloroform

Concen: 1.195 ug/l

RT: 5.105 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX026170.D

Acq: 30 Dec 2021 16:00

Instrument :

MSVOA_X

ClientSampleId :

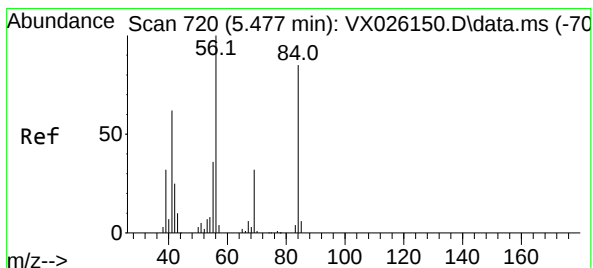
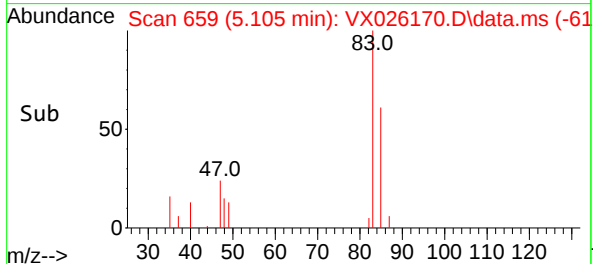
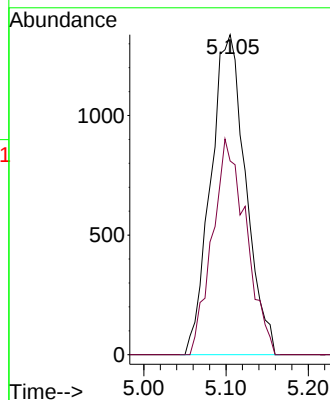
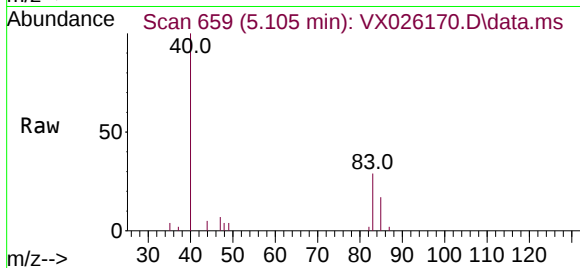
SLUCE-WAY-122021

Tgt Ion: 83 Resp: 3953

Ion Ratio Lower Upper

83 100

85 60.5 50.6 75.8



#31

Cyclohexane

Concen: 1.292 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026170.D

Acq: 30 Dec 2021 16:00

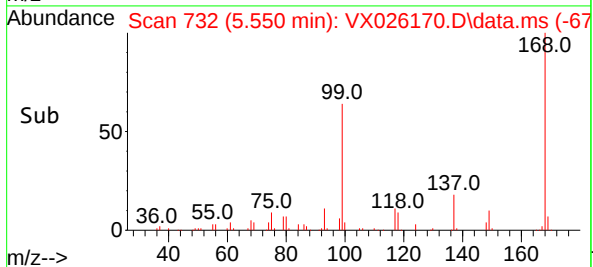
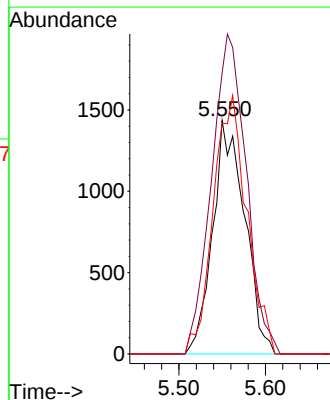
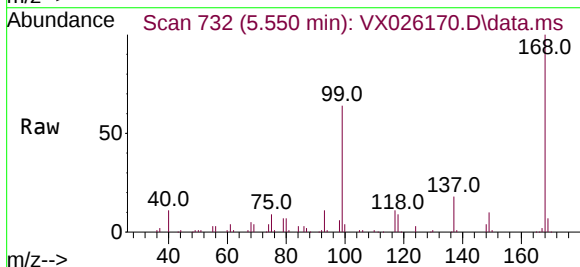
Tgt Ion: 56 Resp: 3678

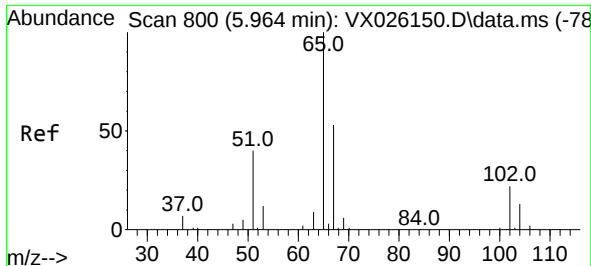
Ion Ratio Lower Upper

56 100

69 120.3 23.9 35.9

84 98.8 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 51.063 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026170.D

Acq: 30 Dec 2021 16:00

Instrument :

MSVOA_X

ClientSampleId :

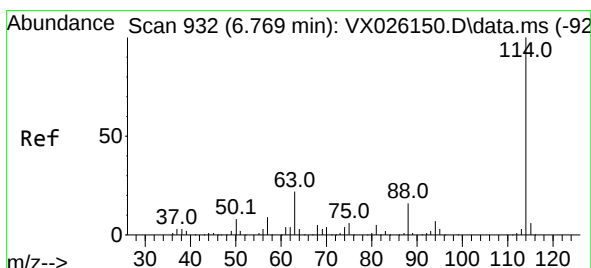
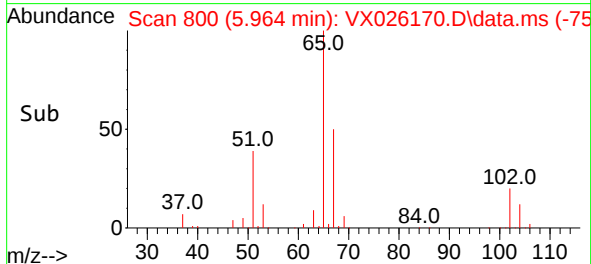
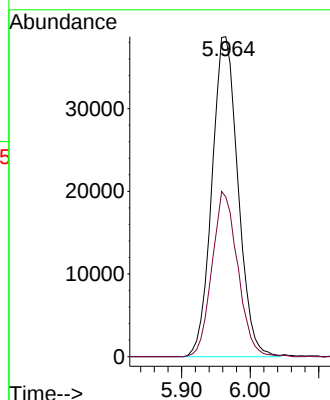
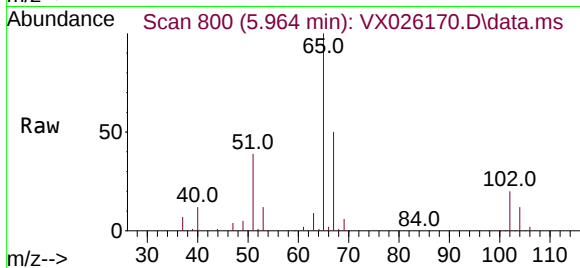
SLUCE-WAY-122021

Tgt Ion: 65 Resp: 102109

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026170.D

Acq: 30 Dec 2021 16:00

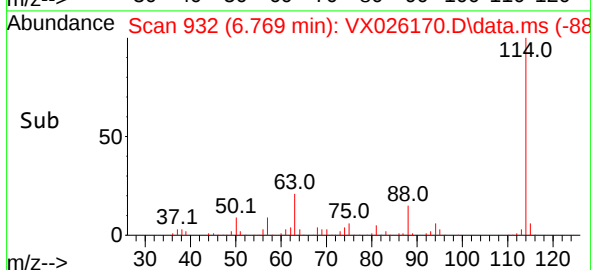
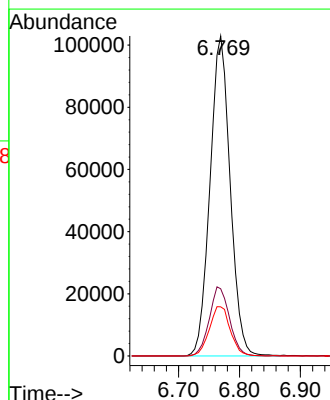
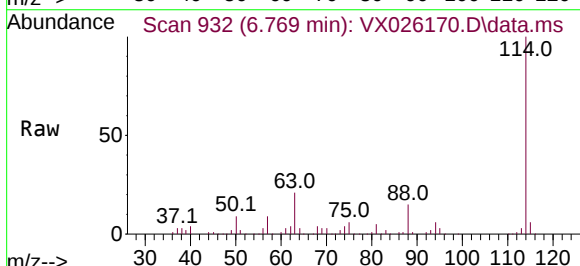
Tgt Ion: 114 Resp: 236612

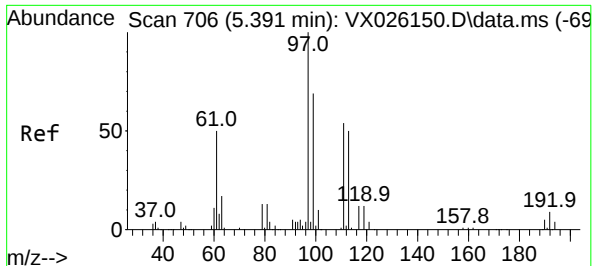
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.714 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026170.D

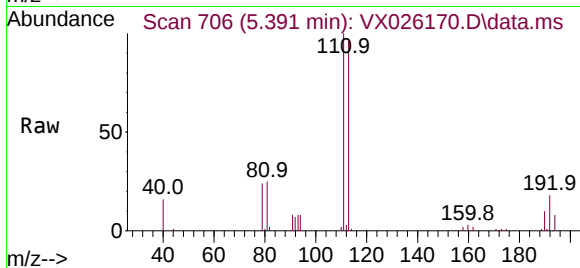
Acq: 30 Dec 2021 16:00

Instrument :

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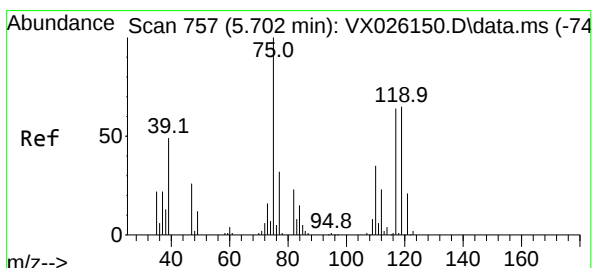
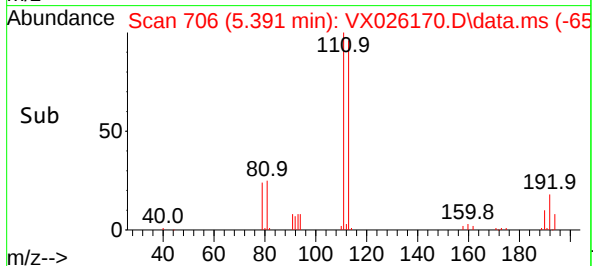
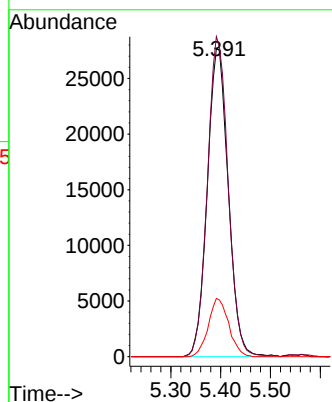
Tgt Ion:113 Resp: 81090

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.3 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.812 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026170.D

Acq: 30 Dec 2021 16:00

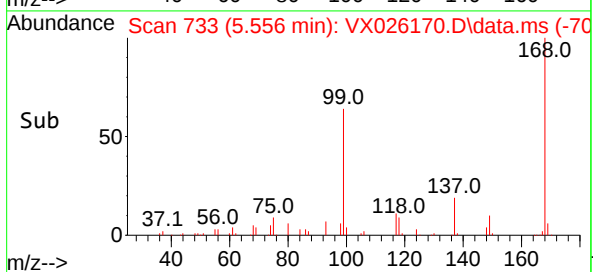
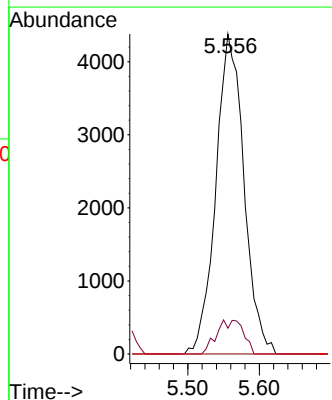
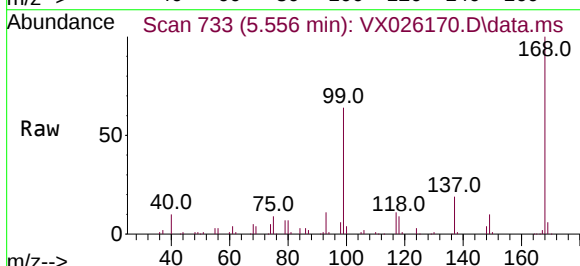
Tgt Ion: 75 Resp: 11939

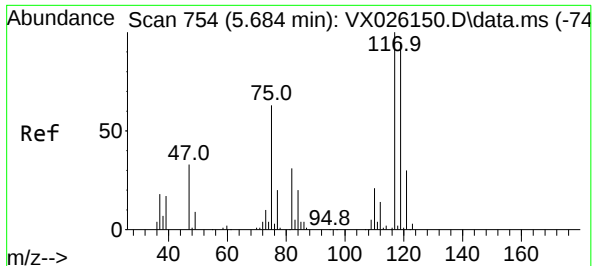
Ion Ratio Lower Upper

75 100

110 10.1 18.2 54.6#

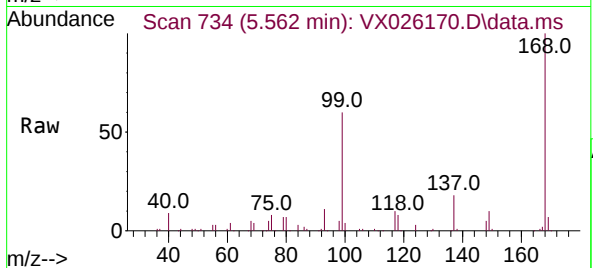
77 0.0 24.7 37.1#



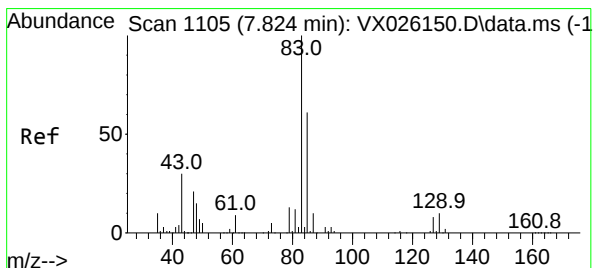
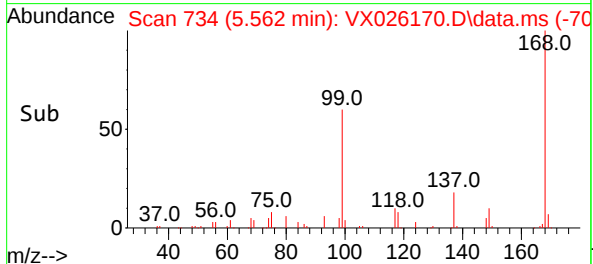
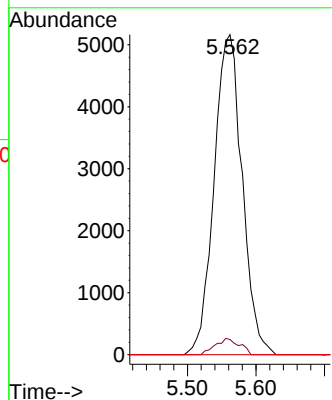


#38
Carbon Tetrachloride
Concen: 5.319 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Instrument :
MSVOA_X
ClientSampleId :
SLUCE-WAY-122021

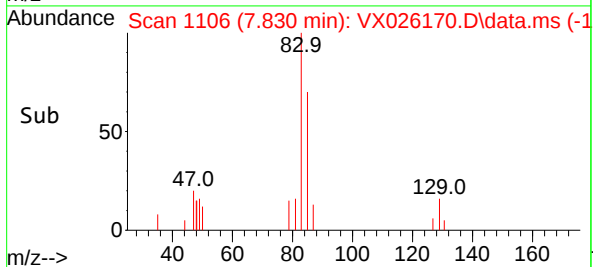
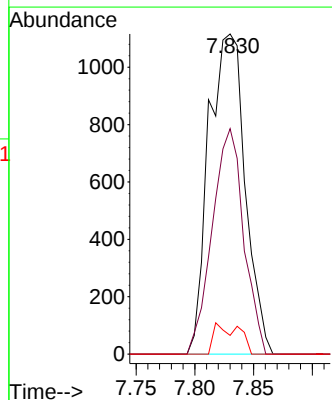
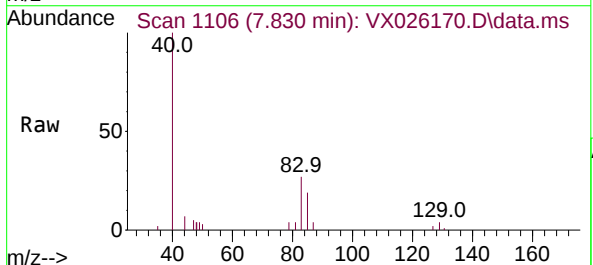


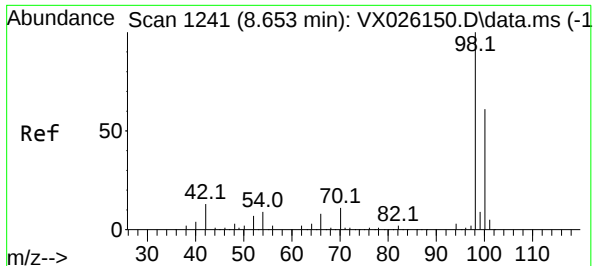
Tgt Ion:117 Resp: 14681
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 23.8 35.8#



#47
Bromodichloromethane
Concen: 0.883 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Tgt Ion: 83 Resp: 2414
Ion Ratio Lower Upper
83 100
85 70.4 53.5 80.3
127 5.8 6.6 10.0#

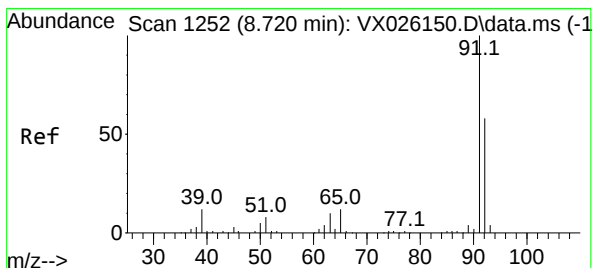
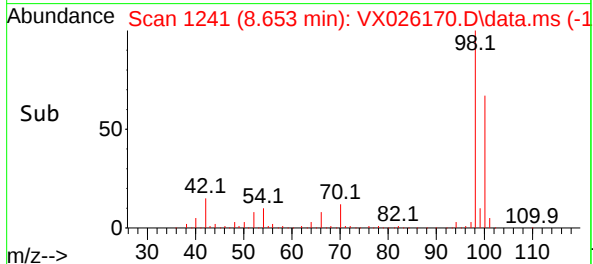
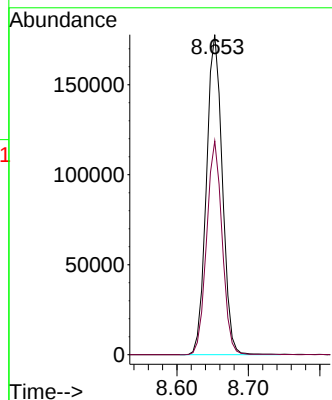
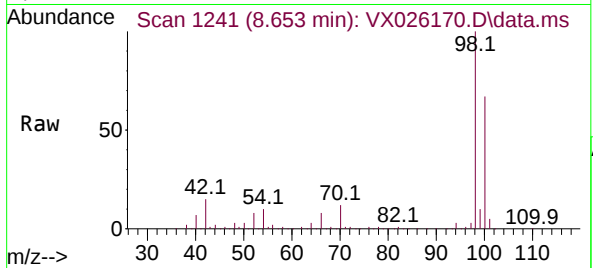




#50
Toluene-d8
Concen: 47.971 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

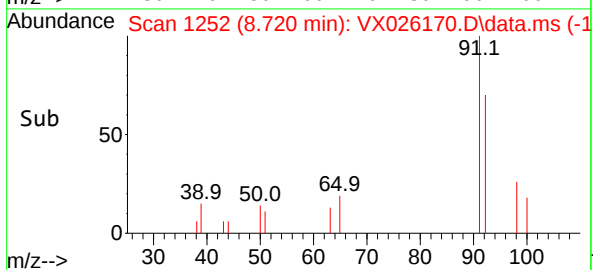
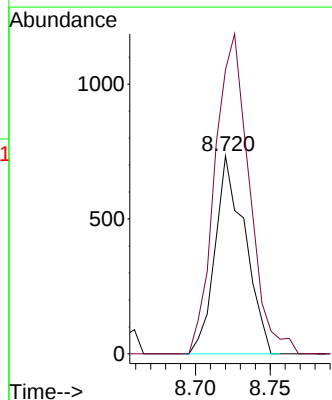
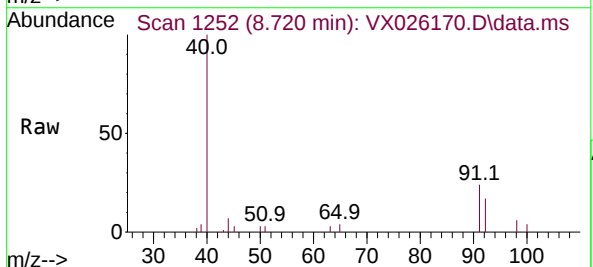
Instrument :
MSVOA_X
ClientSampleId :
SLUCE-WAY-122021

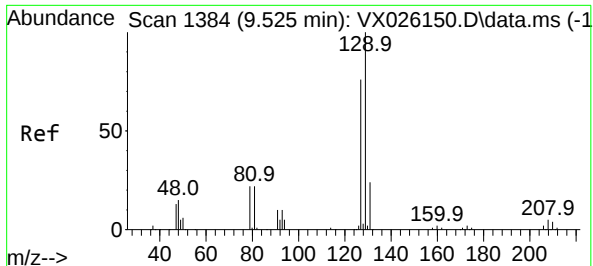
Tgt Ion: 98 Resp: 274481
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#52
Toluene
Concen: 0.234 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Tgt Ion: 92 Resp: 1021
Ion Ratio Lower Upper
92 100
91 185.8 136.0 204.0

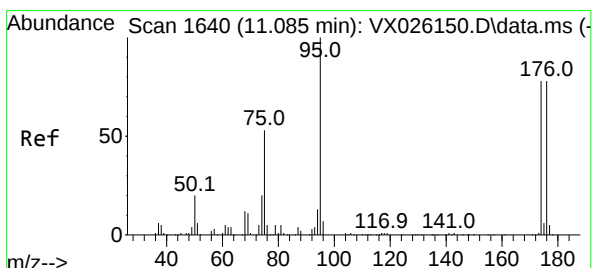
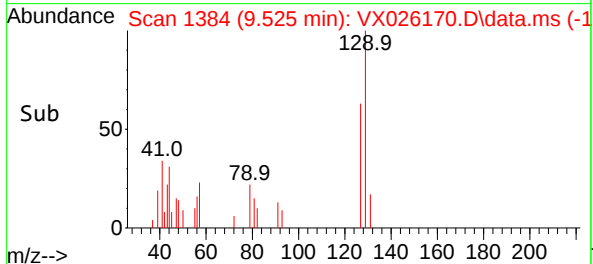
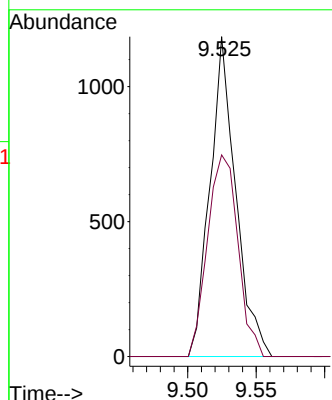
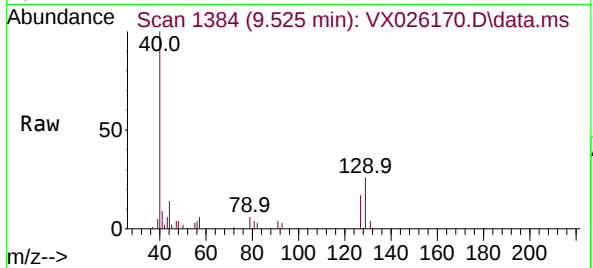




#60
Dibromochloromethane
Concen: 0.764 ug/l
RT: 9.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

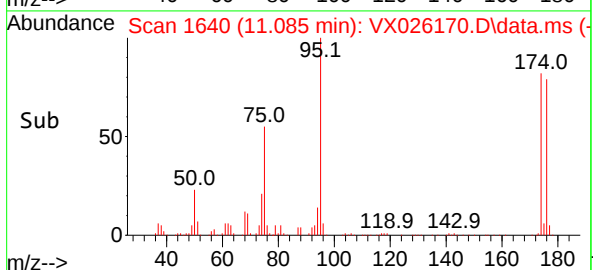
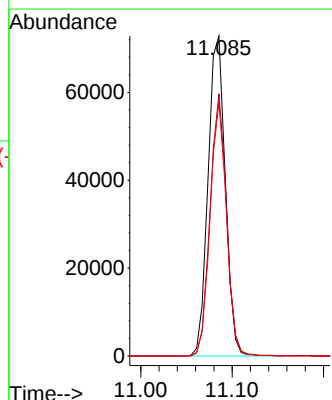
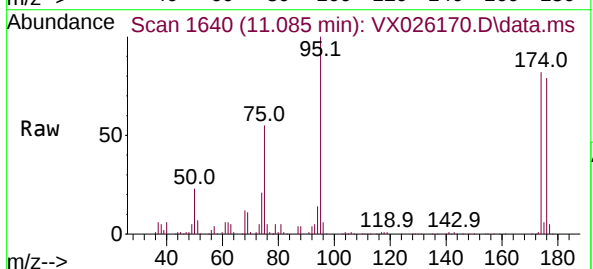
Instrument :
MSVOA_X
ClientSampleId :
SLUCE-WAY-122021

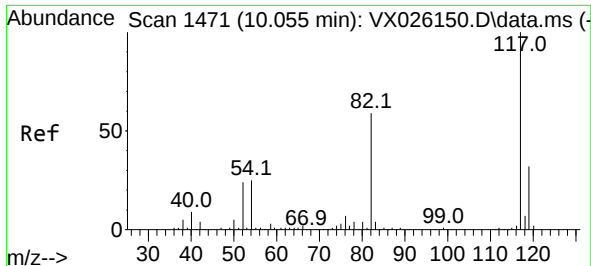
Tgt Ion:129 Resp: 1551
Ion Ratio Lower Upper
129 100
127 74.3 38.6 115.7



#62
4-Bromofluorobenzene
Concen: 46.703 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026170.D
Acq: 30 Dec 2021 16:00

Tgt Ion: 95 Resp: 95129
Ion Ratio Lower Upper
95 100
174 78.3 0.0 157.4
176 75.3 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026170.D

Acq: 30 Dec 2021 16:00

Instrument :

MSVOA_X

ClientSampleId :

SLUCE-WAY-122021

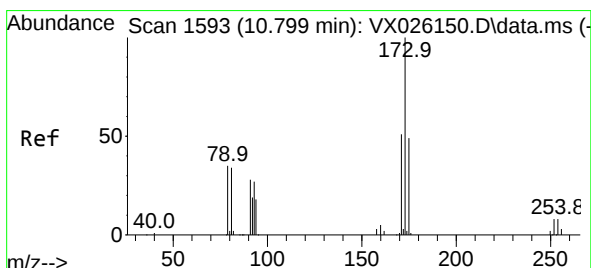
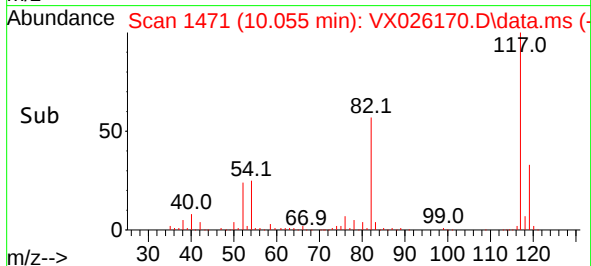
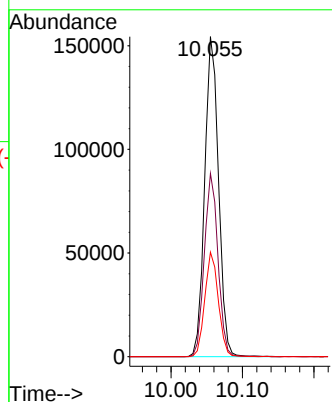
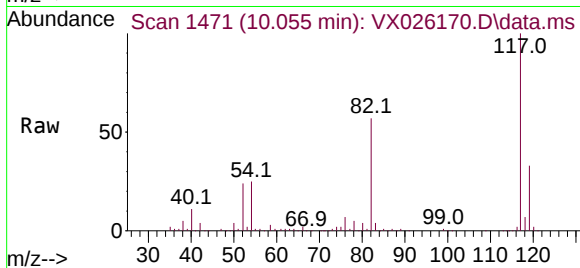
Tgt Ion:117 Resp: 207644

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.6

119 32.6 25.2 37.8



#71

Bromoform

Concen: 0.387 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX026170.D

Acq: 30 Dec 2021 16:00

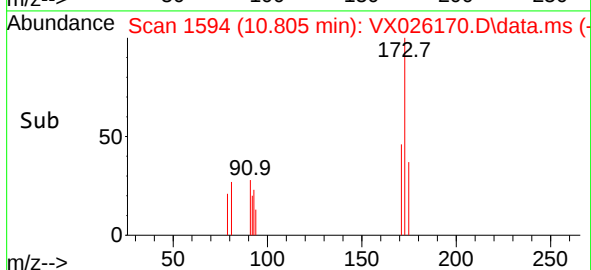
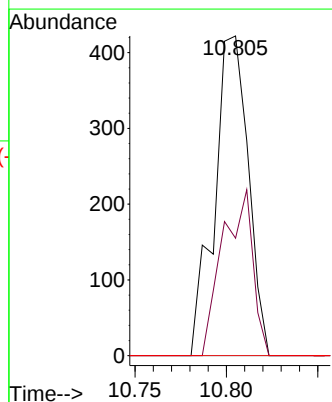
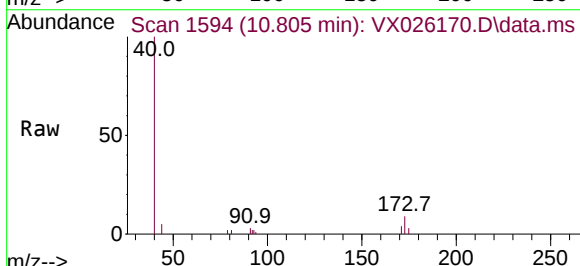
Tgt Ion:173 Resp: 546

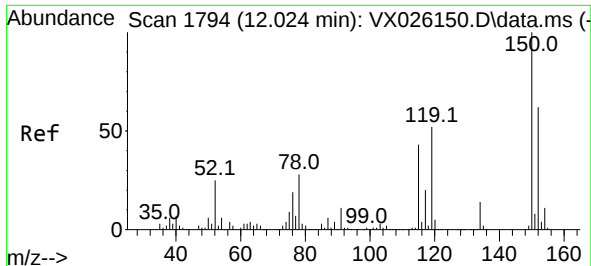
Ion Ratio Lower Upper

173 100

175 46.5 24.4 73.4

254 0.0 0.1 0.1#

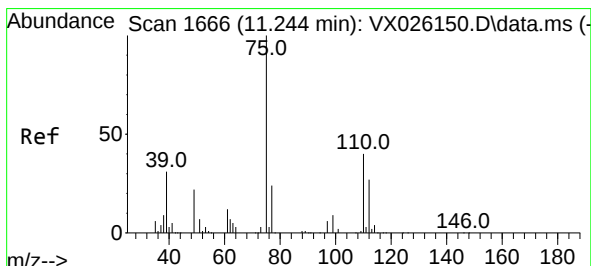
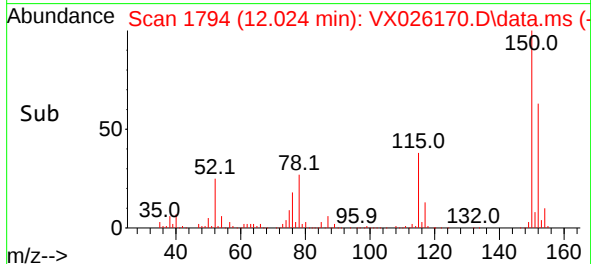
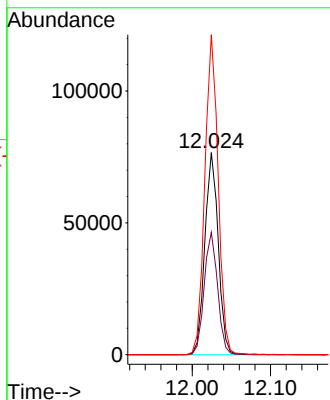
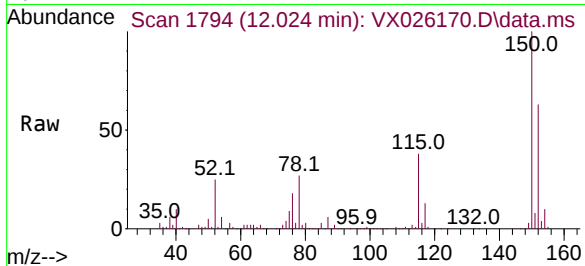




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026170.D
 Acq: 30 Dec 2021 16:00

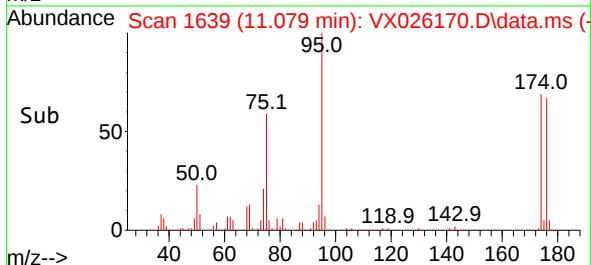
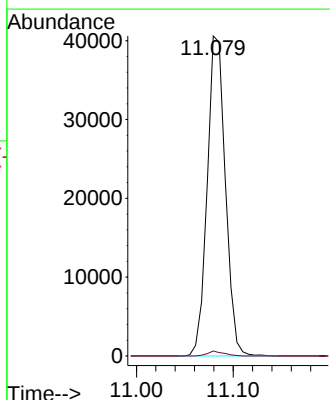
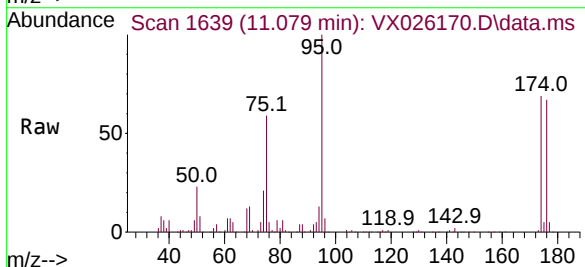
Instrument :
 MSVOA_X
 ClientSampleId :
 SLUCE-WAY-122021

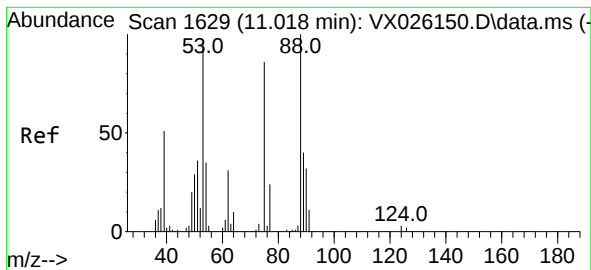
Tgt Ion:152 Resp: 90798
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.3 123.9
 150 157.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.263 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026170.D
 Acq: 30 Dec 2021 16:00

Tgt Ion: 75 Resp: 53176
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.193 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026170.D
 Acq: 30 Dec 2021 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SLUCE-WAY-122021

Tgt Ion: 75 Resp: 53176
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.1 38.3 57.5#

