

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039578.D
 Acq On : 02 Jan 2024 17:39
 Operator : JC/MD
 Sample : P1002-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:16:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

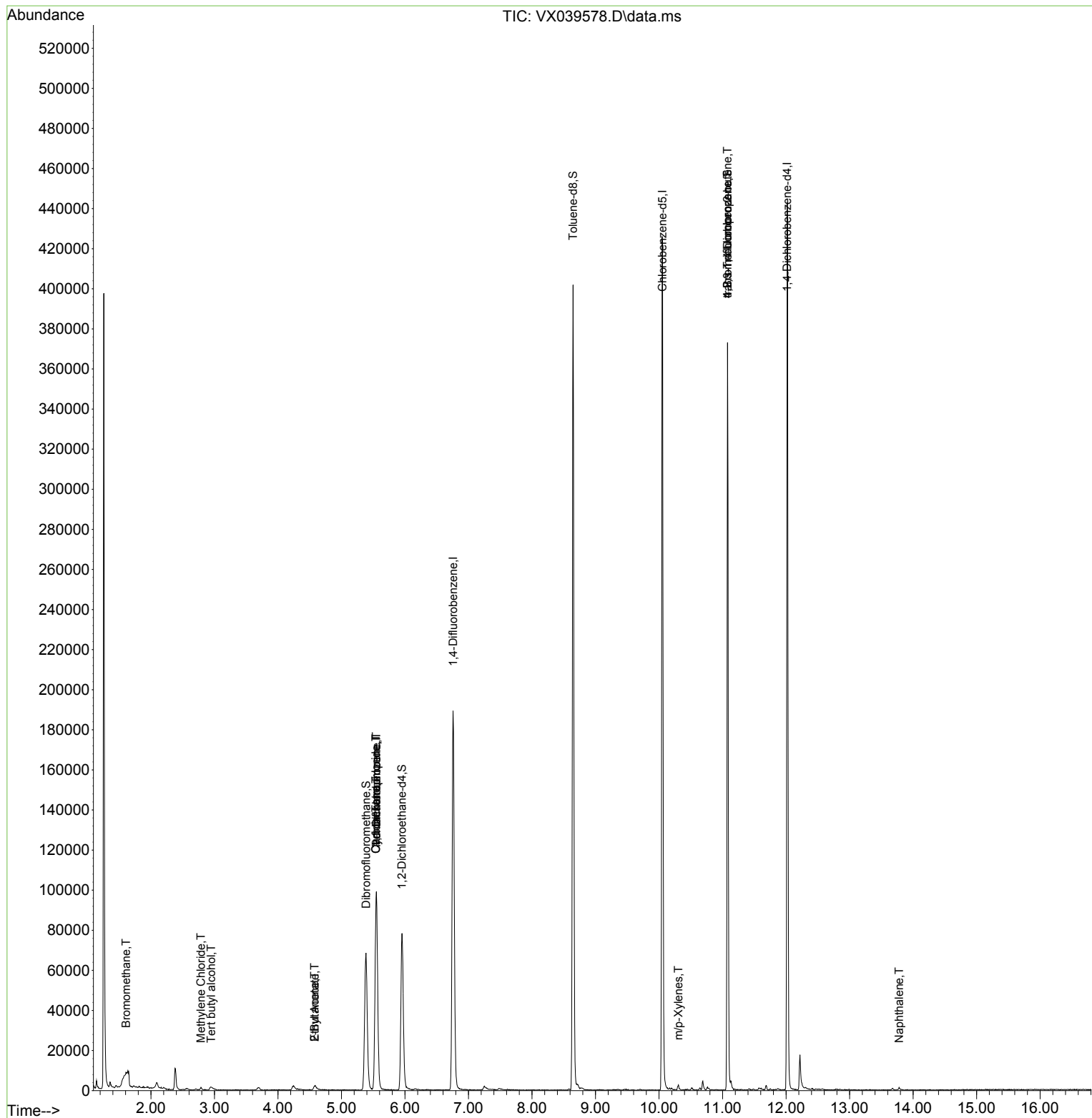
Internal Standards						
1) Pentafluorobenzene	5.550	168	86925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76533	48.061	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.120%
35) Dibromofluoromethane	5.385	113	60369	47.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	232363	48.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	99300	50.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.340%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	149	0.206	ug/l #	72
11) Tert butyl alcohol	2.947	59	1339	3.349	ug/l #	78
16) Acetone	2.380	43	11852	Below Cal	#	88
20) Methylene Chloride	2.788	84	574	0.432	ug/l	87
25) 2-Butanone	4.574	43	4757	3.462	ug/l	91
31) Cyclohexane	5.544	56	2363	1.149	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8669	4.294	ug/l #	50
37) Ethyl Acetate	4.574	43	4757	1.907	ug/l #	69
38) Carbon Tetrachloride	5.544	117	9987	5.184	ug/l #	14
68) m/p-Xylenes	10.305	106	697	0.254	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	54190	25.308	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54190	71.394	ug/l #	5
95) Naphthalene	13.780	128	1335	0.221	ug/l #	79

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

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Acq On : 02 Jan 2024 17:39
Operator : JC/MD
Sample : P1002-03 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 03 04:16:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



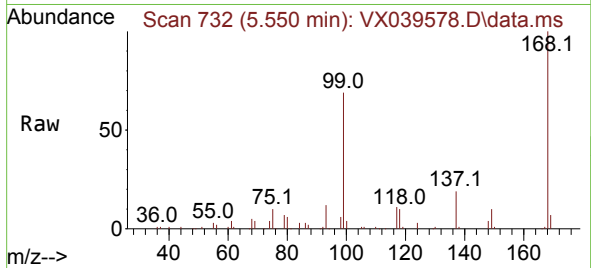


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

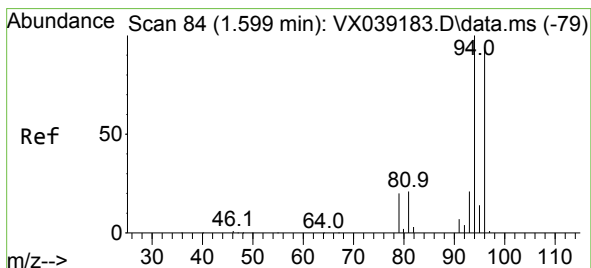
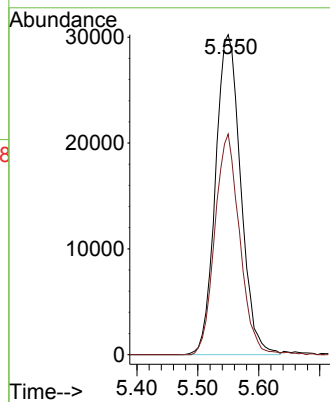
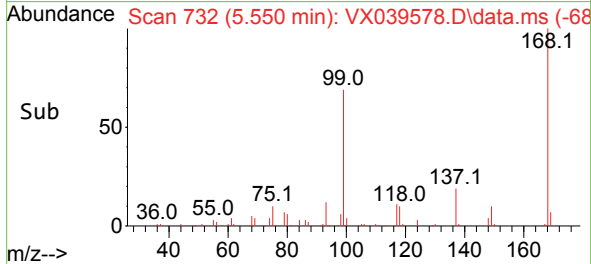
Instrument :

MSVOA_X

ClientSampleId :

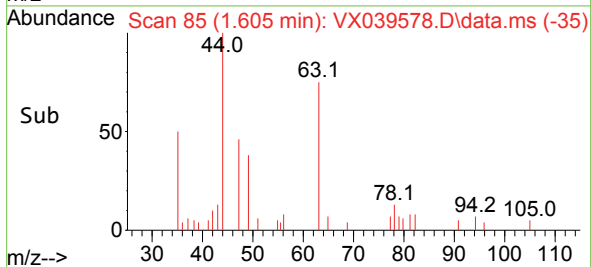
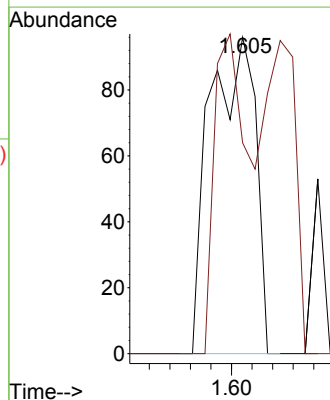
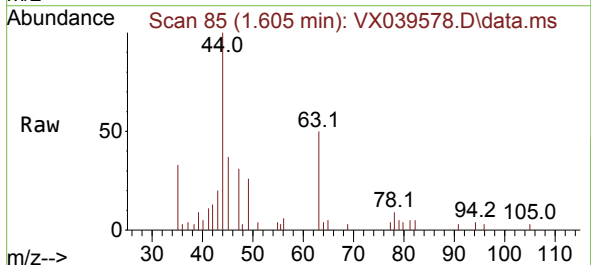


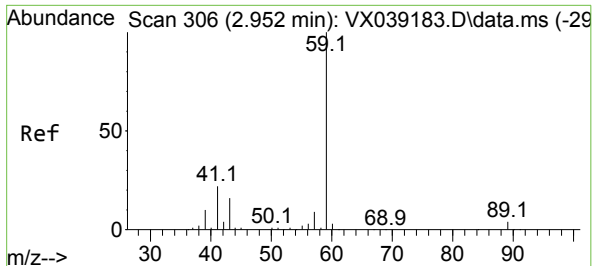
Tgt Ion:168 Resp: 86925
Ion Ratio Lower Upper
168 100
99 68.9 56.6 85.0



#5
Bromomethane
Concen: 0.206 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 66.7 74.6 111.8#





#11

Tert butyl alcohol

Concen: 3.349 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

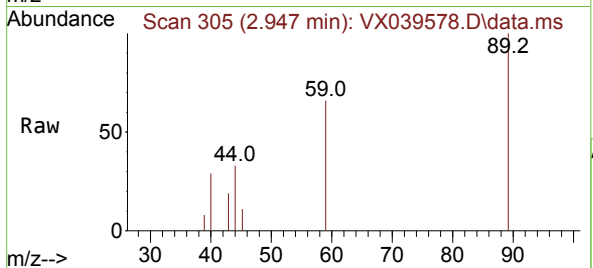
Lab File: VX039578.D

Acq: 02 Jan 2024 17:39

Instrument :

MSVOA_X

ClientSampleId :

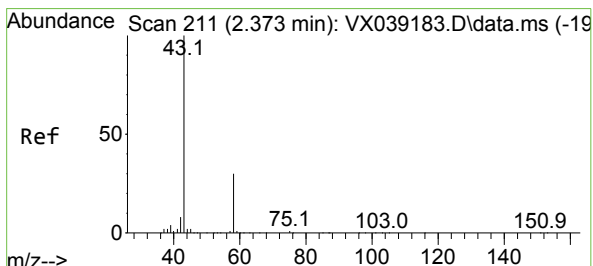
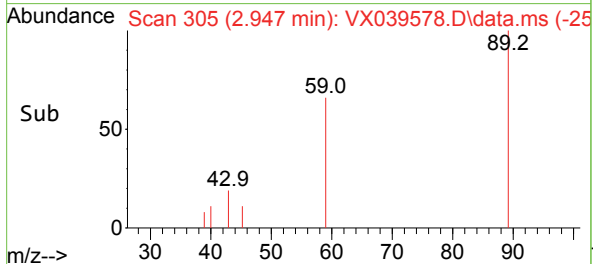
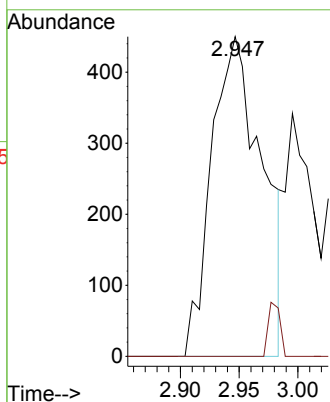


Tgt Ion: 59 Resp: 1339

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039578.D

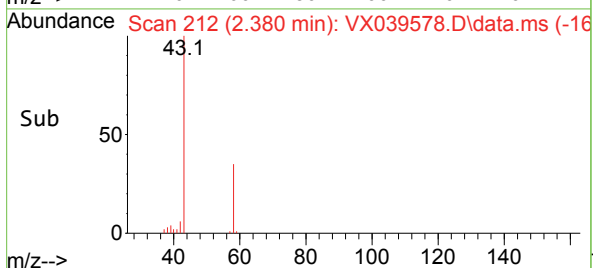
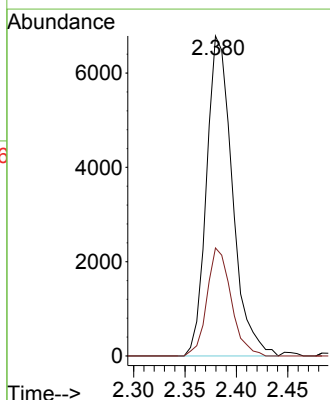
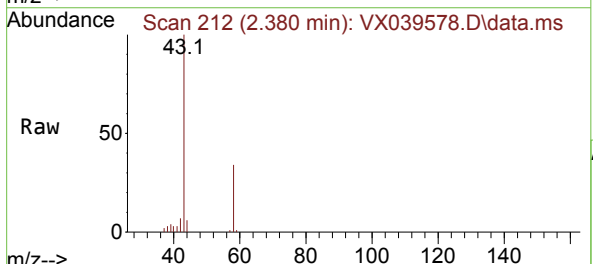
Acq: 02 Jan 2024 17:39

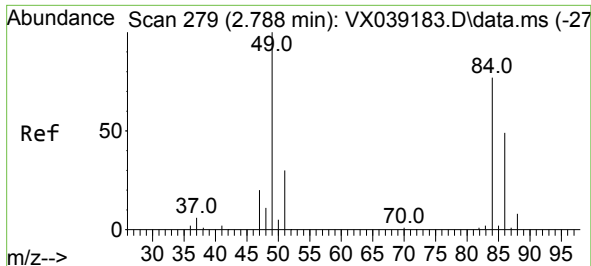
Tgt Ion: 43 Resp: 11852

Ion Ratio Lower Upper

43 100

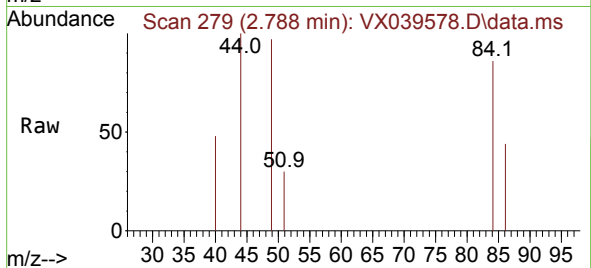
58 33.8 21.9 32.9#



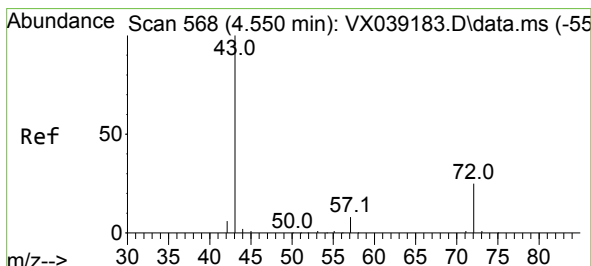
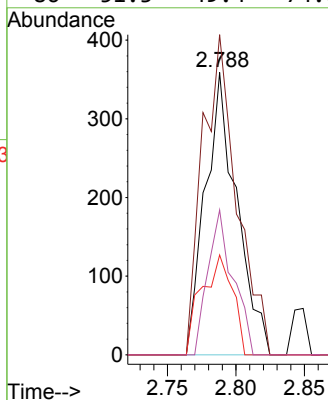
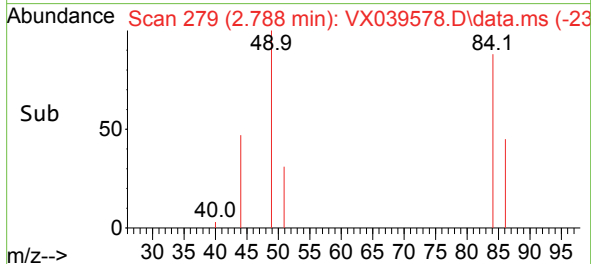


#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Instrument :
MSVOA_X
ClientSampleId :

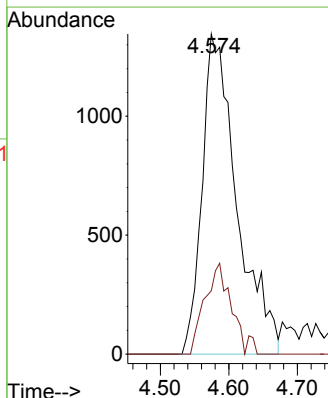
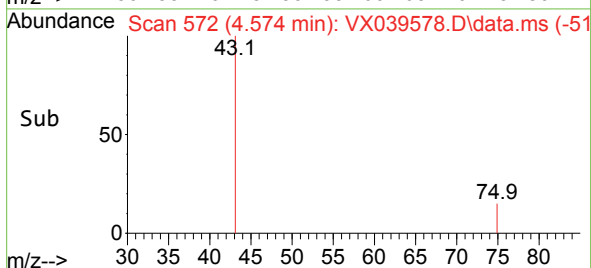
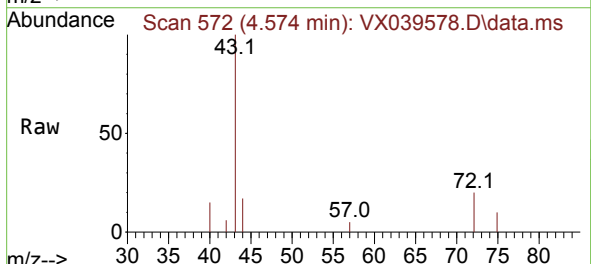


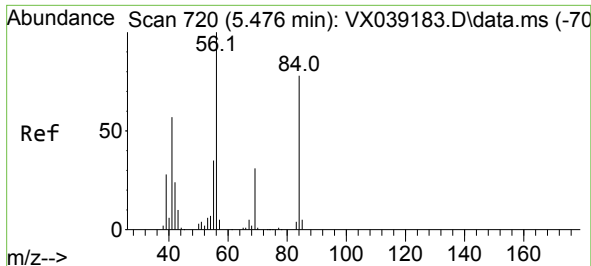
Tgt Ion: 84	Resp: 574
Ion Ratio	Lower Upper
84 100	
49 113.4	103.6 155.4
51 35.4	33.8 50.6
86 51.3	49.4 74.0



#25
2-Butanone
Concen: 3.462 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.025 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

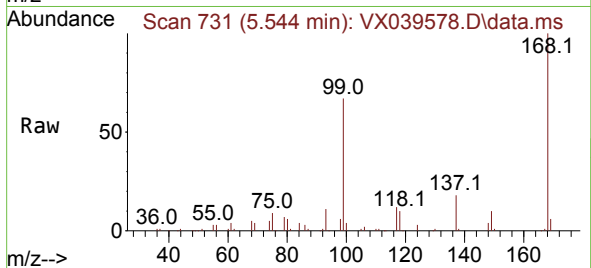
Tgt Ion: 43	Resp: 4757		
Ion Ratio	Lower	Upper	
43 100			
72 19.8	19.4	29.2	



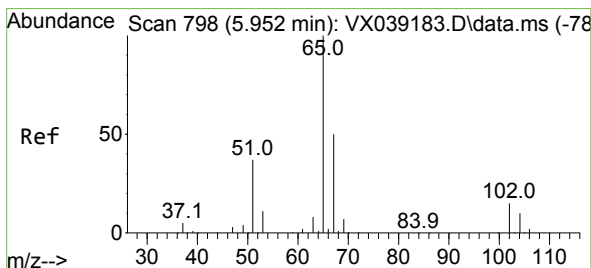
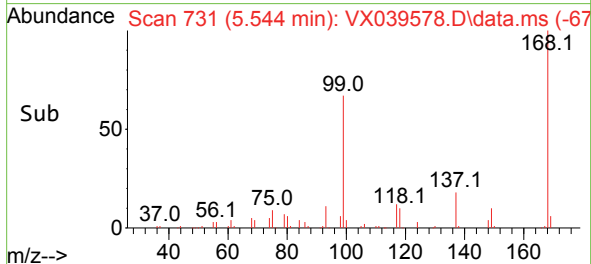
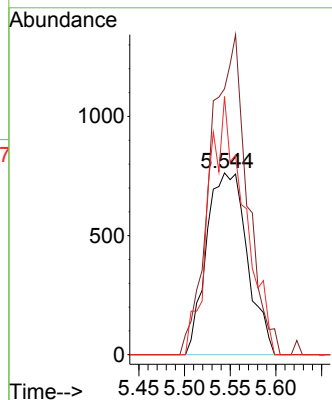


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Instrument :
MSVOA_X
ClientSampleId :

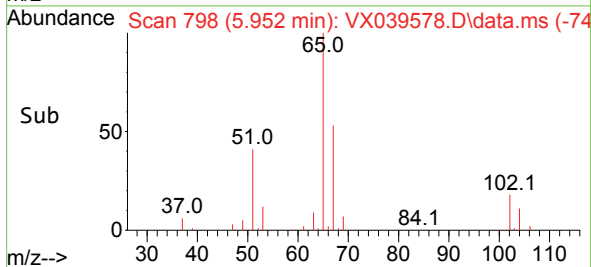
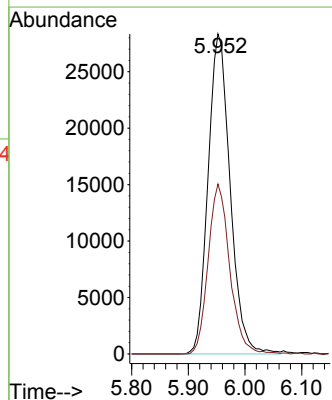
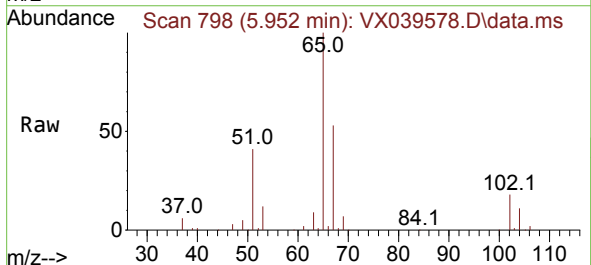


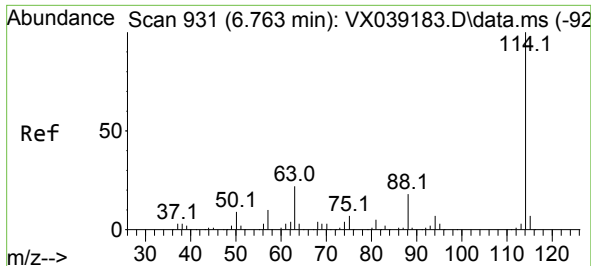
Tgt Ion: 56 Resp: 2363
Ion Ratio Lower Upper
56 100
69 146.3 23.4 35.2#
84 141.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.061 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion: 65 Resp: 76533
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

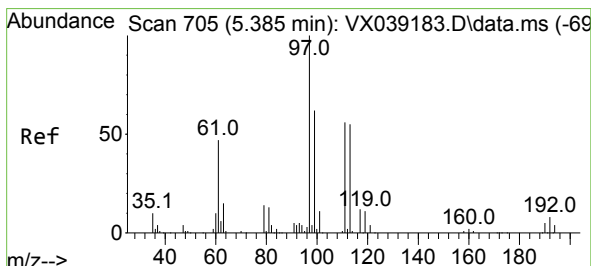
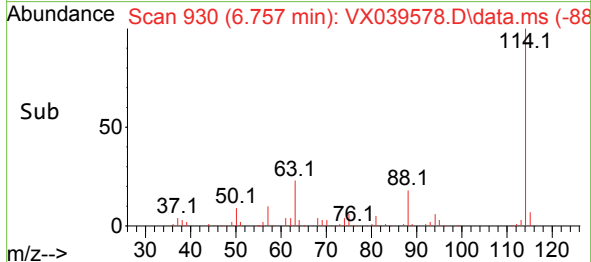
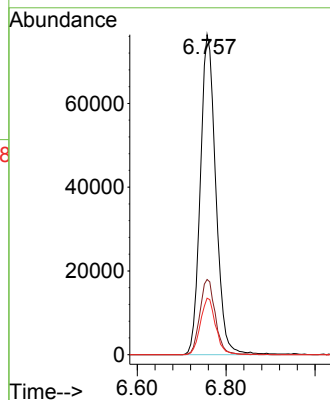
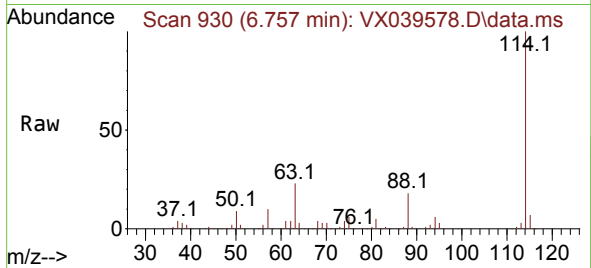




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

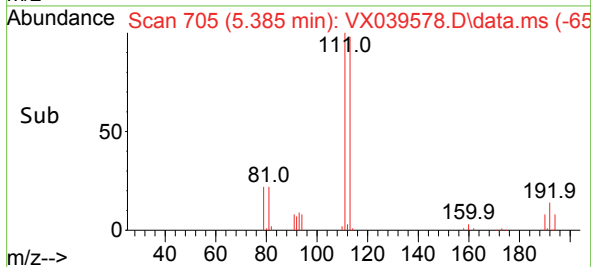
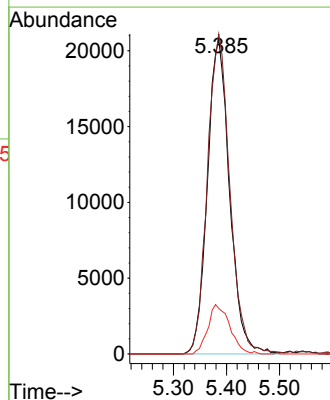
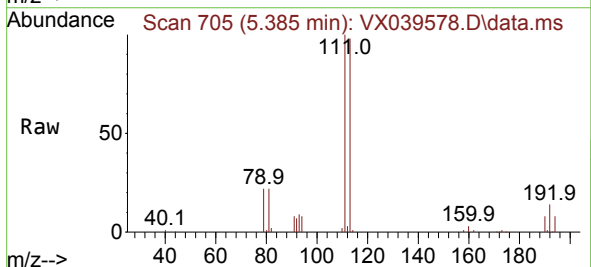
Instrument :
MSVOA_X
ClientSampleId :

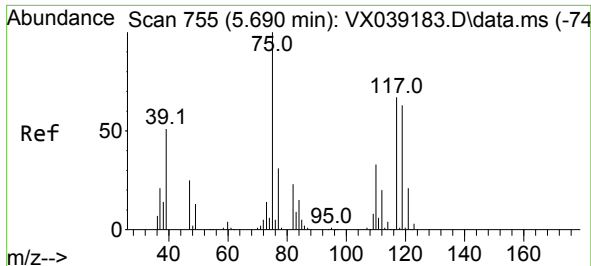
Tgt Ion:114 Resp: 185176
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.190 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

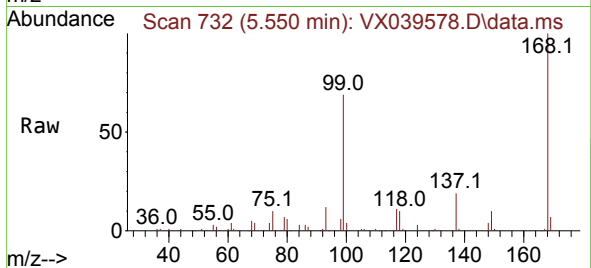
Tgt Ion:113 Resp: 60369
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 15.6 13.3 19.9



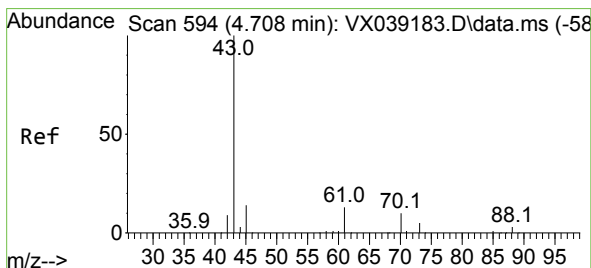
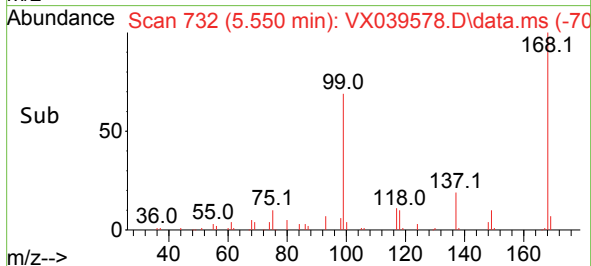
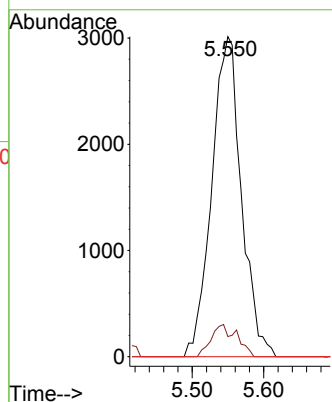


#36
1,1-Dichloropropene
Concen: 4.294 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Instrument :
MSVOA_X
ClientSampleId :

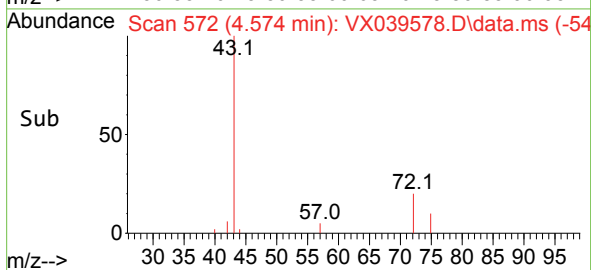
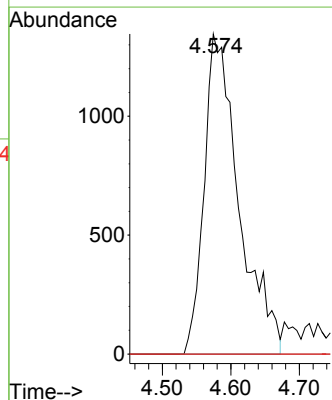
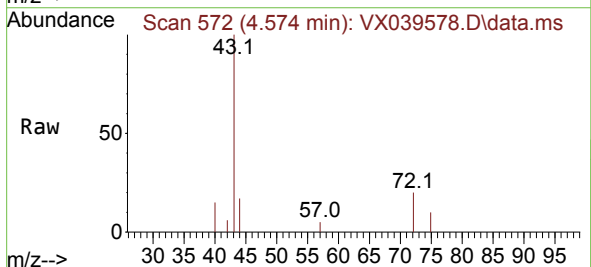


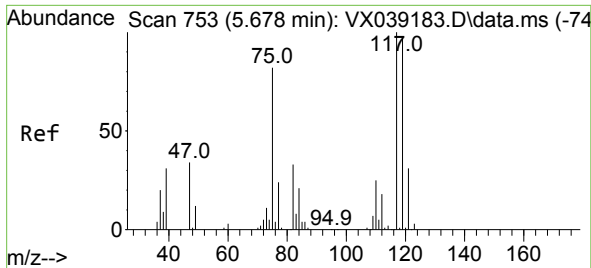
Tgt Ion: 75 Resp: 8669
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.907 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.134 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

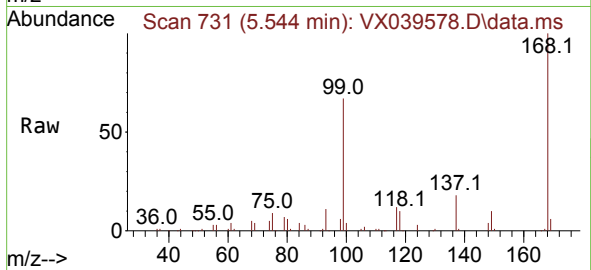
Tgt Ion: 43 Resp: 4757
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



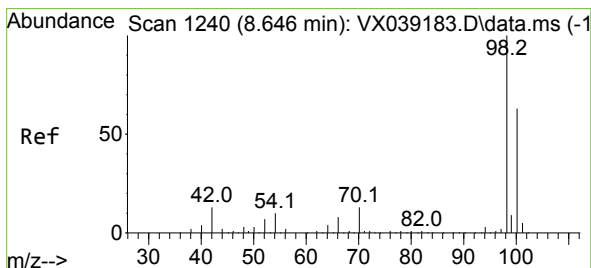
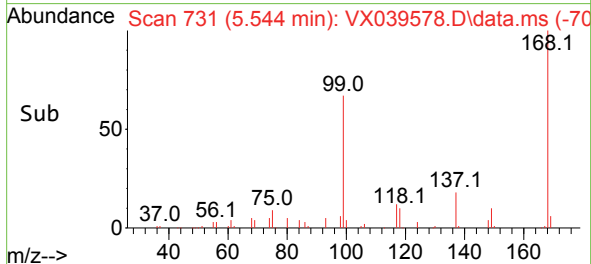
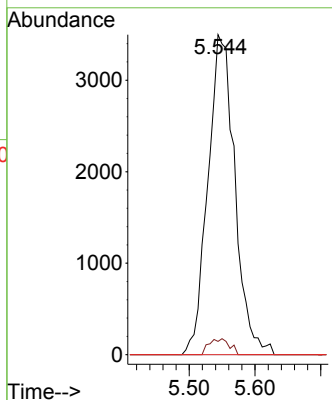


#38
Carbon Tetrachloride
Concen: 5.184 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Instrument :
MSVOA_X
ClientSampleId :

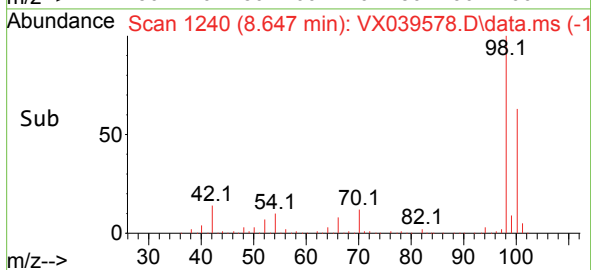
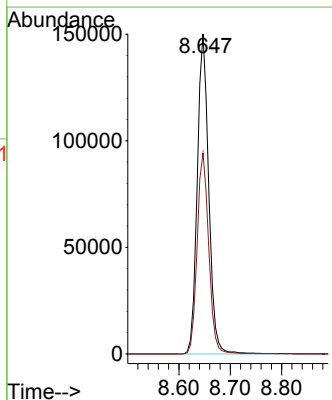
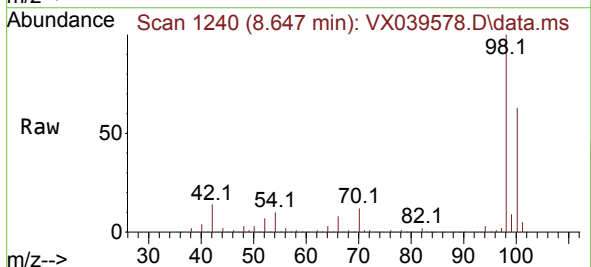


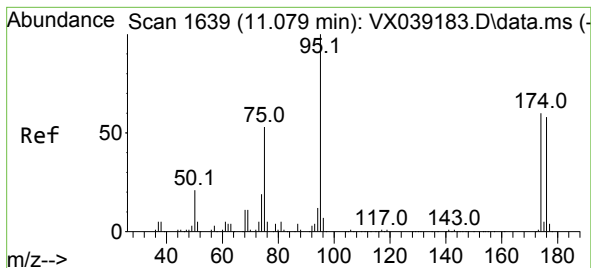
Tgt Ion:117 Resp: 9987
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion: 98 Resp: 232363
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

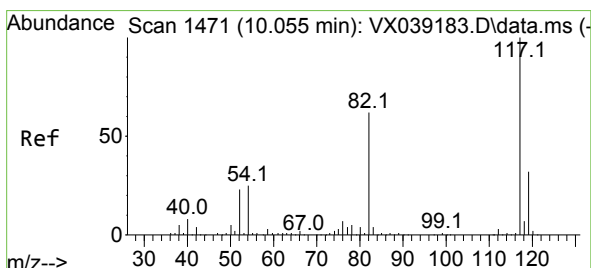
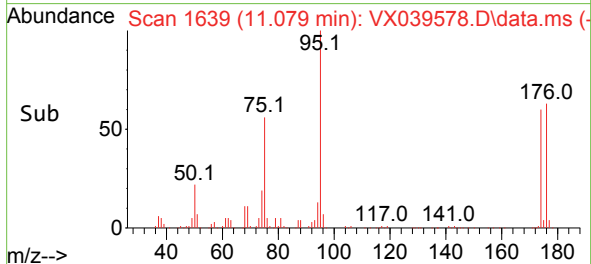
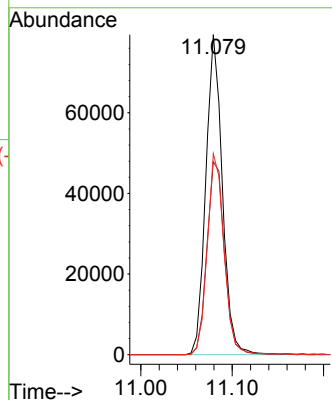
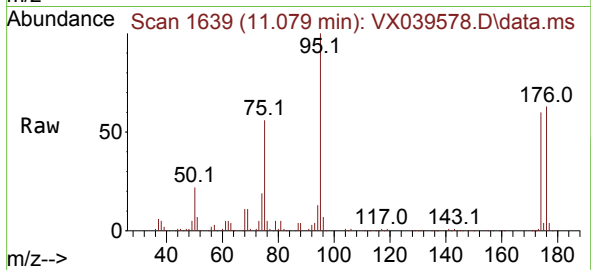




#62
4-Bromofluorobenzene
Concen: 50.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

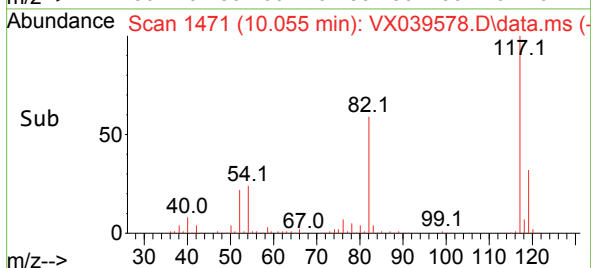
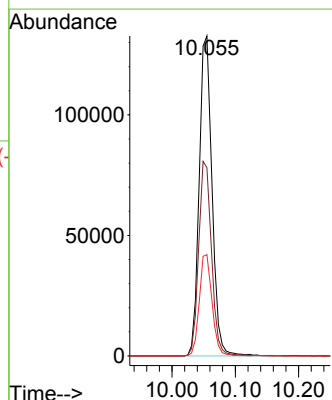
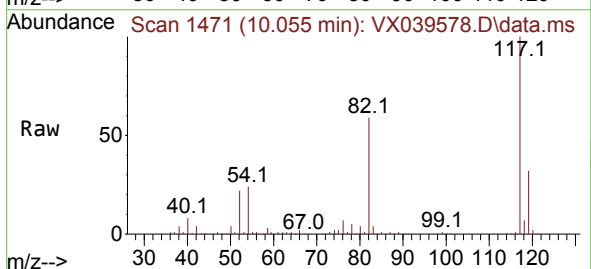
Instrument :
MSVOA_X
ClientSampleId :

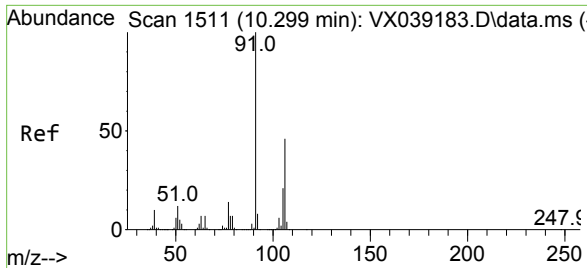
Tgt Ion: 95 Resp: 99300
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion: 117 Resp: 188258
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 31.7 25.5 38.3

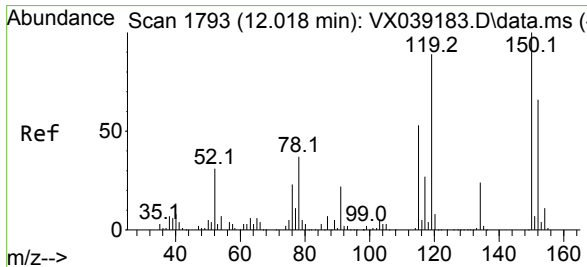
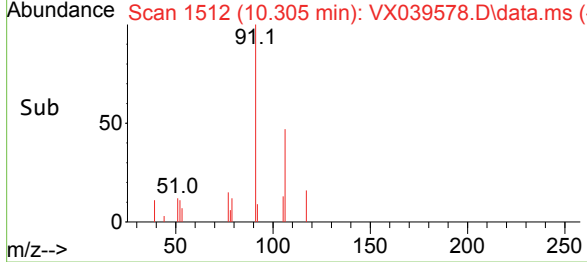
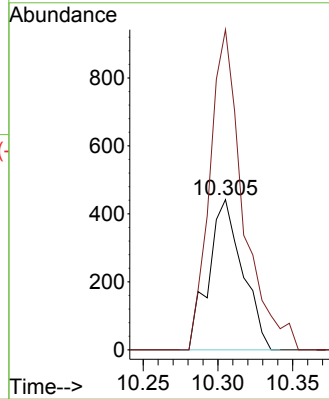
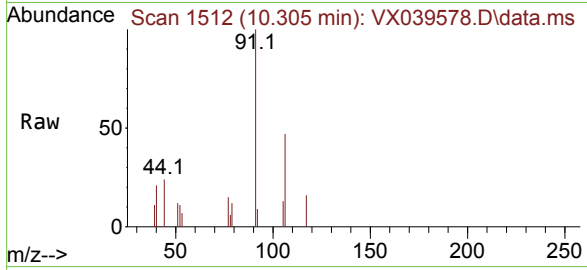




#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

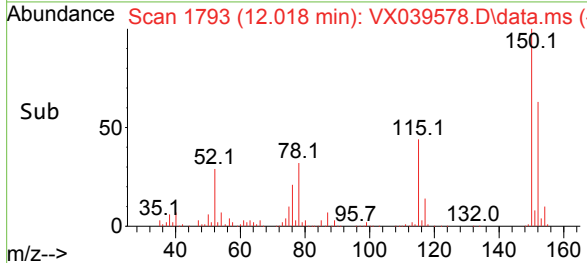
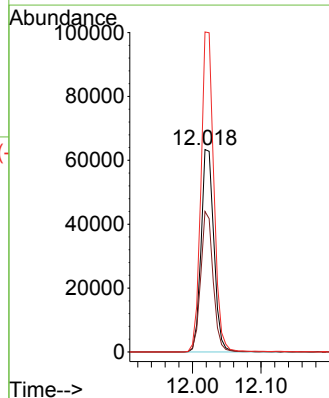
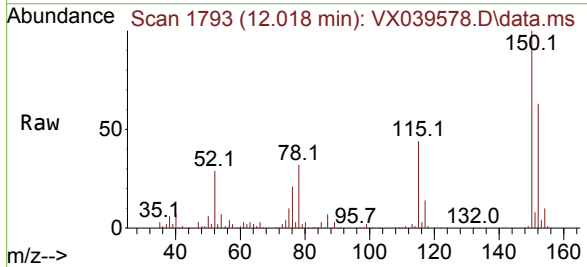
Instrument :
MSVOA_X
ClientSampleId :

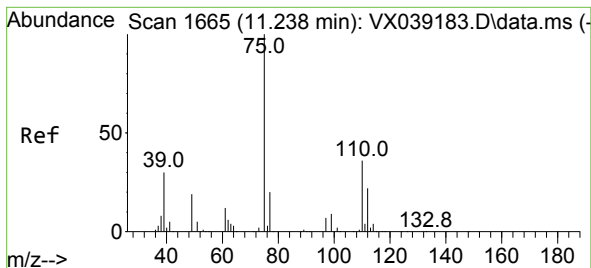
Tgt Ion:106 Resp: 697
Ion Ratio Lower Upper
106 100
91 210.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion:152 Resp: 82763
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 158.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.308 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039578.D

Acq: 02 Jan 2024 17:39

Instrument :

MSVOA_X

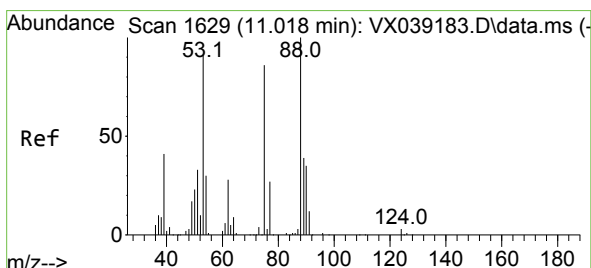
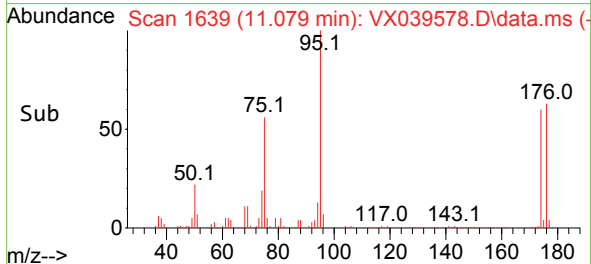
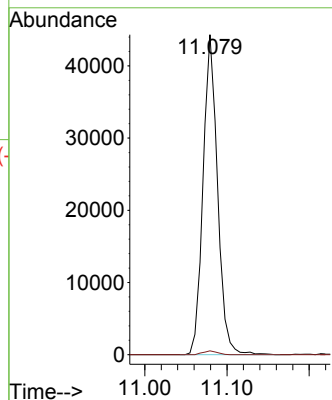
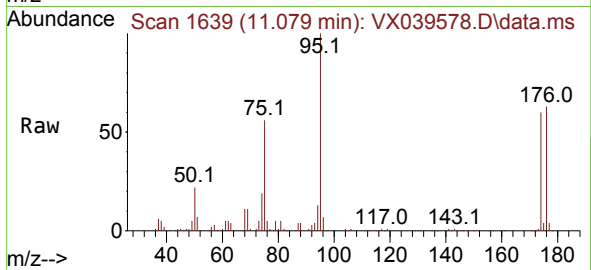
ClientSampleId :

Tgt Ion: 75 Resp: 54190

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.394 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039578.D

Acq: 02 Jan 2024 17:39

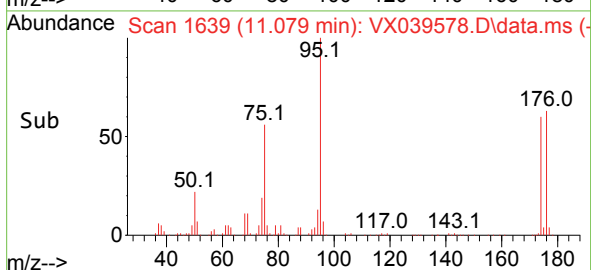
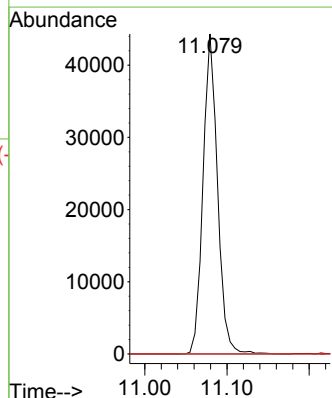
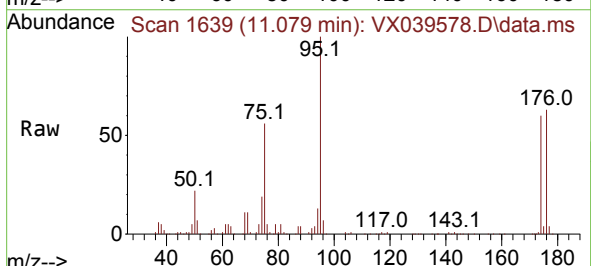
Tgt Ion: 75 Resp: 54190

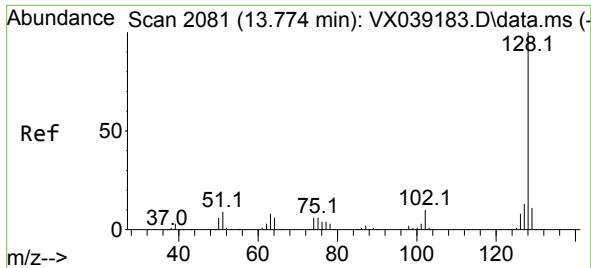
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.221 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

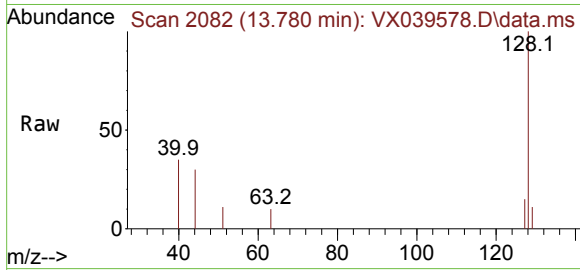
Lab File: VX039578.D

Acq: 02 Jan 2024 17:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1335

Ion Ratio Lower Upper

128 100

127 5.2 10.3 15.5#

129 2.2 8.8 13.2#

