

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039945.D
 Acq On : 25 Jan 2024 11:12
 Operator : JC/MD
 Sample : VX0125WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 01:29:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

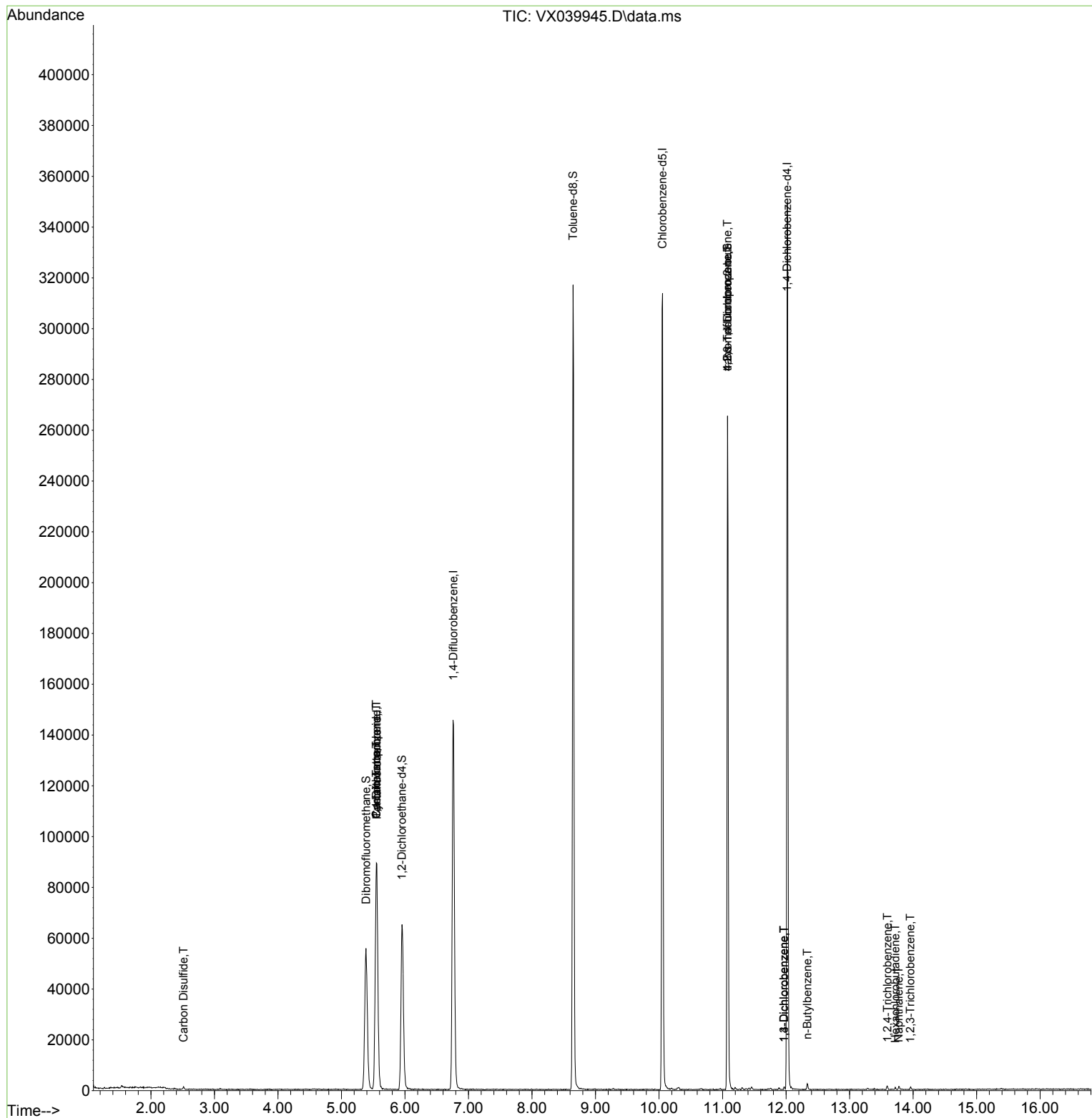
Internal Standards						
1) Pentafluorobenzene	5.556	168	78461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64487	49.064	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.120%
35) Dibromofluoromethane	5.385	113	47546	49.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	8.647	98	178386	49.274	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	69733	49.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	1041	0.384	ug/l	100
31) Cyclohexane	5.550	56	2382	1.373	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	7515	5.030	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8893	6.499	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	39408	22.811	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39408	65.932	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	531	0.235	ug/l	87
88) 1,4-Dichlorobenzene	11.969	146	531	0.227	ug/l	87
89) n-Butylbenzene	12.335	91	1068	0.248	ug/l	88
93) 1,2,4-Trichlorobenzene	13.597	180	540	0.395	ug/l	92
94) Hexachlorobutadiene	13.719	225	168	0.295	ug/l #	63
95) Naphthalene	13.774	128	1406	0.279	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.957	180	287	0.208	ug/l	75

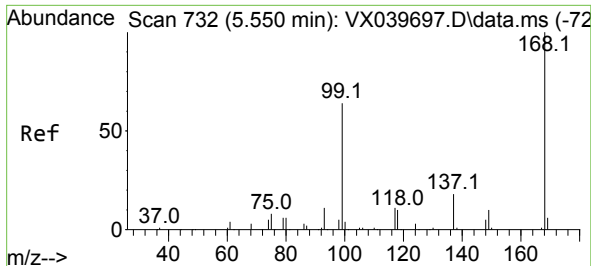
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
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MSVOA_X
ClientSampleId :

Quant Time: Jan 26 01:29:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX039945.D

Acq: 25 Jan 2024 11:12

Instrument :

MSVOA_X

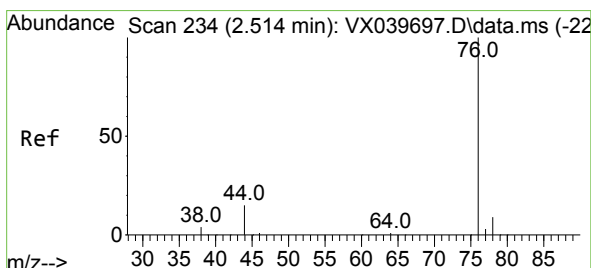
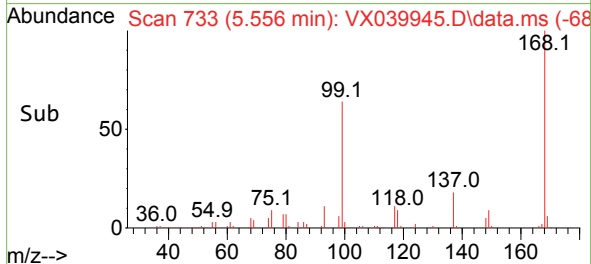
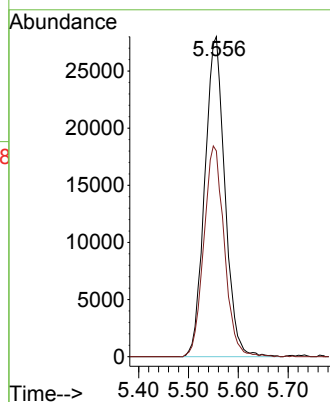
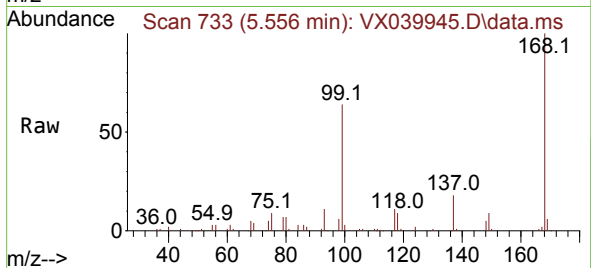
ClientSampleId :

Tgt Ion:168 Resp: 78461

Ion Ratio Lower Upper

168 100

99 64.3 56.6 85.0



#17

Carbon Disulfide

Concen: 0.384 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039945.D

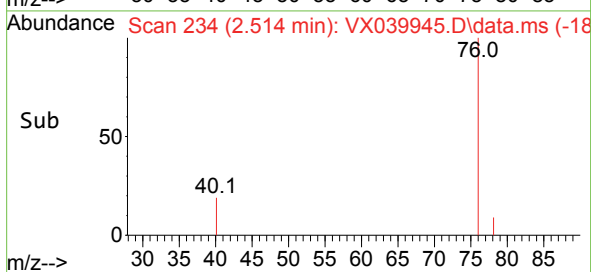
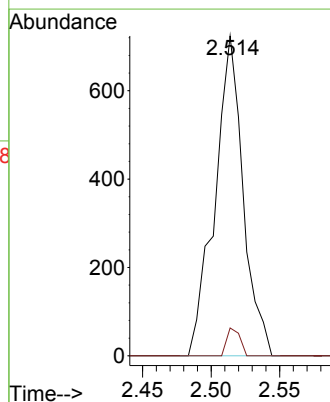
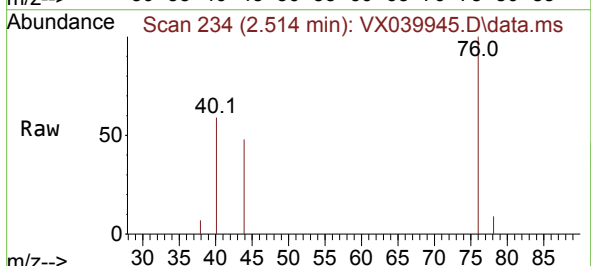
Acq: 25 Jan 2024 11:12

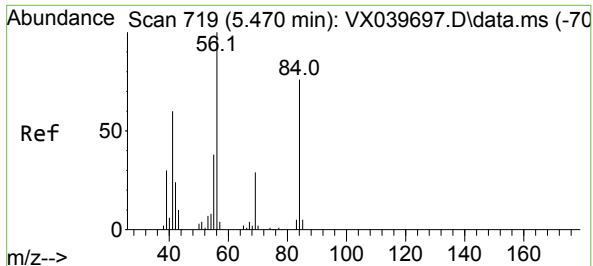
Tgt Ion: 76 Resp: 1041

Ion Ratio Lower Upper

76 100

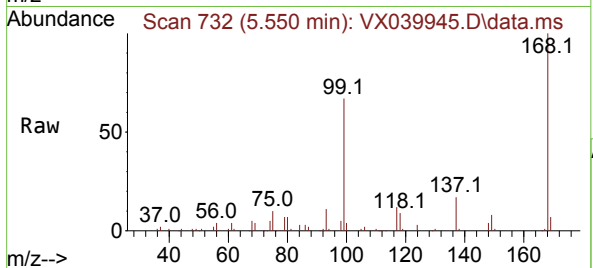
78 8.7 7.0 10.6



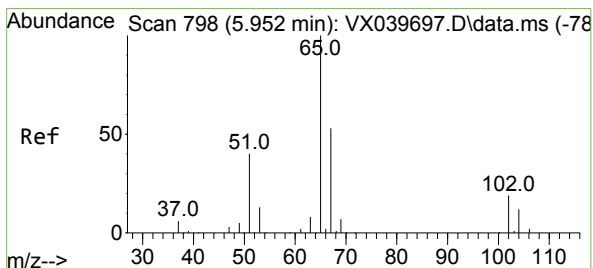
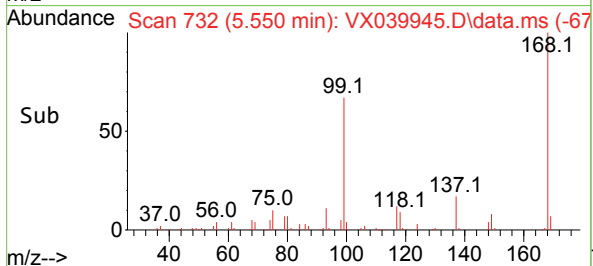
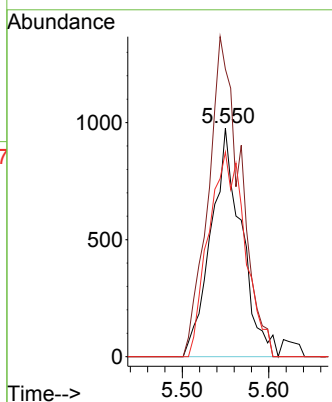


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :

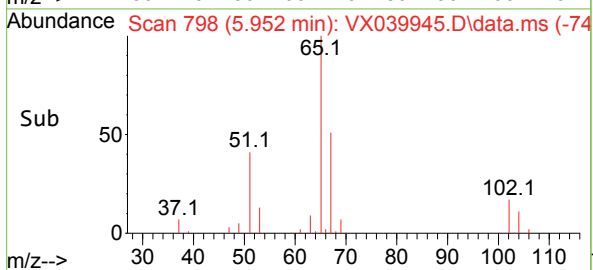
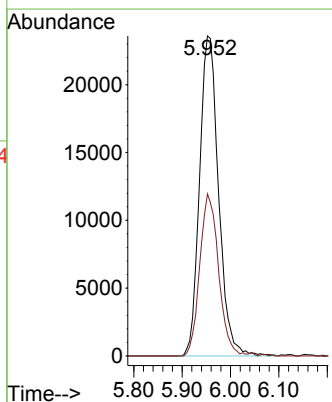
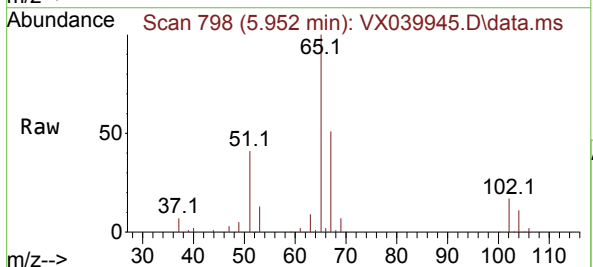


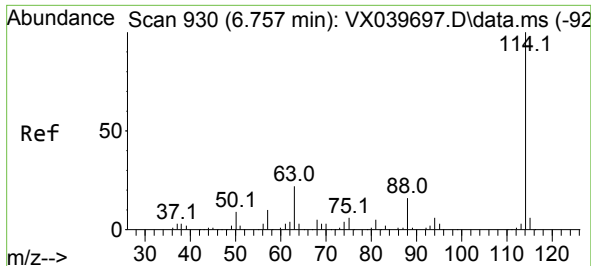
Tgt Ion: 56 Resp: 2382
Ion Ratio Lower Upper
56 100
69 125.8 23.4 35.2#
84 89.5 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.064 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

Tgt Ion: 65 Resp: 64487
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.2

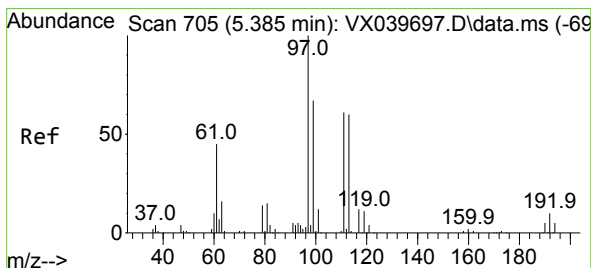
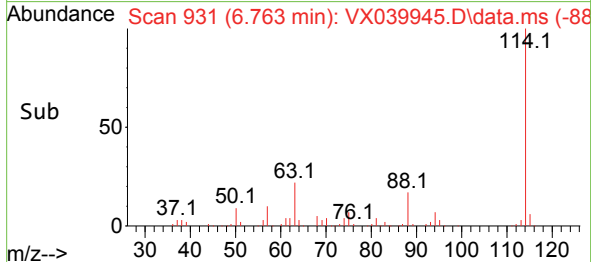
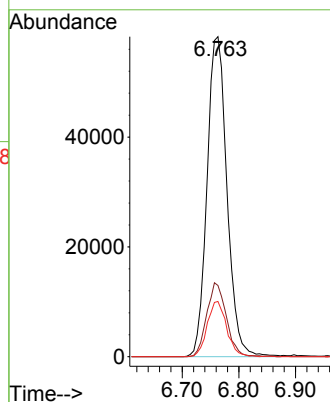
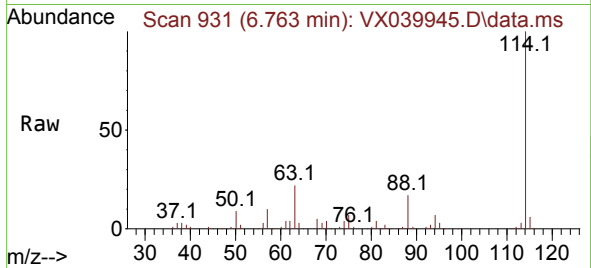




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

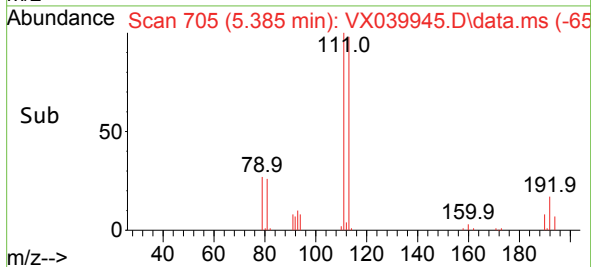
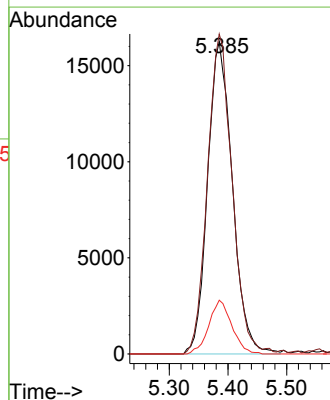
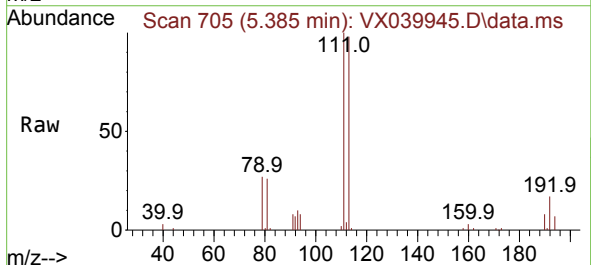
Instrument :
MSVOA_X
ClientSampleId :

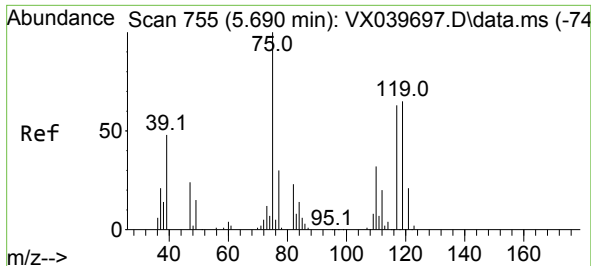
Tgt Ion:114 Resp: 142515
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.532 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

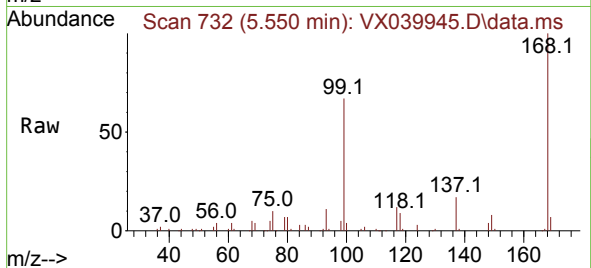
Tgt Ion:113 Resp: 47546
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 16.0 13.3 19.9



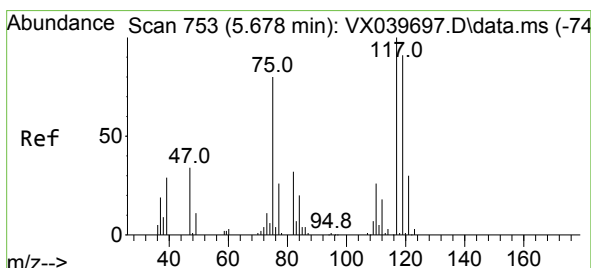
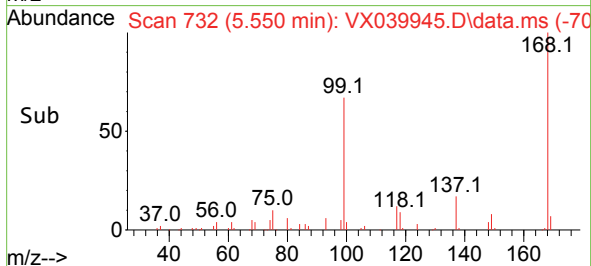
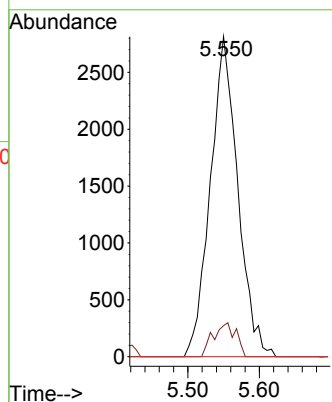


#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 5.550 min Scan# 715
Delta R.T. -0.140 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :

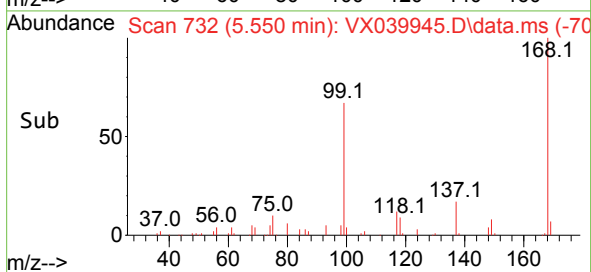
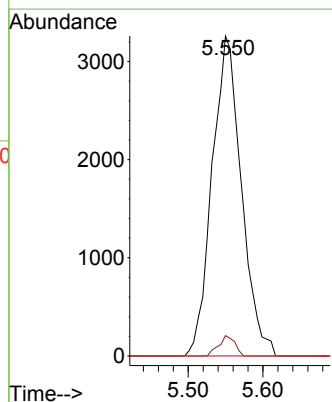
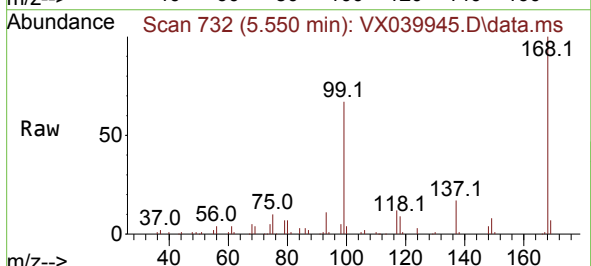


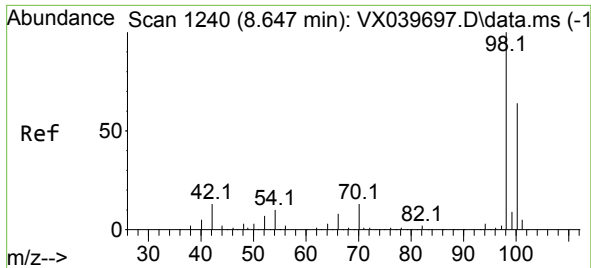
Tgt Ion: 75 Resp: 7515
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

Tgt Ion: 117 Resp: 8893
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#

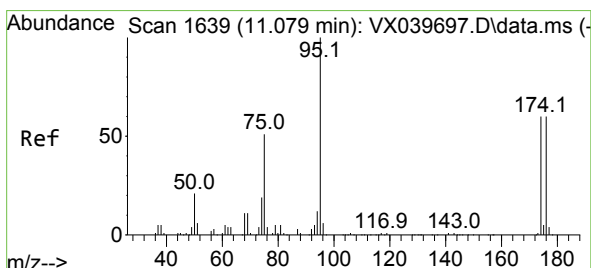
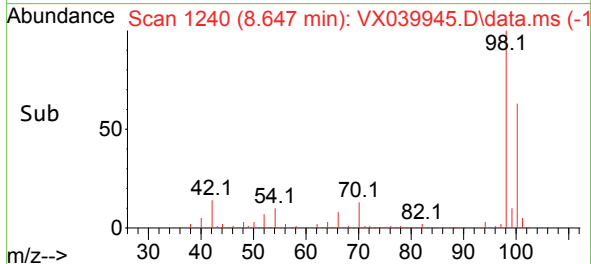
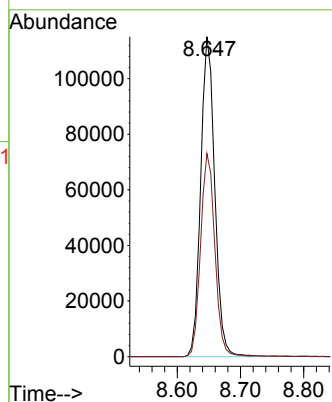
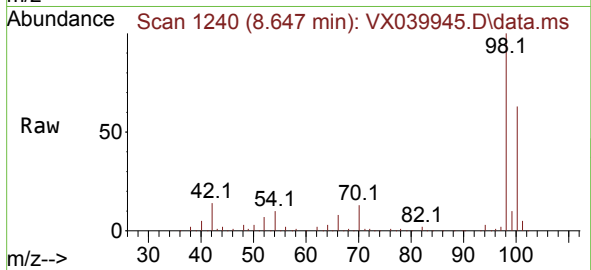




#50
Toluene-d8
Concen: 49.274 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

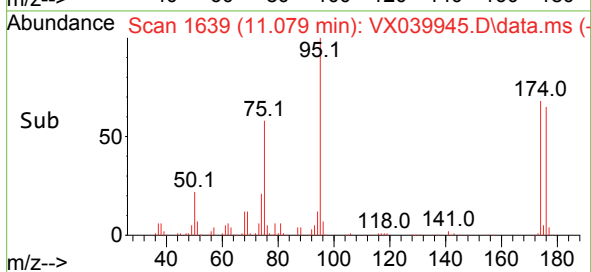
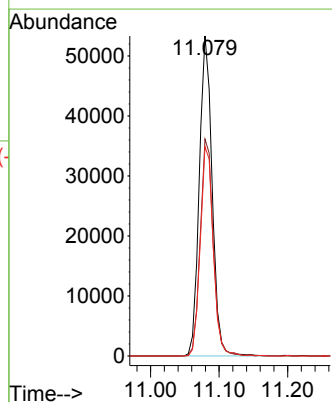
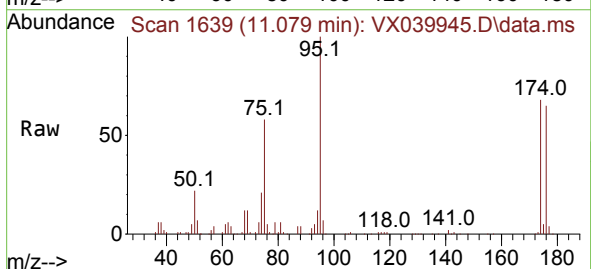
Instrument :
MSVOA_X
ClientSampleId :

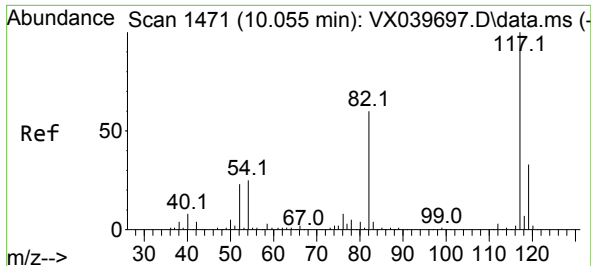
Tgt Ion: 98 Resp: 178386
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

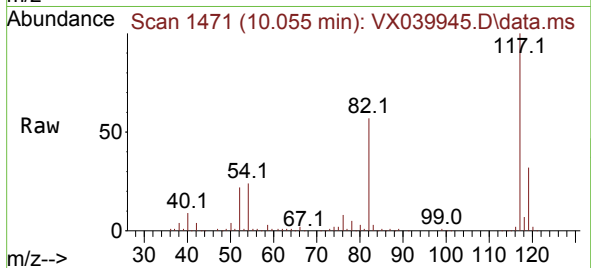
Tgt Ion: 95 Resp: 69733
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 65.8 0.0 131.0



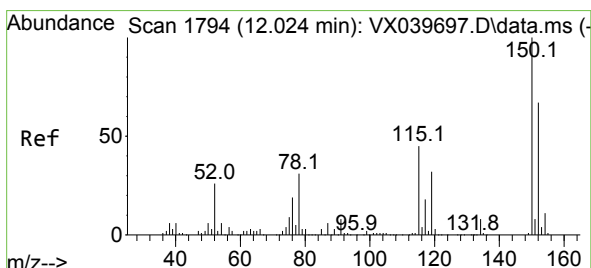
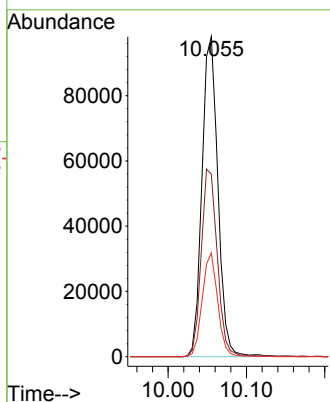
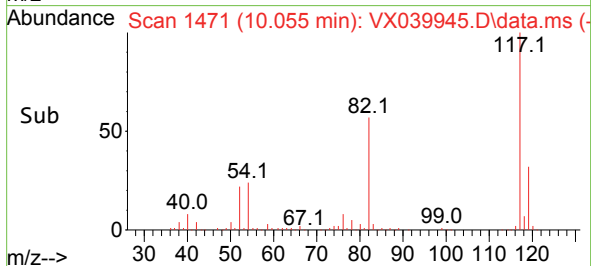


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

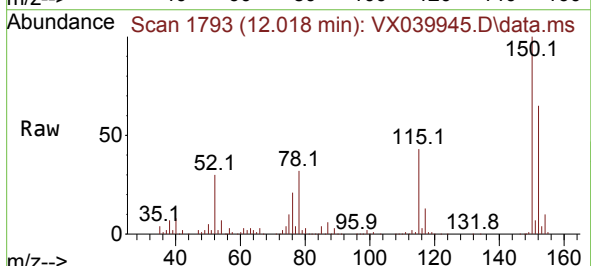
Instrument :
MSVOA_X
ClientSampleId :



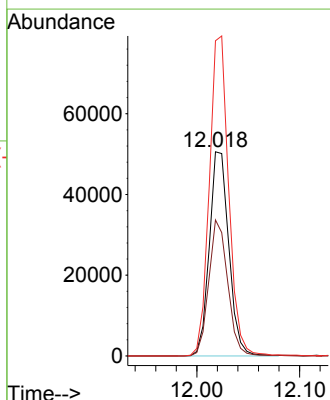
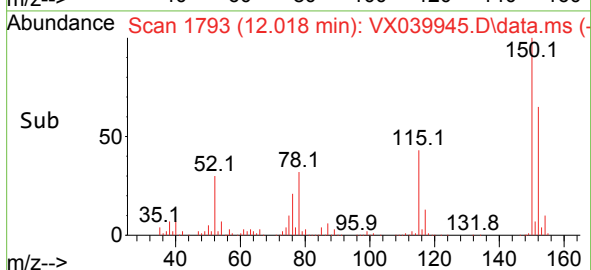
Tgt Ion:117 Resp: 138510
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.4 25.5 38.3

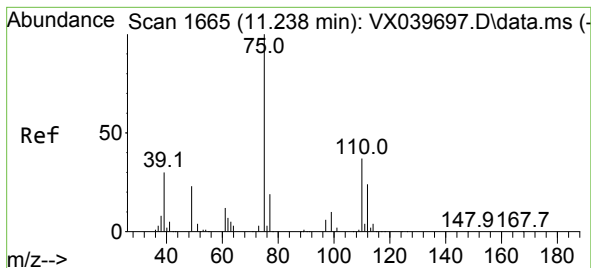


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12



Tgt Ion:152 Resp: 66636
Ion Ratio Lower Upper
152 100
115 64.8 43.3 129.9
150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.811 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039945.D

Acq: 25 Jan 2024 11:12

Instrument :

MSVOA_X

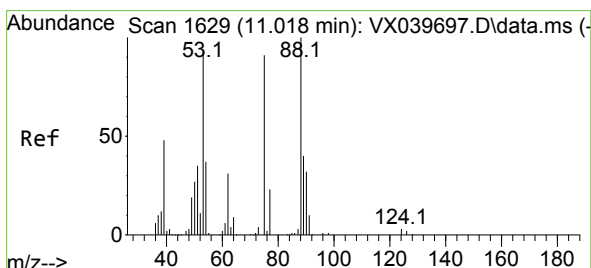
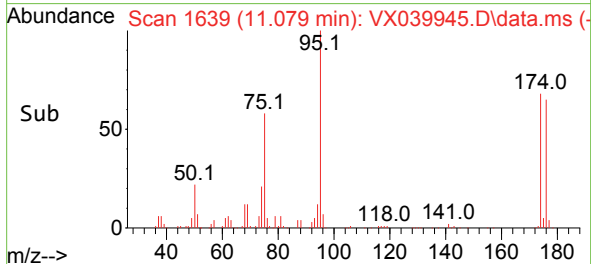
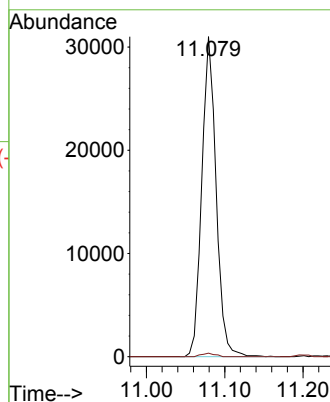
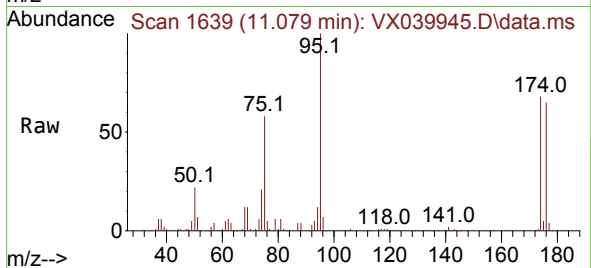
ClientSampleId :

Tgt Ion: 75 Resp: 39408

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.932 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039945.D

Acq: 25 Jan 2024 11:12

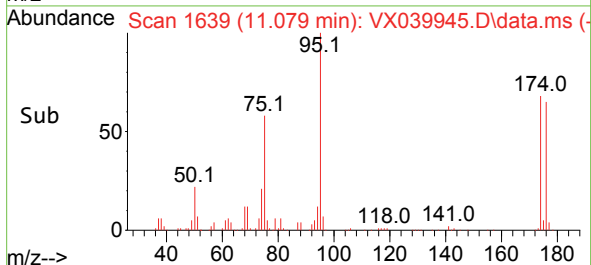
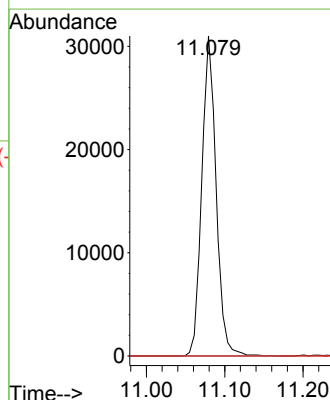
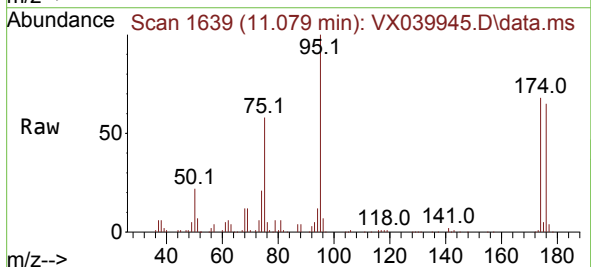
Tgt Ion: 75 Resp: 39408

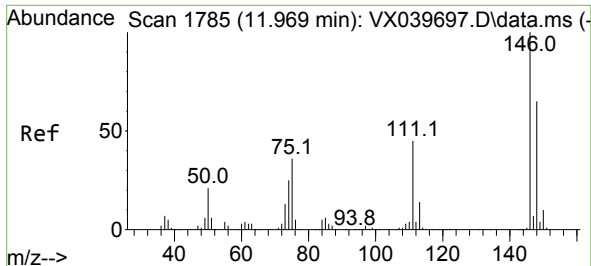
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.235 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

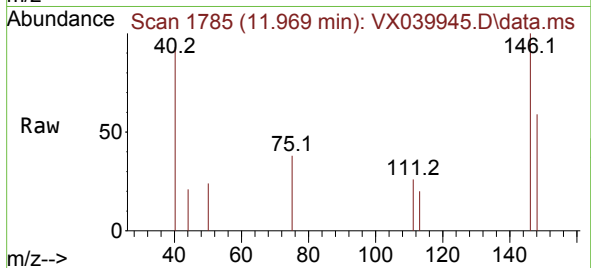
Lab File: VX039945.D

Acq: 25 Jan 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :



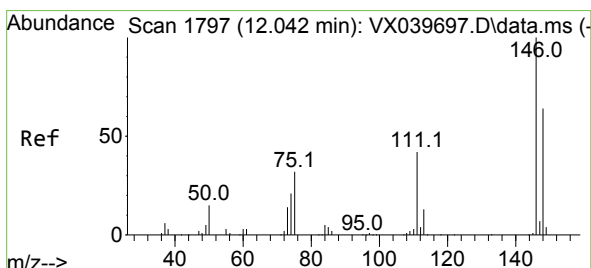
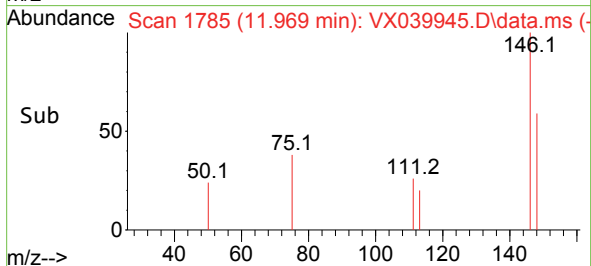
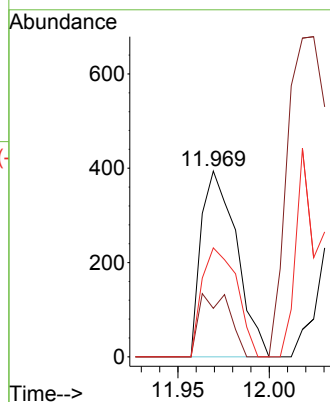
Tgt Ion:146 Resp: 531

Ion Ratio Lower Upper

146 100

111 29.4 22.1 66.1

148 58.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.227 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX039945.D

Acq: 25 Jan 2024 11:12

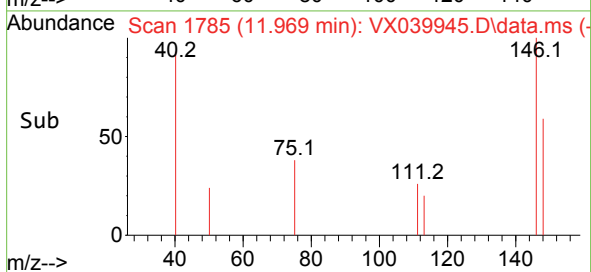
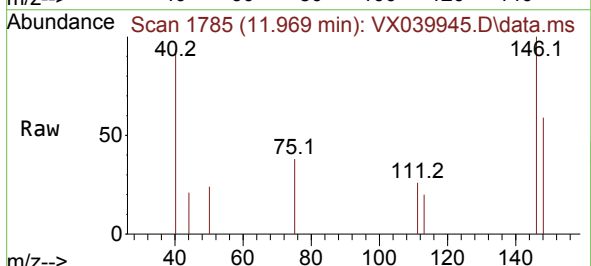
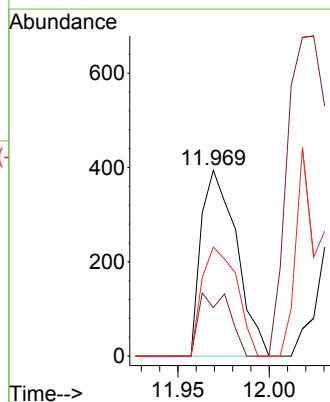
Tgt Ion:146 Resp: 531

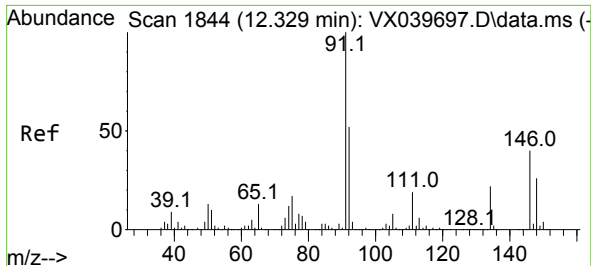
Ion Ratio Lower Upper

146 100

111 29.4 21.3 63.7

148 58.0 31.8 95.4





#89

n-Butylbenzene

Concen: 0.248 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

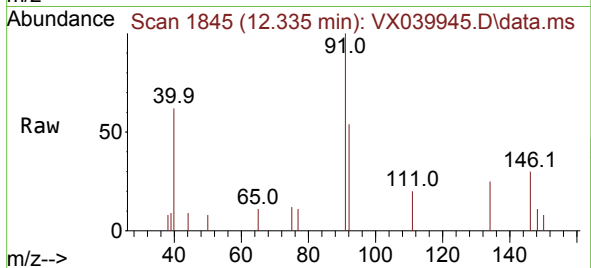
Lab File: VX039945.D

Acq: 25 Jan 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :



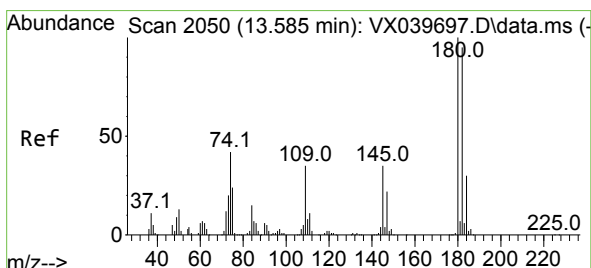
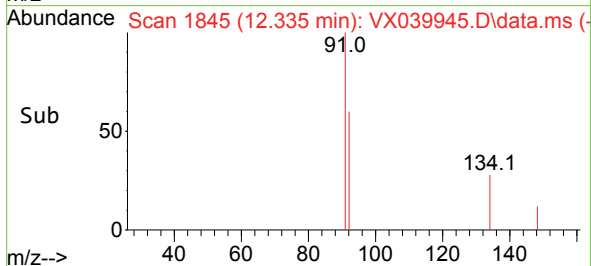
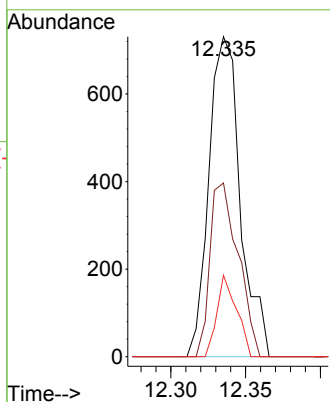
Tgt Ion: 91 Resp: 1068

Ion Ratio Lower Upper

91 100

92 48.7 27.4 82.0

134 15.8 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.395 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX039945.D

Acq: 25 Jan 2024 11:12

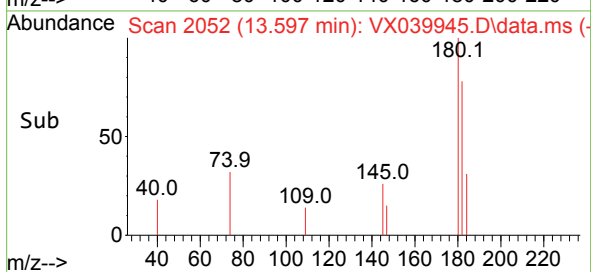
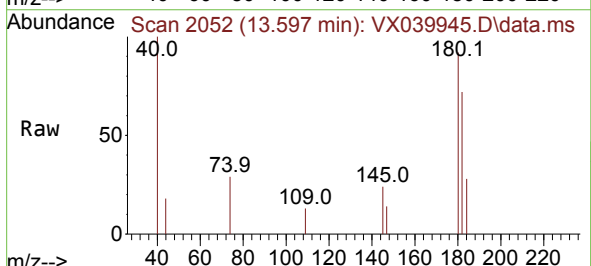
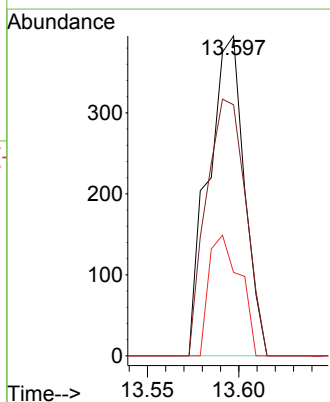
Tgt Ion:180 Resp: 540

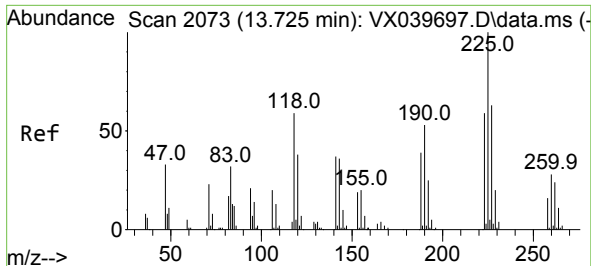
Ion Ratio Lower Upper

180 100

182 87.6 48.3 144.8

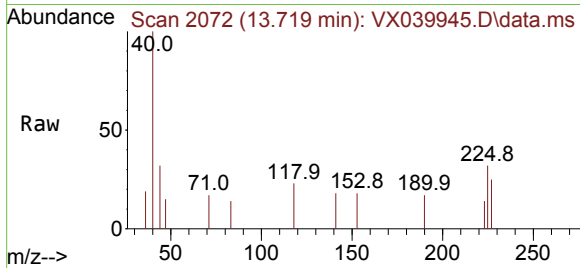
145 32.6 18.0 54.0



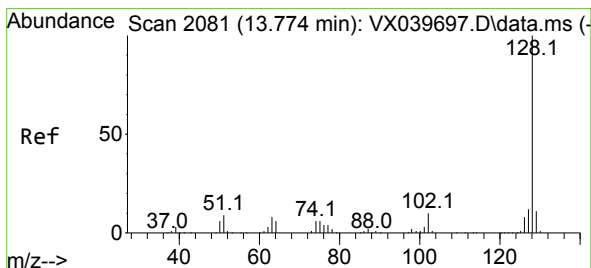
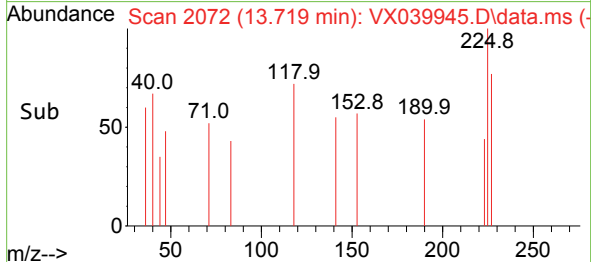
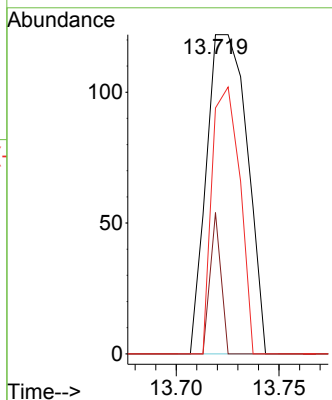


#94
Hexachlorobutadiene
Concen: 0.295 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :

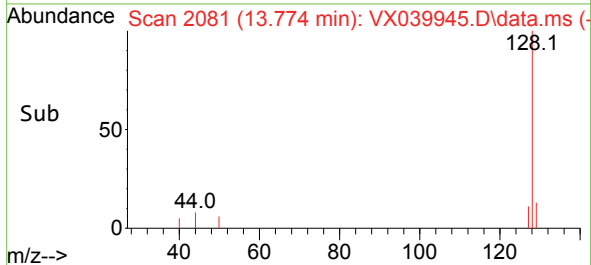
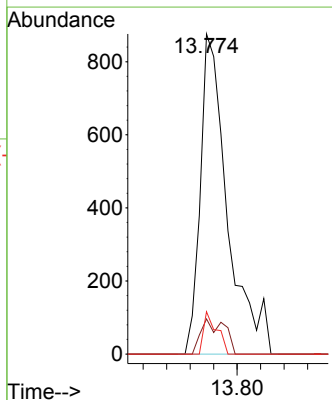
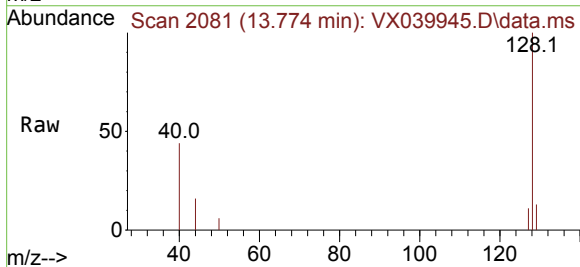


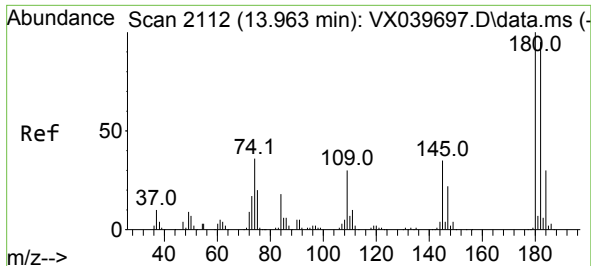
Tgt Ion:225 Resp: 168
Ion Ratio Lower Upper
225 100
223 11.9 31.1 93.2#
227 57.1 32.5 97.5



#95
Naphthalene
Concen: 0.279 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039945.D
Acq: 25 Jan 2024 11:12

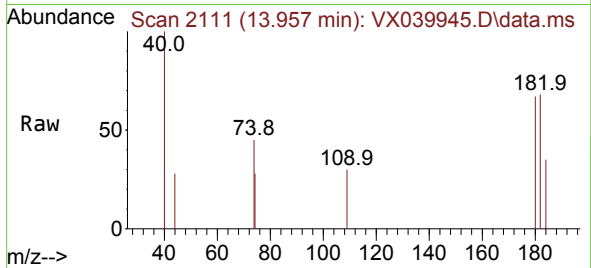
Tgt Ion:128 Resp: 1406
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5#
129 6.4 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.208 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX039945.D
 Acq: 25 Jan 2024 11:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	287
Ion	Ratio	Lower	Upper
180	100		
182	119.2	46.9	140.6
145	24.0	17.8	53.5

