

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
 Data File : VX039711.D
 Acq On : 11 Jan 2024 09:35
 Operator : JC/MD
 Sample : VX0111MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 01:49:10 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)

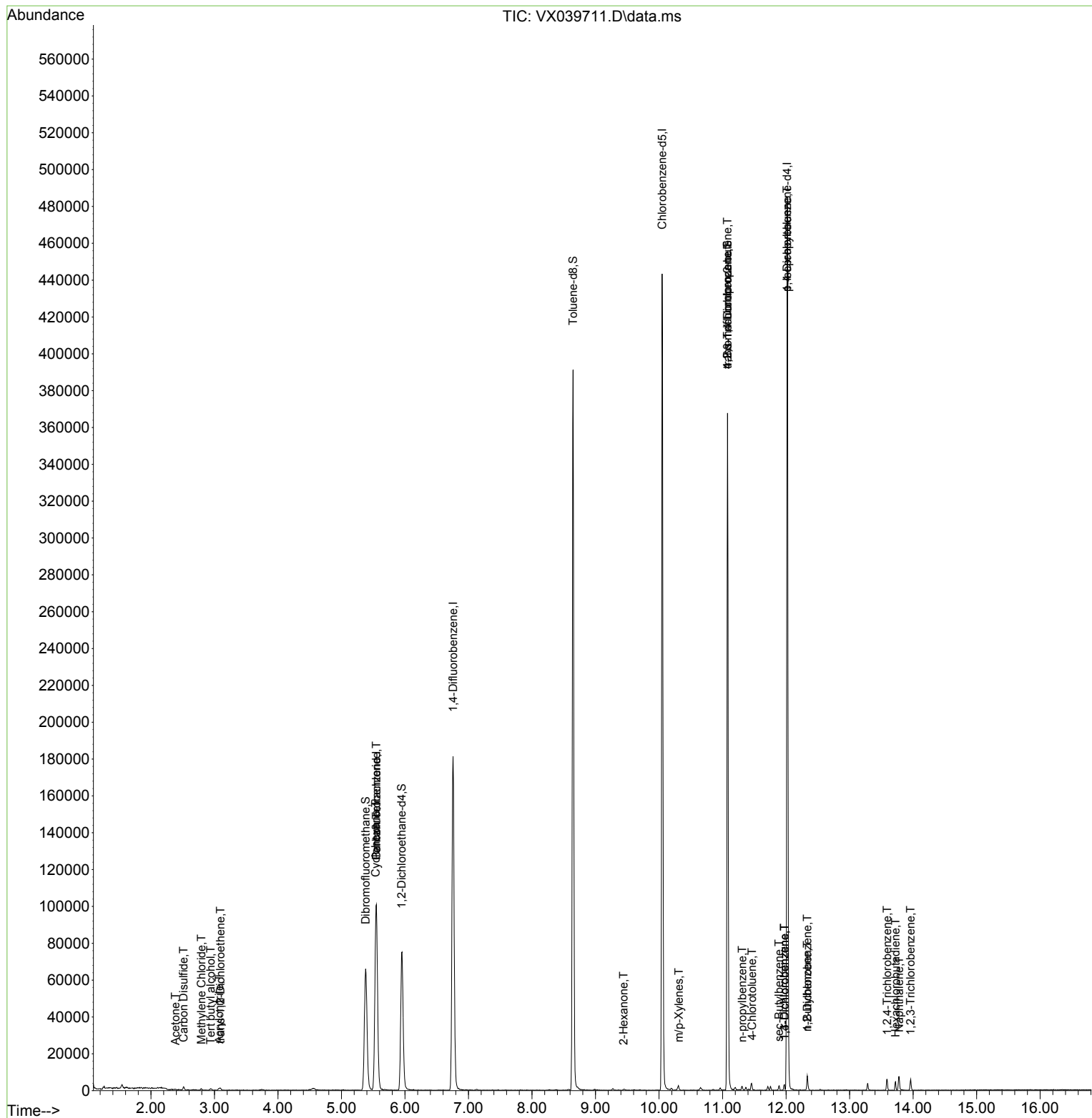
Internal Standards						
1) Pentafluorobenzene	5.550	168	90764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	180249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72384	47.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.220%
35) Dibromofluoromethane	5.379	113	57650	47.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	8.647	98	226052	49.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	96405	53.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	619	1.564	ug/l #	78
13) Acrolein	2.233	56	222	Below Cal		97
15) Acrylonitrile	3.075	53	634	0.775	ug/l	96
16) Acetone	2.386	43	458	0.536	ug/l #	47
17) Carbon Disulfide	2.514	76	1937	0.617	ug/l #	89
20) Methylene Chloride	2.794	84	283	0.219	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	387	0.337	ug/l #	56
31) Cyclohexane	5.538	56	2799	1.395	ug/l #	25
38) Carbon Tetrachloride	5.550	117	10206	5.897	ug/l #	15
59) 2-Hexanone	9.439	43	506	0.251	ug/l	75
68) m/p-Xylenes	10.311	106	667	0.252	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	53766	22.738	ug/l #	38
78) n-propylbenzene	11.311	91	1853	0.211	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	53766	65.745	ug/l #	5
82) 4-Chlorotoluene	11.463	91	1476	0.240	ug/l	94
85) sec-Butylbenzene	11.890	105	1580	0.207	ug/l	95
86) p-Isopropyltoluene	12.018	119	1561	0.256	ug/l	84
87) 1,3-Dichlorobenzene	11.975	146	1221	0.394	ug/l	98
88) 1,4-Dichlorobenzene	11.975	146	1221	0.381	ug/l	98
89) n-Butylbenzene	12.335	91	2565	0.435	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	801	0.261	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	1549	0.827	ug/l	91
94) Hexachlorobutadiene	13.725	225	598	0.768	ug/l	89
95) Naphthalene	13.780	128	5579	0.809	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1442	0.763	ug/l	96

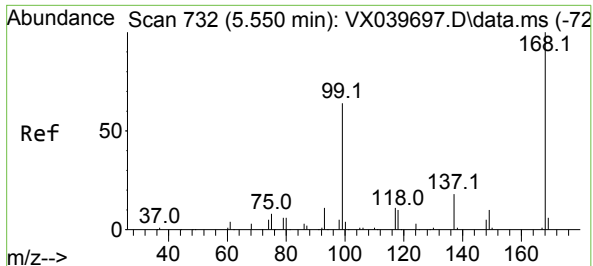
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
Data File : VX039711.D
Acq On : 11 Jan 2024 09:35
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Sample : VX0111MBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

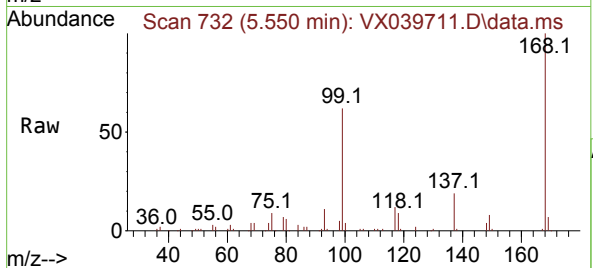
Quant Time: Jan 12 01:49:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



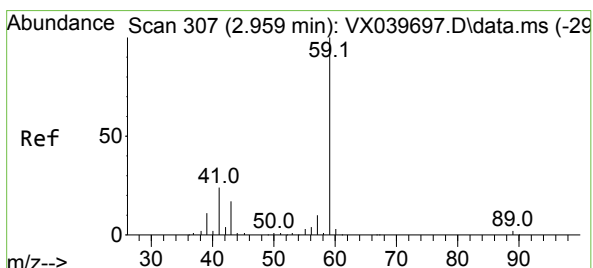
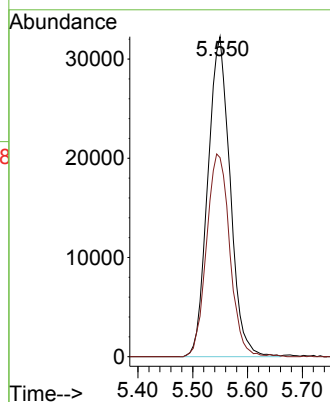
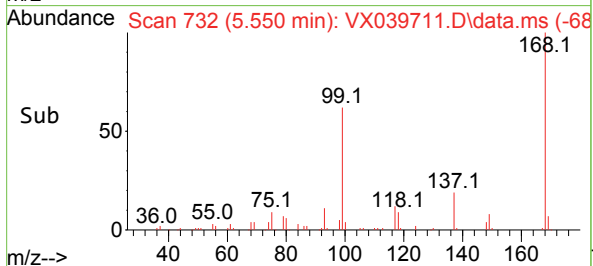


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Instrument :
MSVOA_X
ClientSampleId :

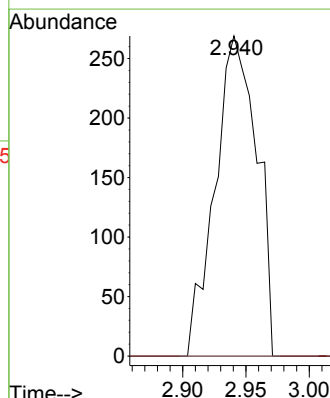
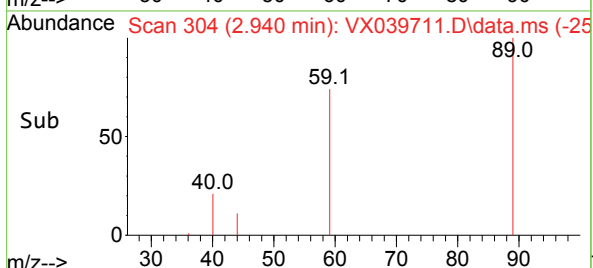
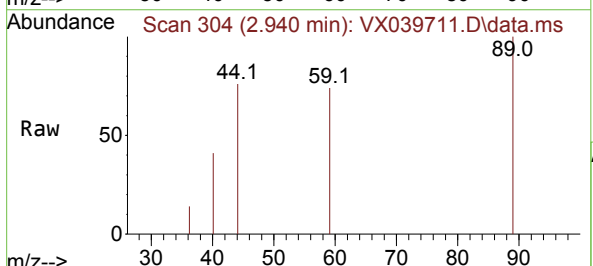


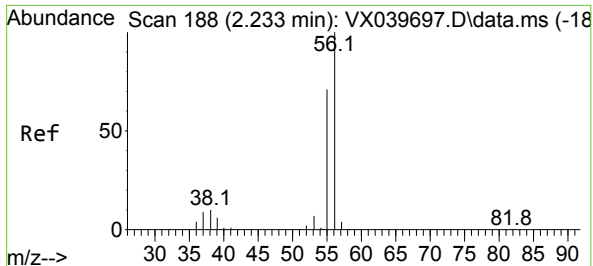
Tgt Ion:168 Resp: 90764
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.564 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Tgt Ion: 59 Resp: 619
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

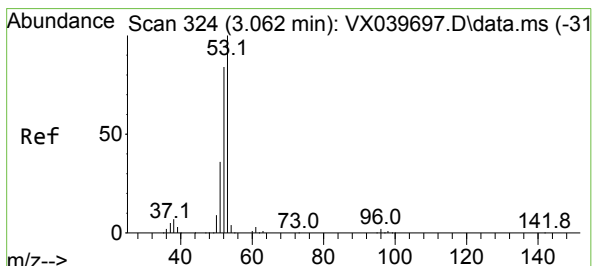
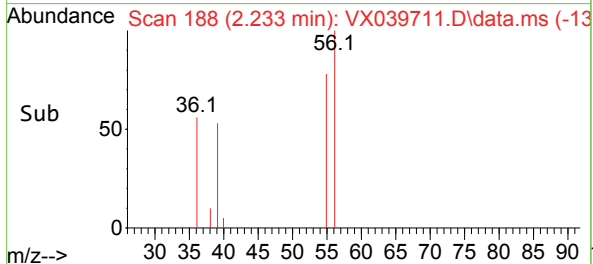
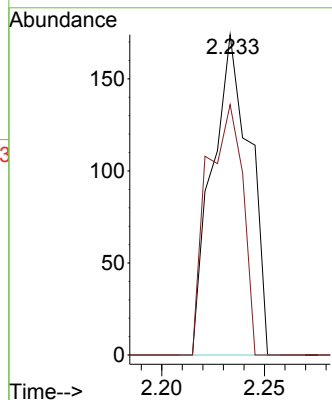
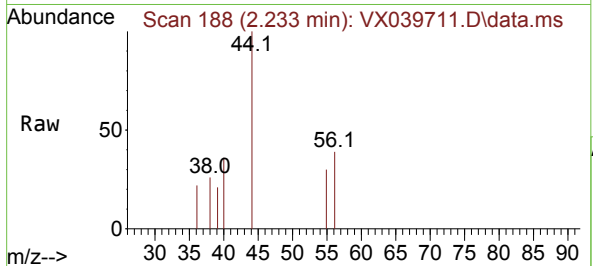




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

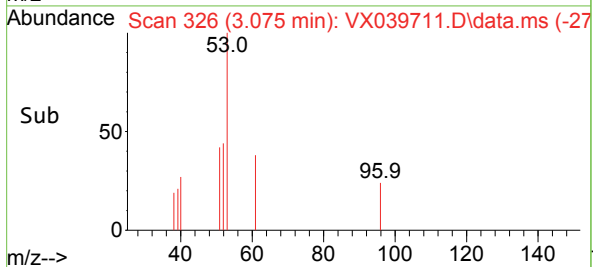
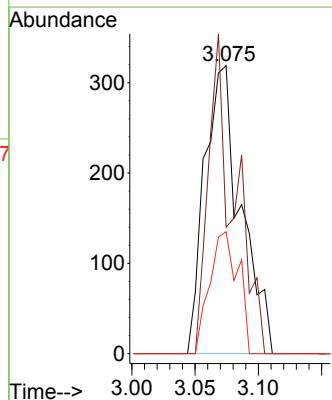
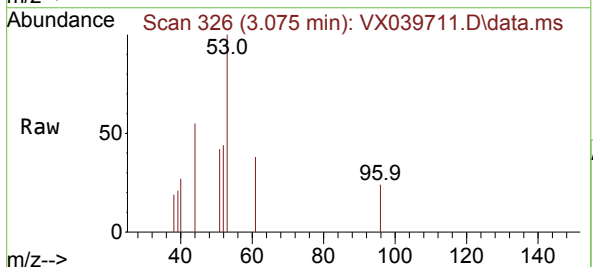
Instrument :
MSVOA_X
ClientSampleId :

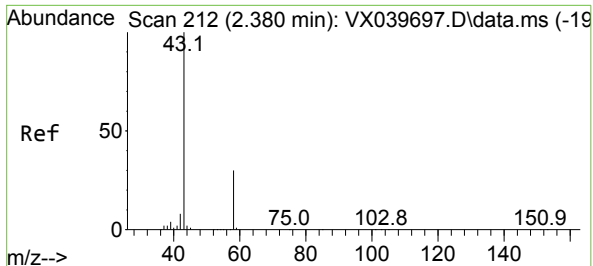
Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 73.9 57.1 85.7



#15
Acrylonitrile
Concen: 0.775 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Tgt Ion: 53 Resp: 634
Ion Ratio Lower Upper
53 100
52 79.2 66.0 99.0
51 33.6 29.8 44.6

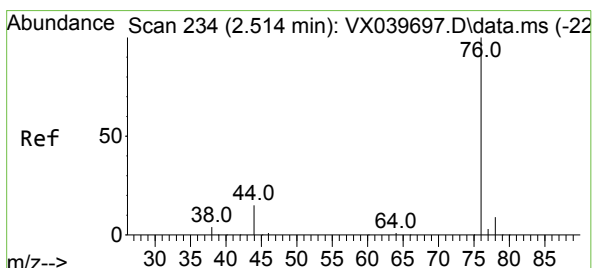
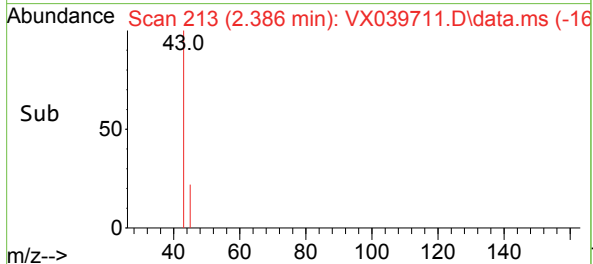
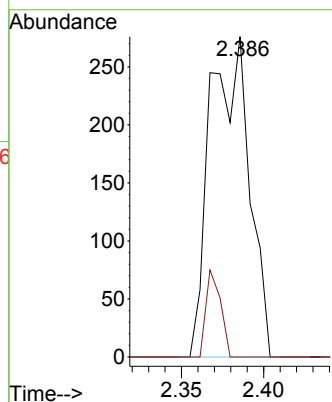
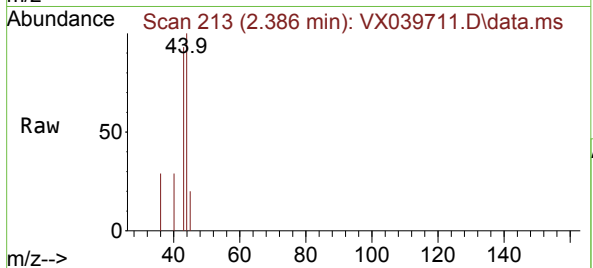




#16
Acetone
Concen: 0.536 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

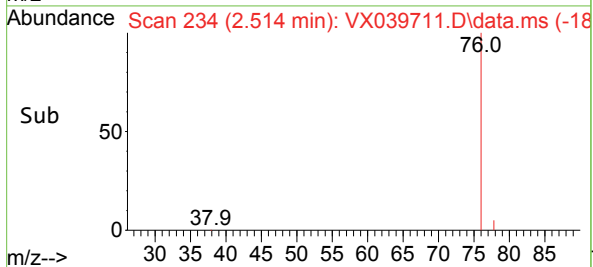
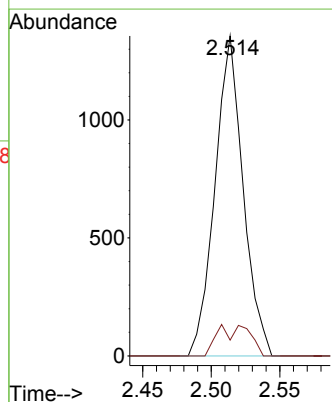
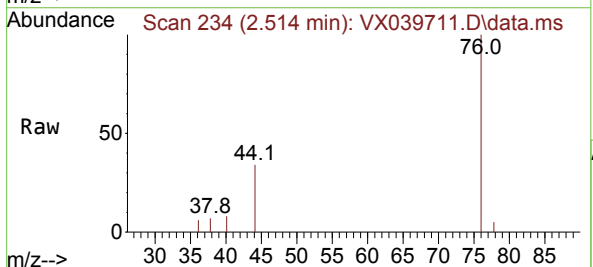
Instrument :
MSVOA_X
ClientSampleId :

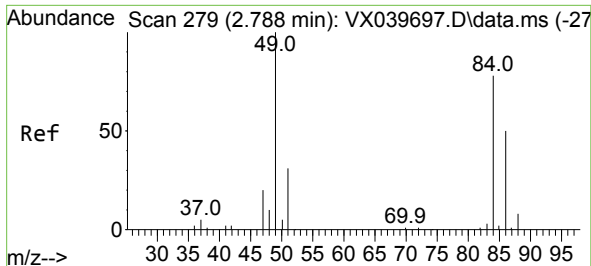
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Tgt Ion: 76 Resp: 1937
Ion Ratio Lower Upper
76 100
78 4.9 7.0 10.6#





#20

Methylene Chloride

Concen: 0.219 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

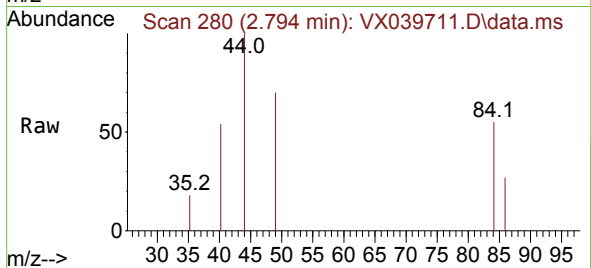
Lab File: VX039711.D

Acq: 11 Jan 2024 09:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 283

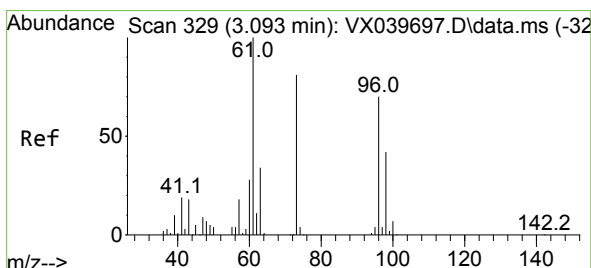
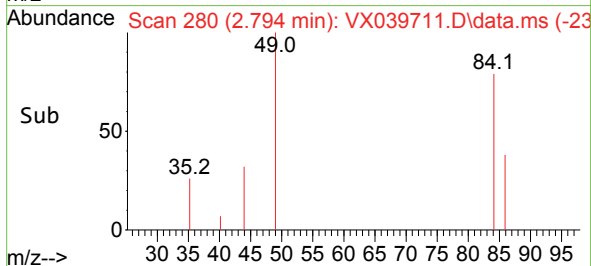
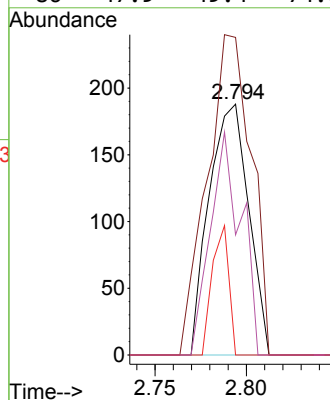
Ion Ratio Lower Upper

84 100

49 126.6 103.6 155.4

51 0.0 33.8 50.6#

86 47.9 49.4 74.0#



#21

trans-1,2-Dichloroethene

Concen: 0.337 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX039711.D

Acq: 11 Jan 2024 09:35

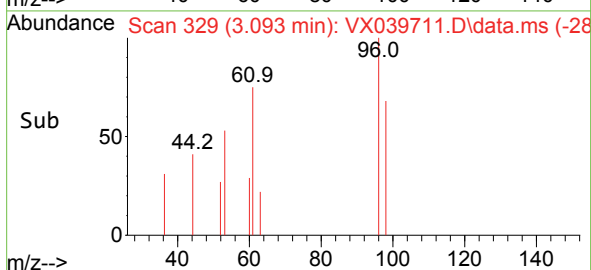
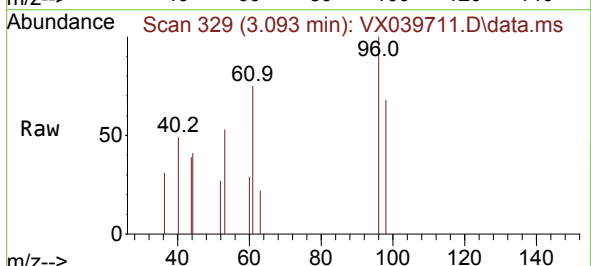
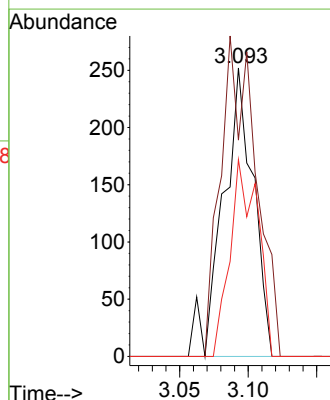
Tgt Ion: 96 Resp: 387

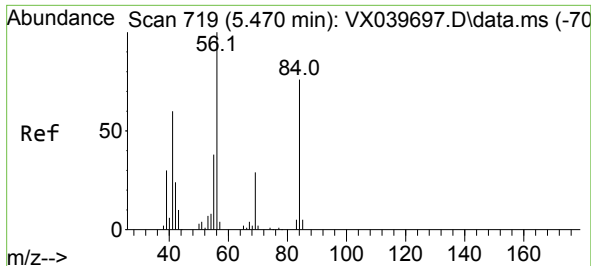
Ion Ratio Lower Upper

96 100

61 75.0 119.2 178.8#

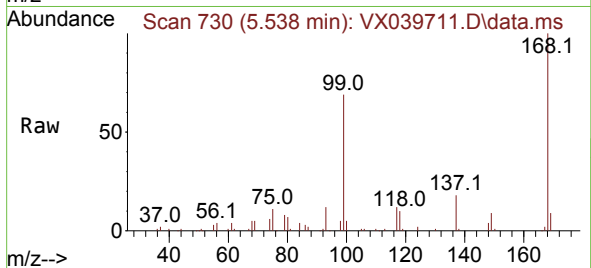
98 68.3 48.7 73.1



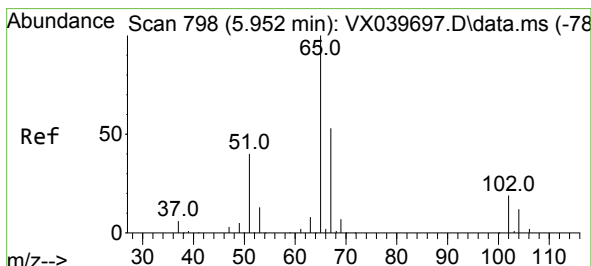
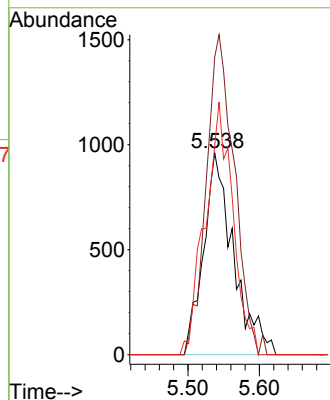
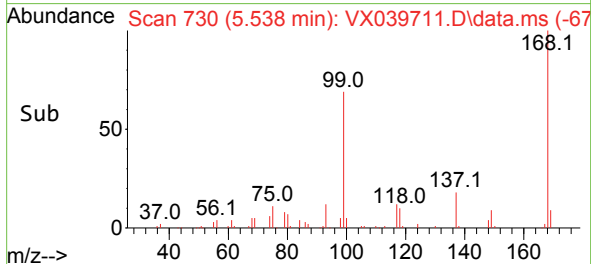


#31
Cyclohexane
Concen: 1.395 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Instrument :
MSVOA_X
ClientSampleId :

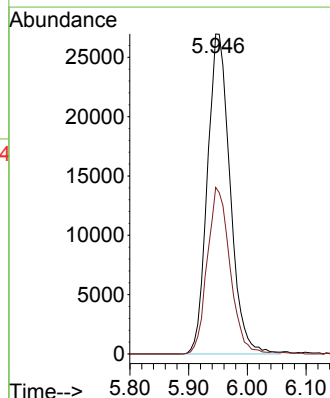
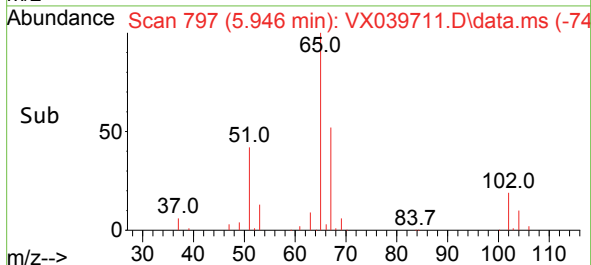
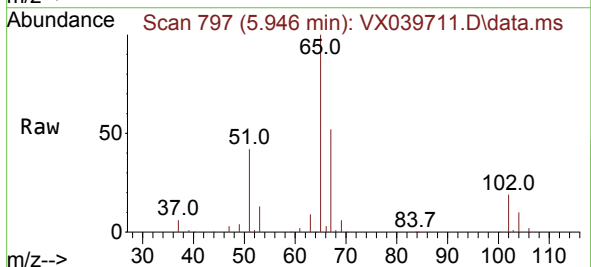


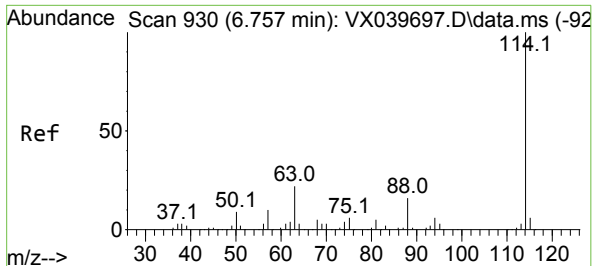
Tgt Ion: 56 Resp: 2799
Ion Ratio Lower Upper
56 100
69 147.7 23.4 35.2#
84 103.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.608 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Tgt Ion: 65 Resp: 72384
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

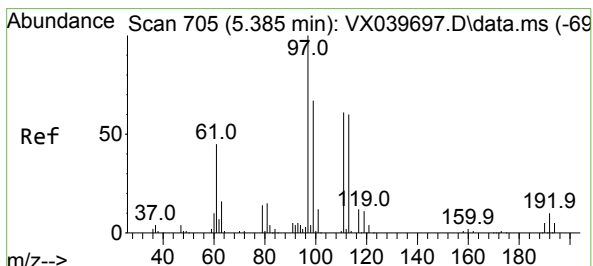
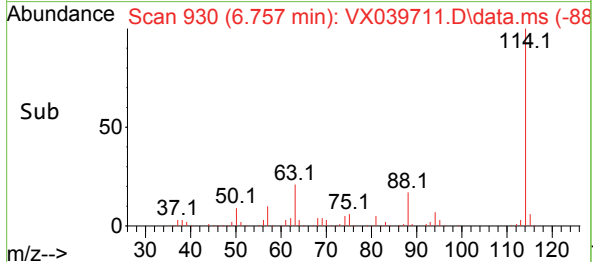
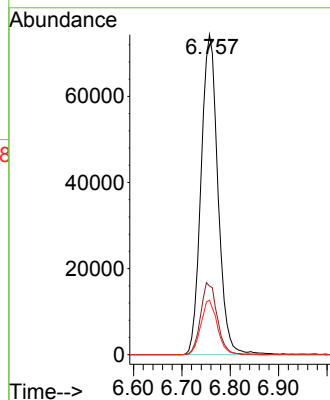
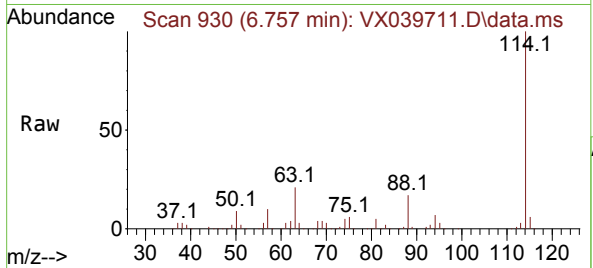




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

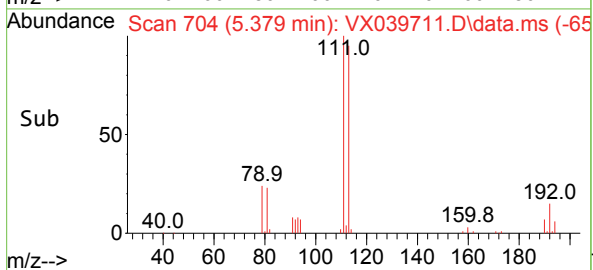
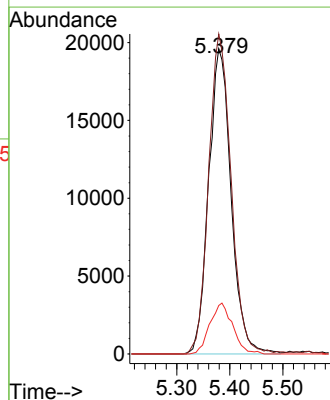
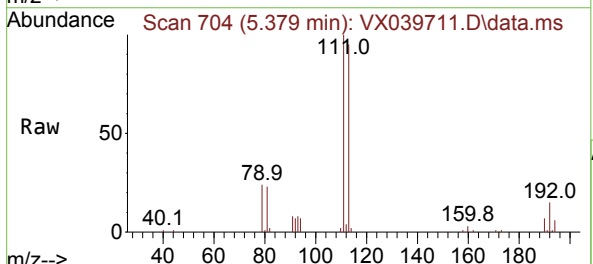
Instrument :
MSVOA_X
ClientSampleId :

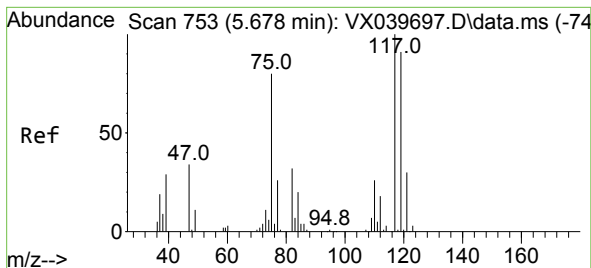
Tgt Ion:114 Resp: 180249
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.485 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Tgt Ion:113 Resp: 57650
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 17.0 13.3 19.9





#38

Carbon Tetrachloride

Concen: 5.897 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

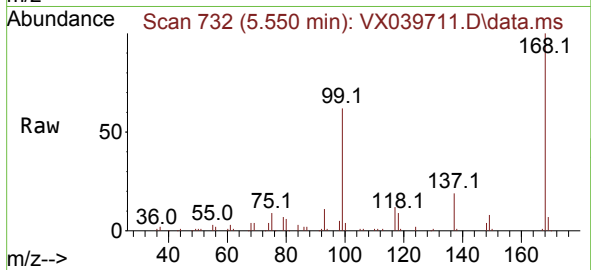
Lab File: VX039711.D

Acq: 11 Jan 2024 09:35

Instrument :

MSVOA_X

ClientSampleId :



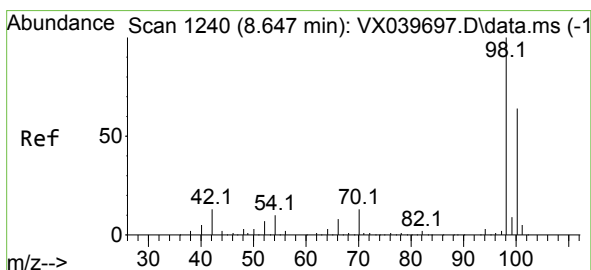
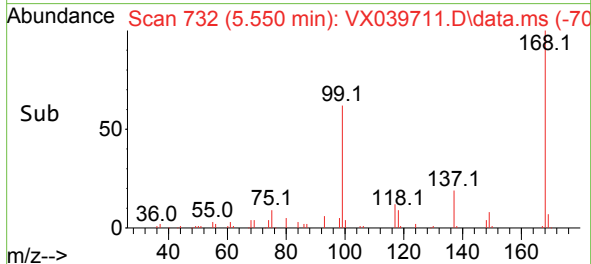
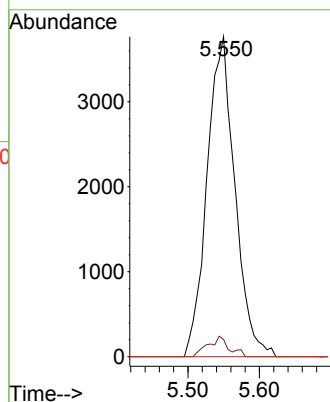
Tgt Ion:117 Resp: 10206

Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.368 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039711.D

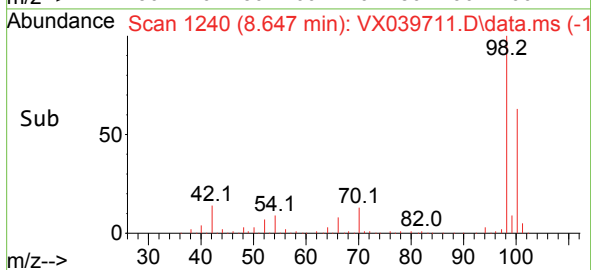
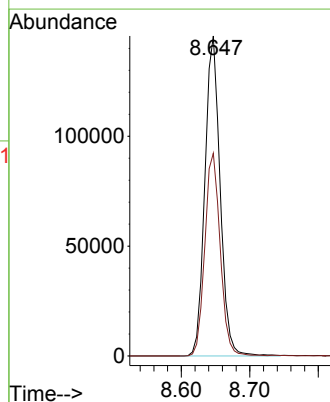
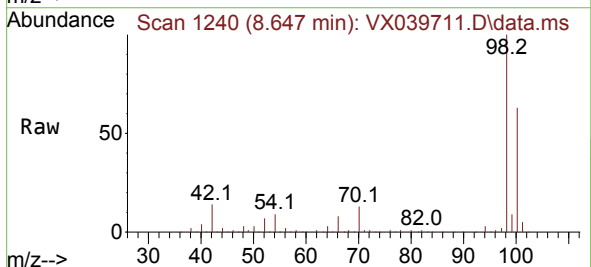
Acq: 11 Jan 2024 09:35

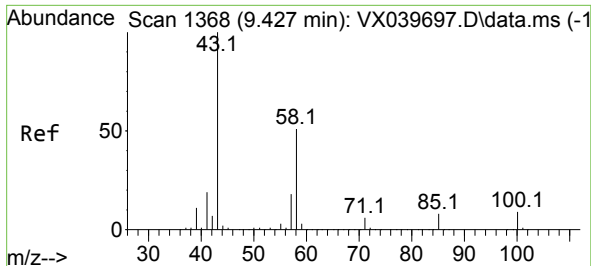
Tgt Ion: 98 Resp: 226052

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7





#59

2-Hexanone

Concen: 0.251 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX039711.D

Acq: 11 Jan 2024 09:35

Instrument :

MSVOA_X

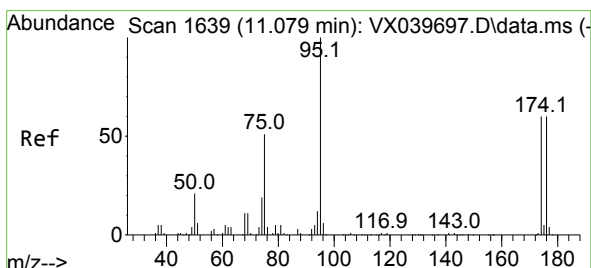
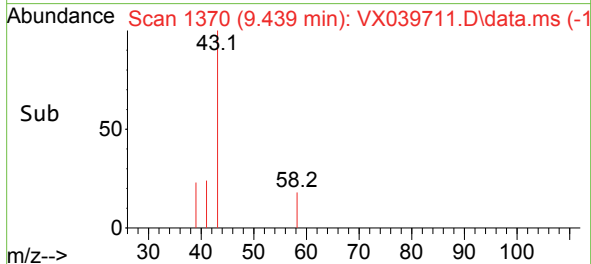
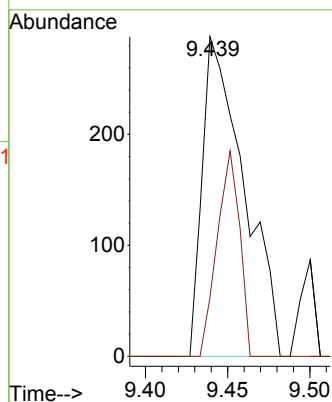
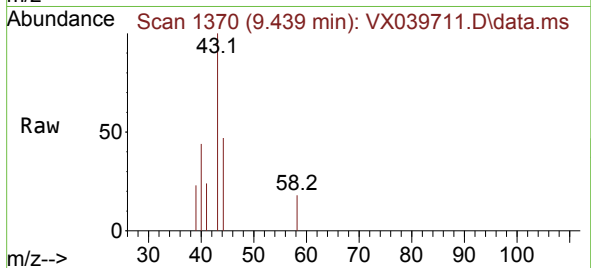
ClientSampleId :

Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

58 34.8 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 53.841 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039711.D

Acq: 11 Jan 2024 09:35

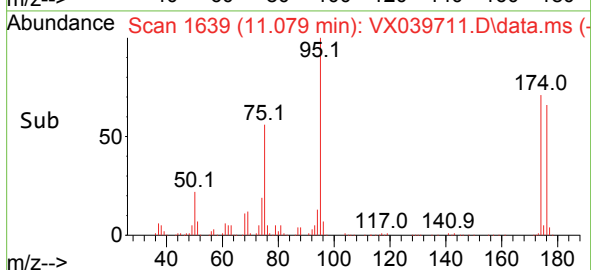
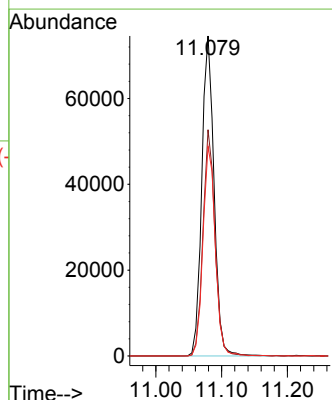
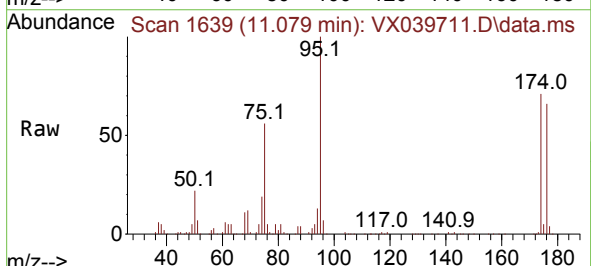
Tgt Ion: 95 Resp: 96405

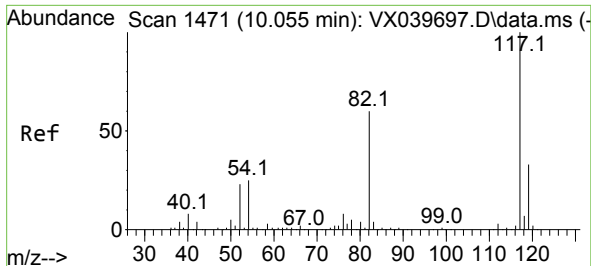
Ion Ratio Lower Upper

95 100

174 69.6 0.0 135.6

176 66.2 0.0 131.0

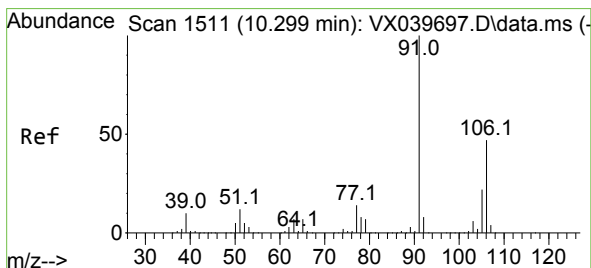
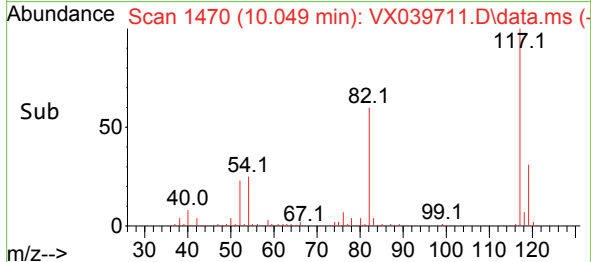
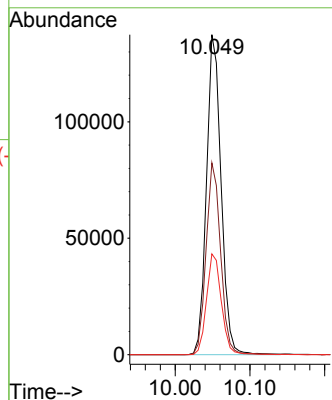
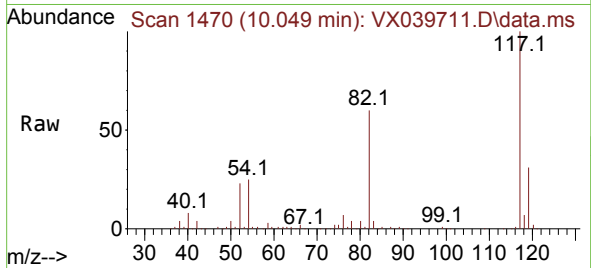




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

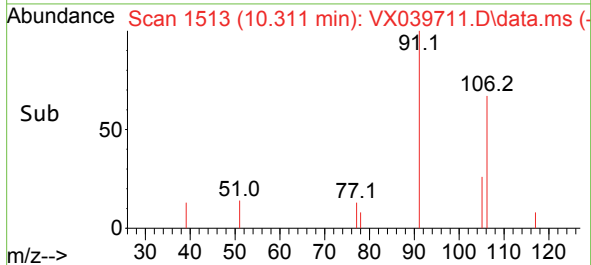
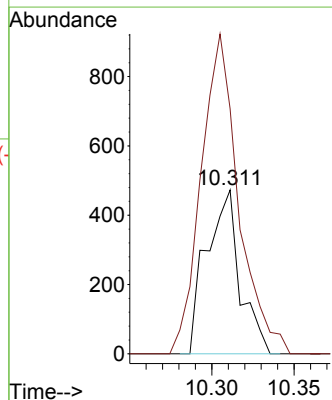
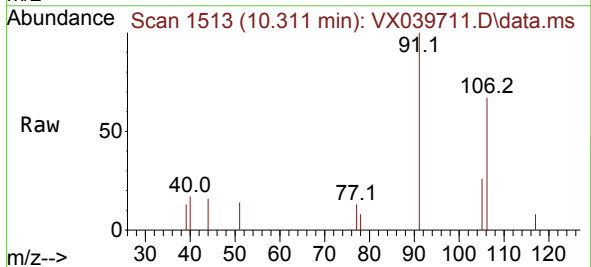
Instrument :
MSVOA_X
ClientSampleId :

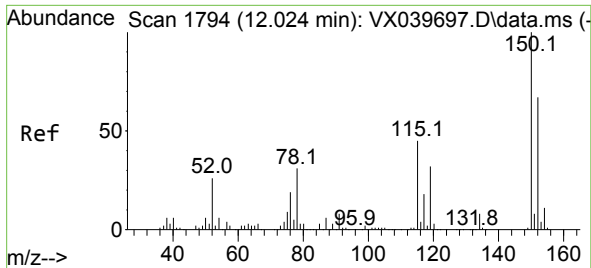
Tgt Ion:117 Resp: 186344
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.252 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

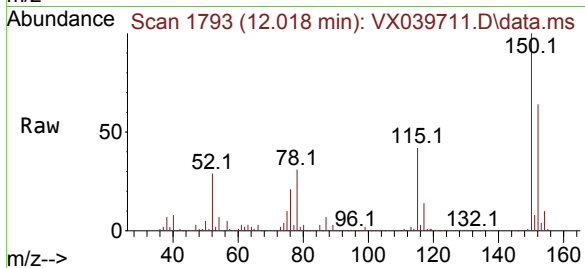
Tgt Ion:106 Resp: 667
Ion Ratio Lower Upper
106 100
91 218.7 165.5 248.3



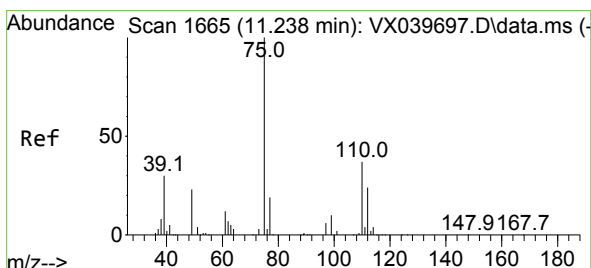
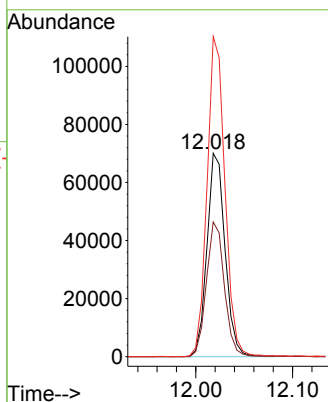
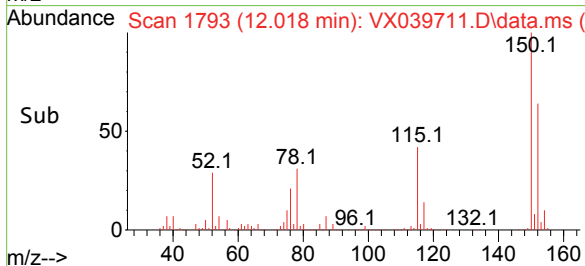


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX039711.D
 Acq: 11 Jan 2024 09:35

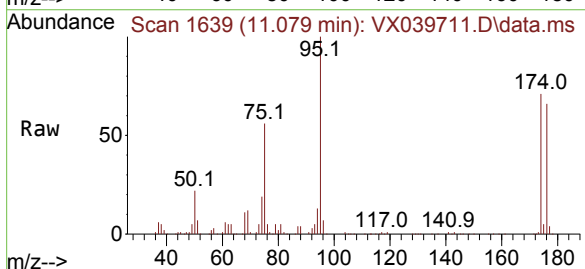
Instrument :
 MSVOA_X
 ClientSampleId :



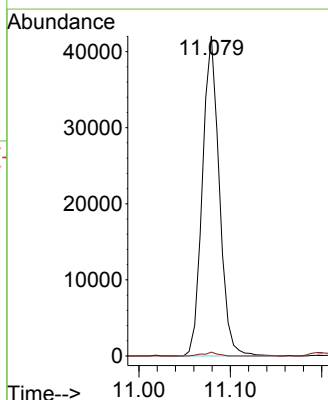
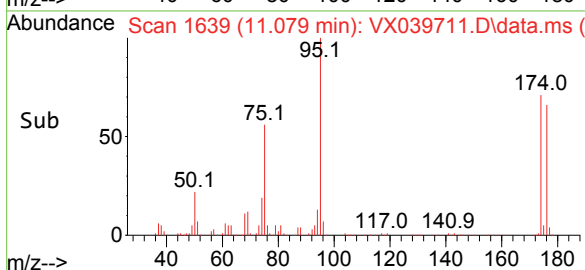
Tgt Ion:152 Resp: 91205
 Ion Ratio Lower Upper
 152 100
 115 65.7 43.3 129.9
 150 155.7 0.0 345.0

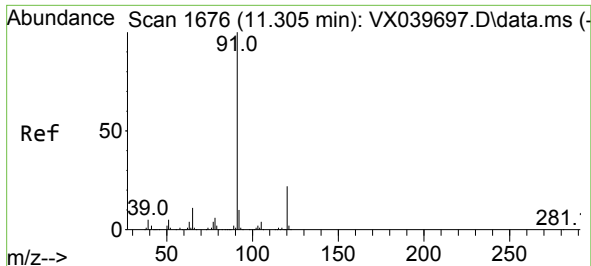


#76
 1,2,3-Trichloropropane
 Concen: 22.738 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX039711.D
 Acq: 11 Jan 2024 09:35



Tgt Ion: 75 Resp: 53766
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

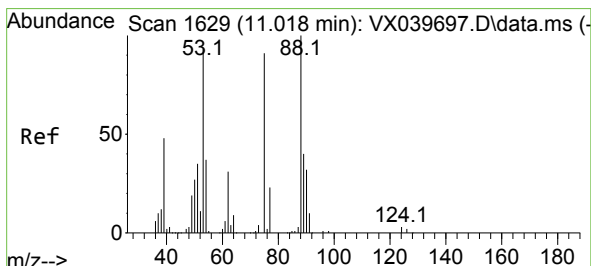
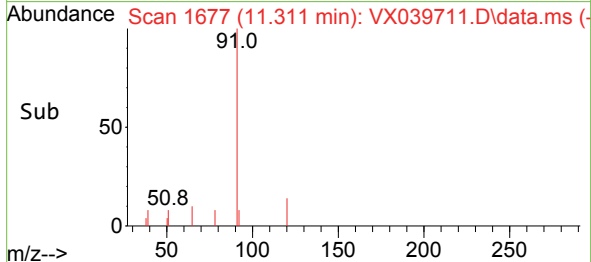
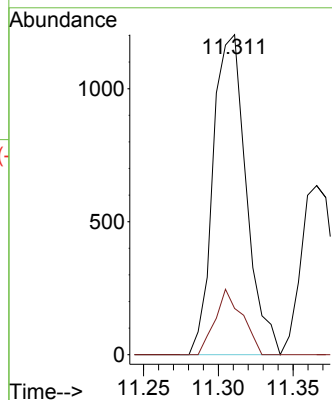
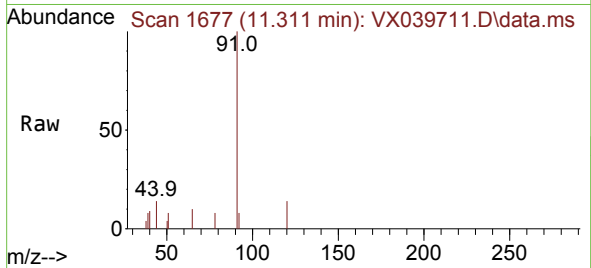




#78
n-propylbenzene
Concen: 0.211 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

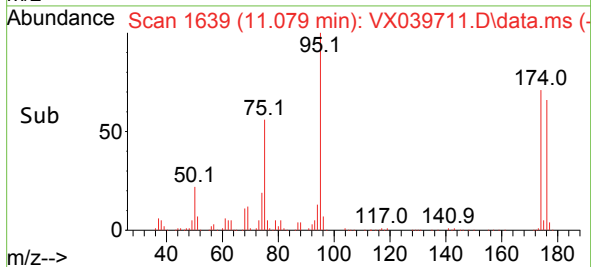
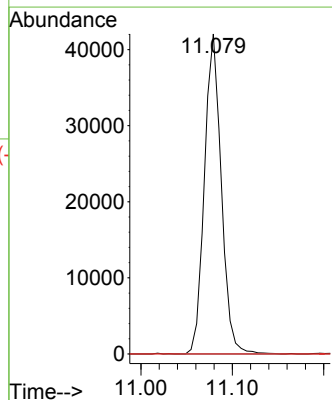
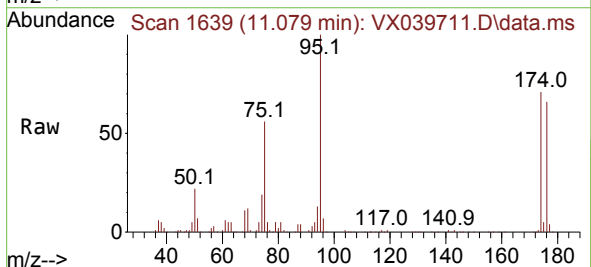
Instrument :
MSVOA_X
ClientSampleId :

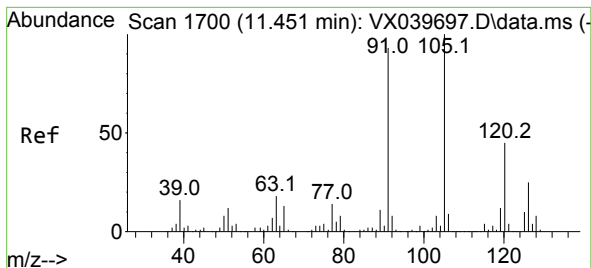
Tgt Ion: 91 Resp: 1853
Ion Ratio Lower Upper
91 100
120 16.7 11.5 34.4



#81
trans-1,4-Dichloro-2-butene
Concen: 65.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

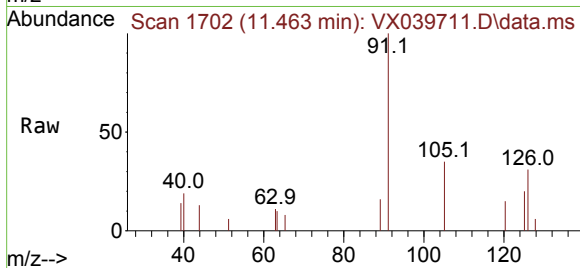
Tgt Ion: 75 Resp: 53766
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



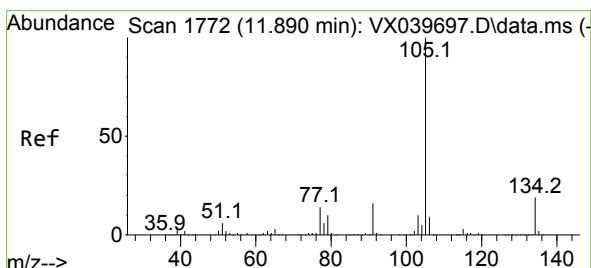
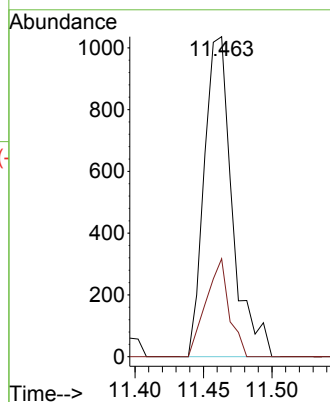
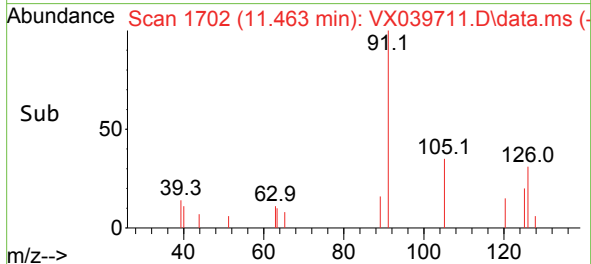


#82
4-Chlorotoluene
Concen: 0.240 ug/l
RT: 11.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Instrument :
MSVOA_X
ClientSampleId :

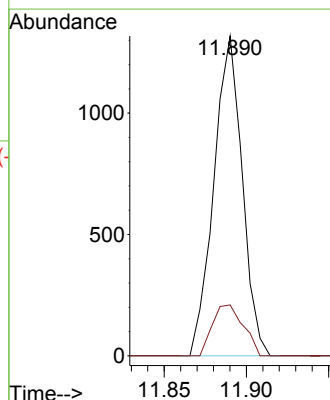
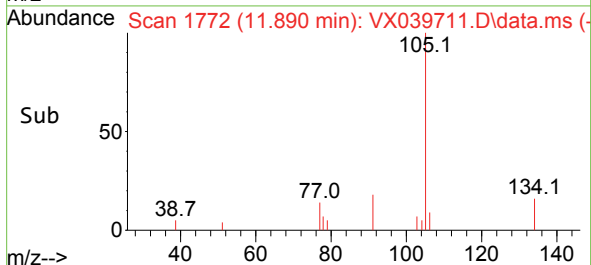
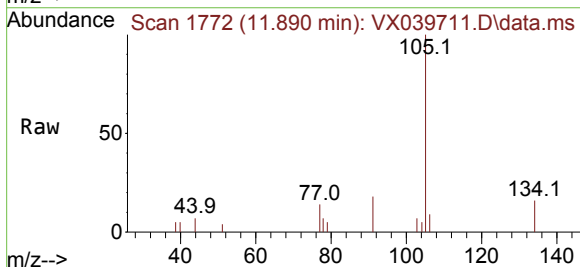


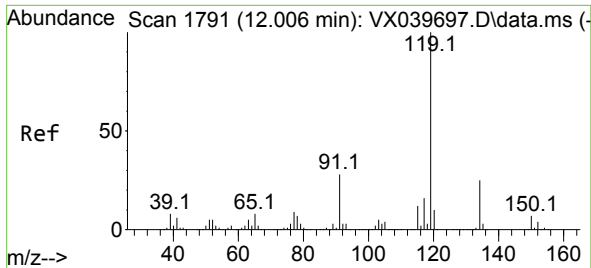
Tgt Ion: 91 Resp: 1476
Ion Ratio Lower Upper
91 100
126 25.2 14.2 42.6



#85
sec-Butylbenzene
Concen: 0.207 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Tgt Ion: 105 Resp: 1580
Ion Ratio Lower Upper
105 100
134 17.3 9.8 29.4

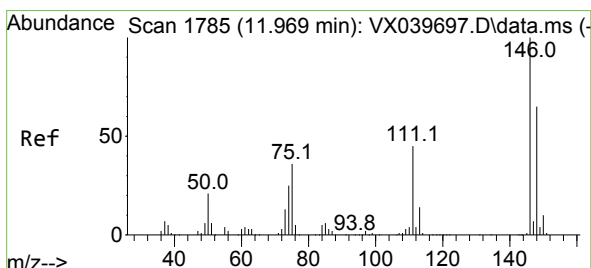
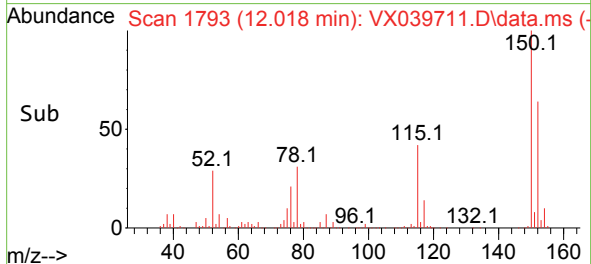
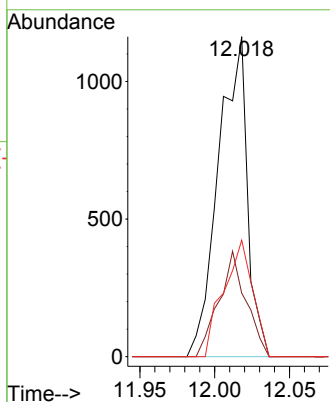
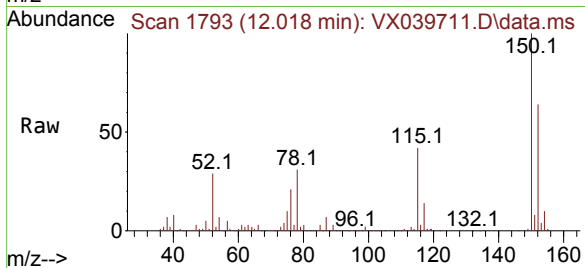




#86
 p-Isopropyltoluene
 Concen: 0.256 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.012 min
 Lab File: VX039711.D
 Acq: 11 Jan 2024 09:35

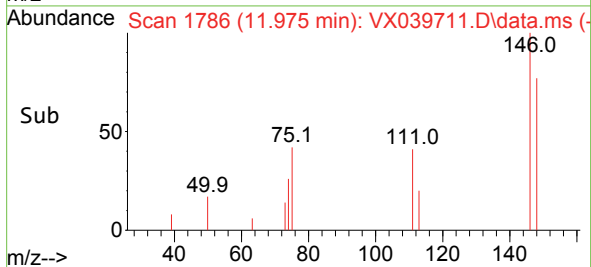
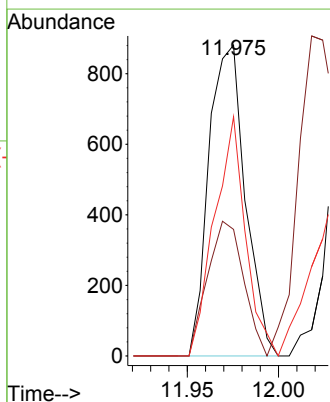
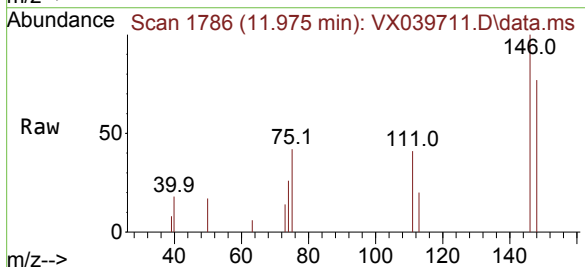
Instrument :
 MSVOA_X
 ClientSampleId :

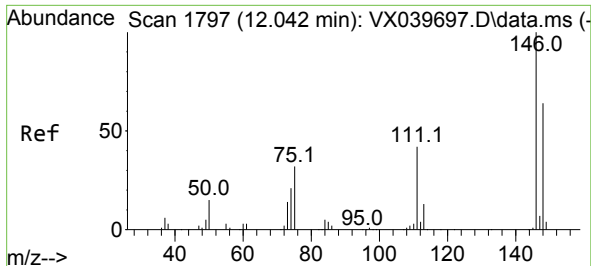
Tgt Ion:119 Resp: 1561
 Ion Ratio Lower Upper
 119 100
 134 31.1 12.8 38.3
 91 36.6 13.1 39.3



#87
 1,3-Dichlorobenzene
 Concen: 0.394 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX039711.D
 Acq: 11 Jan 2024 09:35

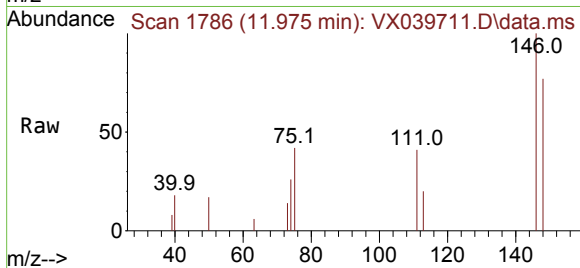
Tgt Ion:146 Resp: 1221
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.1 66.1
 148 65.8 31.8 95.3



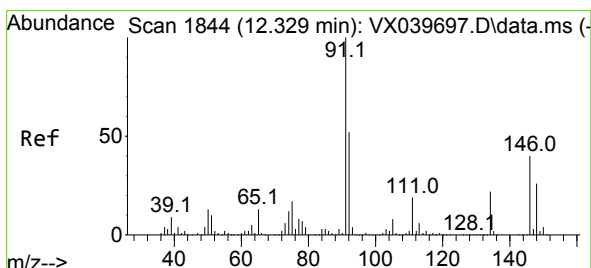
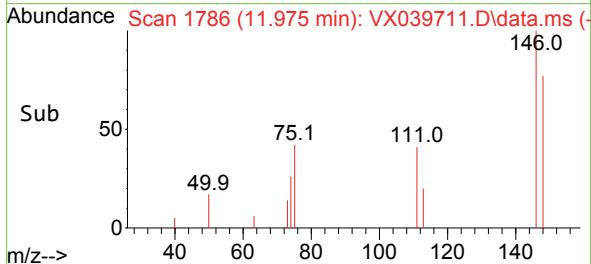
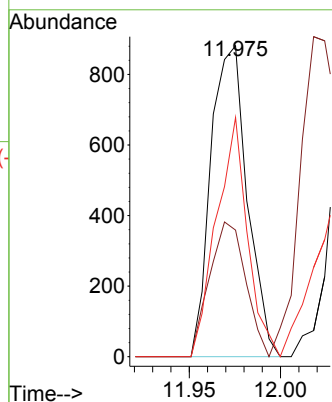


#88
1,4-Dichlorobenzene
Concen: 0.381 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Instrument :
MSVOA_X
ClientSampleId :

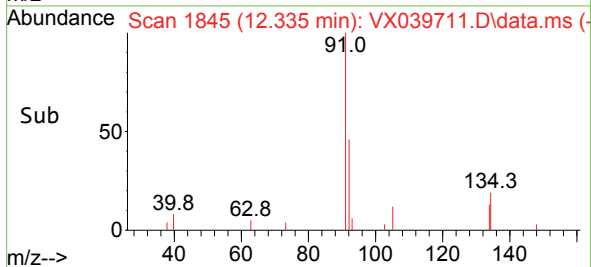
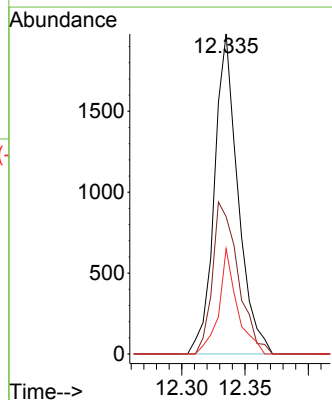
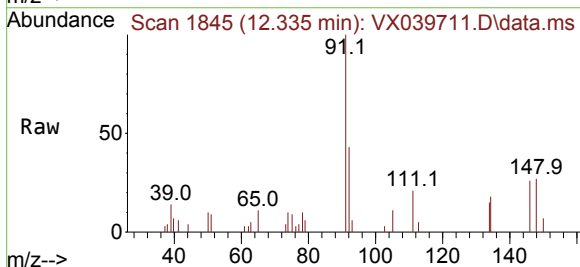


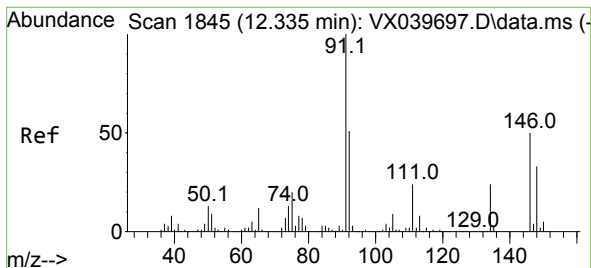
Tgt Ion:146 Resp: 1221
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.7
148 65.8 31.8 95.4



#89
n-Butylbenzene
Concen: 0.435 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Tgt Ion: 91 Resp: 2565
Ion Ratio Lower Upper
91 100
92 51.6 27.4 82.0
134 25.5 12.6 37.8





#91

1,2-Dichlorobenzene

Concen: 0.261 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039711.D

Acq: 11 Jan 2024 09:35

Instrument :

MSVOA_X

ClientSampleId :

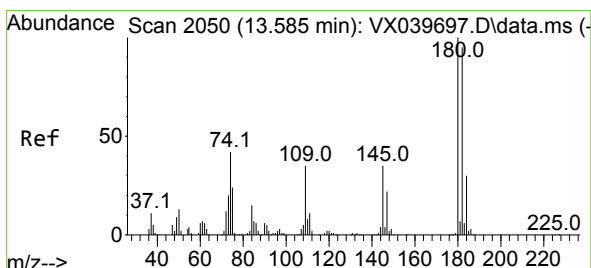
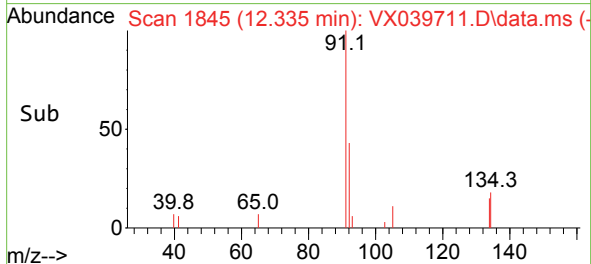
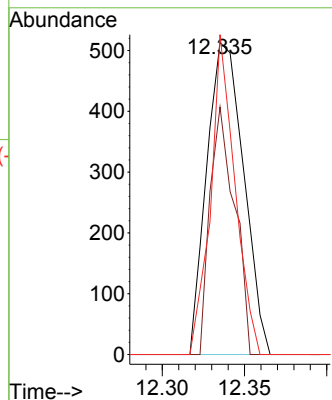
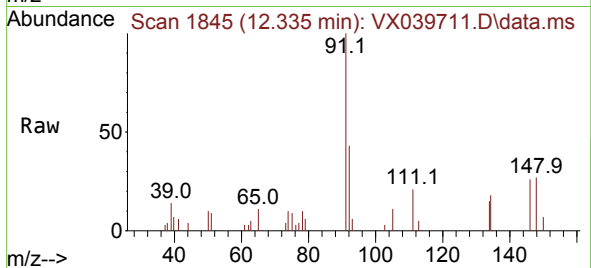
Tgt Ion:146 Resp: 801

Ion Ratio Lower Upper

146 100

111 52.9 22.4 67.0

148 67.7 31.6 95.0



#93

1,2,4-Trichlorobenzene

Concen: 0.827 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039711.D

Acq: 11 Jan 2024 09:35

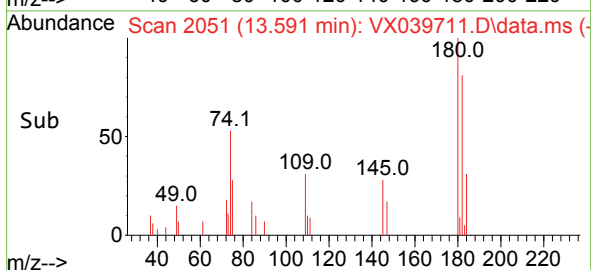
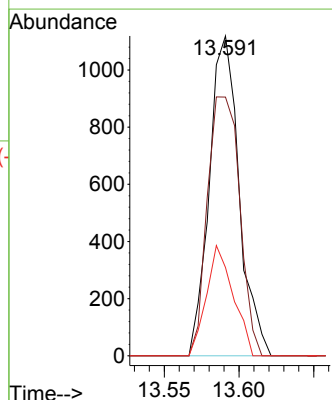
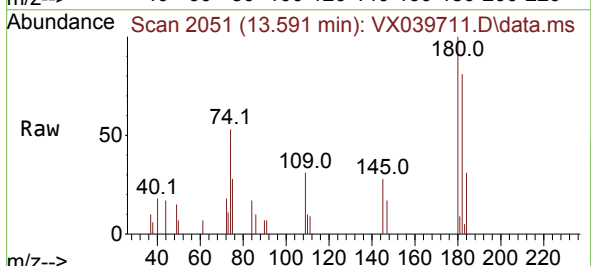
Tgt Ion:180 Resp: 1549

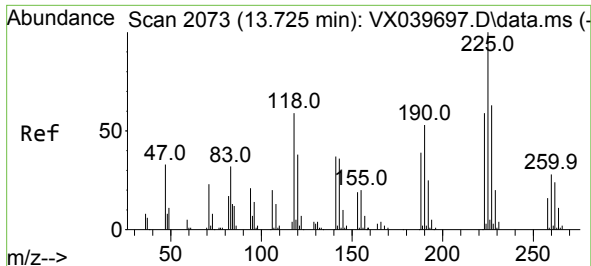
Ion Ratio Lower Upper

180 100

182 87.5 48.3 144.8

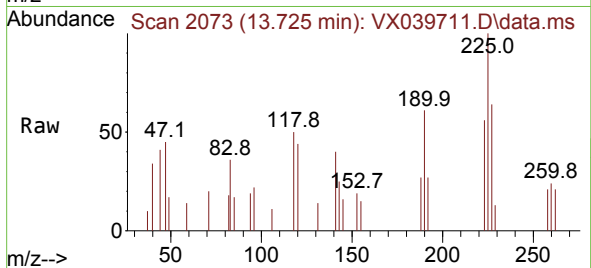
145 31.1 18.0 54.0



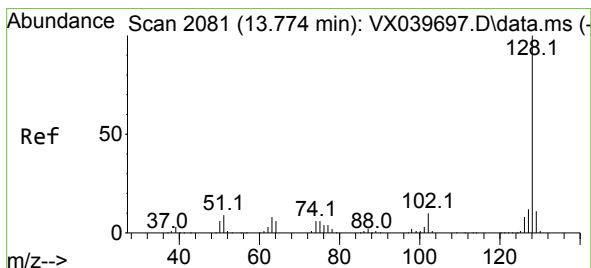
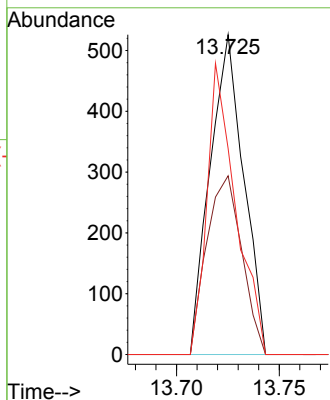
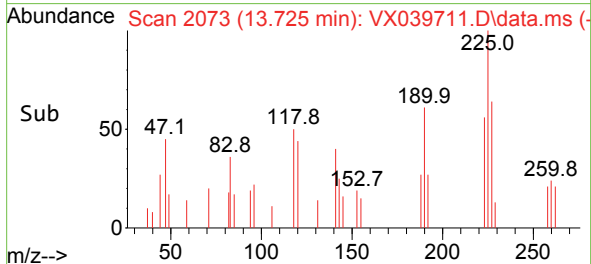


#94
Hexachlorobutadiene
Concen: 0.768 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

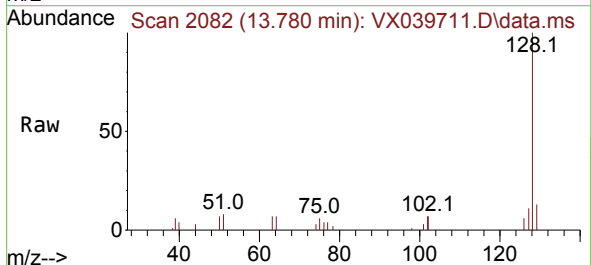
Instrument :
MSVOA_X
ClientSampleId :



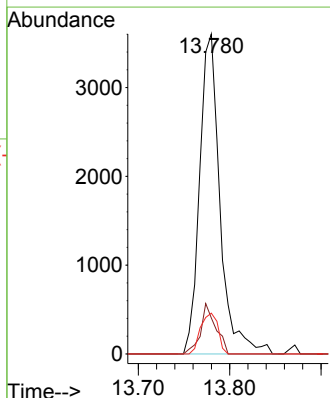
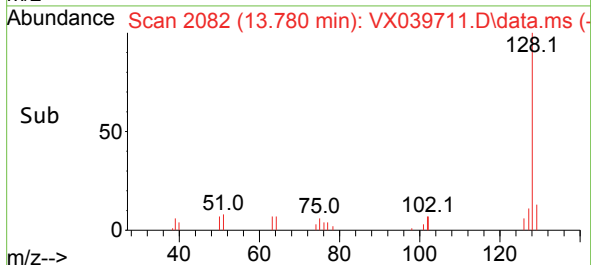
Tgt Ion:225 Resp: 598
Ion Ratio Lower Upper
225 100
223 58.4 31.1 93.2
227 77.8 32.5 97.5

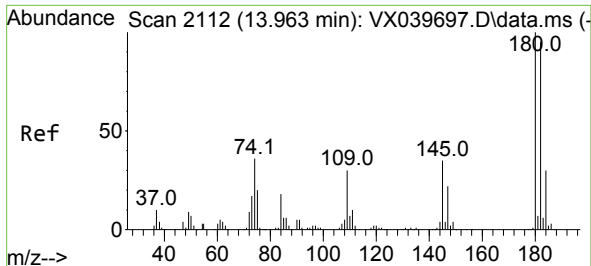


#95
Naphthalene
Concen: 0.809 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35



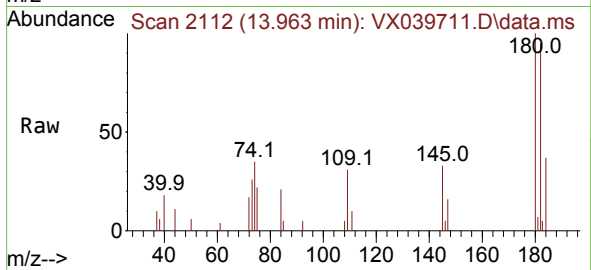
Tgt Ion:128 Resp: 5579
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 10.9 8.8 13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.763 ug/l
RT: 13.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039711.D
Acq: 11 Jan 2024 09:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	46.9	140.6
145	36.3	17.8	53.5

