

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039897.D
 Acq On : 23 Jan 2024 09:44
 Operator : JC/MD
 Sample : VX0123MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBL01

Quant Time: Jan 24 02:27:34 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)

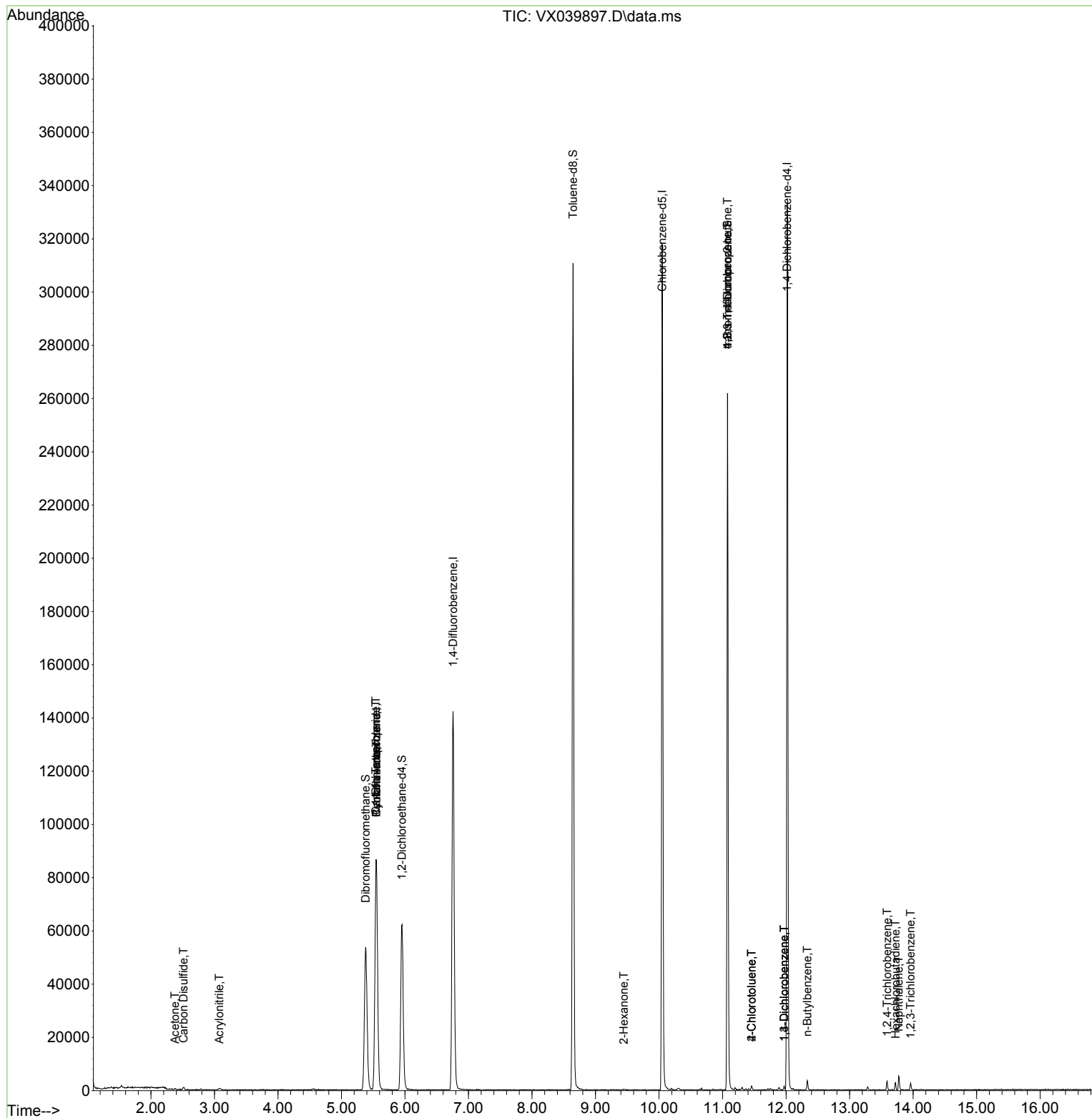
Internal Standards						
1) Pentafluorobenzene	5.550	168	78034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62163	47.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.100%		
35) Dibromofluoromethane	5.379	113	45742	49.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	8.647	98	172483	49.127	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.260%		
62) 4-Bromofluorobenzene	11.079	95	66552	48.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.940%		
Target Compounds						Qvalue
13) Acrolein	2.239	56	93	Below Cal		94
15) Acrylonitrile	3.075	53	345	0.491 ug/l #		86
16) Acetone	2.380	43	301	0.409 ug/l #		47
17) Carbon Disulfide	2.514	76	1158	0.429 ug/l #		94
31) Cyclohexane	5.550	56	2165	1.255 ug/l #		38
36) 1,1-Dichloropropene	5.544	75	6842	4.722 ug/l #		50
38) Carbon Tetrachloride	5.544	117	8571	6.458 ug/l #		17
59) 2-Hexanone	9.445	43	374	0.242 ug/l #		56
76) 1,2,3-Trichloropropane	11.079	75	37559	22.713 ug/l #		38
79) 2-Chlorotoluene	11.457	91	889	0.234 ug/l		75
81) trans-1,4-Dichloro-2-b...	11.079	75	37559	65.681 ug/l #		5
82) 4-Chlorotoluene	11.457	91	889	0.206 ug/l		81
87) 1,3-Dichlorobenzene	11.969	146	537	0.248 ug/l		96
88) 1,4-Dichlorobenzene	11.969	146	537	0.240 ug/l		95
89) n-Butylbenzene	12.335	91	1496	0.363 ug/l		87
93) 1,2,4-Trichlorobenzene	13.591	180	823	0.629 ug/l		91
94) Hexachlorobutadiene	13.725	225	426	0.783 ug/l		92
95) Naphthalene	13.774	128	3405	0.706 ug/l		95
96) 1,2,3-Trichlorobenzene	13.963	180	845	0.639 ug/l		88

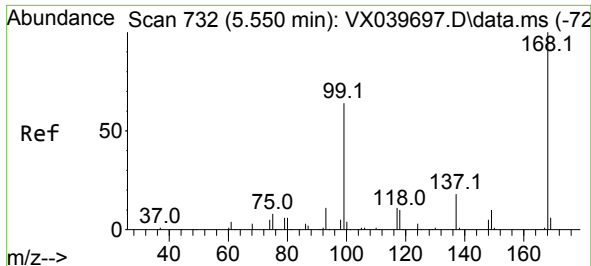
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

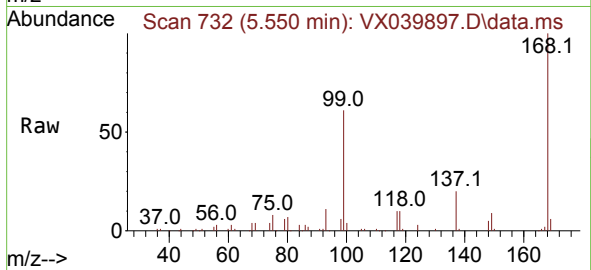
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



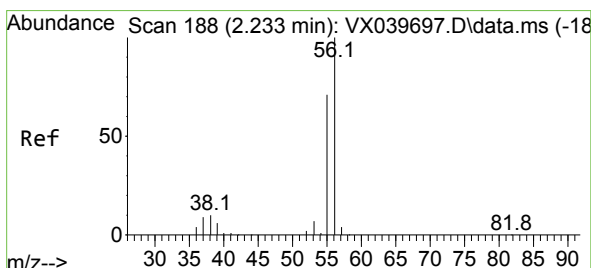
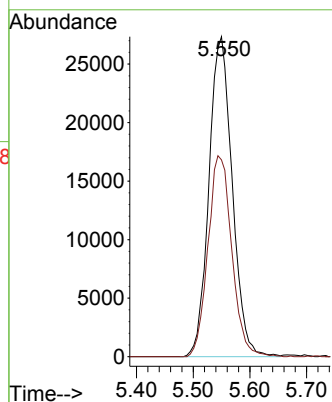
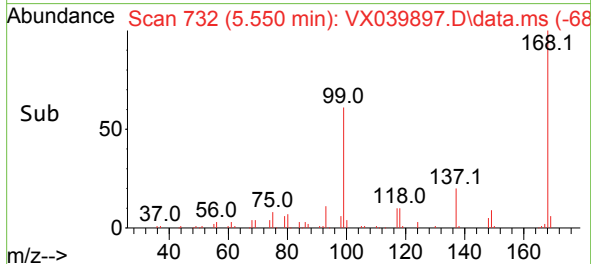


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

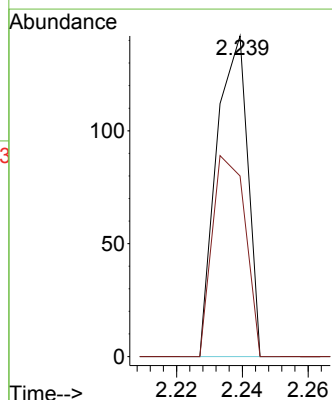
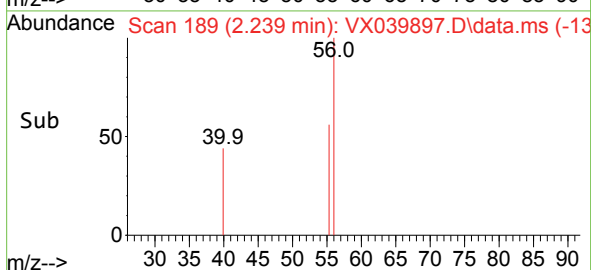
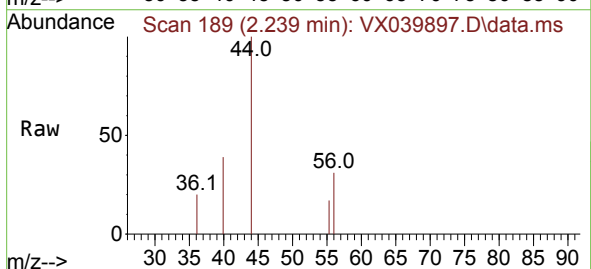


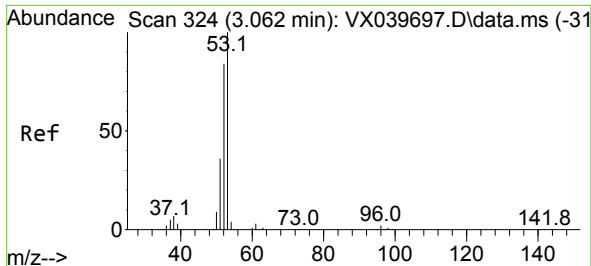
Tgt Ion:168 Resp: 78034
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 66.7 57.1 85.7

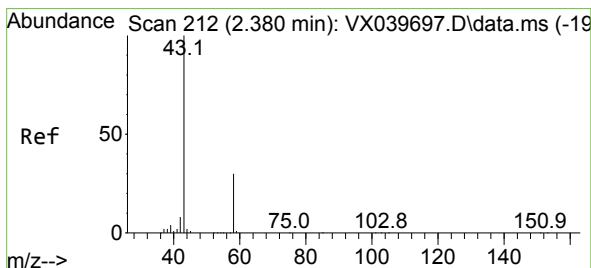
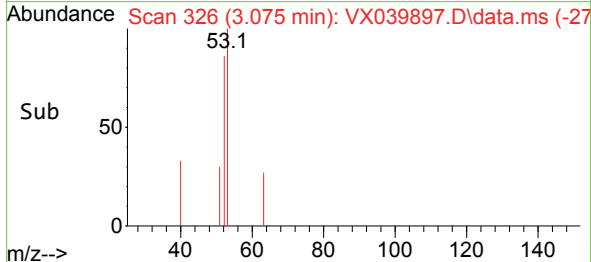
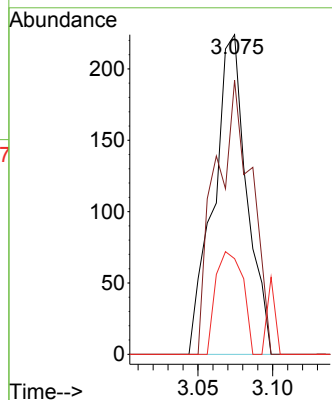
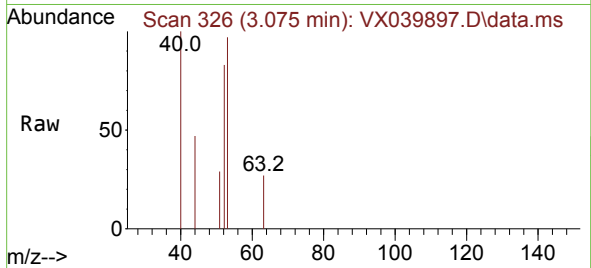




#15
Acrylonitrile
Concen: 0.491 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

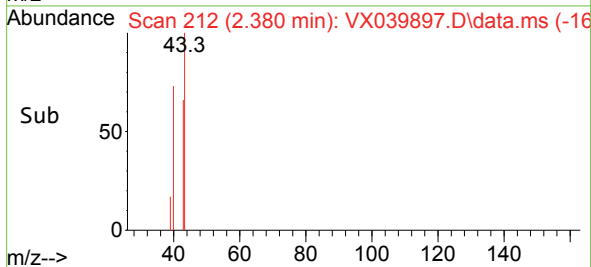
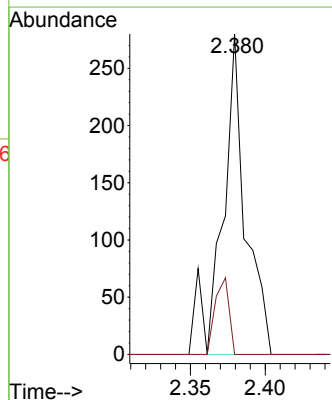
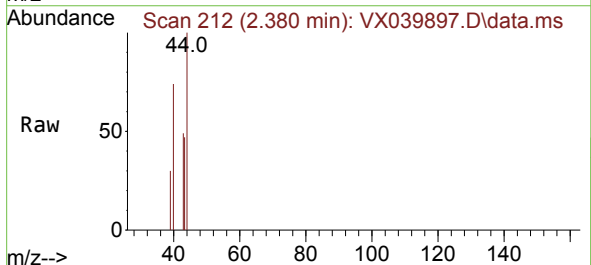
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

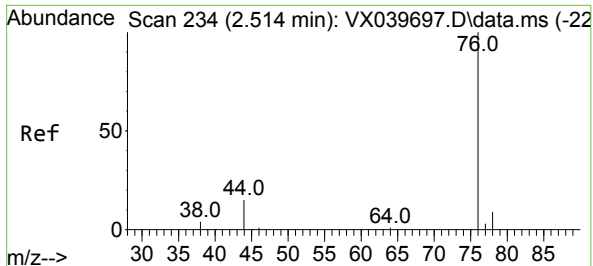
Tgt Ion: 53 Resp: 345
Ion Ratio Lower Upper
53 100
52 93.3 66.0 99.0
51 26.4 29.8 44.6#



#16
Acetone
Concen: 0.409 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

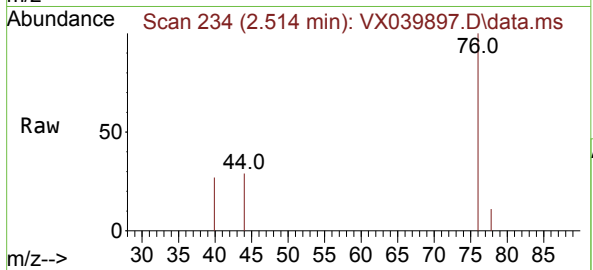
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



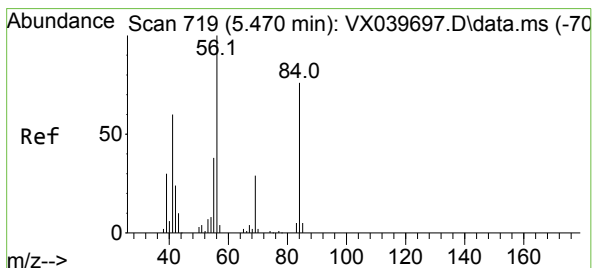
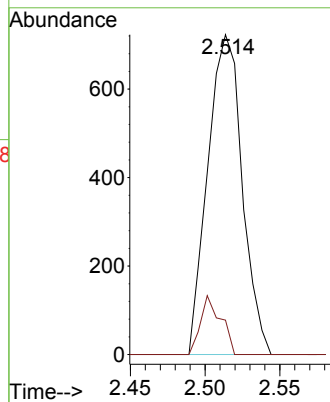
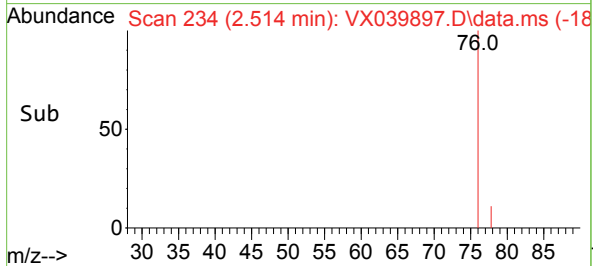


#17
Carbon Disulfide
Concen: 0.429 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

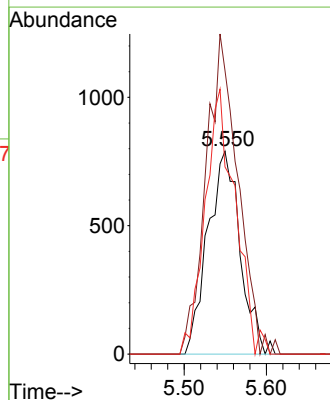
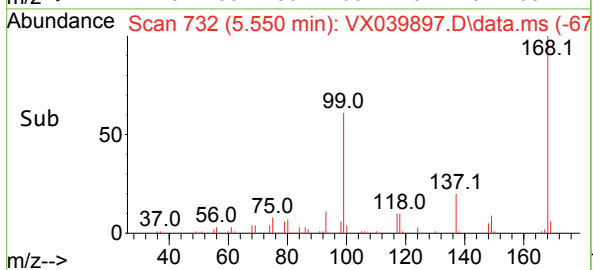
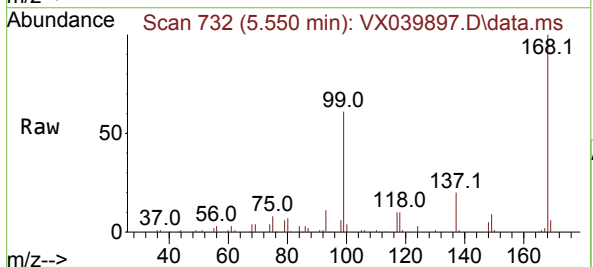


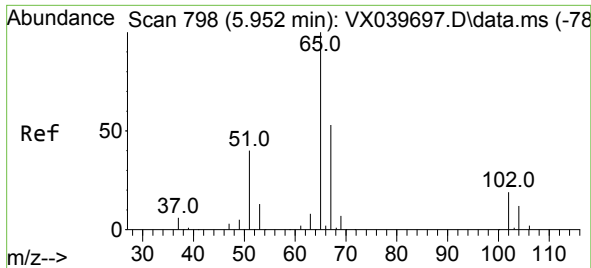
Tgt Ion: 76 Resp: 1158
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Tgt Ion: 56 Resp: 2165
Ion Ratio Lower Upper
56 100
69 139.7 23.4 35.2#
84 92.3 65.9 98.9

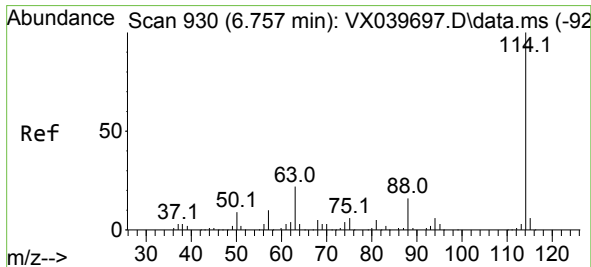
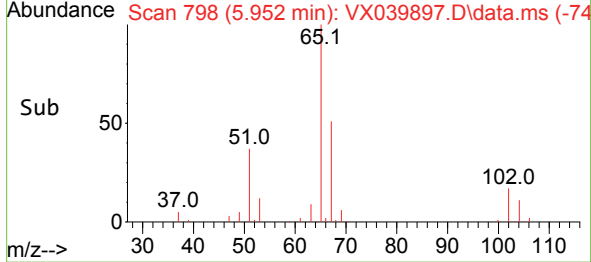
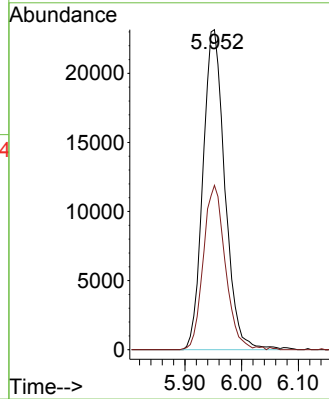
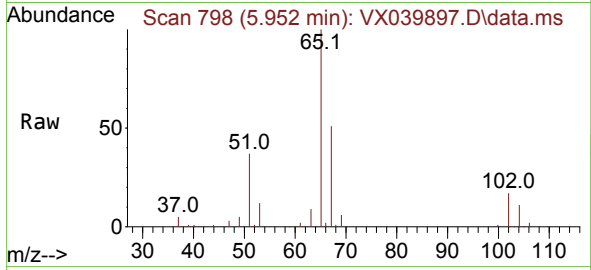




#33
 1,2-Dichloroethane-d4
 Concen: 47.555 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX039897.D
 Acq: 23 Jan 2024 09:44

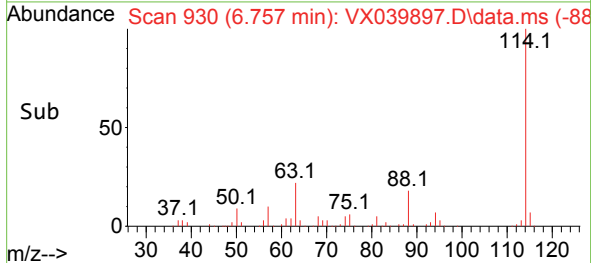
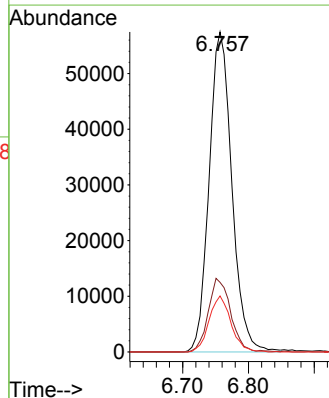
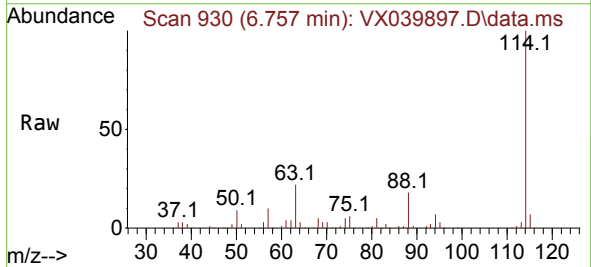
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBL01

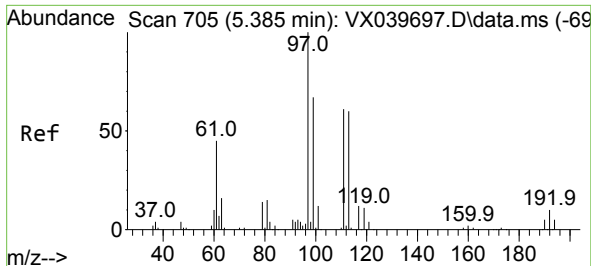
Tgt Ion: 65 Resp: 62163
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX039897.D
 Acq: 23 Jan 2024 09:44

Tgt Ion: 114 Resp: 138210
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 17.5 0.0 36.6

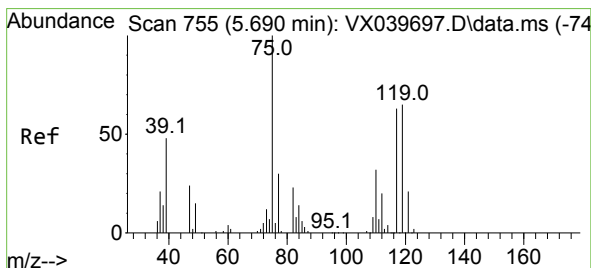
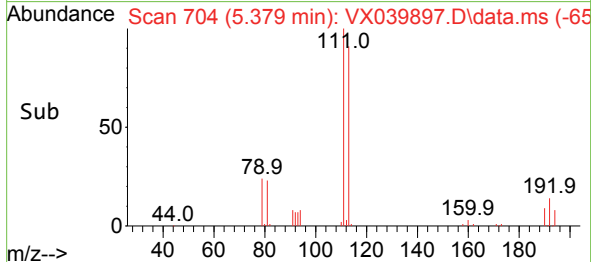
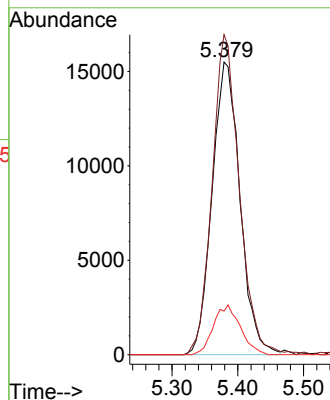
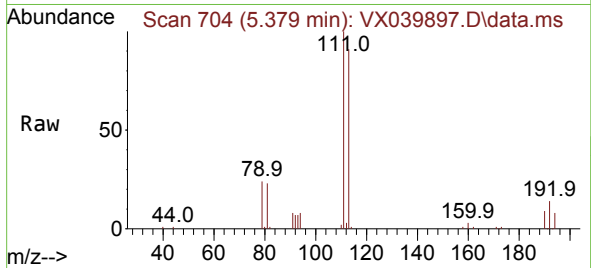




#35
Dibromofluoromethane
Concen: 49.137 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

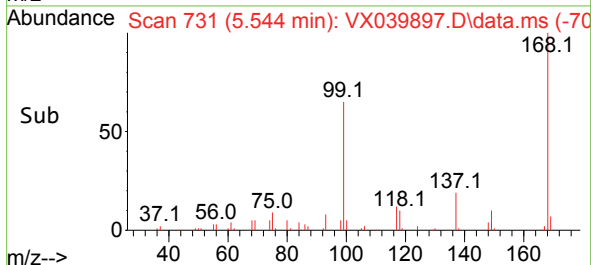
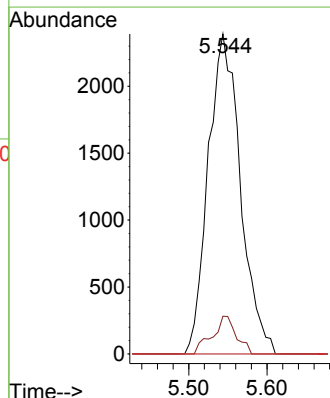
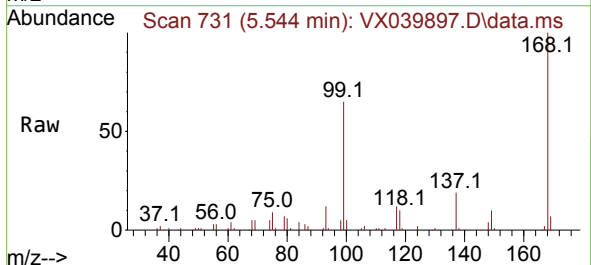
Instrument :
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ClientSampleId :
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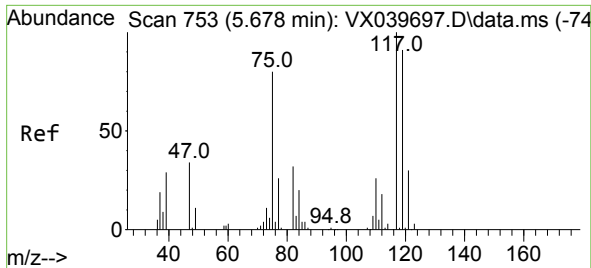
Tgt Ion:113 Resp: 45742
Ion Ratio Lower Upper
113 100
111 106.6 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.722 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

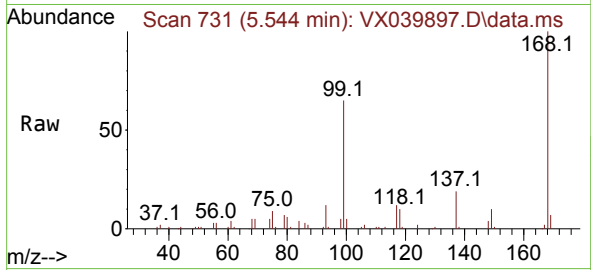
Tgt Ion: 75 Resp: 6842
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



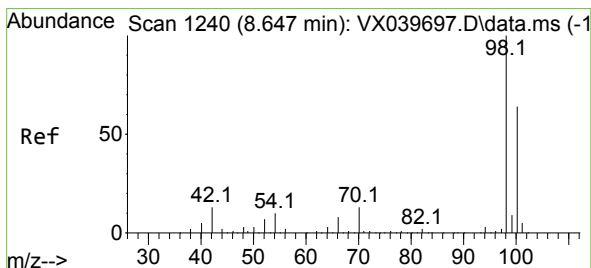
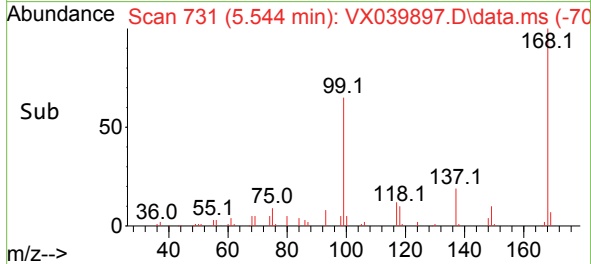
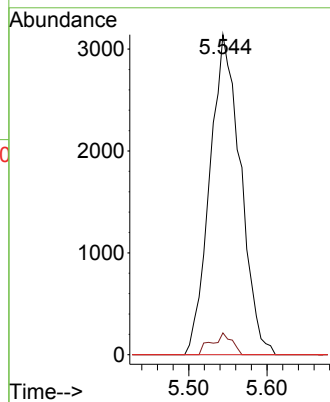


#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

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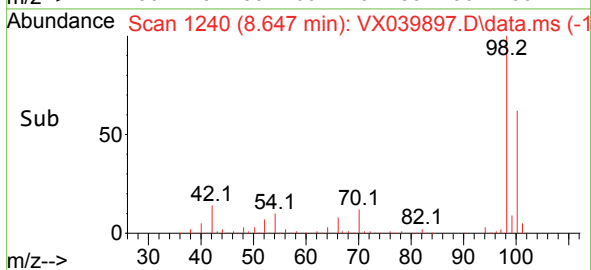
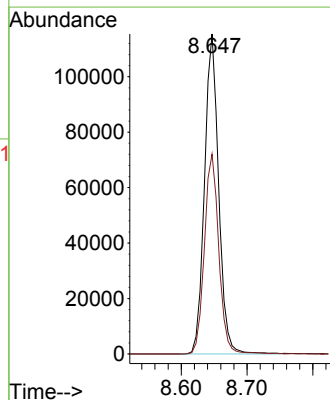
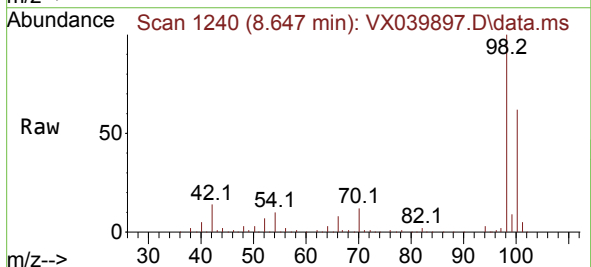


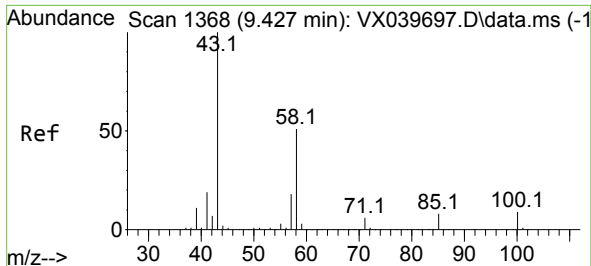
Tgt Ion:117 Resp: 8571
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.127 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Tgt Ion: 98 Resp: 172483
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

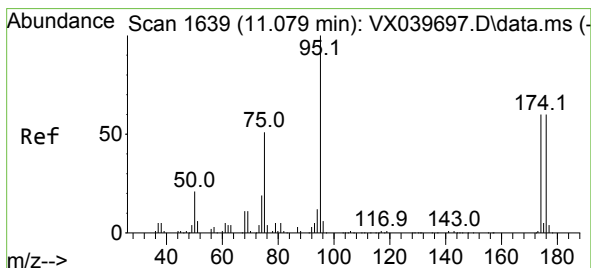
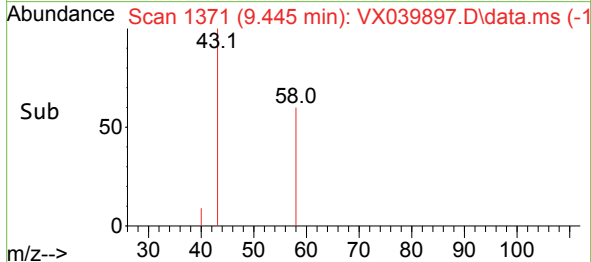
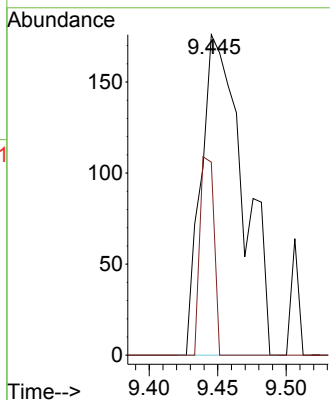
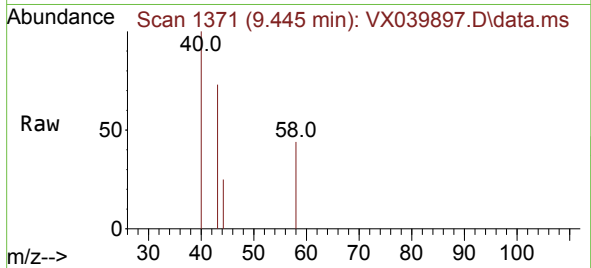




#59
2-Hexanone
Concen: 0.242 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

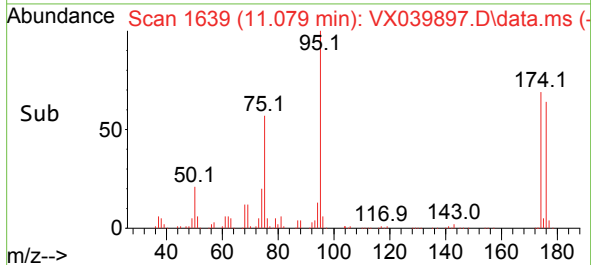
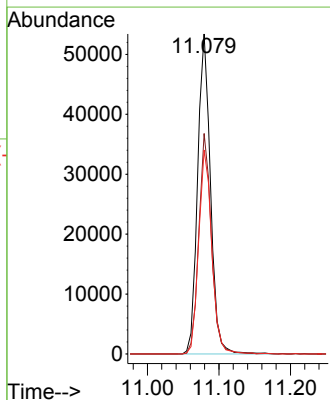
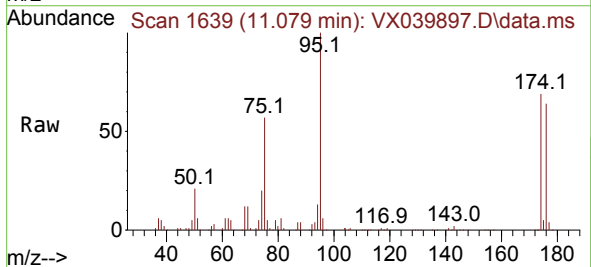
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

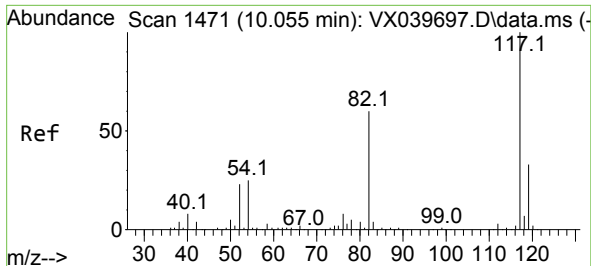
Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
58 21.1 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 48.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Tgt Ion: 95 Resp: 66552
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.6
176 65.2 0.0 131.0

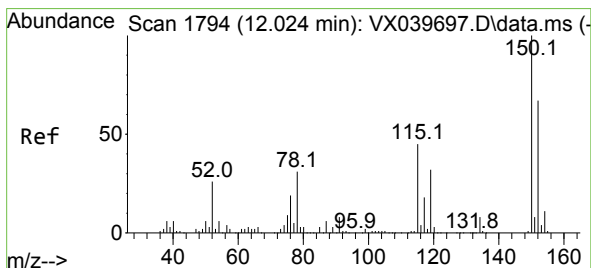
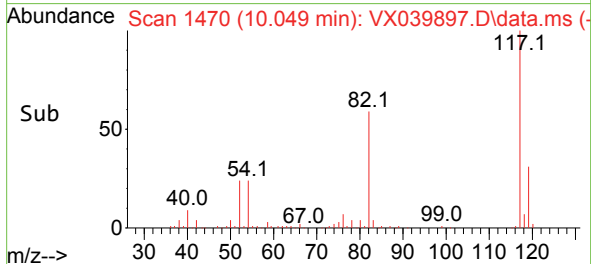
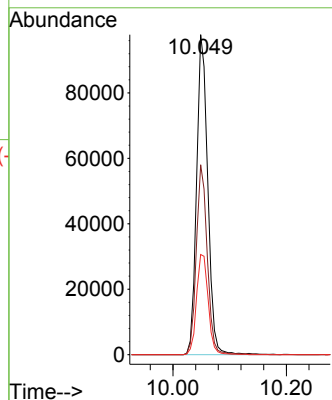
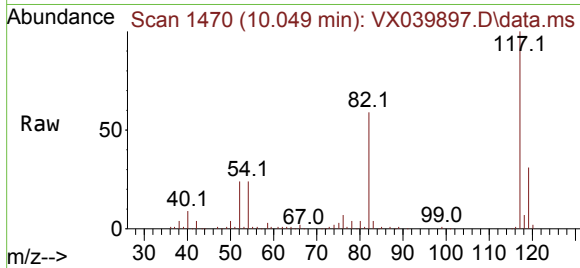




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

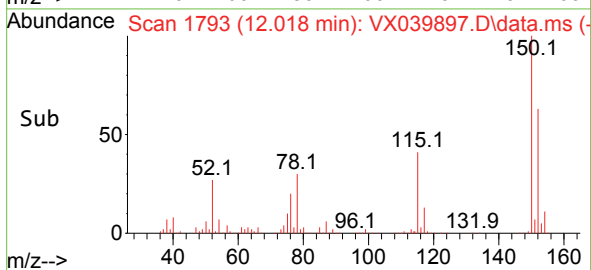
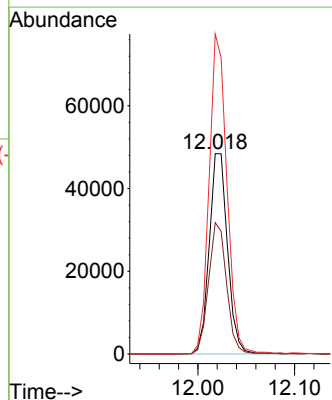
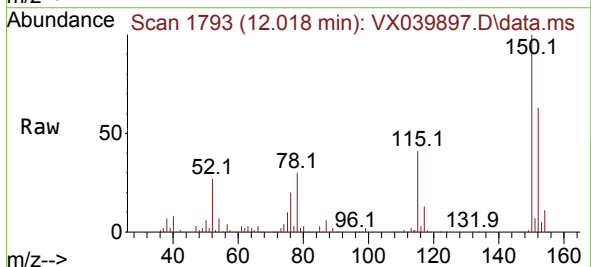
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

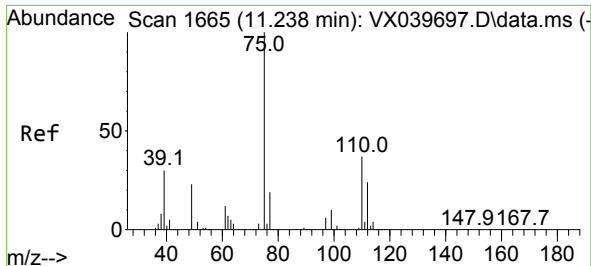
Tgt Ion:117 Resp: 133782
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Tgt Ion:152 Resp: 63783
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 155.4 0.0 345.0

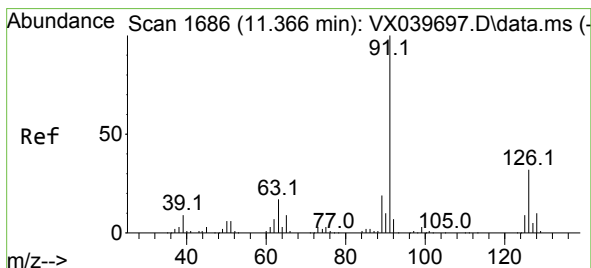
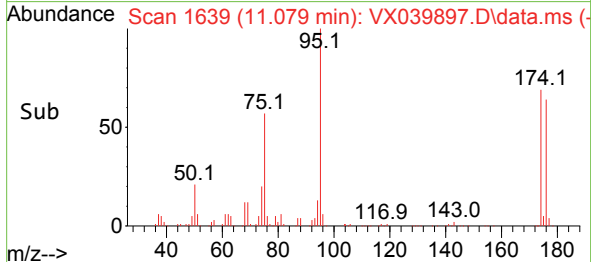
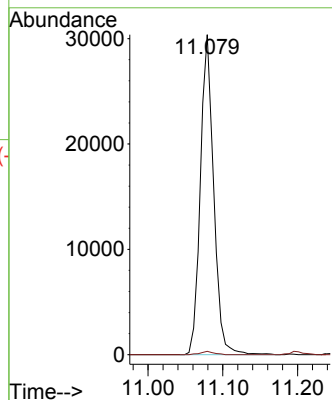
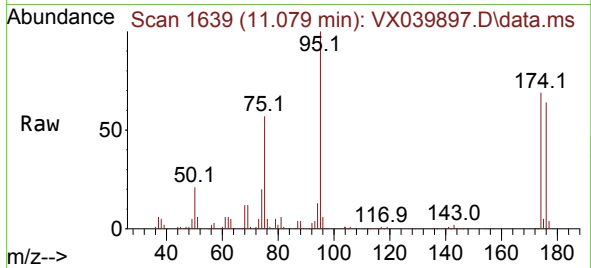




#76
1,2,3-Trichloropropane
Concen: 22.713 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

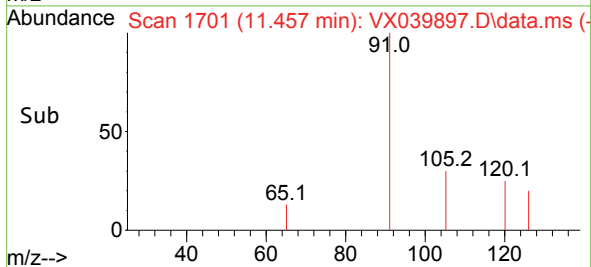
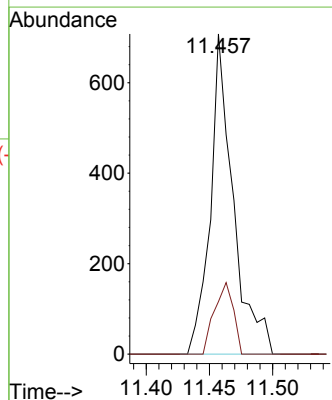
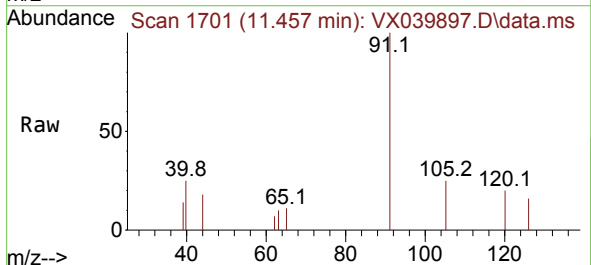
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

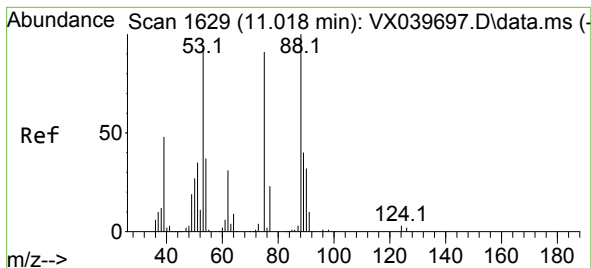
Tgt Ion: 75 Resp: 37559
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#79
2-Chlorotoluene
Concen: 0.234 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.091 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Tgt Ion: 91 Resp: 889
Ion Ratio Lower Upper
91 100
126 18.4 16.3 48.8

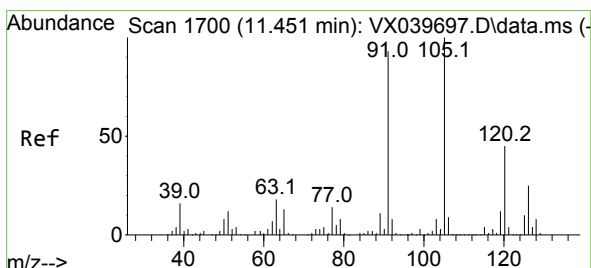
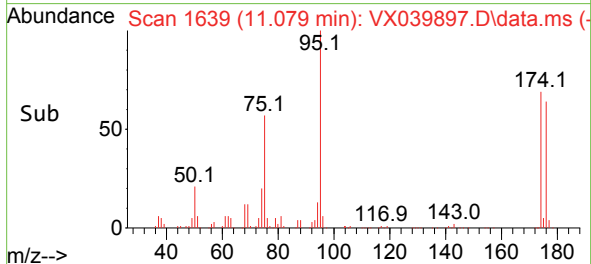
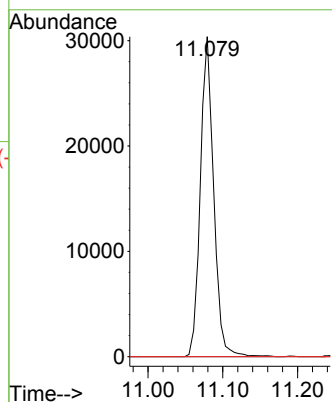
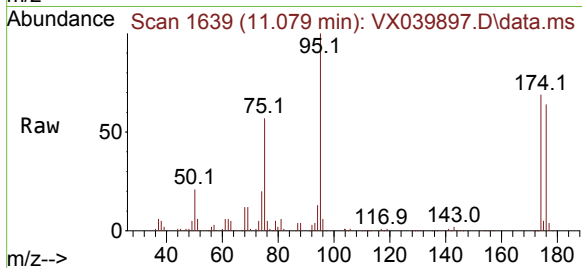




#81
trans-1,4-Dichloro-2-butene
Concen: 65.681 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

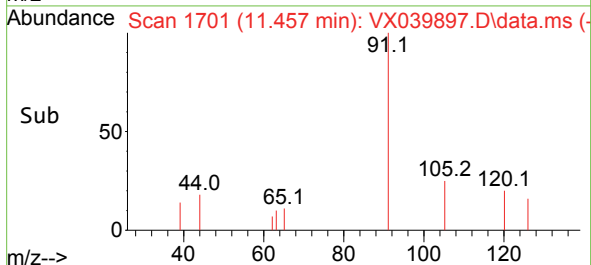
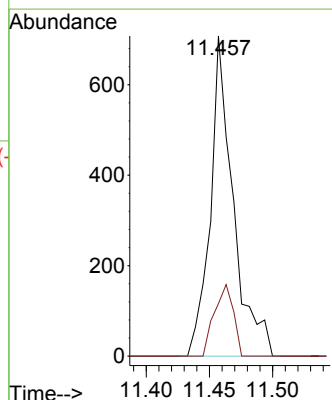
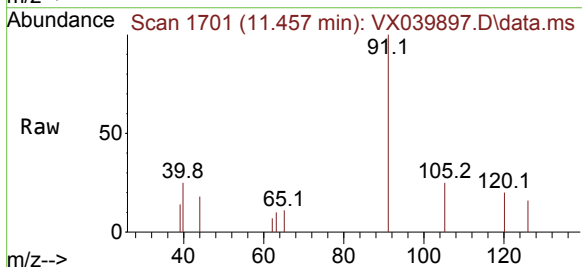
Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

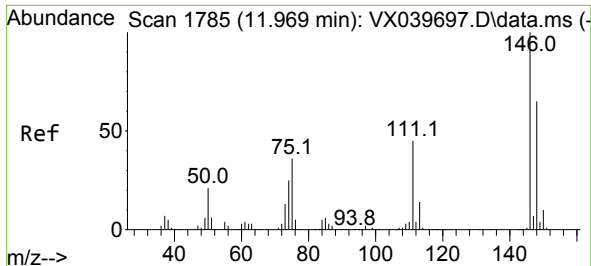
Tgt Ion: 75 Resp: 37559
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.206 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Tgt Ion: 91 Resp: 889
Ion Ratio Lower Upper
91 100
126 18.4 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.248 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039897.D

Acq: 23 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBL01

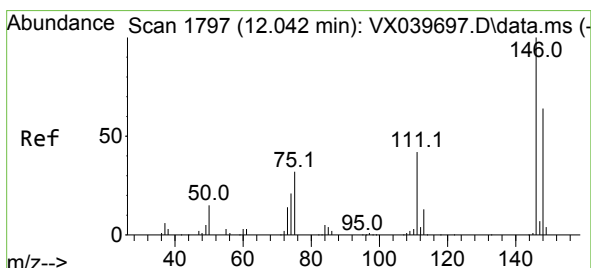
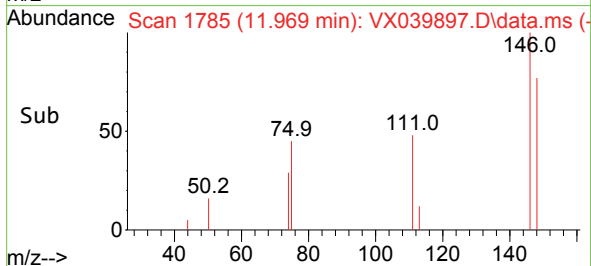
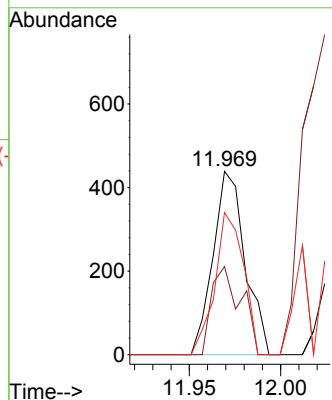
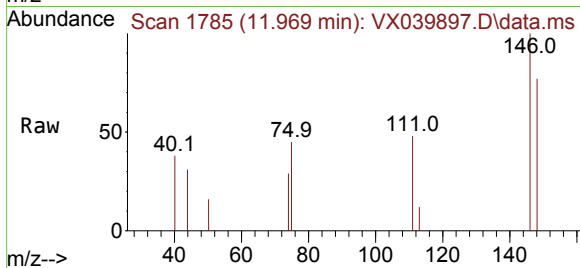
Tgt Ion:146 Resp: 537

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.1

148 69.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.240 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX039897.D

Acq: 23 Jan 2024 09:44

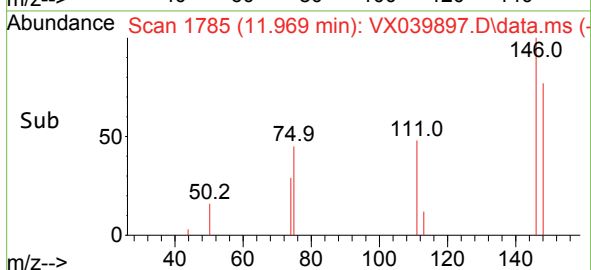
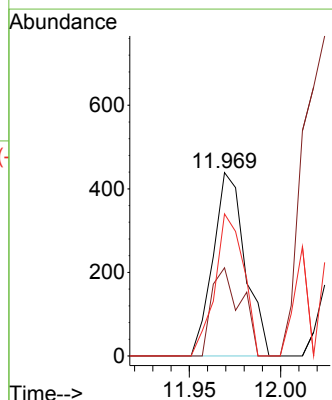
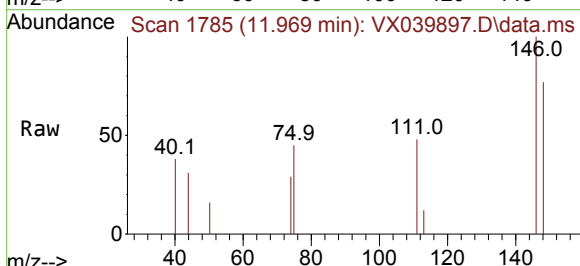
Tgt Ion:146 Resp: 537

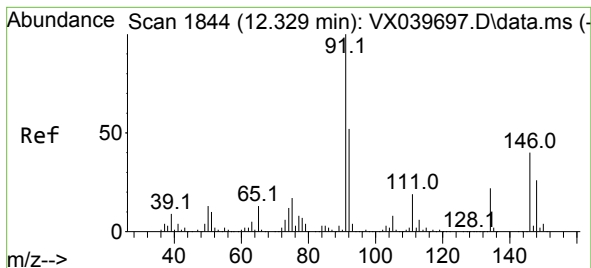
Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.7

148 69.1 31.8 95.4





#89

n-Butylbenzene

Concen: 0.363 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039897.D

Acq: 23 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX0123MBL01

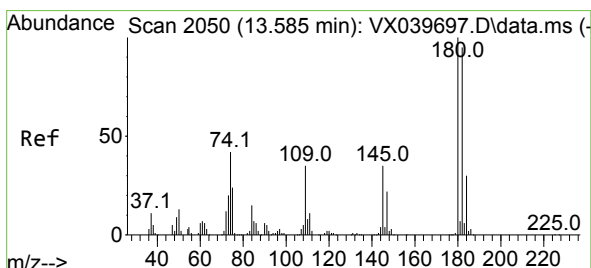
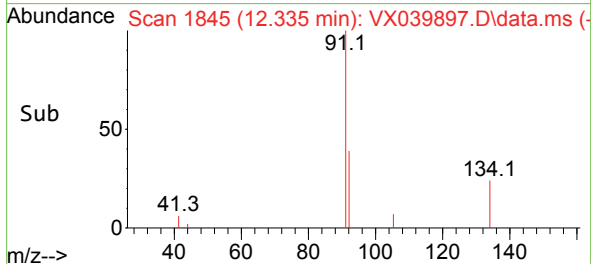
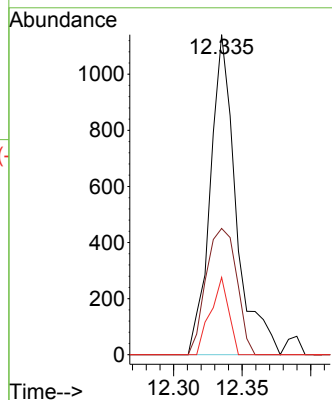
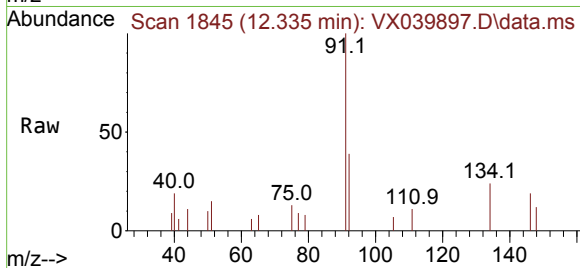
Tgt Ion: 91 Resp: 1496

Ion Ratio Lower Upper

91 100

92 46.9 27.4 82.0

134 17.0 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.629 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039897.D

Acq: 23 Jan 2024 09:44

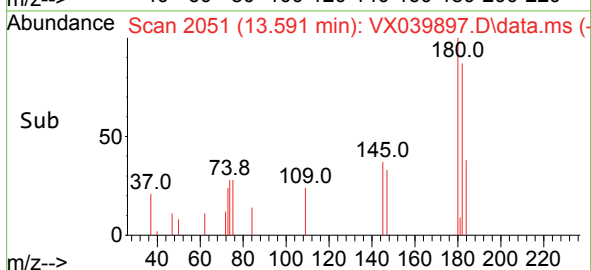
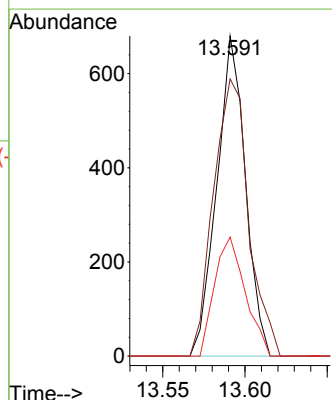
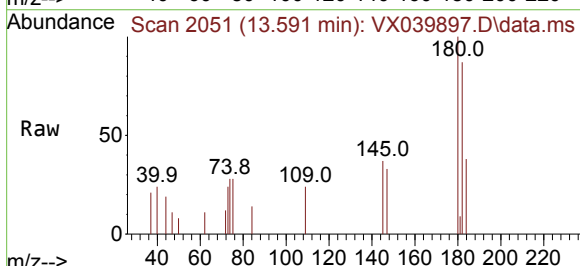
Tgt Ion: 180 Resp: 823

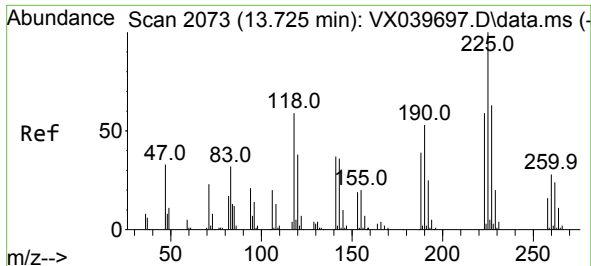
Ion Ratio Lower Upper

180 100

182 106.3 48.3 144.8

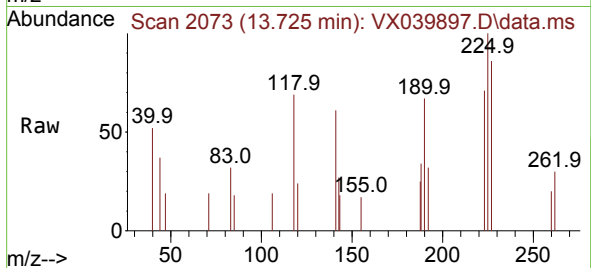
145 40.0 18.0 54.0



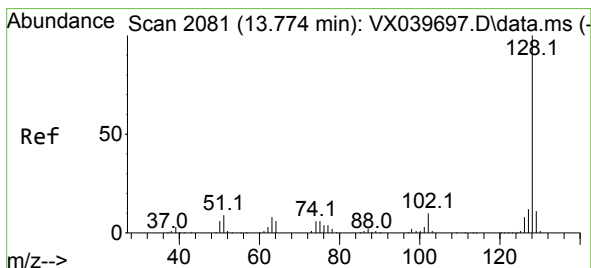
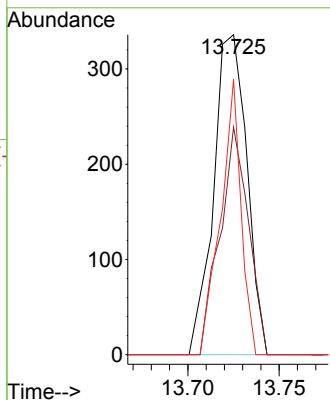
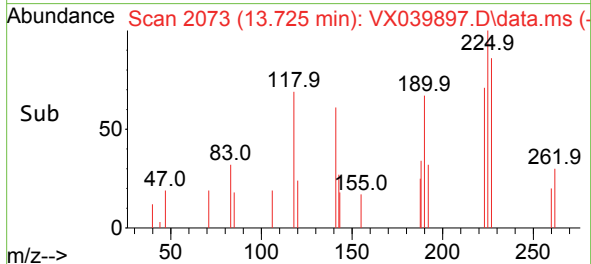


#94
Hexachlorobutadiene
Concen: 0.783 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX0123MBL01

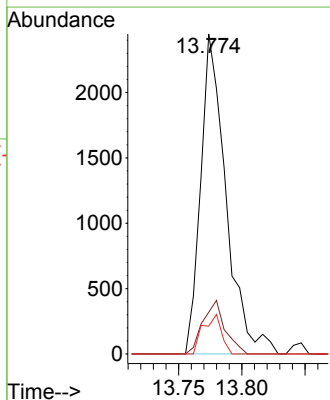
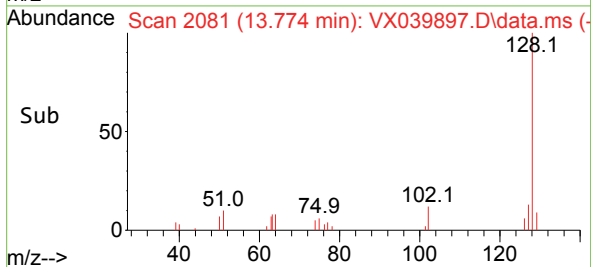
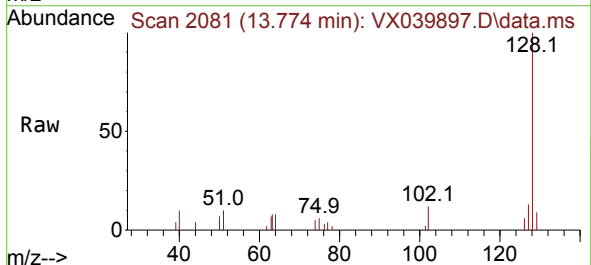


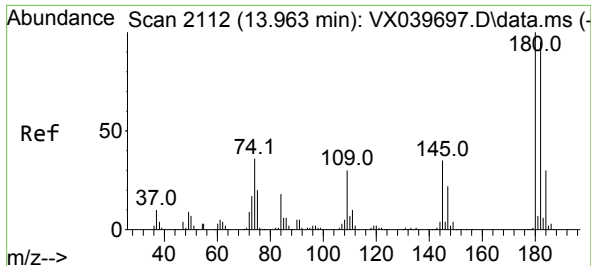
Tgt Ion:225 Resp: 426
Ion Ratio Lower Upper
225 100
223 61.3 31.1 93.2
227 52.8 32.5 97.5



#95
Naphthalene
Concen: 0.706 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039897.D
Acq: 23 Jan 2024 09:44

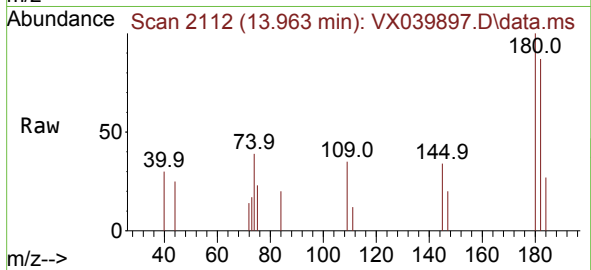
Tgt Ion:128 Resp: 3405
Ion Ratio Lower Upper
128 100
127 14.7 10.3 15.5
129 9.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.639 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039897.D
 Acq: 23 Jan 2024 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBL01



Tgt Ion:	180	Resp:	845
Ion	Ratio	Lower	Upper
180	100		
182	82.7	46.9	140.6
145	27.8	17.8	53.5

