

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040102.D
 Acq On : 05 Feb 2024 09:54
 Operator : JC/MD
 Sample : VX0205MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205MBL01

Quant Time: Feb 06 02:54:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

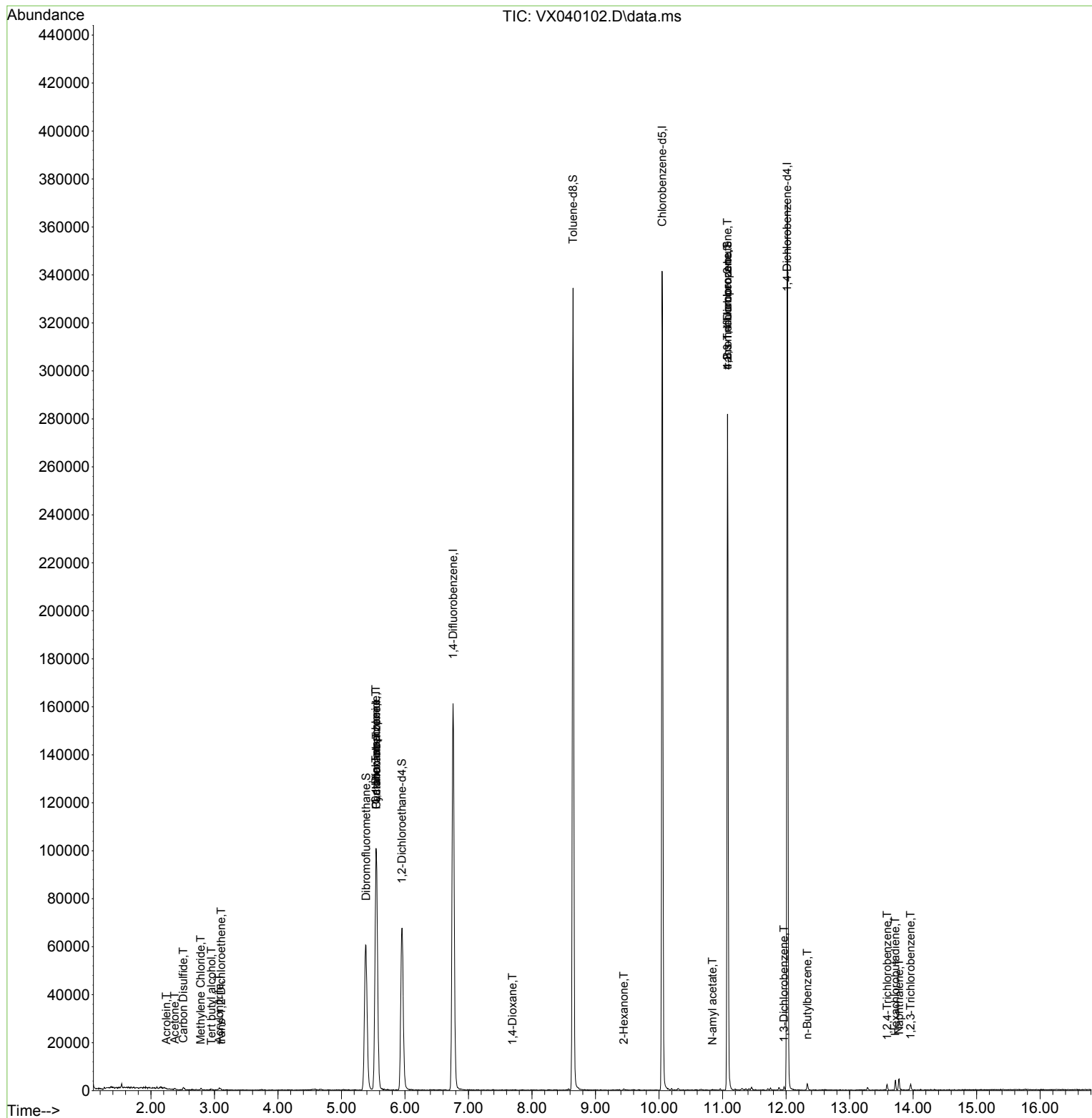
Internal Standards						
1) Pentafluorobenzene	5.550	168	90819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66353	45.397	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.800%		
35) Dibromofluoromethane	5.385	113	53400	48.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.647	98	192344	46.574	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.140%		
62) 4-Bromofluorobenzene	11.079	95	72678	45.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.400%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	362	1.365	ug/l #	78
13) Acrolein	2.239	56	80	0.315	ug/l #	46
15) Acrylonitrile	3.075	53	538	0.810	ug/l #	84
16) Acetone	2.374	43	502	0.733	ug/l	94
17) Carbon Disulfide	2.508	76	1190	0.398	ug/l	95
20) Methylene Chloride	2.782	84	268	0.220	ug/l #	50
21) trans-1,2-Dichloroethene	3.105	96	235	0.209	ug/l #	60
31) Cyclohexane	5.550	56	2424	1.324	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	7977	4.995	ug/l #	51
38) Carbon Tetrachloride	5.544	117	9588	6.274	ug/l #	14
49) 1,4-Dioxane	7.690	88	64	2.174	ug/l #	12
59) 2-Hexanone	9.445	43	498	0.333	ug/l #	45
74) N-amyl acetate	10.842	43	130	0.253	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	40283	25.826	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40283	75.958	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	495	0.202	ug/l	93
89) n-Butylbenzene	12.335	91	1134	0.250	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	736	0.499	ug/l	87
94) Hexachlorobutadiene	13.719	225	440	0.757	ug/l	75
95) Naphthalene	13.780	128	3323	0.663	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	789	0.541	ug/l	90

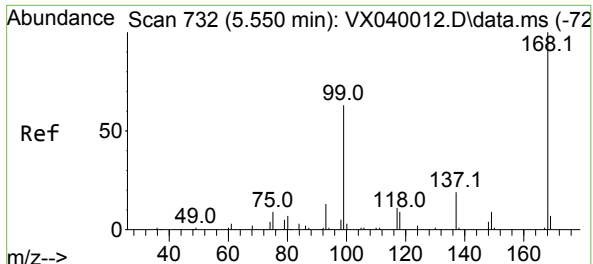
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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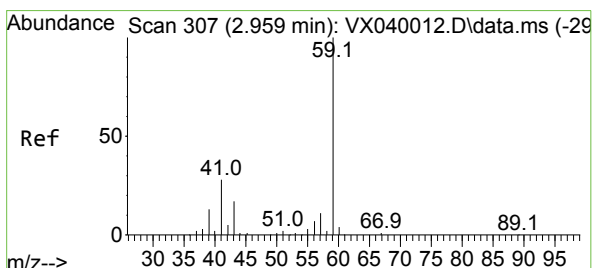
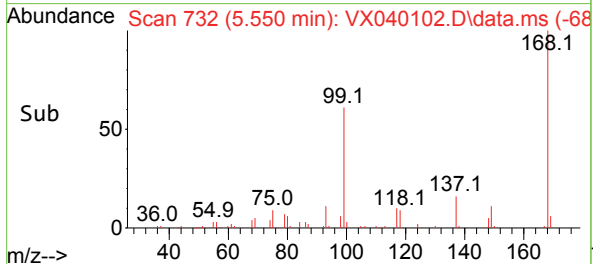
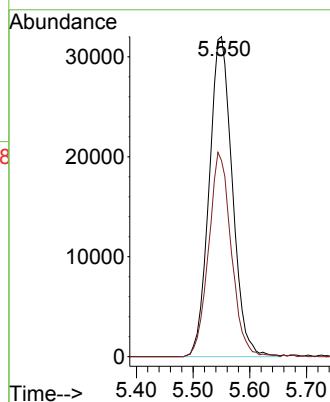
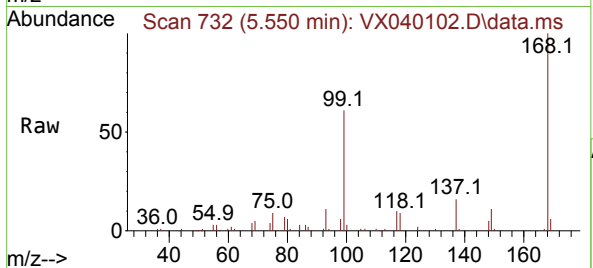




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

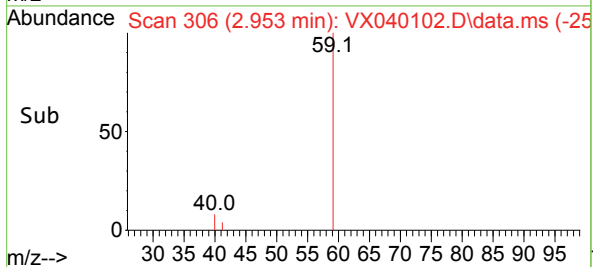
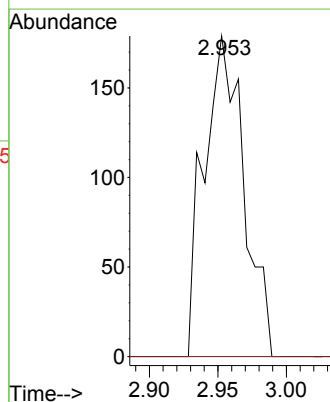
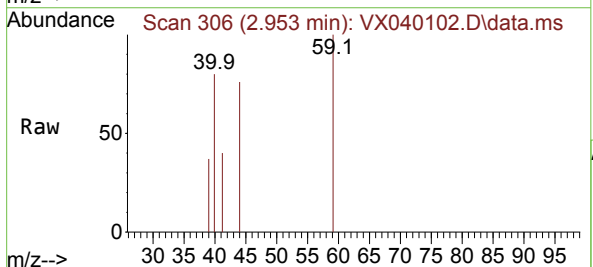
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

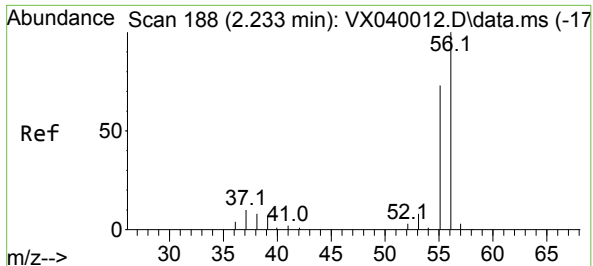
Tgt Ion:168 Resp: 90819
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.365 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

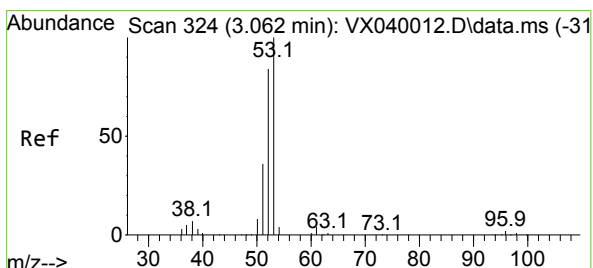
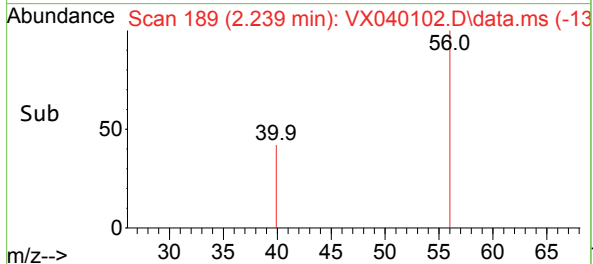
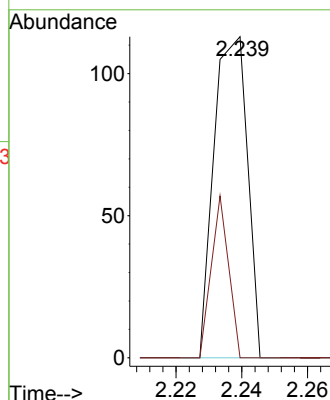
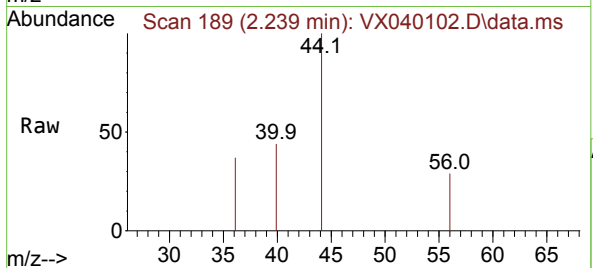




#13
Acrolein
Concen: 0.315 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

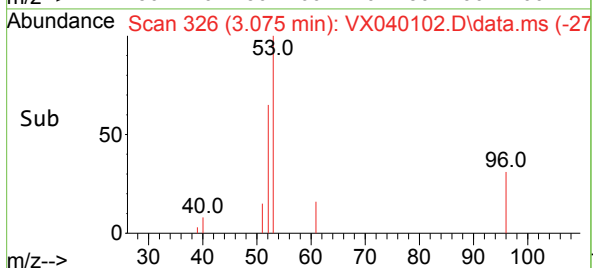
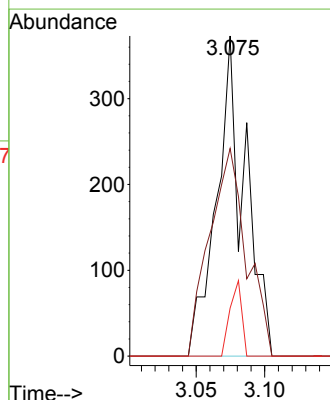
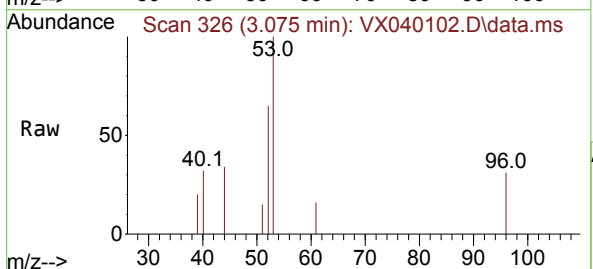
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

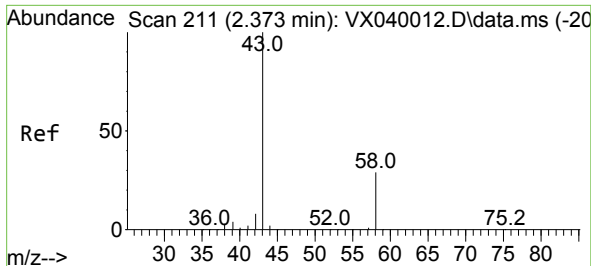
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 26.3 57.1 85.7#



#15
Acrylonitrile
Concen: 0.810 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion: 53 Resp: 538
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 9.9 29.8 44.6#

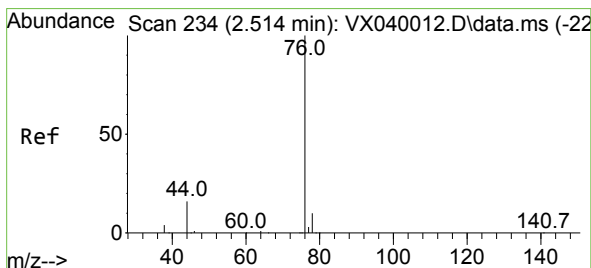
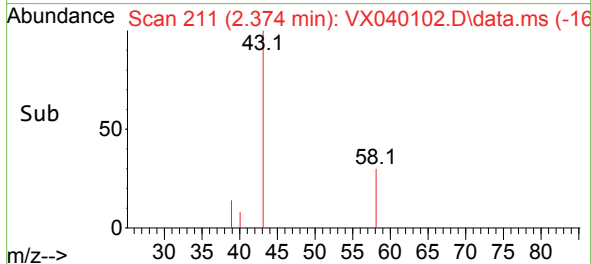
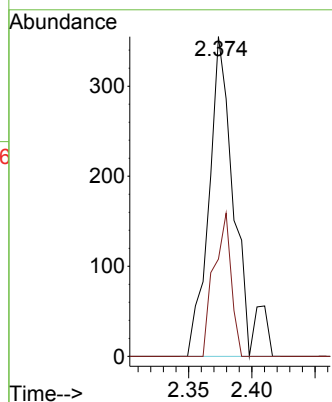
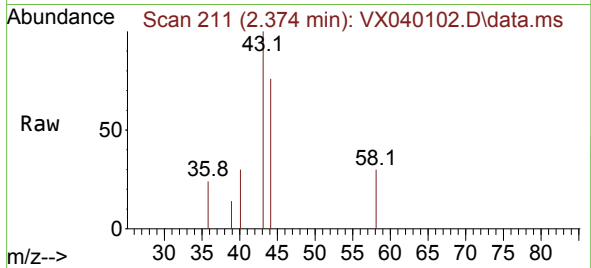




#16
Acetone
Concen: 0.733 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

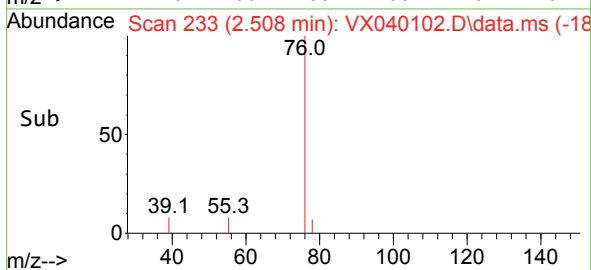
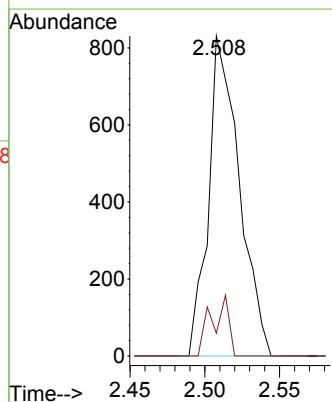
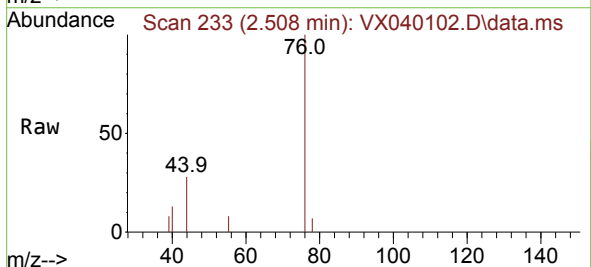
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

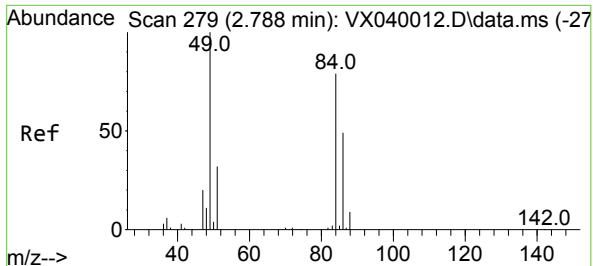
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion: 76 Resp: 1190
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.6

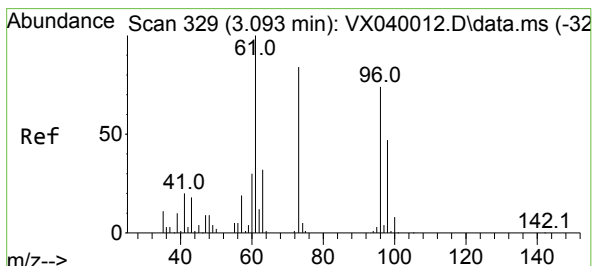
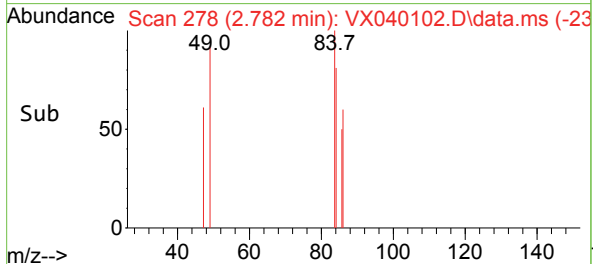
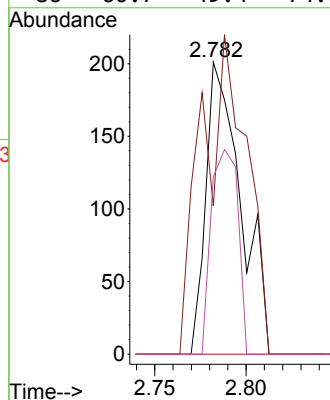
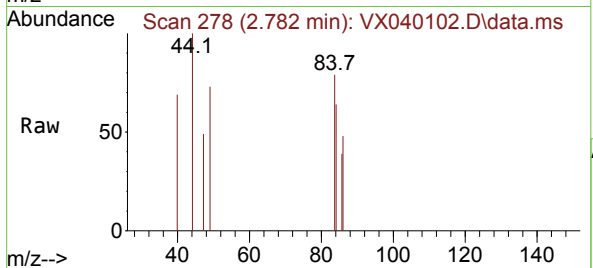




#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

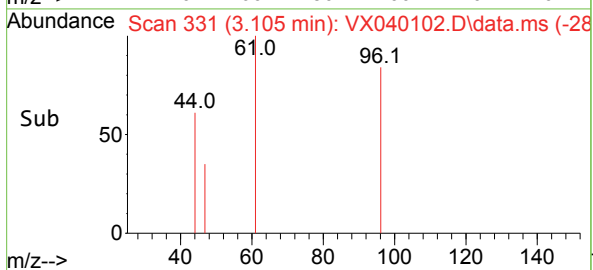
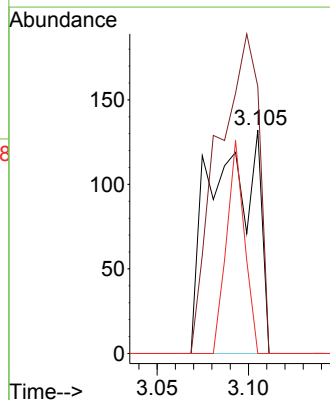
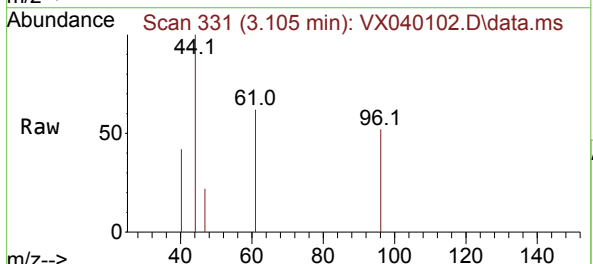
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

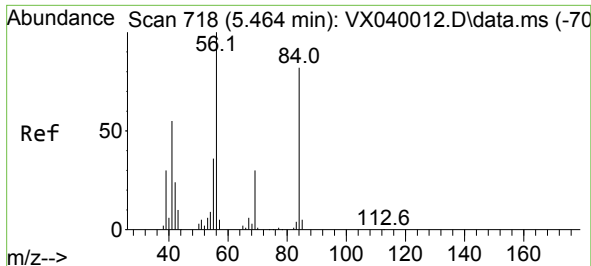
Tgt Ion: 84	Resp: 268
Ion Ratio	Lower Upper
84 100	
49 50.7	103.6 155.4#
51 0.0	33.8 50.6#
86 60.7	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion: 96	Resp:	235	
Ion	Ratio	Lower	Upper
96	100		
61	119.7	119.2	178.8
98	0.0	48.7	73.1#

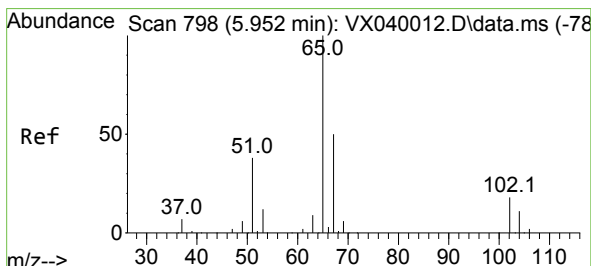
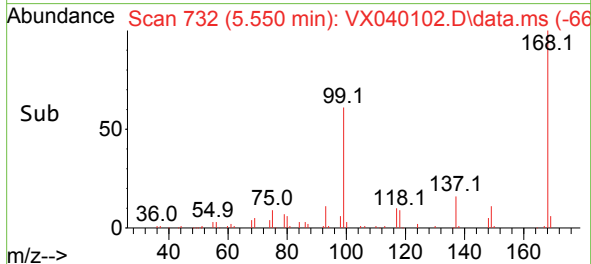
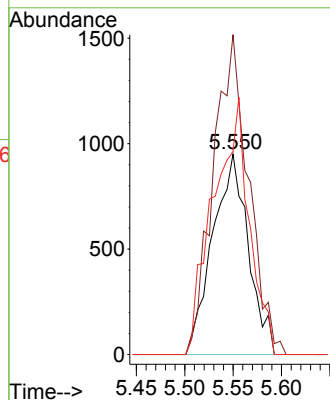
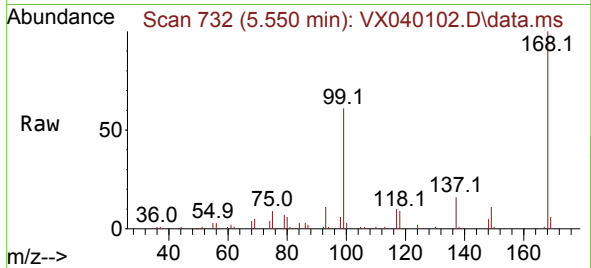




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

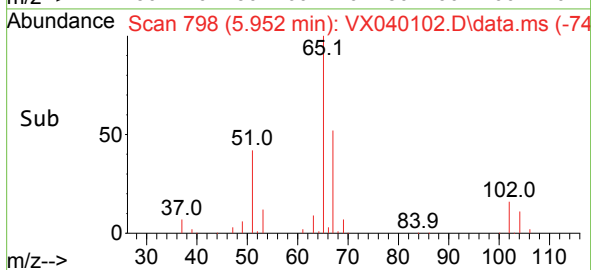
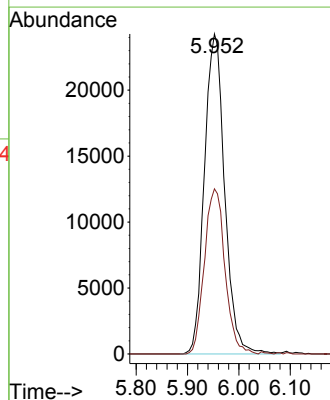
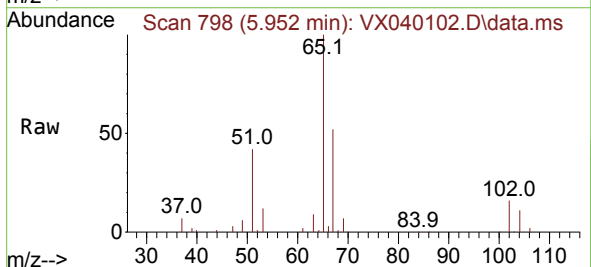
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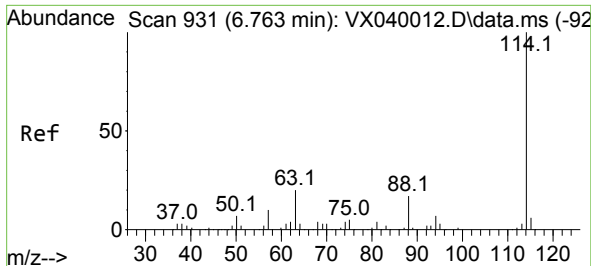
Tgt Ion: 56 Resp: 2424
Ion Ratio Lower Upper
56 100
69 159.7 23.4 35.2#
84 101.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.397 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion: 65 Resp: 66353
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

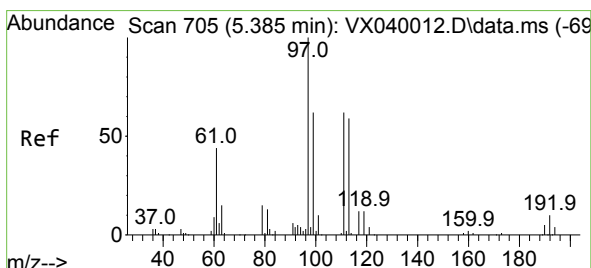
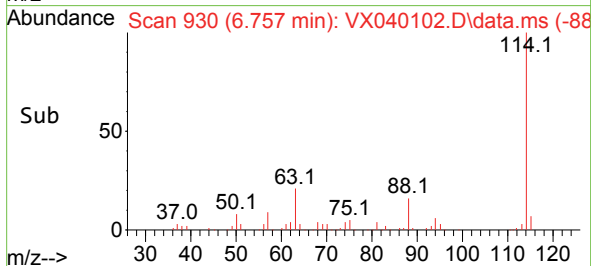
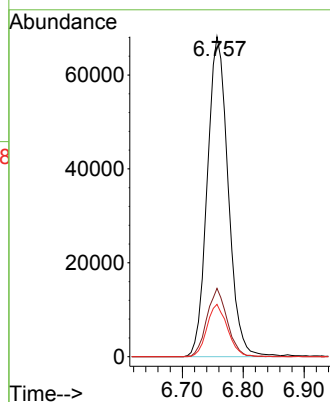
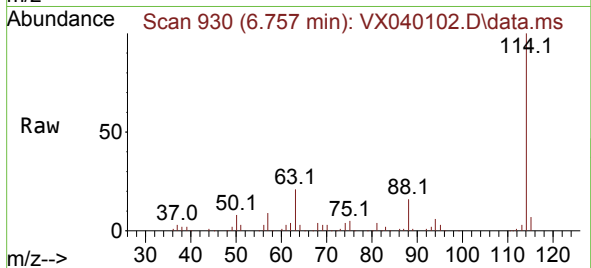




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

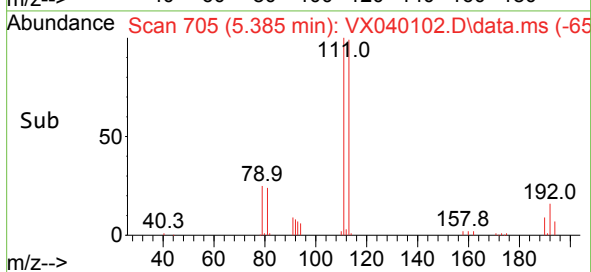
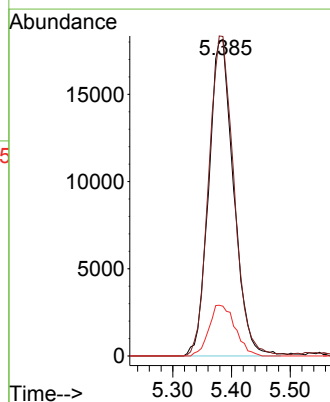
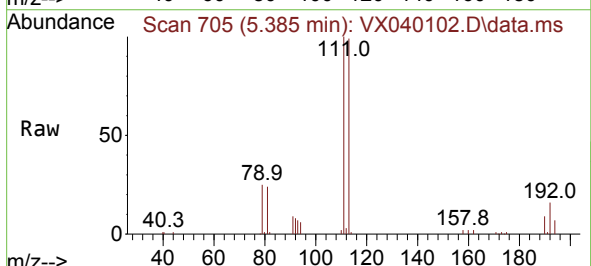
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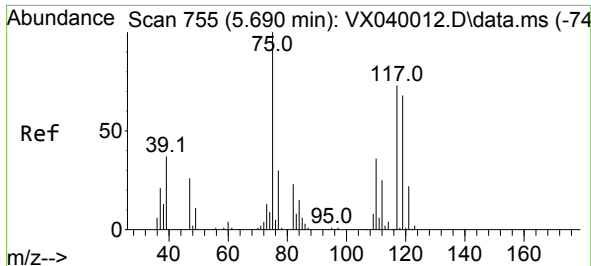
Tgt Ion:114 Resp: 162224
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.356 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion:113 Resp: 53400
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.9 13.3 19.9

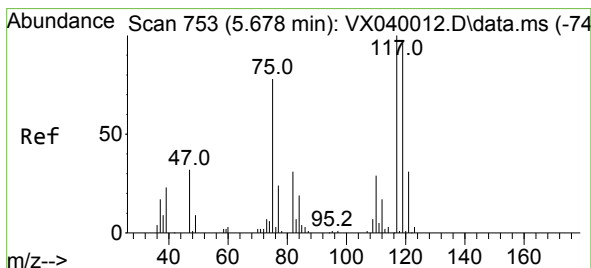
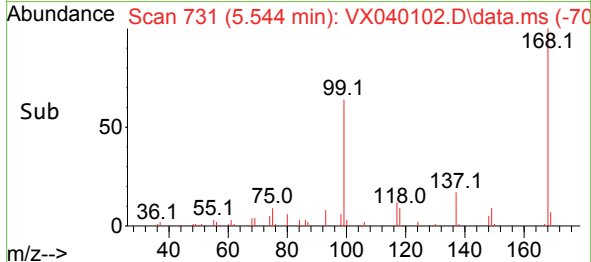
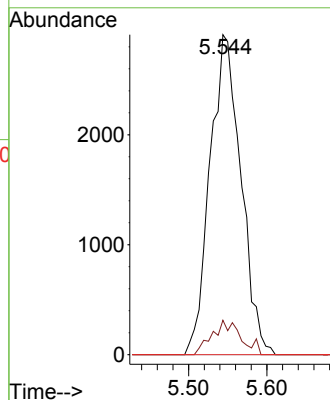
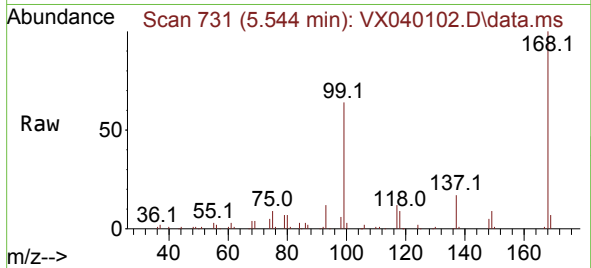




#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

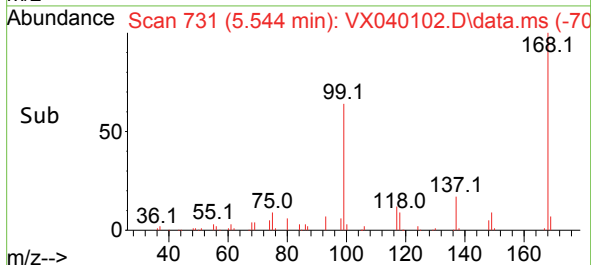
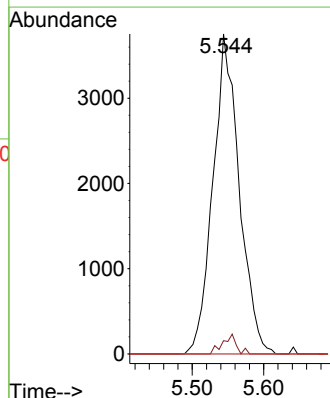
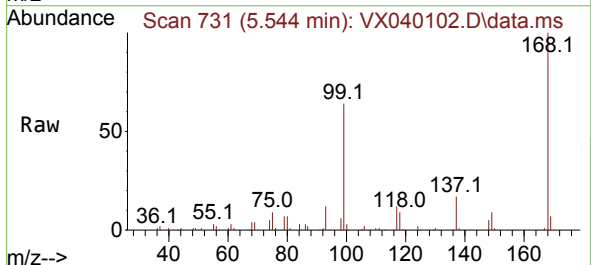
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

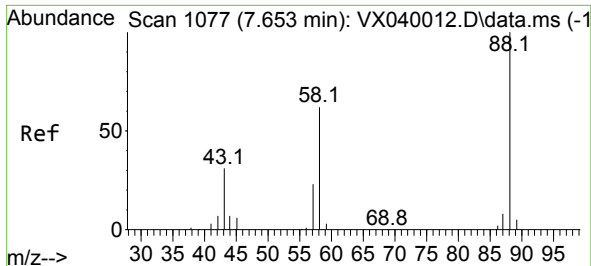
Tgt Ion: 75 Resp: 7977
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion: 117 Resp: 9588
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

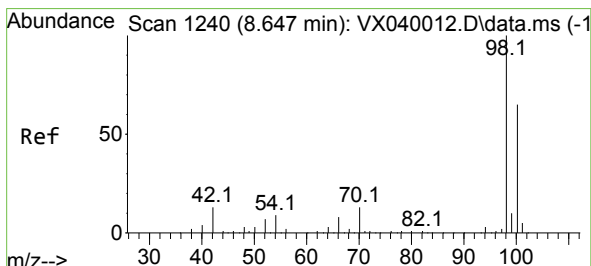
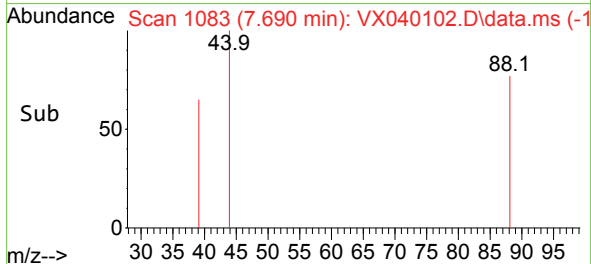
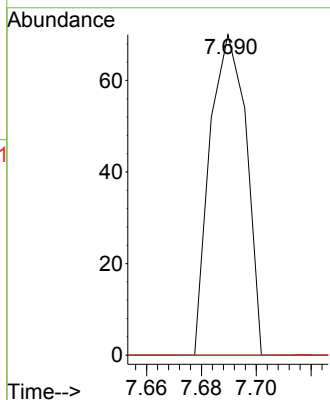
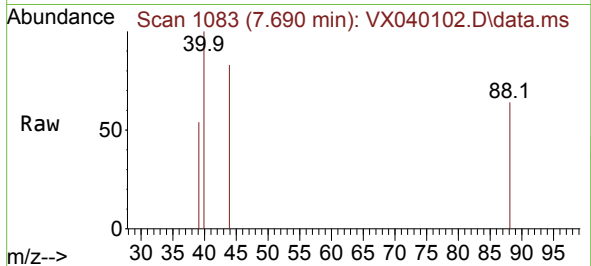




#49
 1,4-Dioxane
 Concen: 2.174 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.037 min
 Lab File: VX040102.D
 Acq: 05 Feb 2024 09:54

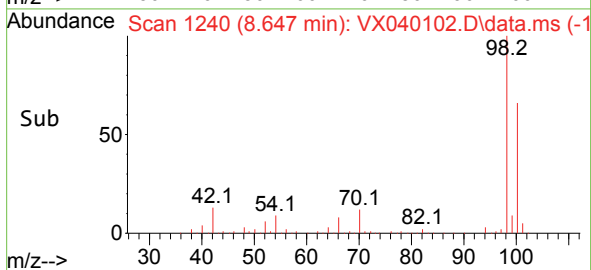
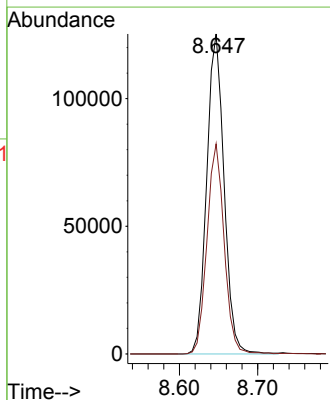
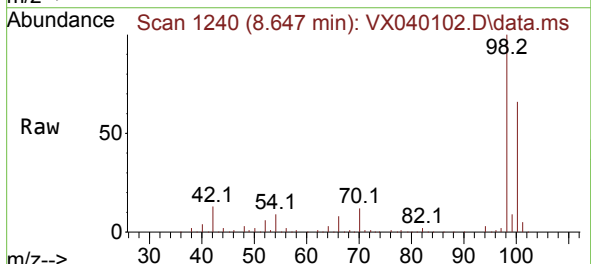
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205MBL01

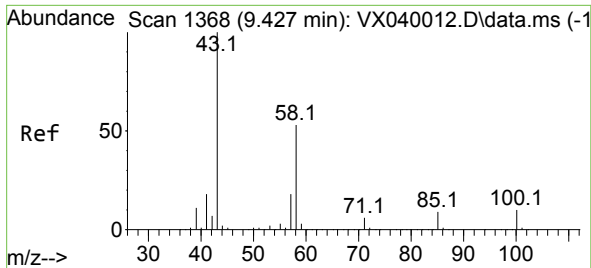
Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 0.0 60.1 90.1#



#50
 Toluene-d8
 Concen: 46.574 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX040102.D
 Acq: 05 Feb 2024 09:54

Tgt Ion: 98 Resp: 192344
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.1 79.7

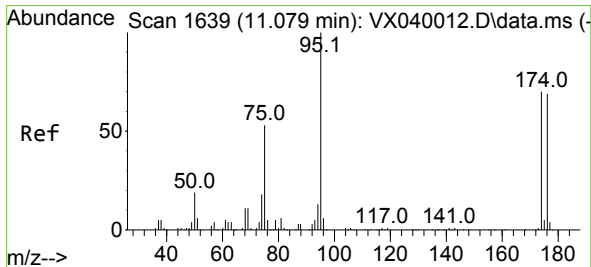
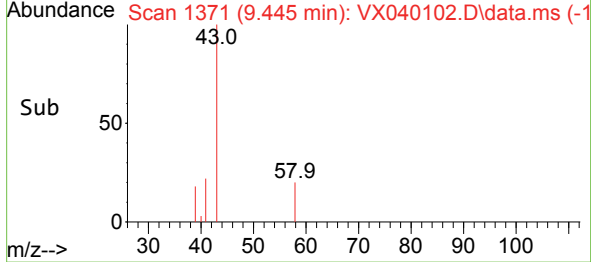
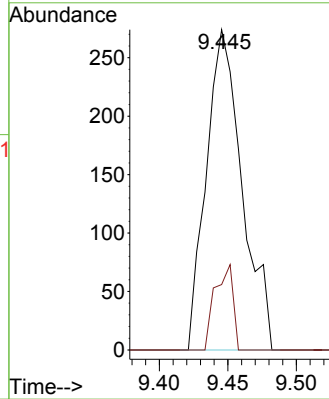
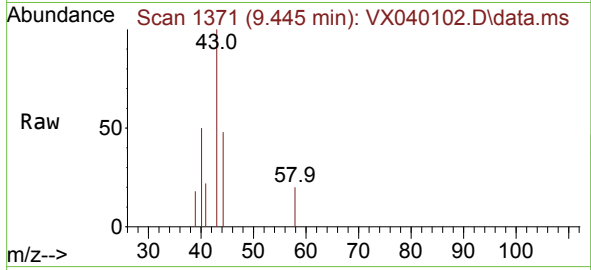




#59
2-Hexanone
Concen: 0.333 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

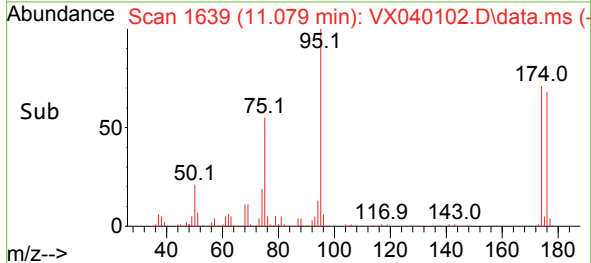
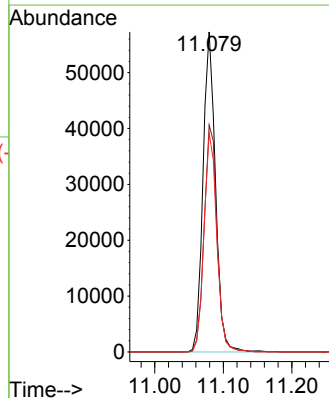
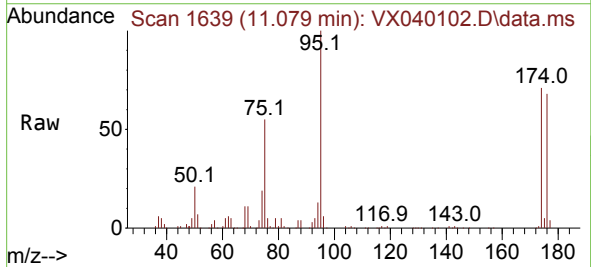
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

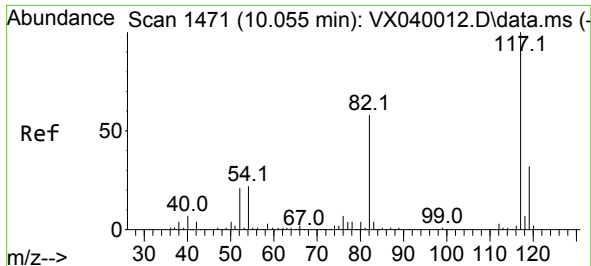
Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
58 13.5 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 45.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion: 95 Resp: 72678
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.1 0.0 131.0

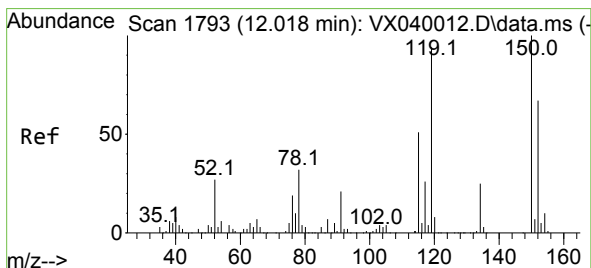
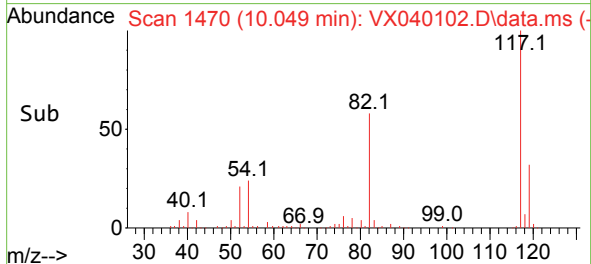
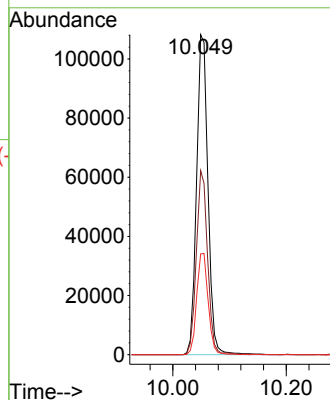
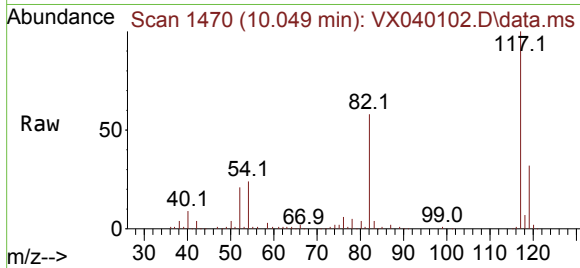




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

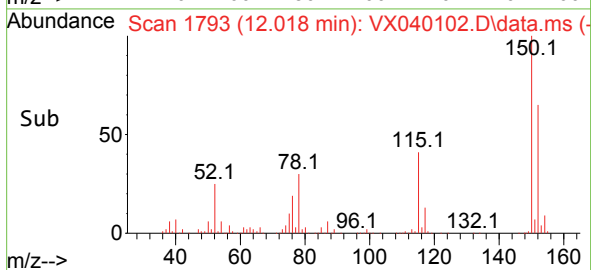
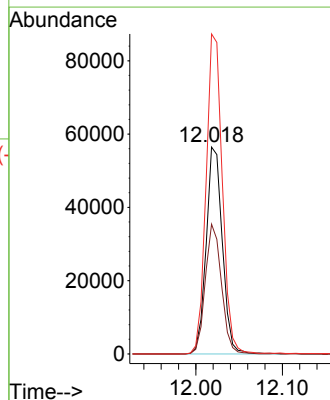
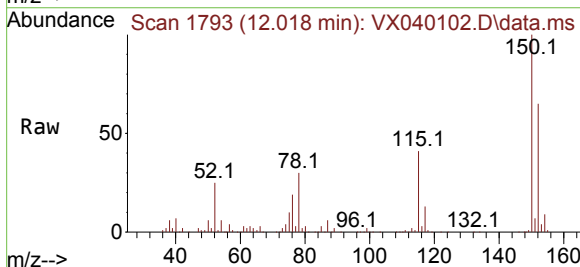
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

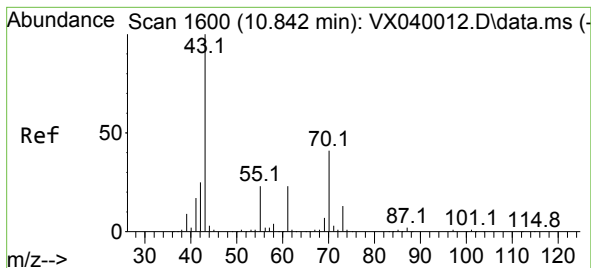
Tgt Ion:117 Resp: 150903
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion:152 Resp: 73247
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 155.6 0.0 345.0





#74

N-amy1 acetate

Concen: 0.253 ug/l

RT: 10.842 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040102.D

Acq: 05 Feb 2024 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0205MBL01

Tgt Ion: 43 Resp: 130

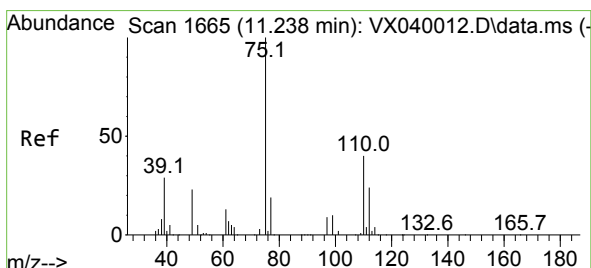
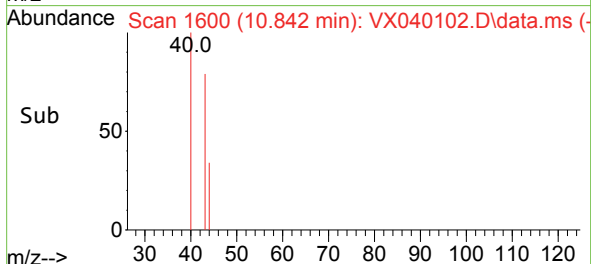
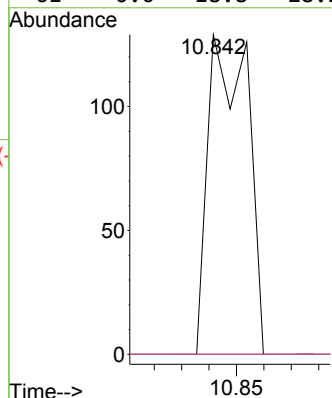
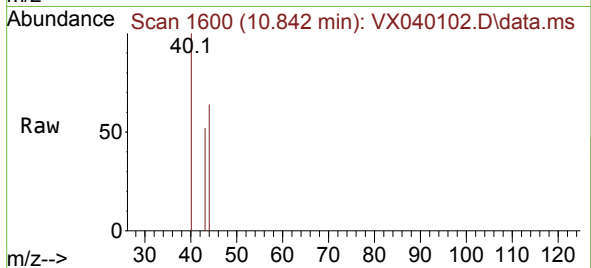
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 25.826 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040102.D

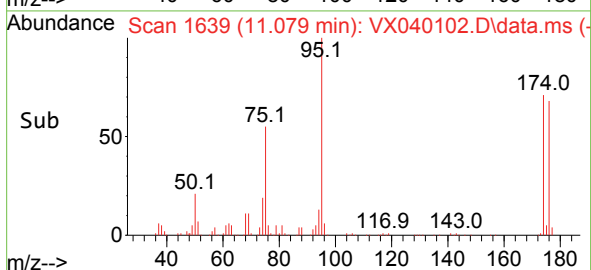
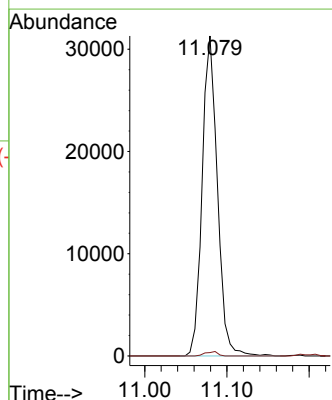
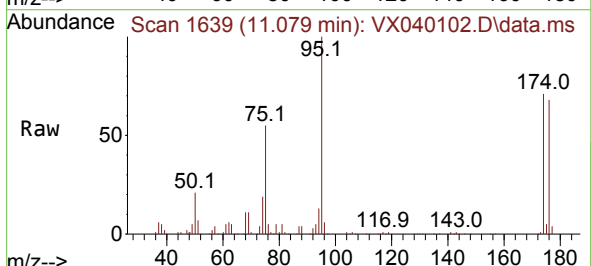
Acq: 05 Feb 2024 09:54

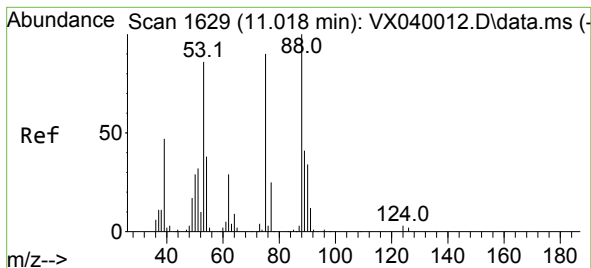
Tgt Ion: 75 Resp: 40283

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

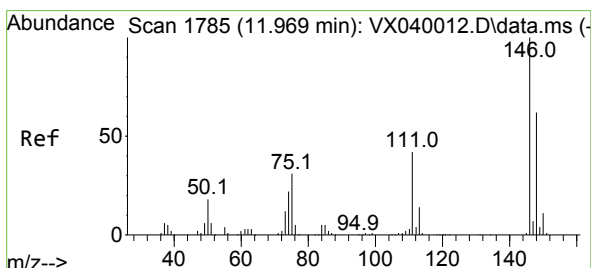
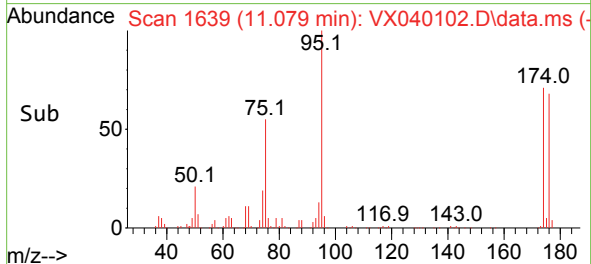
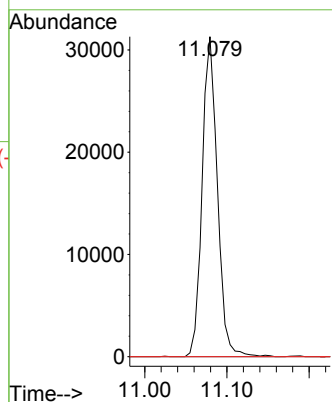
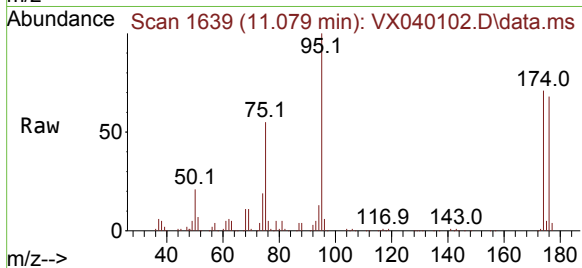




#81
trans-1,4-Dichloro-2-butene
Concen: 75.958 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

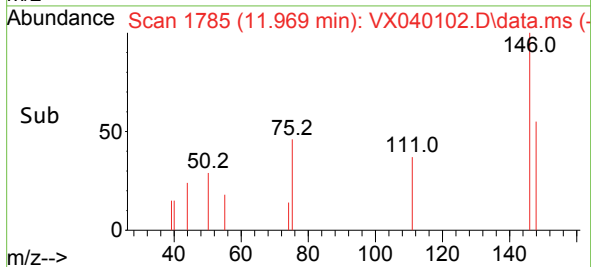
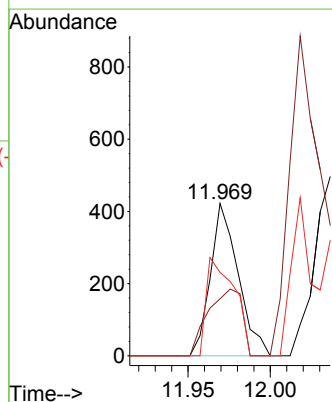
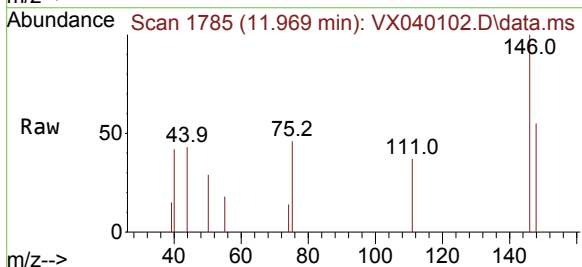
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

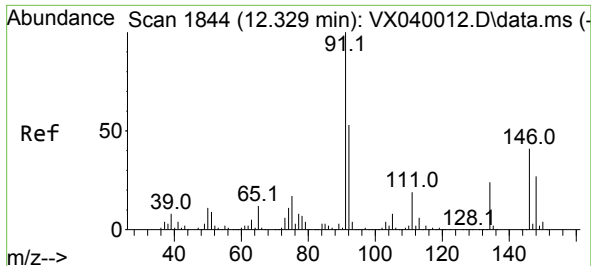
Tgt Ion: 75 Resp: 40283
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.202 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

Tgt Ion:146 Resp: 495
Ion Ratio Lower Upper
146 100
111 53.7 22.1 66.1
148 64.6 31.8 95.3





#89

n-Butylbenzene

Concen: 0.250 ug/l

RT: 12.335 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX040102.D

Acq: 05 Feb 2024 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0205MBL01

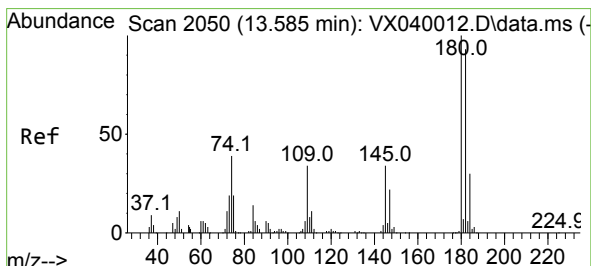
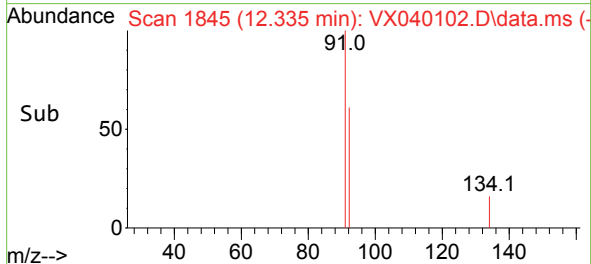
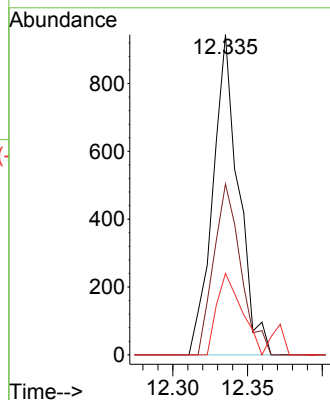
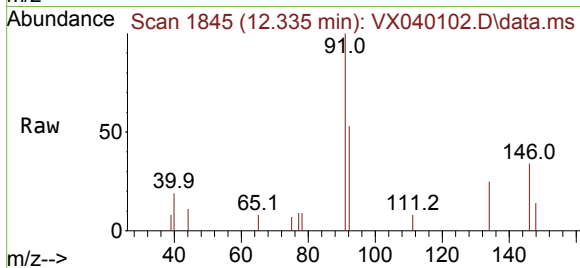
Tgt Ion: 91 Resp: 1134

Ion Ratio Lower Upper

91 100

92 55.6 27.4 82.0

134 24.4 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.499 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040102.D

Acq: 05 Feb 2024 09:54

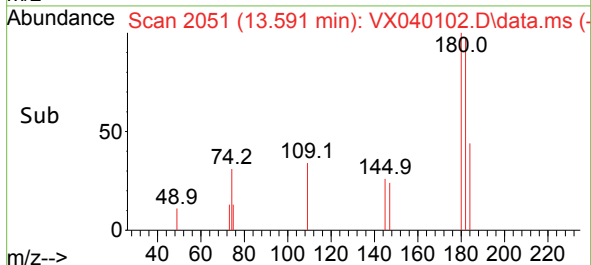
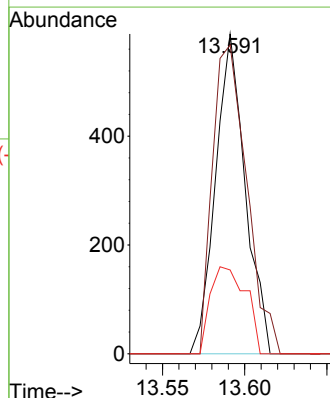
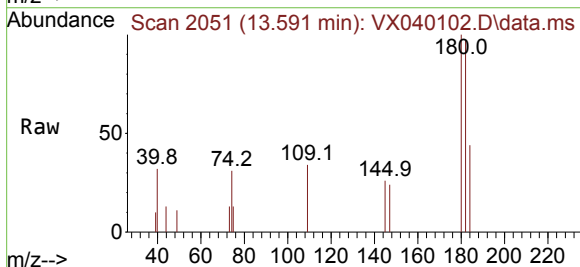
Tgt Ion: 180 Resp: 736

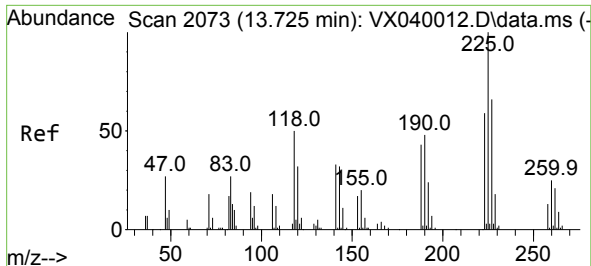
Ion Ratio Lower Upper

180 100

182 111.4 48.3 144.8

145 32.6 18.0 54.0

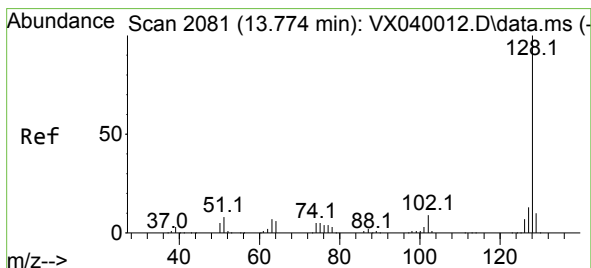
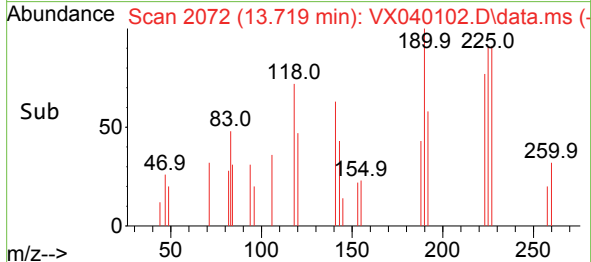
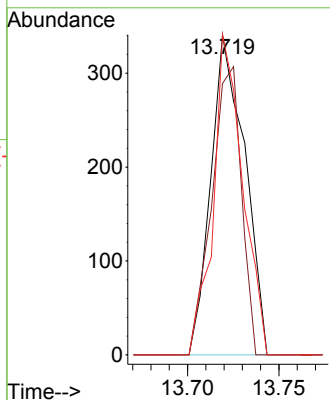
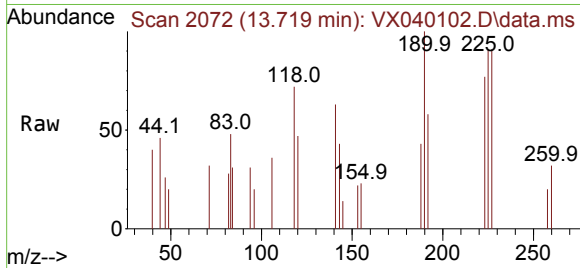




#94
Hexachlorobutadiene
Concen: 0.757 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

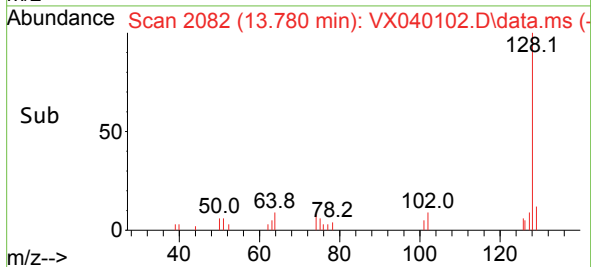
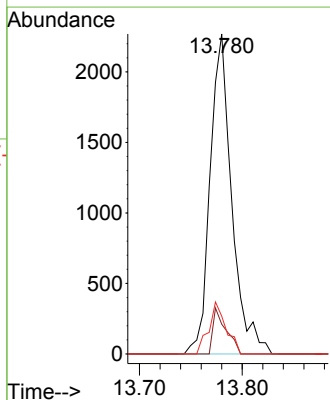
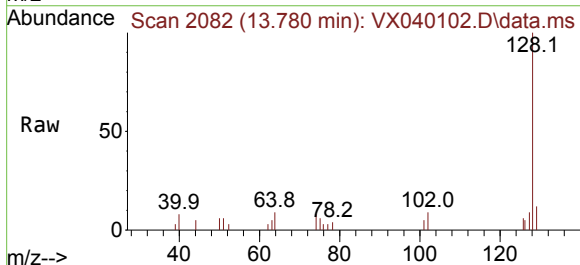
Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

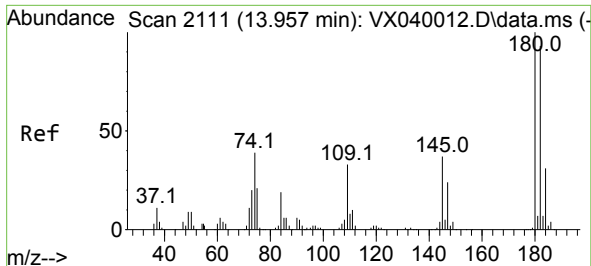
Tgt Ion:	225	Resp:	440
Ion	Ratio	Lower	Upper
225	100		
223	78.9	31.1	93.2
227	86.8	32.5	97.5



#95
Naphthalene
Concen: 0.663 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040102.D
Acq: 05 Feb 2024 09:54

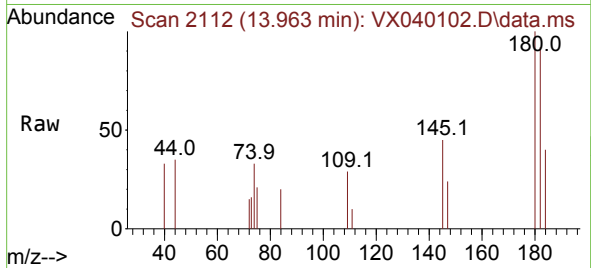
Tgt Ion:	128	Resp:	3323
Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.3	15.5#
129	13.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.541 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX040102.D
 Acq: 05 Feb 2024 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205MBL01



Tgt Ion:	180	Resp:	789
Ion	Ratio	Lower	Upper
180	100		
182	102.3	46.9	140.6
145	28.5	17.8	53.5

