

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040018.D
 Acq On : 30 Jan 2024 14:51
 Operator : JC/MD
 Sample : VX0130WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBL01

Quant Time: Jan 31 05:36:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

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

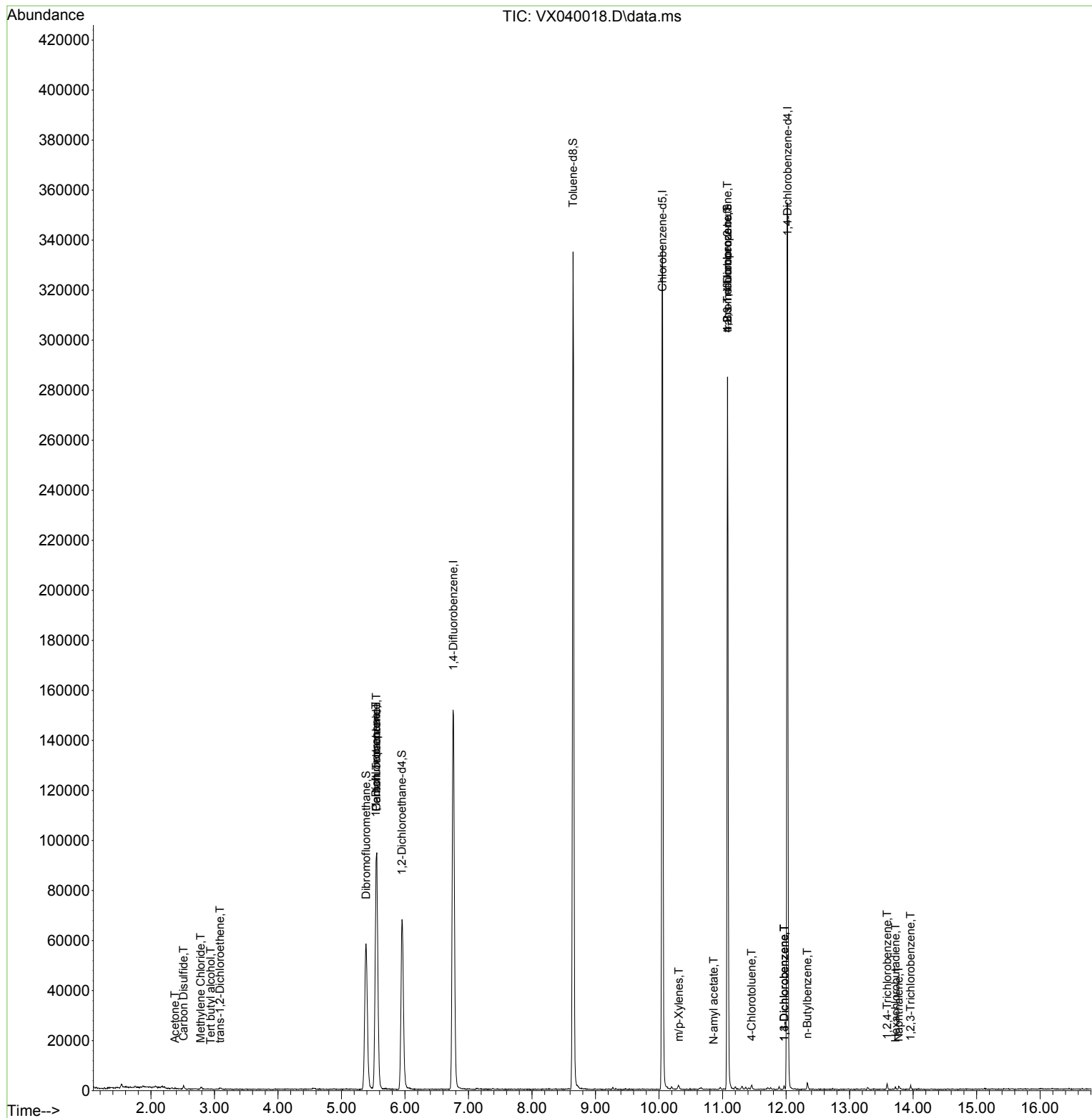
Internal Standards						
1) Pentafluorobenzene	5.550	168	86529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155933	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65257	46.861	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.385	113	50762	47.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	193689	48.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	74342	48.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	51	0.202	ug/l #	78
16) Acetone	2.380	43	312	0.478	ug/l #	83
17) Carbon Disulfide	2.514	76	1298	0.456	ug/l #	86
20) Methylene Chloride	2.782	84	343	0.296	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	282	0.263	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	7702	5.017	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9573	6.517	ug/l #	15
68) m/p-Xylenes	10.311	106	449	0.214	ug/l	94
74) N-amyl acetate	10.860	43	25	0.210	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	41190	29.162	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41190	84.022	ug/l #	5
82) 4-Chlorotoluene	11.457	91	947	0.234	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	476	0.215	ug/l	86
88) 1,4-Dichlorobenzene	11.969	146	476	0.210	ug/l	85
89) n-Butylbenzene	12.335	91	1261	0.307	ug/l	95
90) Hexachloroethane	12.530	117	24	Below Cal	#	17
93) 1,2,4-Trichlorobenzene	13.591	180	583	0.436	ug/l	83
94) Hexachlorobutadiene	13.725	225	160	0.304	ug/l #	41
95) Naphthalene	13.774	128	1306	0.288	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	393	0.298	ug/l	94

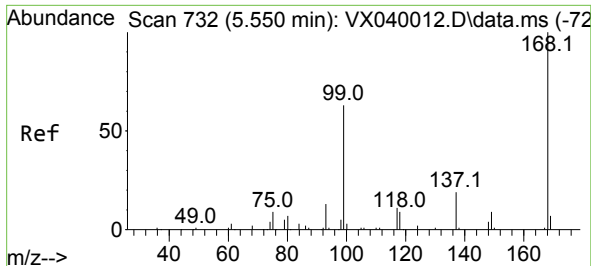
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
Data File : VX040018.D
Acq On : 30 Jan 2024 14:51
Operator : JC/MD
Sample : VX0130WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

Quant Time: Jan 31 05:36:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration

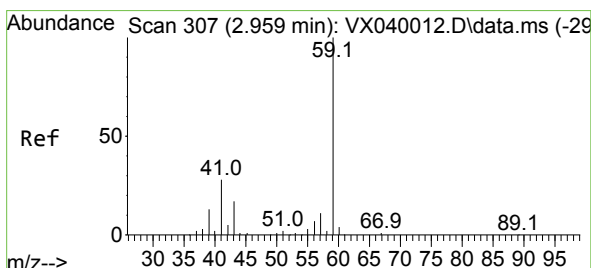
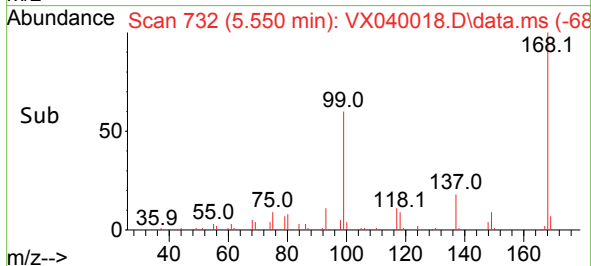
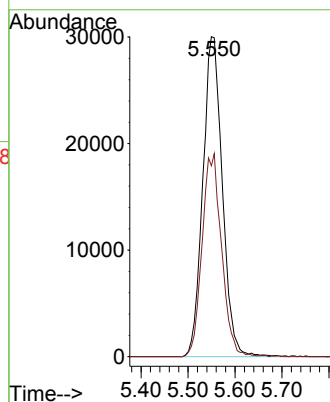
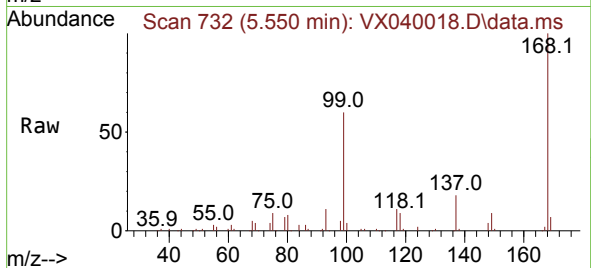




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

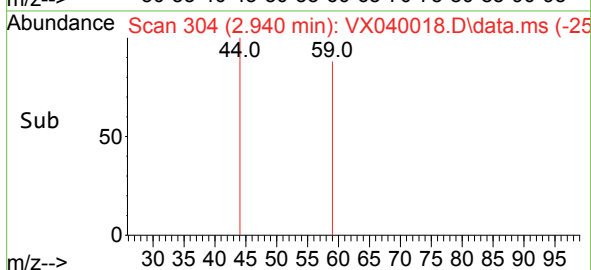
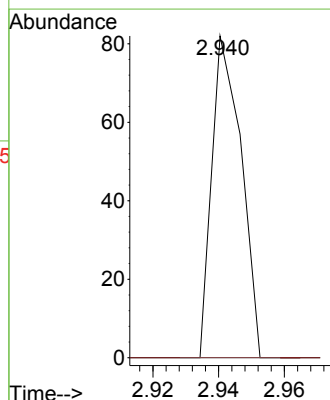
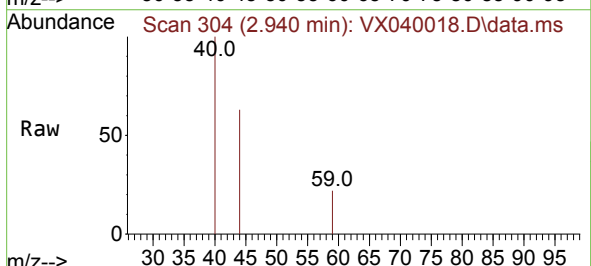
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

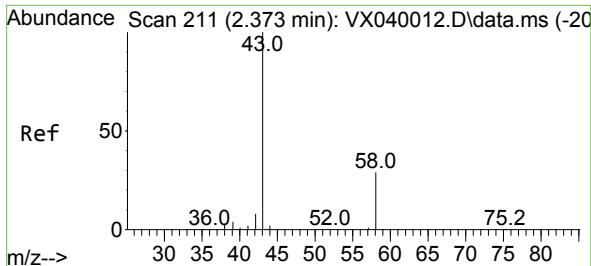
Tgt Ion:168 Resp: 86529
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

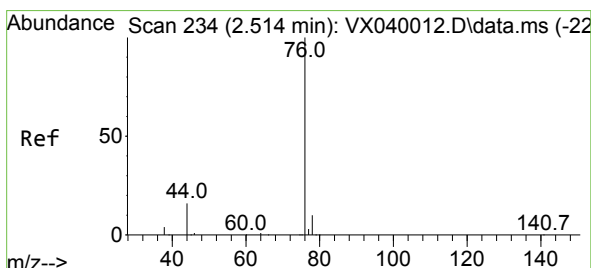
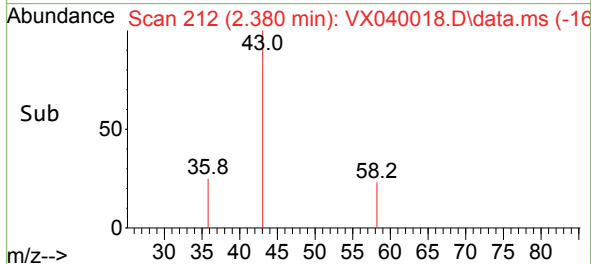
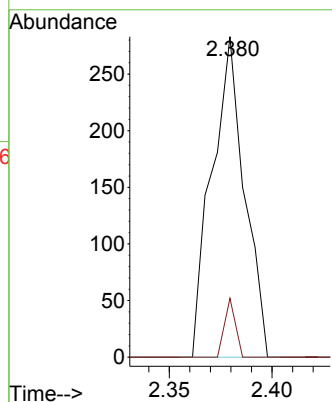
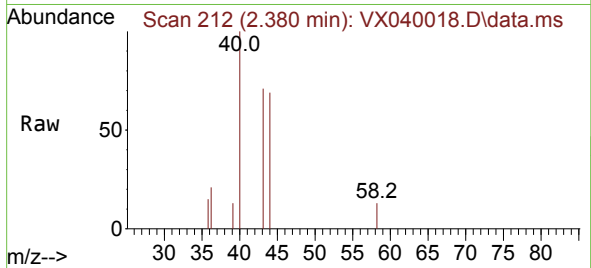




#16
Acetone
Concen: 0.478 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

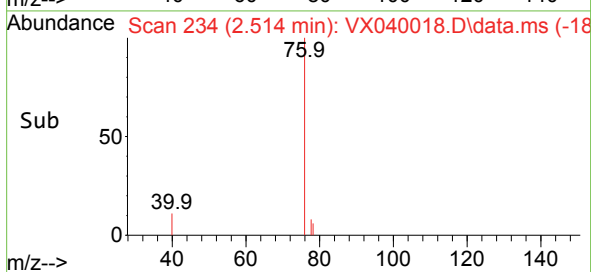
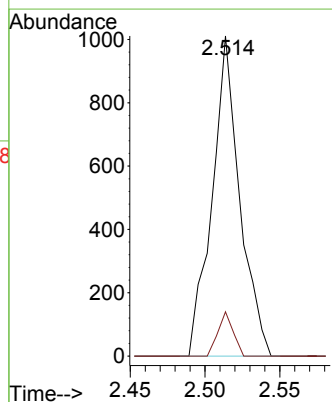
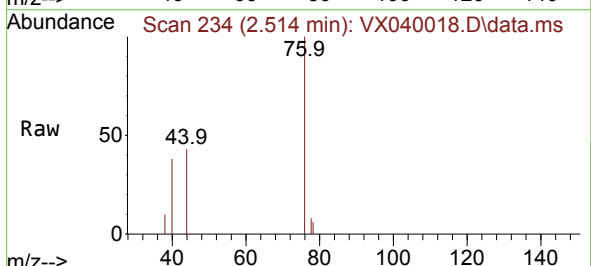
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

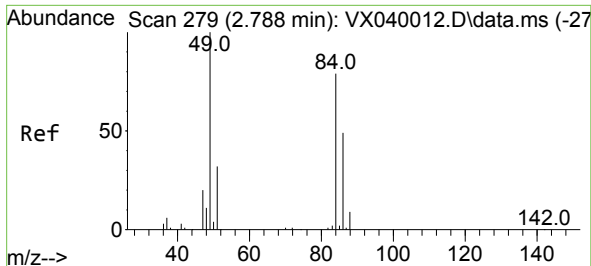
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 18.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

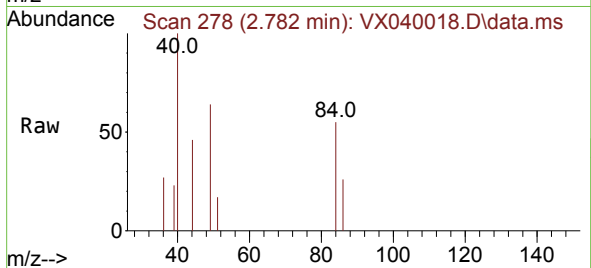
Tgt Ion: 76 Resp: 1298
Ion Ratio Lower Upper
76 100
78 13.8 7.0 10.6#



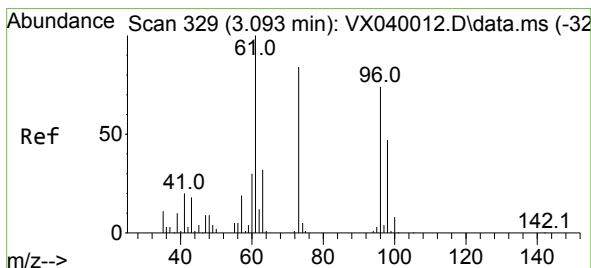
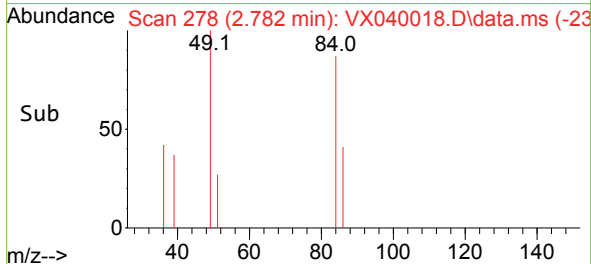
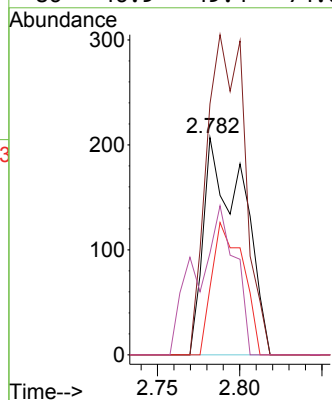


#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

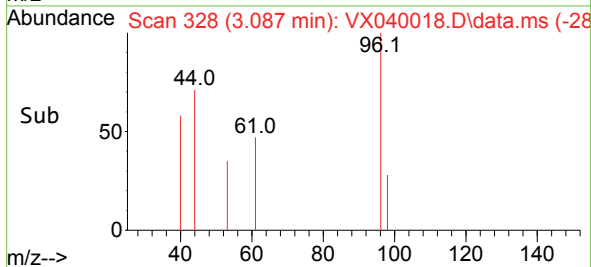
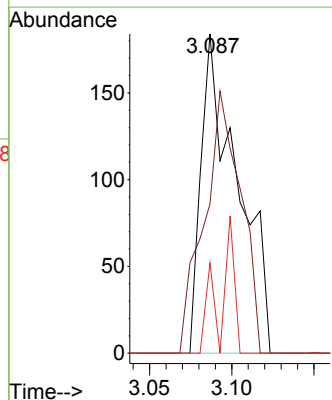
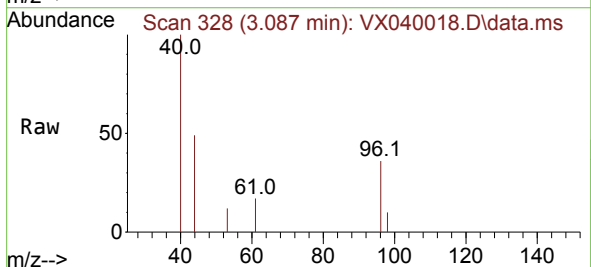


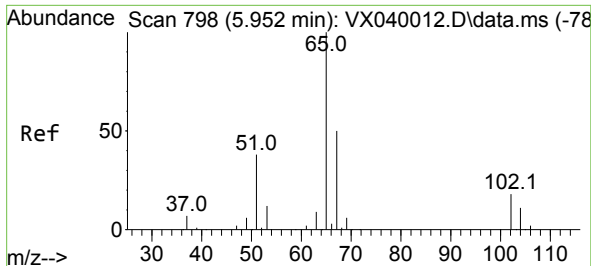
Tgt Ion: 84 Resp: 343
Ion Ratio Lower Upper
84 100
49 115.5 103.6 155.4
51 30.9 33.8 50.6#
86 46.9 49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.263 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion: 96 Resp: 282
Ion Ratio Lower Upper
96 100
61 46.7 119.2 178.8#
98 28.3 48.7 73.1#





#33

1,2-Dichloroethane-d4

Concen: 46.861 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040018.D

Acq: 30 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

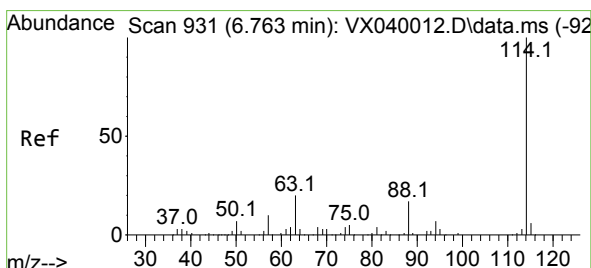
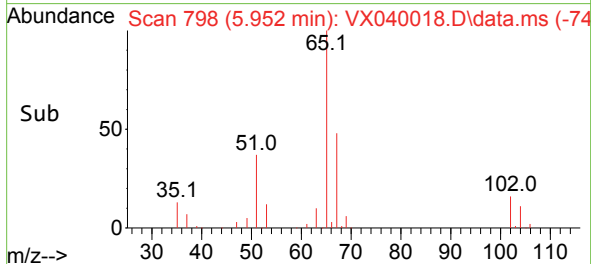
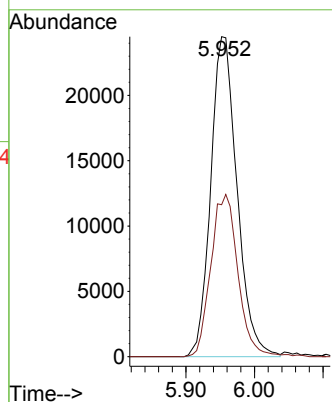
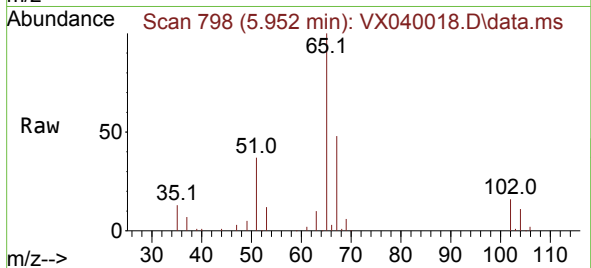
VX0130WBL01

Tgt Ion: 65 Resp: 65257

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040018.D

Acq: 30 Jan 2024 14:51

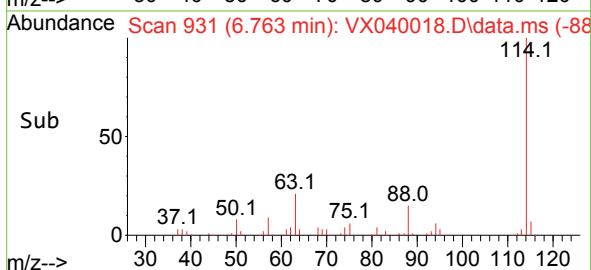
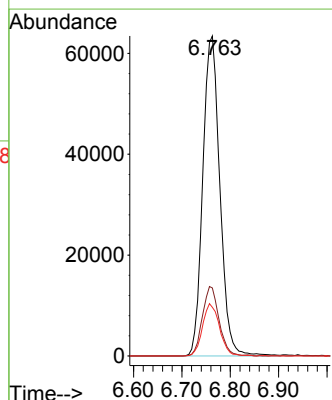
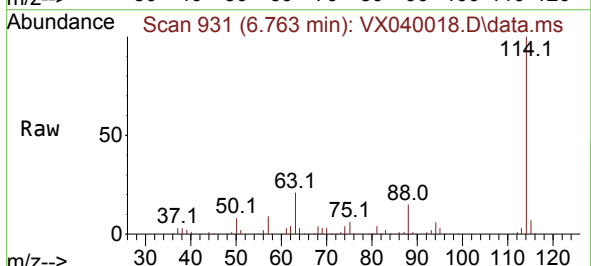
Tgt Ion: 114 Resp: 155933

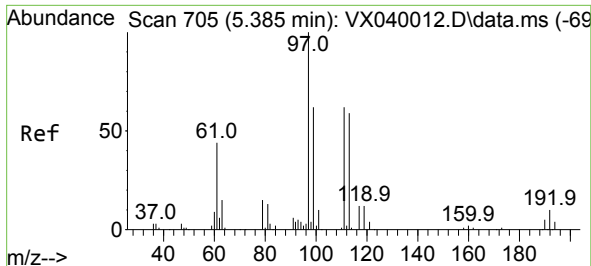
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.2 0.0 36.6

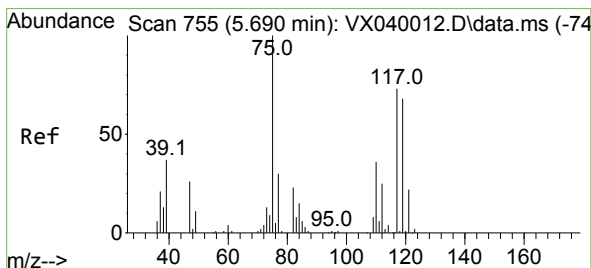
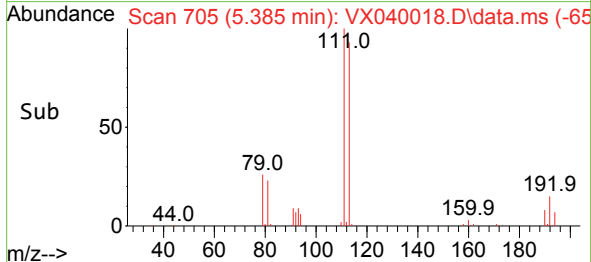
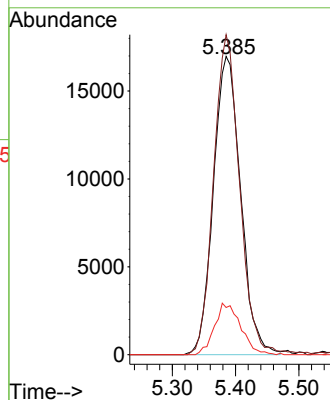
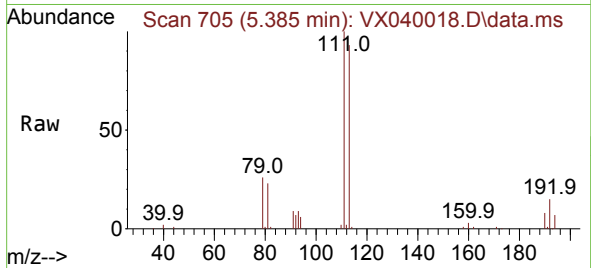




#35
Dibromofluoromethane
Concen: 47.821 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

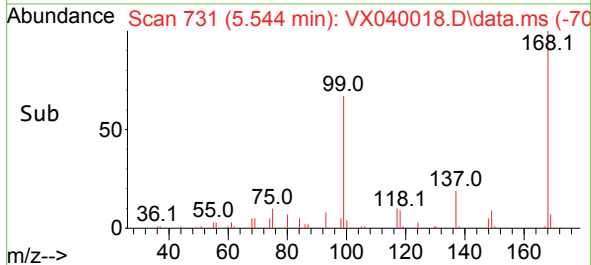
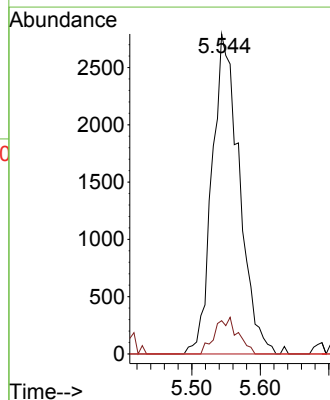
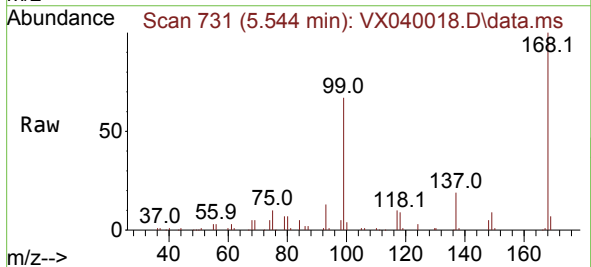
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

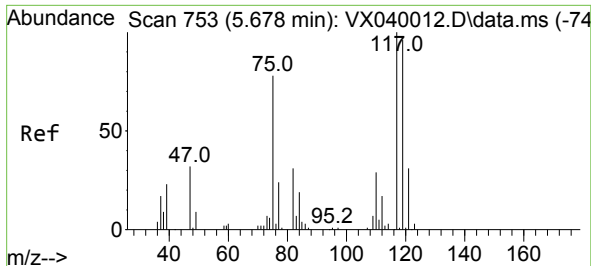
Tgt Ion:113 Resp: 50762
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

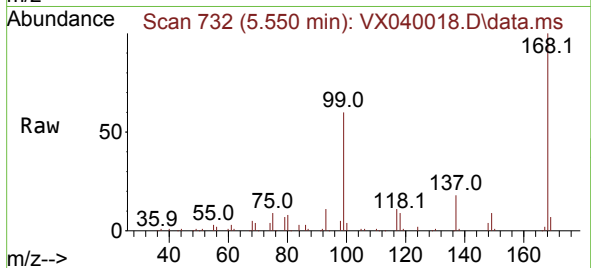
Tgt Ion: 75 Resp: 7702
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



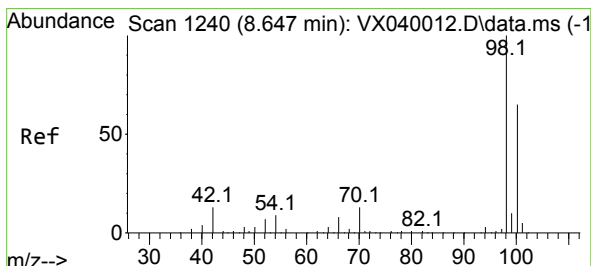
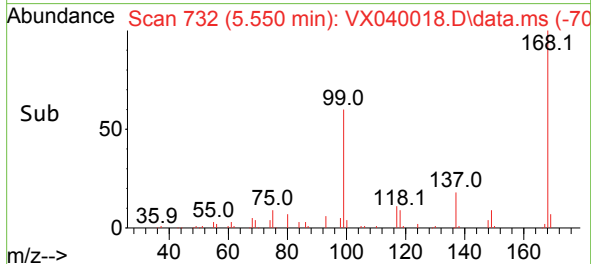
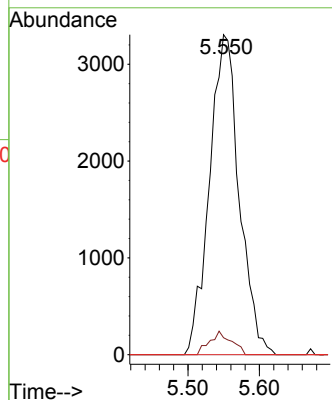


#38
Carbon Tetrachloride
Concen: 6.517 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

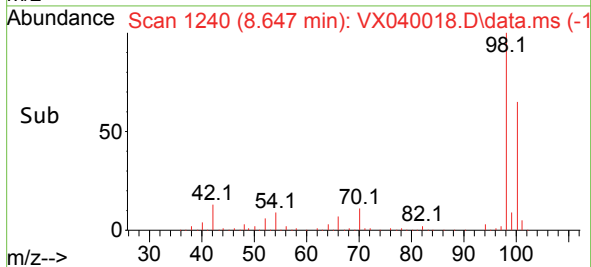
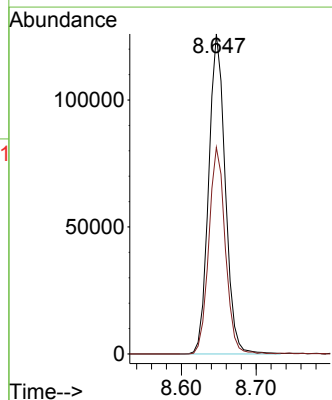
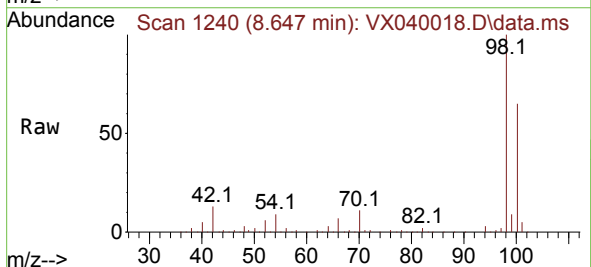


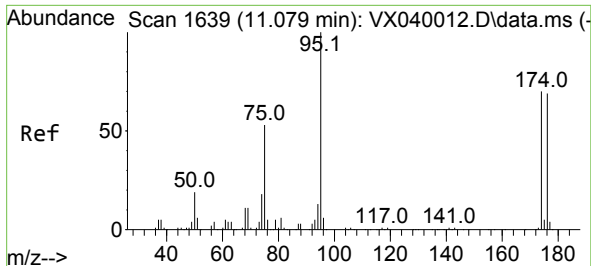
Tgt Ion:117 Resp: 9573
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion: 98 Resp: 193689
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

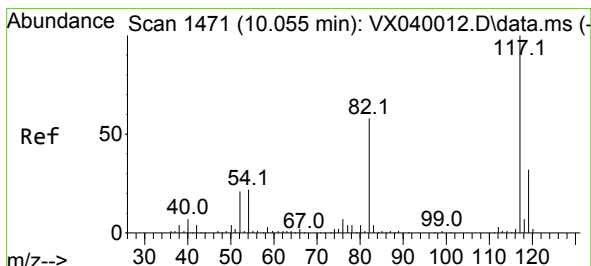
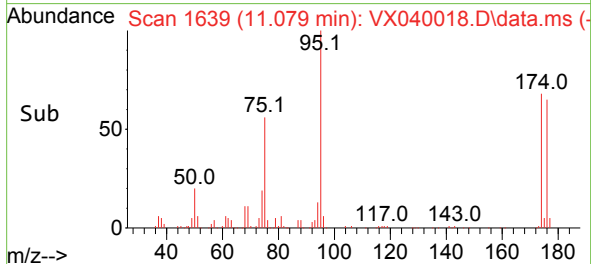
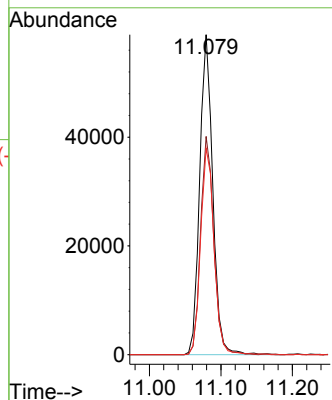
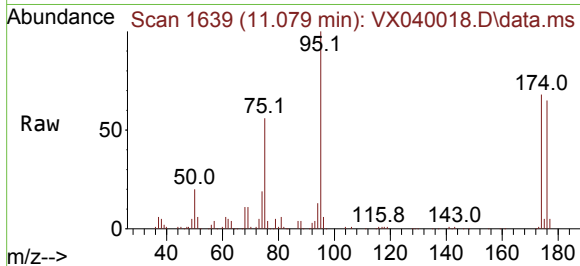




#62
4-Bromofluorobenzene
Concen: 48.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

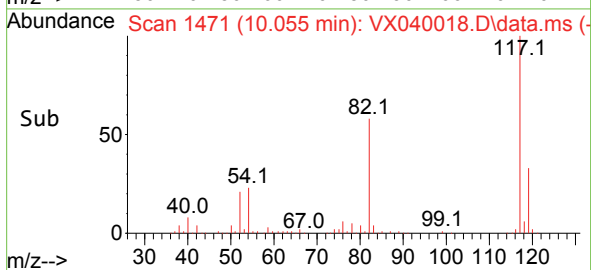
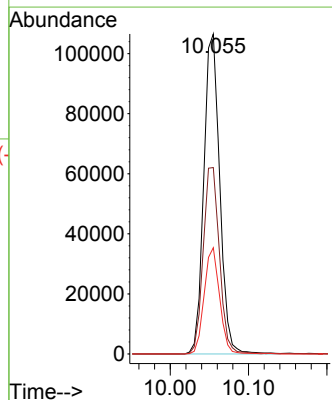
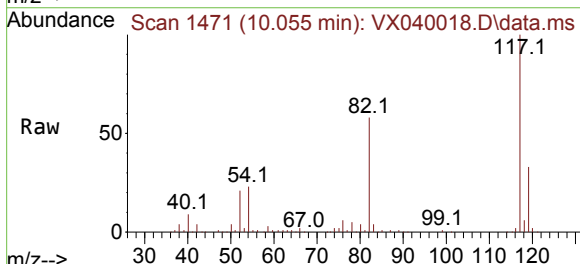
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

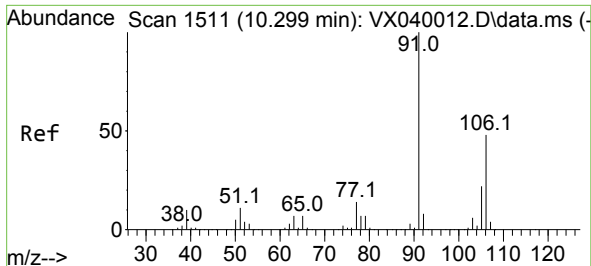
Tgt Ion: 95 Resp: 74342
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 66.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion: 117 Resp: 150503
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 33.2 25.5 38.3

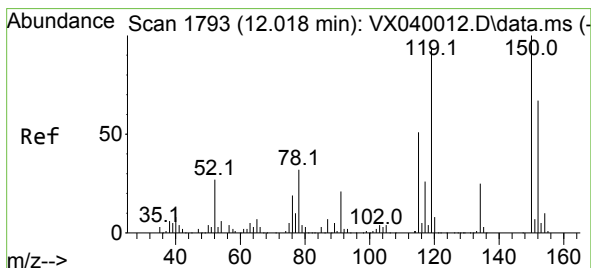
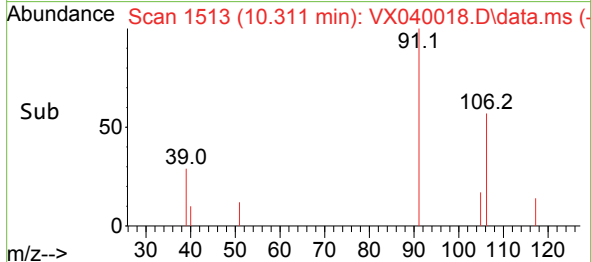
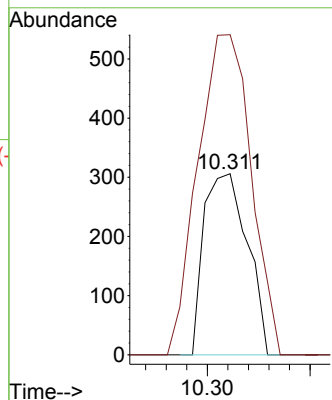
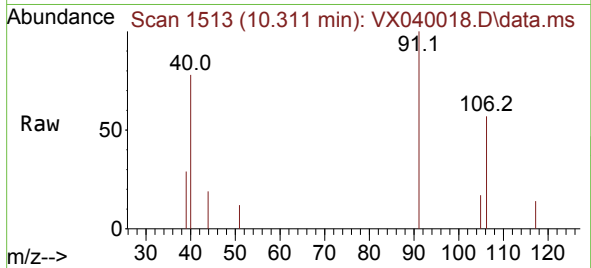




#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

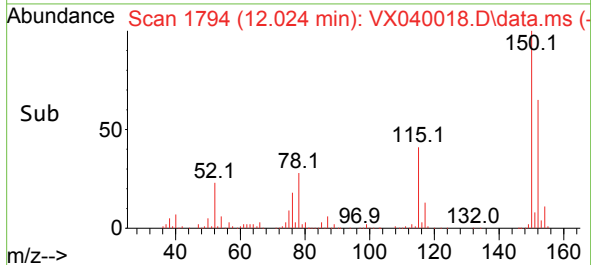
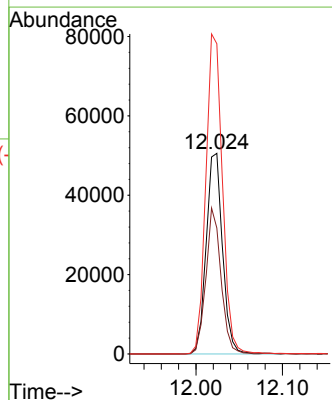
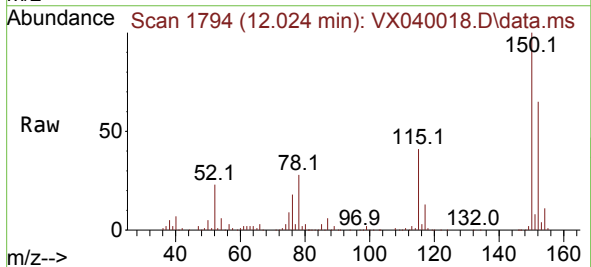
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

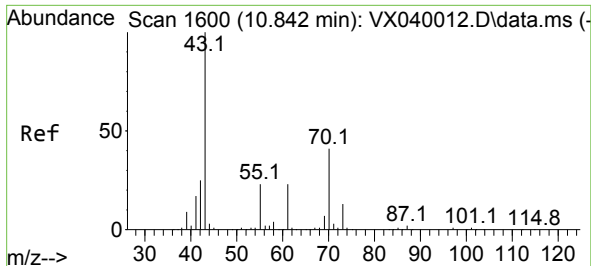
Tgt Ion:106 Resp: 449
Ion Ratio Lower Upper
106 100
91 216.9 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion:152 Resp: 66328
Ion Ratio Lower Upper
152 100
115 67.2 43.3 129.9
150 161.2 0.0 345.0

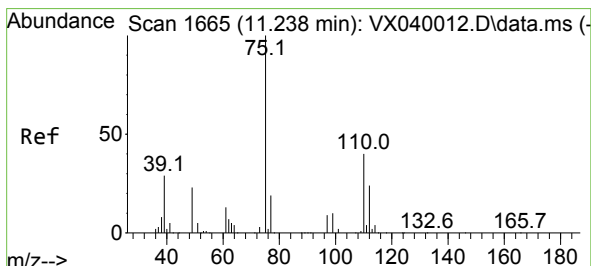
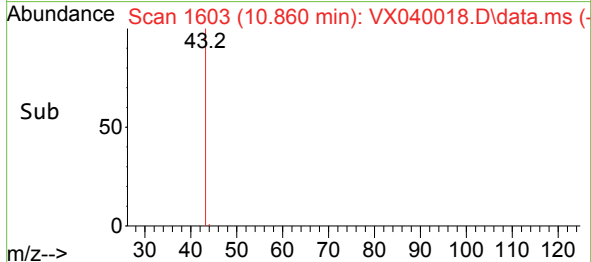
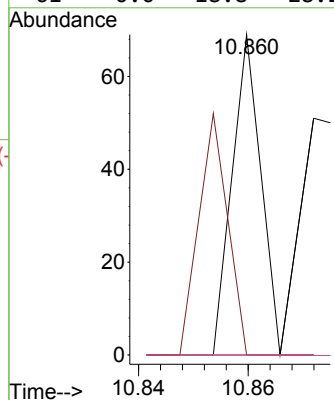
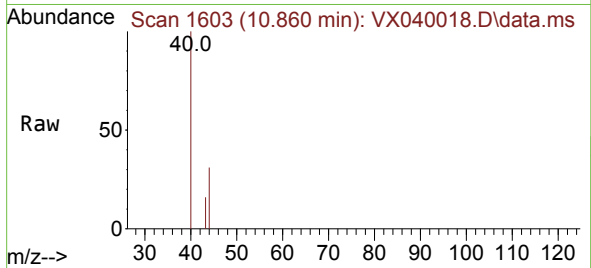




#74
N-amy1 acetate
Concen: 0.210 ug/l
RT: 10.860 min Scan# 1639
Delta R.T. 0.018 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

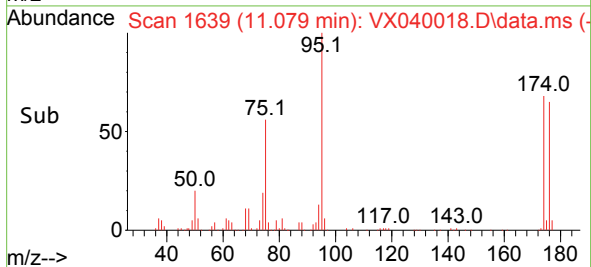
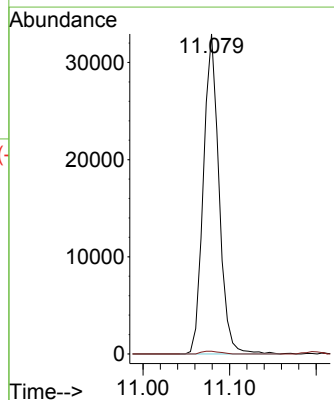
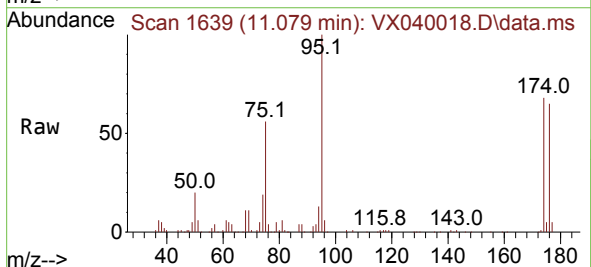
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

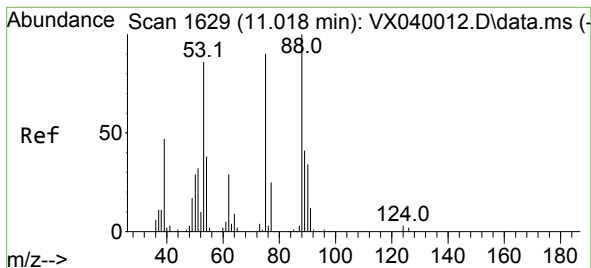
Tgt Ion: 43	Resp: 25
Ion Ratio	Lower Upper
43 100	
70 0.0	32.9 49.3#
55 0.0	19.3 28.9#
61 0.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 29.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion: 75	Resp:	41190	
Ion Ratio	Lower	Upper	
75 100			
77 1.0	19.1	57.5#	

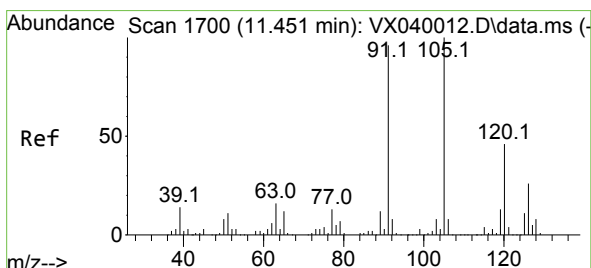
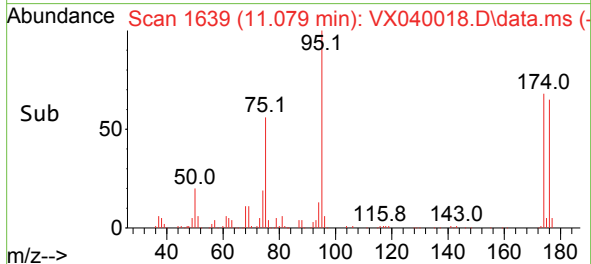
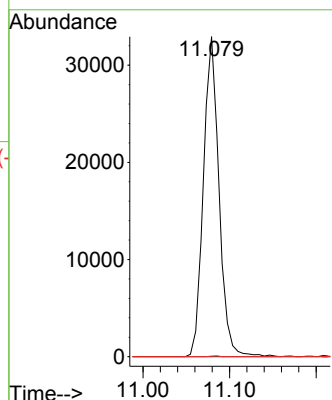
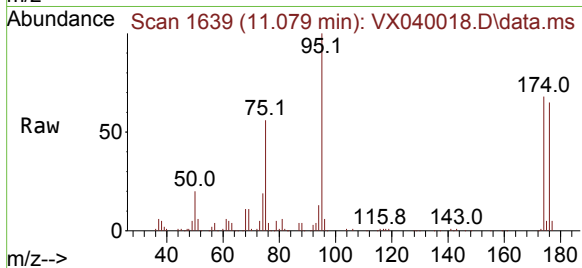




#81
trans-1,4-Dichloro-2-butene
Concen: 84.022 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

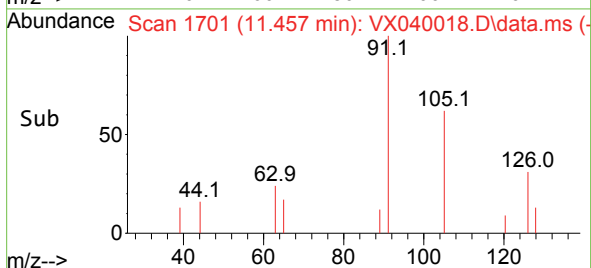
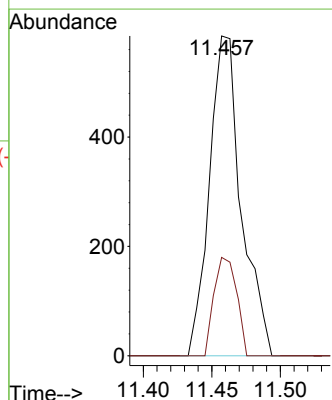
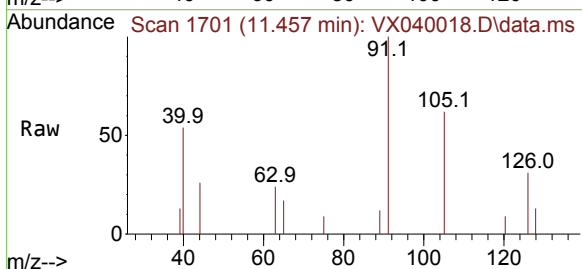
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

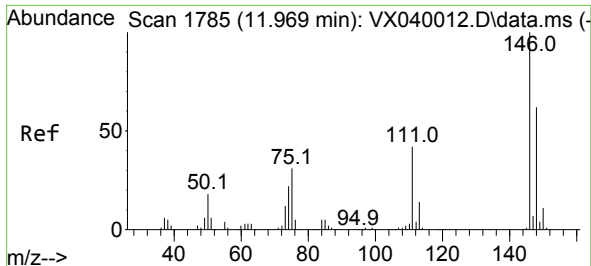
Tgt Ion: 75 Resp: 41190
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.234 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion: 91 Resp: 947
Ion Ratio Lower Upper
91 100
126 21.8 14.2 42.6

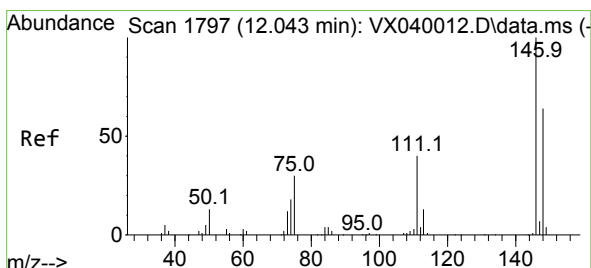
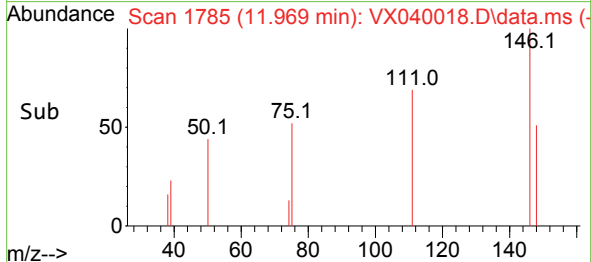
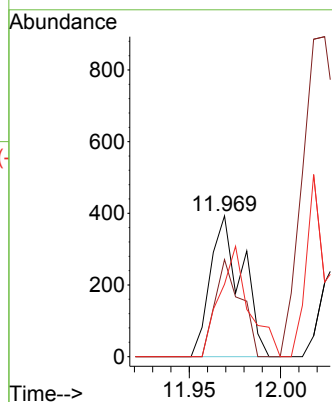
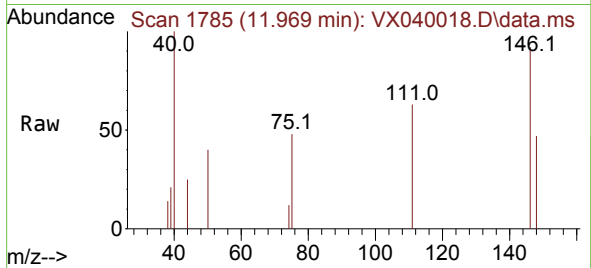




#87
1,3-Dichlorobenzene
Concen: 0.215 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

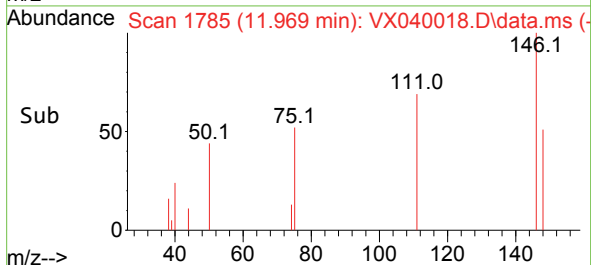
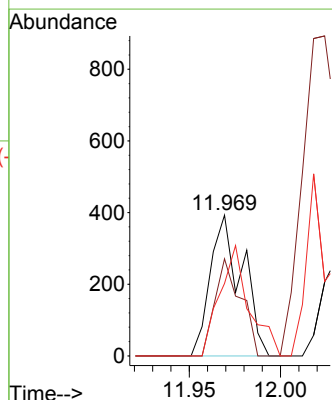
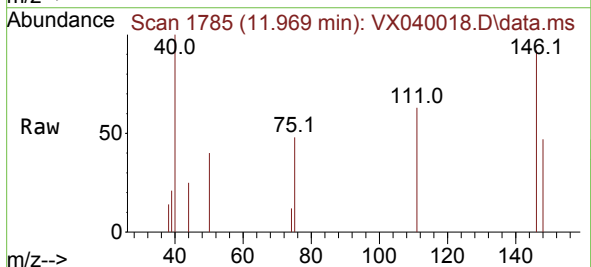
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

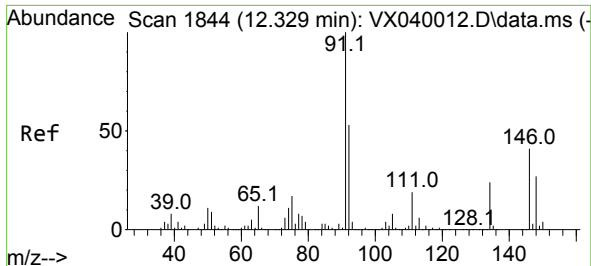
Tgt Ion:146	Resp:	476
Ion	Ratio	Lower Upper
146	100	
111	55.9	22.1 66.1
148	72.5	31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.210 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion:146	Resp:	476
Ion	Ratio	Lower Upper
146	100	
111	55.9	21.3 63.7
148	72.5	31.8 95.4

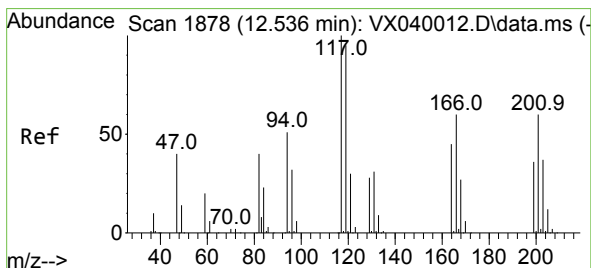
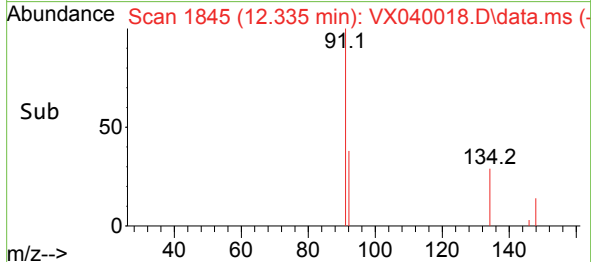
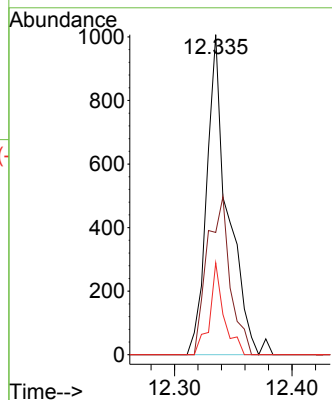
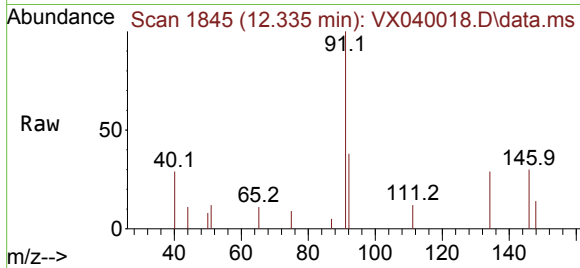




#89
n-Butylbenzene
Concen: 0.307 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

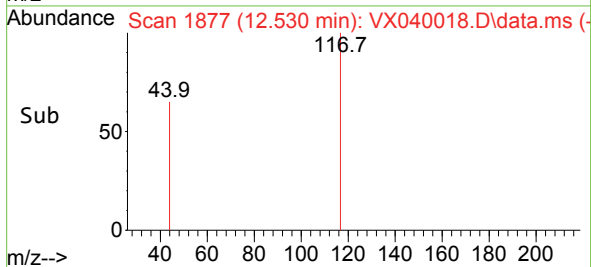
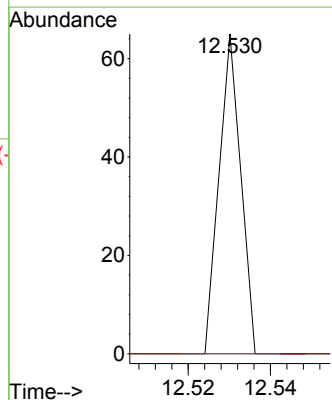
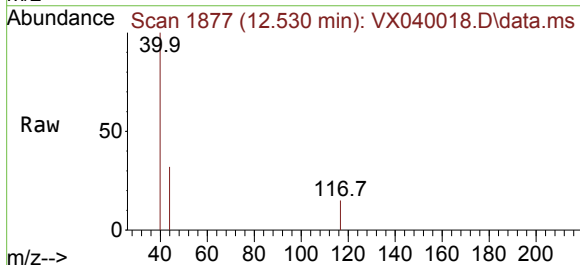
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

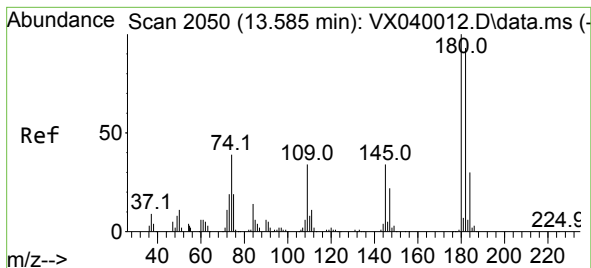
Tgt Ion: 91	Resp:	1261
Ion	Ratio	Lower Upper
91	100	
92	53.4	27.4 82.0
134	19.0	12.6 37.8



#90
Hexachloroethane
Concen: Below Cal
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion: 117	Resp:	24
Ion	Ratio	Lower Upper
117	100	
201	0.0	32.9 98.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.436 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040018.D

Acq: 30 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBL01

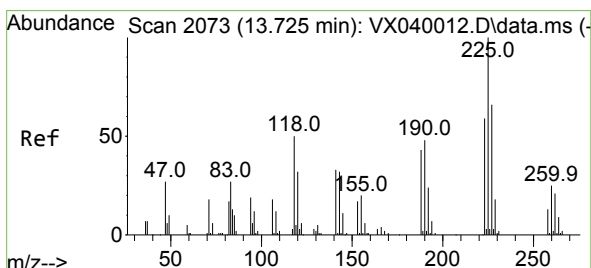
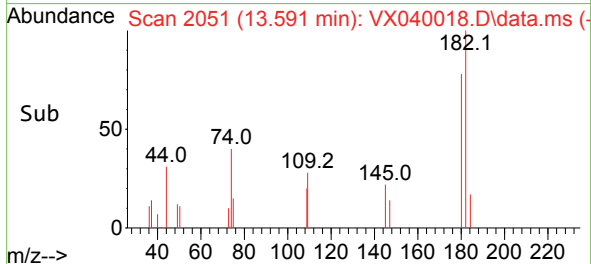
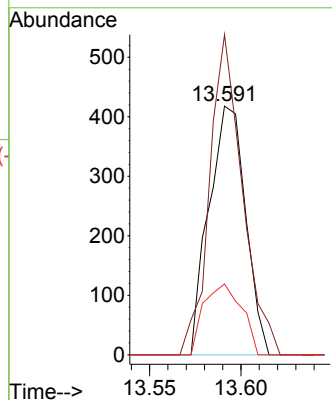
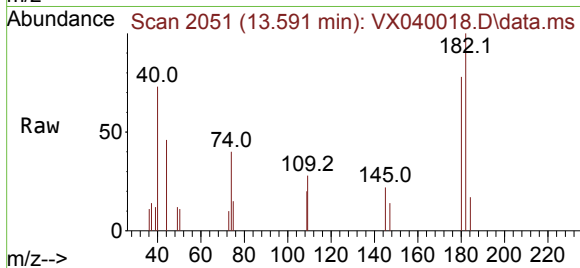
Tgt Ion:180 Resp: 583

Ion Ratio Lower Upper

180 100

182 114.9 48.3 144.8

145 29.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.304 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040018.D

Acq: 30 Jan 2024 14:51

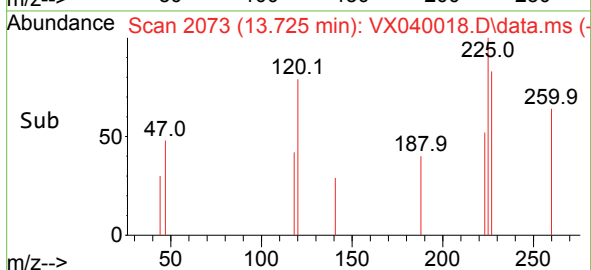
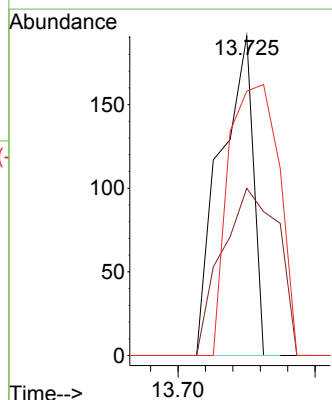
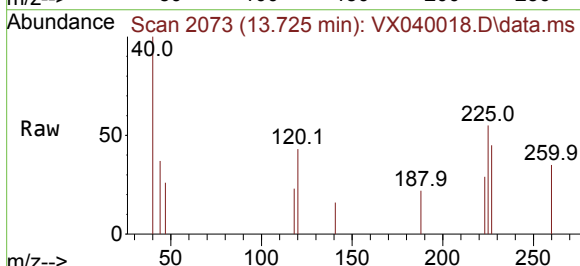
Tgt Ion:225 Resp: 160

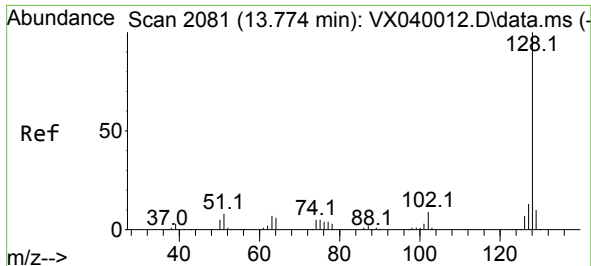
Ion Ratio Lower Upper

225 100

223 88.8 31.1 93.2

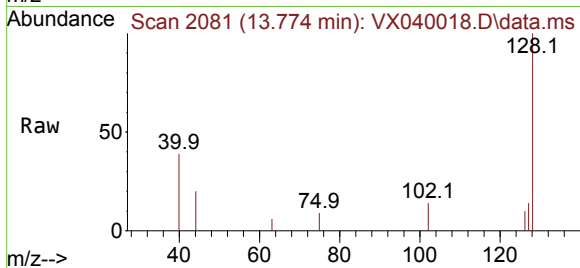
227 129.4 32.5 97.5#



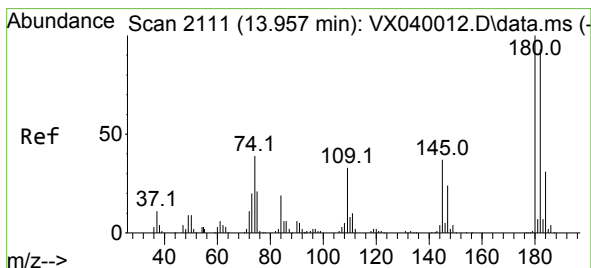
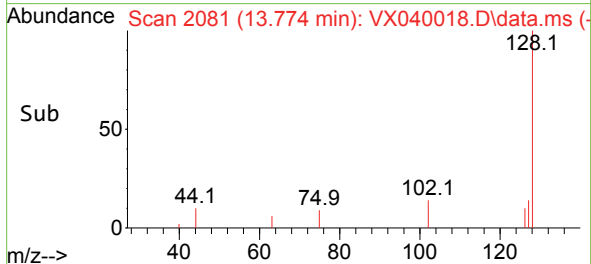
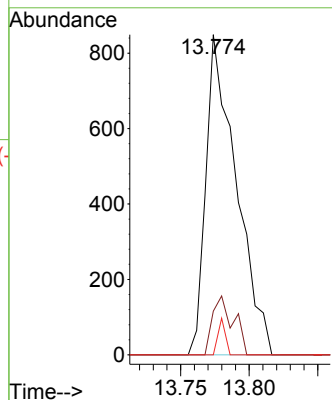


#95
Naphthalene
Concen: 0.288 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01



Tgt Ion:128 Resp: 1306
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 2.7 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.298 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040018.D
Acq: 30 Jan 2024 14:51

Tgt Ion:180 Resp: 393
Ion Ratio Lower Upper
180 100
182 97.7 46.9 140.6
145 29.8 17.8 53.5

