

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040075.D
 Acq On : 02 Feb 2024 10:37
 Operator : JC/MD
 Sample : VX0202MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202MBL01

Quant Time: Feb 03 02:10:42 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)

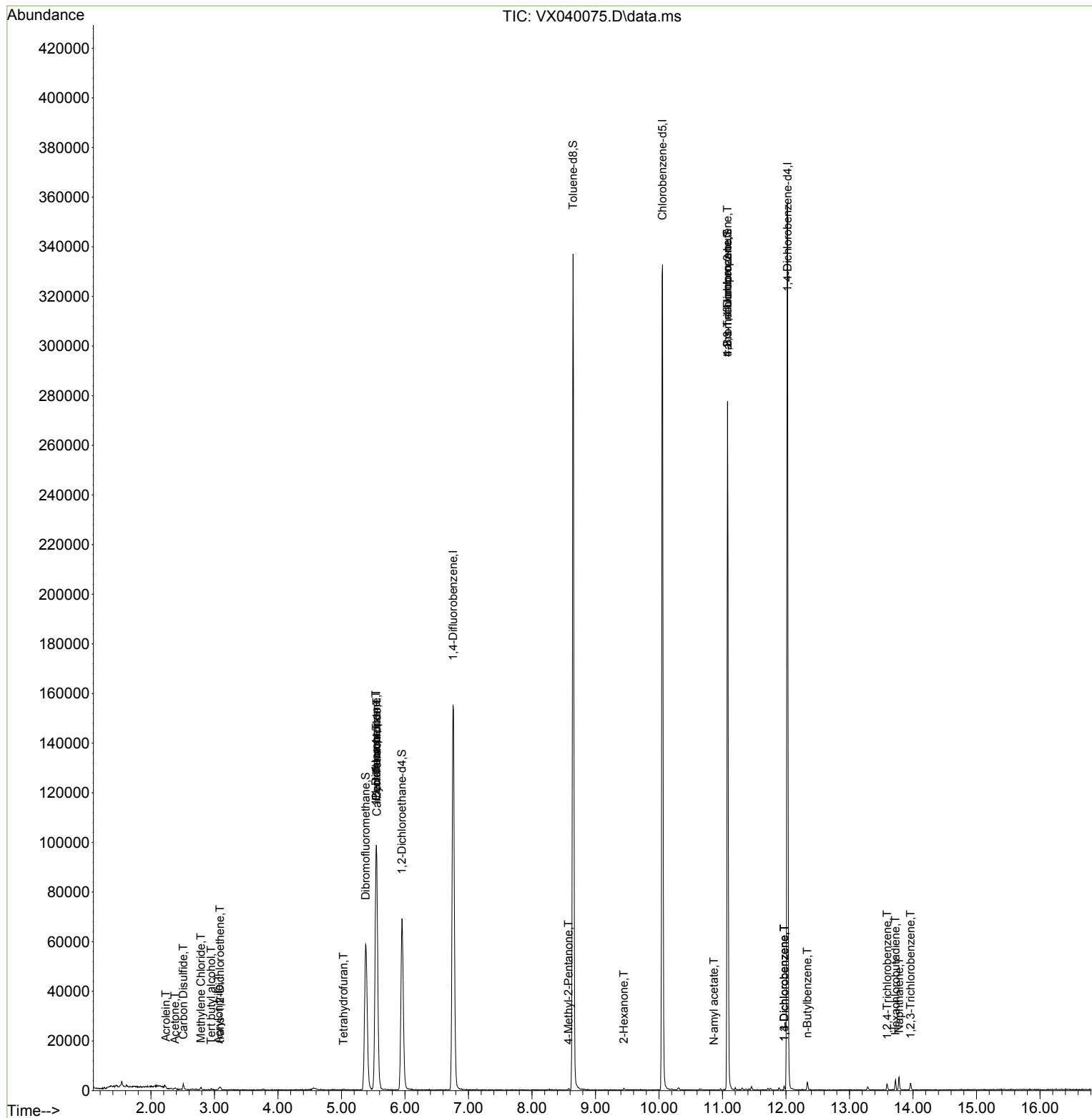
Internal Standards						
1) Pentafluorobenzene	5.550	168	88300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64835	45.624	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.240%		
35) Dibromofluoromethane	5.379	113	51343	47.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	8.647	98	190310	47.355	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.700%		
62) 4-Bromofluorobenzene	11.079	95	71215	46.021	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.040%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	139	0.539	ug/l #	78
13) Acrolein	2.233	56	134	0.542	ug/l #	1
15) Acrylonitrile	3.069	53	537	0.831	ug/l	95
16) Acetone	2.380	43	711	1.068	ug/l	94
17) Carbon Disulfide	2.508	76	2177	0.750	ug/l #	84
20) Methylene Chloride	2.788	84	370	0.313	ug/l #	76
21) trans-1,2-Dichloroethene	3.087	96	279	0.255	ug/l	85
29) Tetrahydrofuran	5.032	42	229	0.389	ug/l #	34
31) Cyclohexane	5.550	56	2557	1.436	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	8210	5.282	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10214	6.868	ug/l #	15
51) 4-Methyl-2-Pentanone	8.574	43	464	0.254	ug/l #	83
59) 2-Hexanone	9.446	43	550	0.378	ug/l	91
74) N-amyl acetate	10.866	43	83	0.235	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	39365	26.361	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39365	77.270	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	603	0.257	ug/l	88
88) 1,4-Dichlorobenzene	11.969	146	603	0.251	ug/l	89
89) n-Butylbenzene	12.335	91	1383	0.318	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	797	0.564	ug/l	95
94) Hexachlorobutadiene	13.725	225	636	1.143	ug/l	91
95) Naphthalene	13.780	128	3419	0.713	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	880	0.630	ug/l	94

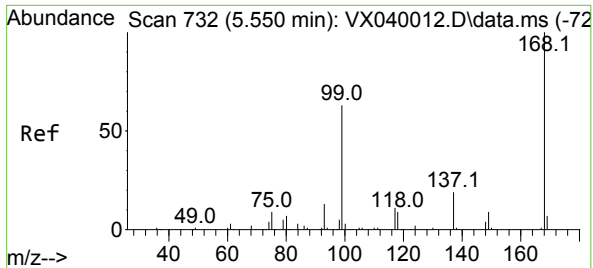
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

Quant Time: Feb 03 02:10:42 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

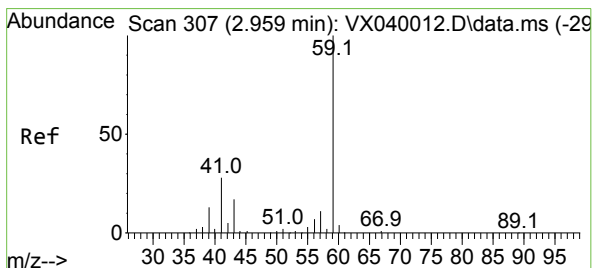
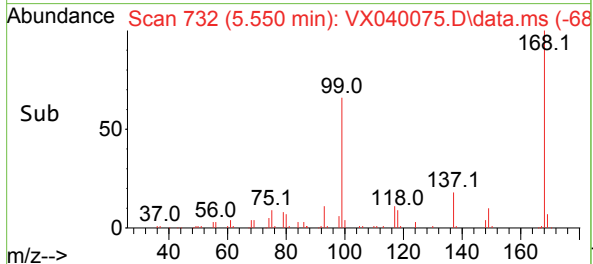
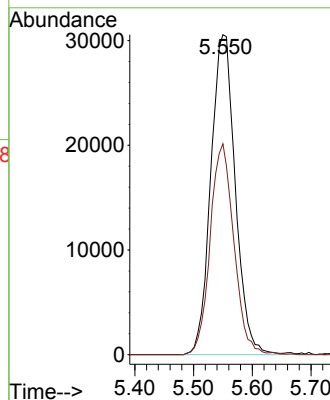
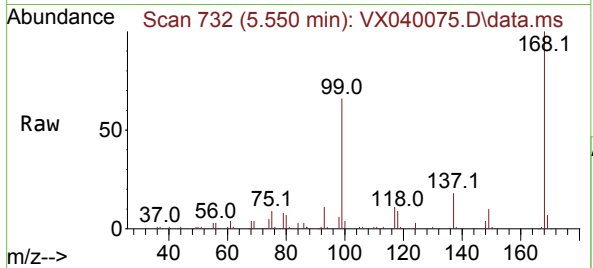




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

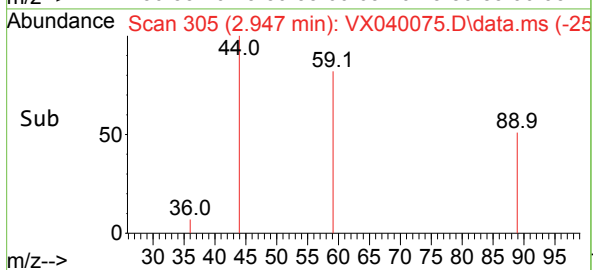
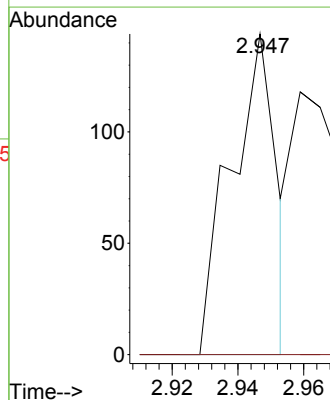
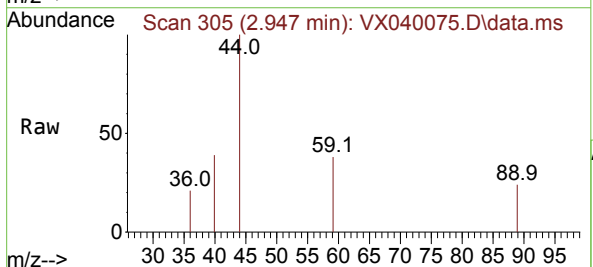
Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

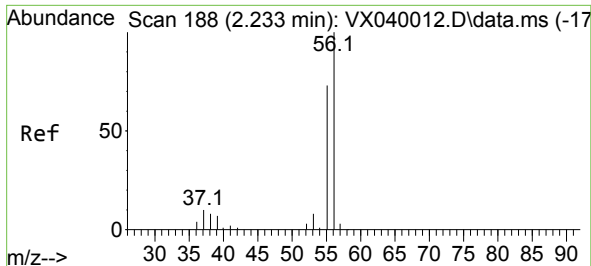
Tgt Ion:168 Resp: 88300
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.539 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

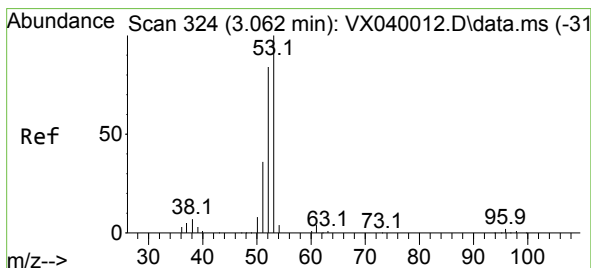
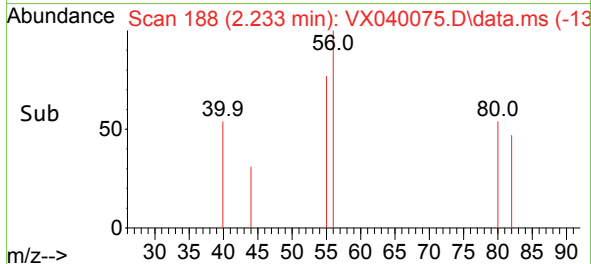
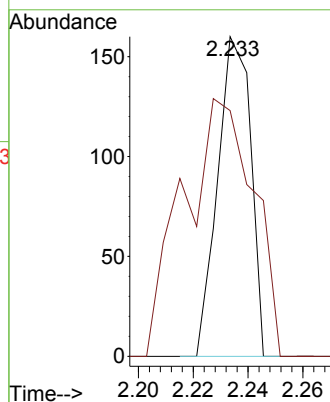
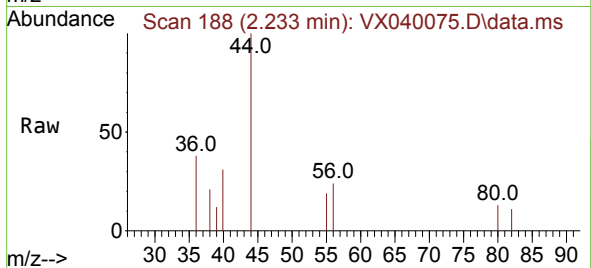




#13
Acrolein
Concen: 0.542 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

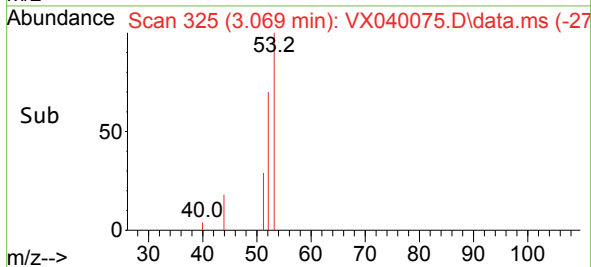
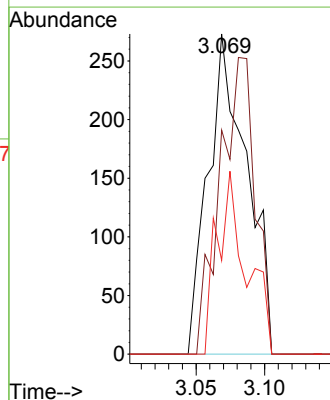
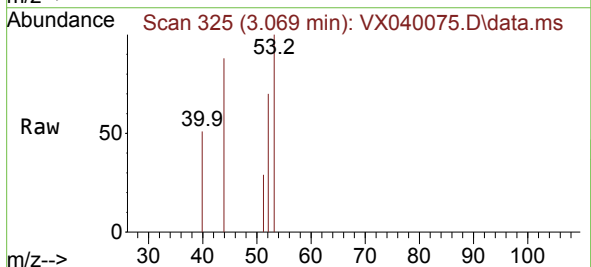
Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

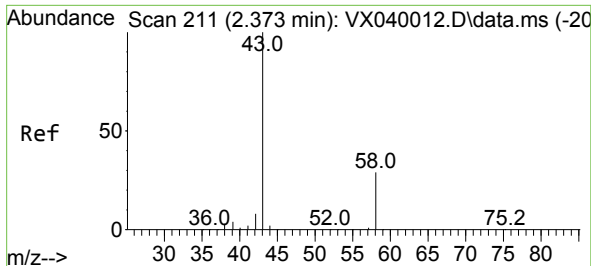
Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 170.9 57.1 85.7#



#15
Acrylonitrile
Concen: 0.831 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion: 53 Resp: 537
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 43.4 29.8 44.6

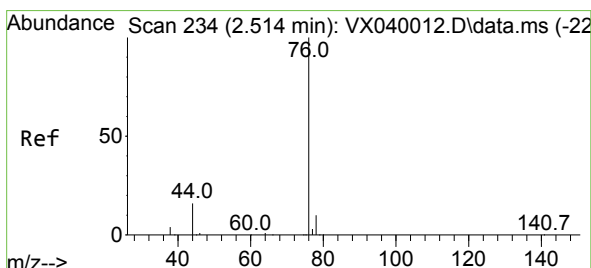
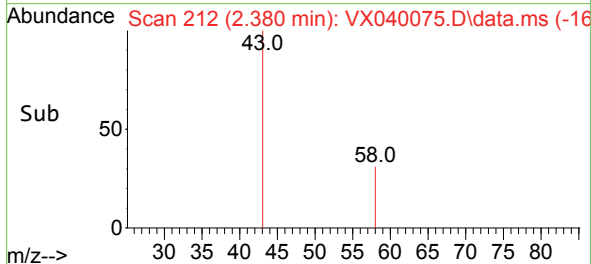
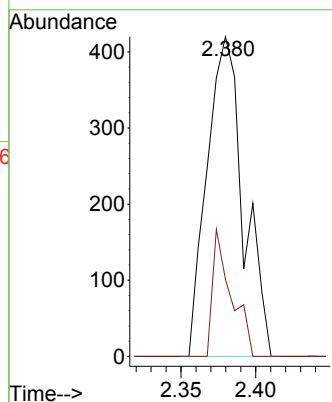
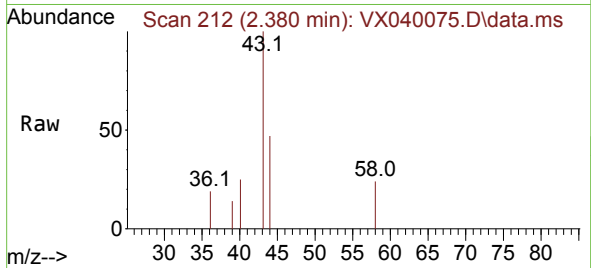




#16
Acetone
Concen: 1.068 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

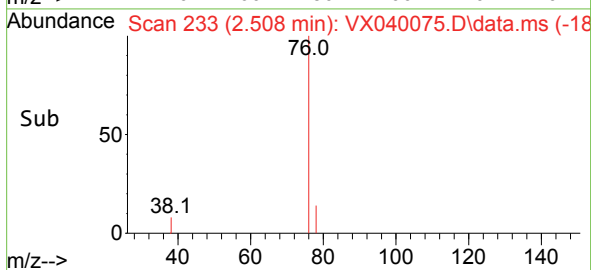
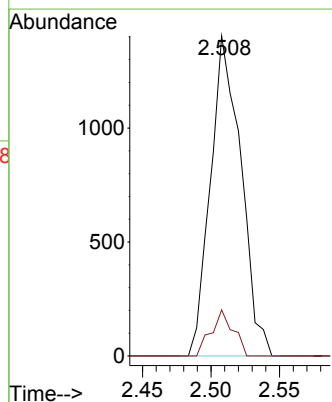
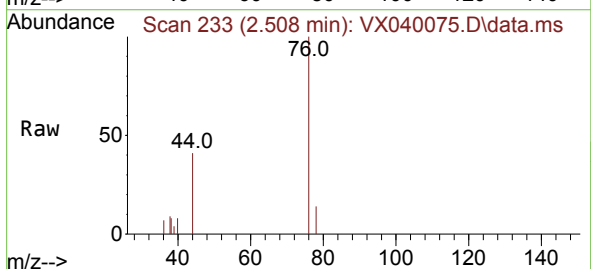
Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

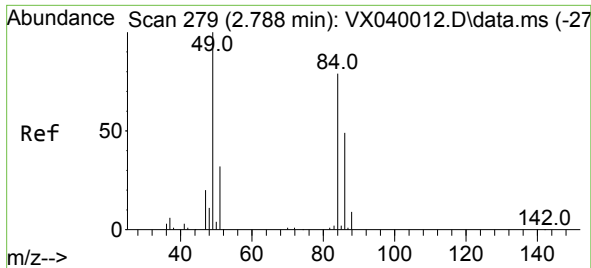
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 24.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.750 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion: 76 Resp: 2177
Ion Ratio Lower Upper
76 100
78 14.4 7.0 10.6#

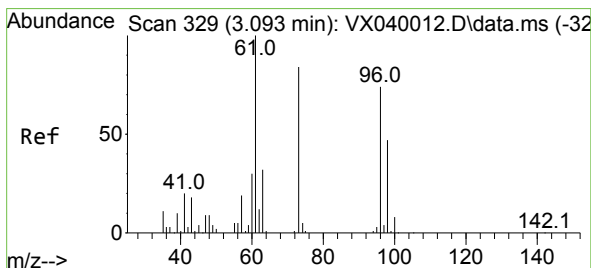
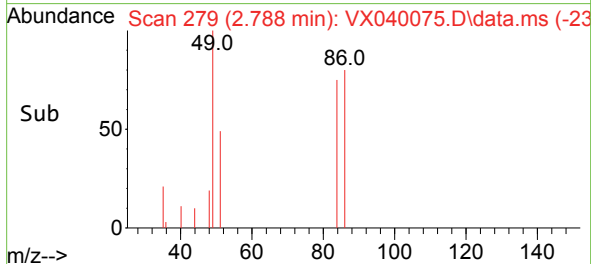
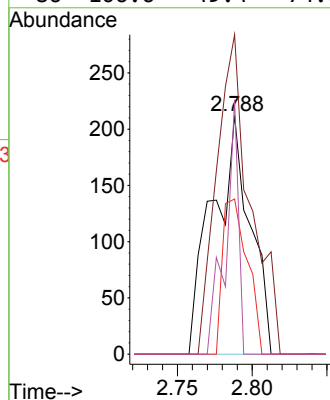
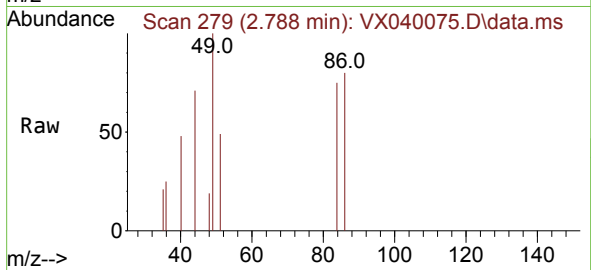




#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

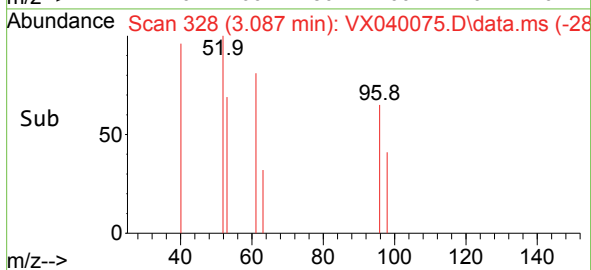
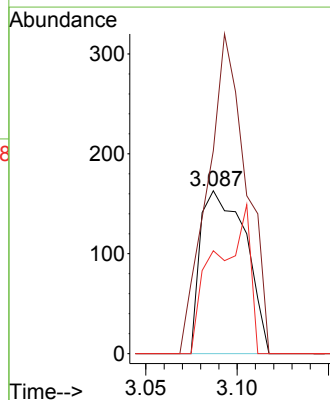
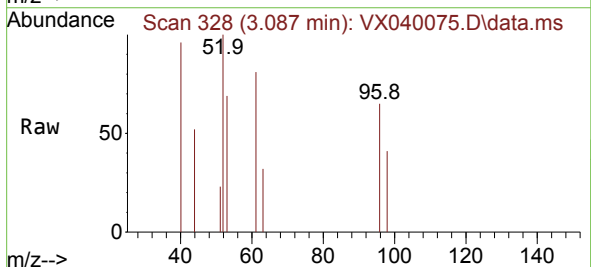
Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

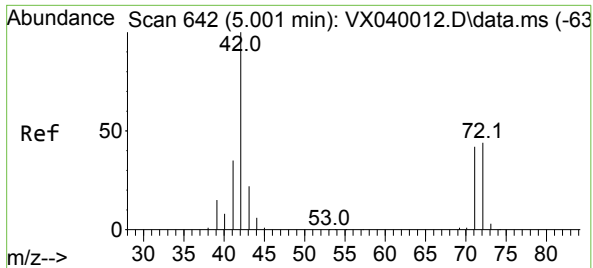
Tgt Ion:	84	Resp:	370
Ion	Ratio	Lower	Upper
84	100		
49	134.0	103.6	155.4
51	65.1	33.8	50.6#
86	106.6	49.4	74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.255 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion:	96	Resp:	279
Ion	Ratio	Lower	Upper
96	100		
61	124.5	119.2	178.8
98	63.2	48.7	73.1





#29

Tetrahydrofuran

Concen: 0.389 ug/l

RT: 5.032 min Scan# 642

Delta R.T. 0.031 min

Lab File: VX040075.D

Acq: 02 Feb 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0202MBL01

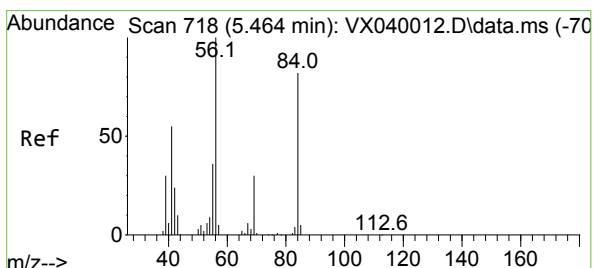
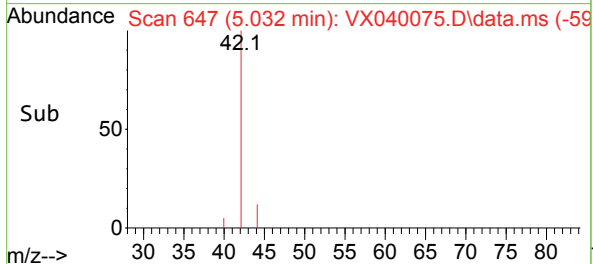
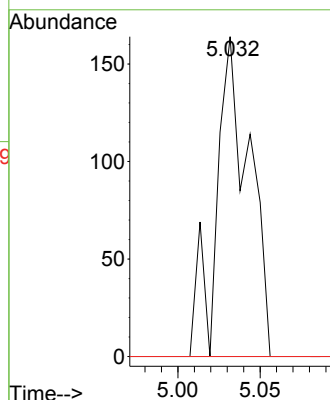
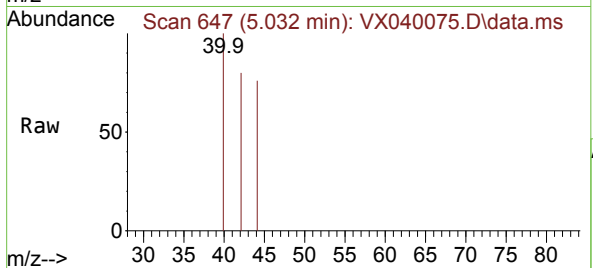
Tgt Ion: 42 Resp: 229

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.436 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX040075.D

Acq: 02 Feb 2024 10:37

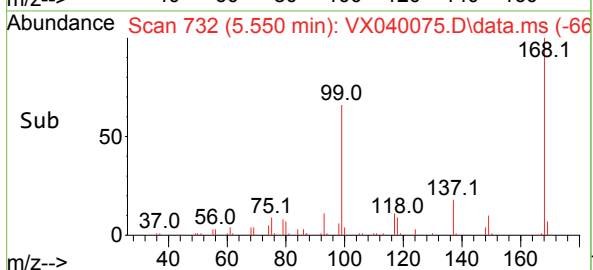
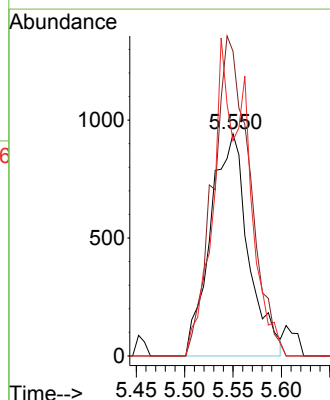
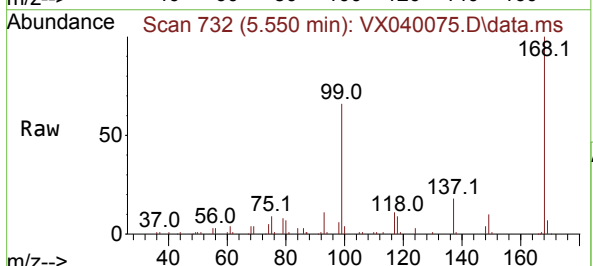
Tgt Ion: 56 Resp: 2557

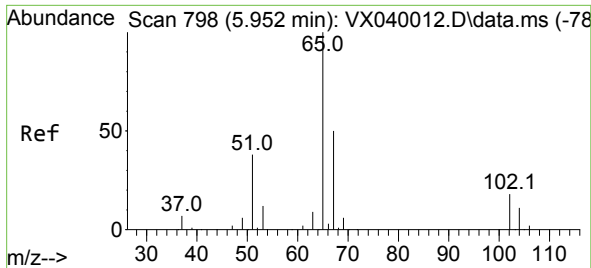
Ion Ratio Lower Upper

56 100

69 137.2 23.4 35.2#

84 96.9 65.9 98.9

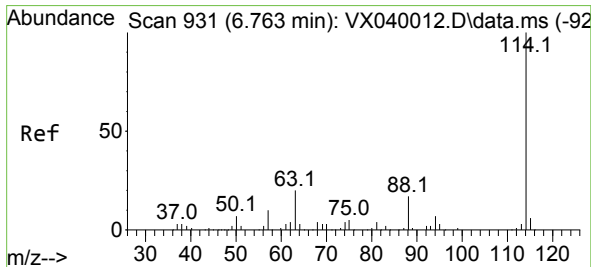
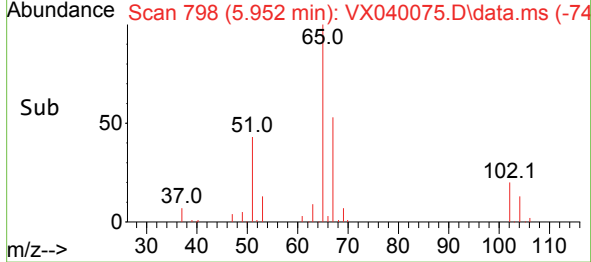
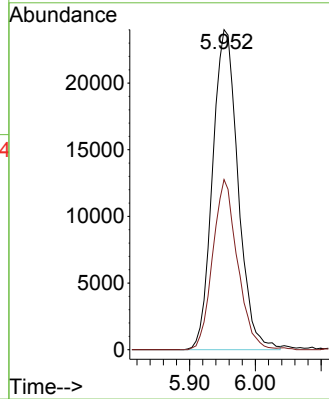
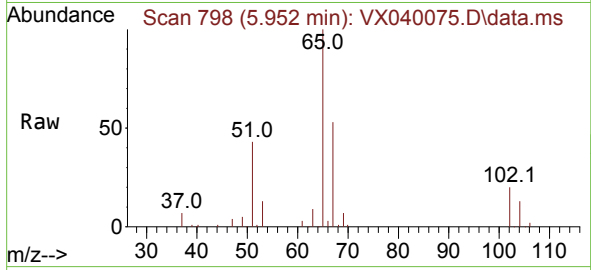




#33
1,2-Dichloroethane-d4
Concen: 45.624 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

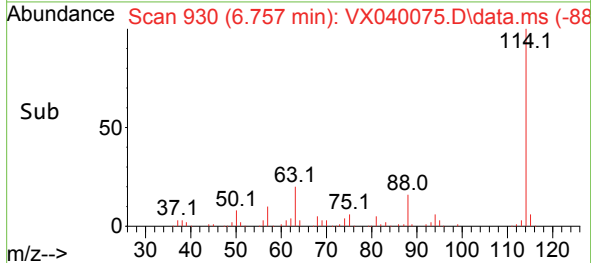
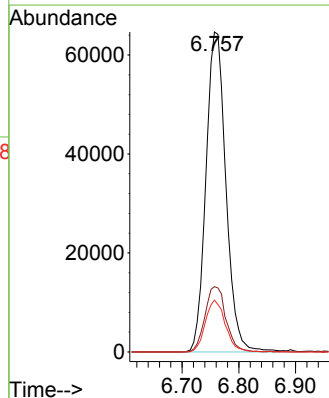
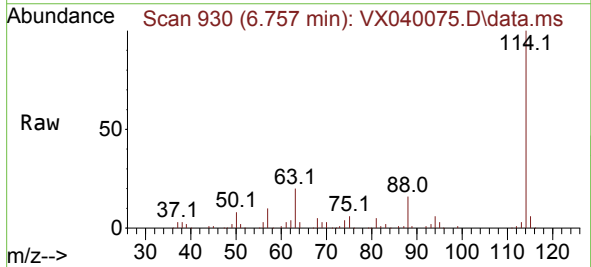
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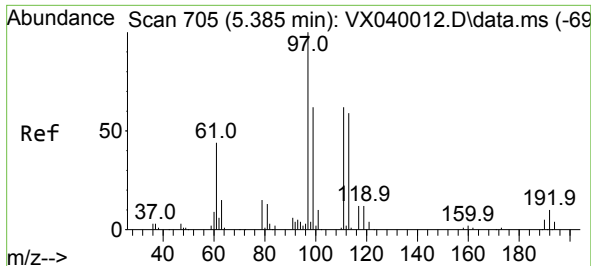
Tgt Ion: 65 Resp: 64835
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion: 114 Resp: 157864
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.2 0.0 36.6

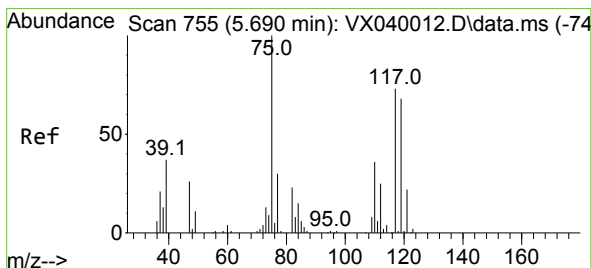
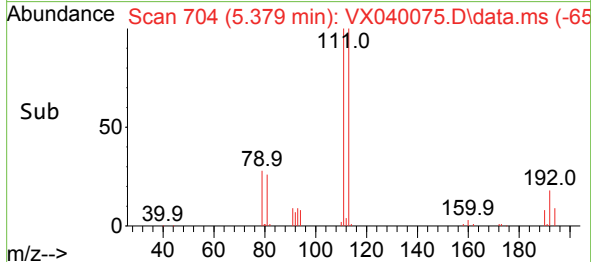
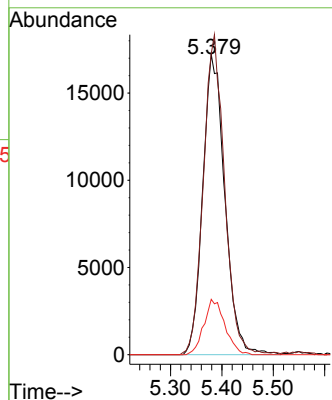
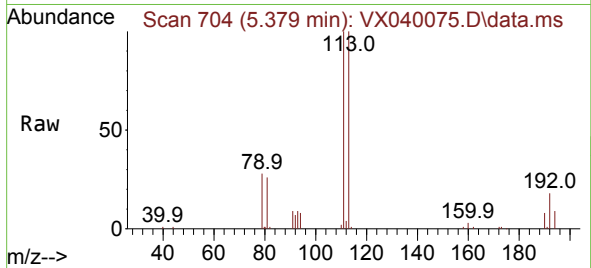




#35
Dibromofluoromethane
Concen: 47.777 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

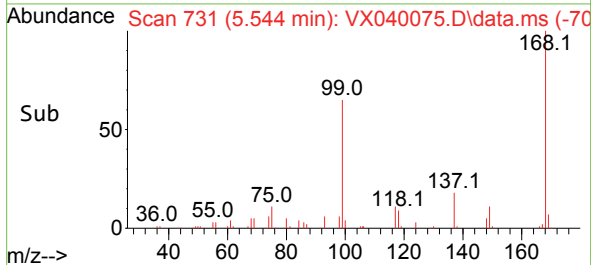
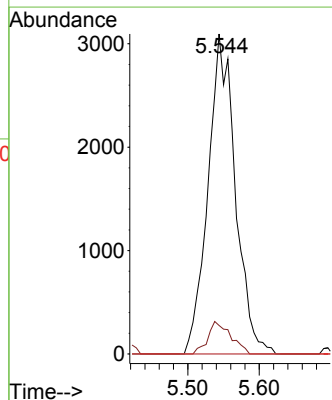
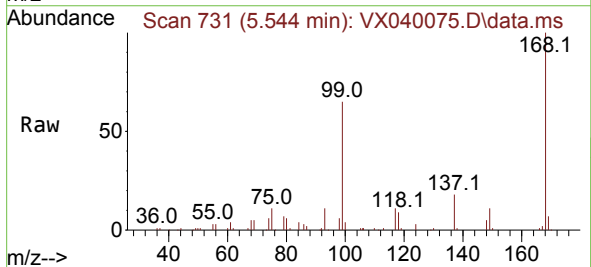
Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

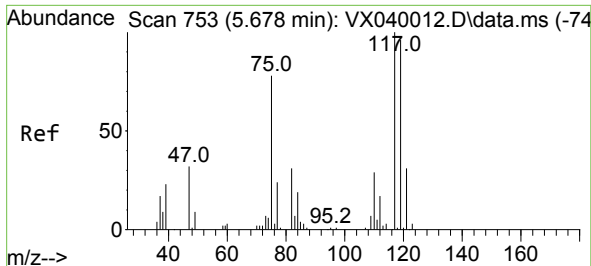
Tgt Ion:	113	Resp:	51343
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	17.6	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.282 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

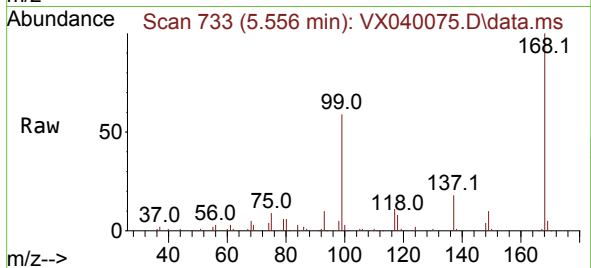
Tgt Ion:	75	Resp:	8210
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	50.9#
77	0.0	24.7	37.1#



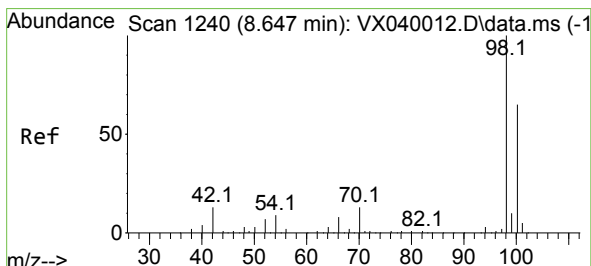
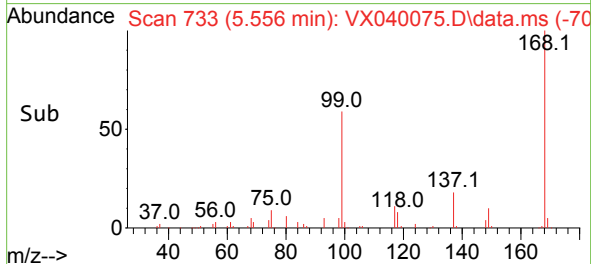
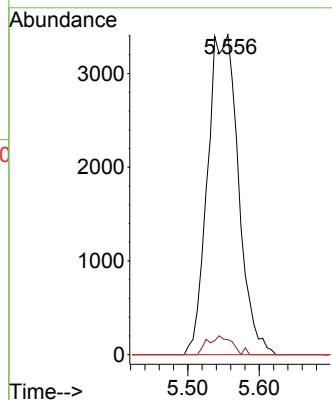


#38
Carbon Tetrachloride
Concen: 6.868 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

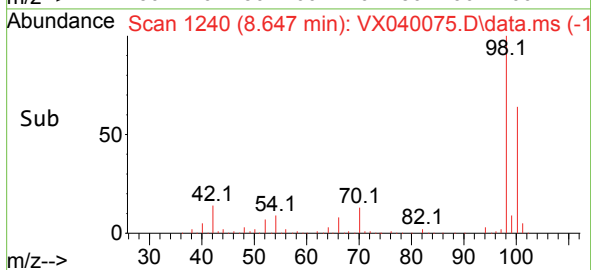
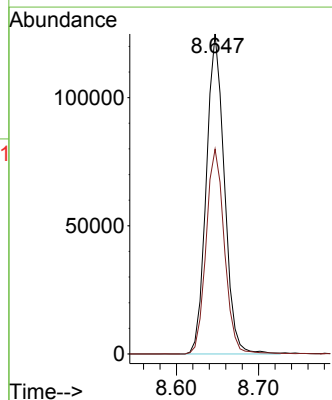
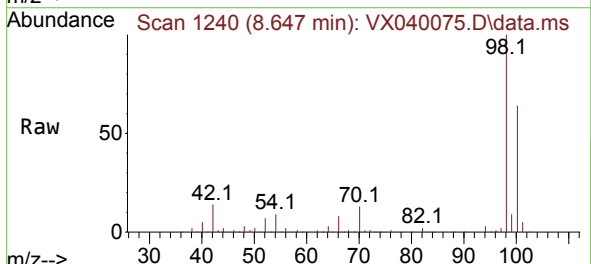


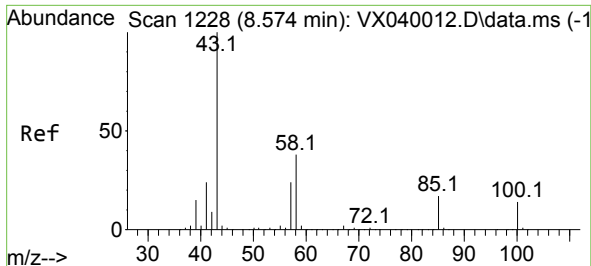
Tgt Ion:117 Resp: 10214
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.355 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion: 98 Resp: 190310
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.254 ug/l

RT: 8.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040075.D

Acq: 02 Feb 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

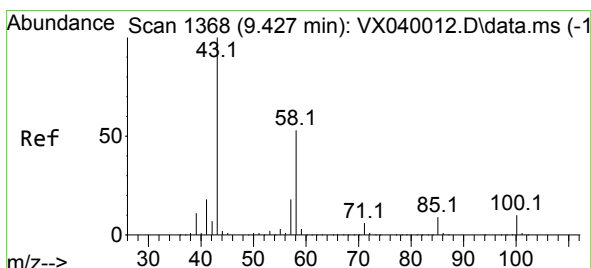
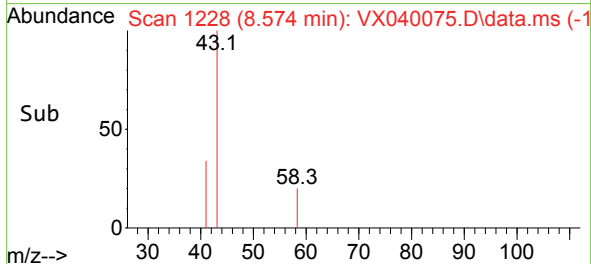
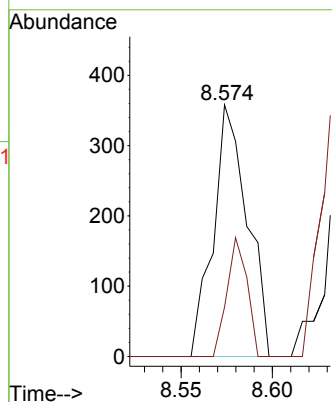
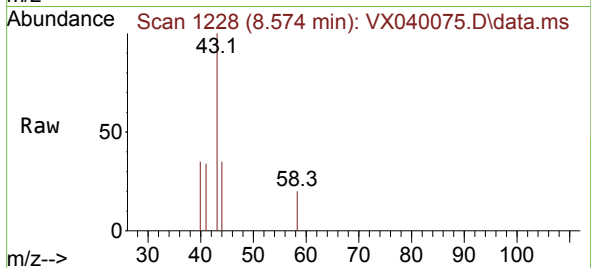
VX0202MBL01

Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

58 27.8 30.4 45.6#



#59

2-Hexanone

Concen: 0.378 ug/l

RT: 9.446 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX040075.D

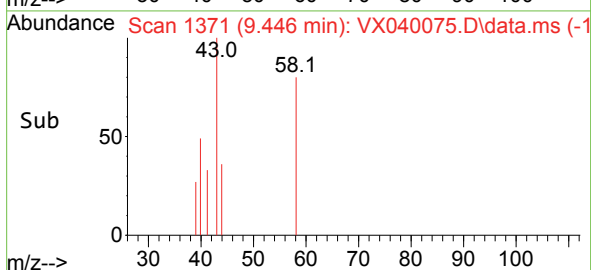
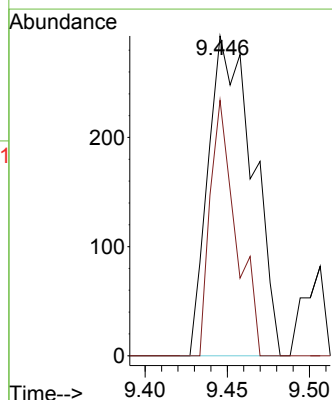
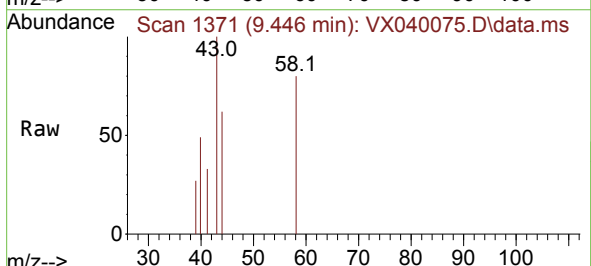
Acq: 02 Feb 2024 10:37

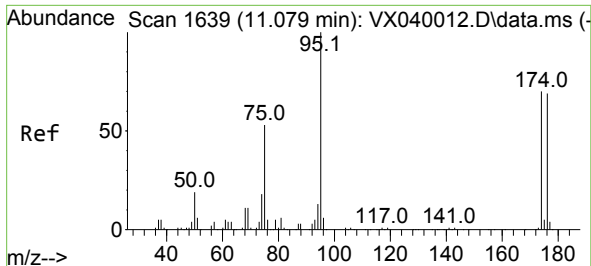
Tgt Ion: 43 Resp: 550

Ion Ratio Lower Upper

43 100

58 46.2 26.2 78.5

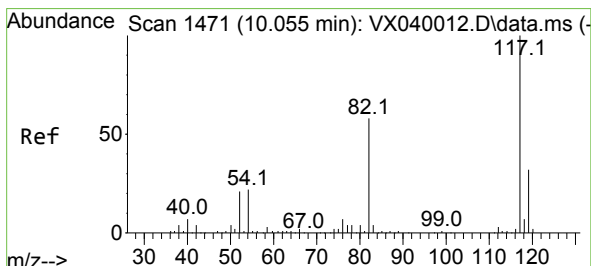
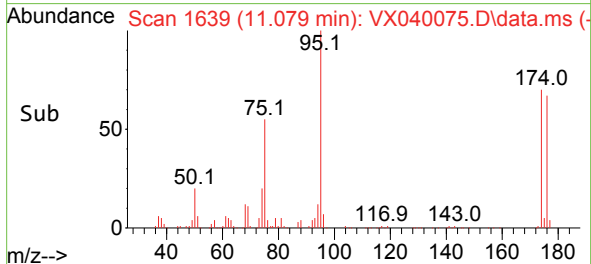
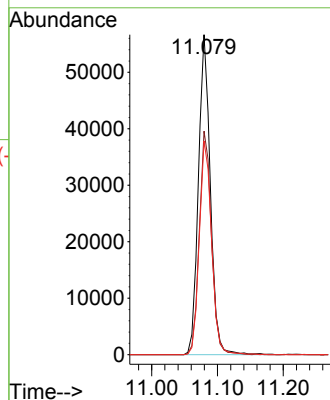
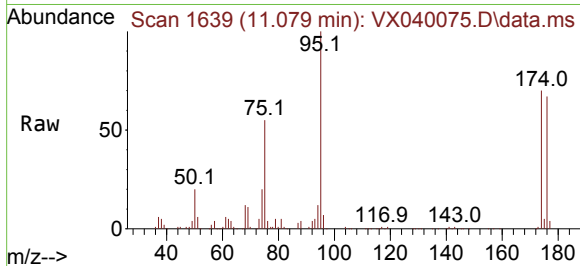




#62
4-Bromofluorobenzene
Concen: 46.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

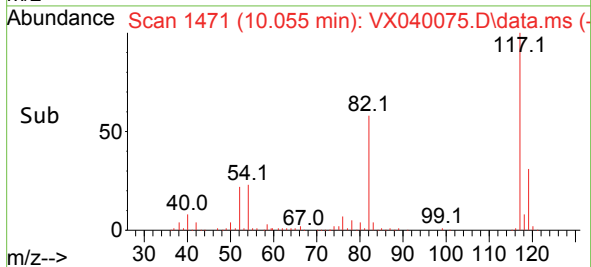
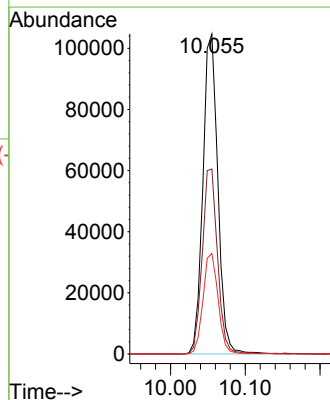
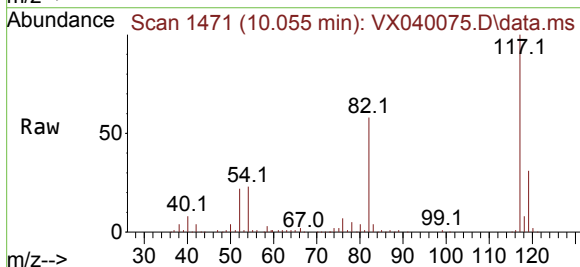
Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

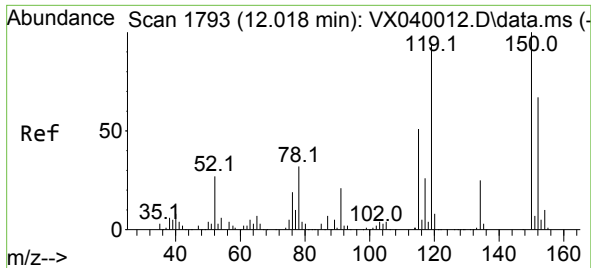
Tgt Ion: 95 Resp: 71215
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.6
176 68.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion: 117 Resp: 145744
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.4 25.5 38.3

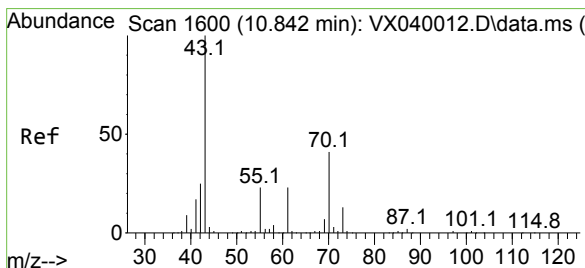
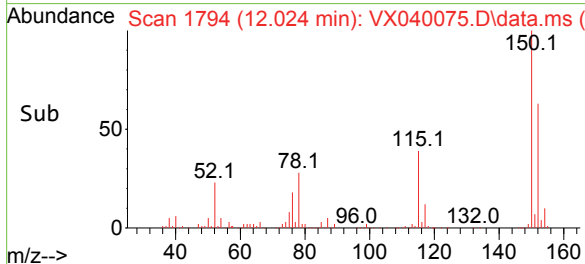
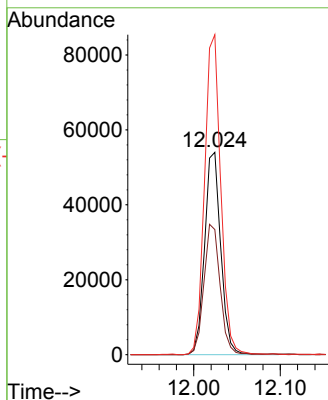
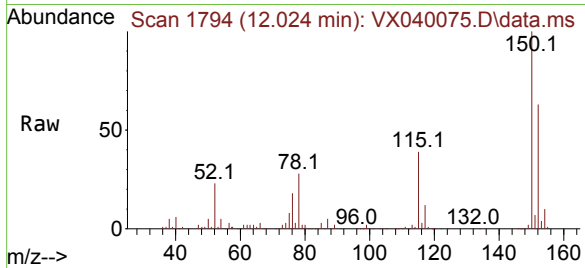




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040075.D
 Acq: 02 Feb 2024 10:37

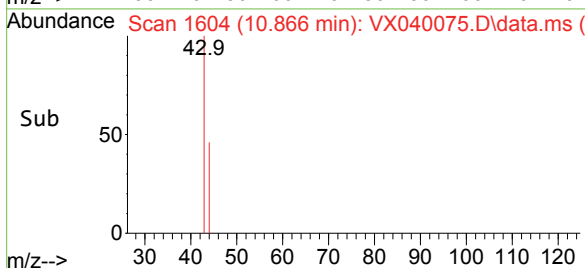
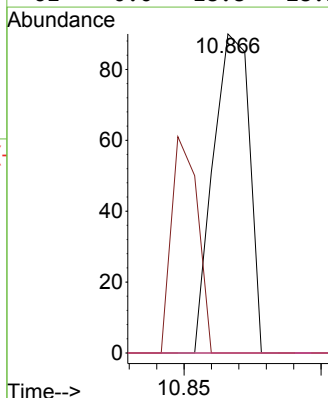
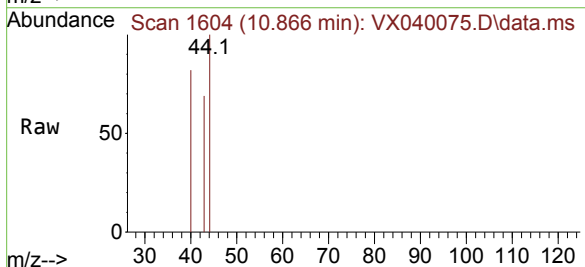
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202MBL01

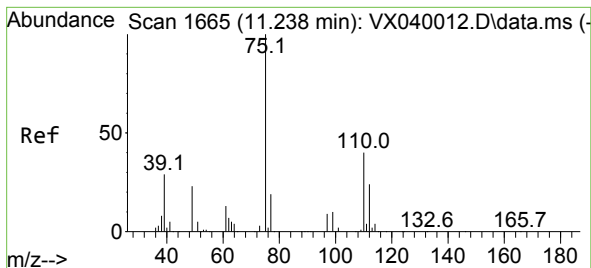
Tgt Ion:152 Resp: 70125
 Ion Ratio Lower Upper
 152 100
 115 64.5 43.3 129.9
 150 158.1 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.235 ug/l
 RT: 10.866 min Scan# 1604
 Delta R.T. 0.024 min
 Lab File: VX040075.D
 Acq: 02 Feb 2024 10:37

Tgt Ion: 43 Resp: 83
 Ion Ratio Lower Upper
 43 100
 70 49.4 32.9 49.3#
 55 0.0 19.3 28.9#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 26.361 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX040075.D

Acq: 02 Feb 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

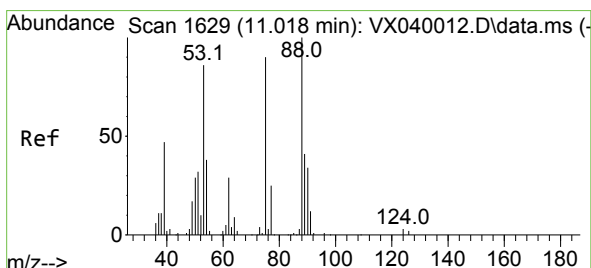
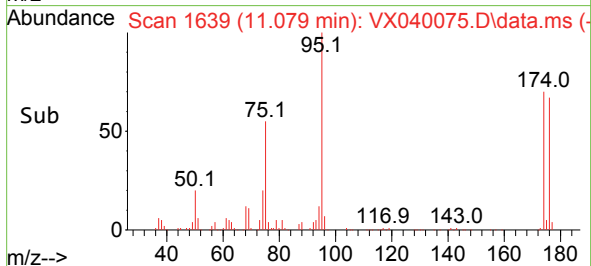
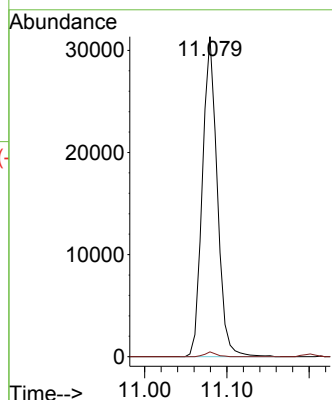
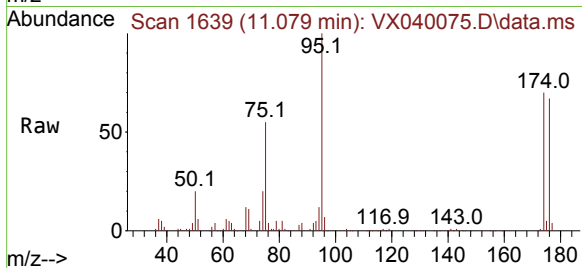
VX0202MBL01

Tgt Ion: 75 Resp: 39365

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.270 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040075.D

Acq: 02 Feb 2024 10:37

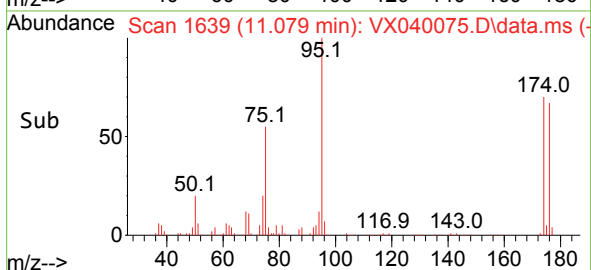
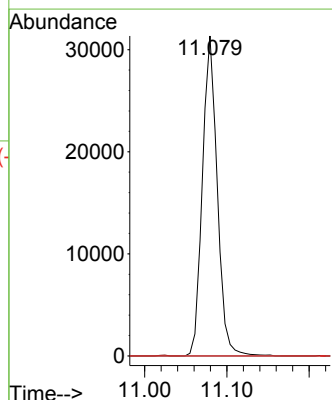
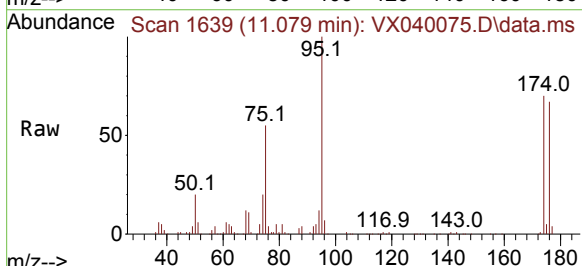
Tgt Ion: 75 Resp: 39365

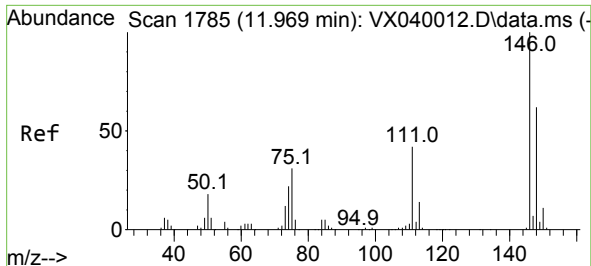
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.257 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040075.D

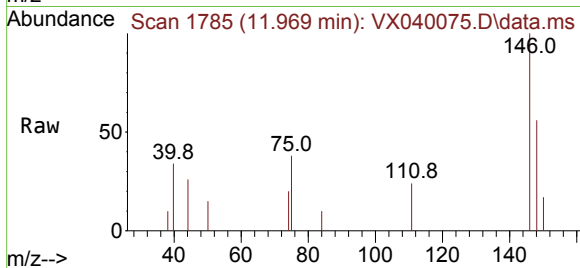
Acq: 02 Feb 2024 10:37

Instrument :

MSVOA_X

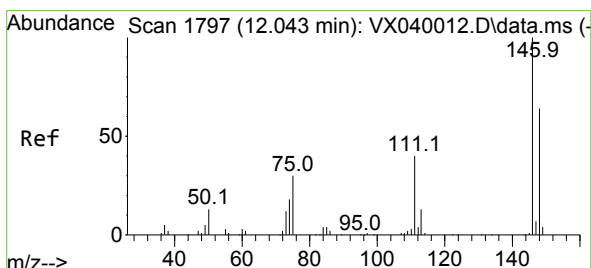
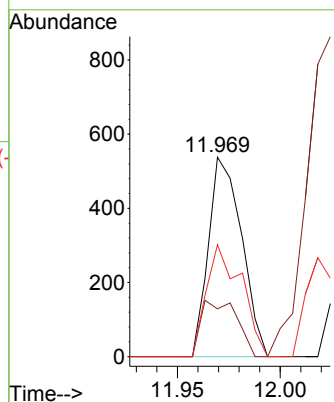
ClientSampleId :

VX0202MBL01



Tgt Ion:146 Resp: 603

Ion	Ratio	Lower	Upper
146	100		
111	30.3	22.1	66.1
148	59.0	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 0.251 ug/l

RT: 11.969 min Scan# 1785

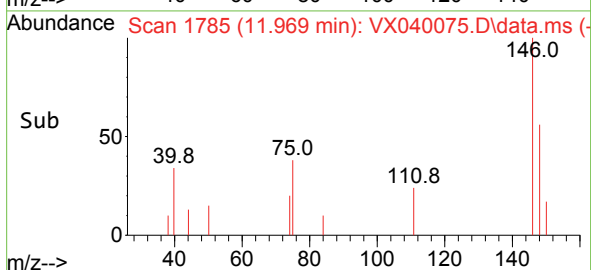
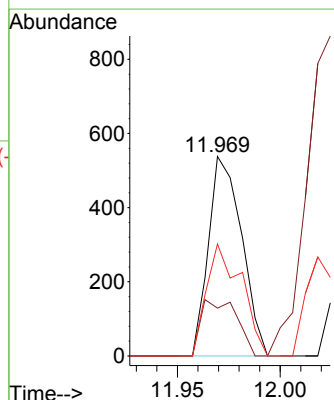
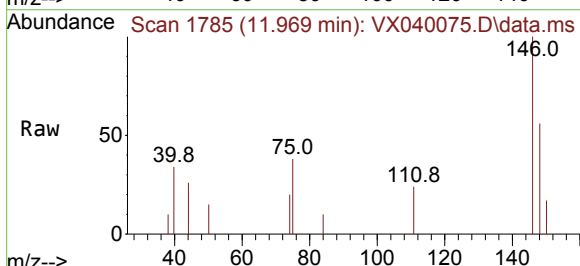
Delta R.T. -0.073 min

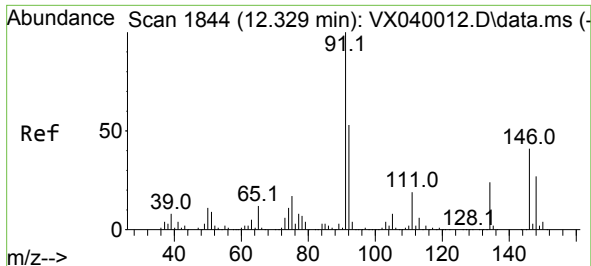
Lab File: VX040075.D

Acq: 02 Feb 2024 10:37

Tgt Ion:146 Resp: 603

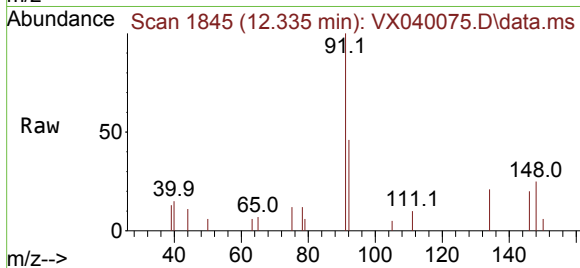
Ion	Ratio	Lower	Upper
146	100		
111	30.3	21.3	63.7
148	59.0	31.8	95.4



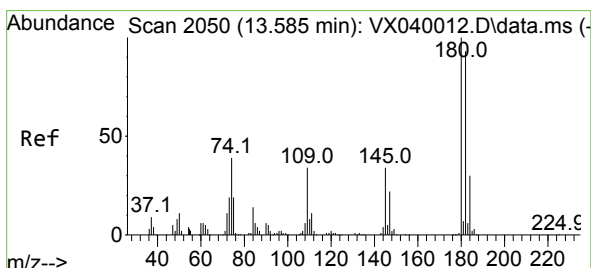
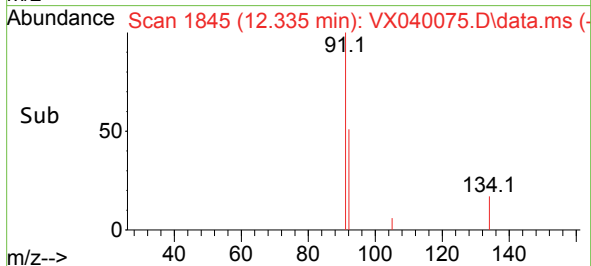
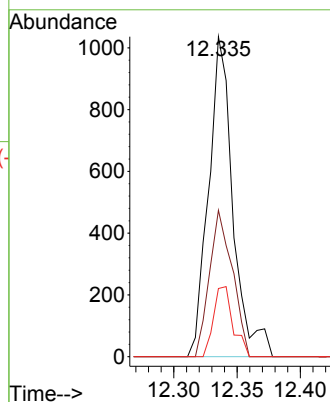


#89
n-Butylbenzene
Concen: 0.318 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

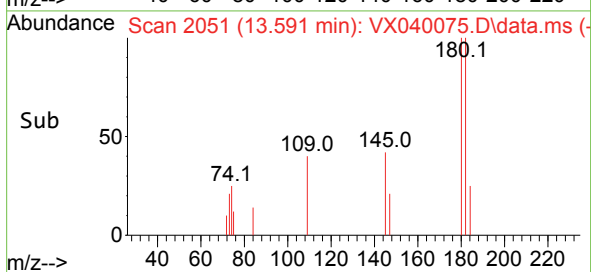
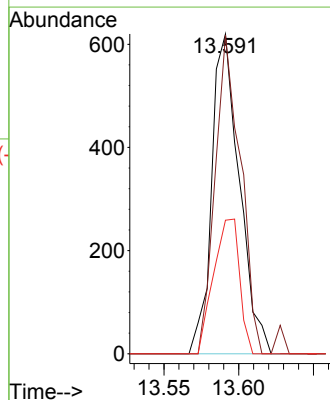
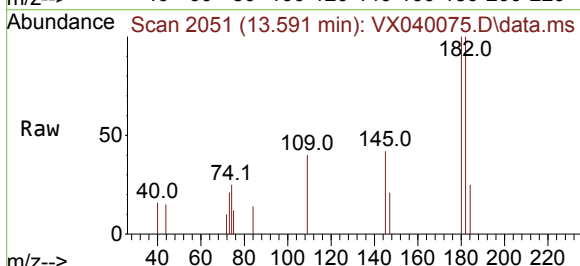


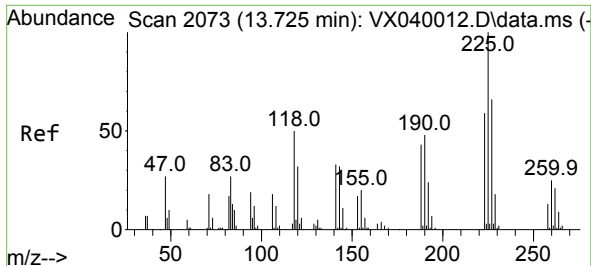
Tgt Ion: 91	Resp:	1383
Ion	Ratio	Lower Upper
91	100	
92	43.2	27.4 82.0
134	17.6	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.564 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion: 180	Resp:	797
Ion	Ratio	Lower Upper
180	100	
182	91.6	48.3 144.8
145	39.5	18.0 54.0

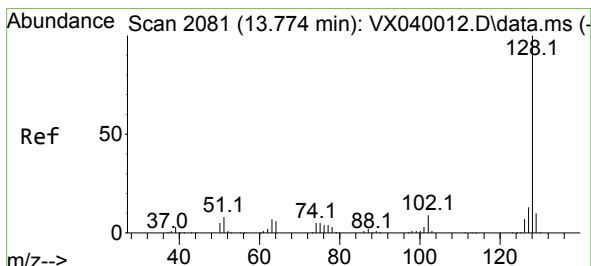
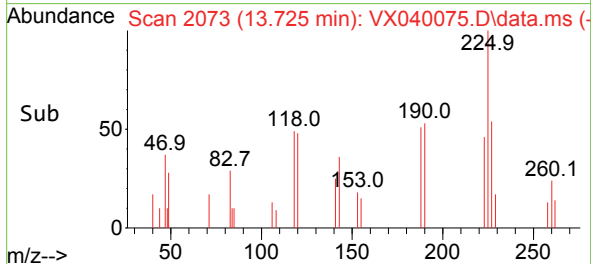
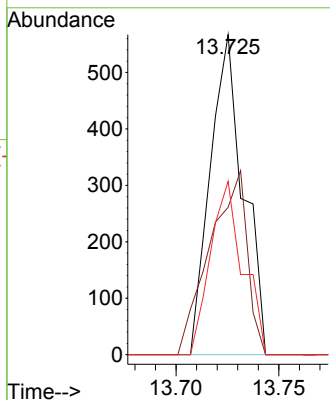
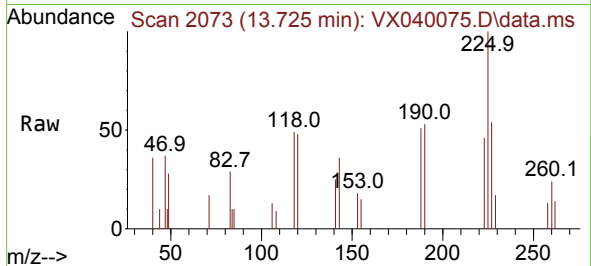




#94
Hexachlorobutadiene
Concen: 1.143 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

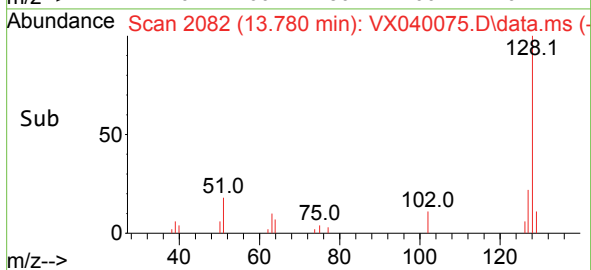
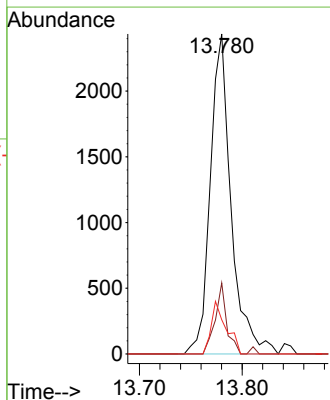
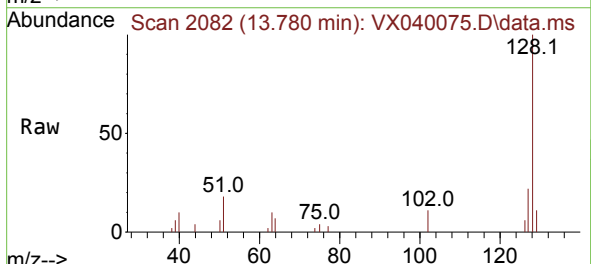
Instrument :
MSVOA_X
ClientSampleId :
VX0202MBL01

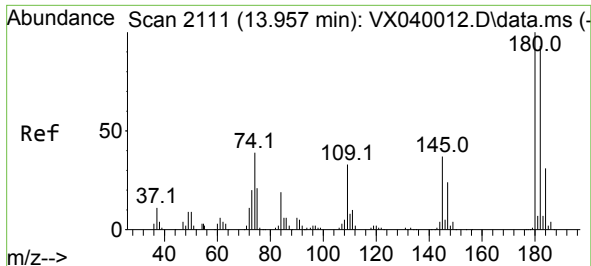
Tgt Ion:	225	Resp:	636
Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.1	93.2
227	53.3	32.5	97.5



#95
Naphthalene
Concen: 0.713 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040075.D
Acq: 02 Feb 2024 10:37

Tgt Ion:	128	Resp:	3419
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	11.9	8.8	13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.630 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040075.D

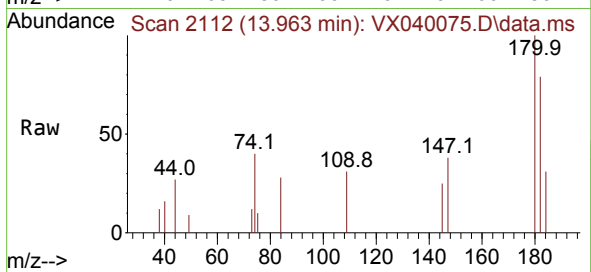
Acq: 02 Feb 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0202MBL01



Tgt Ion:180 Resp: 880

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 24.4 17.8 53.5

