

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040242.D
 Acq On : 15 Feb 2024 11:22
 Operator : JC/MD
 Sample : VX0215MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215MBL01

Quant Time: Feb 16 00:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

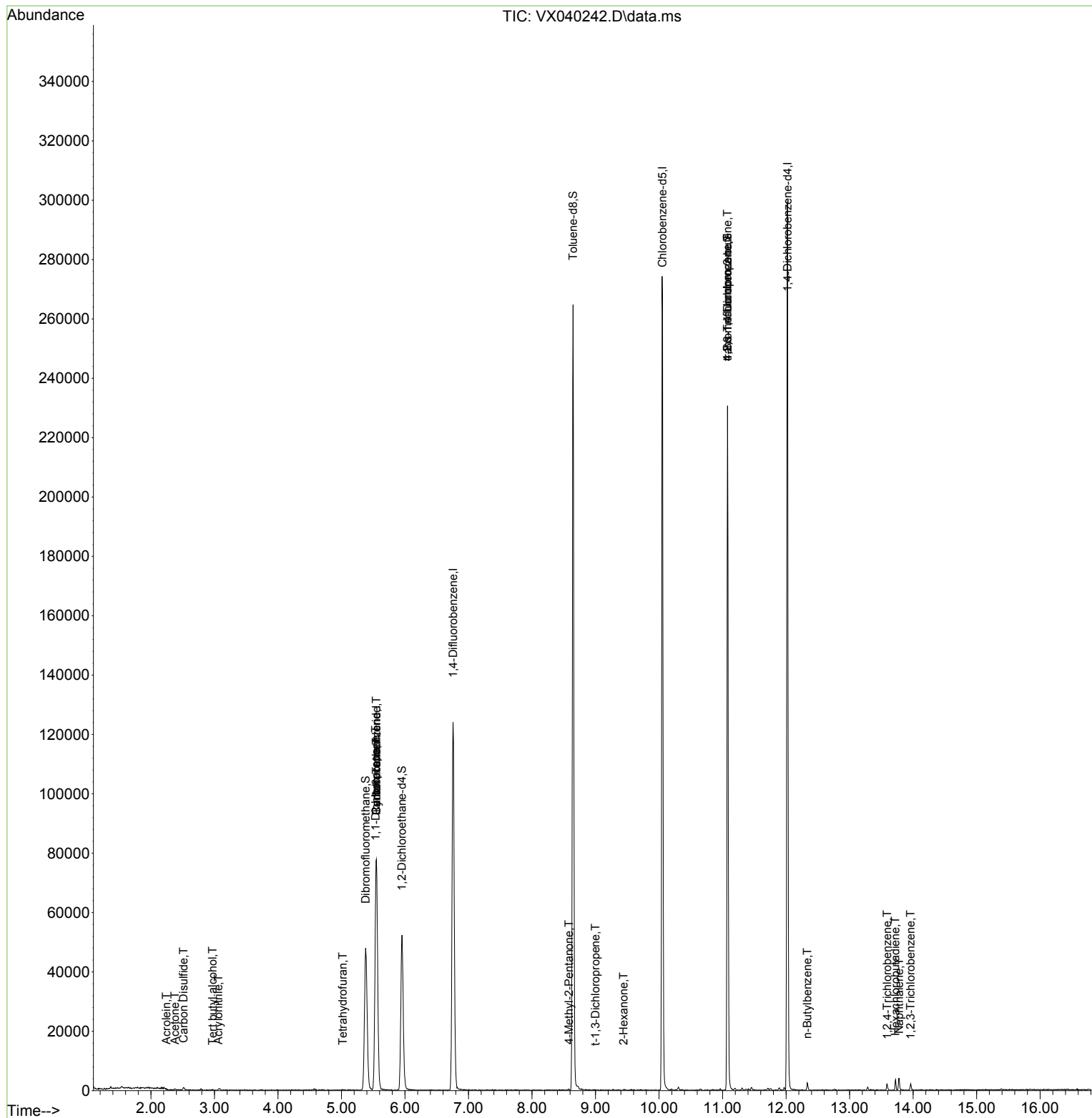
Internal Standards						
1) Pentafluorobenzene	5.550	168	75629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	128791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	50178	44.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.200%		
35) Dibromofluoromethane	5.379	113	42201	46.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.840%		
50) Toluene-d8	8.647	98	155850	46.323	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.640%		
62) 4-Bromofluorobenzene	11.079	95	60903	44.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.780%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	125	0.570	ug/l	# 78
13) Acrolein	2.239	56	57	0.282	ug/l	# 70
15) Acrylonitrile	3.062	53	138	0.281	ug/l	# 17
16) Acetone	2.380	43	364	0.788	ug/l	# 47
17) Carbon Disulfide	2.514	76	1065	0.522	ug/l	# 76
20) Methylene Chloride	2.788	84	108	Below Cal		# 30
29) Tetrahydrofuran	5.019	42	100	0.212	ug/l	# 34
31) Cyclohexane	5.550	56	1850	1.379	ug/l	# 13
36) 1,1-Dichloropropene	5.538	75	6049	4.801	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	7968	6.651	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.580	43	345	0.231	ug/l	# 37
53) t-1,3-Dichloropropene	9.000	75	60	1.996	ug/l	# 43
59) 2-Hexanone	9.439	43	245	0.207	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	31664	24.576	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	31664	67.662	ug/l	# 5
89) n-Butylbenzene	12.335	91	1089	0.290	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	691	0.497	ug/l	92
94) Hexachlorobutadiene	13.719	225	610	1.100	ug/l	91
95) Naphthalene	13.780	128	3006	0.685	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	731	0.552	ug/l	90

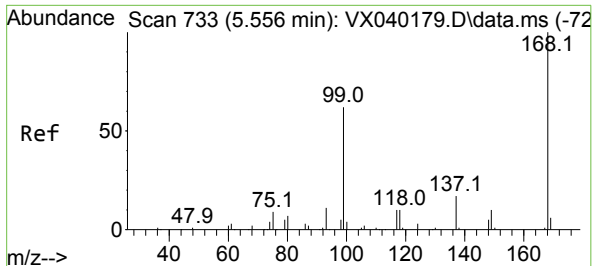
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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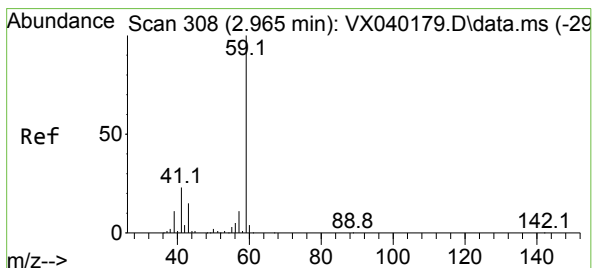
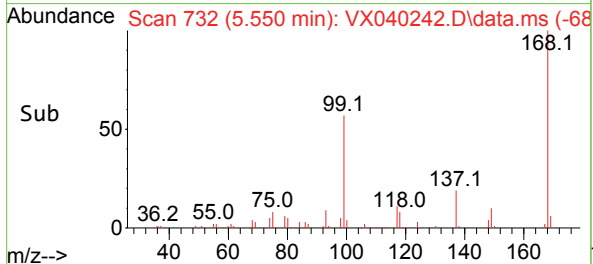
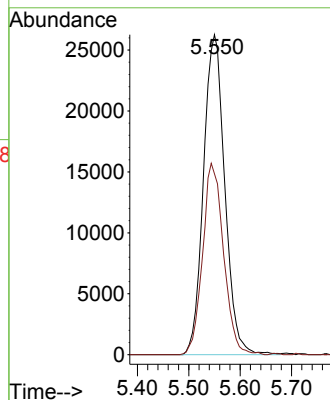
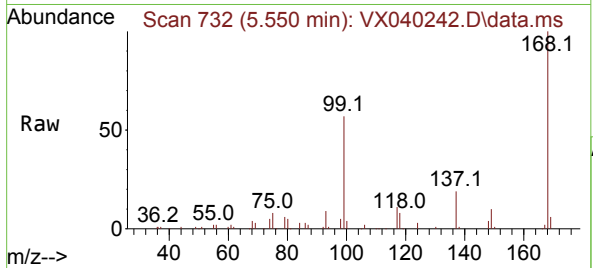




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

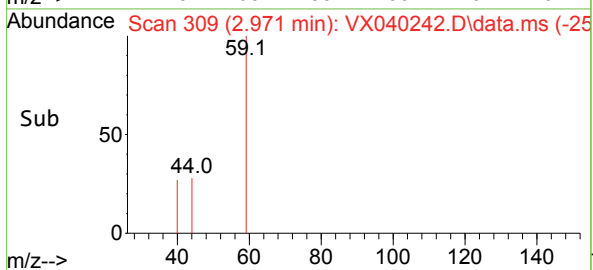
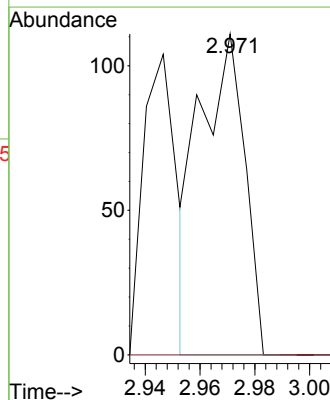
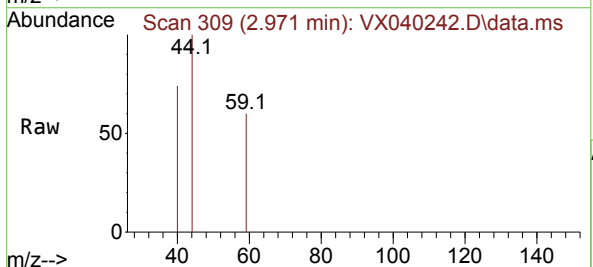
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

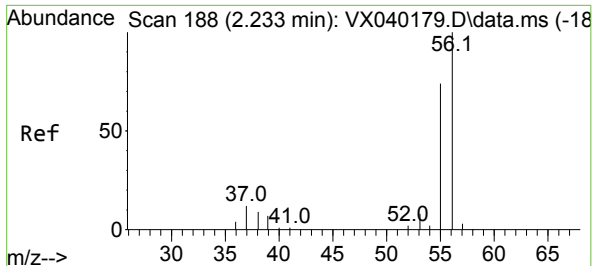
Tgt Ion:168 Resp: 75629
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.570 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.282 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040242.D

Acq: 15 Feb 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

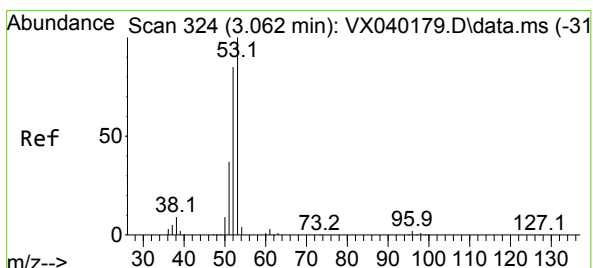
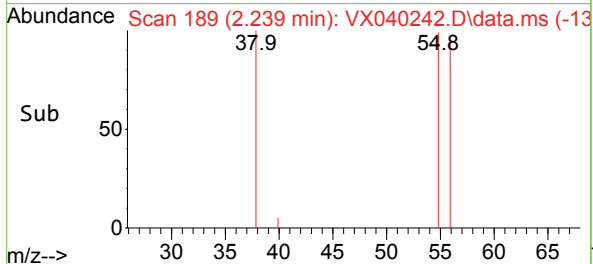
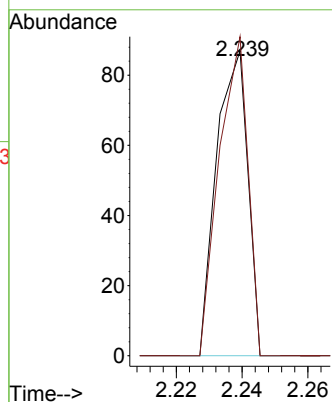
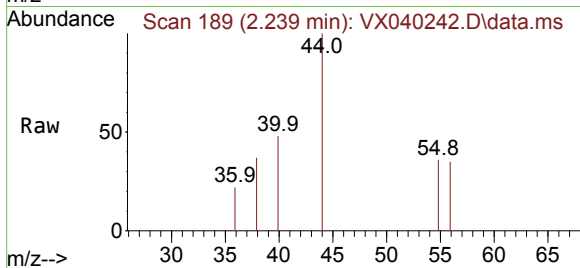
VX0215MBL01

Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 96.5 57.1 85.7#



#15

Acrylonitrile

Concen: 0.281 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX040242.D

Acq: 15 Feb 2024 11:22

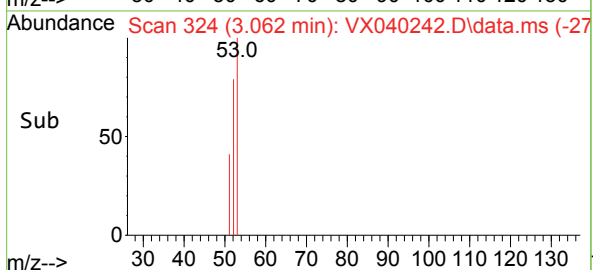
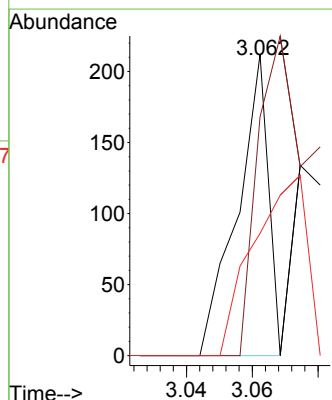
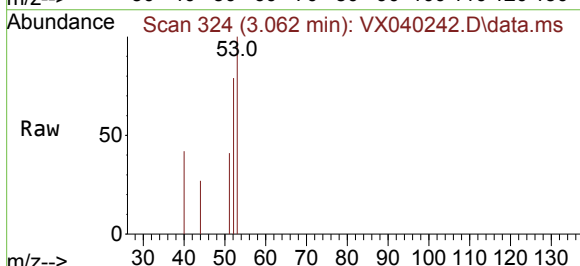
Tgt Ion: 53 Resp: 138

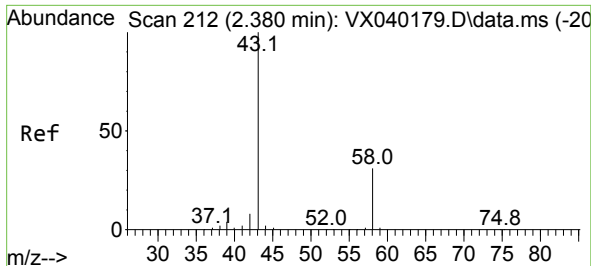
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 0.0 29.8 44.6#





#16

Acetone

Concen: 0.788 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040242.D

Acq: 15 Feb 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

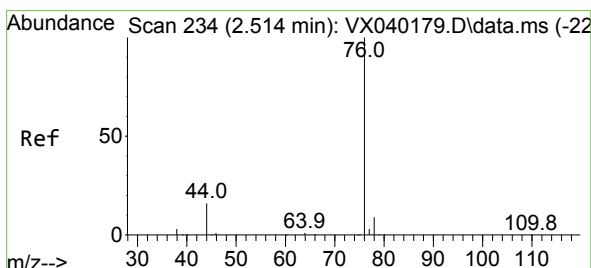
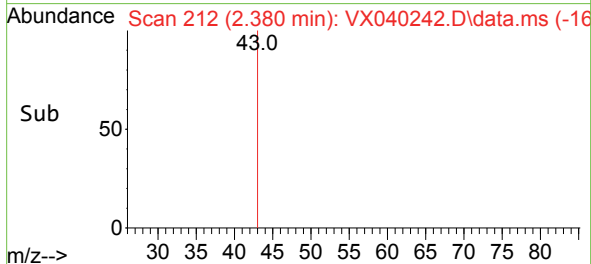
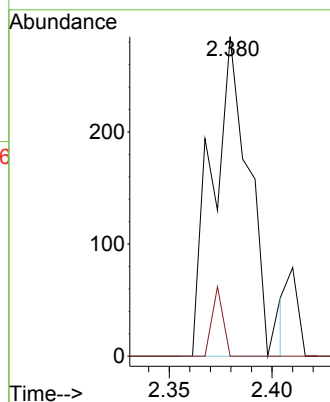
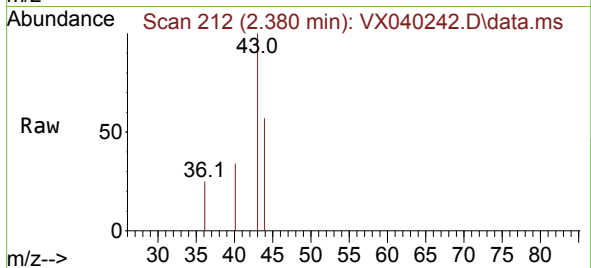
VX0215MBL01

Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.522 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX040242.D

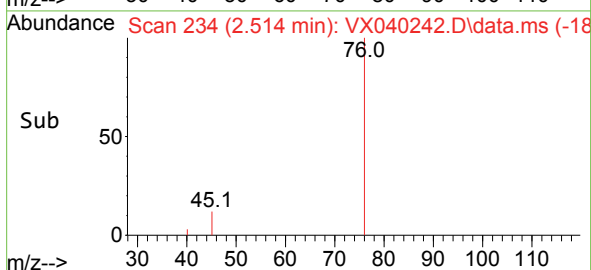
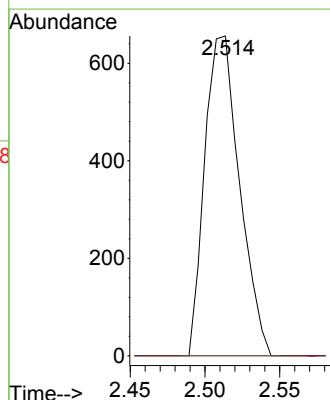
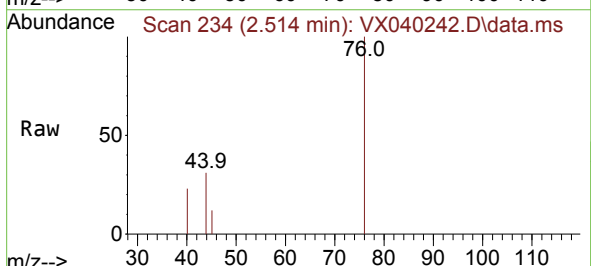
Acq: 15 Feb 2024 11:22

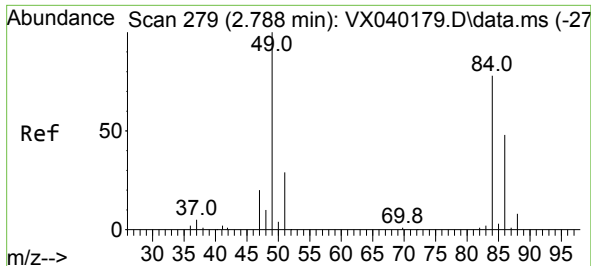
Tgt Ion: 76 Resp: 1065

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

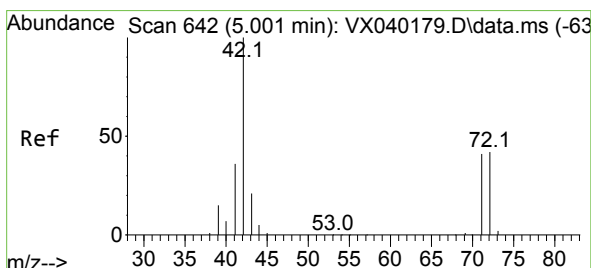
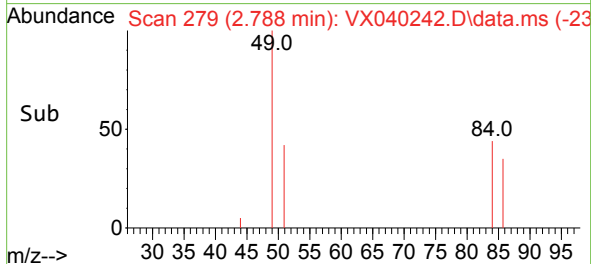
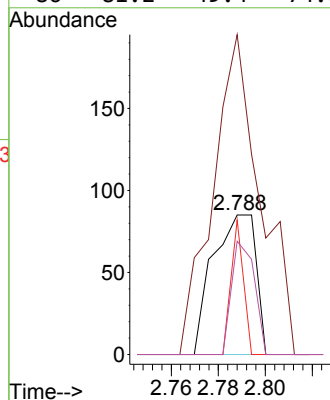
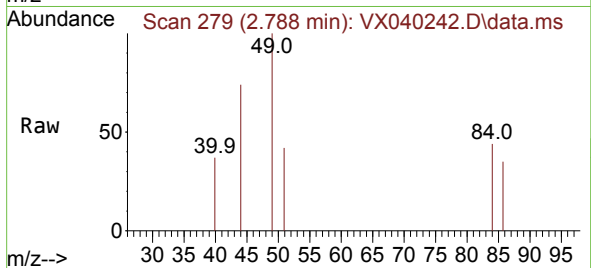




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

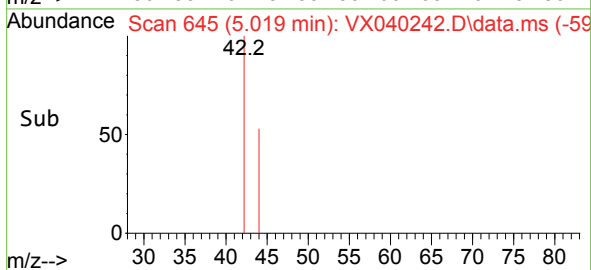
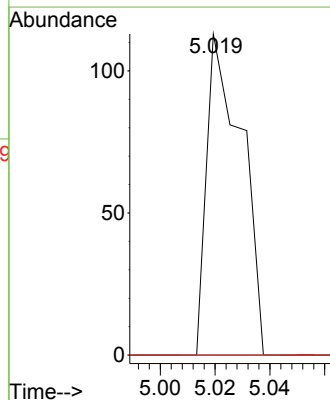
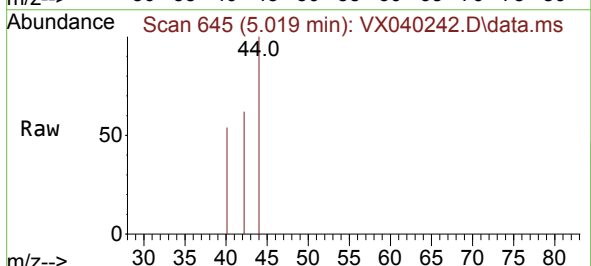
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

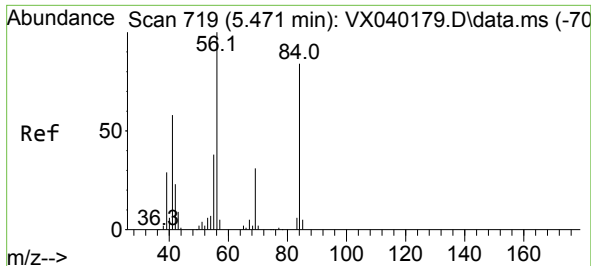
Tgt Ion:	84	Resp:	108
Ion	Ratio	Lower	Upper
84	100		
49	229.4	103.6	155.4#
51	96.5	33.8	50.6#
86	81.2	49.4	74.0#



#29
Tetrahydrofuran
Concen: 0.212 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

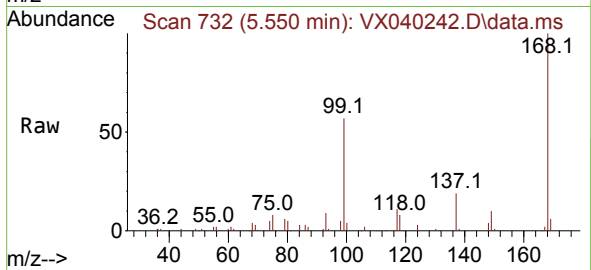
Tgt Ion:	42	Resp:	100
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



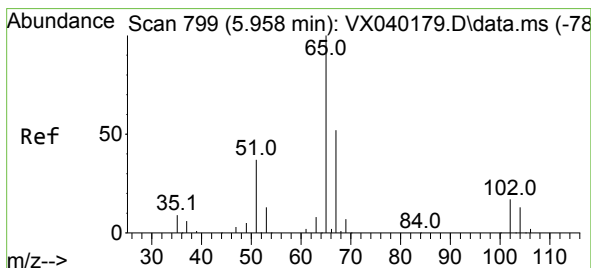
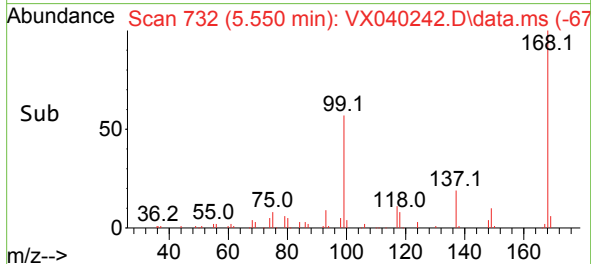
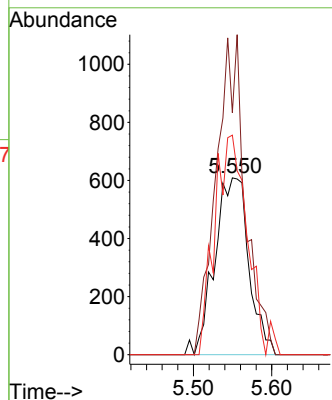


#31
Cyclohexane
Concen: 1.379 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

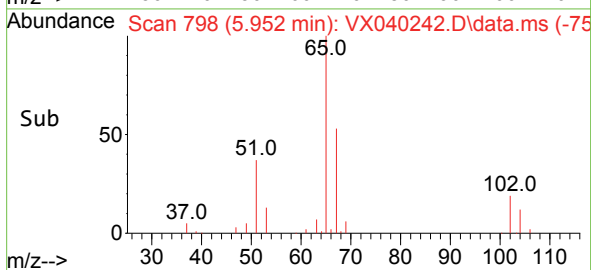
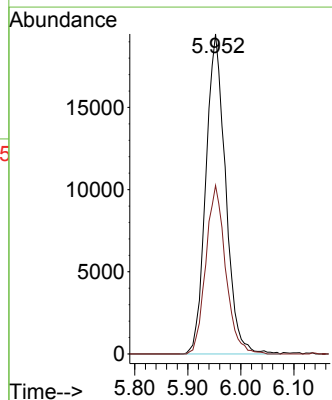
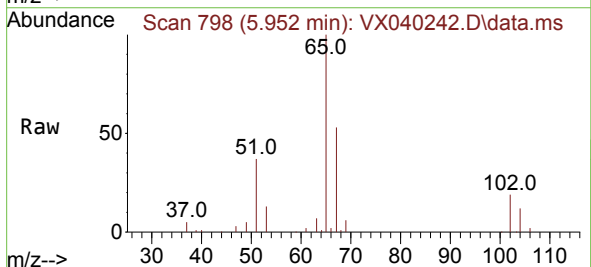


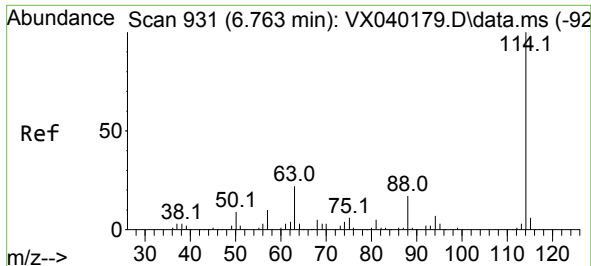
Tgt Ion: 56 Resp: 1850
Ion Ratio Lower Upper
56 100
69 136.8 23.4 35.2#
84 124.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.597 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion: 65 Resp: 50178
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

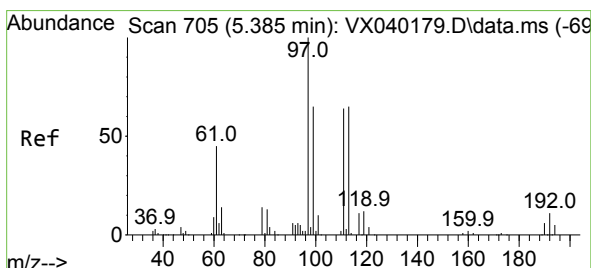
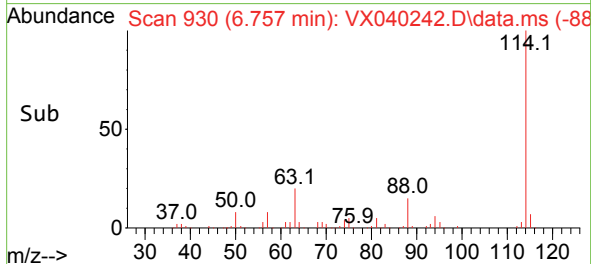
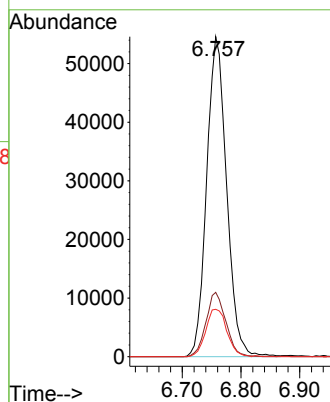
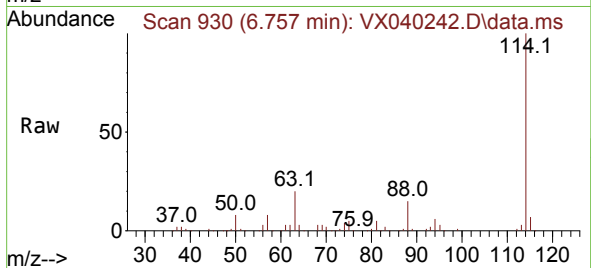




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

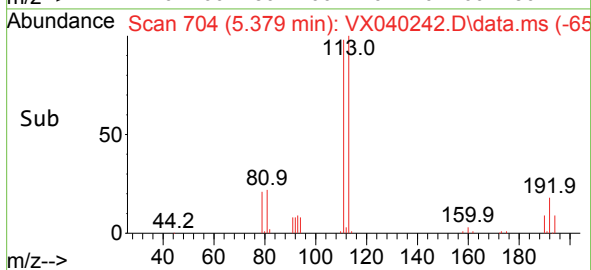
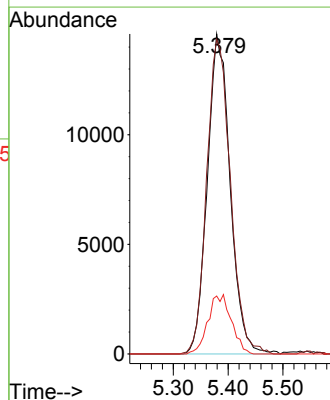
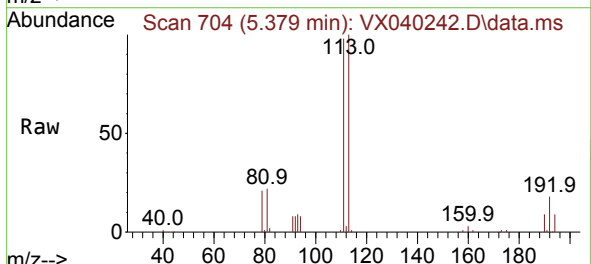
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

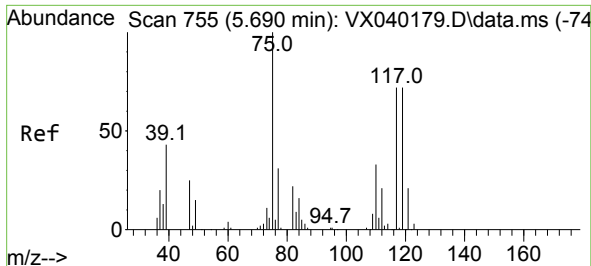
Tgt Ion:114 Resp: 128791
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.921 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion:113 Resp: 42201
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.0 13.3 19.9

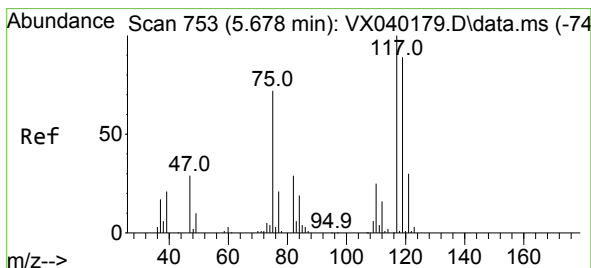
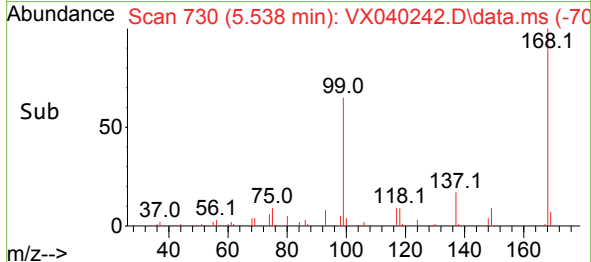
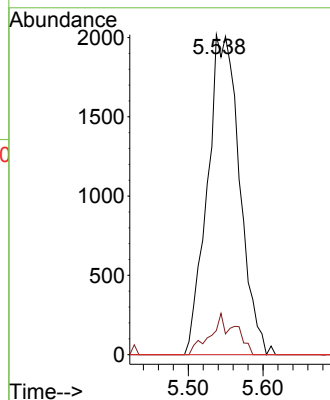
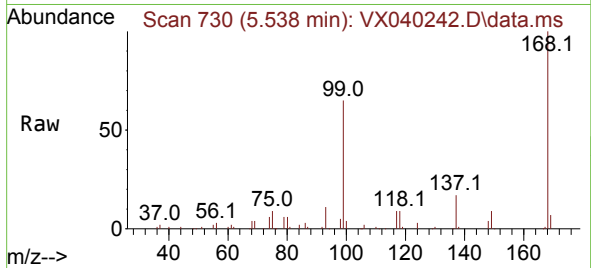




#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.158 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

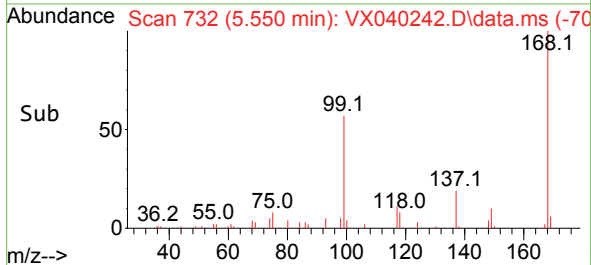
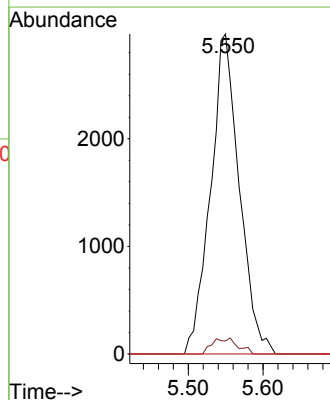
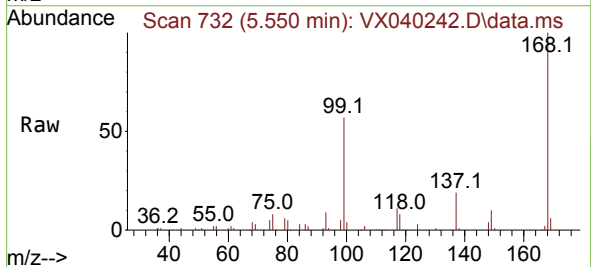
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

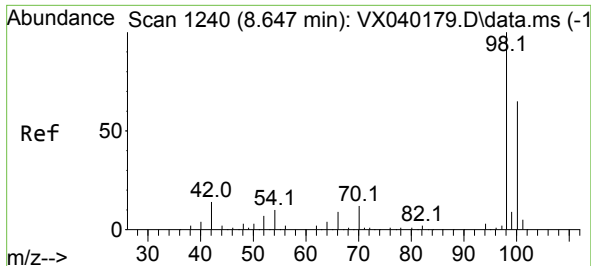
Tgt Ion: 75 Resp: 6049
Ion Ratio Lower Upper
75 100
110 7.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.651 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion: 117 Resp: 7968
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

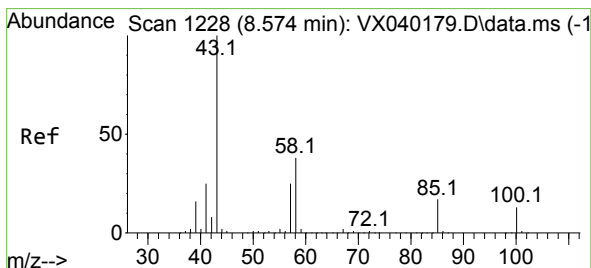
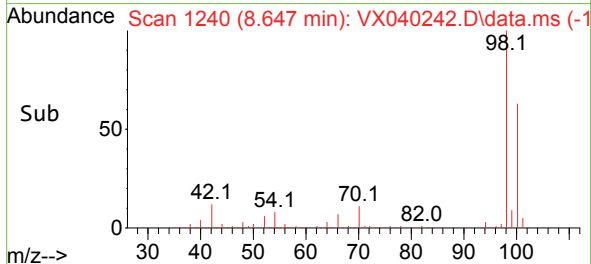
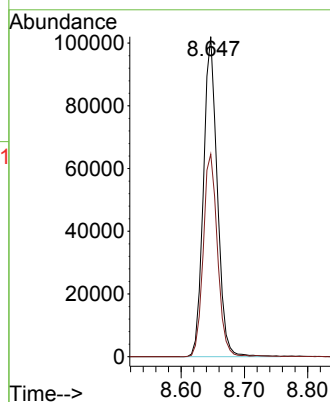
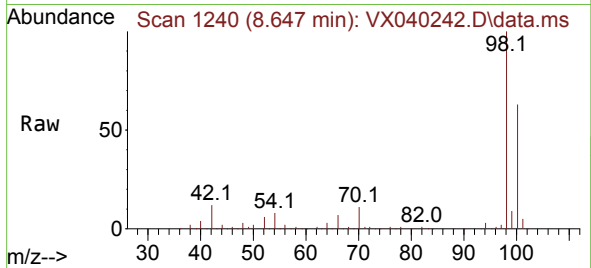




#50
Toluene-d8
Concen: 46.323 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

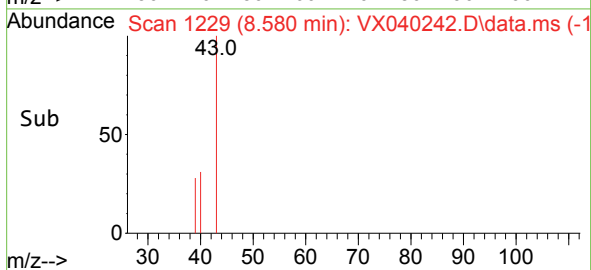
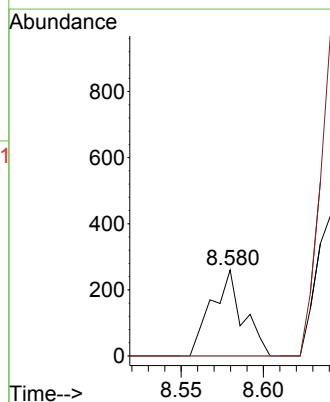
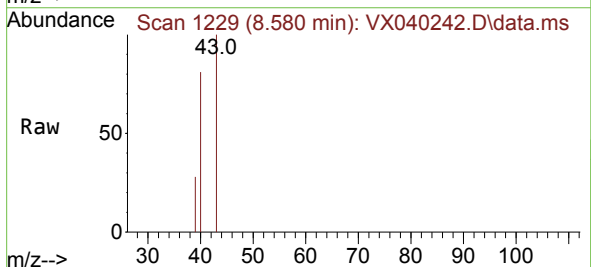
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

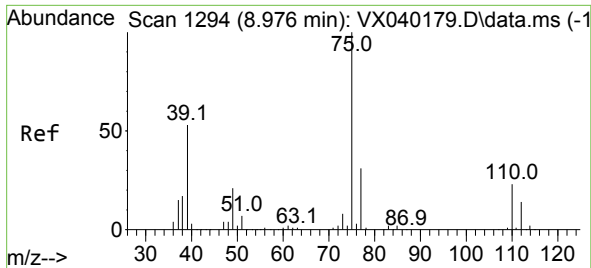
Tgt Ion: 98 Resp: 155850
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.231 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

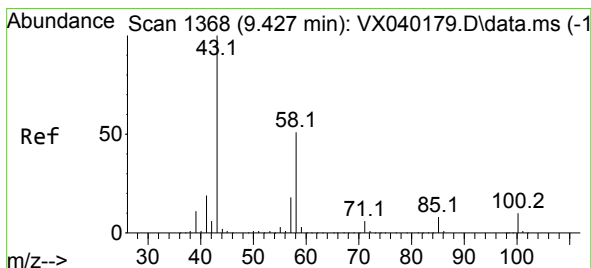
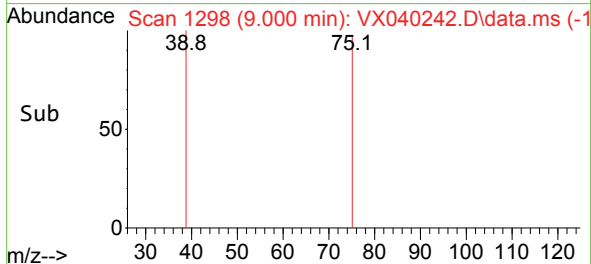
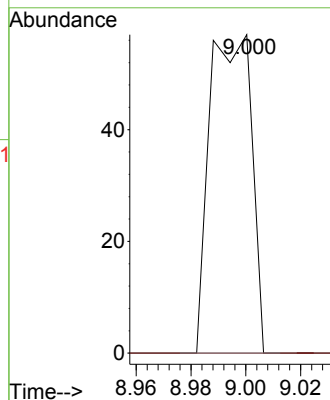
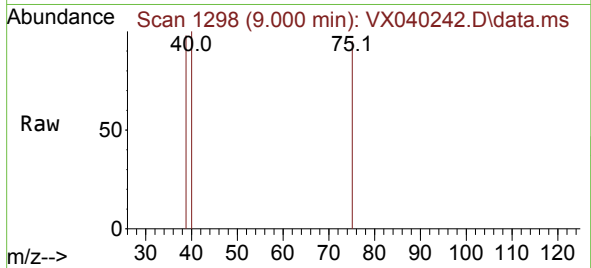




#53
t-1,3-Dichloropropene
Concen: 1.996 ug/l
RT: 9.000 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

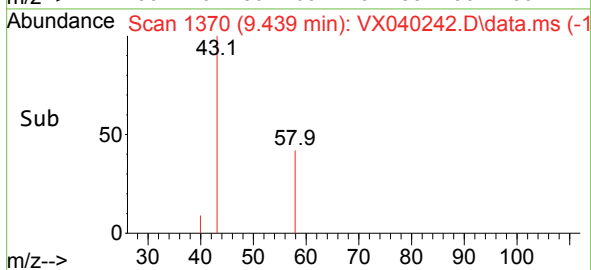
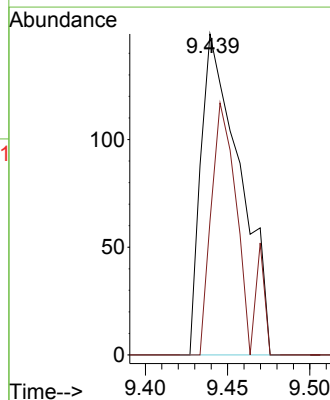
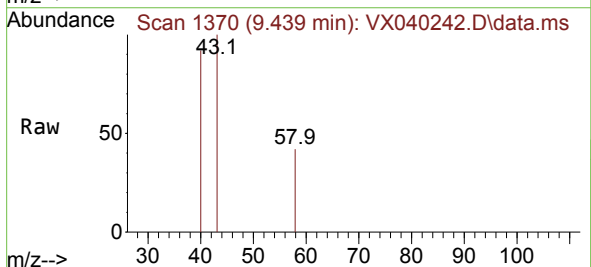
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

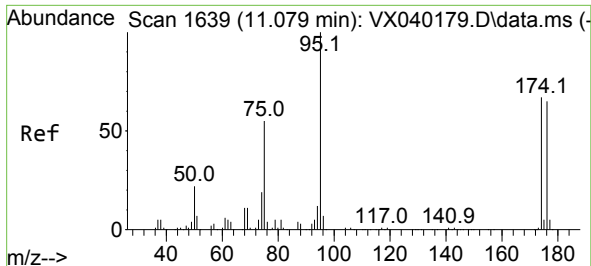
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 0.207 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
58 57.1 26.2 78.5

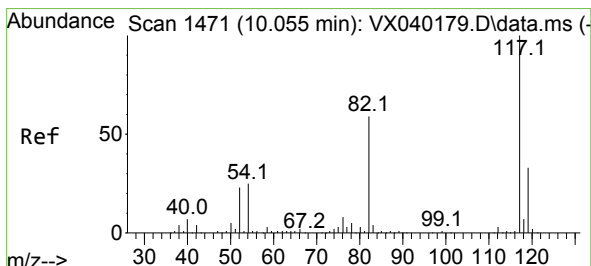
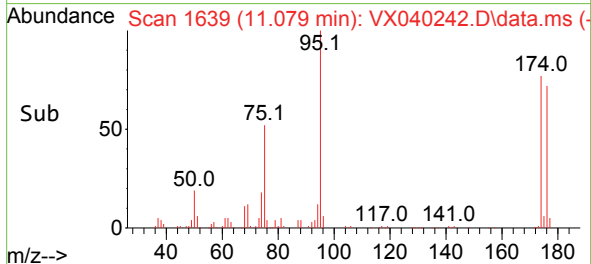
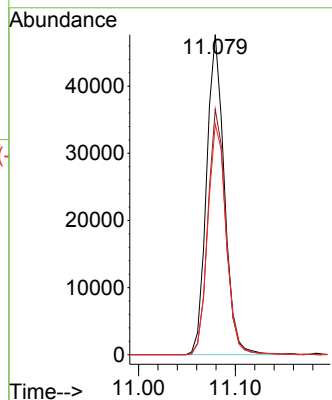
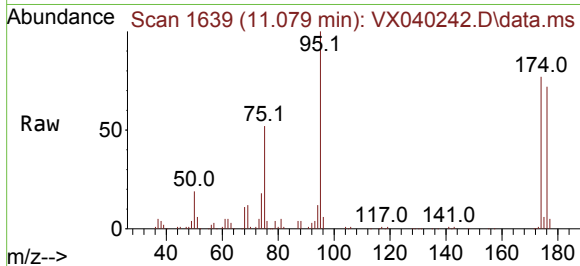




#62
4-Bromofluorobenzene
Concen: 44.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

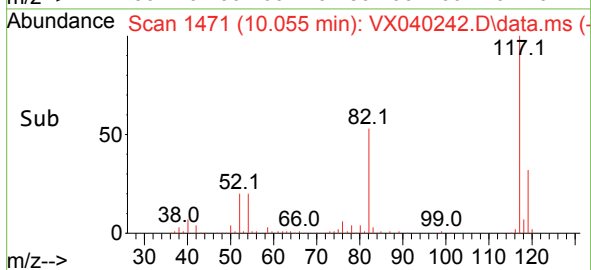
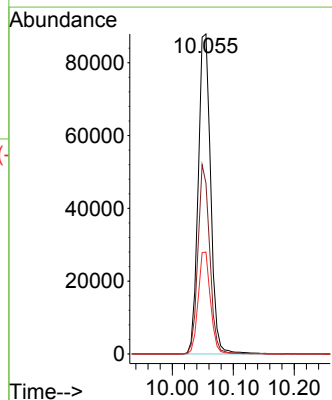
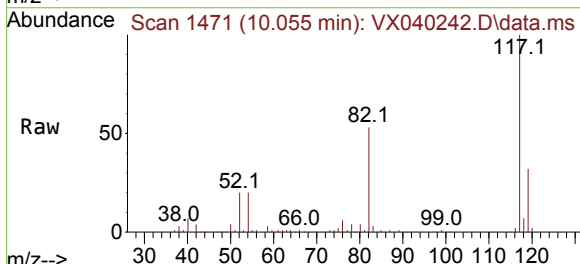
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

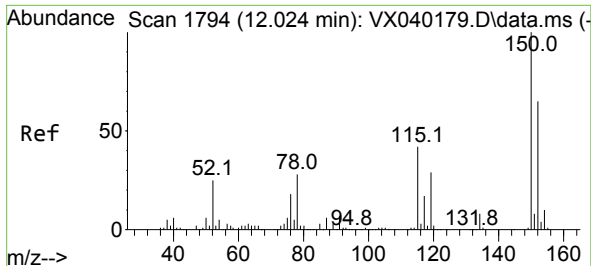
Tgt Ion: 95 Resp: 60903
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 74.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion: 117 Resp: 124246
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 31.9 25.5 38.3

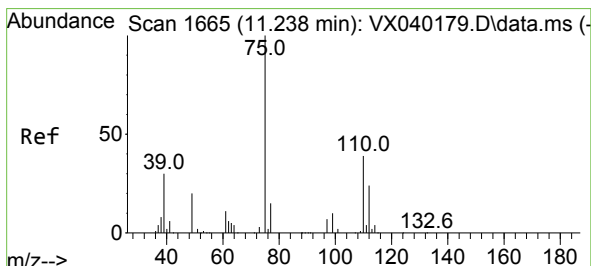
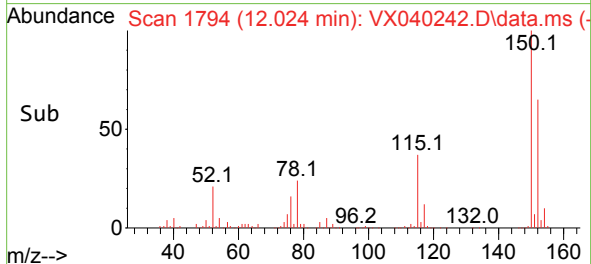
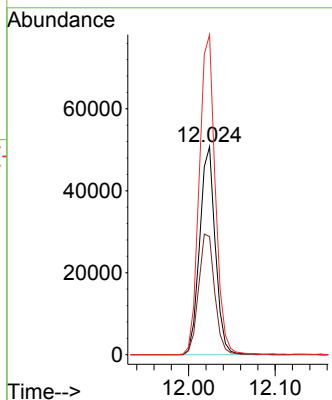
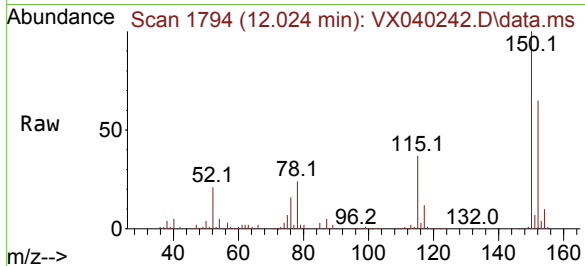




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040242.D
 Acq: 15 Feb 2024 11:22

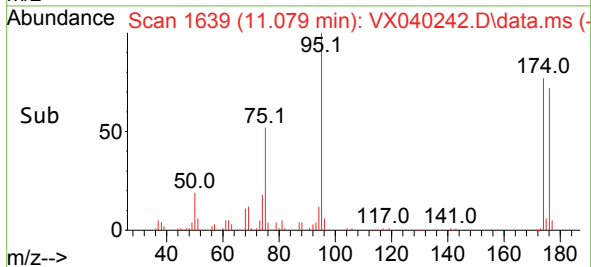
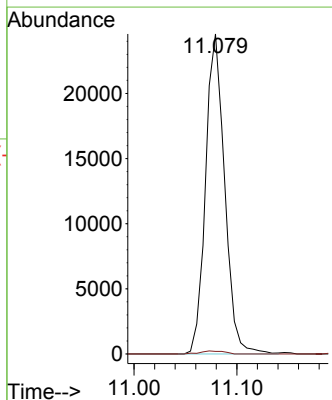
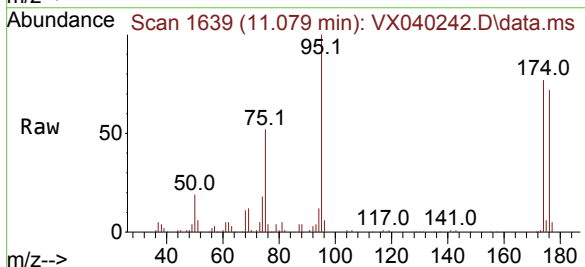
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215MBL01

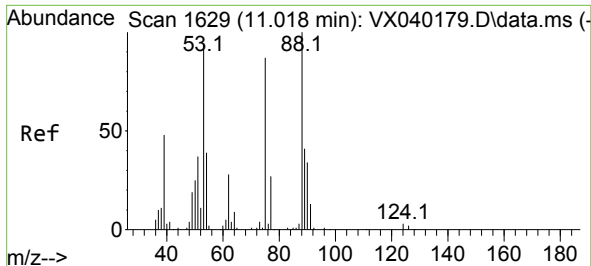
Tgt Ion:152 Resp: 63624
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 157.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.576 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040242.D
 Acq: 15 Feb 2024 11:22

Tgt Ion: 75 Resp: 31664
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

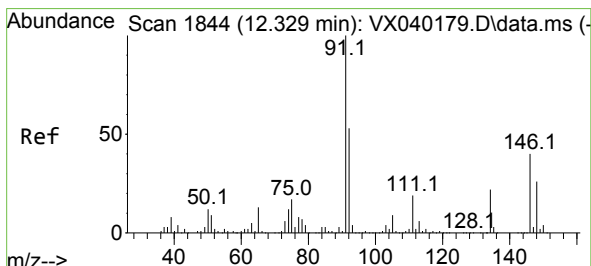
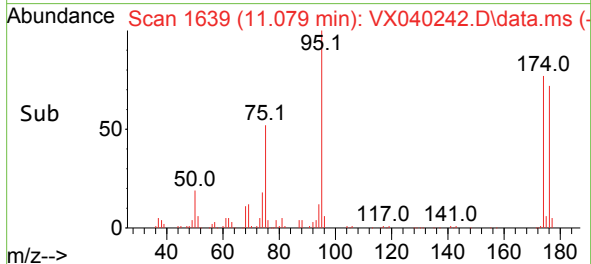
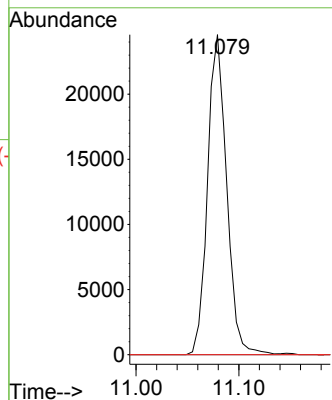
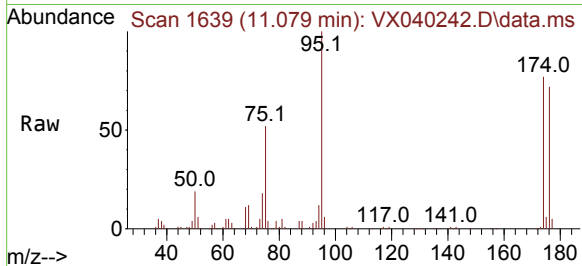




#81
trans-1,4-Dichloro-2-butene
Concen: 67.662 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

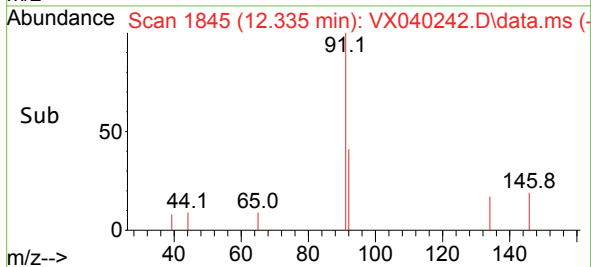
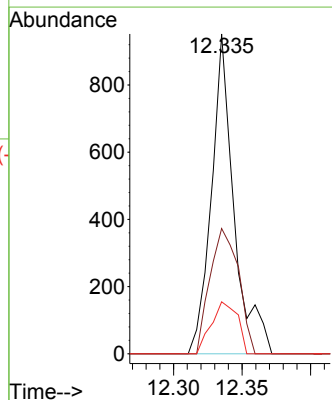
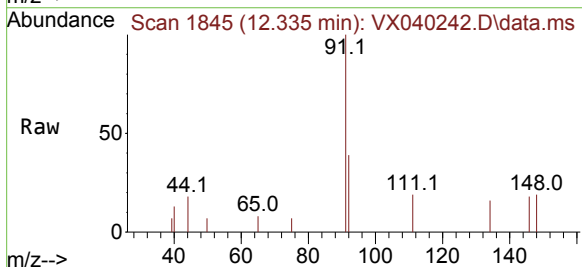
Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

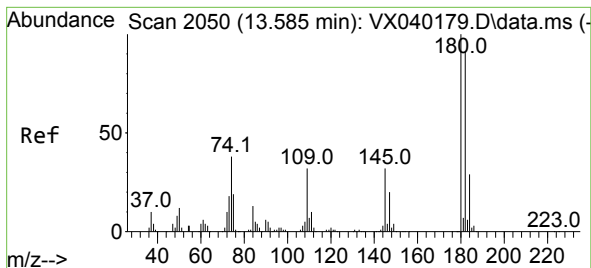
Tgt Ion: 75 Resp: 31664
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.290 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040242.D
Acq: 15 Feb 2024 11:22

Tgt Ion: 91 Resp: 1089
Ion Ratio Lower Upper
91 100
92 49.7 27.4 82.0
134 18.8 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.497 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040242.D

Acq: 15 Feb 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0215MBL01

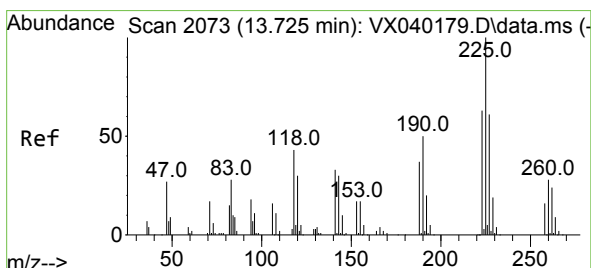
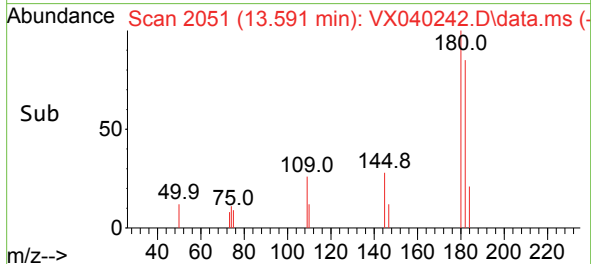
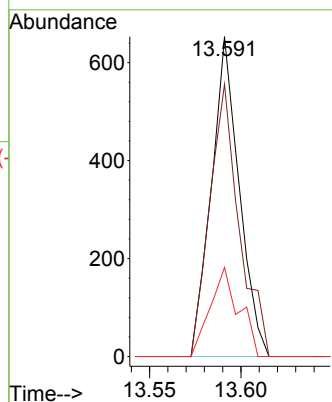
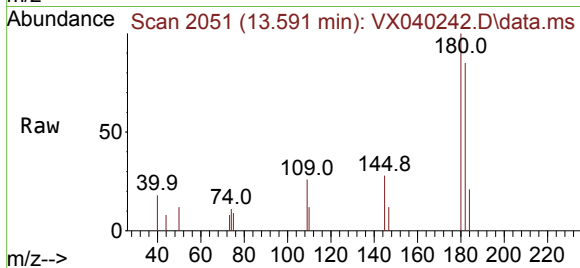
Tgt Ion:180 Resp: 691

Ion Ratio Lower Upper

180 100

182 90.2 48.3 144.8

145 28.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.100 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX040242.D

Acq: 15 Feb 2024 11:22

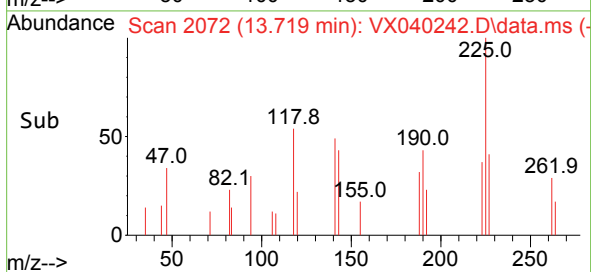
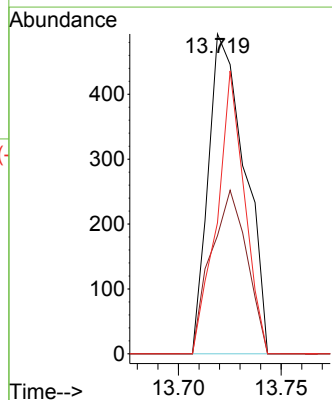
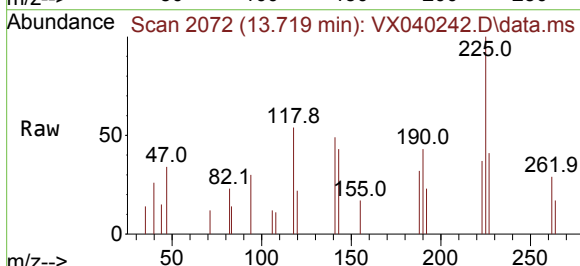
Tgt Ion:225 Resp: 610

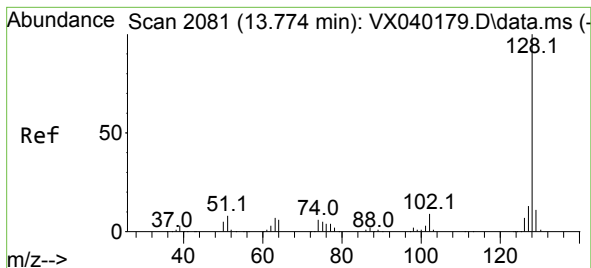
Ion Ratio Lower Upper

225 100

223 50.3 31.1 93.2

227 67.0 32.5 97.5





#95

Naphthalene

Concen: 0.685 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040242.D

Acq: 15 Feb 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0215MBL01

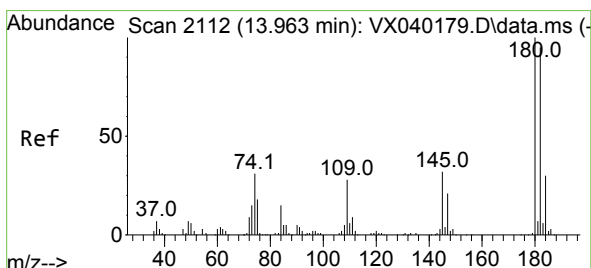
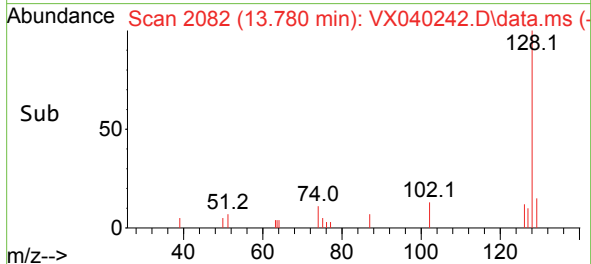
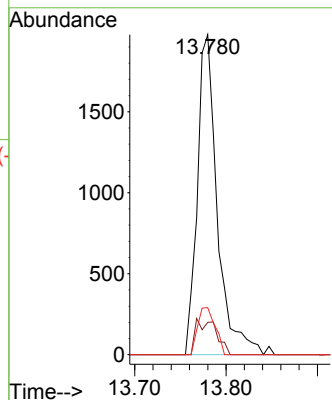
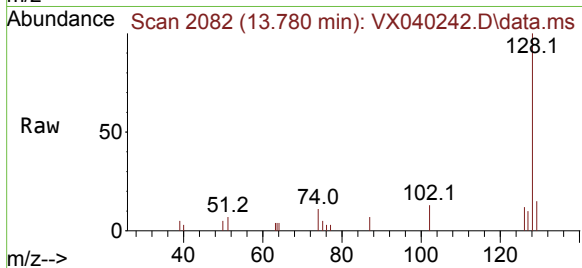
Tgt Ion:128 Resp: 3006

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 12.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.552 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040242.D

Acq: 15 Feb 2024 11:22

Tgt Ion:180 Resp: 731

Ion Ratio Lower Upper

180 100

182 84.3 46.9 140.6

145 30.0 17.8 53.5

