

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039749.D
 Acq On : 15 Jan 2024 12:29
 Operator : JC/MD
 Sample : VX0115MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 01:37:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

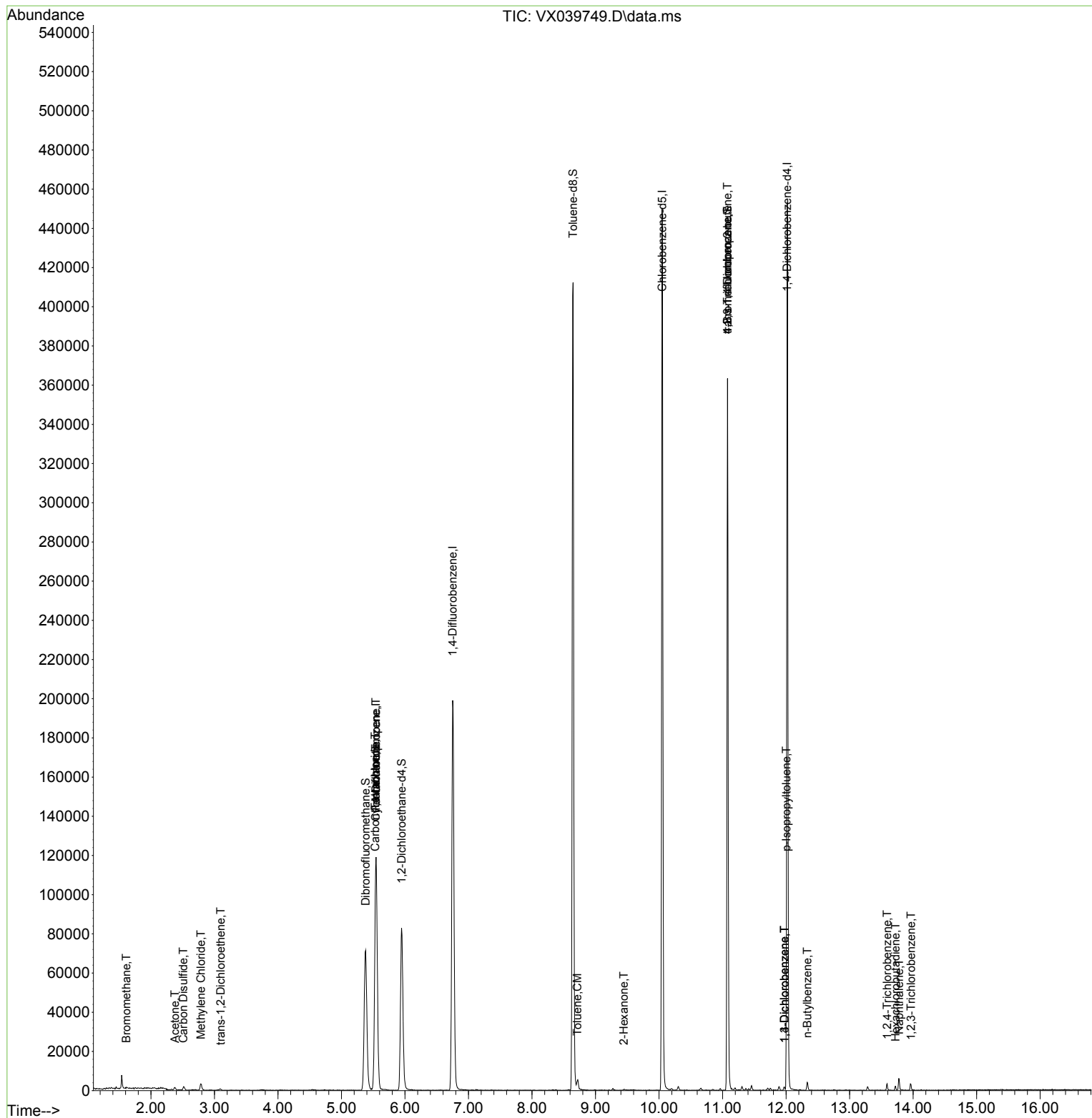
Internal Standards						
1) Pentafluorobenzene	5.544	168	107201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	201184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	194206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81221	45.229	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.460%
35) Dibromofluoromethane	5.379	113	63911	47.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	8.647	98	245603	48.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.120%
62) 4-Bromofluorobenzene	11.079	95	95658	47.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	206	0.242	ug/l #	52
13) Acrolein	2.221	56	109	Below Cal		96
16) Acetone	2.380	43	1369	1.356	ug/l	97
17) Carbon Disulfide	2.508	76	1148	0.310	ug/l #	76
20) Methylene Chloride	2.788	84	1547	1.013	ug/l #	76
21) trans-1,2-Dichloroethene	3.099	96	275	0.203	ug/l #	69
31) Cyclohexane	5.537	56	2768	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9548	4.527	ug/l #	46
38) Carbon Tetrachloride	5.531	117	11548	5.978	ug/l #	14
52) Toluene	8.714	92	1909	0.535	ug/l	97
59) 2-Hexanone	9.445	43	466	0.207	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	51294	22.821	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51294	65.958	ug/l #	5
86) p-Isopropyltoluene	12.006	119	1164	0.200	ug/l #	72
87) 1,3-Dichlorobenzene	11.975	146	717	0.243	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	717	0.236	ug/l	94
89) n-Butylbenzene	12.335	91	1739	0.310	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	992	0.557	ug/l	90
94) Hexachlorobutadiene	13.725	225	307	0.415	ug/l	82
95) Naphthalene	13.780	128	4042	0.617	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	967	0.538	ug/l	96

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 16 01:37:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

Instrument :

MSVOA_X

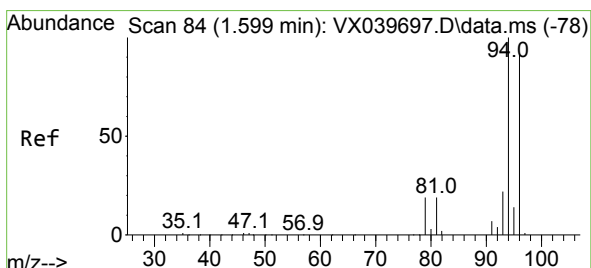
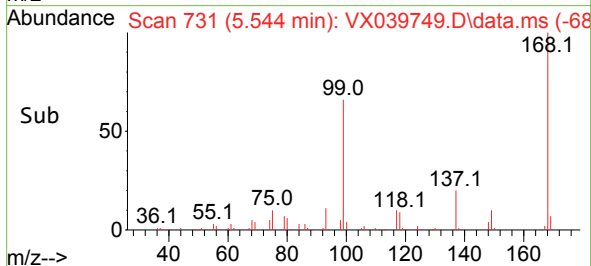
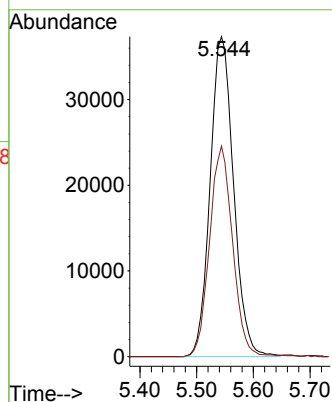
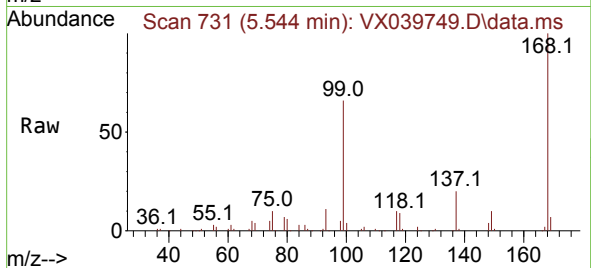
ClientSampleId :

Tgt Ion:168 Resp: 107201

Ion Ratio Lower Upper

168 100

99 65.8 56.6 85.0



#5

Bromomethane

Concen: 0.242 ug/l

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX039749.D

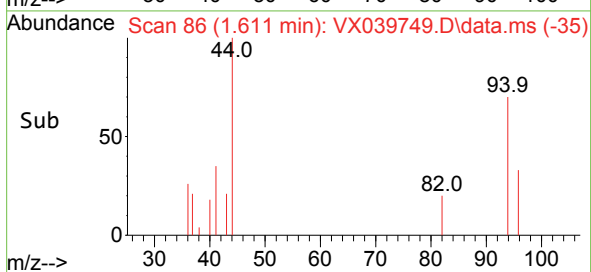
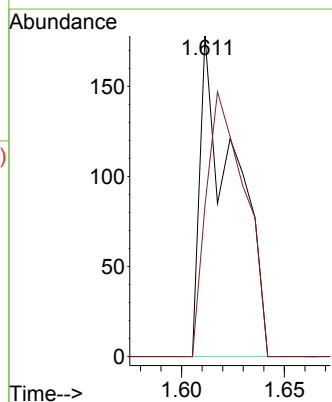
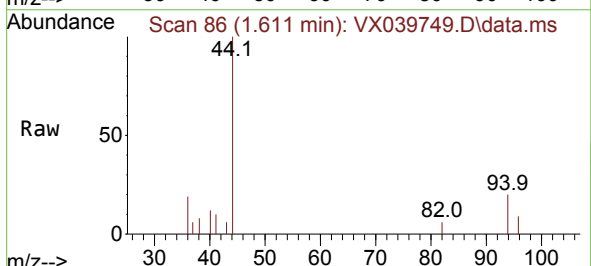
Acq: 15 Jan 2024 12:29

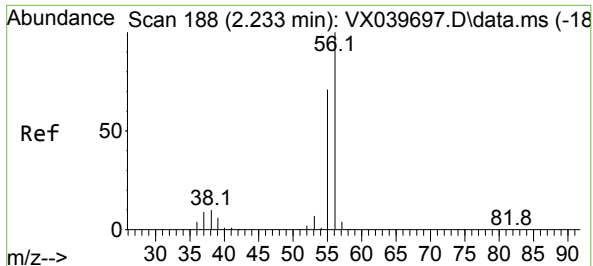
Tgt Ion: 94 Resp: 206

Ion Ratio Lower Upper

94 100

96 47.2 74.6 111.8#

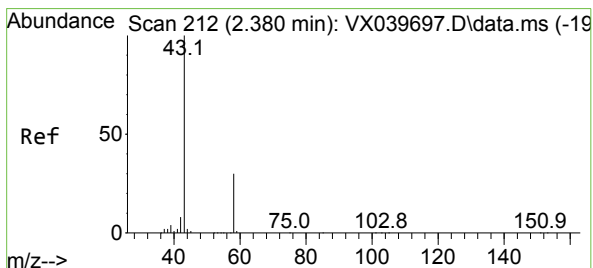
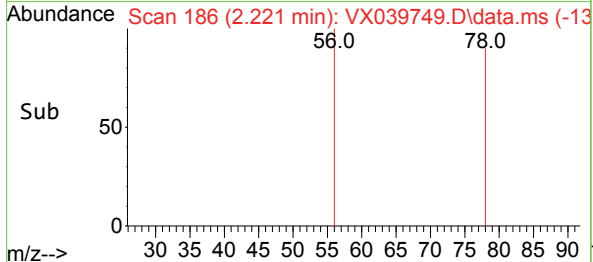
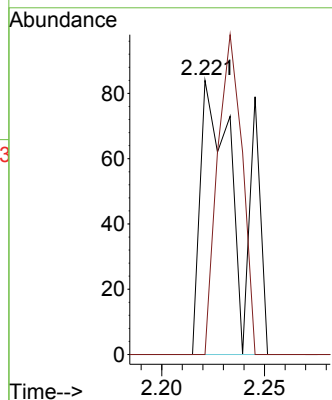
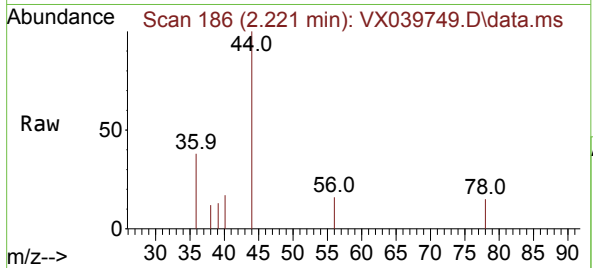




#13
Acrolein
Concen: Below Cal
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

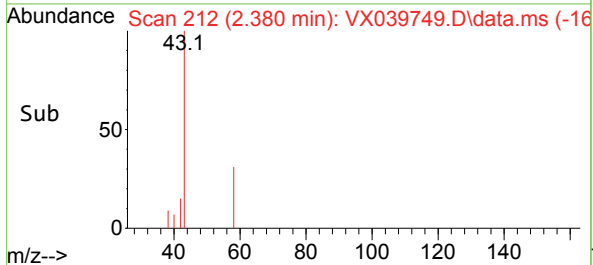
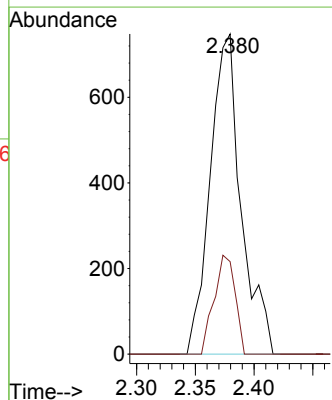
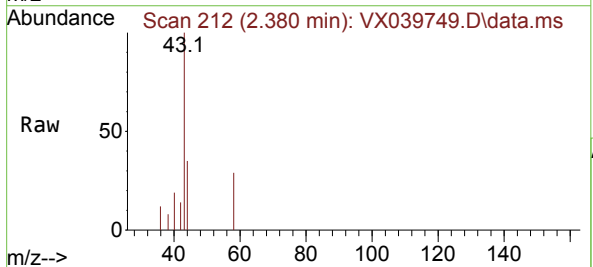
Instrument :
MSVOA_X
ClientSampleId :

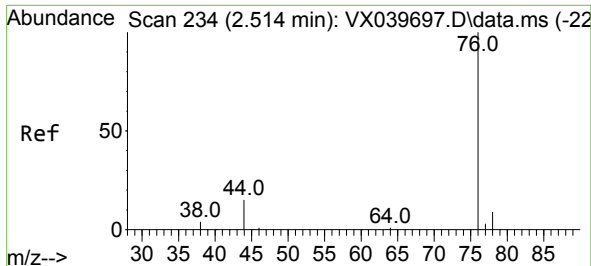
Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 74.3 57.1 85.7



#16
Acetone
Concen: 1.356 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9





#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 2.508 min Scan# 211

Delta R.T. -0.006 min

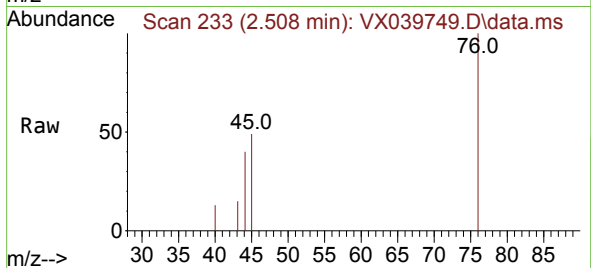
Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

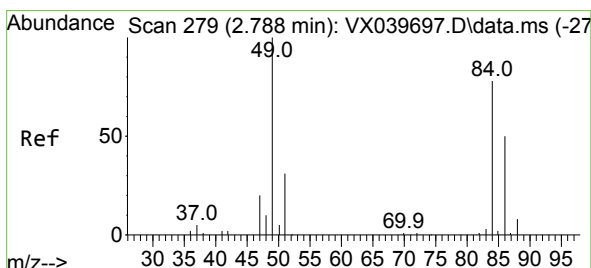
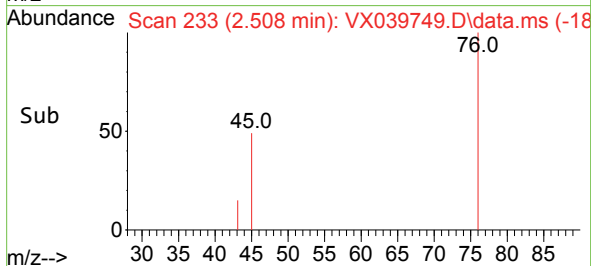
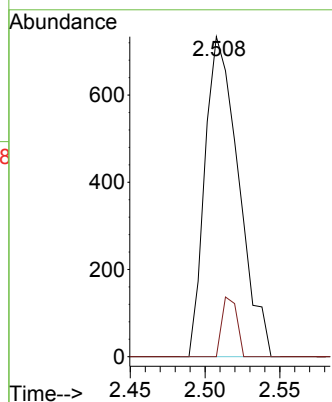


Tgt Ion: 76 Resp: 1148

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 1.013 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

Tgt Ion: 84 Resp: 1547

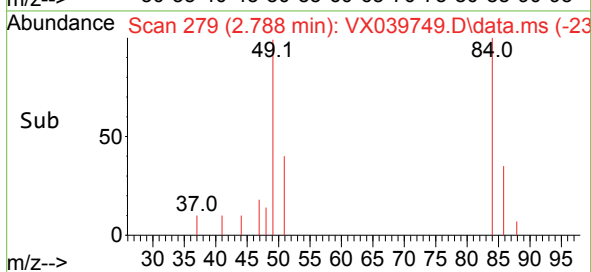
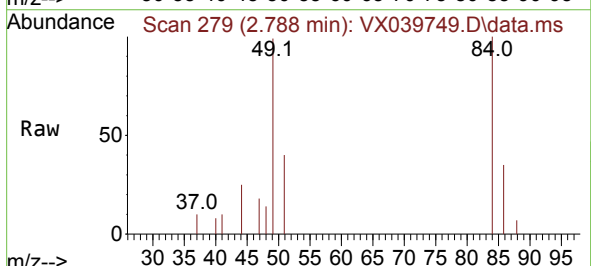
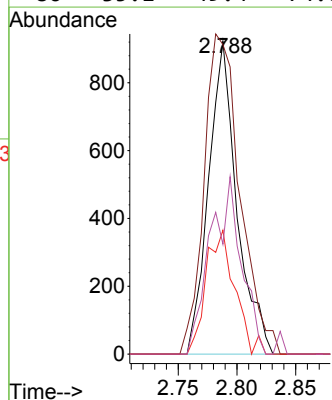
Ion Ratio Lower Upper

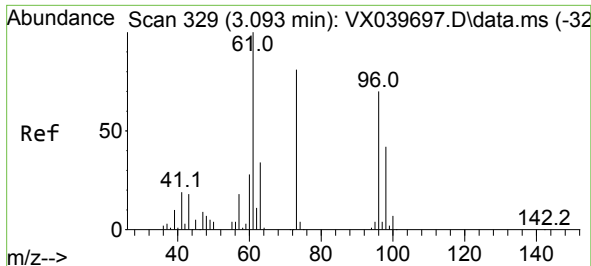
84 100

49 99.0 103.6 155.4#

51 39.6 33.8 50.6

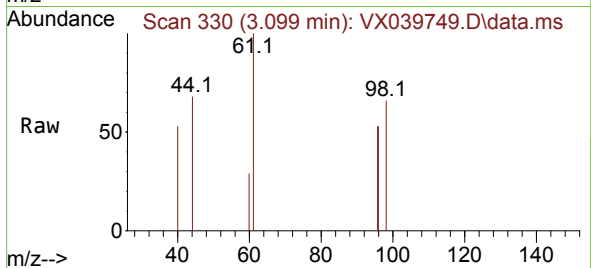
86 35.1 49.4 74.0#



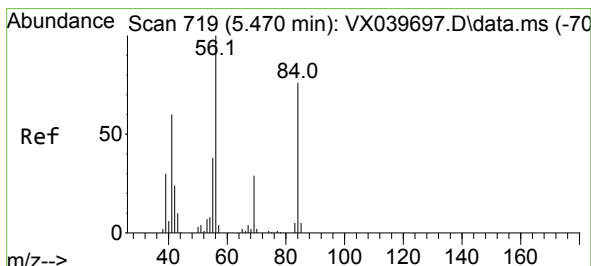
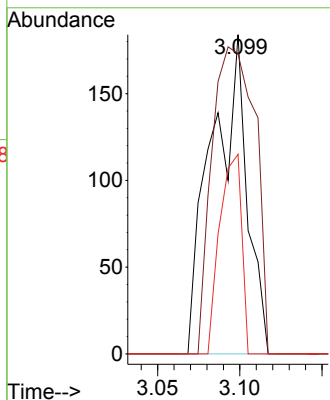
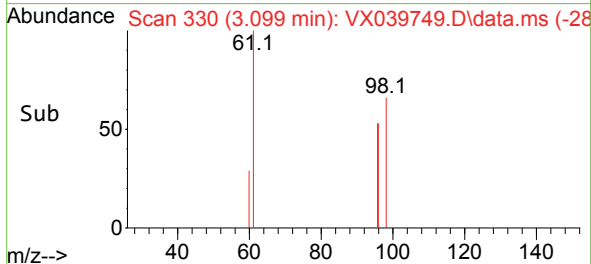


#21
trans-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

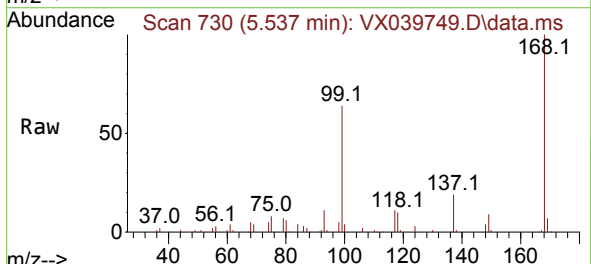
Instrument :
MSVOA_X
ClientSampleId :



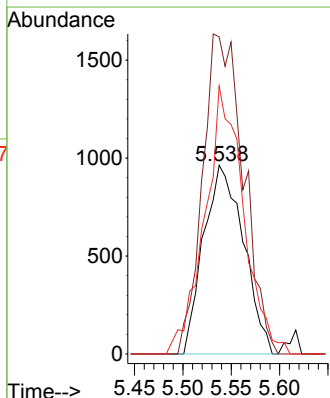
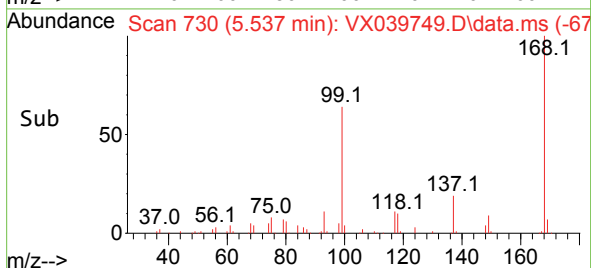
Tgt Ion: 96 Resp: 275
Ion Ratio Lower Upper
96 100
61 94.0 119.2 178.8#
98 62.5 48.7 73.1

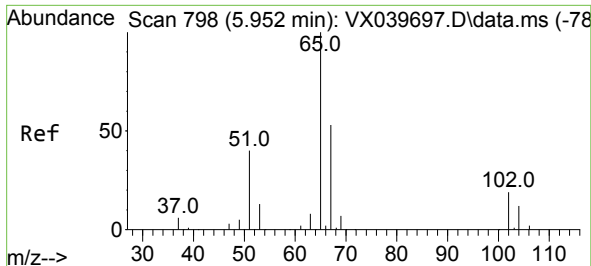


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29



Tgt Ion: 56 Resp: 2768
Ion Ratio Lower Upper
56 100
69 168.1 23.4 35.2#
84 136.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.229 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

Instrument :

MSVOA_X

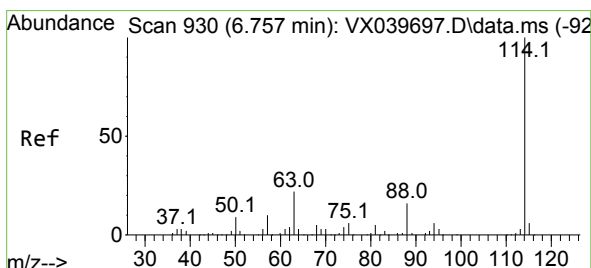
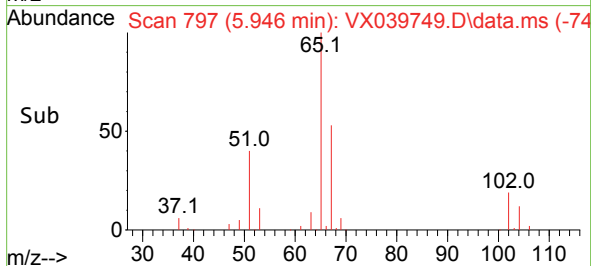
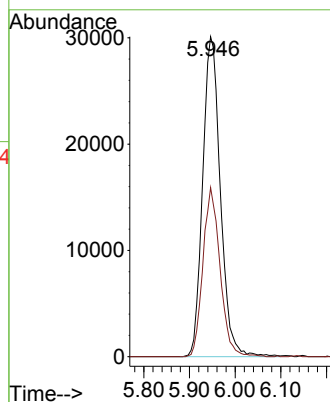
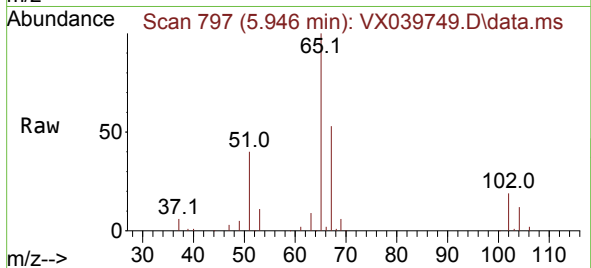
ClientSampleId :

Tgt Ion: 65 Resp: 81221

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

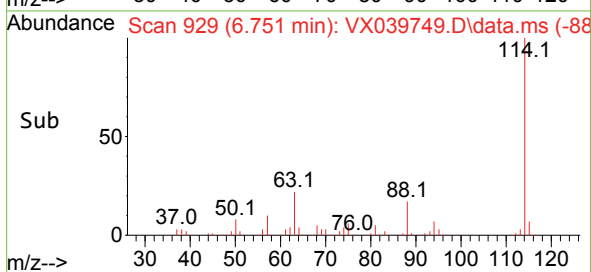
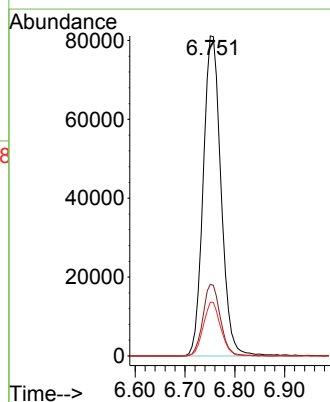
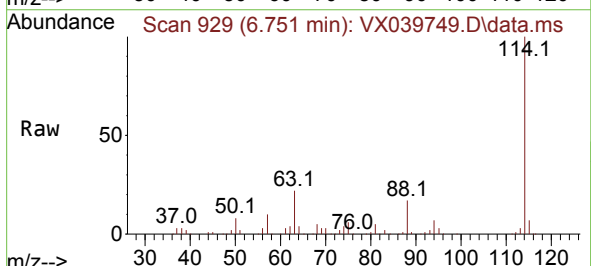
Tgt Ion: 114 Resp: 201184

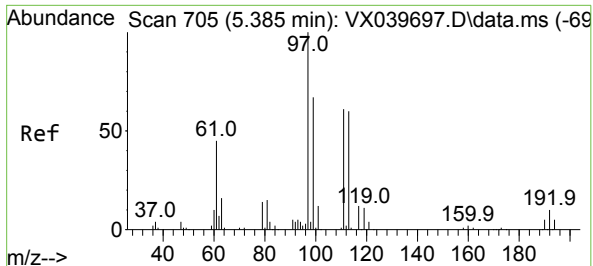
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

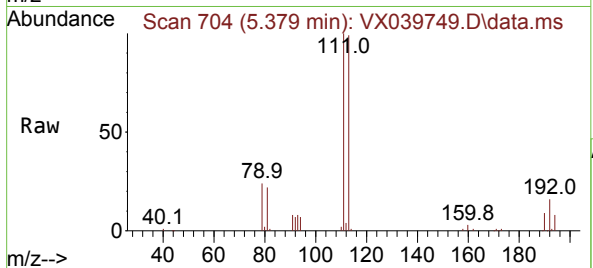
88 16.8 0.0 36.6



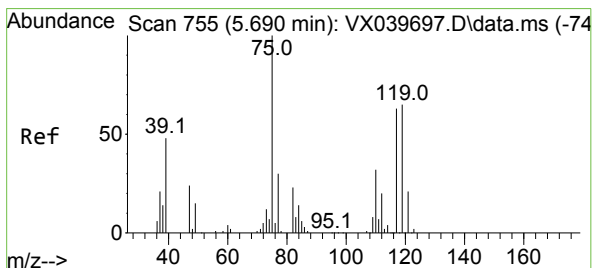
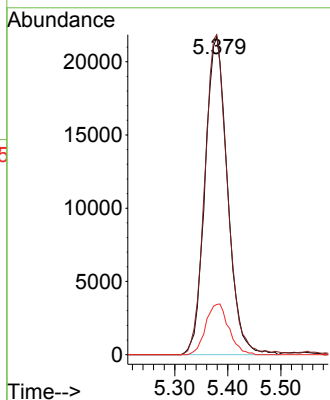
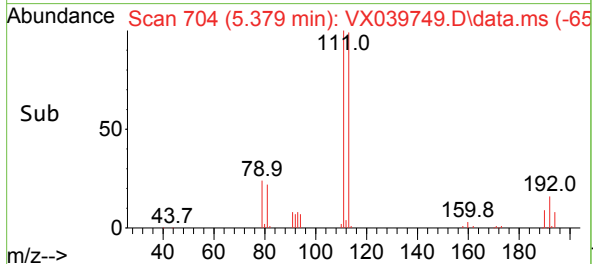


#35
Dibromofluoromethane
Concen: 47.165 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :

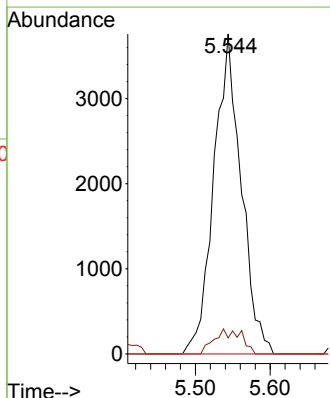
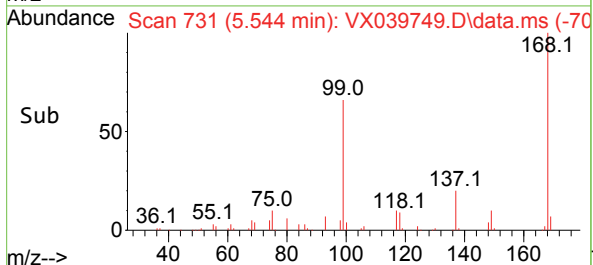
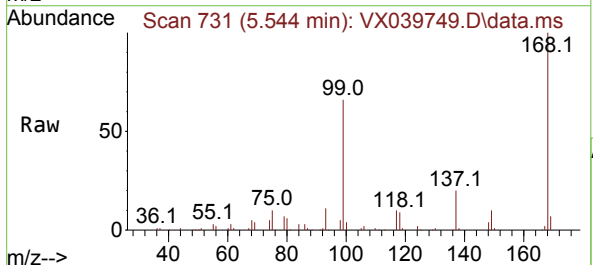


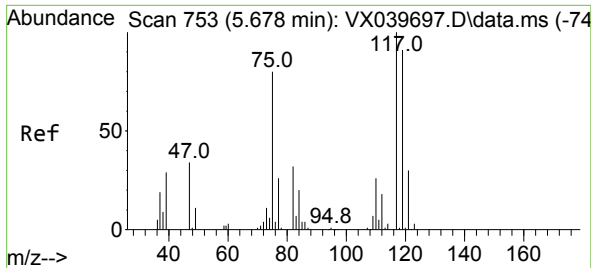
Tgt Ion:113 Resp: 63911
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

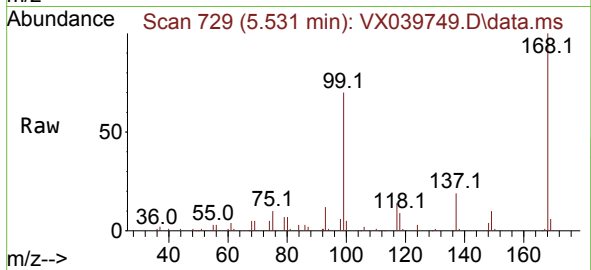
Tgt Ion: 75 Resp: 9548
Ion Ratio Lower Upper
75 100
110 4.1 17.0 50.9#
77 0.0 24.7 37.1#



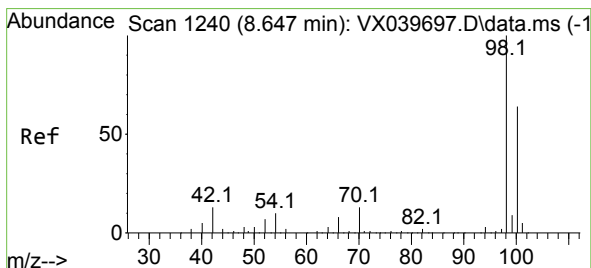
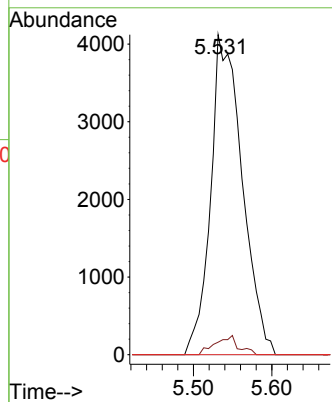
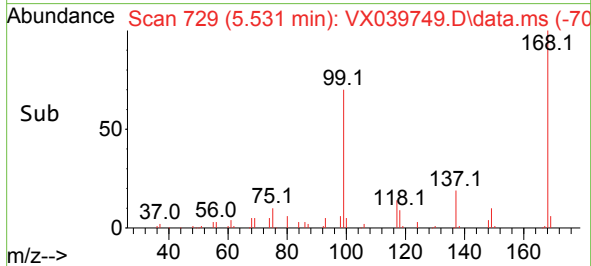


#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :

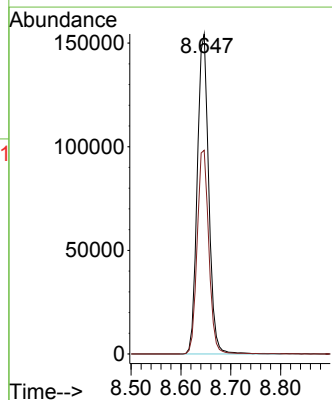
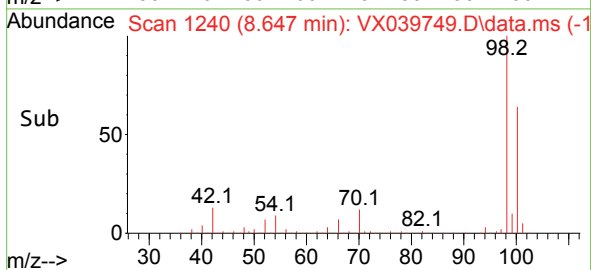
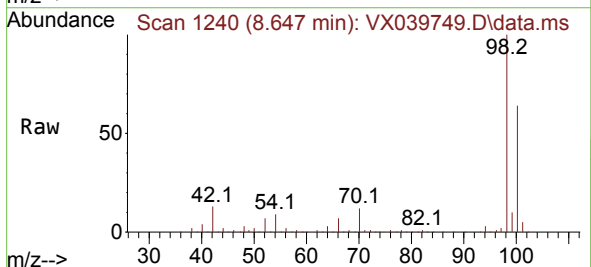


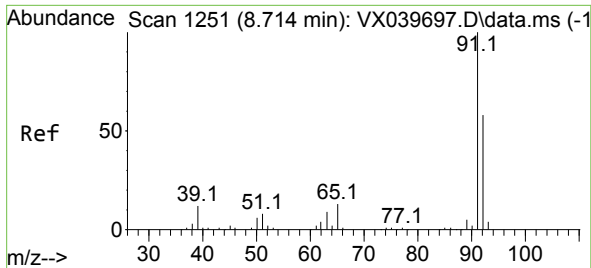
Tgt Ion:117 Resp: 11548
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

Tgt Ion: 98 Resp: 245603
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

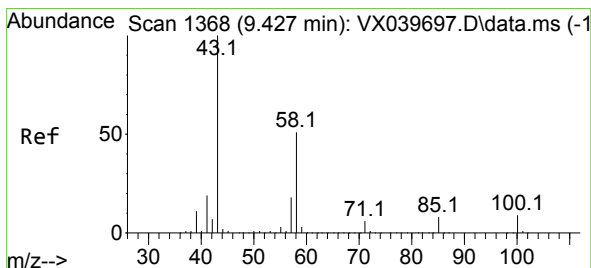
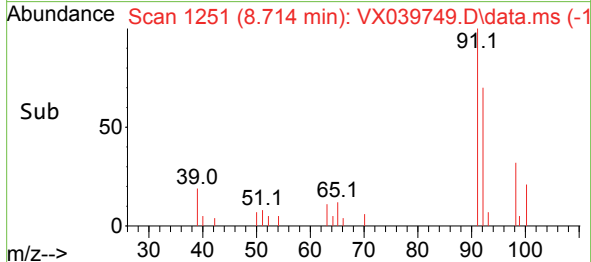
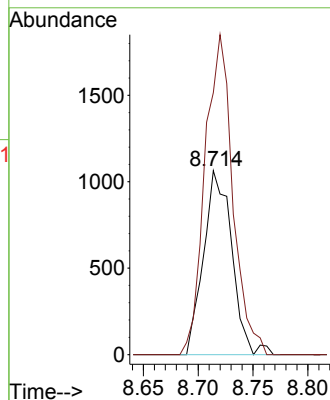
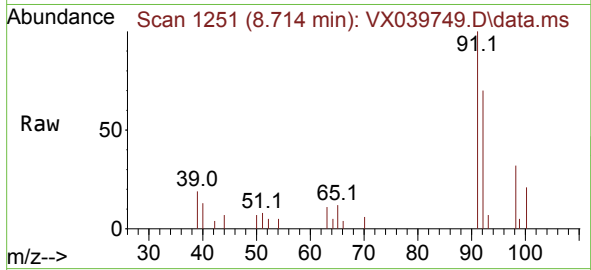




#52
Toluene
Concen: 0.535 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

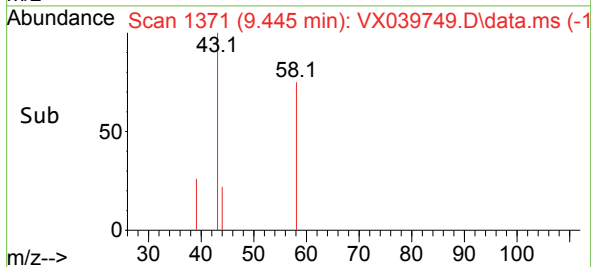
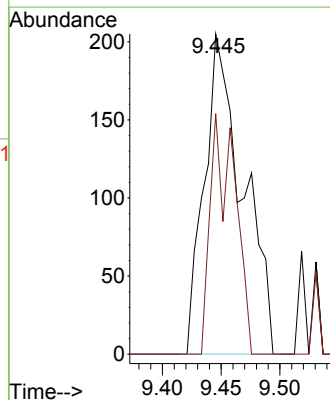
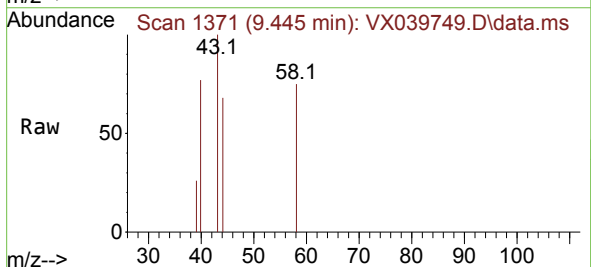
Instrument :
MSVOA_X
ClientSampleId :

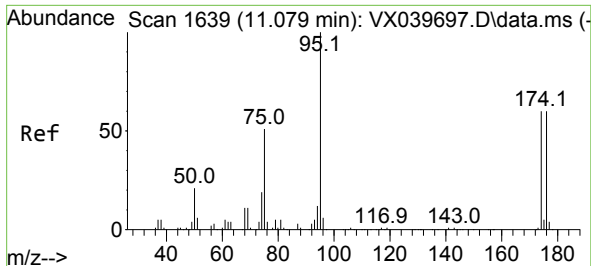
Tgt Ion: 92 Resp: 1909
Ion Ratio Lower Upper
92 100
91 171.1 134.2 201.2



#59
2-Hexanone
Concen: 0.207 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
58 48.3 26.2 78.5

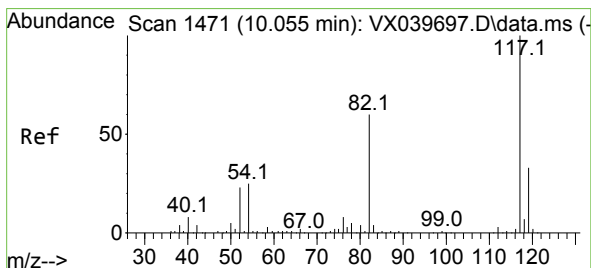
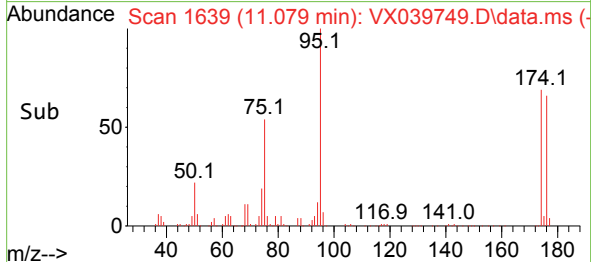
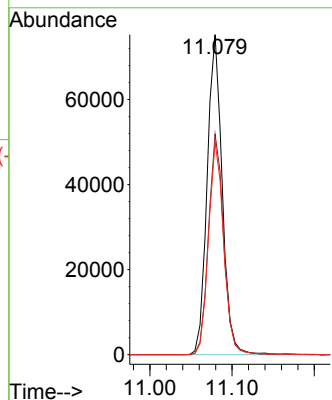
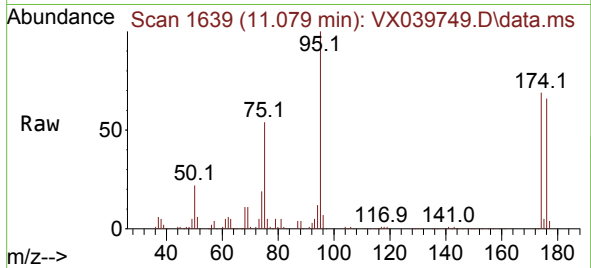




#62
4-Bromofluorobenzene
Concen: 47.864 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

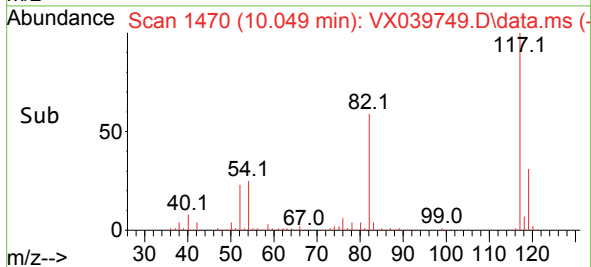
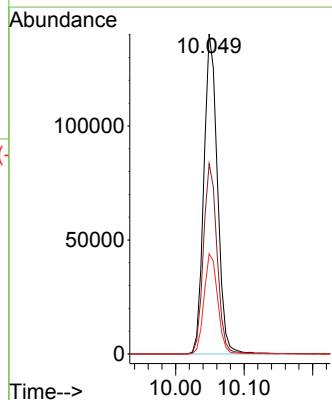
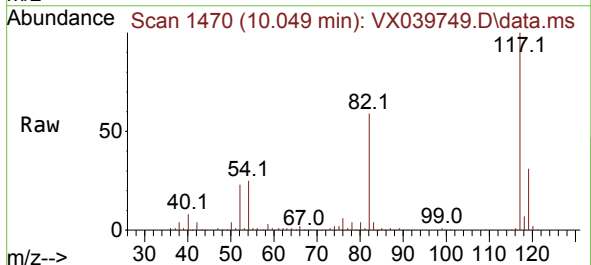
Instrument :
MSVOA_X
ClientSampleId :

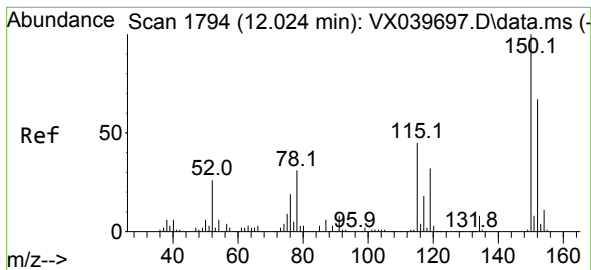
Tgt Ion: 95 Resp: 95658
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 66.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

Tgt Ion: 117 Resp: 194206
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

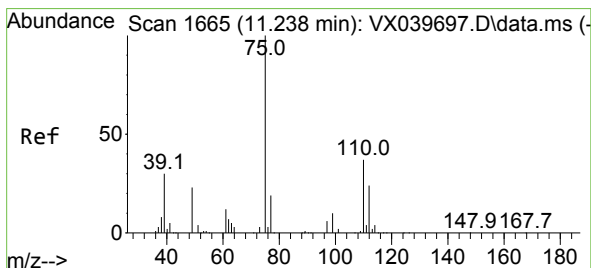
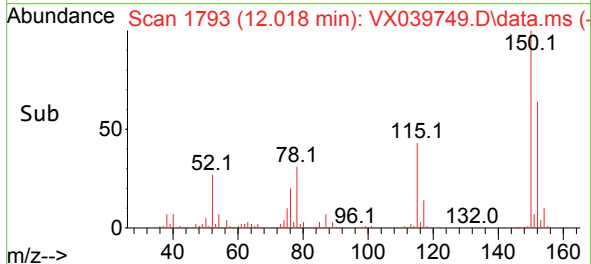
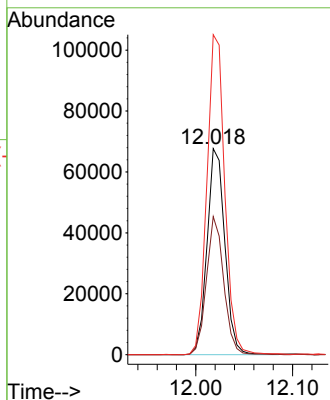
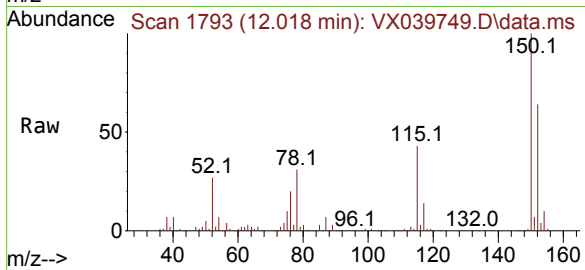
Tgt Ion:152 Resp: 86696

Ion Ratio Lower Upper

152 100

115 65.1 43.3 129.9

150 156.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.821 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039749.D

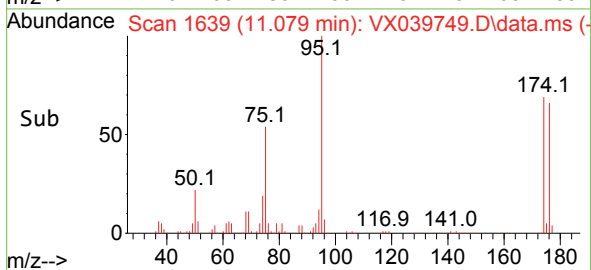
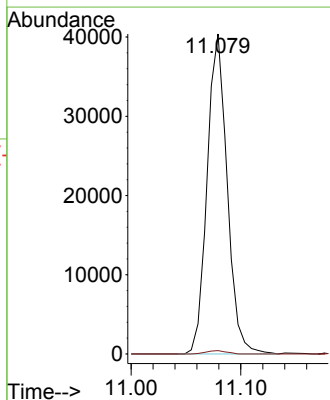
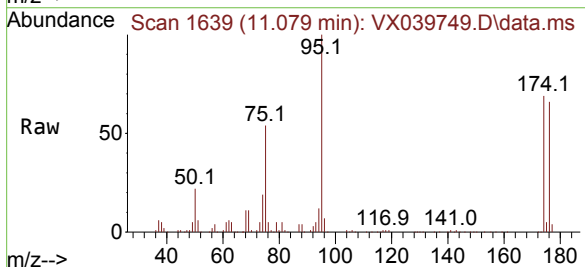
Acq: 15 Jan 2024 12:29

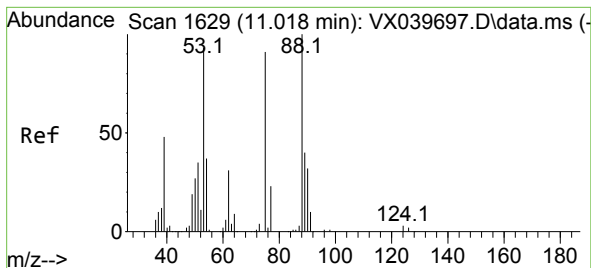
Tgt Ion: 75 Resp: 51294

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

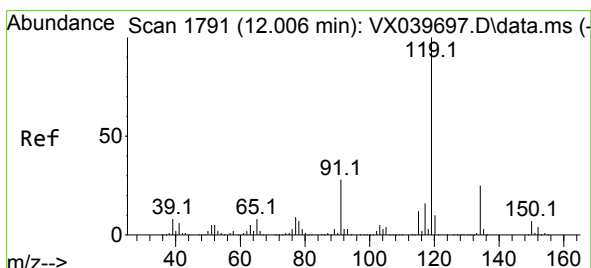
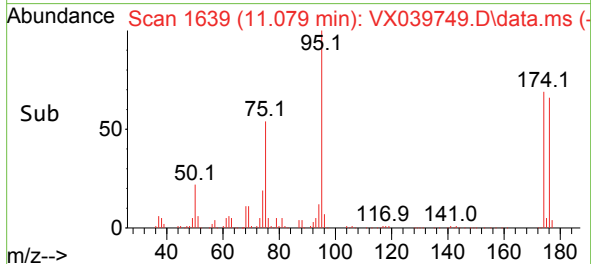
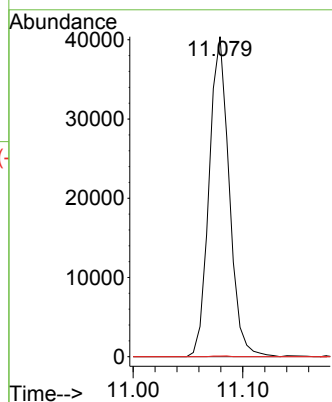
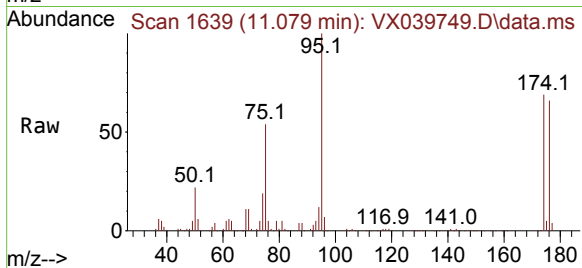




#81
trans-1,4-Dichloro-2-butene
Concen: 65.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

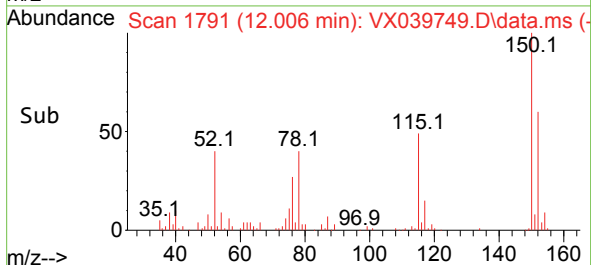
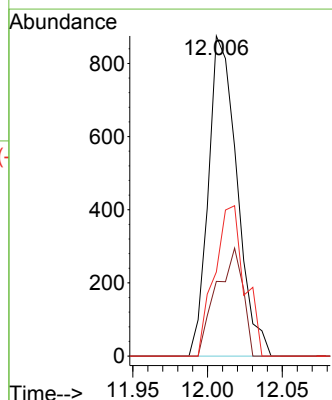
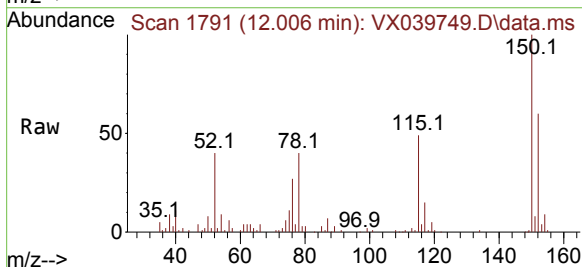
Instrument :
MSVOA_X
ClientSampleId :

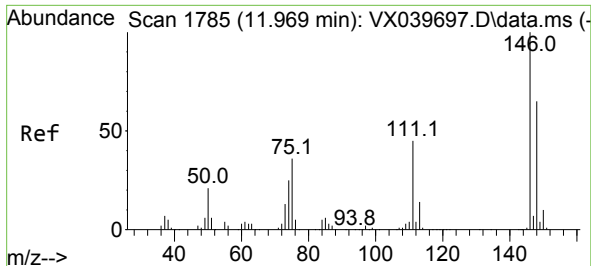
Tgt Ion: 75 Resp: 51294
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 36.9 55.3#



#86
p-Isopropyltoluene
Concen: 0.200 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX039749.D
Acq: 15 Jan 2024 12:29

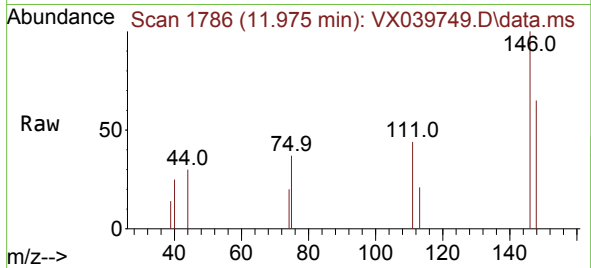
Tgt Ion: 119 Resp: 1164
Ion Ratio Lower Upper
119 100
134 31.3 12.8 38.3
91 49.1 13.1 39.3#



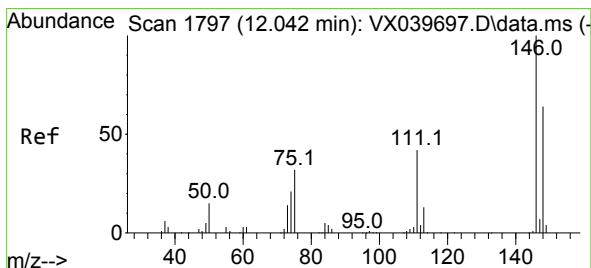
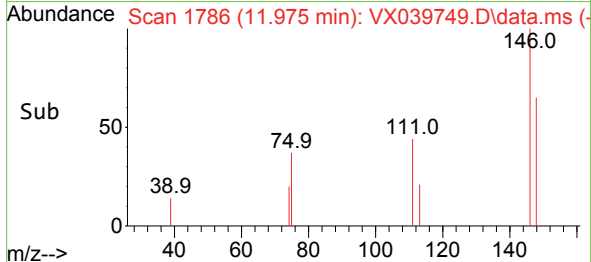
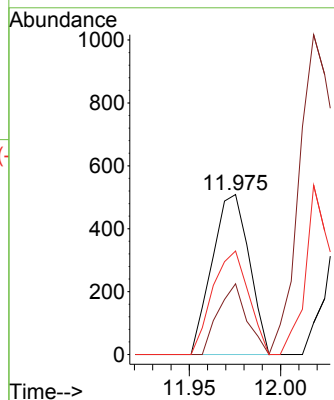


#87
 1,3-Dichlorobenzene
 Concen: 0.243 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX039749.D
 Acq: 15 Jan 2024 12:29

Instrument :
 MSVOA_X
 ClientSampleId :

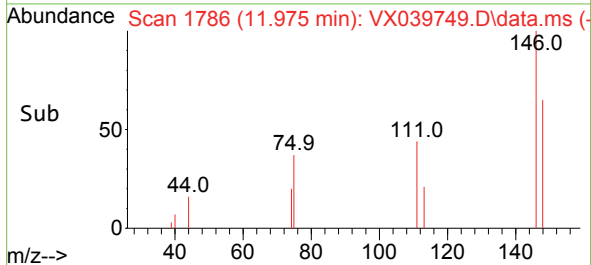
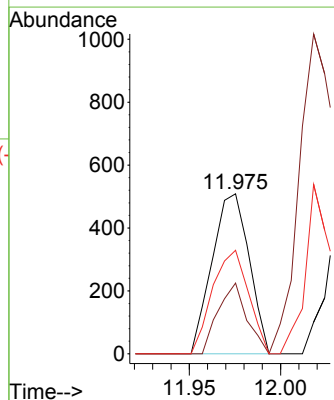
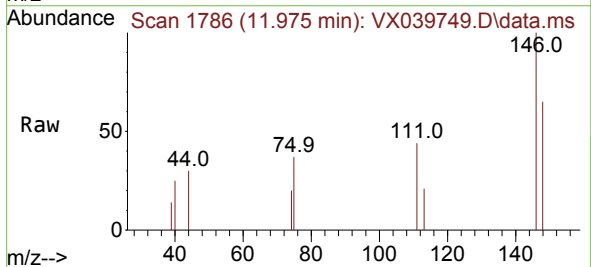


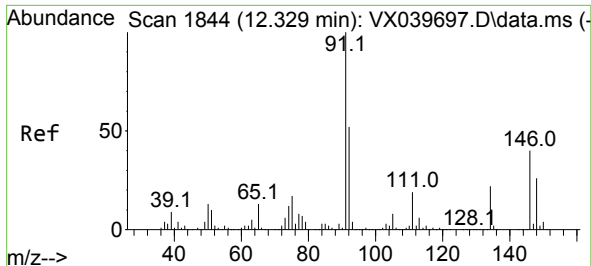
Tgt Ion:146 Resp: 717
 Ion Ratio Lower Upper
 146 100
 111 34.3 22.1 66.1
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.236 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. -0.067 min
 Lab File: VX039749.D
 Acq: 15 Jan 2024 12:29

Tgt Ion:146 Resp: 717
 Ion Ratio Lower Upper
 146 100
 111 34.3 21.3 63.7
 148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 0.310 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

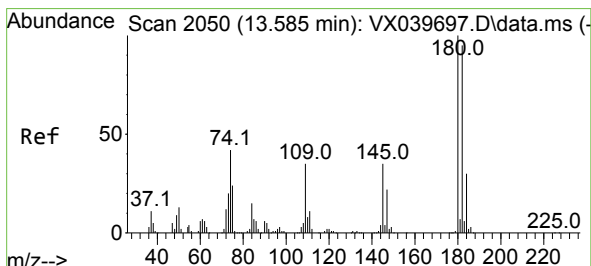
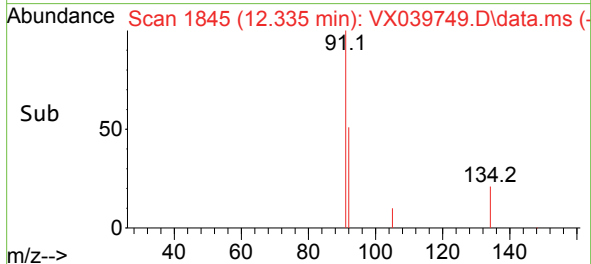
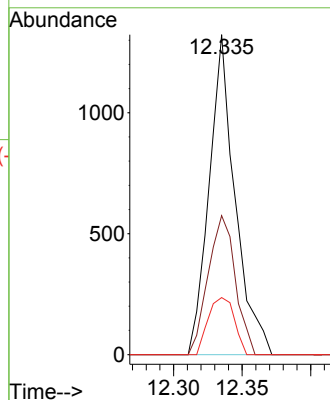
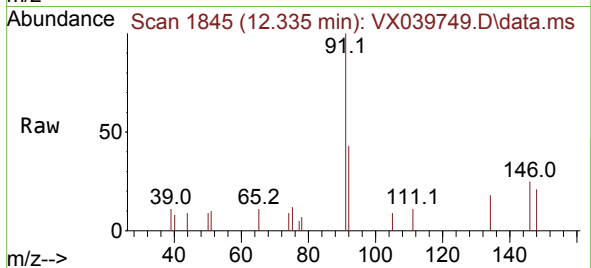
Tgt Ion: 91 Resp: 1739

Ion Ratio Lower Upper

91 100

92 45.7 27.4 82.0

134 18.1 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.557 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

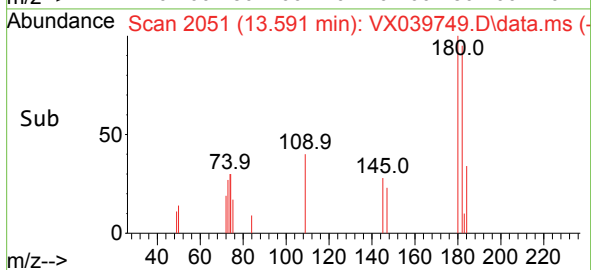
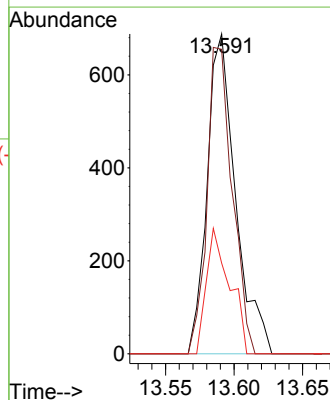
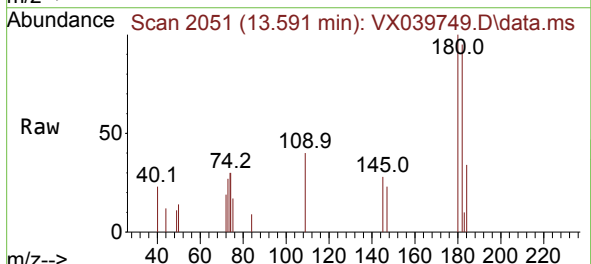
Tgt Ion: 180 Resp: 992

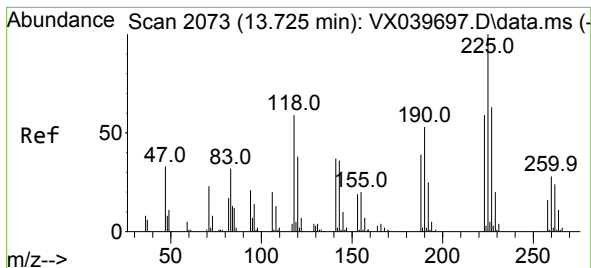
Ion Ratio Lower Upper

180 100

182 85.2 48.3 144.8

145 32.3 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.415 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039749.D

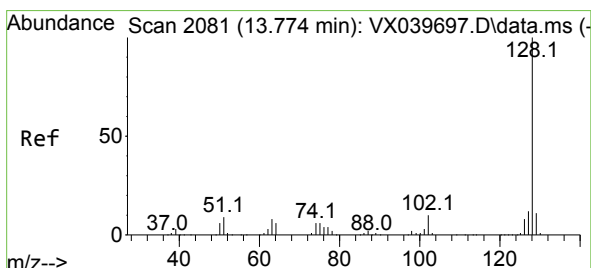
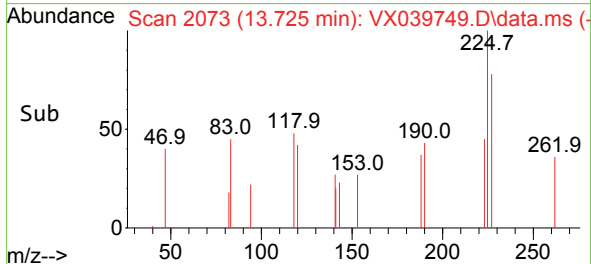
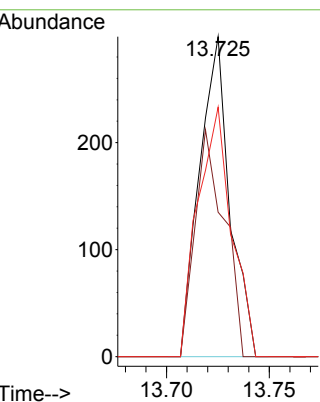
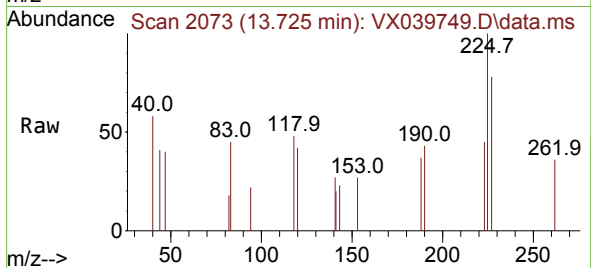
Acq: 15 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	225	Resp:	307
Ion	Ratio	Lower	Upper
225	100		
223	68.4	31.1	93.2
227	86.6	32.5	97.5



#95

Naphthalene

Concen: 0.617 ug/l

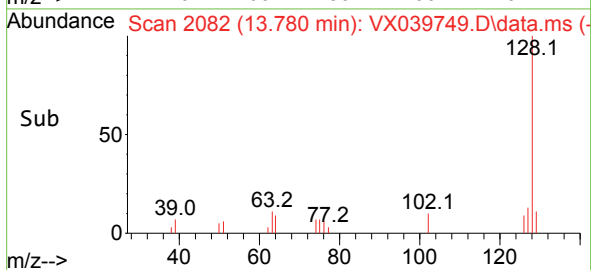
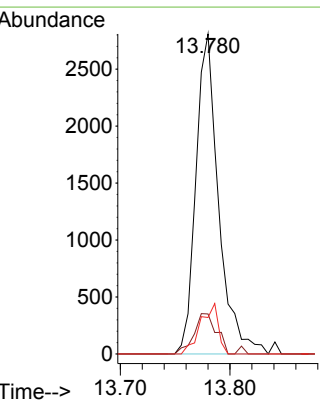
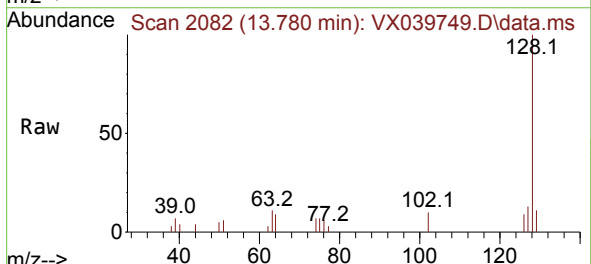
RT: 13.780 min Scan# 2082

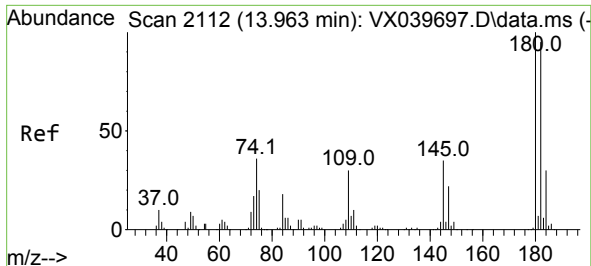
Delta R.T. 0.006 min

Lab File: VX039749.D

Acq: 15 Jan 2024 12:29

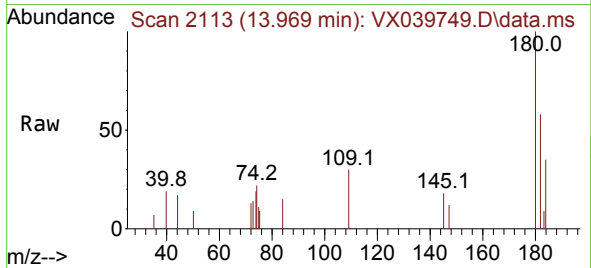
Tgt Ion:	128	Resp:	4042
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	12.4	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.538 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX039749.D
 Acq: 15 Jan 2024 12:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	967
Ion	Ratio	Lower	Upper
180	100		
182	90.4	46.9	140.6
145	32.2	17.8	53.5

