

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039954.D
 Acq On : 25 Jan 2024 15:18
 Operator : JC/MD
 Sample : P1218-05
 Misc : 1.12g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 01:34:40 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)

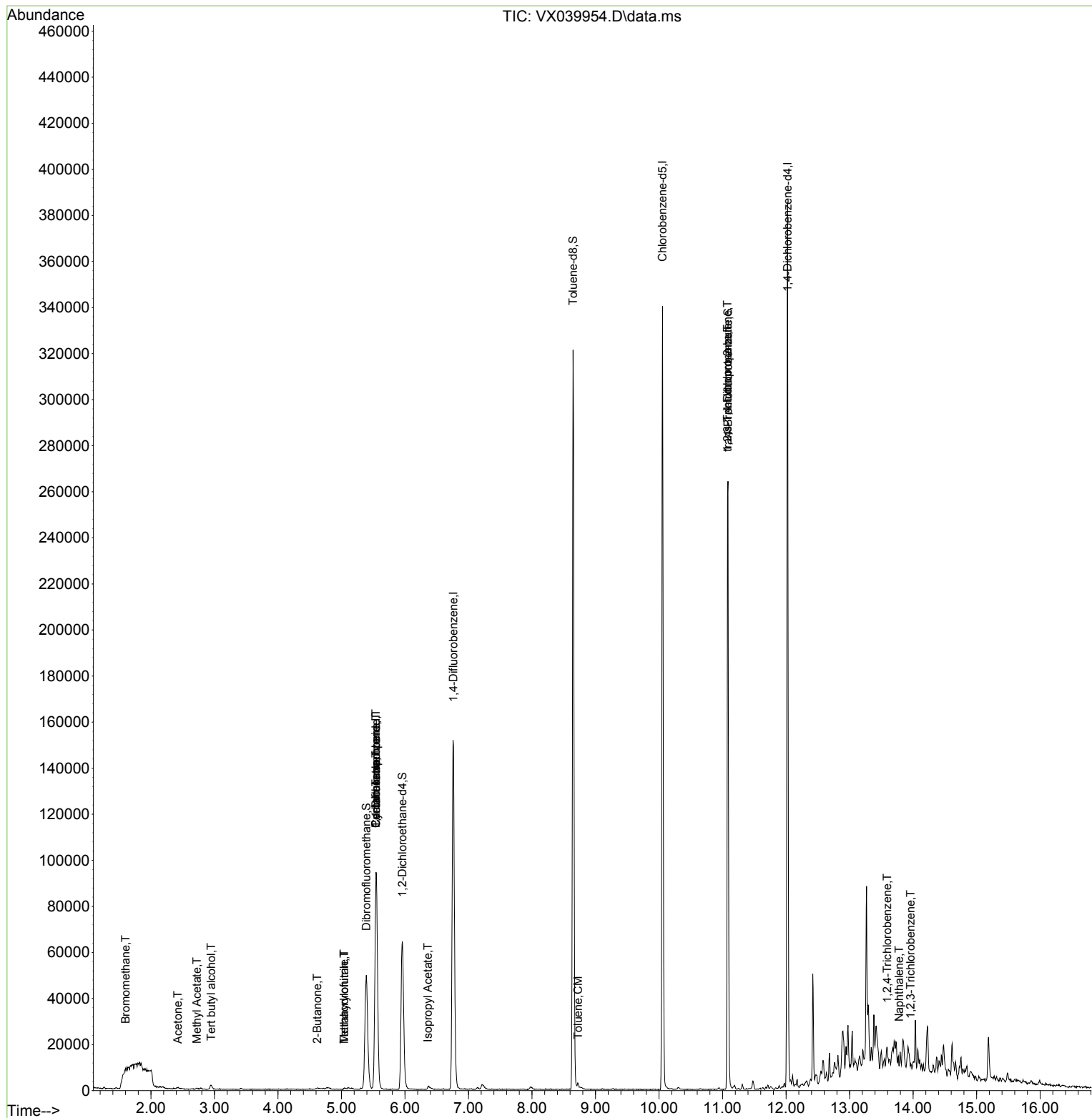
Internal Standards						
1) Pentafluorobenzene	5.544	168	83959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69230	49.224	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.440%
35) Dibromofluoromethane	5.391	113	45740	44.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.280%
50) Toluene-d8	8.647	98	186212	47.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.085	95	75631	49.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	485	0.726	ug/l	84
11) Tert butyl alcohol	2.947	59	1244	3.398	ug/l #	78
13) Acrolein	2.026	56	31	Below Cal	#	14
16) Acetone	2.422	43	1116	1.411	ug/l	99
18) Methyl Acetate	2.721	43	792	0.479	ug/l #	71
25) 2-Butanone	4.617	43	851	0.749	ug/l	99
29) Tetrahydrofuran	5.044	42	213	0.291	ug/l #	60
31) Cyclohexane	5.544	56	2321	1.250	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	8156	5.056	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9526	6.448	ug/l #	15
41) Methacrylonitrile	5.044	41	251	0.239	ug/l #	42
43) Isopropyl Acetate	6.361	43	876	0.277	ug/l #	62
52) Toluene	8.726	92	919	0.337	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	41287	22.305	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41287	64.632	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	347	0.237	ug/l #	35
95) Naphthalene	13.780	128	1365	0.253	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	345	0.233	ug/l #	28

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

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Quant Time: Jan 26 01:34:40 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# 731

Delta R.T. -0.006 min

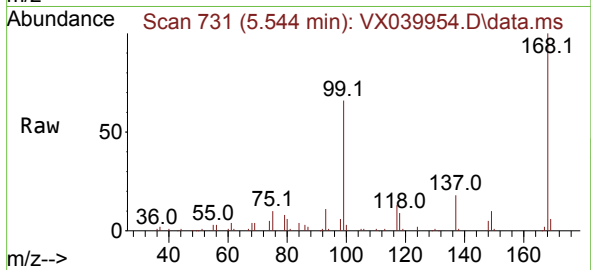
Lab File: VX039954.D

Acq: 25 Jan 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

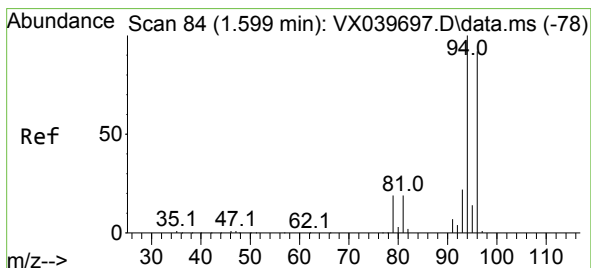
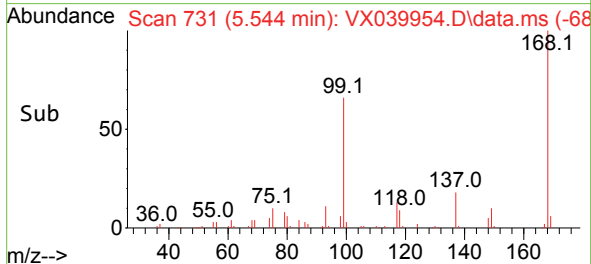
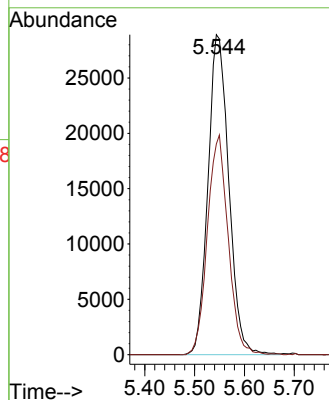


Tgt Ion:168 Resp: 83959

Ion Ratio Lower Upper

168 100

99 65.8 56.6 85.0



#5

Bromomethane

Concen: 0.726 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX039954.D

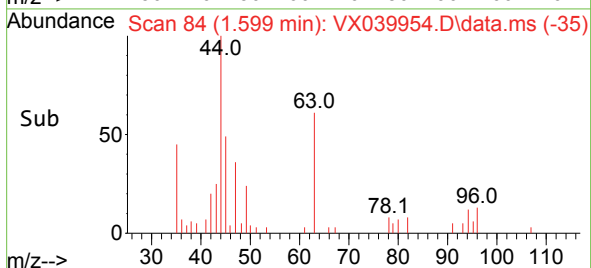
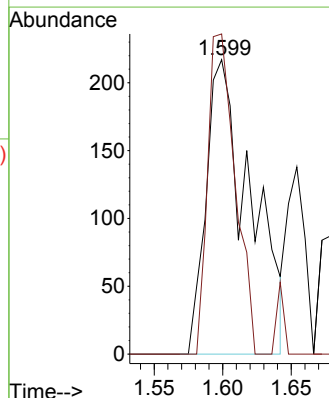
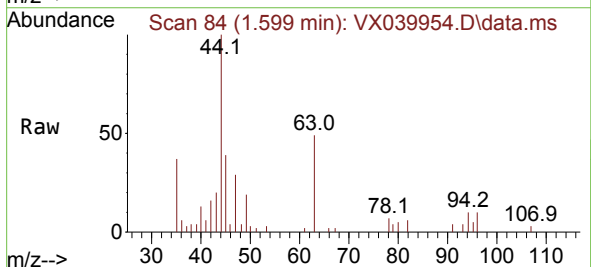
Acq: 25 Jan 2024 15:18

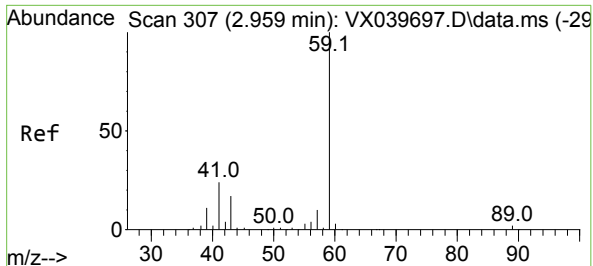
Tgt Ion: 94 Resp: 485

Ion Ratio Lower Upper

94 100

96 108.8 74.6 111.8





#11

Tert butyl alcohol

Concen: 3.398 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX039954.D

Acq: 25 Jan 2024 15:18

Instrument :

MSVOA_X

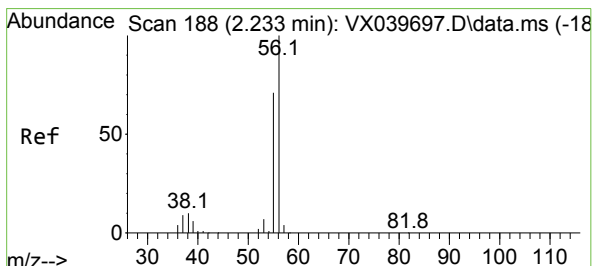
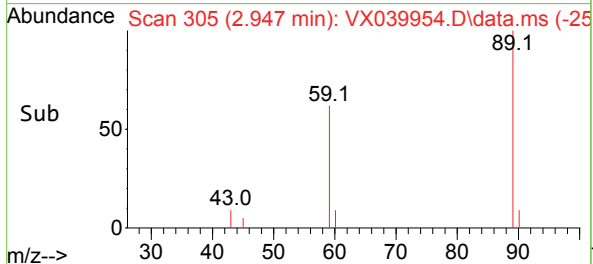
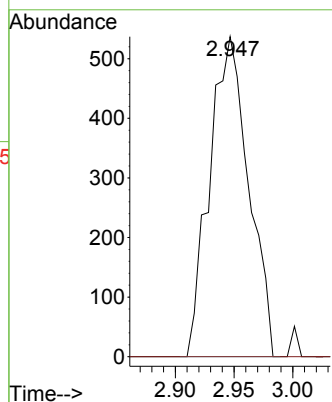
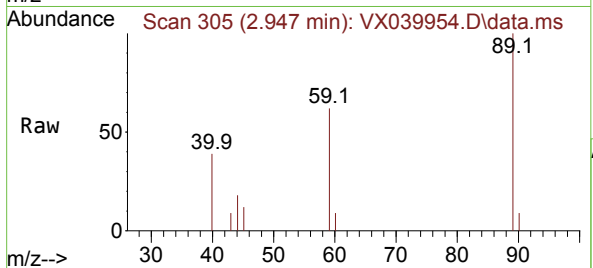
ClientSampleId :

Tgt Ion: 59 Resp: 1244

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: Below Cal

RT: 2.026 min Scan# 154

Delta R.T. -0.207 min

Lab File: VX039954.D

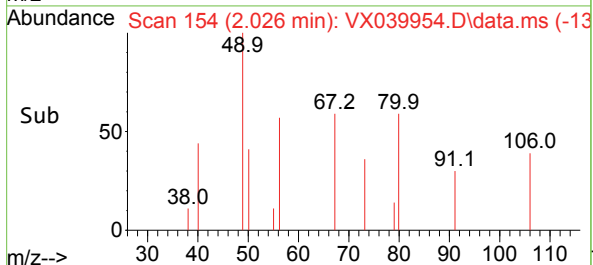
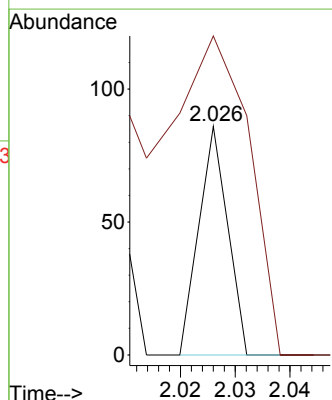
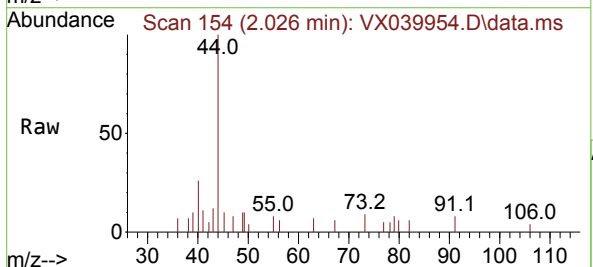
Acq: 25 Jan 2024 15:18

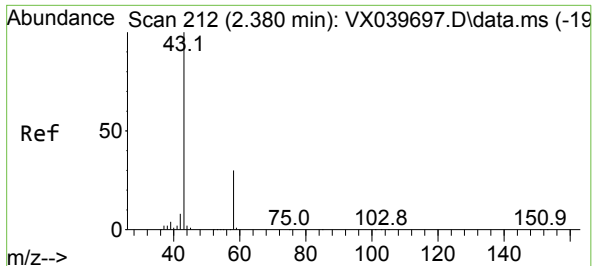
Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

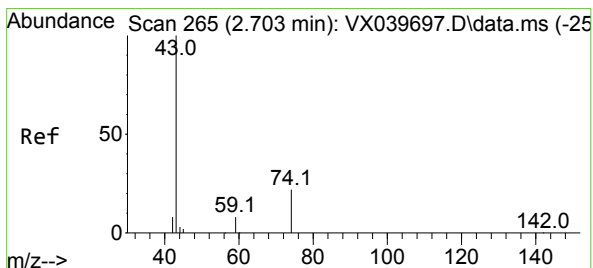
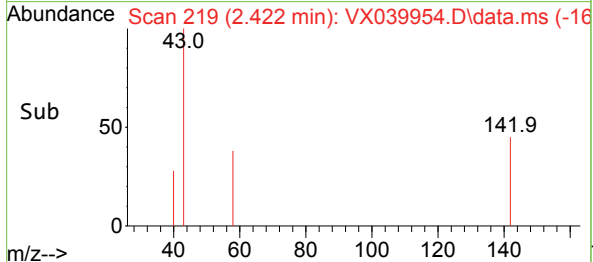
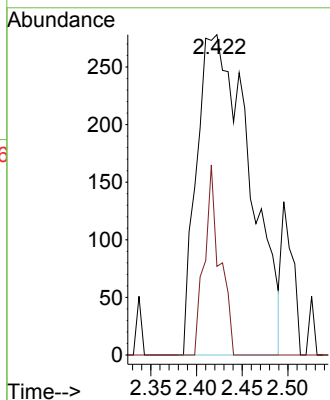
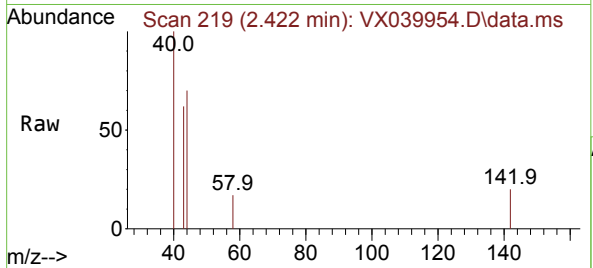




#16
Acetone
Concen: 1.411 ug/l
RT: 2.422 min Scan# 211
Delta R.T. 0.043 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

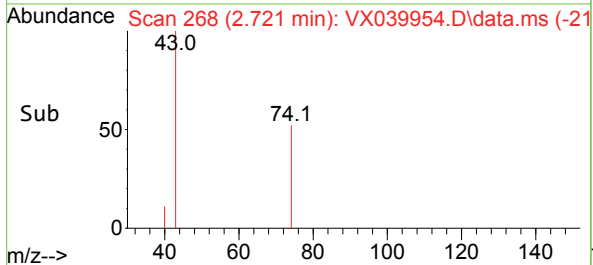
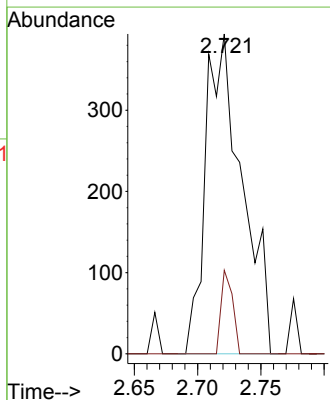
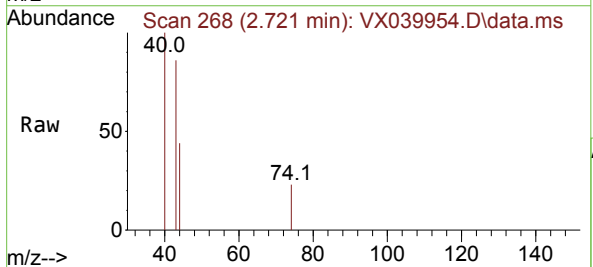
Instrument :
MSVOA_X
ClientSampleId :

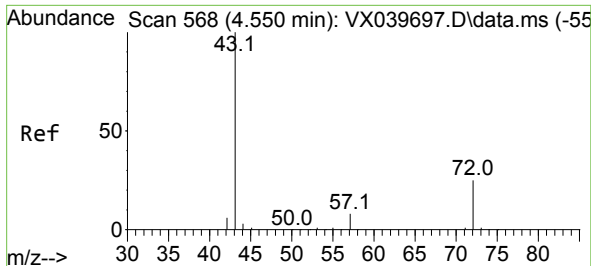
Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 27.7 21.9 32.9



#18
Methyl Acetate
Concen: 0.479 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
74 8.2 17.8 26.8#





#25

2-Butanone

Concen: 0.749 ug/l

RT: 4.617 min Scan# 5

Delta R.T. 0.067 min

Lab File: VX039954.D

Acq: 25 Jan 2024 15:18

Instrument :

MSVOA_X

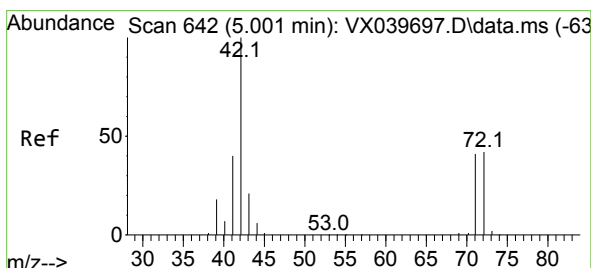
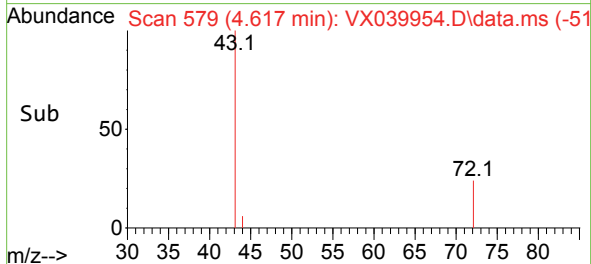
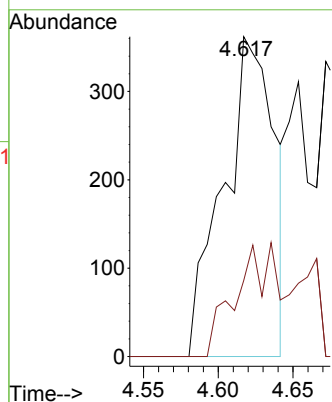
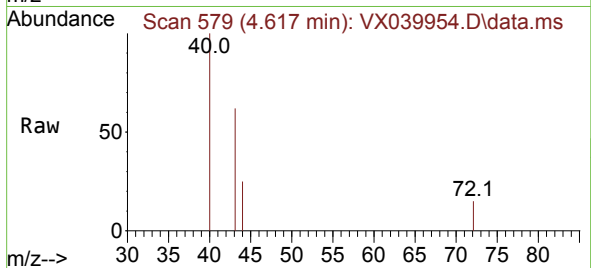
ClientSampleId :

Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

43 100

72 23.8 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.291 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.043 min

Lab File: VX039954.D

Acq: 25 Jan 2024 15:18

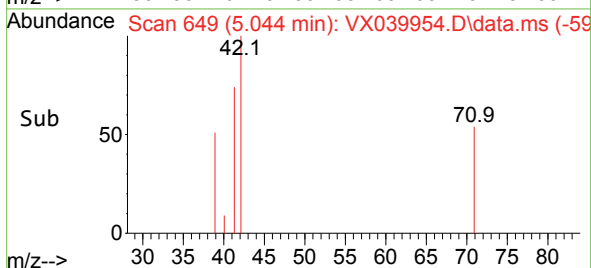
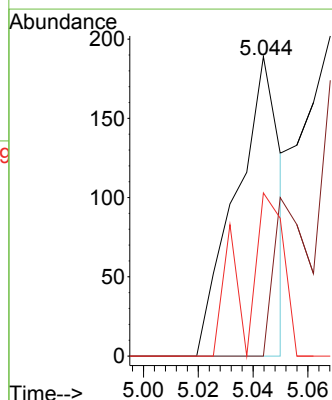
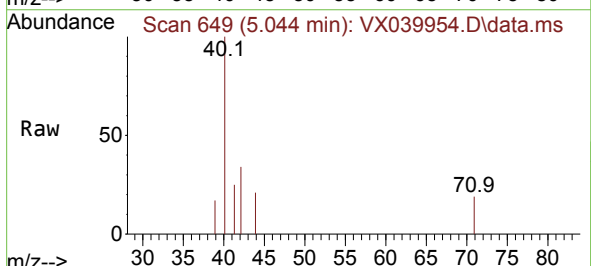
Tgt Ion: 42 Resp: 213

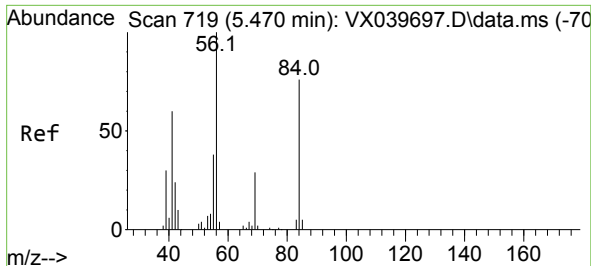
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

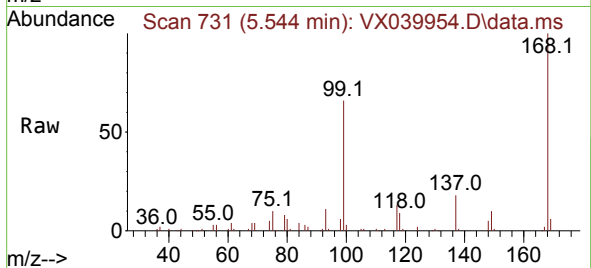
71 46.9 32.2 48.2



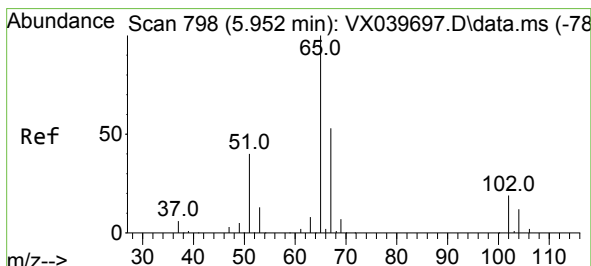
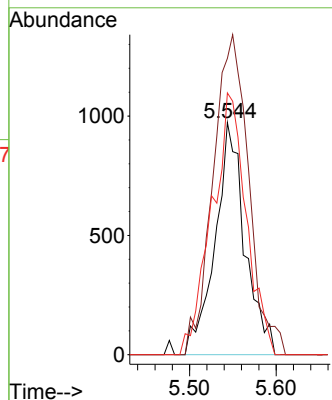
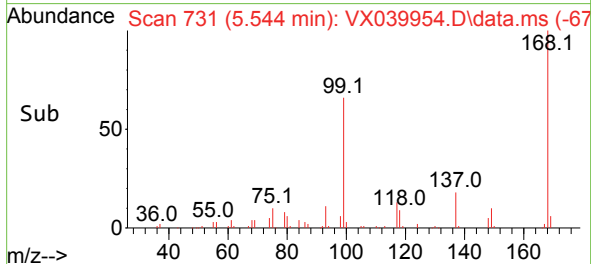


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :

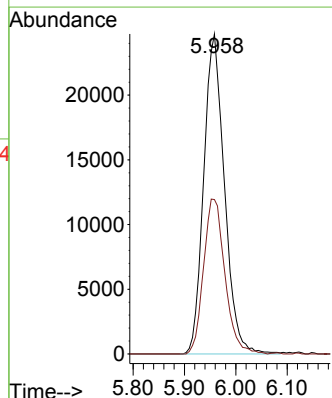
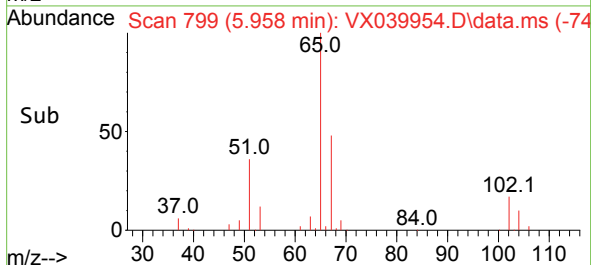
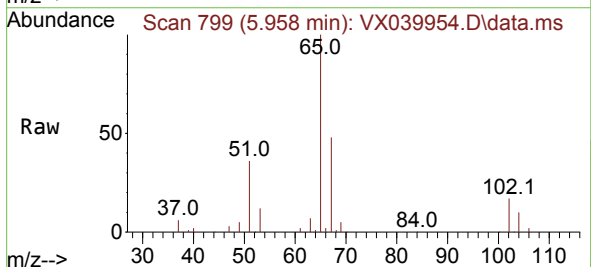


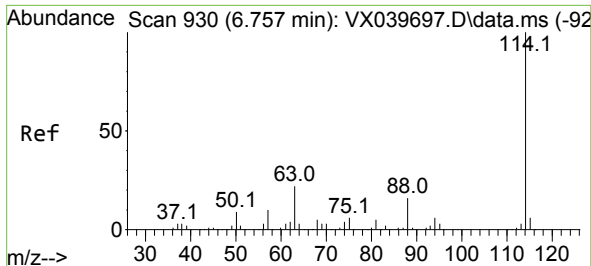
Tgt Ion: 56 Resp: 2321
Ion Ratio Lower Upper
56 100
69 127.6 23.4 35.2#
84 112.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.224 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

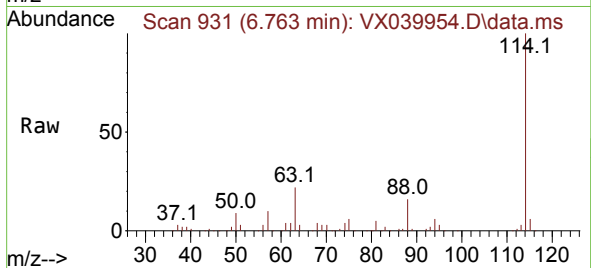
Tgt Ion: 65 Resp: 69230
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.2



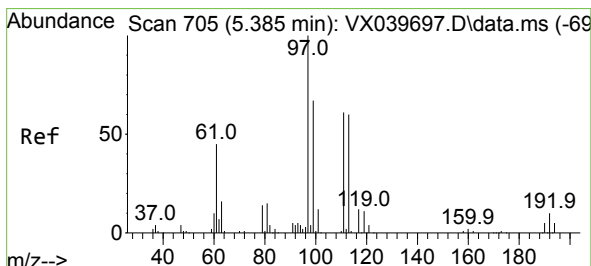
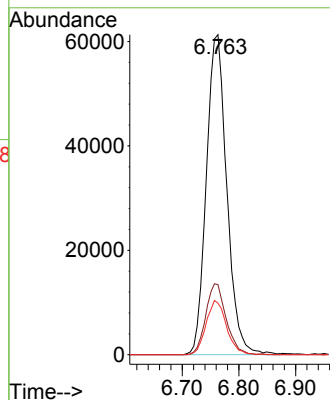
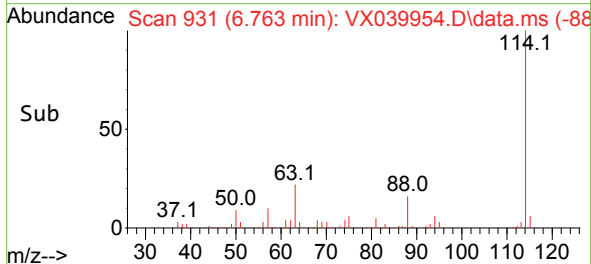


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :

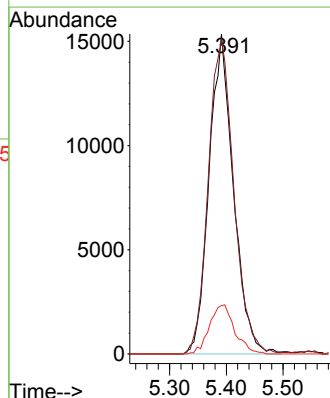
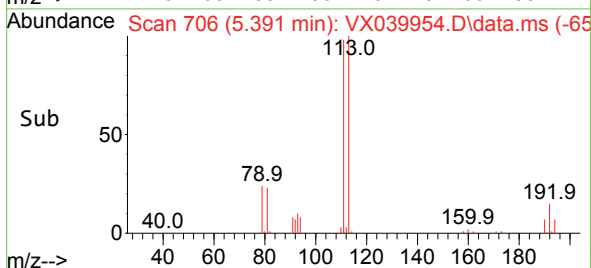
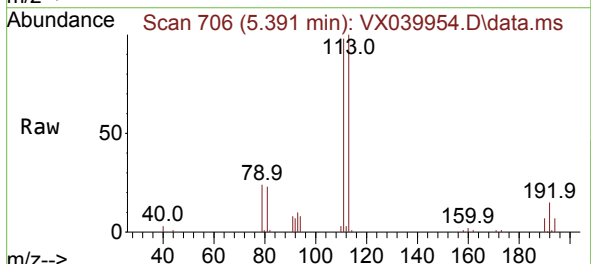


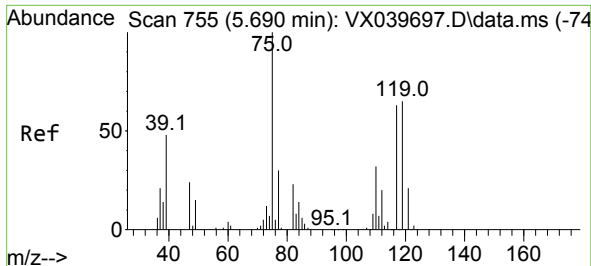
Tgt Ion:114 Resp: 153861
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.137 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Tgt Ion:113 Resp: 45740
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.0 13.3 19.9

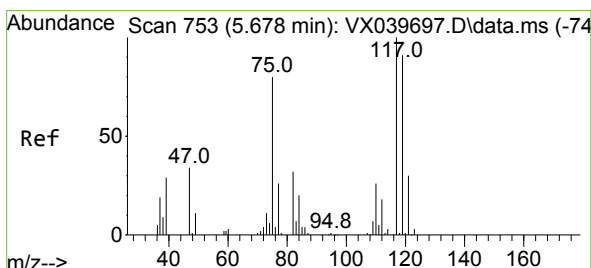
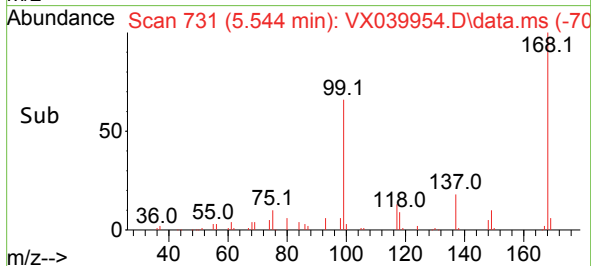
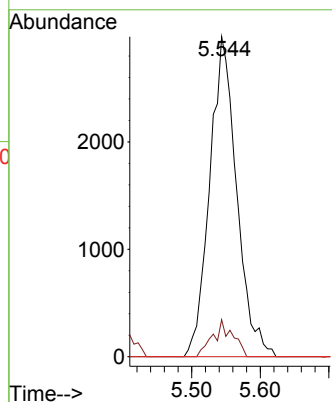
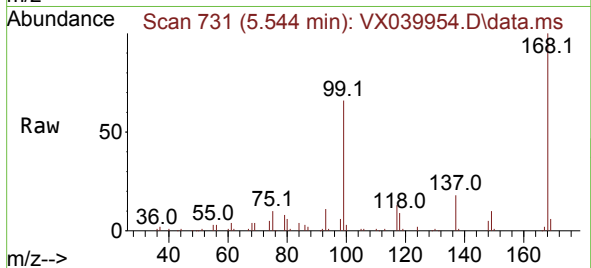




#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

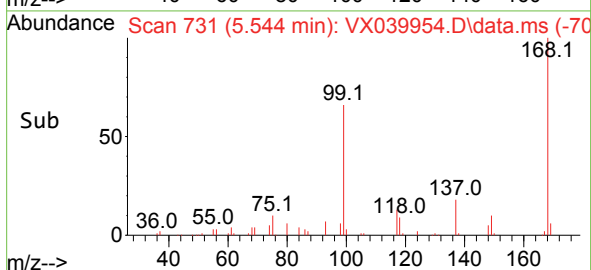
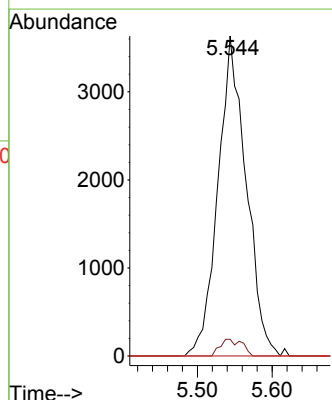
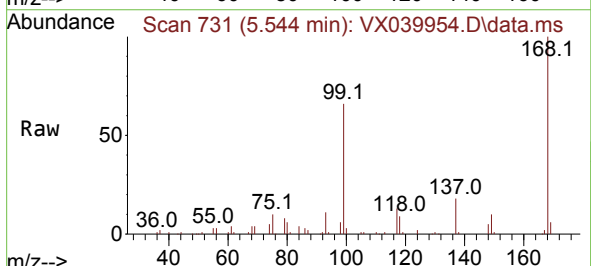
Instrument :
MSVOA_X
ClientSampleId :

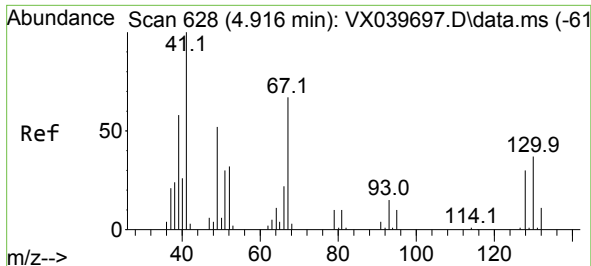
Tgt Ion: 75 Resp: 8156
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.448 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

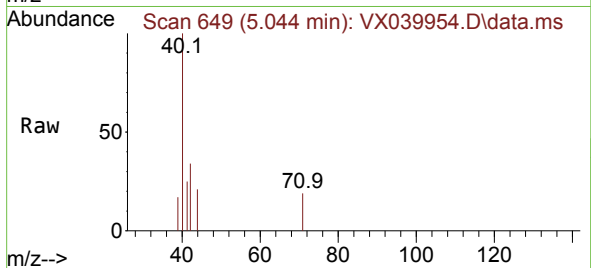
Tgt Ion: 117 Resp: 9526
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



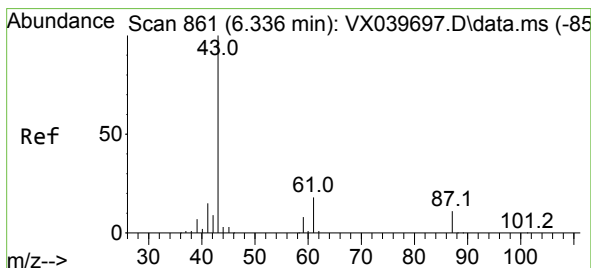
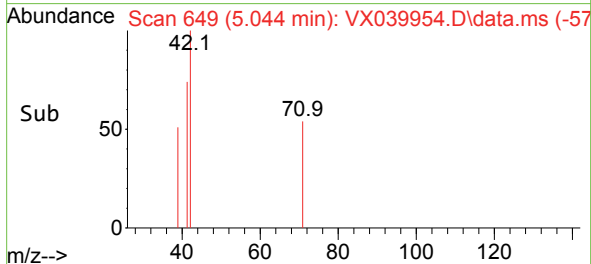
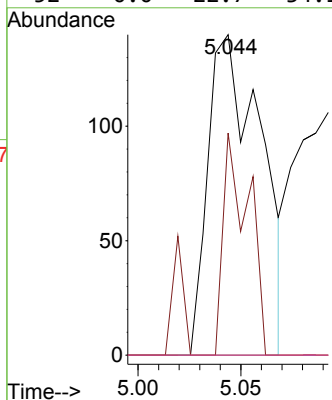


#41
Methacrylonitrile
Concen: 0.239 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.128 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :

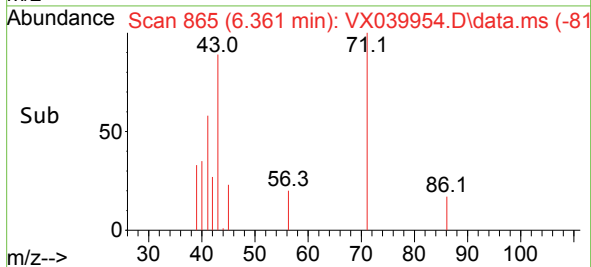
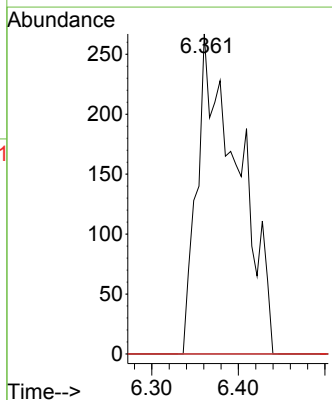
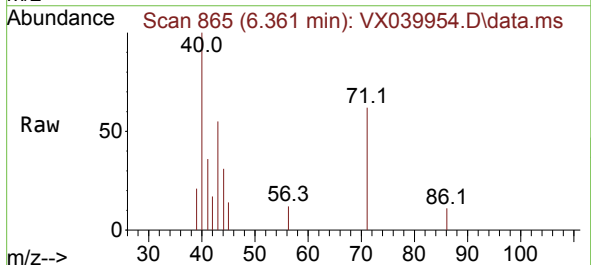


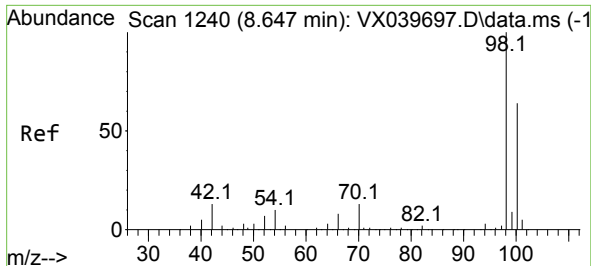
Tgt Ion:	41	Resp:	251
Ion	Ratio	Lower	Upper
41	100		
39	33.5	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#43
Isopropyl Acetate
Concen: 0.277 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.024 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Tgt Ion:	43	Resp:	876
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.2	22.8#
87	0.0	9.8	14.6#

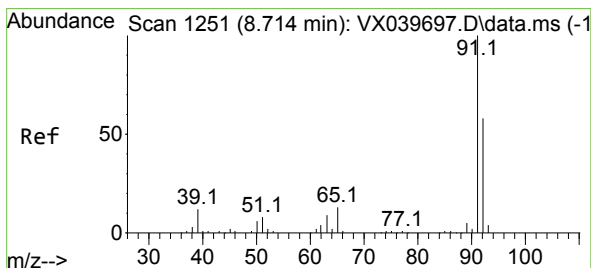
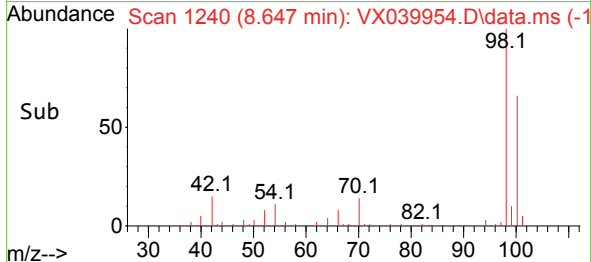
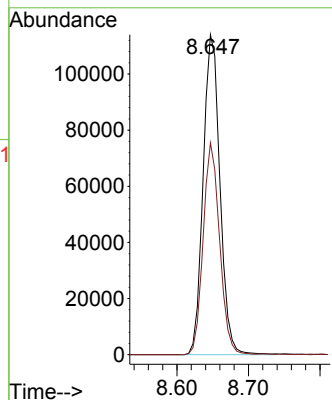
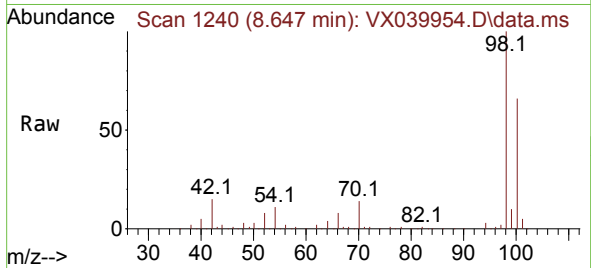




#50
Toluene-d8
Concen: 47.642 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

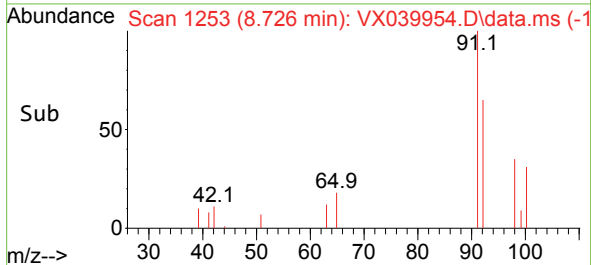
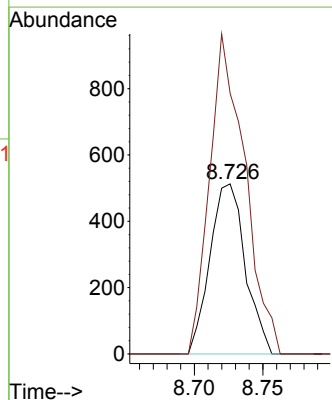
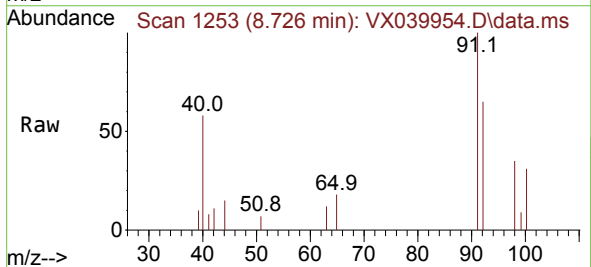
Instrument :
MSVOA_X
ClientSampleId :

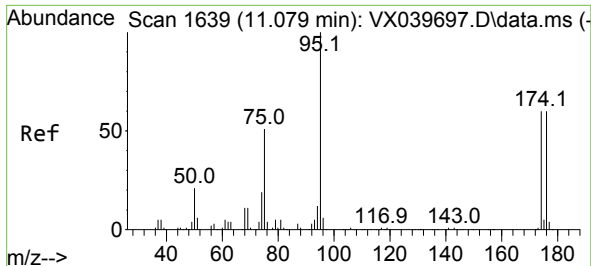
Tgt Ion: 98 Resp: 186212
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#52
Toluene
Concen: 0.337 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Tgt Ion: 92 Resp: 919
Ion Ratio Lower Upper
92 100
91 187.9 134.2 201.2

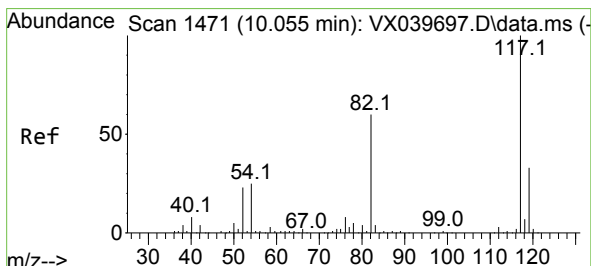
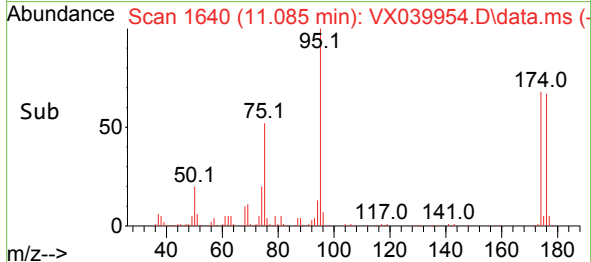
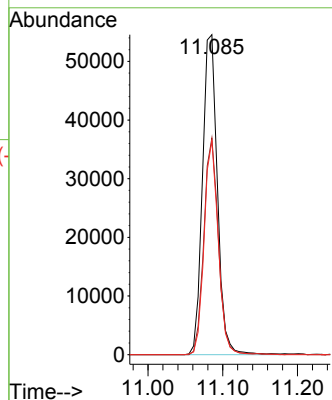
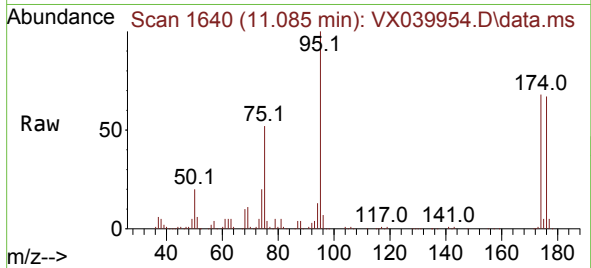




#62
4-Bromofluorobenzene
Concen: 49.483 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

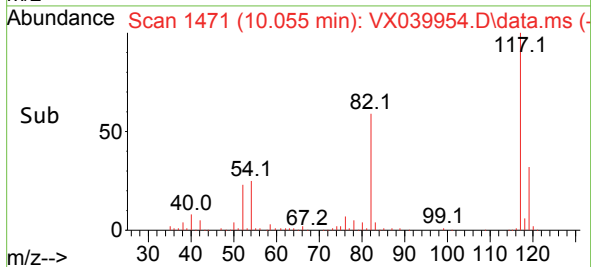
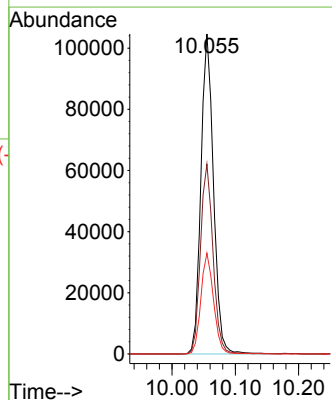
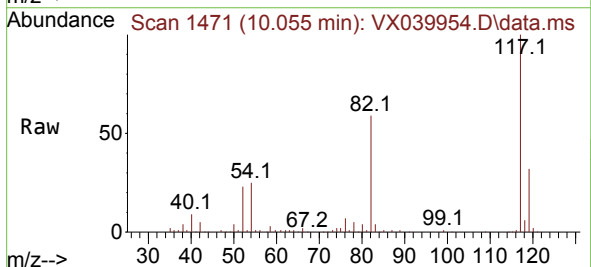
Instrument :
MSVOA_X
ClientSampleId :

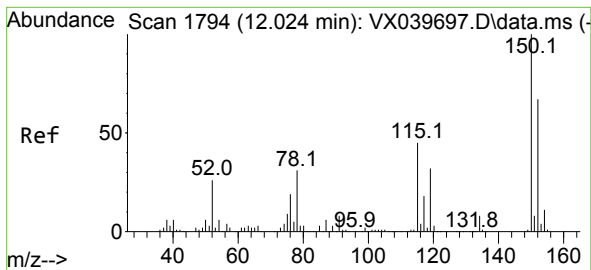
Tgt Ion: 95 Resp: 75631
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.6
176 63.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Tgt Ion: 117 Resp: 144950
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039954.D

Acq: 25 Jan 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

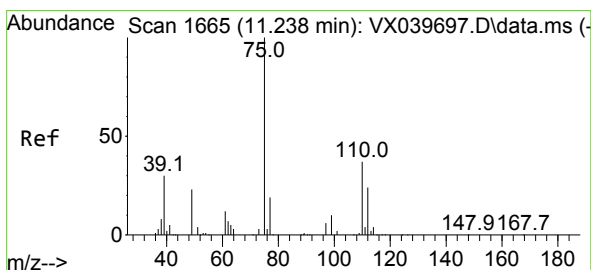
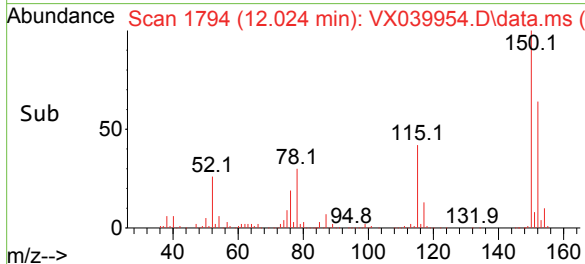
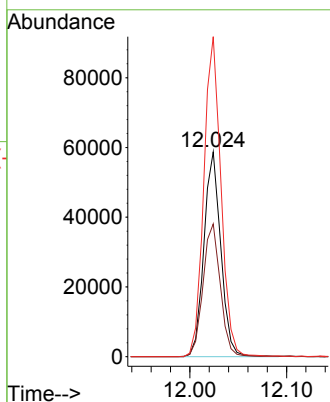
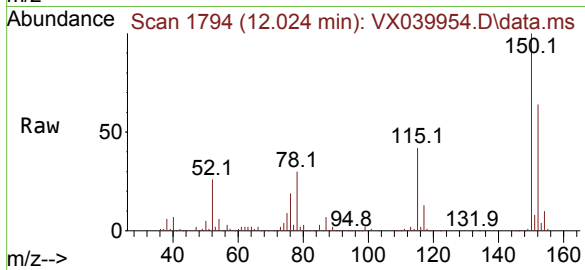
Tgt Ion:152 Resp: 71396

Ion Ratio Lower Upper

152 100

115 66.6 43.3 129.9

150 158.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.305 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039954.D

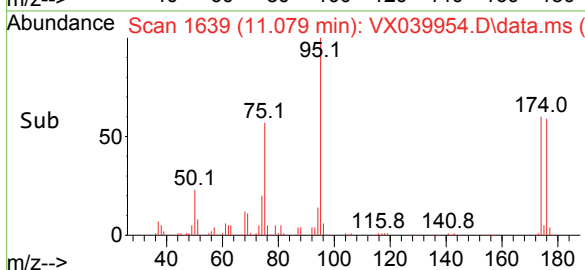
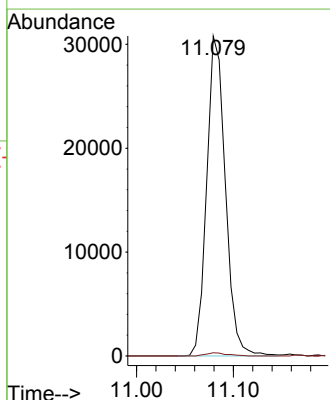
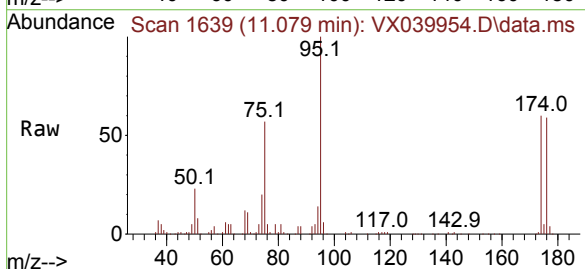
Acq: 25 Jan 2024 15:18

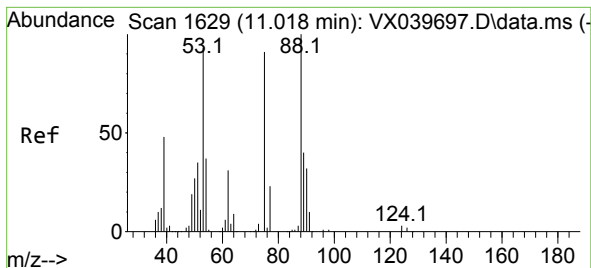
Tgt Ion: 75 Resp: 41287

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

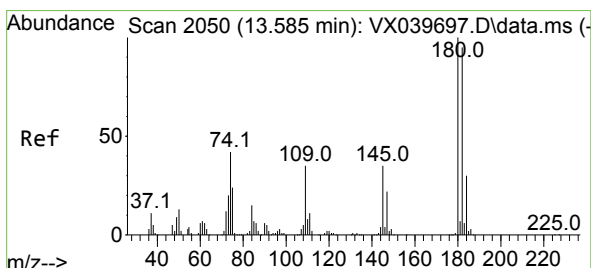
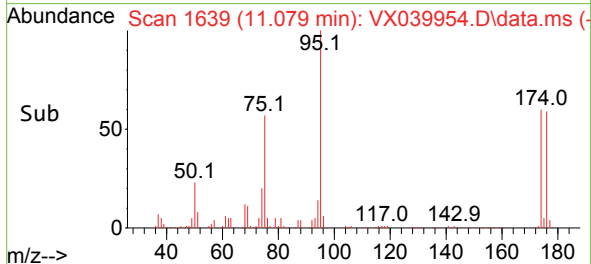
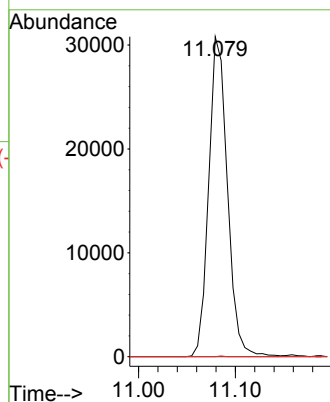
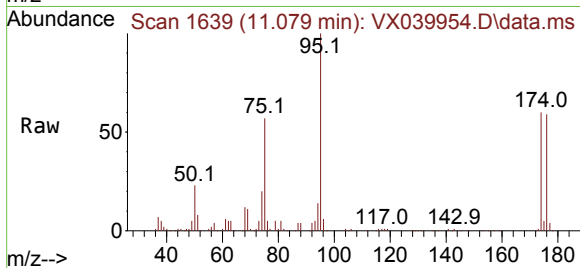




#81
trans-1,4-Dichloro-2-butene
Concen: 64.632 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

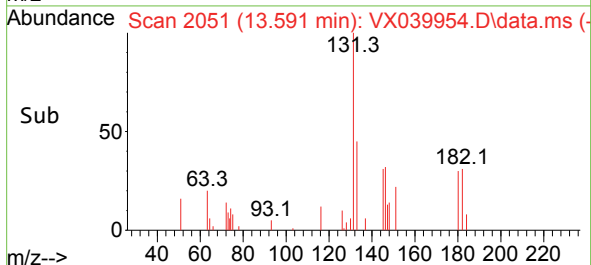
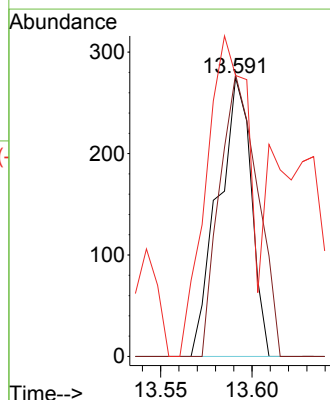
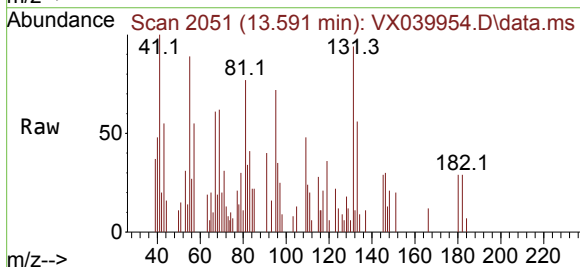
Instrument :
MSVOA_X
ClientSampleId :

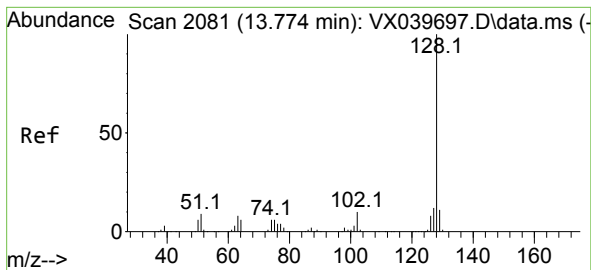
Tgt Ion: 75 Resp: 41287
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.237 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039954.D
Acq: 25 Jan 2024 15:18

Tgt Ion:180 Resp: 347
Ion Ratio Lower Upper
180 100
182 115.9 48.3 144.8
145 146.1 18.0 54.0#





#95

Naphthalene

Concen: 0.253 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

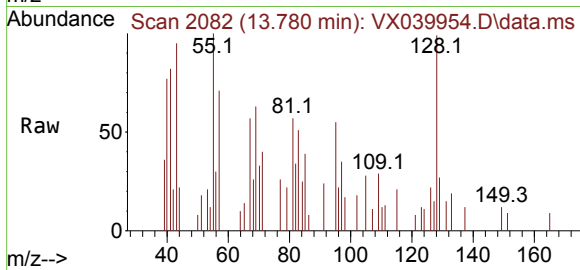
Lab File: VX039954.D

Acq: 25 Jan 2024 15:18

Instrument :

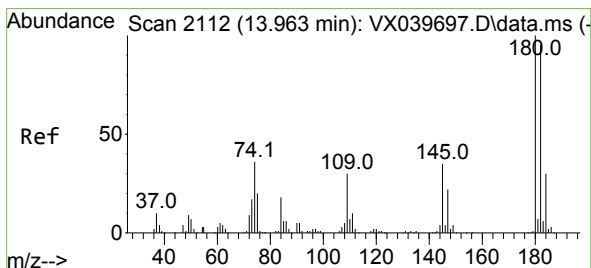
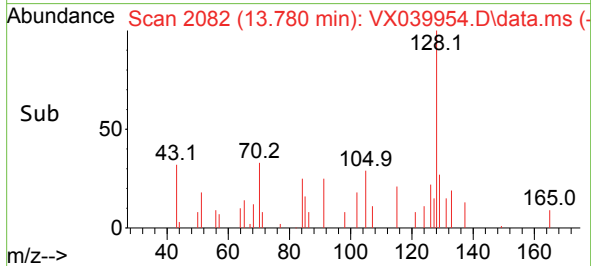
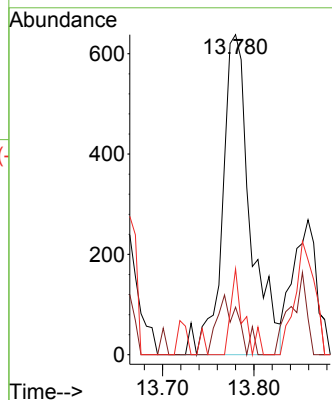
MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1365

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	12.0	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.233 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039954.D

Acq: 25 Jan 2024 15:18

Tgt Ion:180 Resp: 345

Ion	Ratio	Lower	Upper
180	100		
182	50.4	46.9	140.6
145	119.4	17.8	53.5#

