

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039957.D
 Acq On : 25 Jan 2024 16:27
 Operator : JC/MD
 Sample : P1235-06DL 4X
 Misc : 5.05g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 01:36:01 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

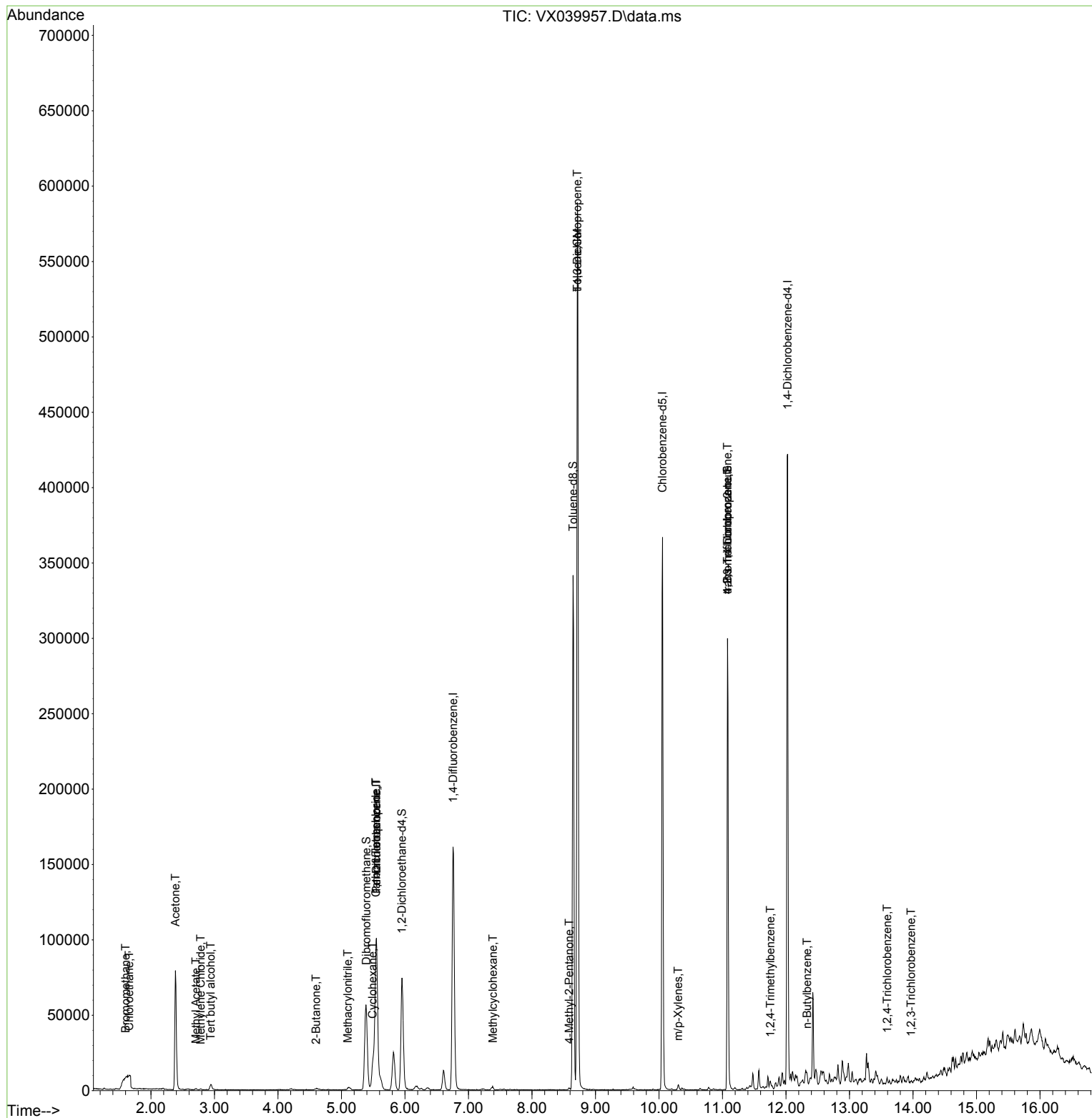
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	87836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71010	48.261	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.391	113	49705	46.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.600%		
50) Toluene-d8	8.647	98	195721	48.343	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	78659	49.684	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.360%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	383	0.548	ug/l #	78
6) Chloroethane	1.654	64	187	0.269	ug/l #	43
11) Tert butyl alcohol	2.941	59	2565	6.697	ug/l #	78
16) Acetone	2.386	43	86284	104.271	ug/l	92
18) Methyl Acetate	2.709	43	1073	0.620	ug/l #	89
20) Methylene Chloride	2.782	84	303	0.242	ug/l #	89
25) 2-Butanone	4.599	43	995	0.837	ug/l	97
31) Cyclohexane	5.489	56	5066	2.609	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	8228	4.924	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9978	6.520	ug/l #	15
39) Methylcyclohexane	7.385	83	852	0.425	ug/l #	73
41) Methacrylonitrile	5.099	41	510	0.468	ug/l #	33
51) 4-Methyl-2-Pentanone	8.586	43	1014	0.450	ug/l #	76
52) Toluene	8.714	92	219582	77.701	ug/l	95
53) t-1,3-Dichloropropene	8.714	75	2854	1.657	ug/l #	1
68) m/p-Xylenes	10.299	106	903	0.414	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	42327	20.125	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	42327	58.972	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1545	0.282	ug/l	98
89) n-Butylbenzene	12.329	91	1514	0.289	ug/l #	70
93) 1,2,4-Trichlorobenzene	13.591	180	422	0.253	ug/l #	83
96) 1,2,3-Trichlorobenzene	13.969	180	409	0.243	ug/l #	48

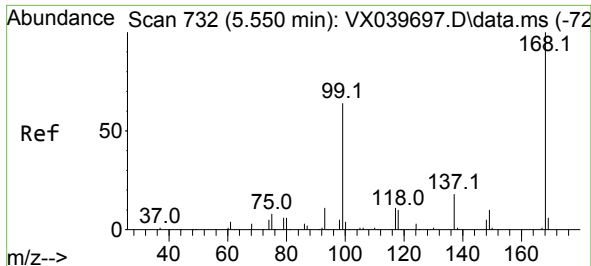
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
Data File : VX039957.D
Acq On : 25 Jan 2024 16:27
Operator : JC/MD
Sample : P1235-06DL 4X
Misc : 5.05g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

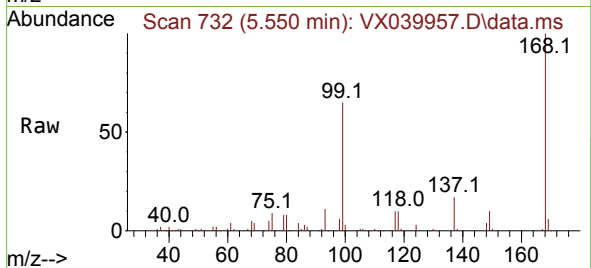
Quant Time: Jan 26 01:36:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



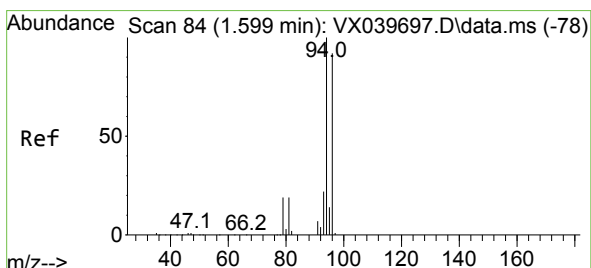
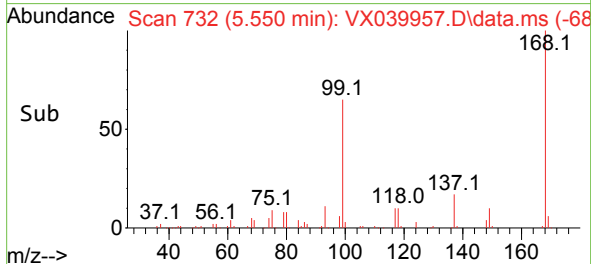
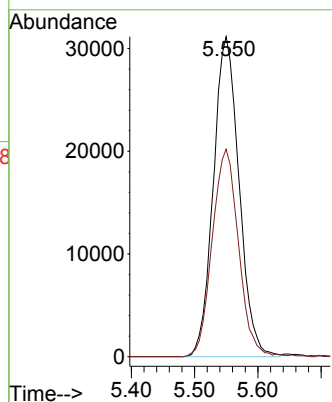


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

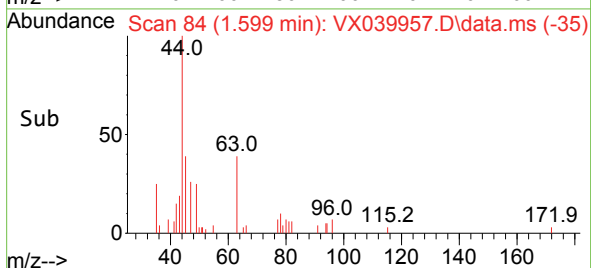
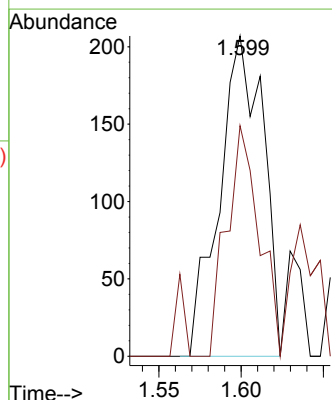
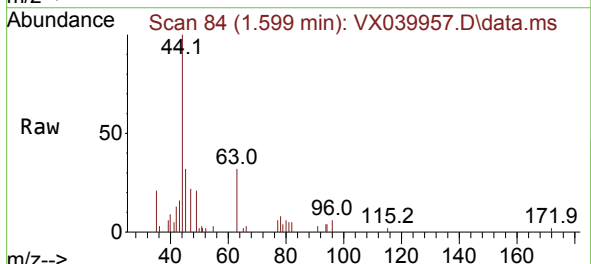


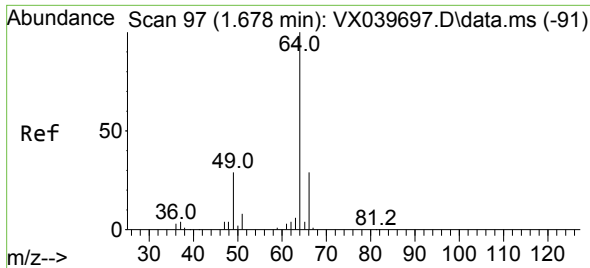
Tgt Ion:168 Resp: 87836
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#5
Bromomethane
Concen: 0.548 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

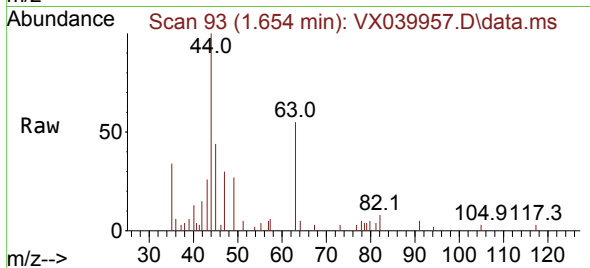
Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 72.0 74.6 111.8#



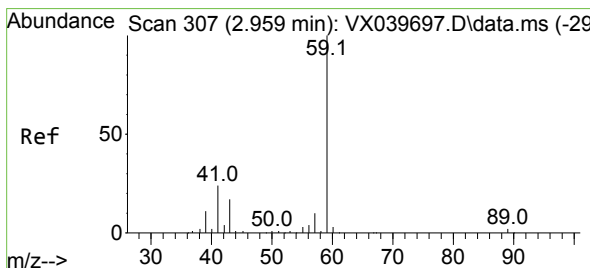
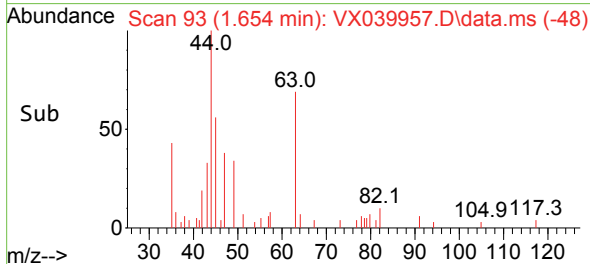
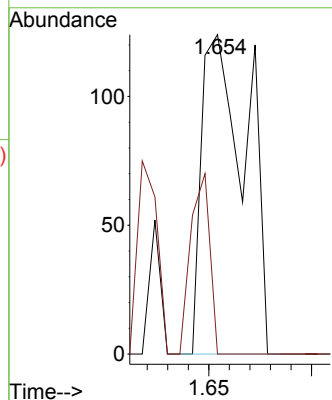


#6
Chloroethane
Concen: 0.269 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

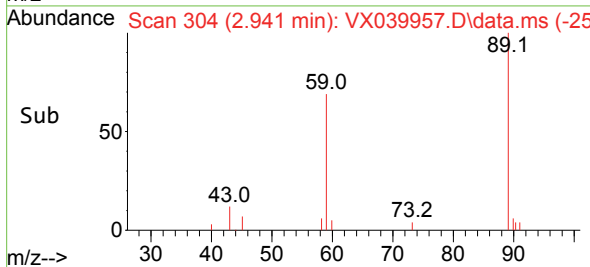
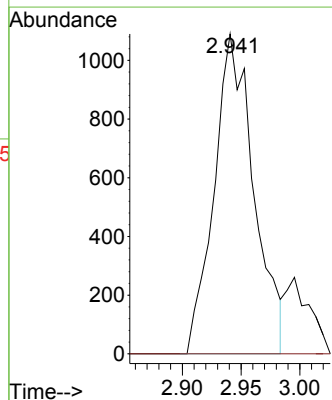
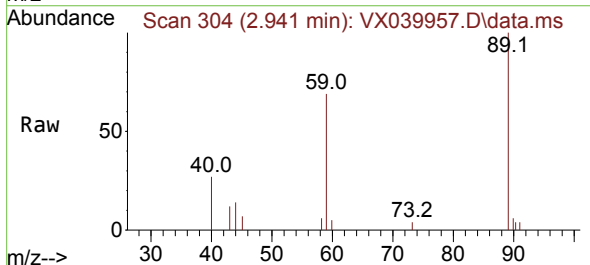


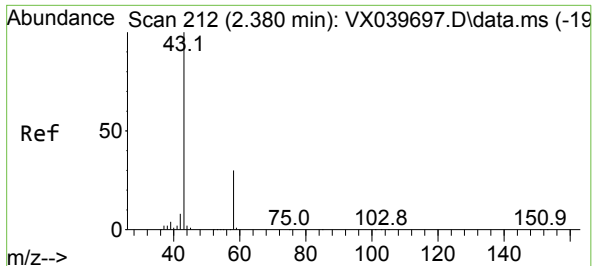
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 6.697 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 59 Resp: 2565
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

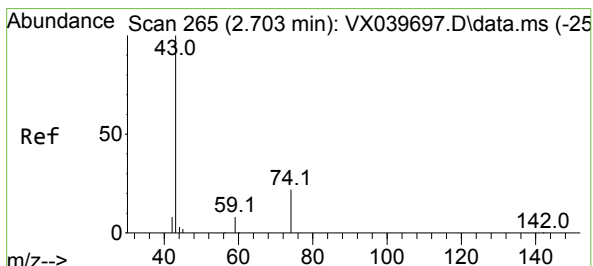
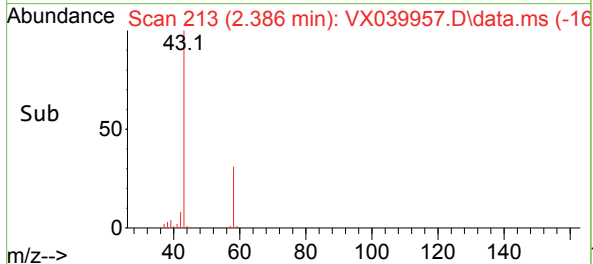
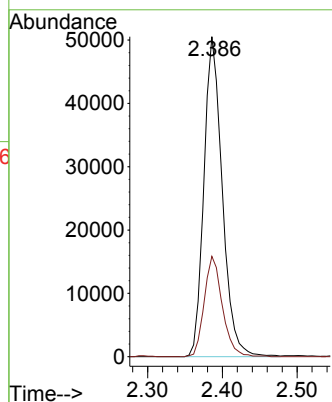
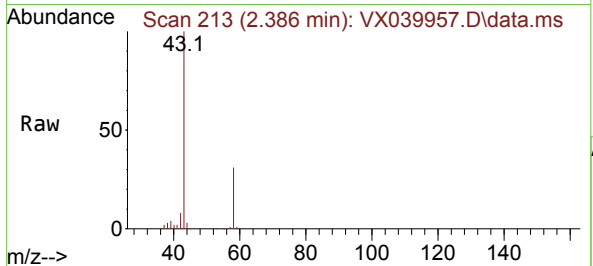




#16
Acetone
Concen: 104.271 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

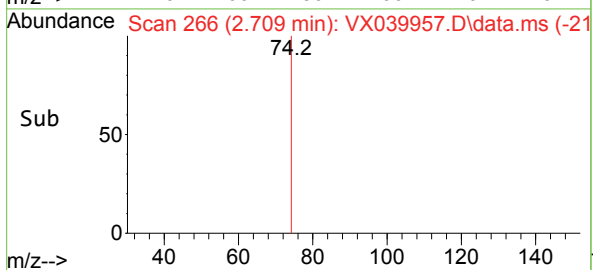
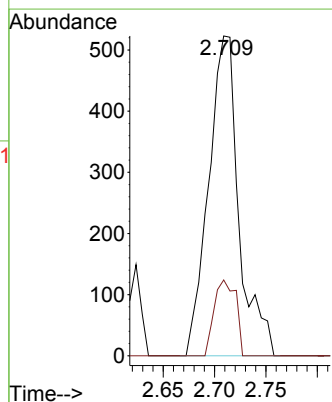
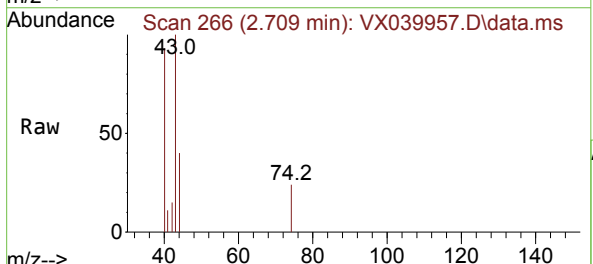
Instrument :
MSVOA_X
ClientSampleId :

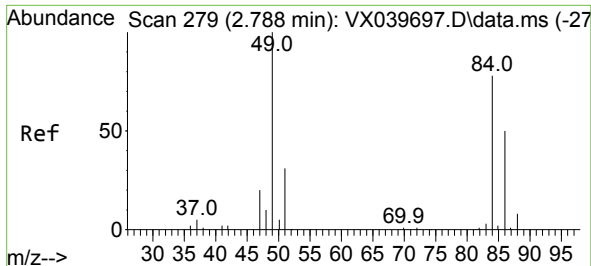
Tgt Ion: 43 Resp: 86284
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#18
Methyl Acetate
Concen: 0.620 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

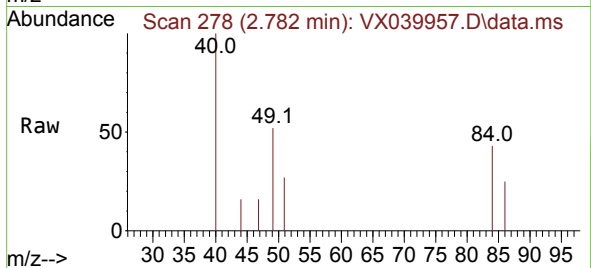
Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
74 16.9 17.8 26.8#





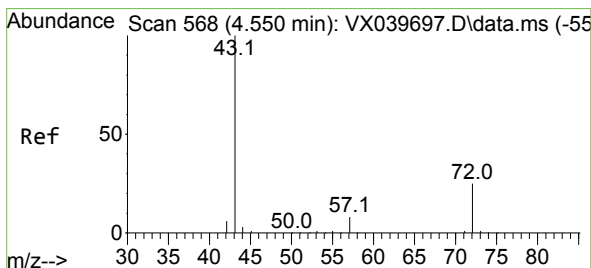
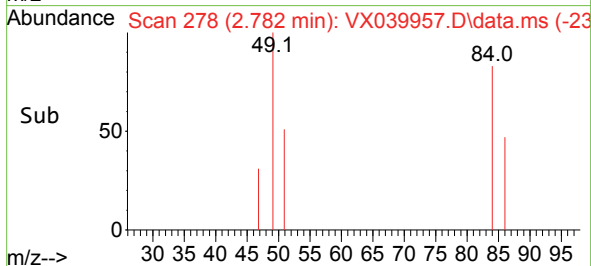
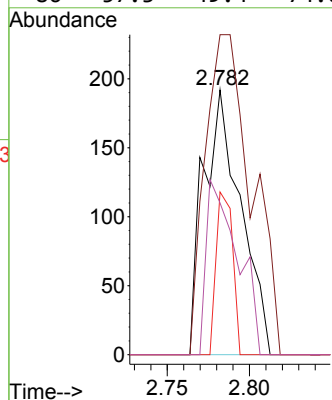
#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 303

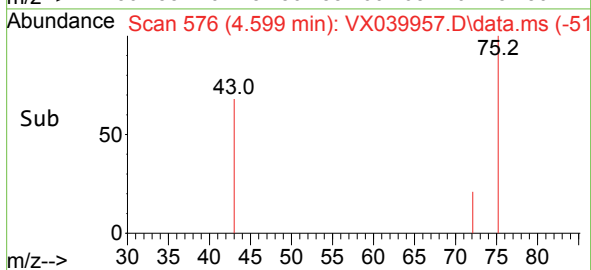
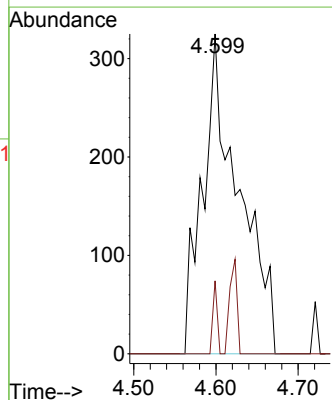
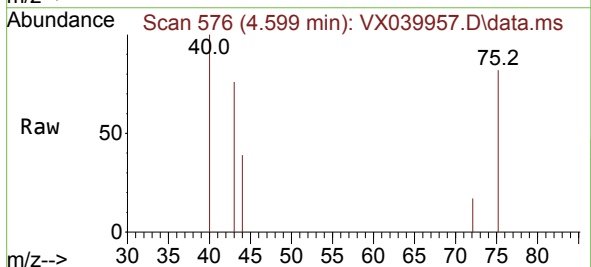
Ion	Ratio	Lower	Upper
84	100		
49	120.8	103.6	155.4
51	61.5	33.8	50.6#
86	57.3	49.4	74.0

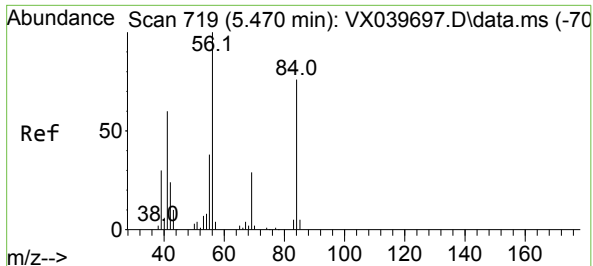


#25
2-Butanone
Concen: 0.837 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.049 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 43 Resp: 995

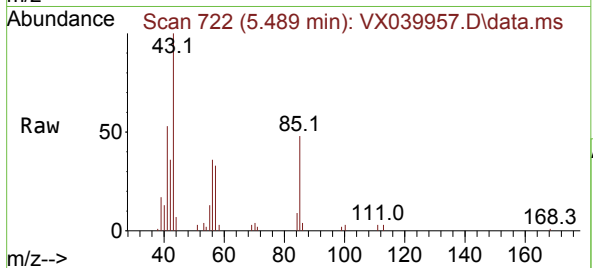
Ion	Ratio	Lower	Upper
43	100		
72	22.8	19.4	29.2



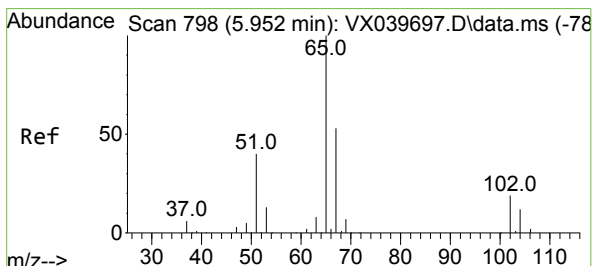
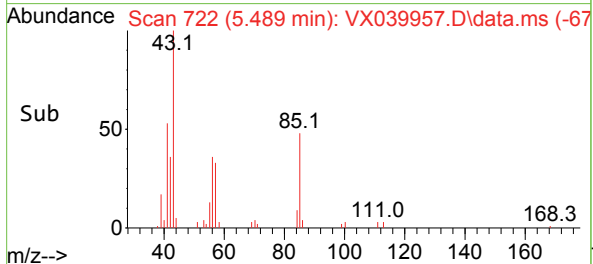
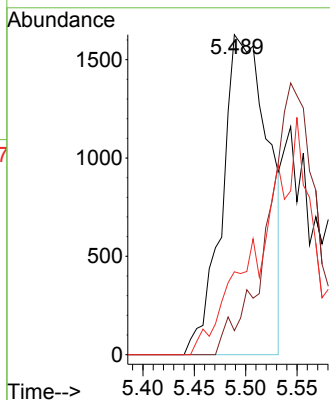


#31
Cyclohexane
Concen: 2.609 ug/l
RT: 5.489 min Scan# 719
Delta R.T. 0.018 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

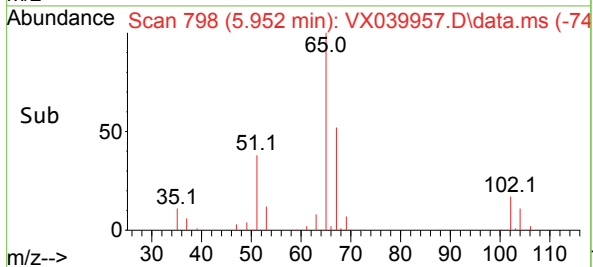
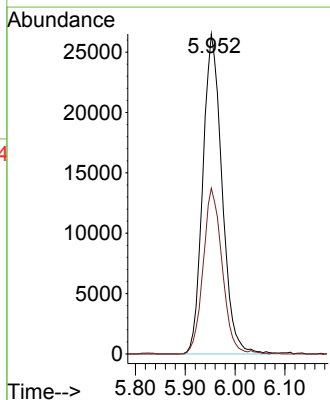
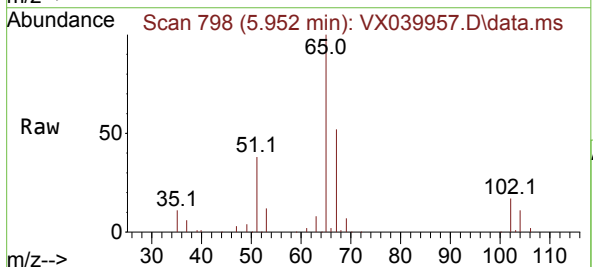


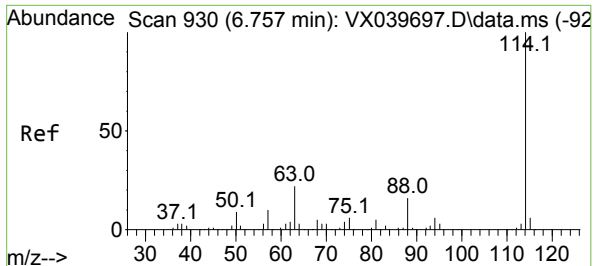
Tgt Ion: 56 Resp: 5066
Ion Ratio Lower Upper
56 100
69 7.5 23.4 35.2#
84 25.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.261 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 65 Resp: 71010
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

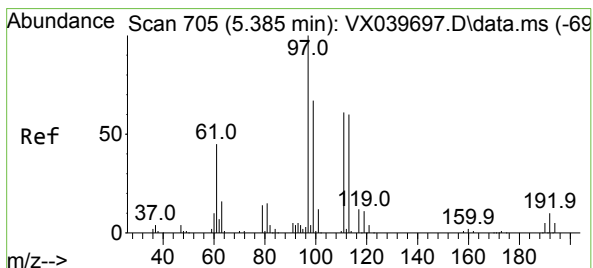
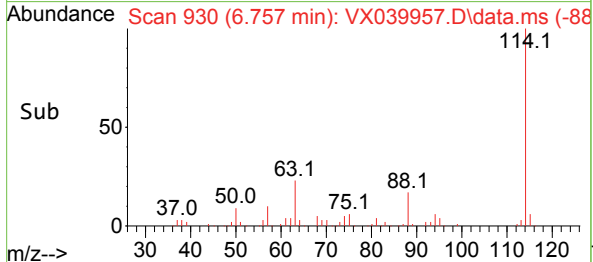
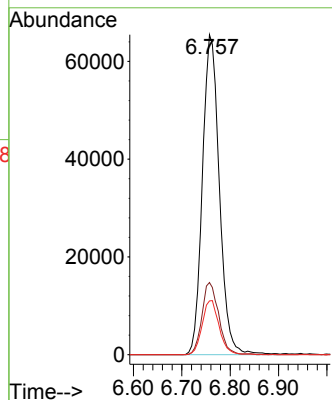
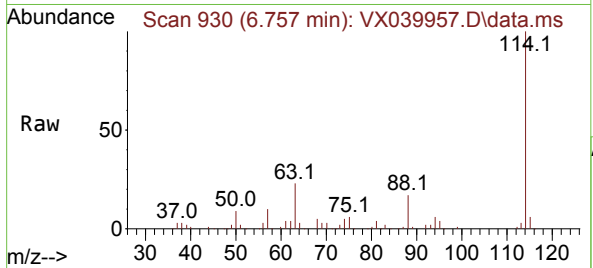




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

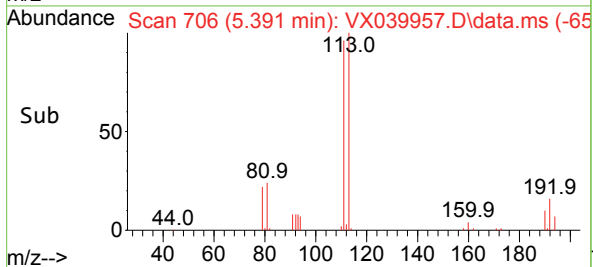
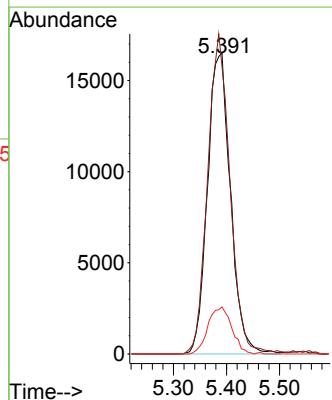
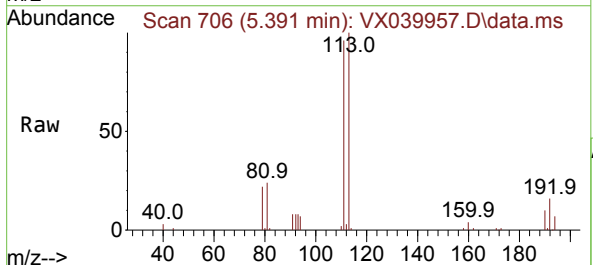
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MSVOA_X
ClientSampleId :

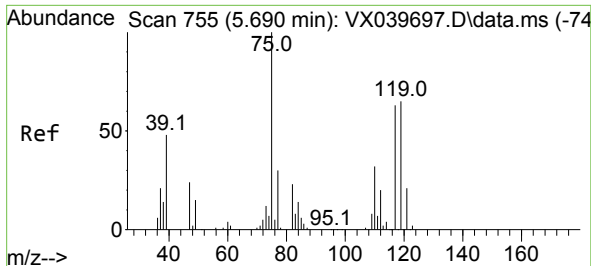
Tgt Ion:114 Resp: 159374
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.304 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

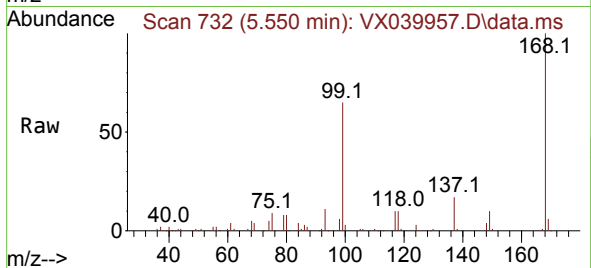
Tgt Ion:113 Resp: 49705
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.1 13.3 19.9



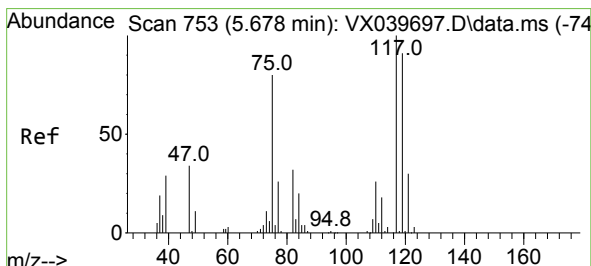
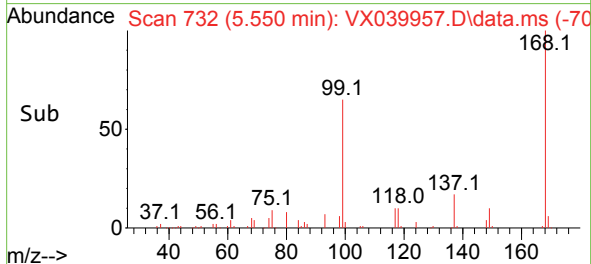
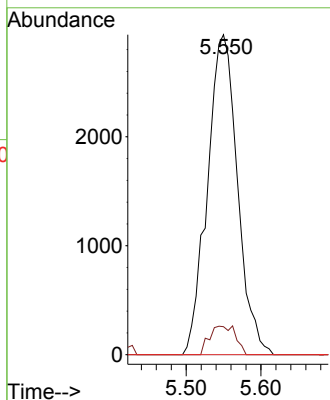


#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

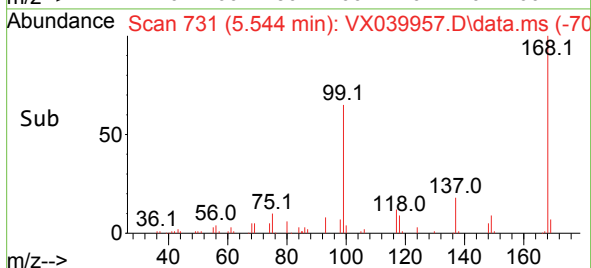
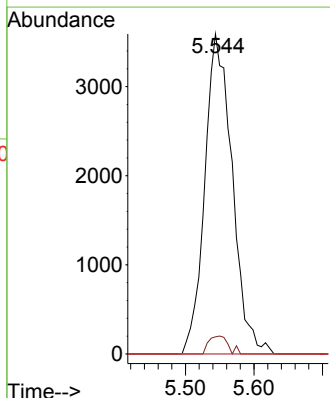
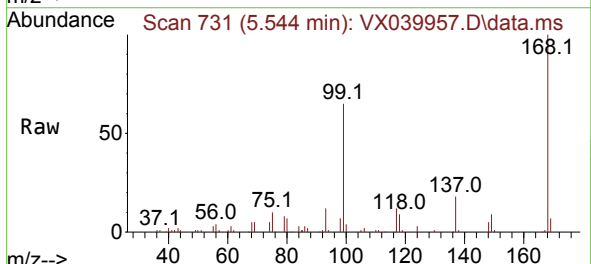


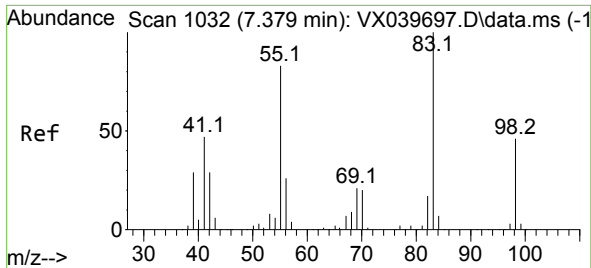
Tgt Ion: 75 Resp: 8228
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.520 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 117 Resp: 9978
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

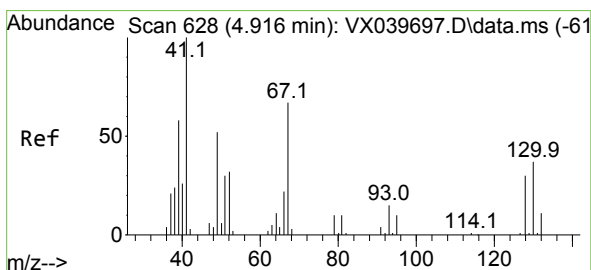
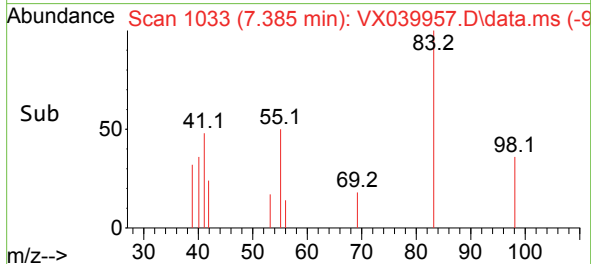
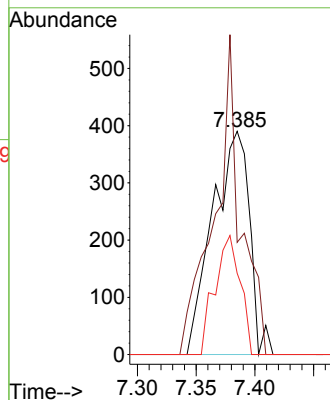
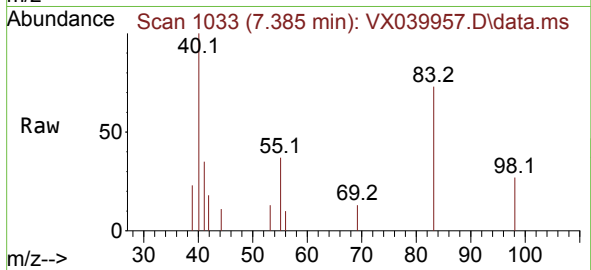




#39
Methylcyclohexane
Concen: 0.425 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

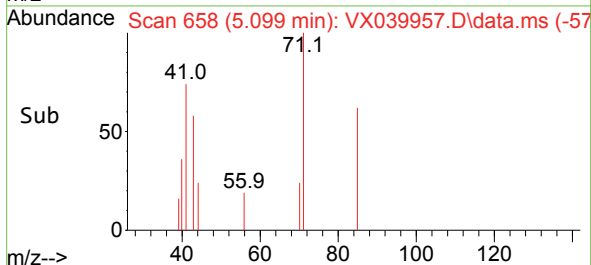
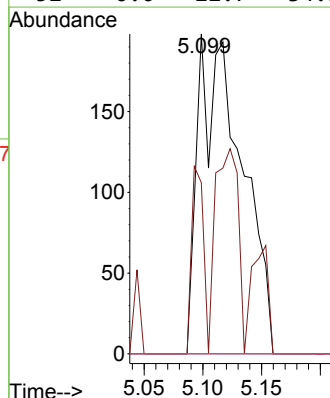
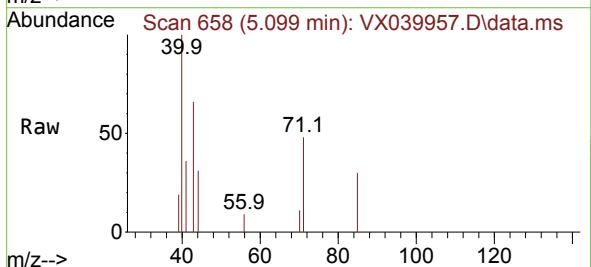
Instrument :
MSVOA_X
ClientSampleId :

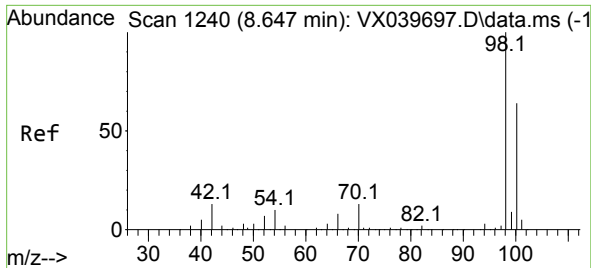
Tgt Ion: 83 Resp: 852
Ion Ratio Lower Upper
83 100
55 50.3 64.6 97.0#
98 36.4 36.7 55.1#



#41
Methacrylonitrile
Concen: 0.468 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.183 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 41 Resp: 510
Ion Ratio Lower Upper
41 100
39 15.9 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

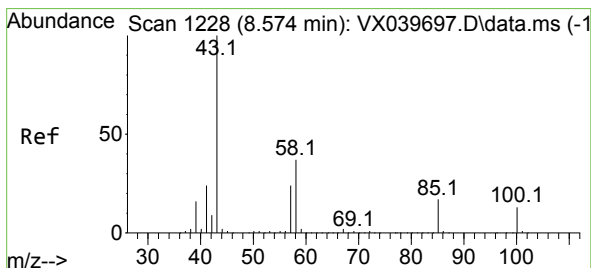
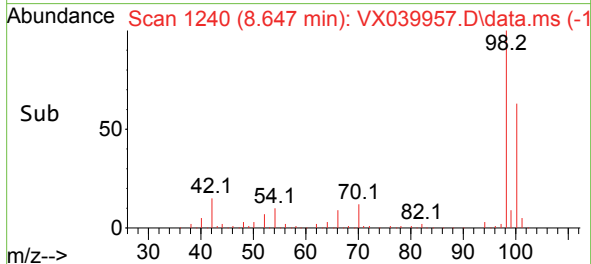
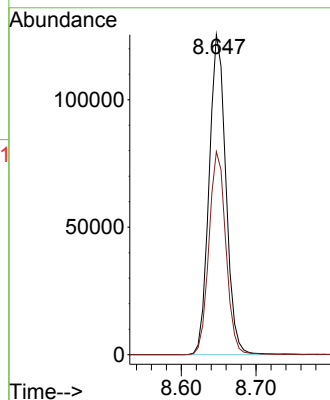
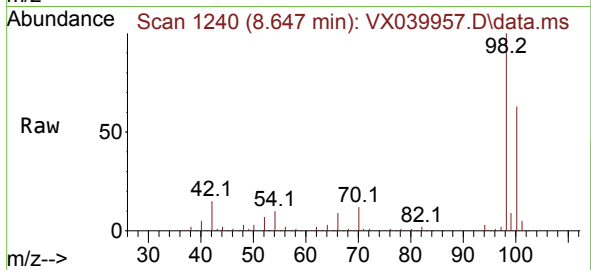




#50
Toluene-d8
Concen: 48.343 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

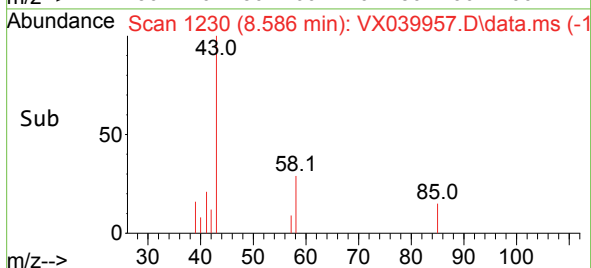
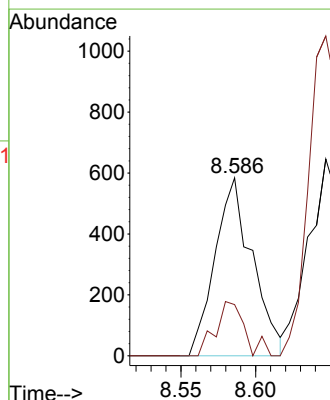
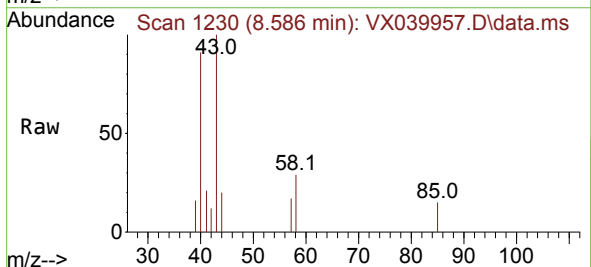
Instrument :
MSVOA_X
ClientSampleId :

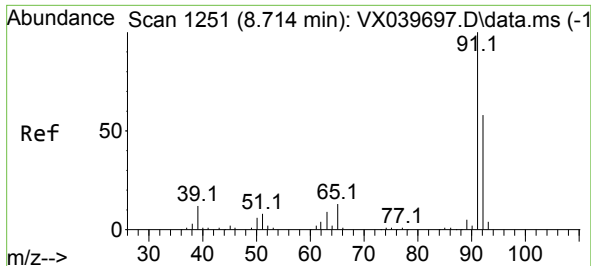
Tgt Ion: 98 Resp: 195721
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 23.8 30.4 45.6#

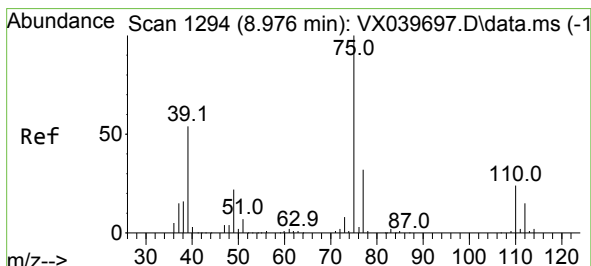
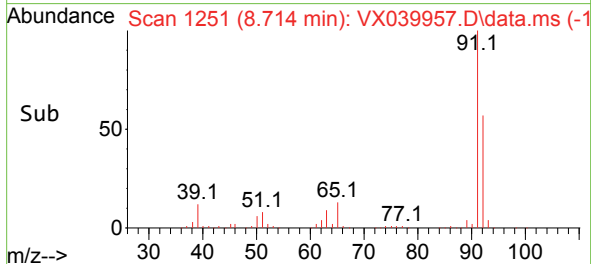
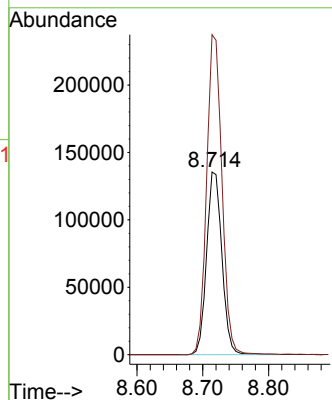
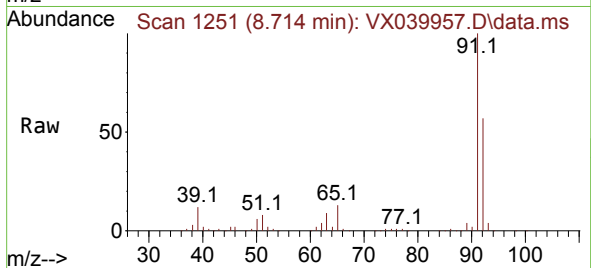




#52
Toluene
Concen: 77.701 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

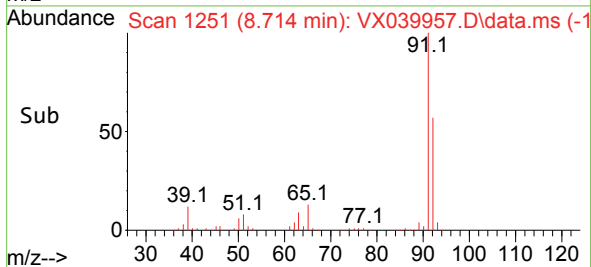
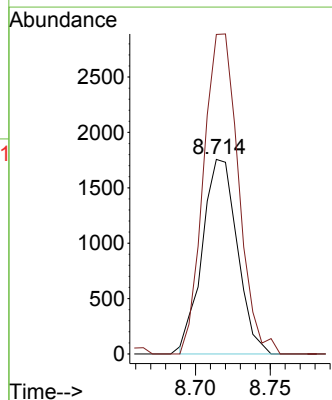
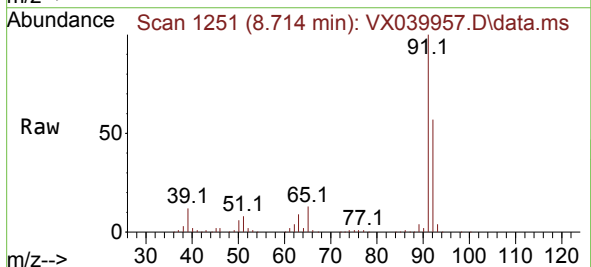
Instrument :
MSVOA_X
ClientSampleId :

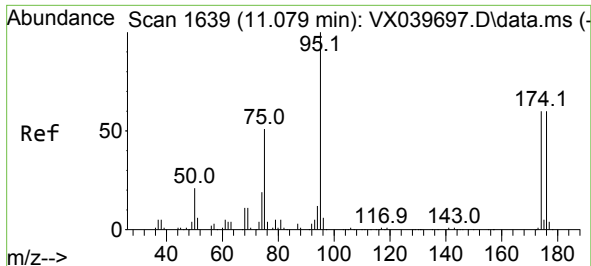
Tgt Ion: 92 Resp: 219582
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 1.657 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 75 Resp: 2854
Ion Ratio Lower Upper
75 100
77 164.1 25.7 38.5#

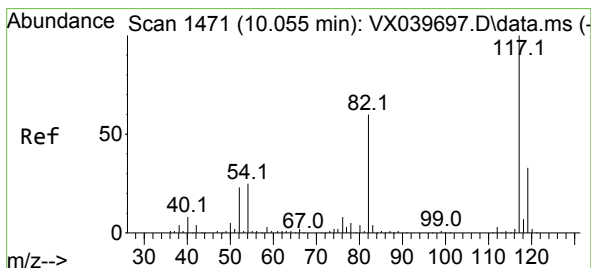
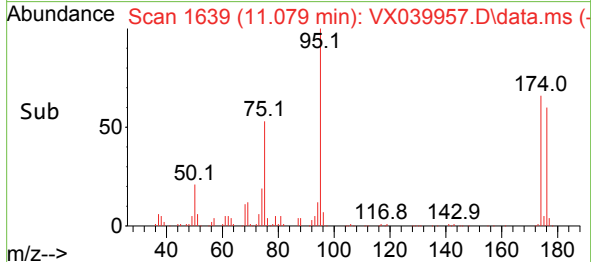
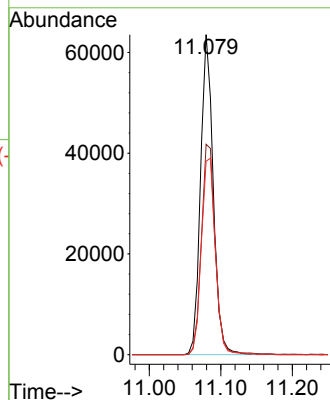
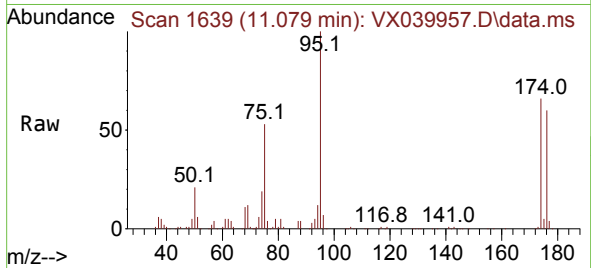




#62
4-Bromofluorobenzene
Concen: 49.684 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

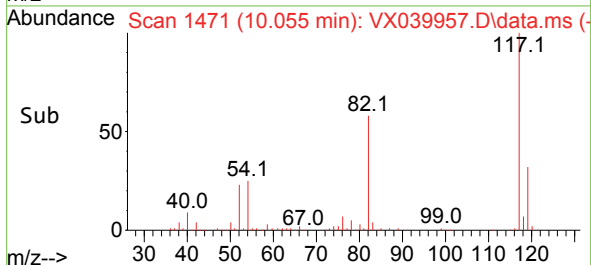
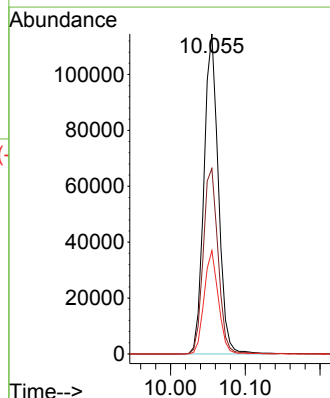
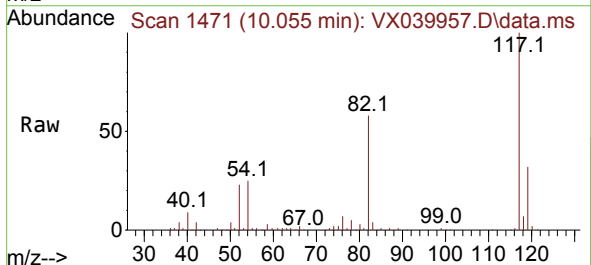
Instrument :
MSVOA_X
ClientSampleId :

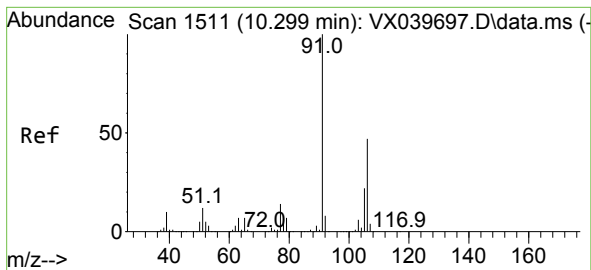
Tgt Ion: 95 Resp: 78659
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 67.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion: 117 Resp: 153318
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.3 25.5 38.3

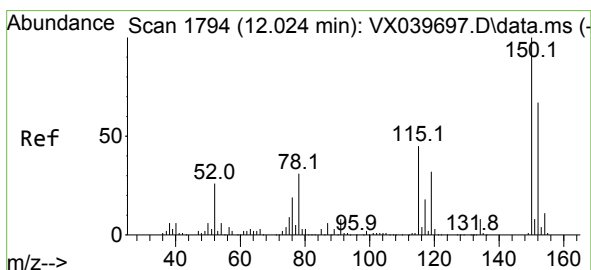
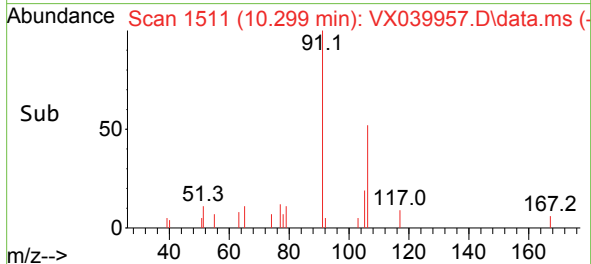
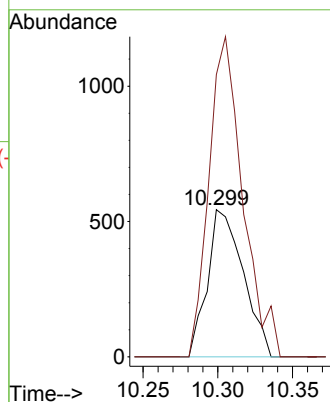
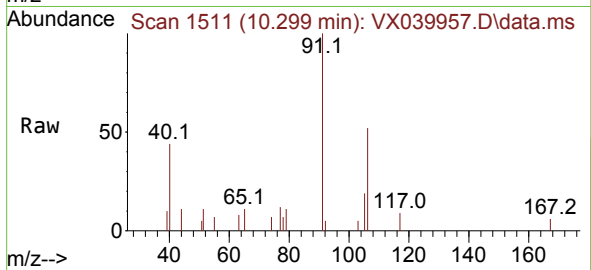




#68
m/p-Xylenes
Concen: 0.414 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

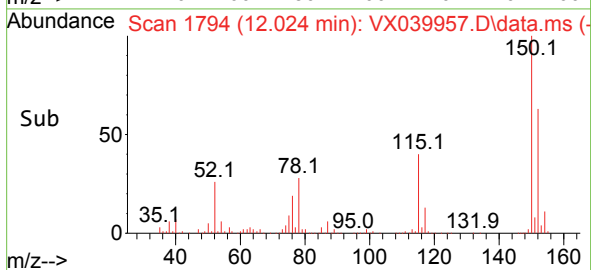
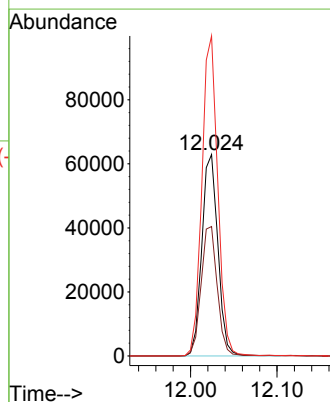
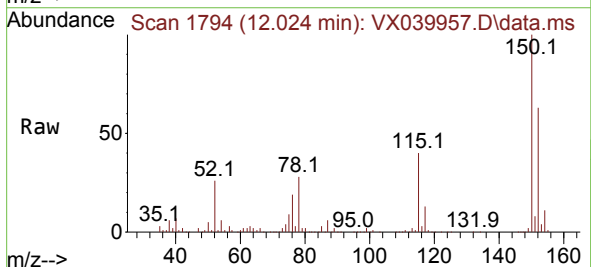
Instrument :
MSVOA_X
ClientSampleId :

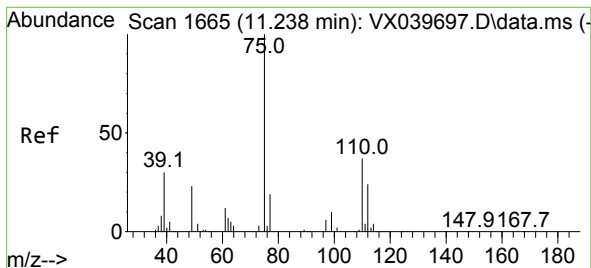
Tgt Ion:106 Resp: 903
Ion Ratio Lower Upper
106 100
91 206.5 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039957.D
Acq: 25 Jan 2024 16:27

Tgt Ion:152 Resp: 81122
Ion Ratio Lower Upper
152 100
115 65.0 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.125 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039957.D

Acq: 25 Jan 2024 16:27

Instrument :

MSVOA_X

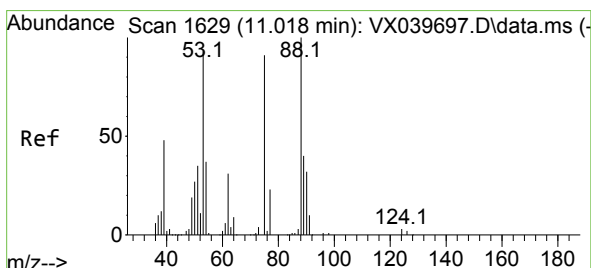
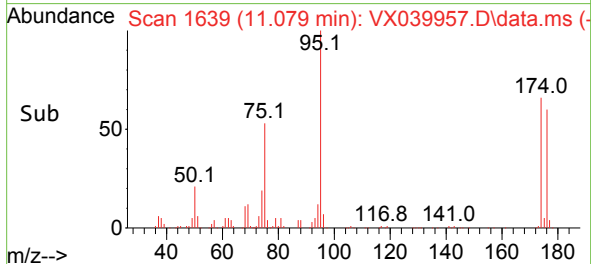
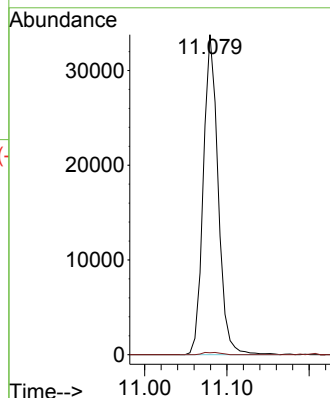
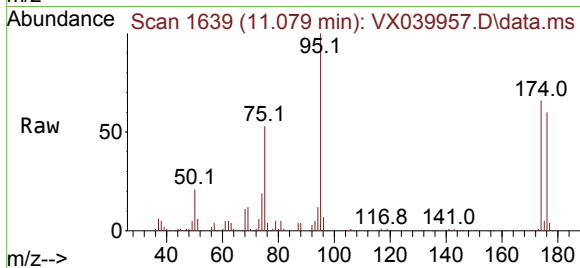
ClientSampleId :

Tgt Ion: 75 Resp: 42327

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.972 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039957.D

Acq: 25 Jan 2024 16:27

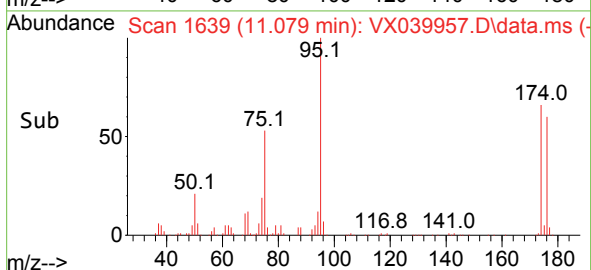
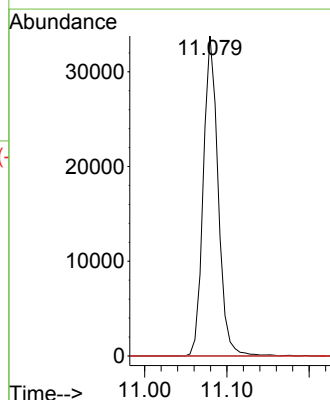
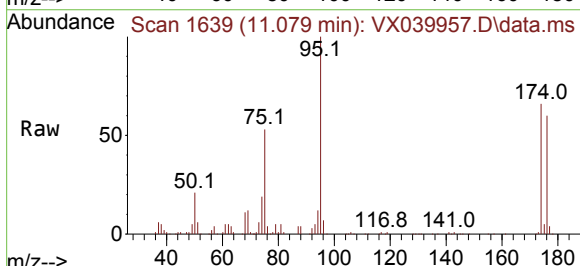
Tgt Ion: 75 Resp: 42327

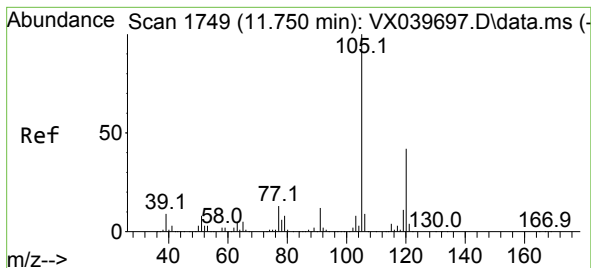
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.282 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039957.D

Acq: 25 Jan 2024 16:27

Instrument :

MSVOA_X

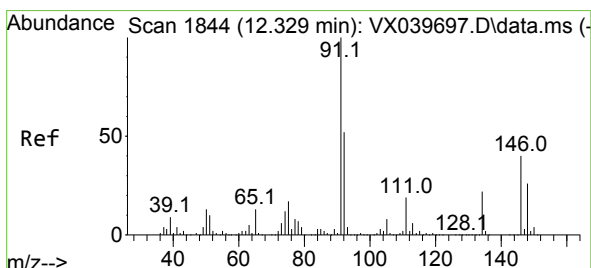
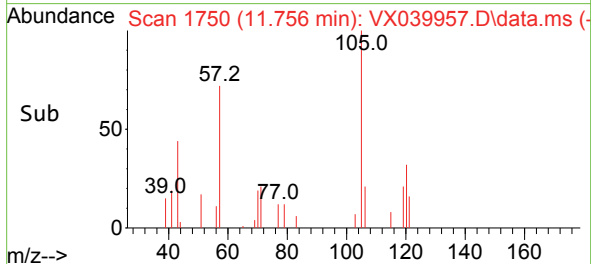
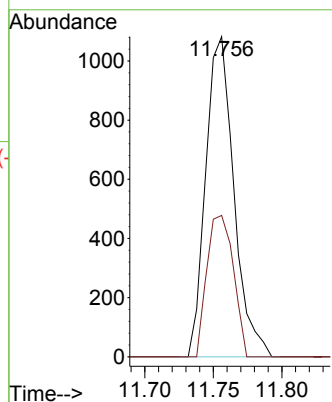
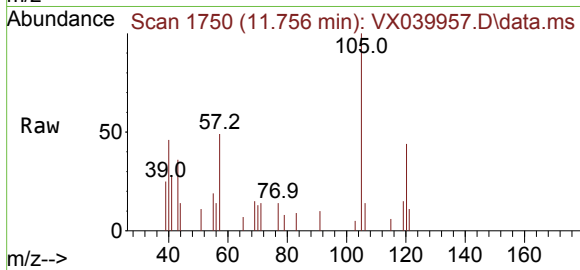
ClientSampleId :

Tgt Ion:105 Resp: 1545

Ion Ratio Lower Upper

105 100

120 41.4 21.2 63.6



#89

n-Butylbenzene

Concen: 0.289 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039957.D

Acq: 25 Jan 2024 16:27

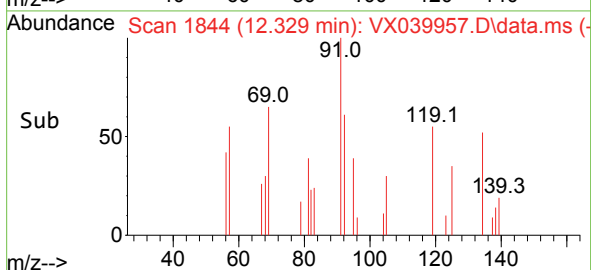
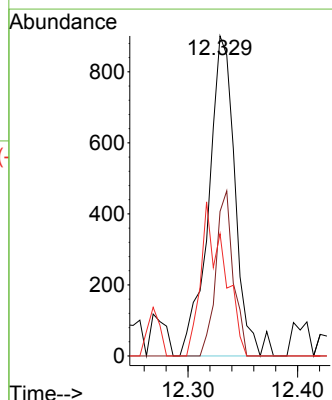
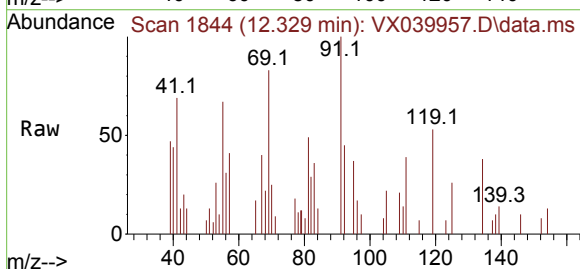
Tgt Ion: 91 Resp: 1514

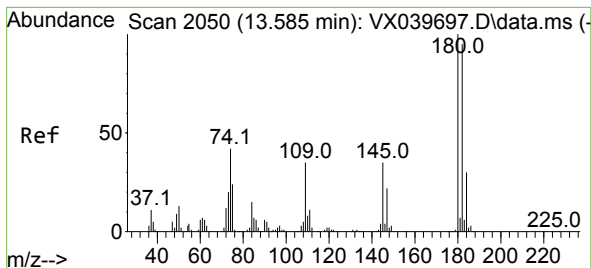
Ion Ratio Lower Upper

91 100

92 34.0 27.4 82.0

134 42.3 12.6 37.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.253 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039957.D

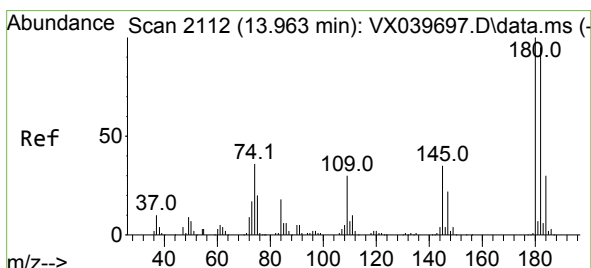
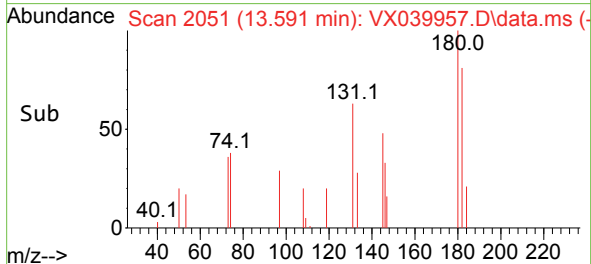
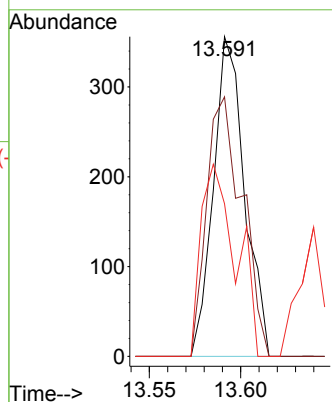
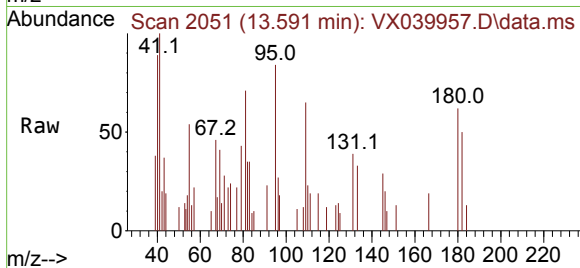
Acq: 25 Jan 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	422
Ion Ratio	Lower	Upper
180	100	
182	92.7	48.3 144.8
145	67.3	18.0 54.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.243 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX039957.D

Acq: 25 Jan 2024 16:27

Tgt Ion:180	Resp:	409
Ion Ratio	Lower	Upper
180	100	
182	29.8	46.9 140.6#
145	28.1	17.8 53.5

