

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039648.D
 Acq On : 05 Jan 2024 14:49
 Operator : JC/MD
 Sample : P1034-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

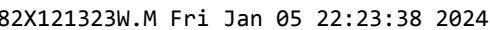
Quant Time: Jan 05 22:23:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

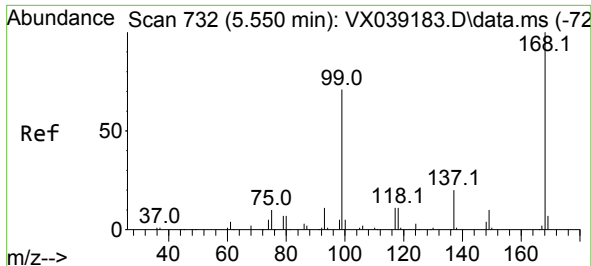
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	76651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67231	47.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.760%
35) Dibromofluoromethane	5.385	113	53361	47.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.647	98	206343	49.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	95598	55.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.400%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	274	0.409	ug/l #	43
11) Tert butyl alcohol	2.934	59	347	0.984	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	390	0.396	ug/l #	65
16) Acetone	2.373	43	760	Below Cal		97
20) Methylene Chloride	2.794	84	261	0.223	ug/l #	75
21) trans-1,2-Dichloroethene	3.099	96	450	0.420	ug/l #	69
24) 1,1-Dichloroethane	3.623	63	610	0.297	ug/l #	83
27) cis-1,2-Dichloroethene	4.501	96	1683	1.422	ug/l	87
30) Chloroform	5.092	83	872	0.425	ug/l	96
31) Cyclohexane	5.550	56	2267	1.250	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	7305	4.132	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8797	5.214	ug/l #	16
44) Trichloroethene	7.129	130	4083	3.235	ug/l	95
45) 1,2-Dichloropropane	7.440	63	490	0.365	ug/l #	44
51) 4-Methyl-2-Pentanone	8.647	43	1038	0.459	ug/l #	1
60) Dibromochloromethane	9.275	129	3370	2.644	ug/l #	11
64) Tetrachloroethene	9.275	164	3278	2.851	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	53178	22.833	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53178	64.412	ug/l #	5

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

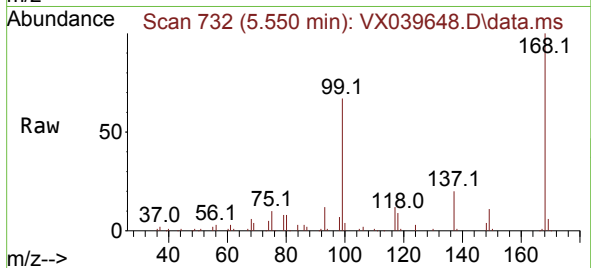
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



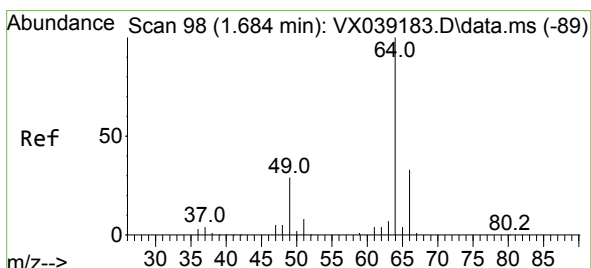
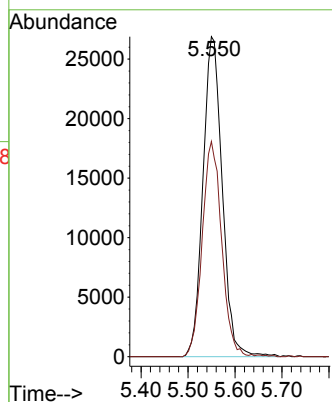
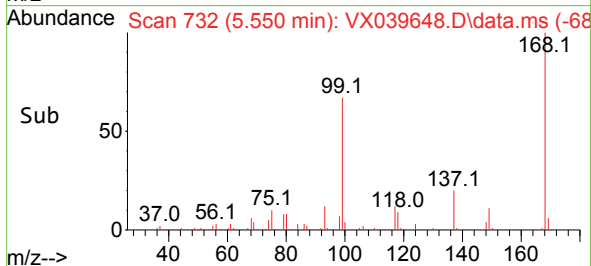


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :

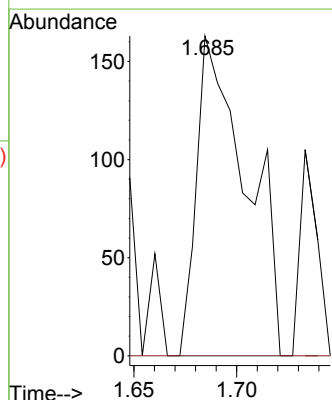
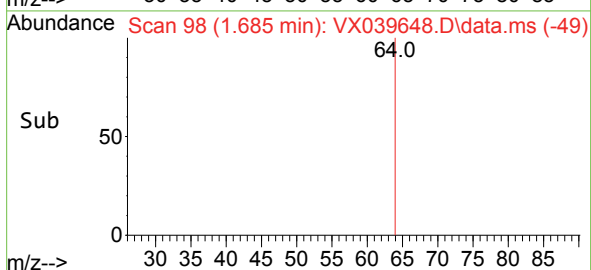
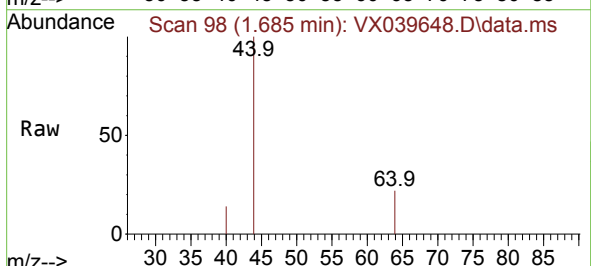


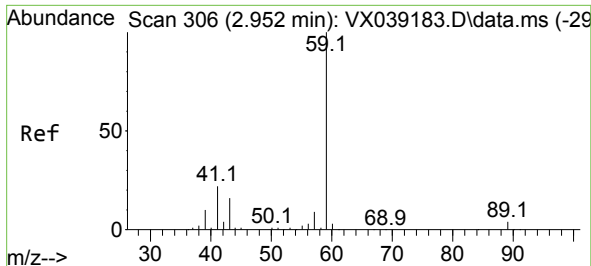
Tgt Ion:168 Resp: 76651
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#6
Chloroethane
Concen: 0.409 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.984 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

Instrument :

MSVOA_X

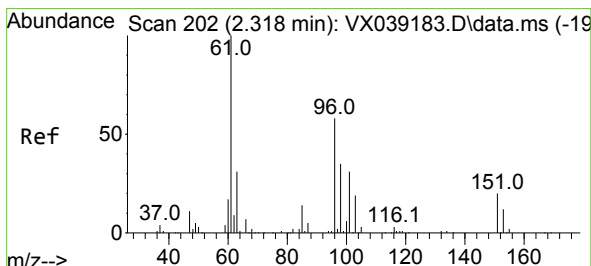
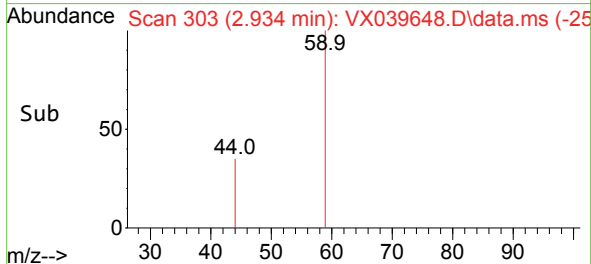
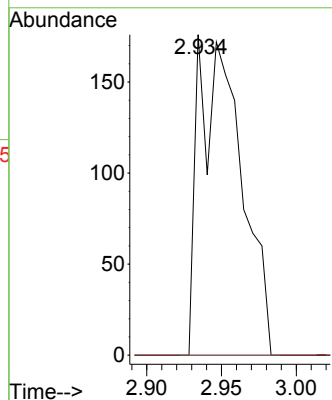
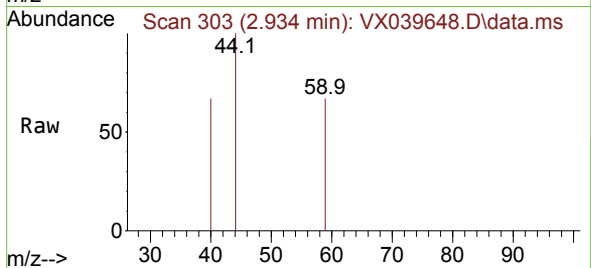
ClientSampleId :

Tgt Ion: 59 Resp: 347

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.396 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

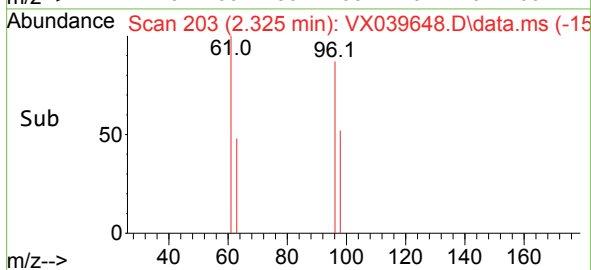
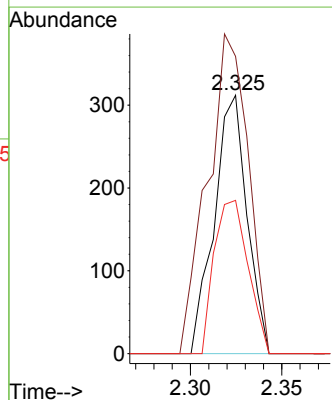
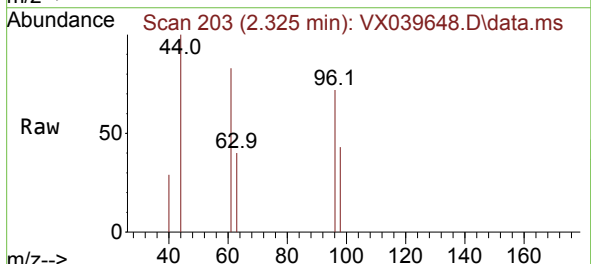
Tgt Ion: 96 Resp: 390

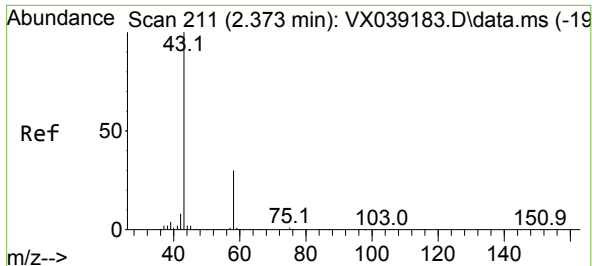
Ion Ratio Lower Upper

96 100

61 115.1 144.6 216.8#

98 59.3 50.4 75.6

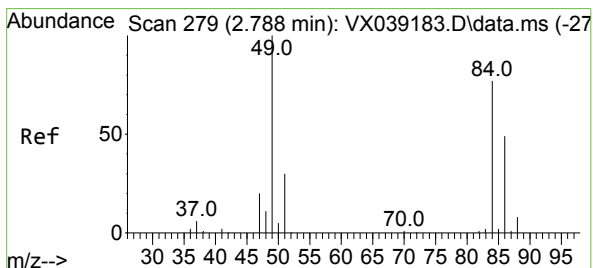
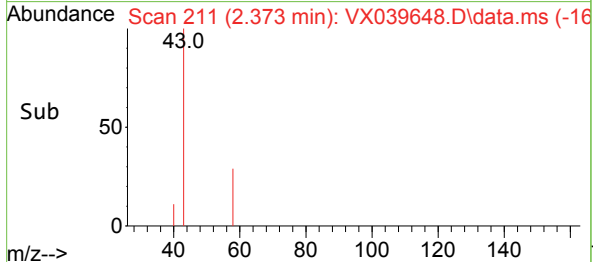
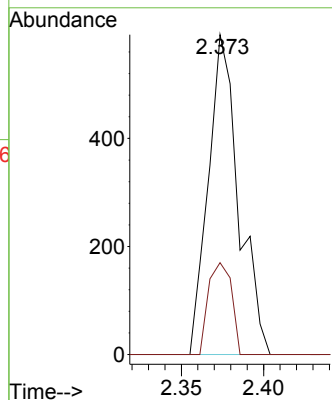
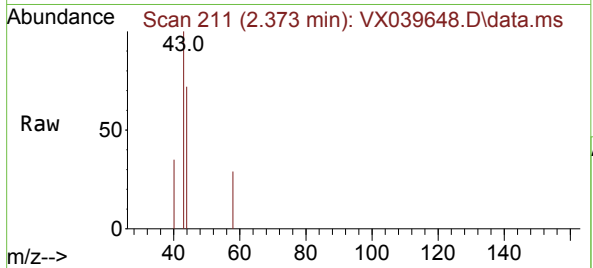




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

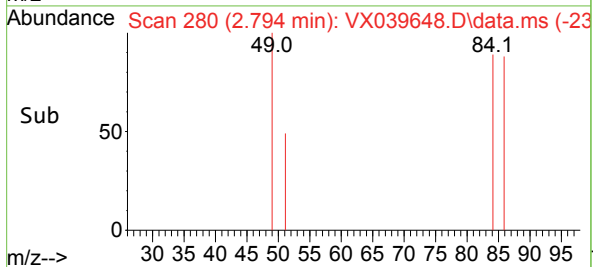
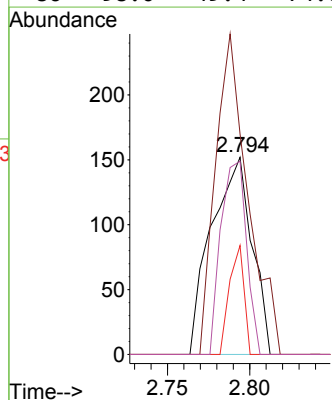
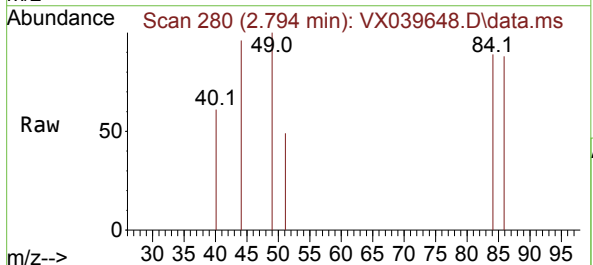
Instrument :
MSVOA_X
ClientSampleId :

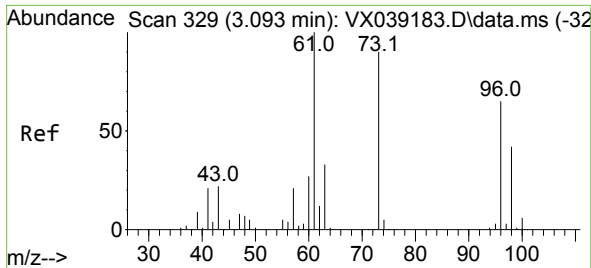
Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 84 Resp: 261
Ion Ratio Lower Upper
84 100
49 111.8 103.6 155.4
51 55.3 33.8 50.6#
86 98.0 49.4 74.0#

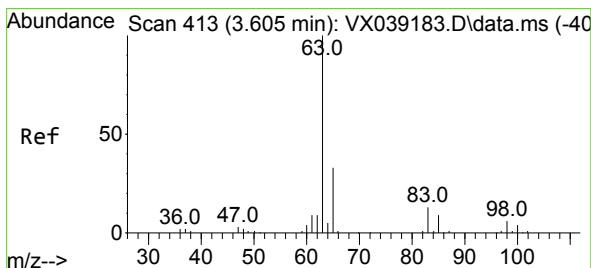
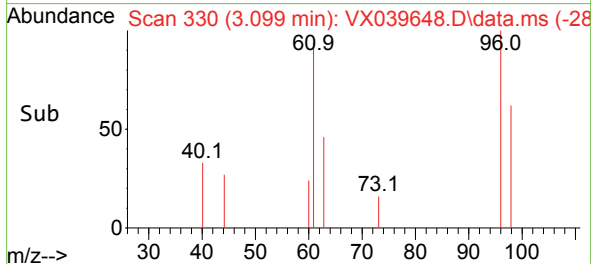
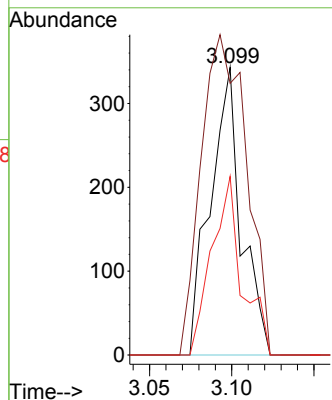
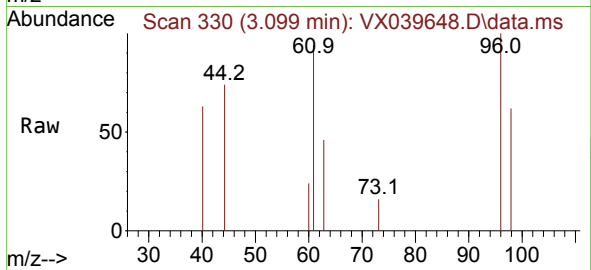




#21
trans-1,2-Dichloroethene
Concen: 0.420 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

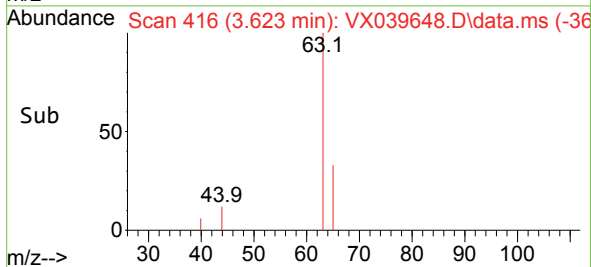
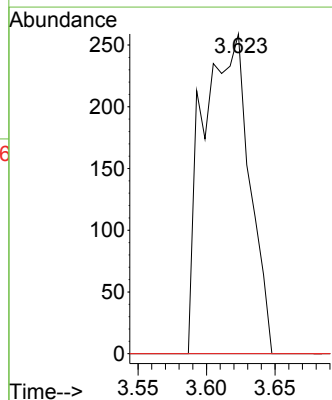
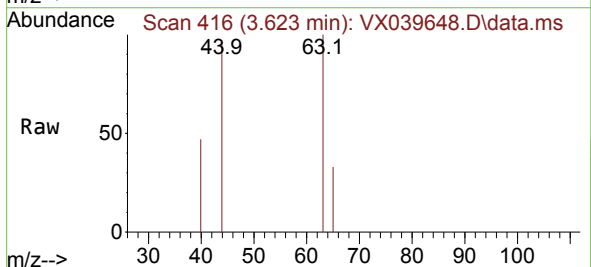
Instrument :
MSVOA_X
ClientSampleId :

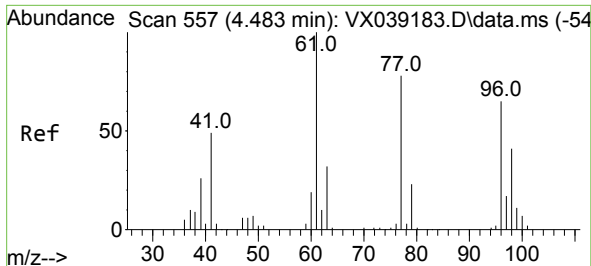
Tgt Ion: 96 Resp: 450
Ion Ratio Lower Upper
96 100
61 94.5 119.2 178.8#
98 62.1 48.7 73.1



#24
1,1-Dichloroethane
Concen: 0.297 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.019 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

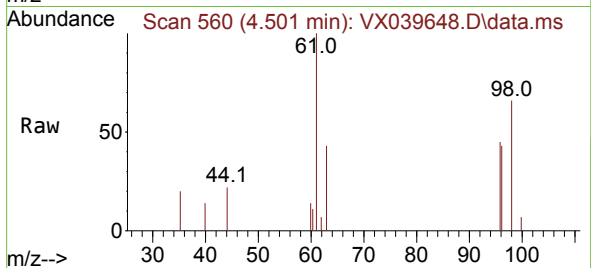
Tgt Ion: 63 Resp: 610
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#





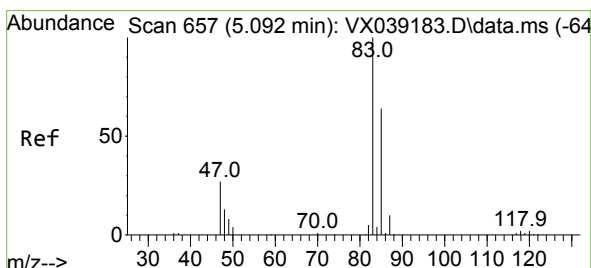
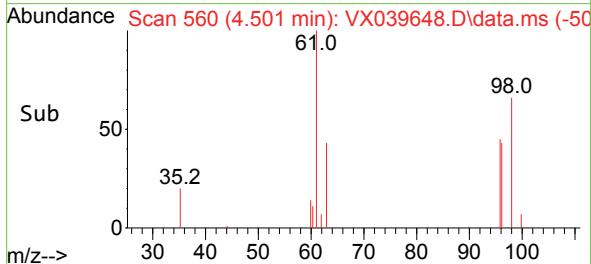
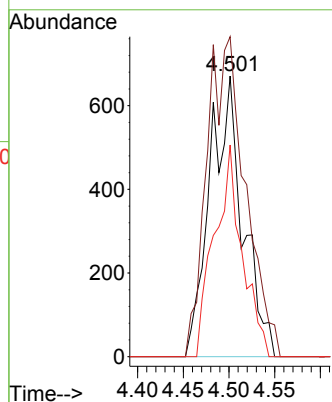
#27
 cis-1,2-Dichloroethene
 Concen: 1.422 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VX039648.D
 Acq: 05 Jan 2024 14:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 1683

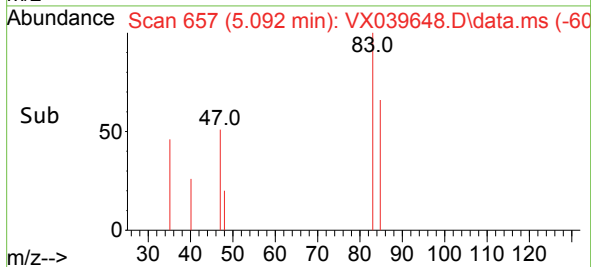
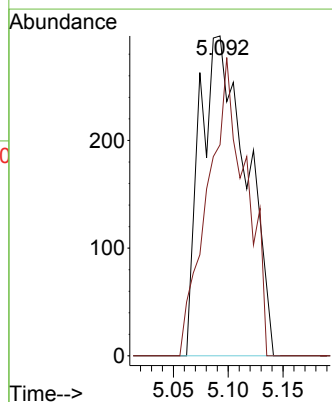
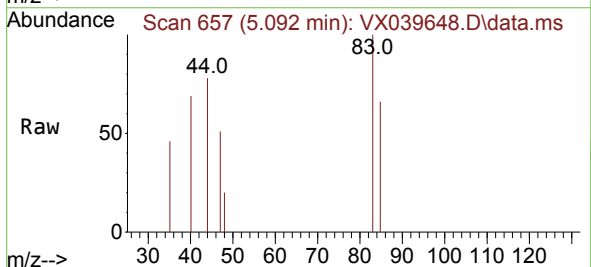
Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	312.2
98	62.9	0.0	129.0

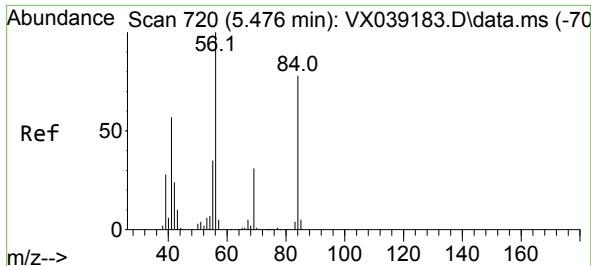


#30
 Chloroform
 Concen: 0.425 ug/l
 RT: 5.092 min Scan# 657
 Delta R.T. 0.000 min
 Lab File: VX039648.D
 Acq: 05 Jan 2024 14:49

Tgt Ion: 83 Resp: 872

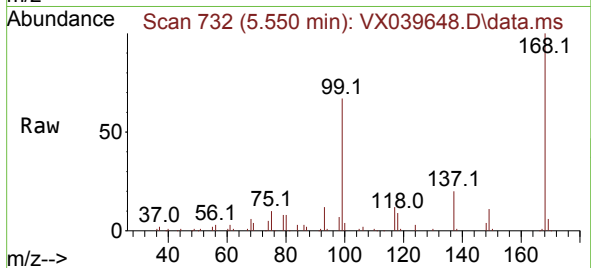
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.3	75.5



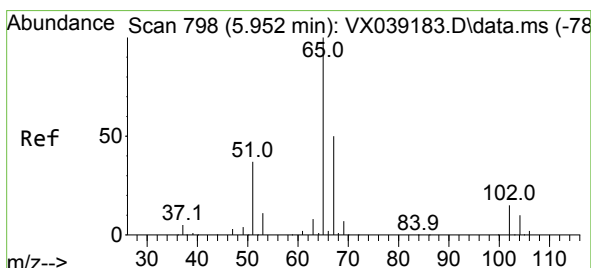
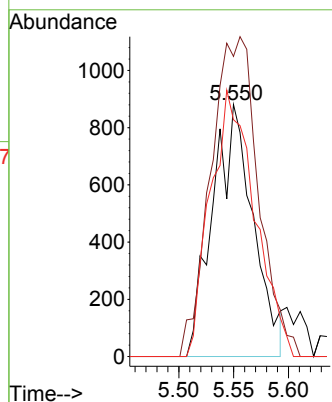
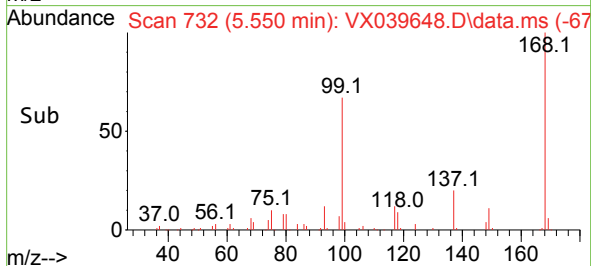


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :

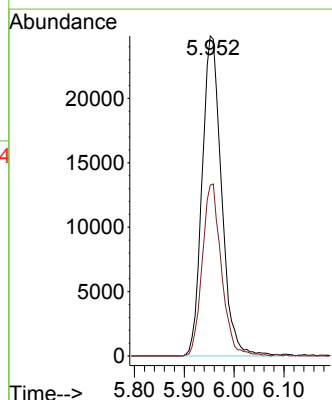
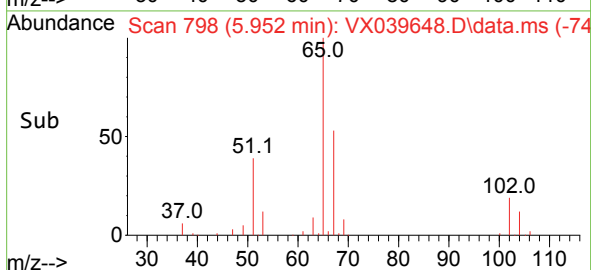
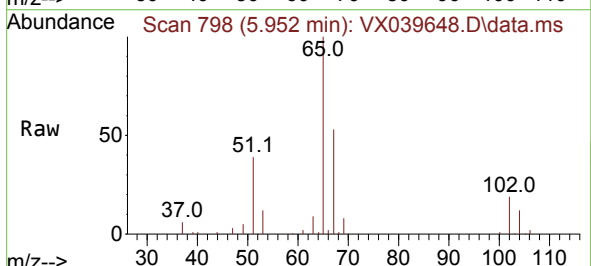


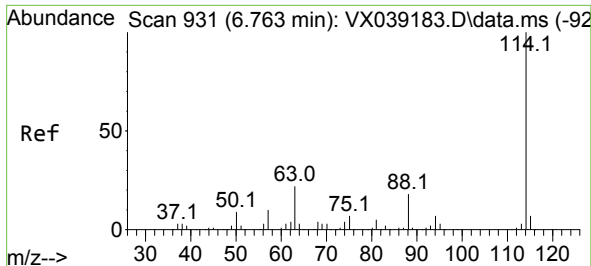
Tgt Ion: 56 Resp: 2267
Ion Ratio Lower Upper
56 100
69 119.1 23.4 35.2#
84 94.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.879 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 65 Resp: 67231
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

Instrument :

MSVOA_X

ClientSampleId :

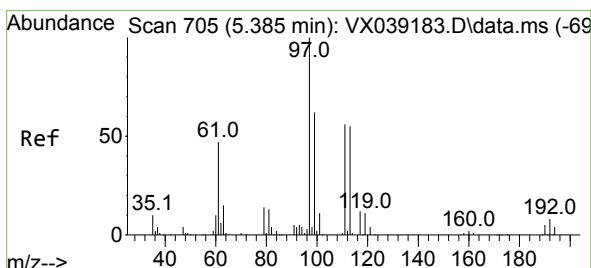
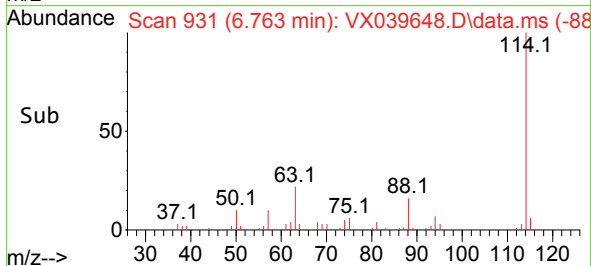
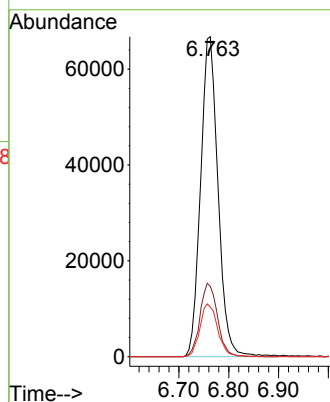
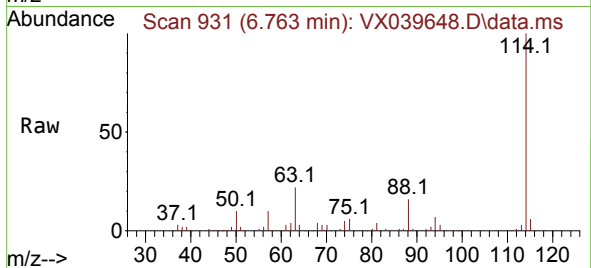
Tgt Ion:114 Resp: 162177

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 15.5 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.627 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

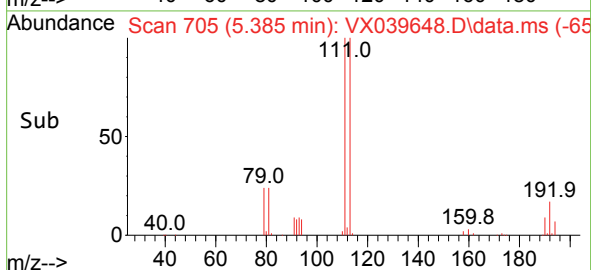
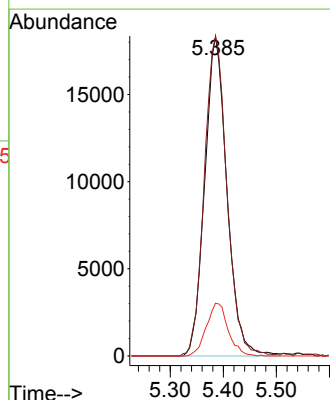
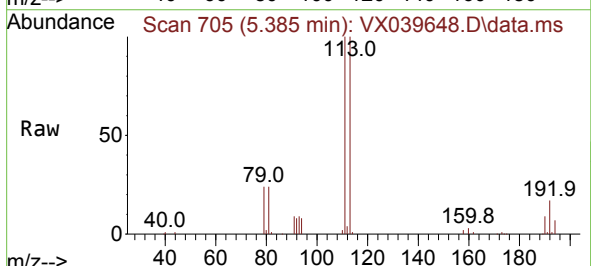
Tgt Ion:113 Resp: 53361

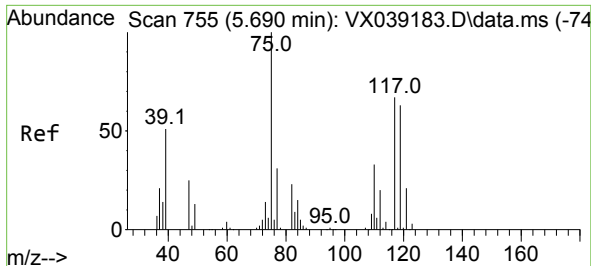
Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 16.2 13.3 19.9

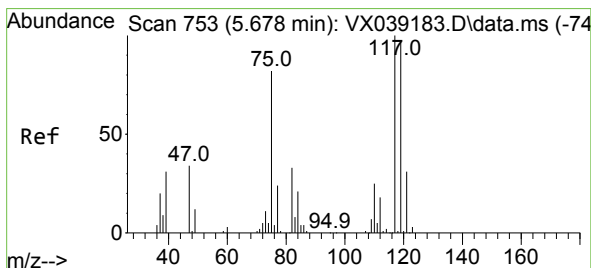
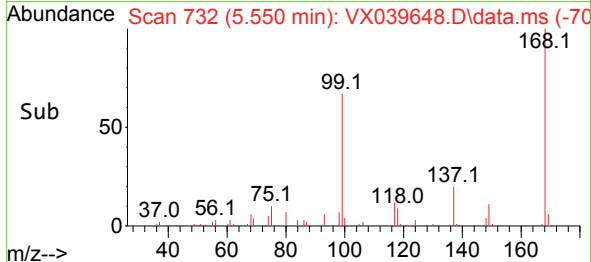
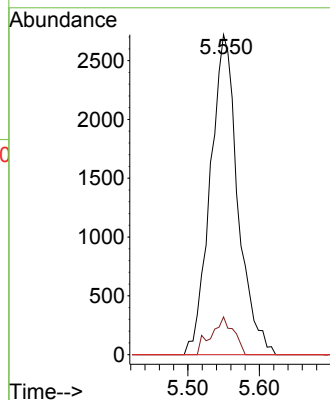
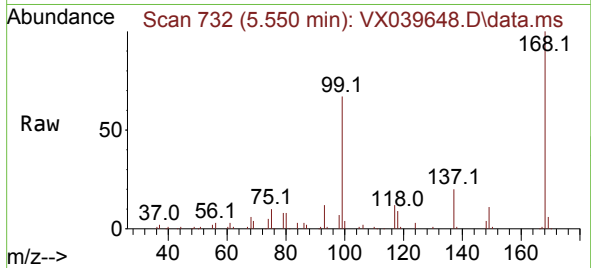




#36
1,1-Dichloropropene
Concen: 4.132 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

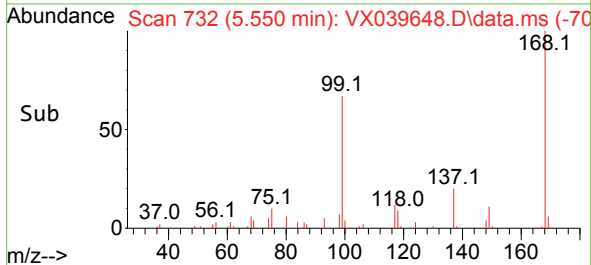
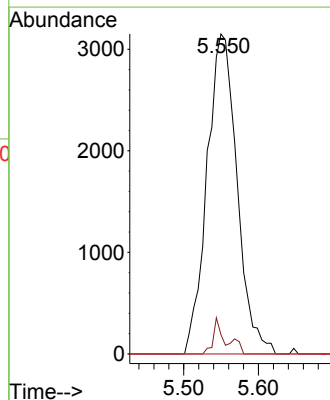
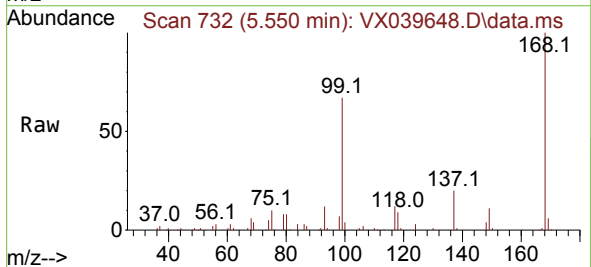
Instrument :
MSVOA_X
ClientSampleId :

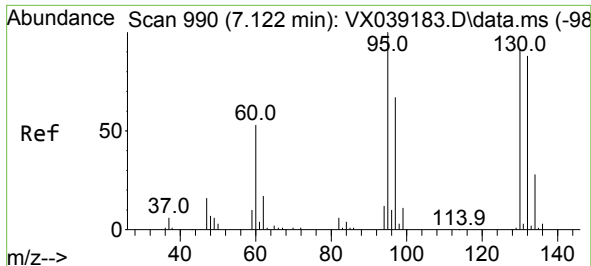
Tgt Ion: 75 Resp: 7305
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.214 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 117 Resp: 8797
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

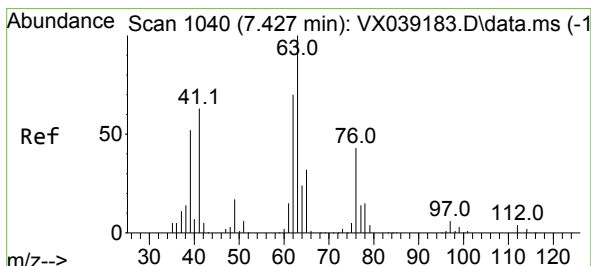
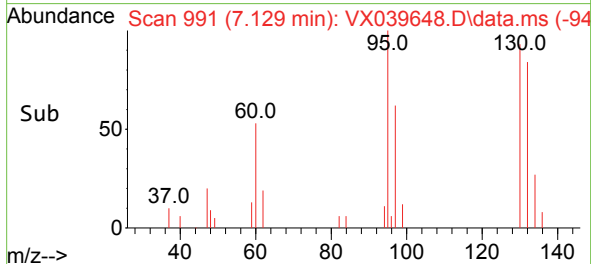
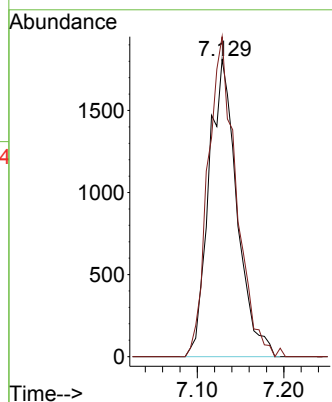
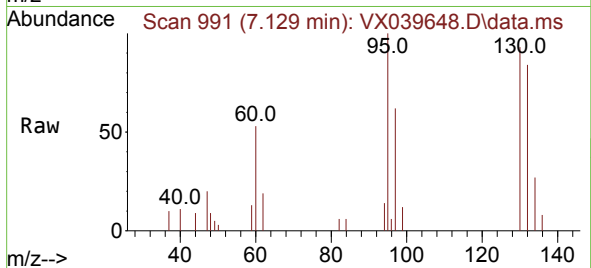




#44
Trichloroethene
Concen: 3.235 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

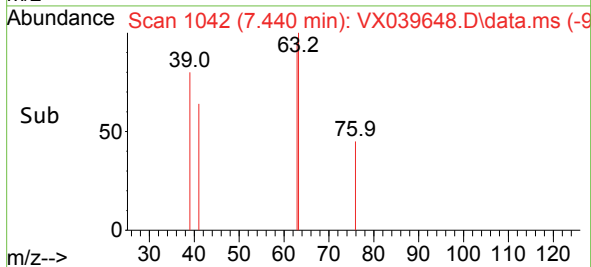
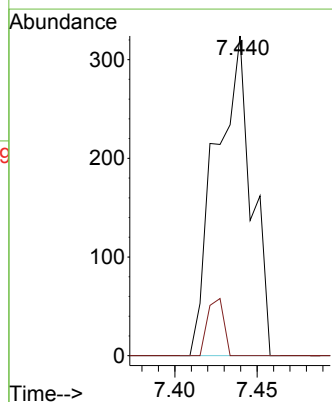
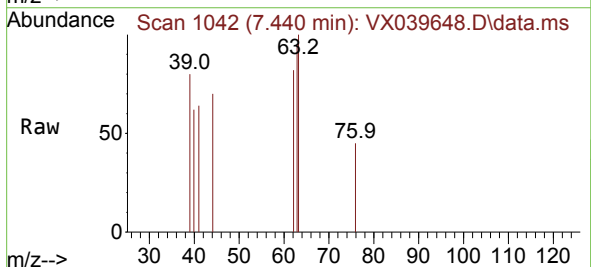
Instrument :
MSVOA_X
ClientSampleId :

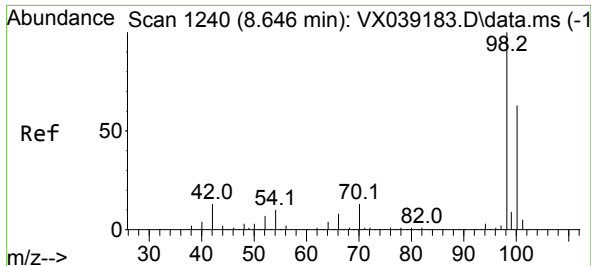
Tgt Ion:130 Resp: 4083
Ion Ratio Lower Upper
130 100
95 107.6 0.0 204.4



#45
1,2-Dichloropropane
Concen: 0.365 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 63 Resp: 490
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#

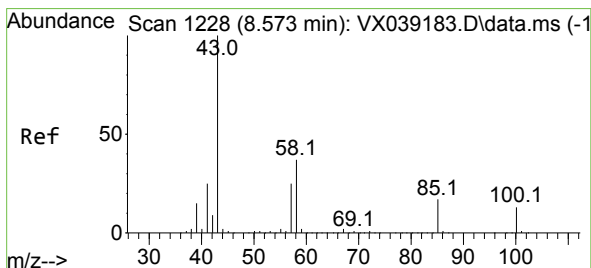
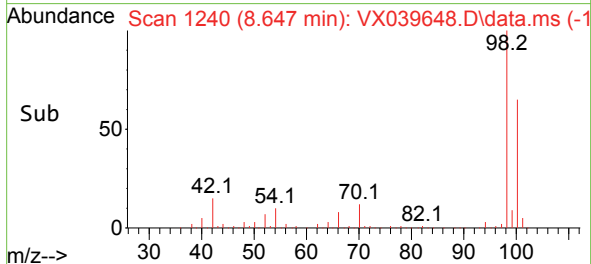
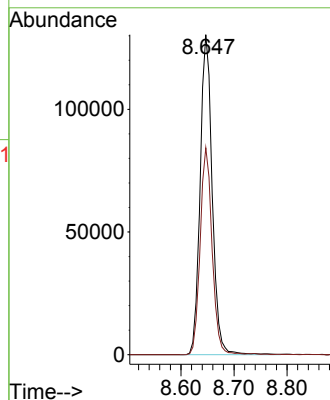
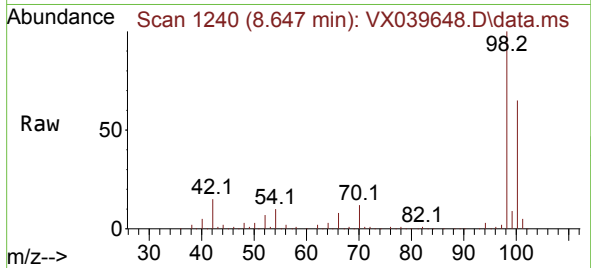




#50
Toluene-d8
Concen: 49.608 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

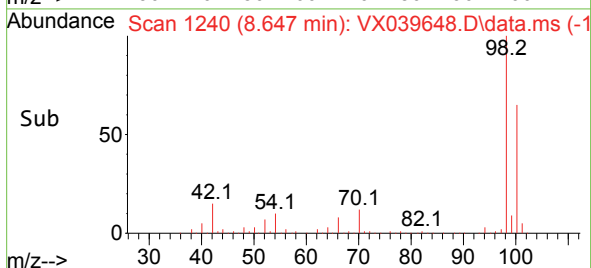
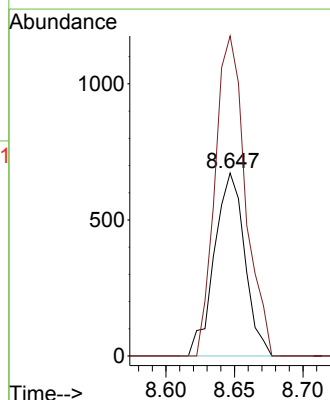
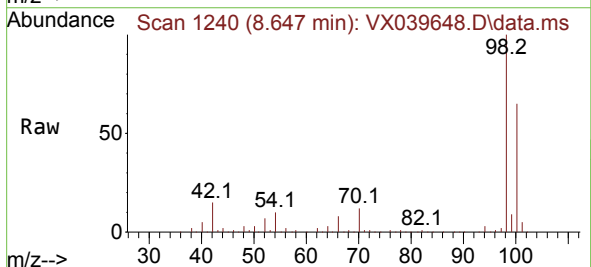
Instrument :
MSVOA_X
ClientSampleId :

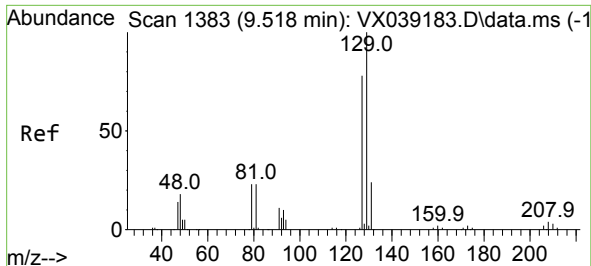
Tgt Ion: 98 Resp: 206343
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 174.8 30.4 45.6#

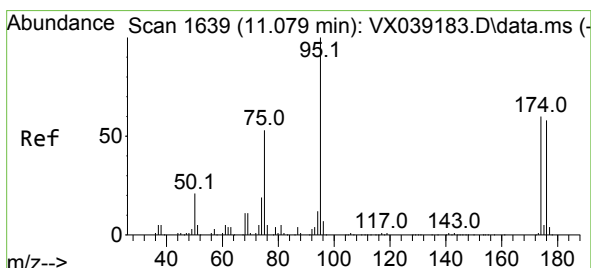
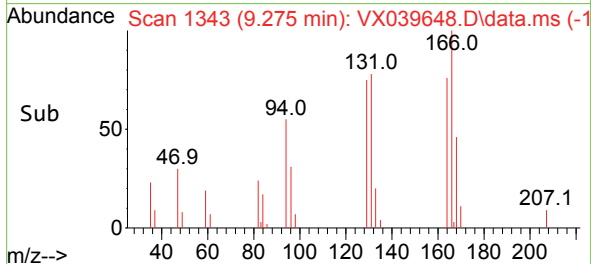
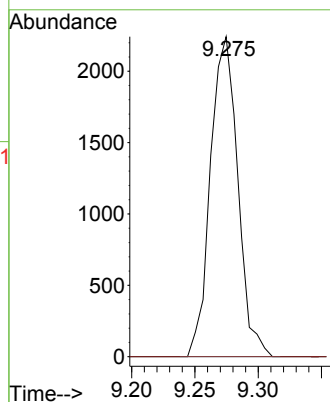
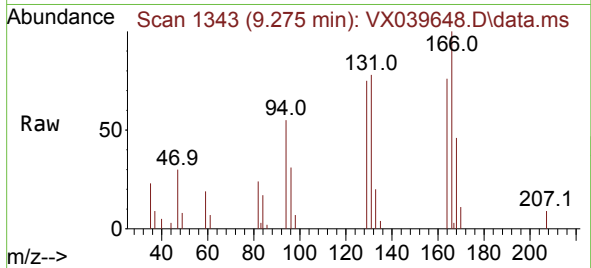




#60
Dibromochloromethane
Concen: 2.644 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

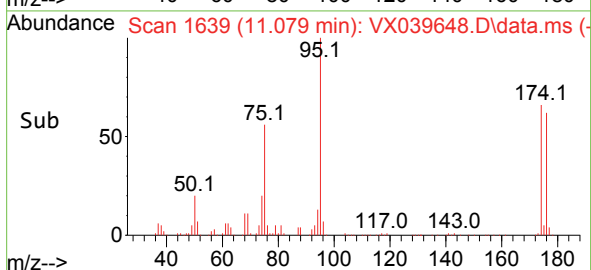
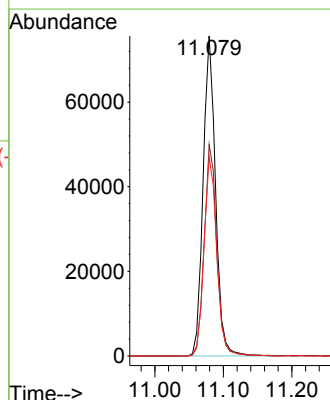
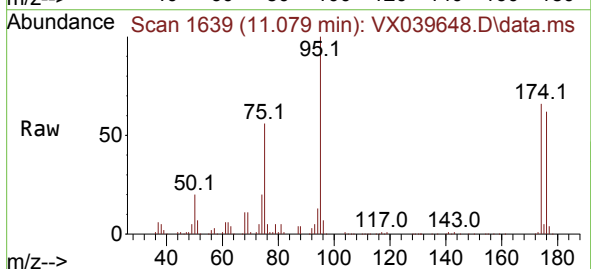
Instrument :
MSVOA_X
ClientSampleId :

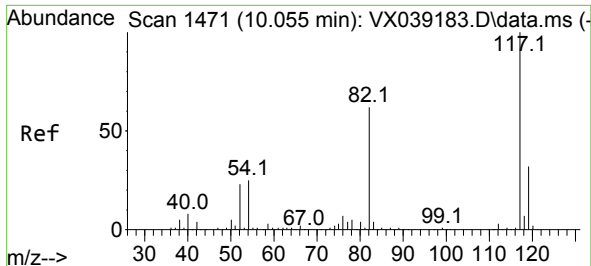
Tgt Ion:129 Resp: 3370
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 55.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 95 Resp: 95598
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 63.7 0.0 131.0

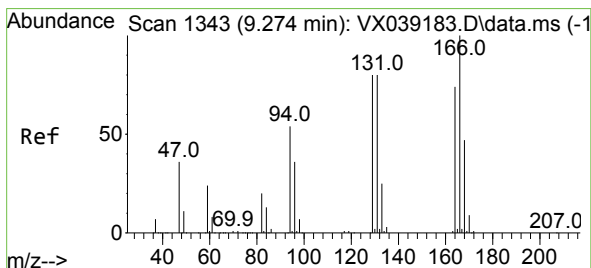
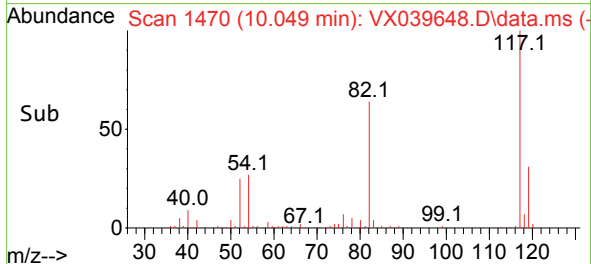
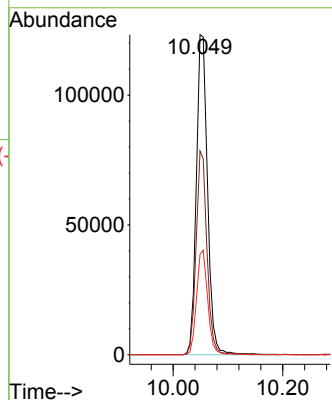
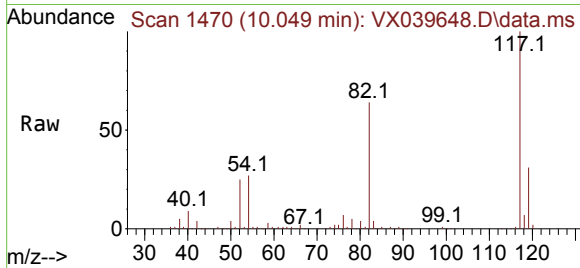




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

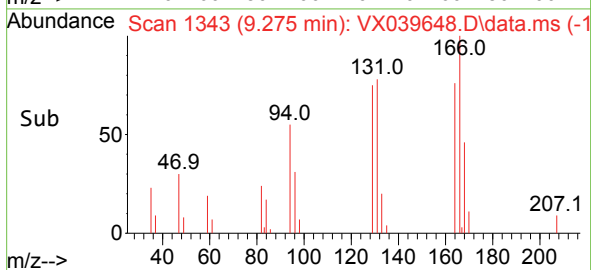
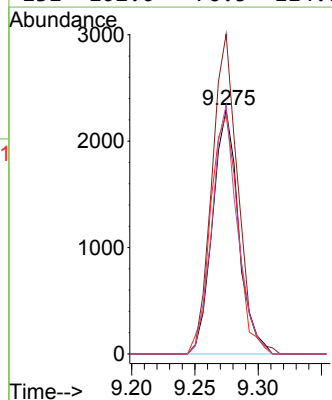
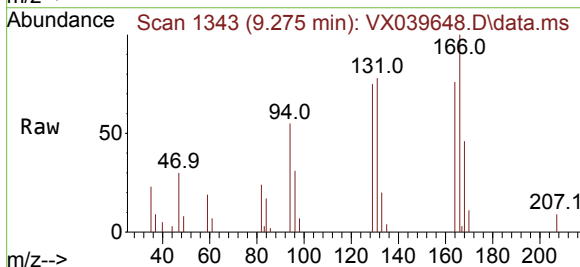
Instrument :
MSVOA_X
ClientSampleId :

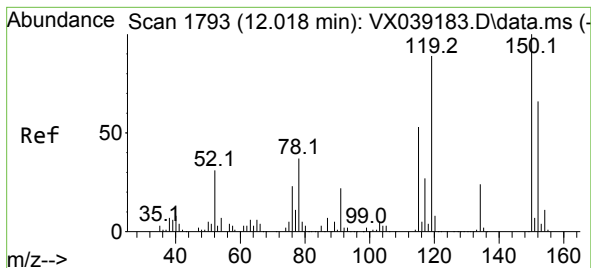
Tgt Ion:117 Resp: 175964
Ion Ratio Lower Upper
117 100
82 63.6 46.2 69.4
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 2.851 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion:164 Resp: 3278
Ion Ratio Lower Upper
164 100
166 131.1 102.7 154.1
129 97.7 80.4 120.6
131 102.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

Instrument :

MSVOA_X

ClientSampleId :

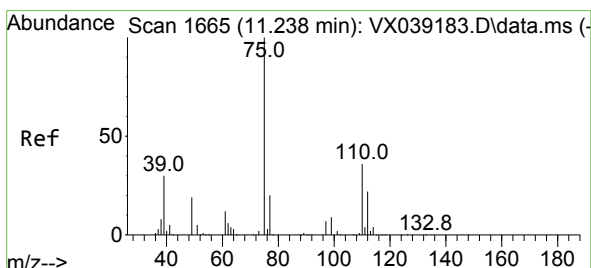
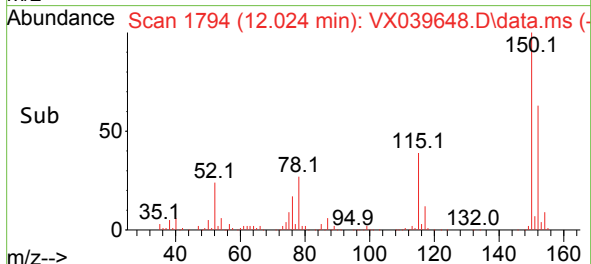
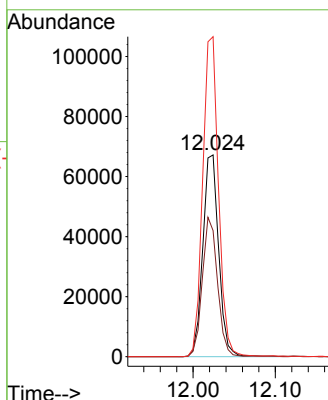
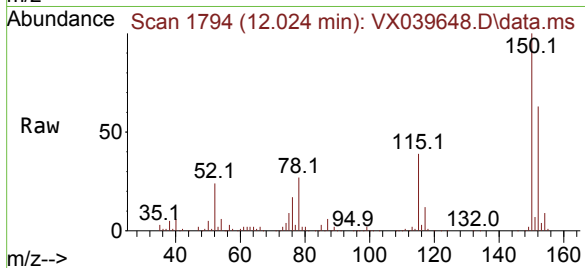
Tgt Ion:152 Resp: 90020

Ion Ratio Lower Upper

152 100

115 66.0 43.3 129.9

150 158.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.833 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039648.D

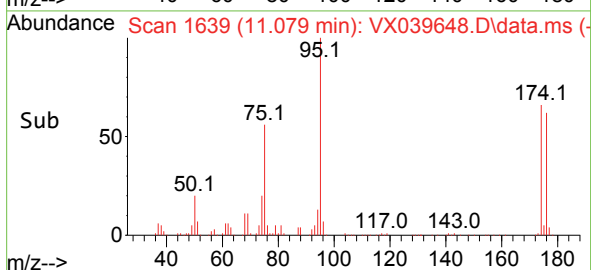
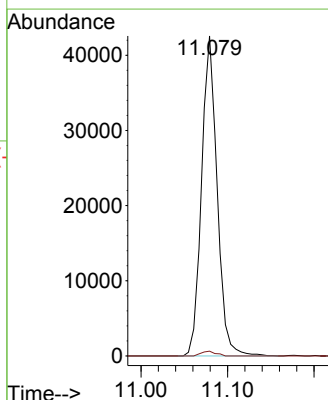
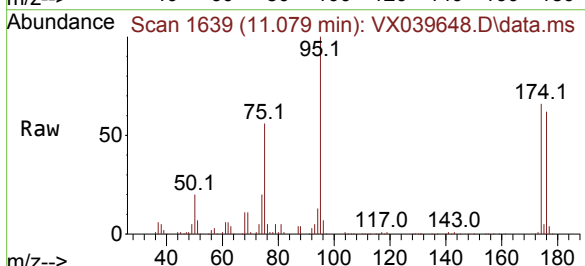
Acq: 05 Jan 2024 14:49

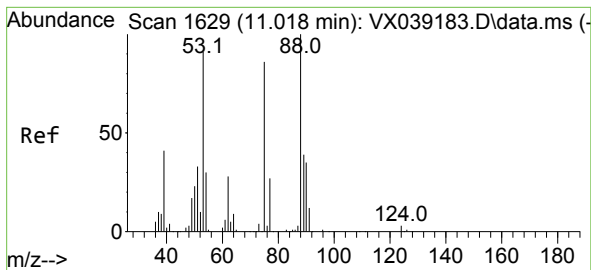
Tgt Ion: 75 Resp: 53178

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.412 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039648.D
 Acq: 05 Jan 2024 14:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 53178
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

