

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040278.D
 Acq On : 16 Feb 2024 15:08
 Operator : JC/MD
 Sample : P1507-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20240214

Quant Time: Feb 17 01:36:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

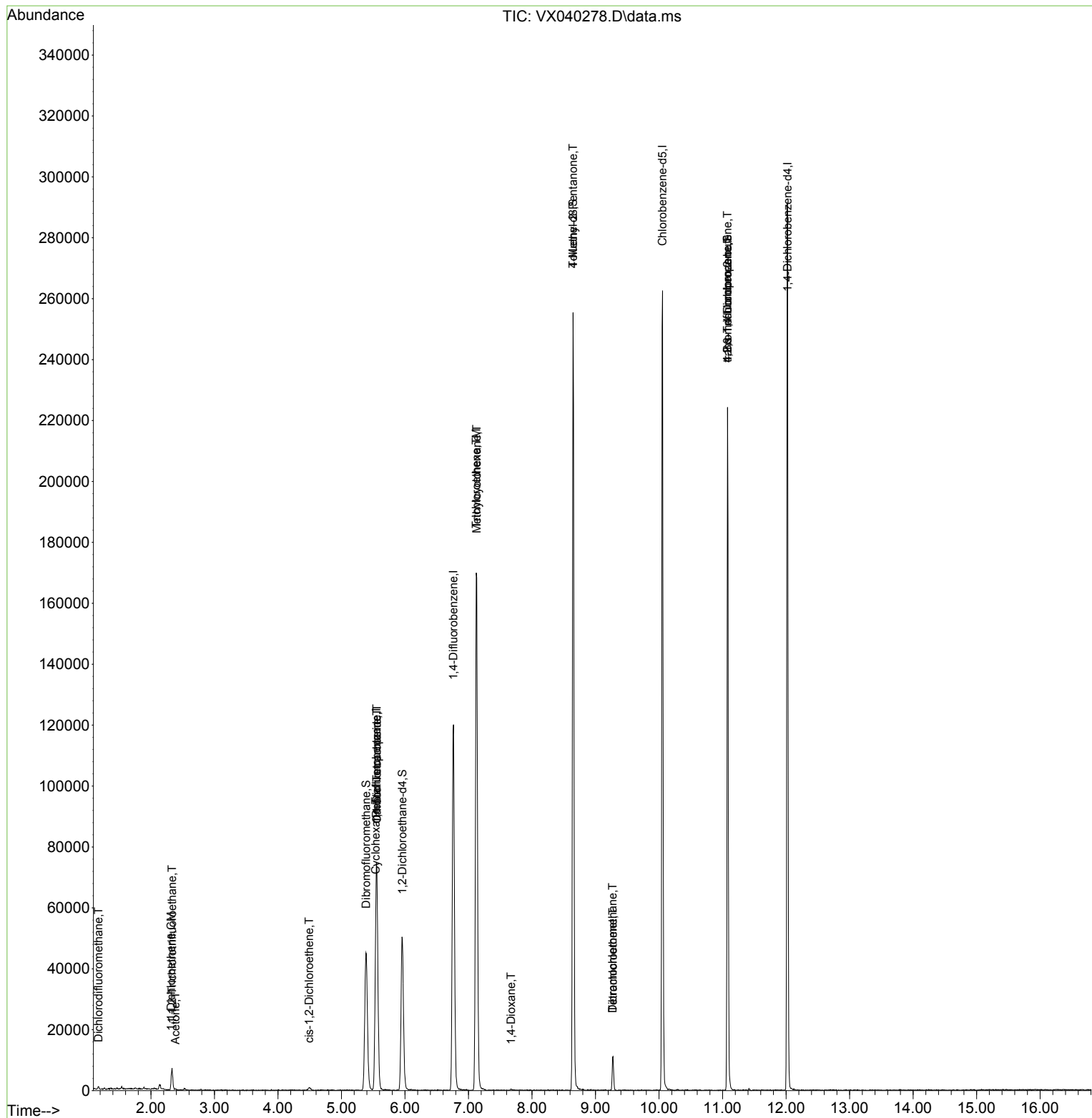
Internal Standards						
1) Pentafluorobenzene	5.550	168	71536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48944	45.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.980%		
35) Dibromofluoromethane	5.385	113	39923	47.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.280%		
50) Toluene-d8	8.647	98	149084	47.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.120%		
62) 4-Bromofluorobenzene	11.079	95	57400	44.424	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	381	0.471	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	2593	3.418	ug/l	96
12) 1,1-Dichloroethene	2.318	96	252	0.345	ug/l #	79
16) Acetone	2.386	43	535	1.224	ug/l #	73
20) Methylene Chloride	2.782	84	199	Below Cal	#	5
27) cis-1,2-Dichloroethene	4.489	96	696	0.733	ug/l	70
31) Cyclohexane	5.537	56	772	0.608	ug/l #	51
36) 1,1-Dichloropropene	5.556	75	5698	4.803	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7374	6.537	ug/l #	14
39) Methylcyclohexane	7.129	83	854	0.619	ug/l #	1
44) Trichloroethene	7.123	130	65381	71.440	ug/l	92
49) 1,4-Dioxane	7.671	88	217	9.460	ug/l #	97
51) 4-Methyl-2-Pentanone	8.647	43	638	0.453	ug/l #	1
60) Dibromochloromethane	9.268	129	2086	2.209	ug/l #	11
64) Tetrachloroethene	9.275	164	1951	2.337	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	31006	24.982	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31006	68.722	ug/l #	5

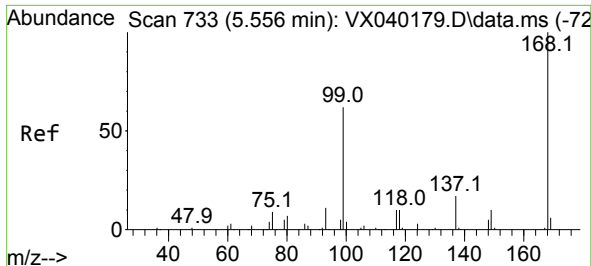
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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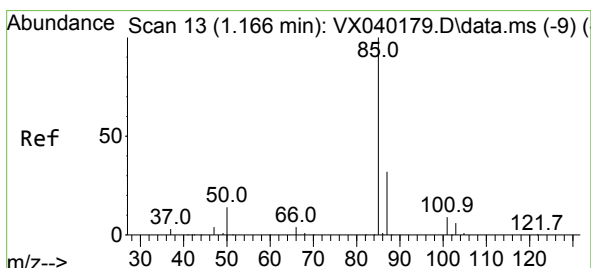
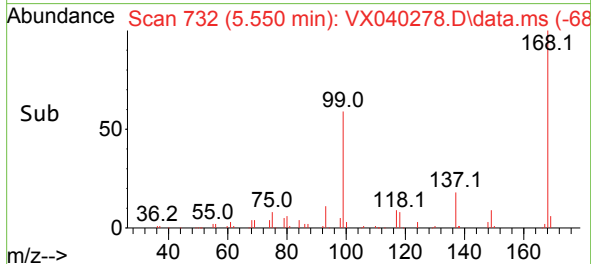
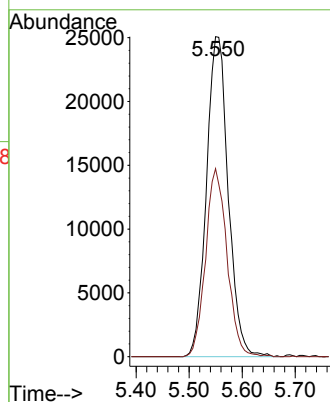
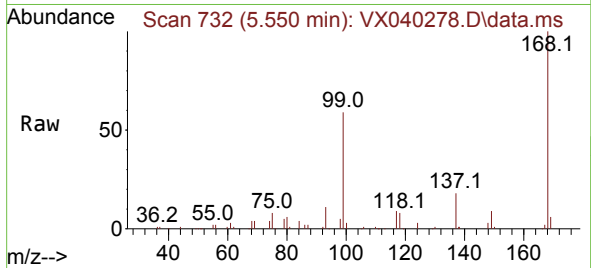




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

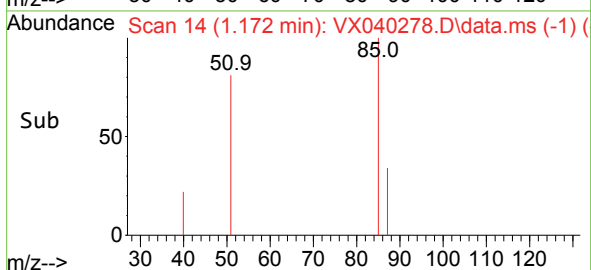
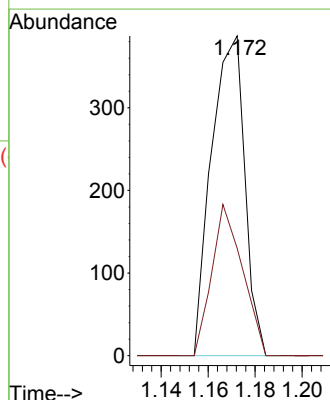
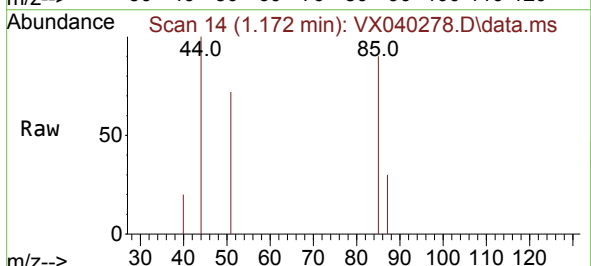
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

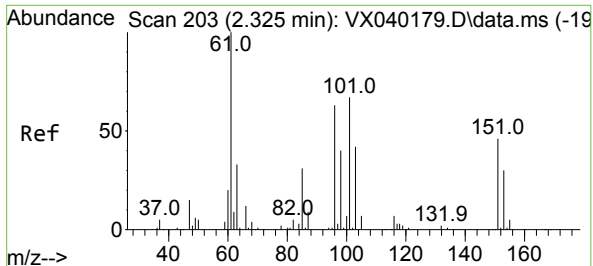
Tgt Ion:168 Resp: 71536
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.471 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 85 Resp: 381
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1

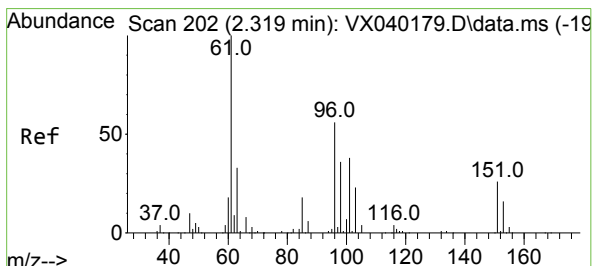
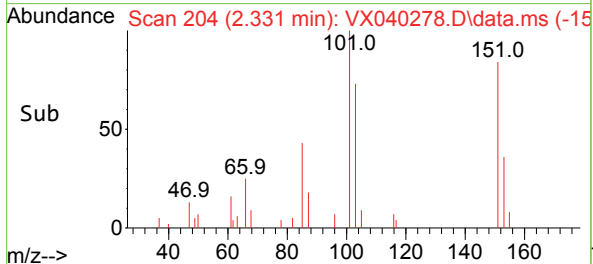
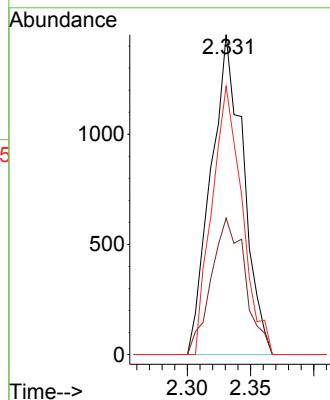
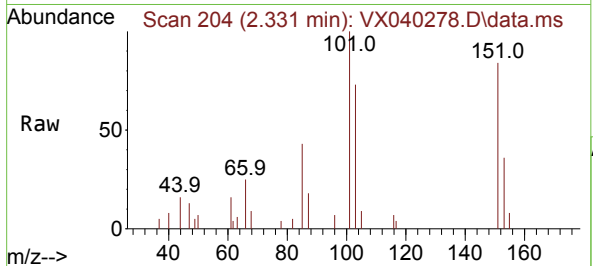




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.418 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

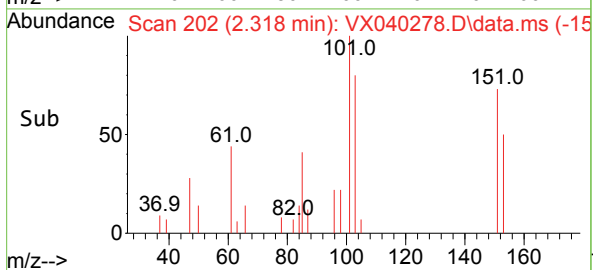
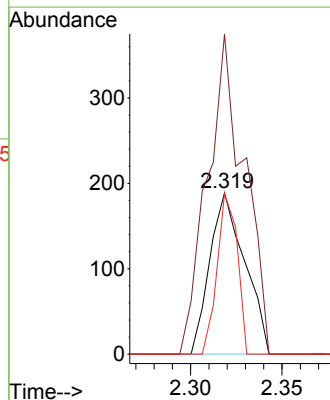
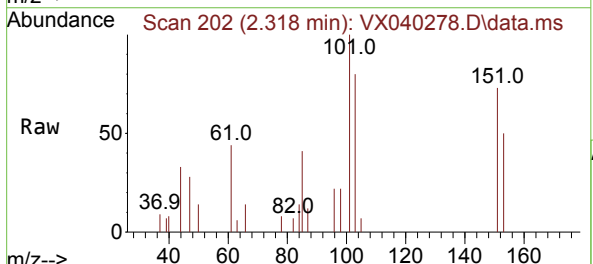
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

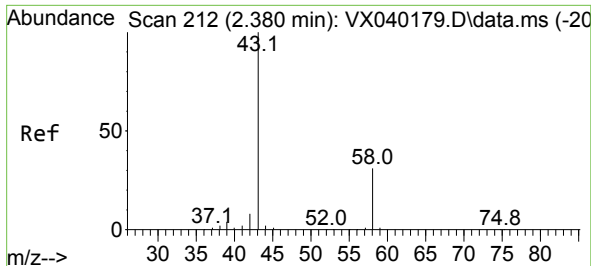
Tgt Ion:101 Resp: 2593
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 78.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 0.345 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 96 Resp: 252
Ion Ratio Lower Upper
96 100
61 198.4 144.6 216.8
98 99.5 50.4 75.6#

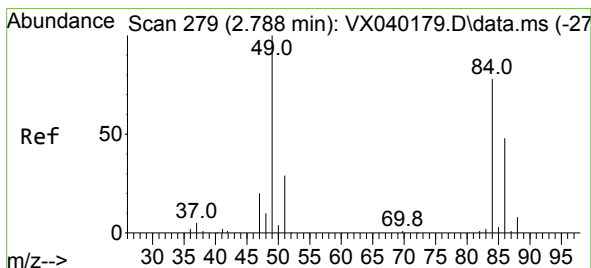
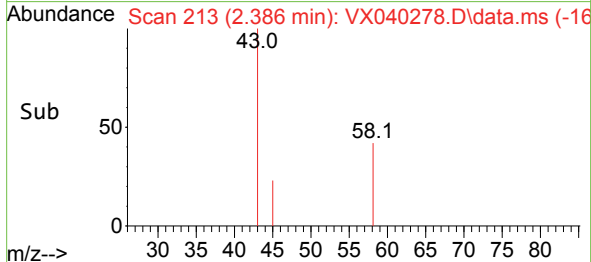
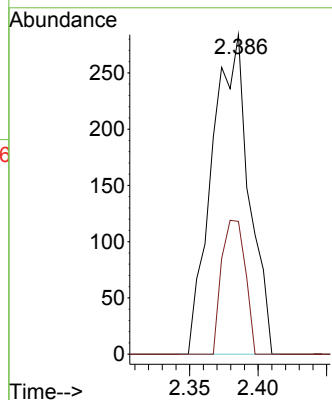
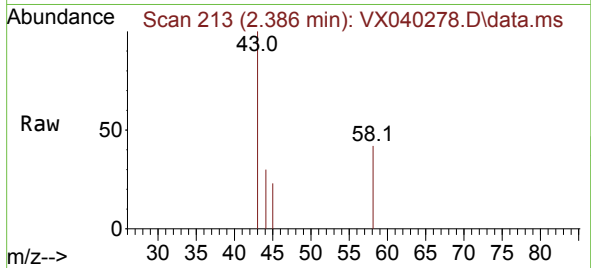




#16
Acetone
Concen: 1.224 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

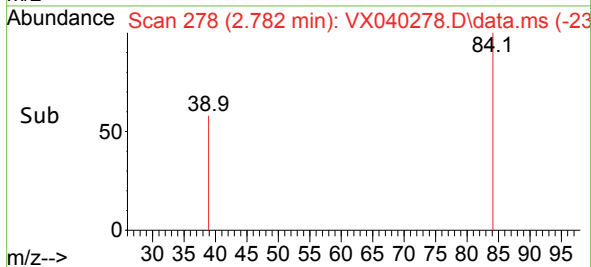
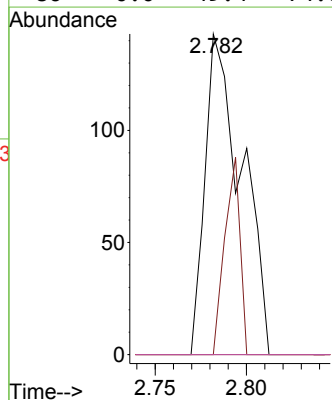
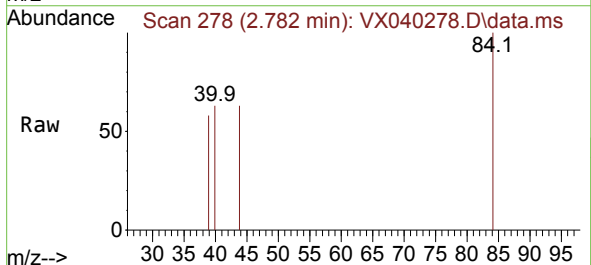
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

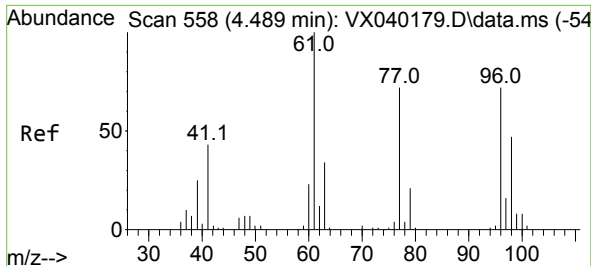
Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
58 41.5 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 84 Resp: 199
Ion Ratio Lower Upper
84 100
49 0.0 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#

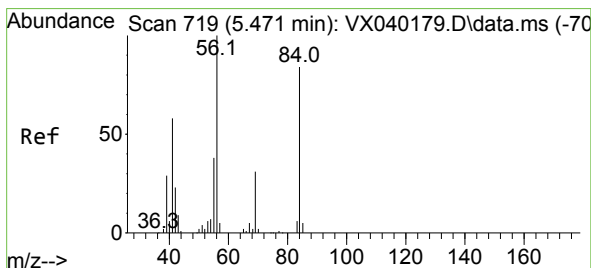
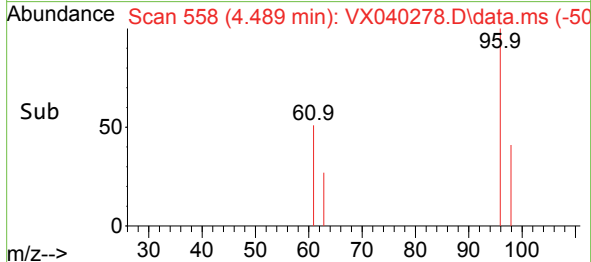
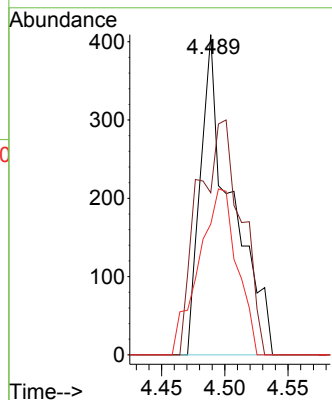
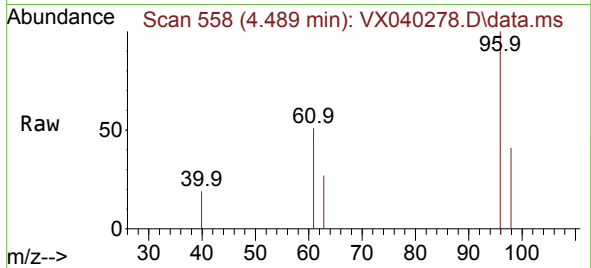




#27
 cis-1,2-Dichloroethene
 Concen: 0.733 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX040278.D
 Acq: 16 Feb 2024 15:08

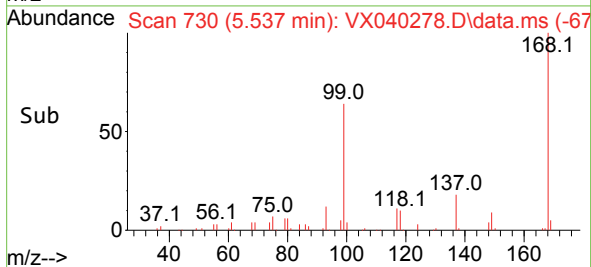
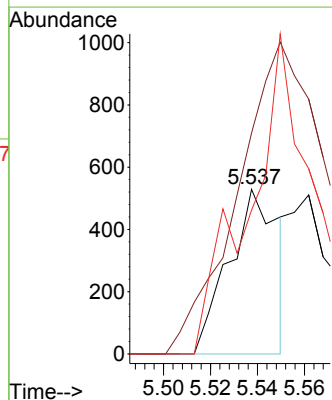
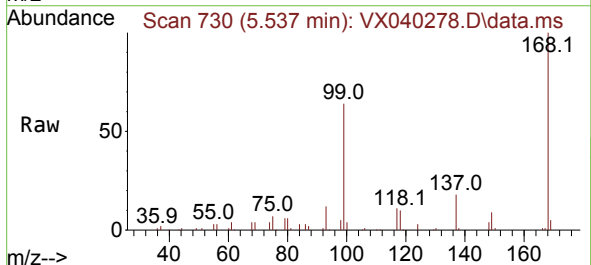
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20240214

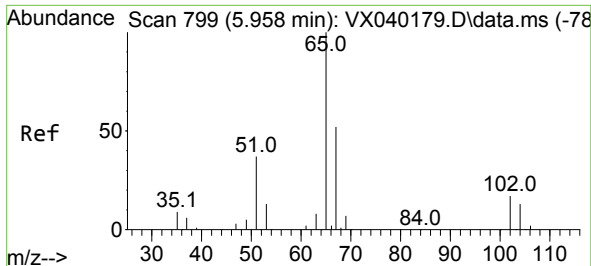
Tgt Ion: 96	Resp:	696
Ion	Ratio	Lower Upper
96	100	
61	101.9	0.0 312.2
98	64.4	0.0 129.0



#31
 Cyclohexane
 Concen: 0.608 ug/l
 RT: 5.537 min Scan# 730
 Delta R.T. 0.067 min
 Lab File: VX040278.D
 Acq: 16 Feb 2024 15:08

Tgt Ion: 56	Resp:	772
Ion	Ratio	Lower Upper
56	100	
69	121.0	23.4 35.2#
84	87.3	65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 45.989 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040278.D

Acq: 16 Feb 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

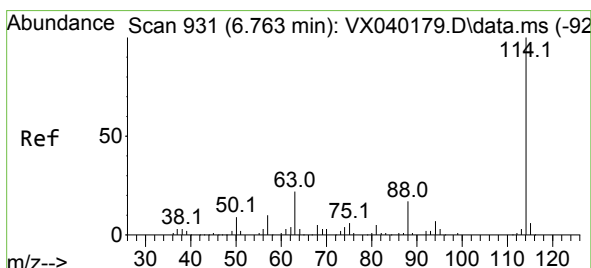
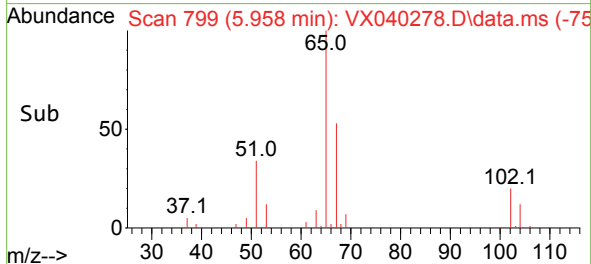
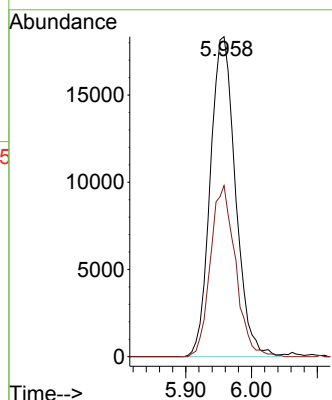
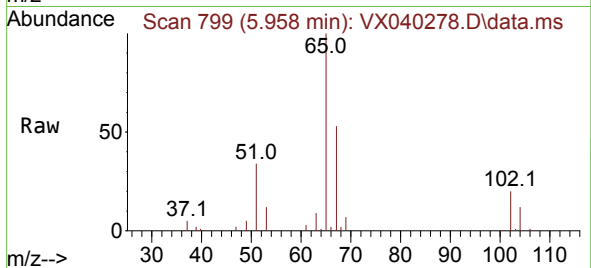
RE132D3-20240214

Tgt Ion: 65 Resp: 48944

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040278.D

Acq: 16 Feb 2024 15:08

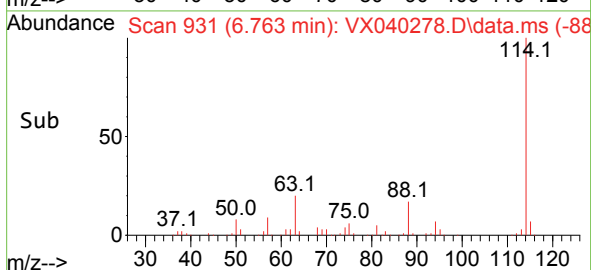
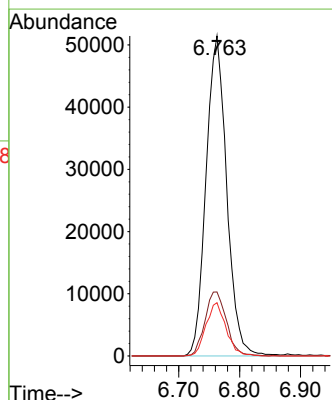
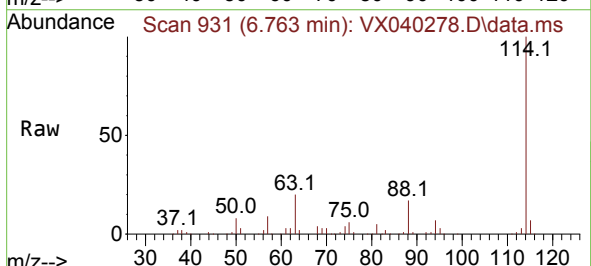
Tgt Ion: 114 Resp: 121279

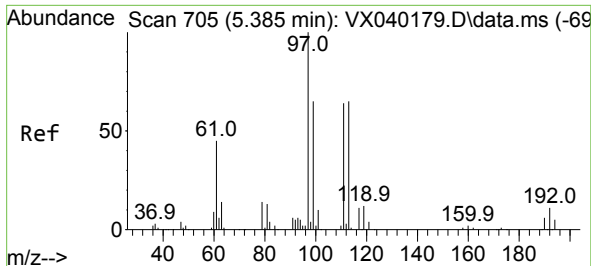
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 16.7 0.0 36.6

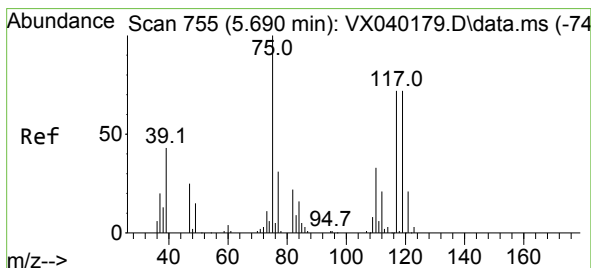
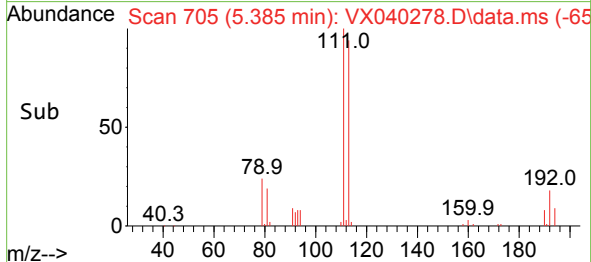
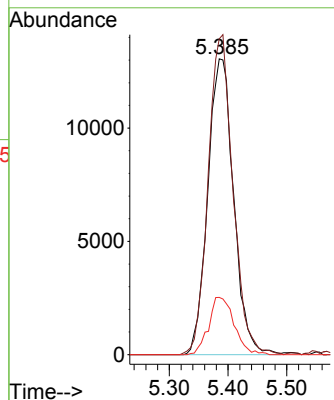
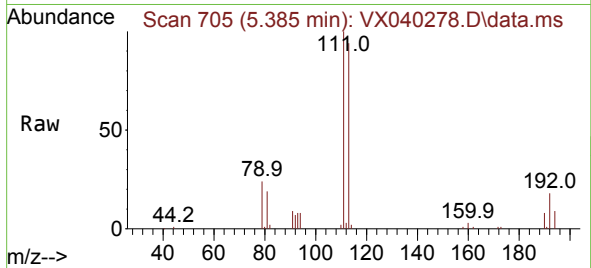




#35
Dibromofluoromethane
Concen: 47.138 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

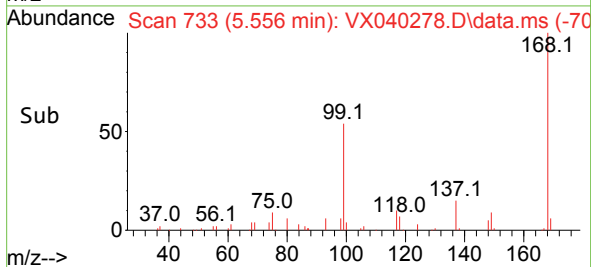
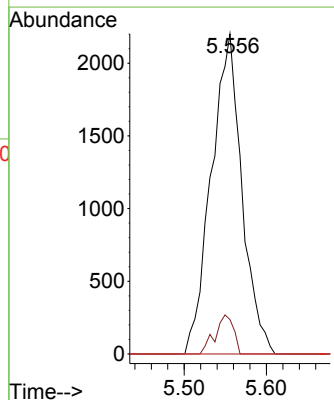
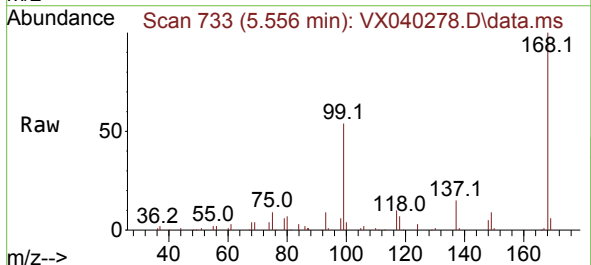
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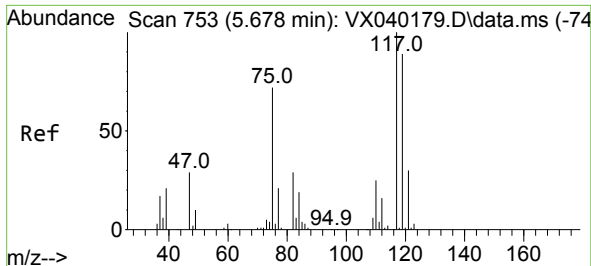
Tgt Ion:113 Resp: 39923
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 75 Resp: 5698
Ion Ratio Lower Upper
75 100
110 7.3 17.0 50.9#
77 0.0 24.7 37.1#

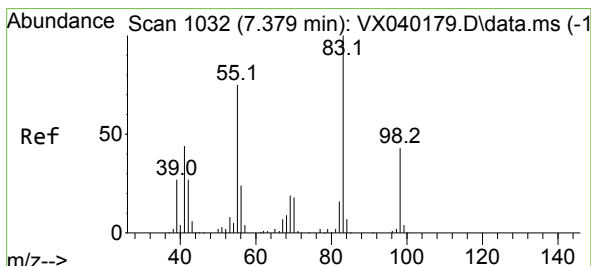
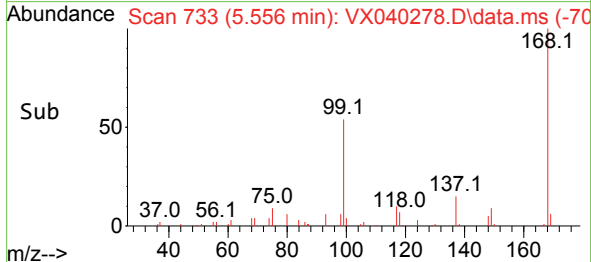
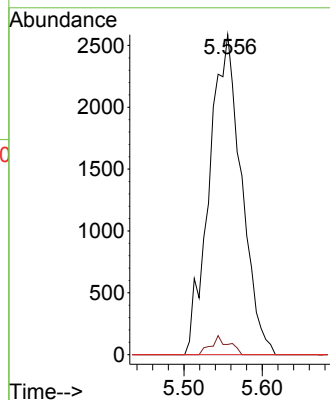
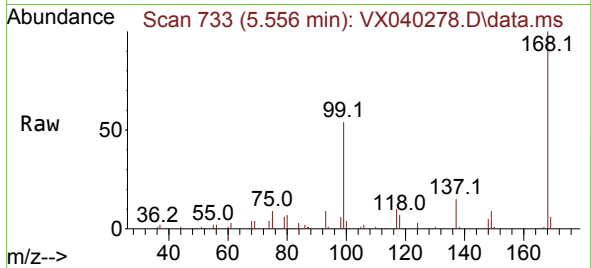




#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

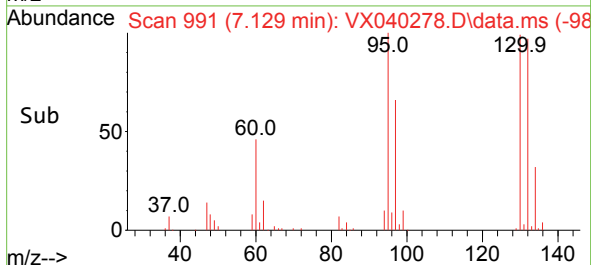
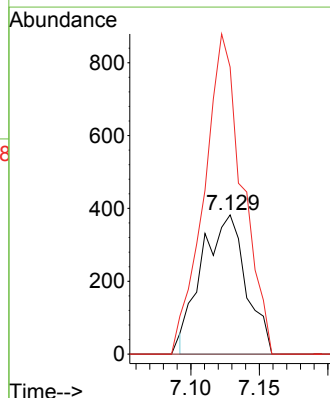
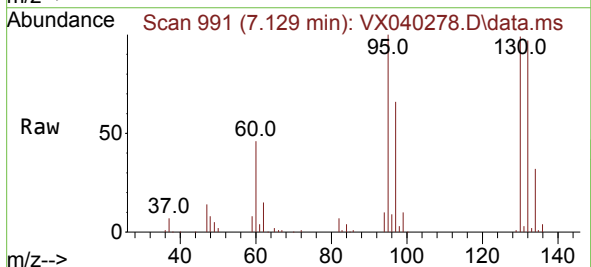
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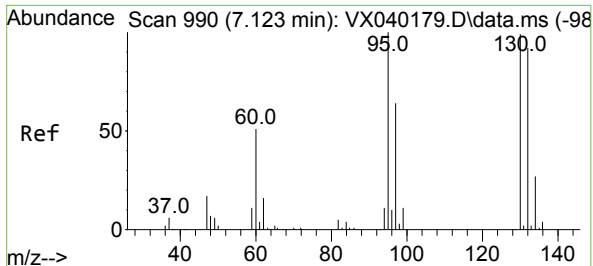
Tgt Ion:117 Resp: 7374
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.619 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 83 Resp: 854
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 206.3 36.7 55.1#

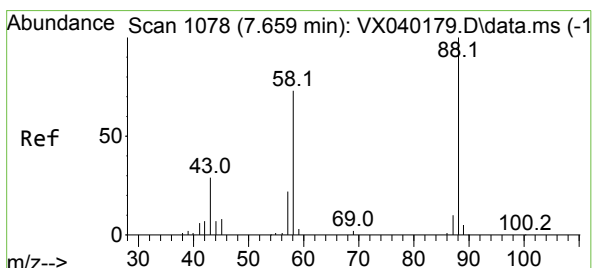
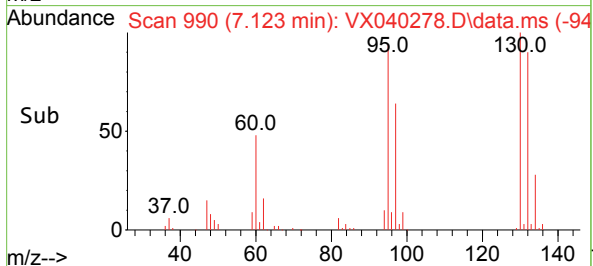
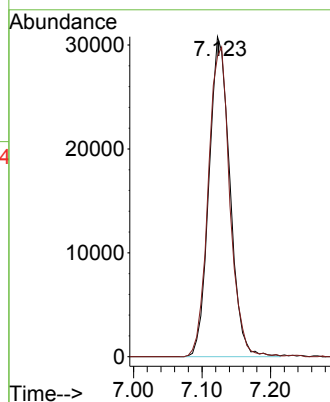
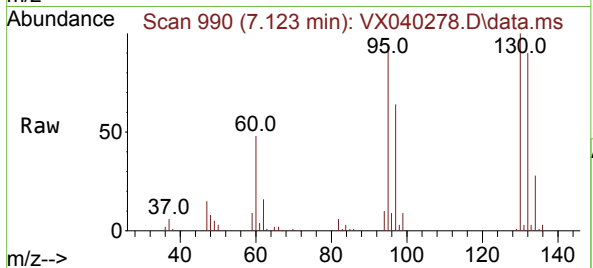




#44
Trichloroethene
Concen: 71.440 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

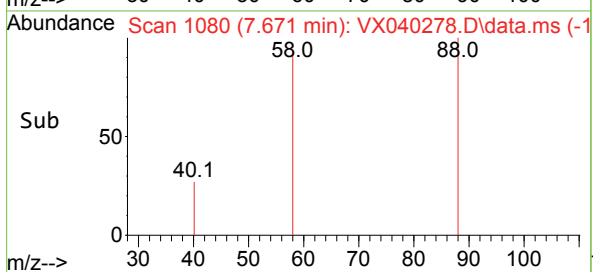
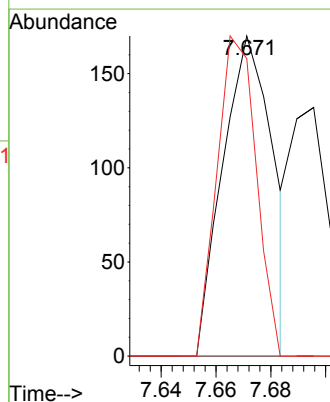
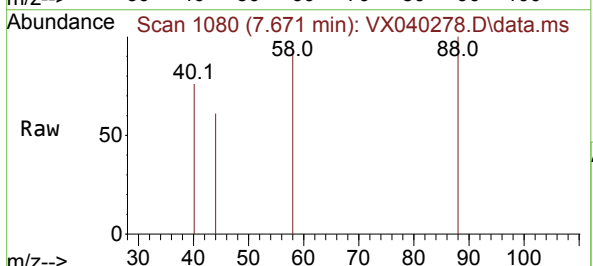
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

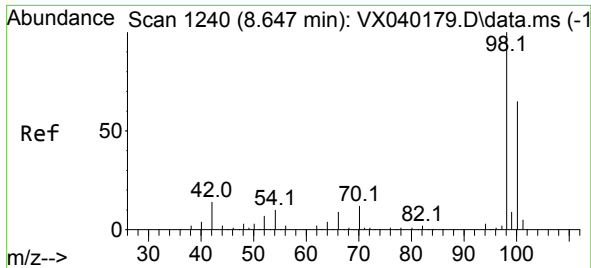
Tgt Ion:130 Resp: 65381
Ion Ratio Lower Upper
130 100
95 93.8 0.0 204.4



#49
1,4-Dioxane
Concen: 9.460 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 88 Resp: 217
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.9 60.1 90.1

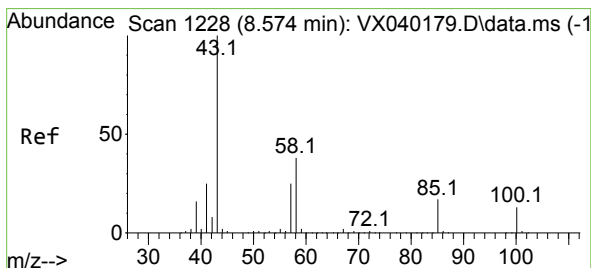
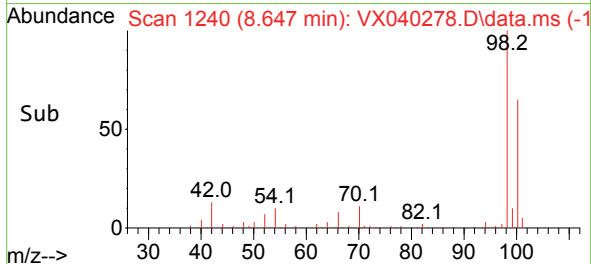
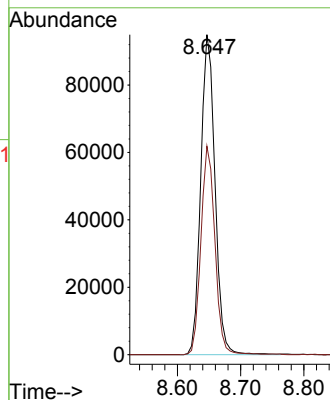
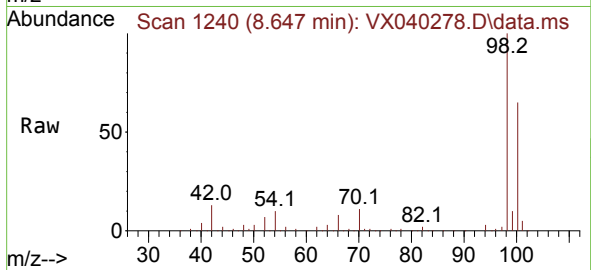




#50
Toluene-d8
Concen: 47.057 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

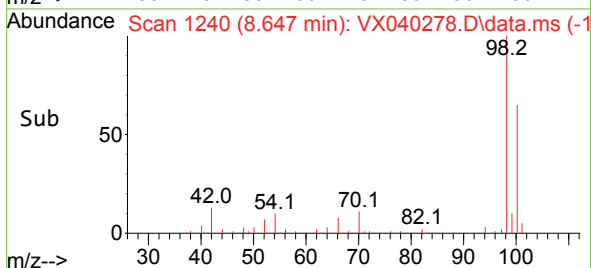
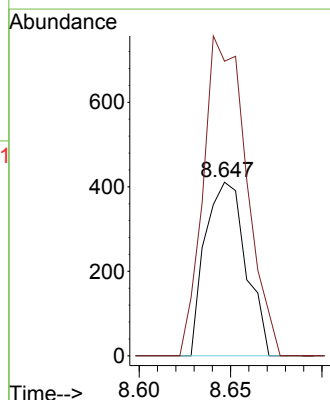
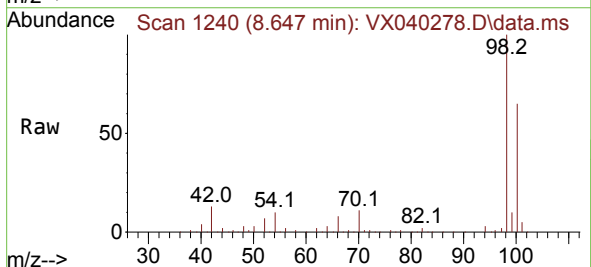
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

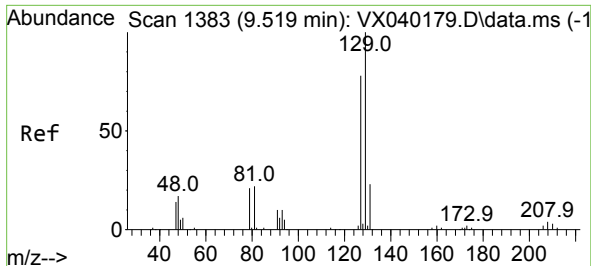
Tgt Ion: 98 Resp: 149084
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 194.0 30.4 45.6#

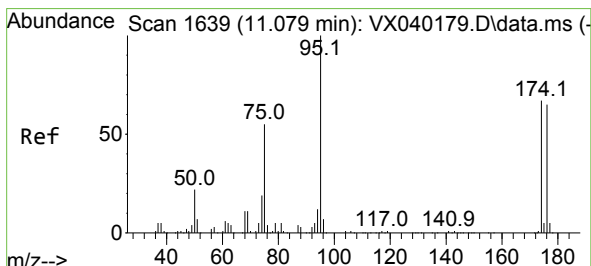
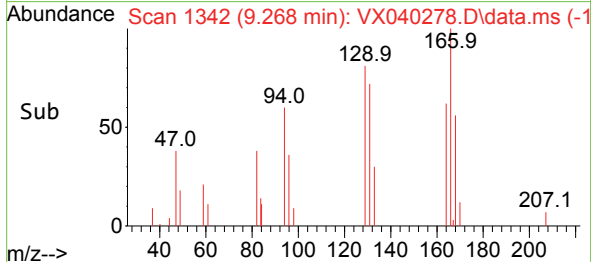
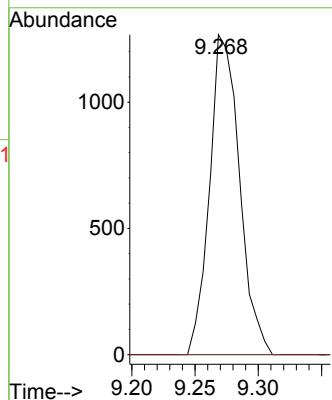
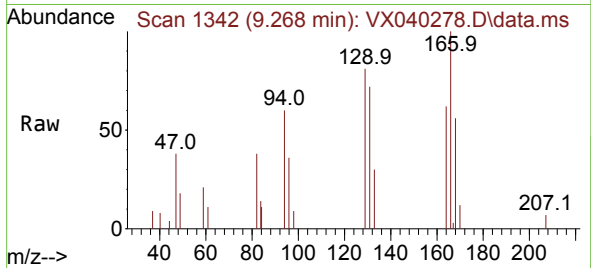




#60
Dibromochloromethane
Concen: 2.209 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

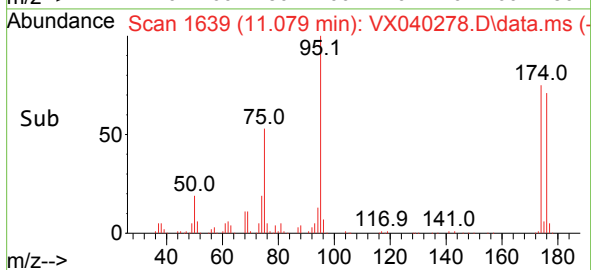
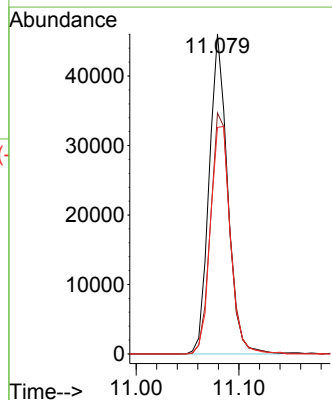
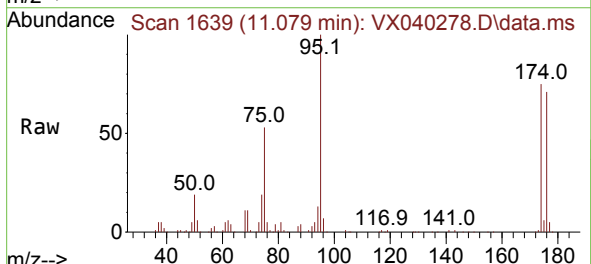
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

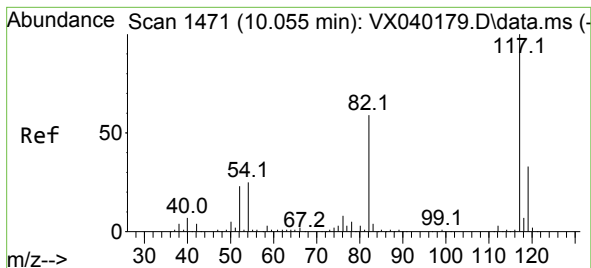
Tgt Ion:129 Resp: 2086
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 95 Resp: 57400
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 77.3 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: VX040278.D

Acq: 16 Feb 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20240214

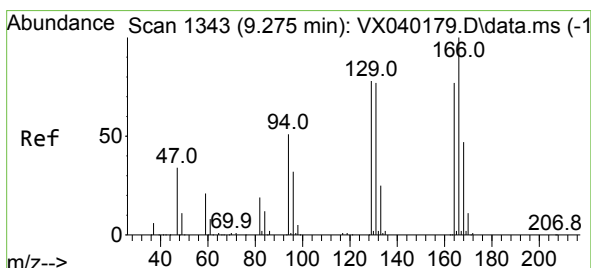
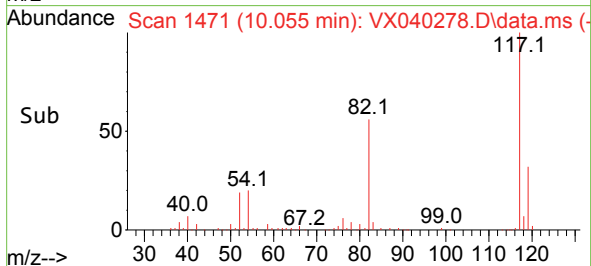
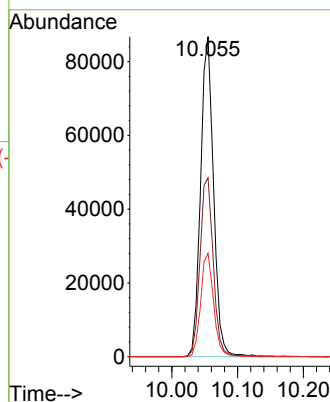
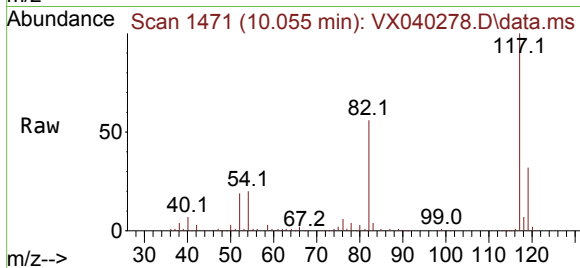
Tgt Ion:117 Resp: 119131

Ion Ratio Lower Upper

117 100

82 55.9 46.2 69.4

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 2.337 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040278.D

Acq: 16 Feb 2024 15:08

Tgt Ion:164 Resp: 1951

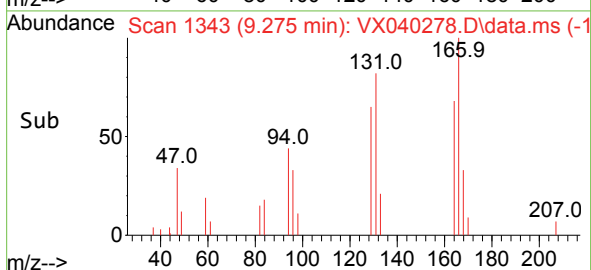
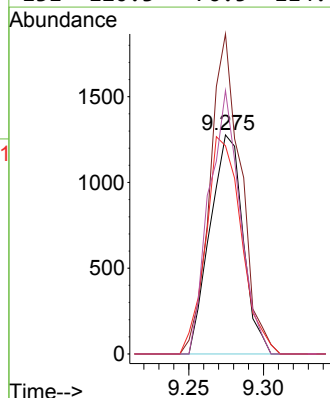
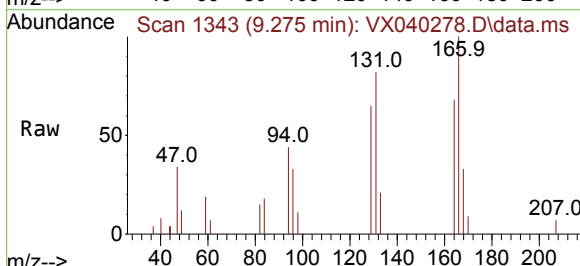
Ion Ratio Lower Upper

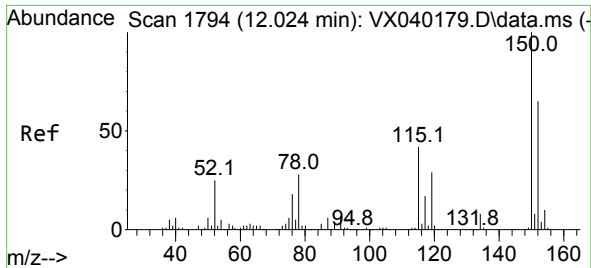
164 100

166 146.1 102.7 154.1

129 95.1 80.4 120.6

131 120.3 76.5 114.7#

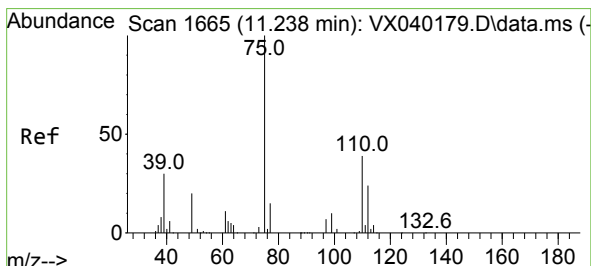
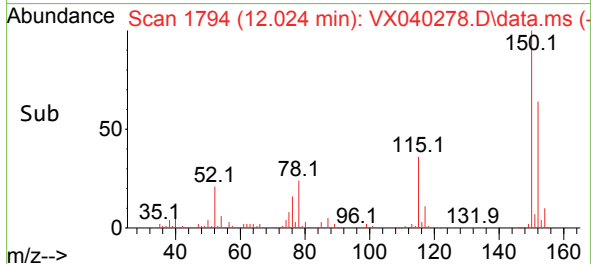
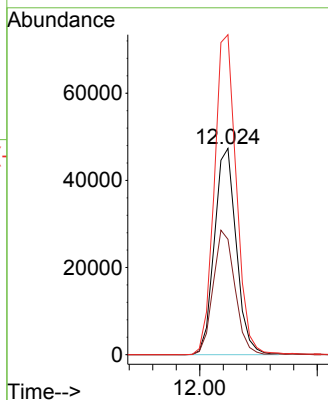
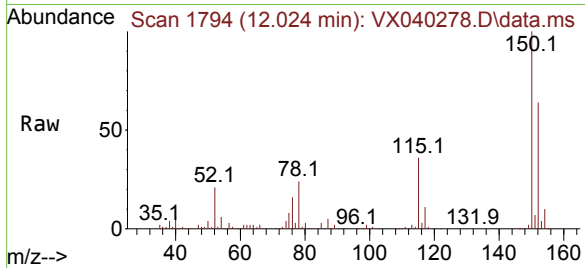




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040278.D
 Acq: 16 Feb 2024 15:08

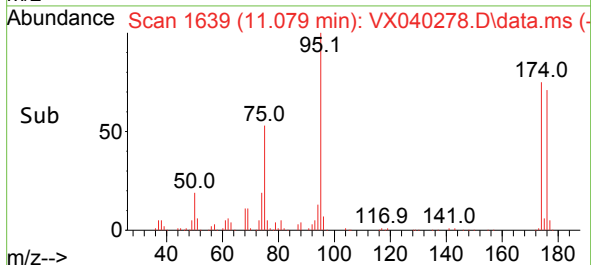
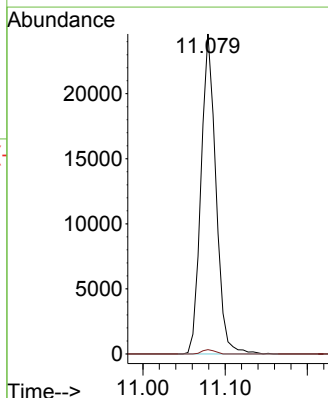
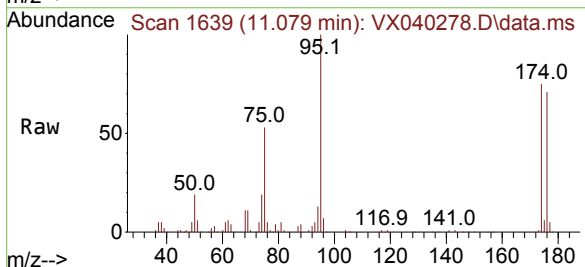
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20240214

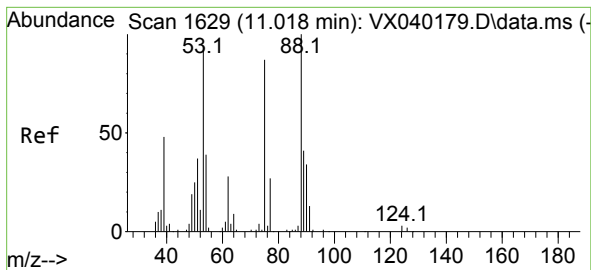
Tgt Ion:152 Resp: 61289
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.3 129.9
 150 156.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.982 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040278.D
 Acq: 16 Feb 2024 15:08

Tgt Ion: 75 Resp: 31006
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.722 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040278.D
 Acq: 16 Feb 2024 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20240214

Tgt Ion: 75 Resp: 31006
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

