

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040279.D
 Acq On : 16 Feb 2024 15:31
 Operator : JC/MD
 Sample : P1507-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20240214

Quant Time: Feb 17 01:37:23 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)

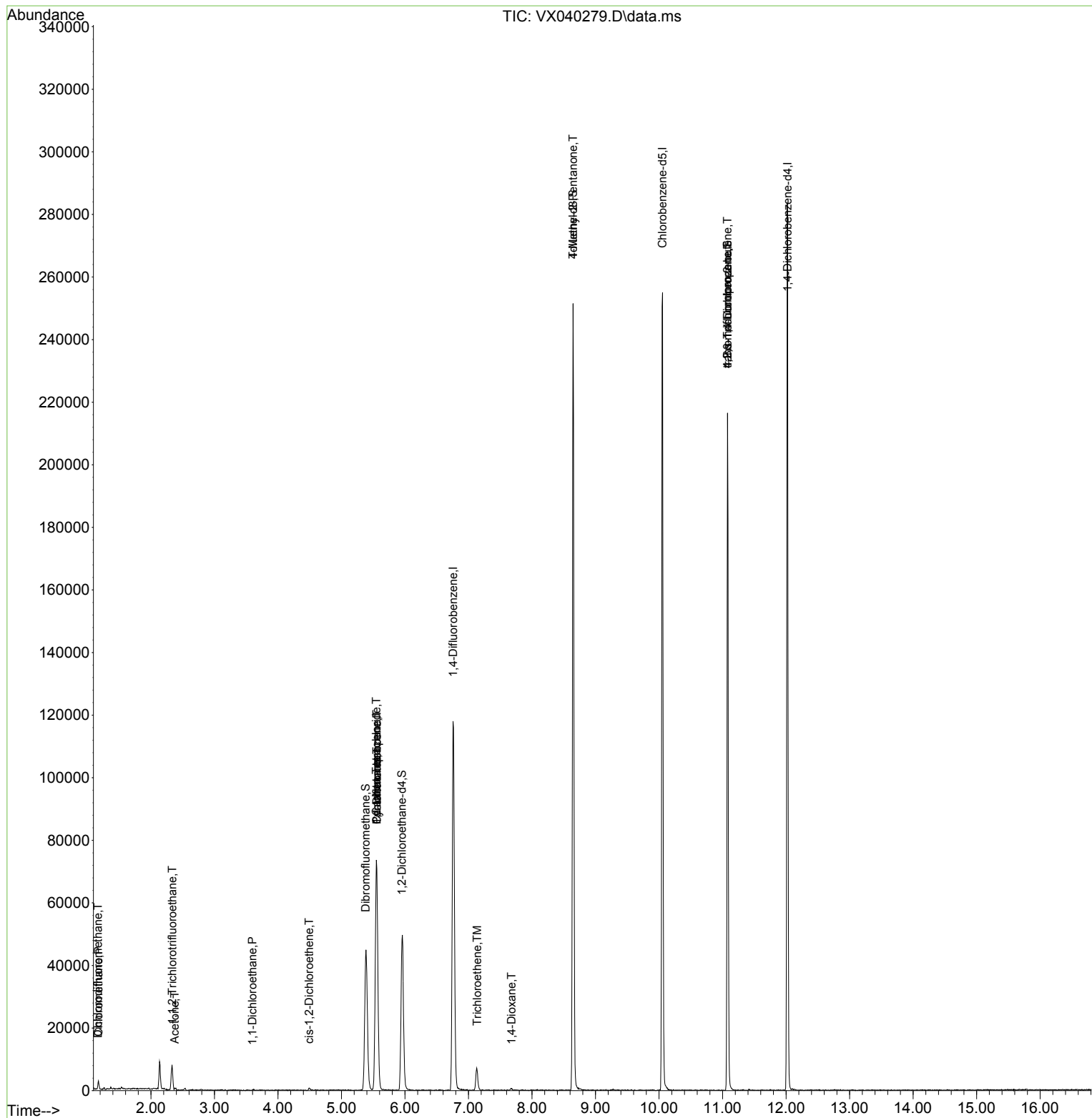
Internal Standards						
1) Pentafluorobenzene	5.556	168	70551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	119785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48308	46.026	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.060%
35) Dibromofluoromethane	5.379	113	39370	47.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.647	98	145198	46.402	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.079	95	57414	44.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1197	1.502	ug/l	98
3) Chloromethane	1.173	50	189	0.230	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.337	101	2986	3.991	ug/l	97
16) Acetone	2.374	43	491	1.139	ug/l	# 71
20) Methylene Chloride	2.800	84	183	Below Cal	#	39
24) 1,1-Dichloroethane	3.599	63	373	0.253	ug/l	# 83
27) cis-1,2-Dichloroethene	4.489	96	268	0.286	ug/l	63
31) Cyclohexane	5.556	56	1450	1.158	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	5678	4.845	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	7476	6.710	ug/l	# 17
44) Trichloroethene	7.135	130	3042	3.365	ug/l	73
49) 1,4-Dioxane	7.678	88	523	23.083	ug/l	# 61
51) 4-Methyl-2-Pentanone	8.647	43	585	0.421	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	30271	25.659	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	30271	70.487	ug/l	# 5

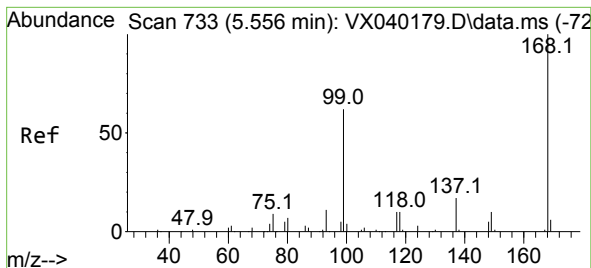
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

Instrument :

MSVOA_X

ClientSampleId :

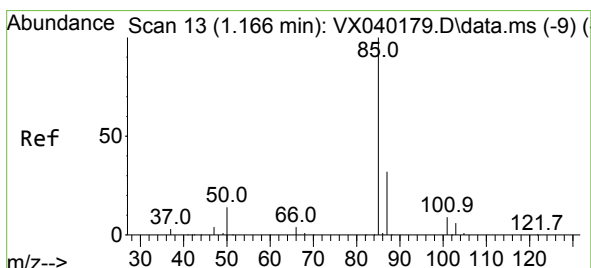
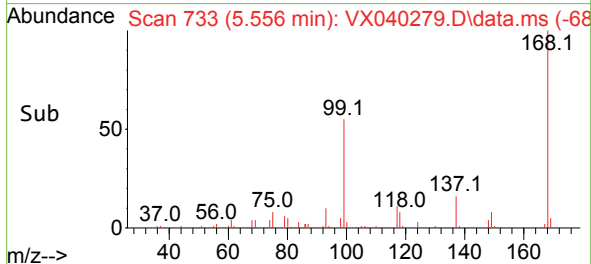
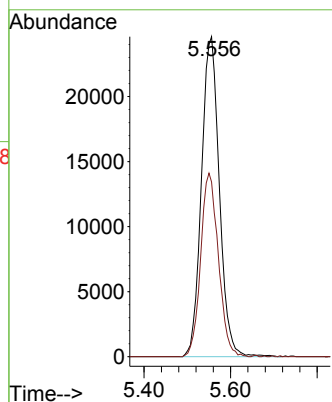
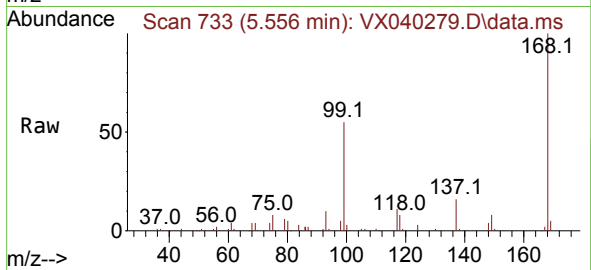
RE132D2-20240214

Tgt Ion:168 Resp: 70551

Ion Ratio Lower Upper

168 100

99 54.6 56.6 85.0#



#2

Dichlorodifluoromethane

Concen: 1.502 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX040279.D

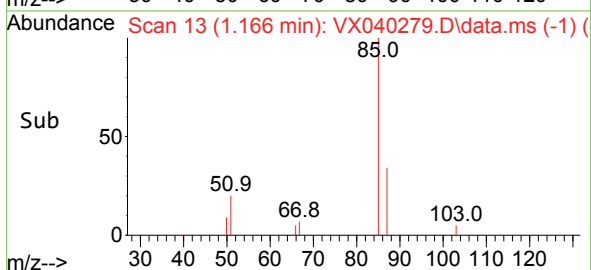
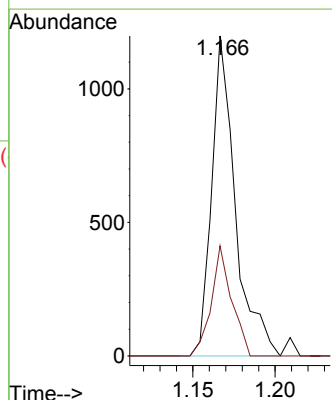
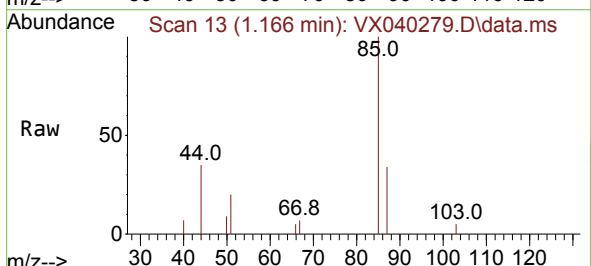
Acq: 16 Feb 2024 15:31

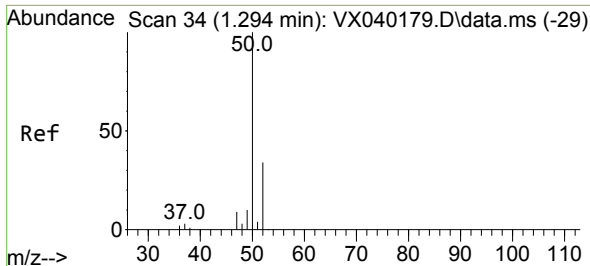
Tgt Ion: 85 Resp: 1197

Ion Ratio Lower Upper

85 100

87 34.4 16.7 50.1

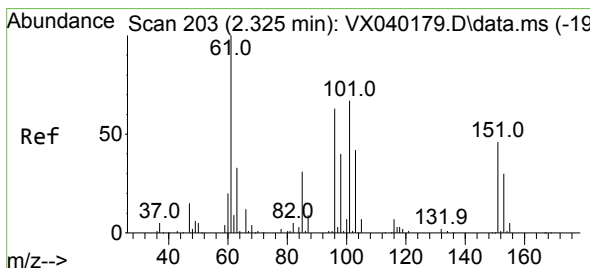
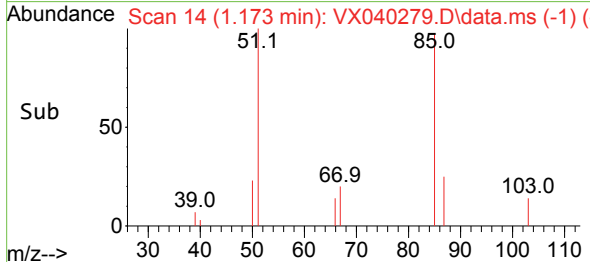
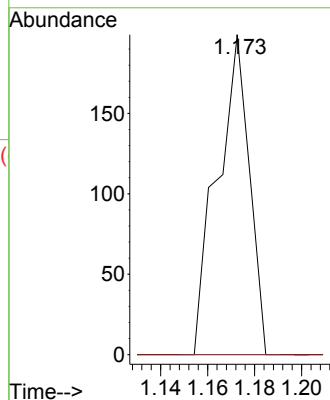
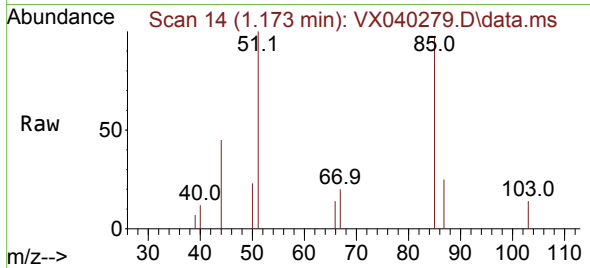




#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.122 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

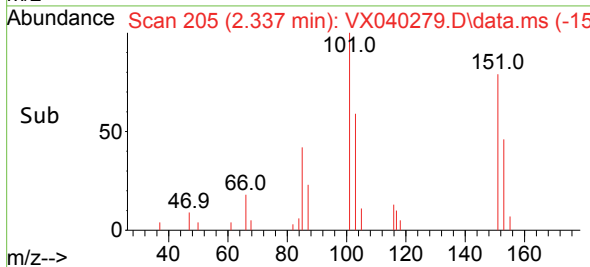
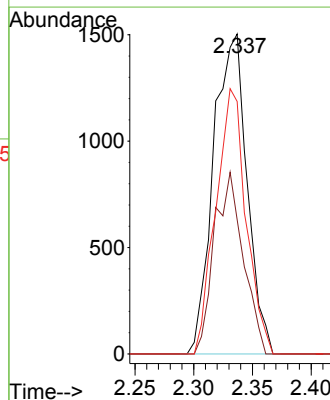
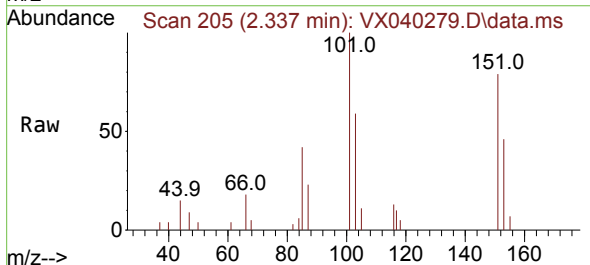
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

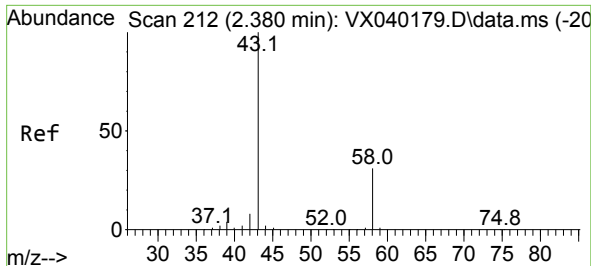
Tgt Ion: 50 Resp: 189
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.991 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 101 Resp: 2986
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 74.8 58.6 87.8

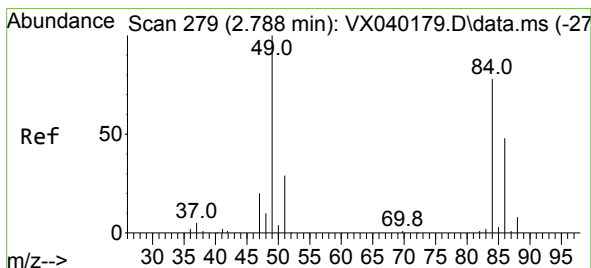
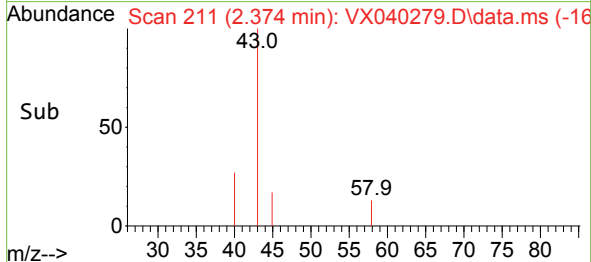
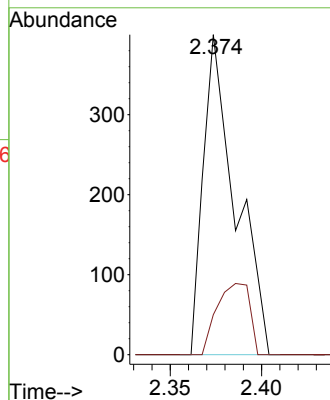
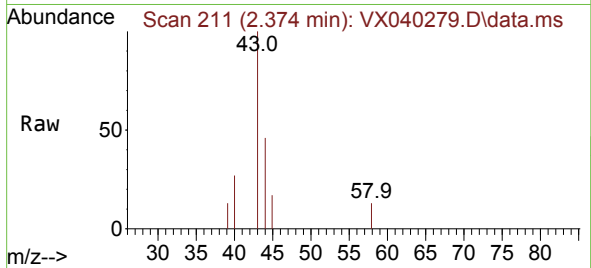




#16
Acetone
Concen: 1.139 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

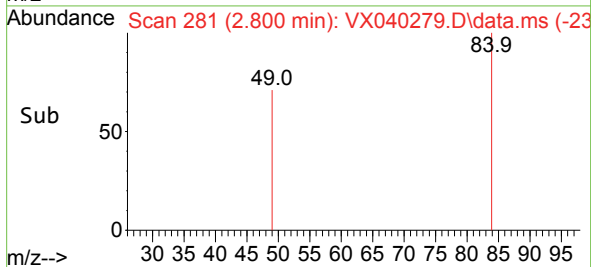
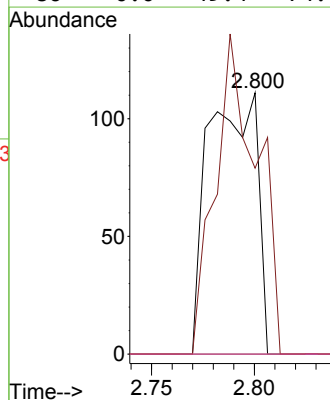
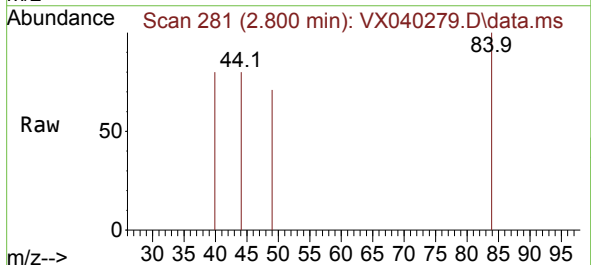
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

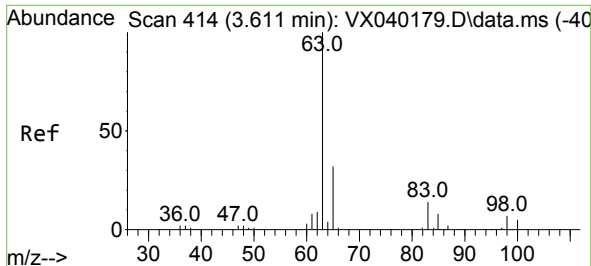
Tgt Ion: 43 Resp: 491
Ion Ratio Lower Upper
43 100
58 12.5 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 84 Resp: 183
Ion Ratio Lower Upper
84 100
49 71.2 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#





#24

1,1-Dichloroethane

Concen: 0.253 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20240214

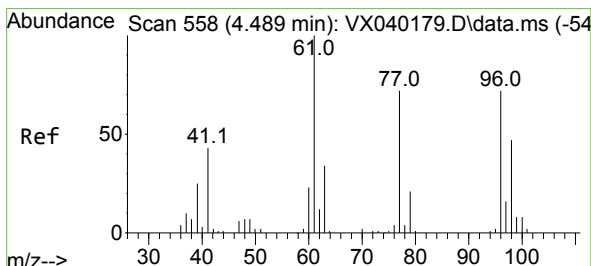
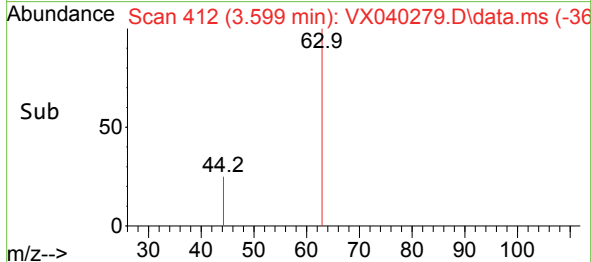
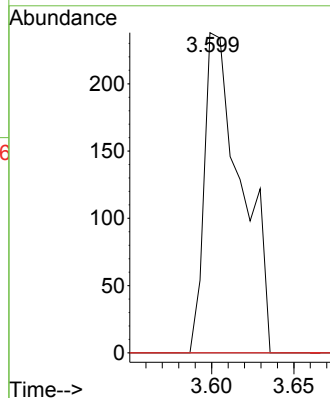
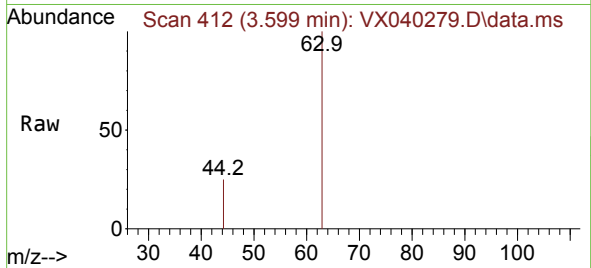
Tgt Ion: 63 Resp: 373

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: 0.286 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

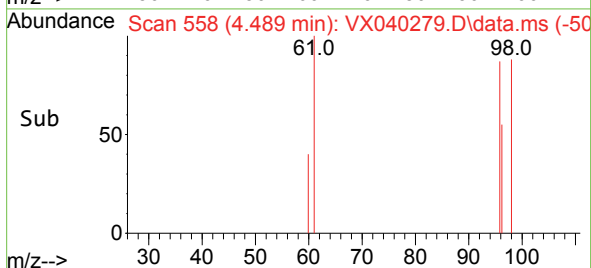
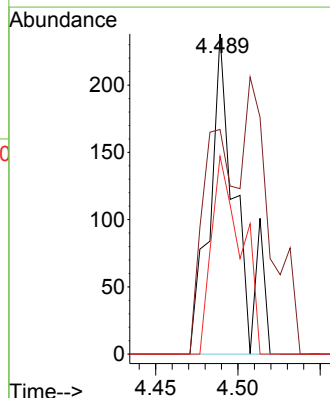
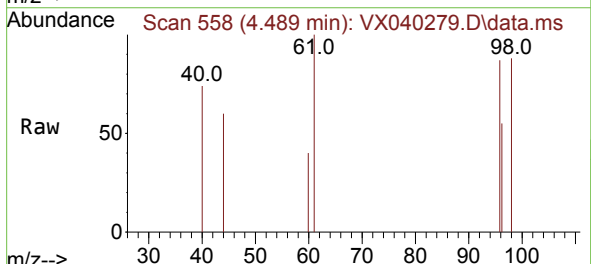
Tgt Ion: 96 Resp: 268

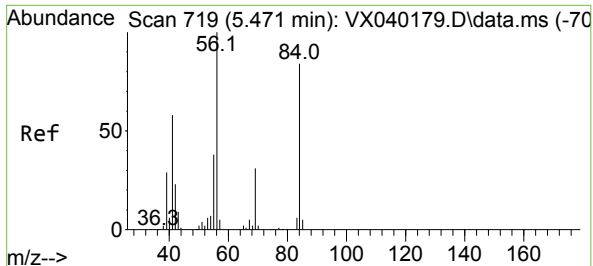
Ion Ratio Lower Upper

96 100

61 91.8 0.0 312.2

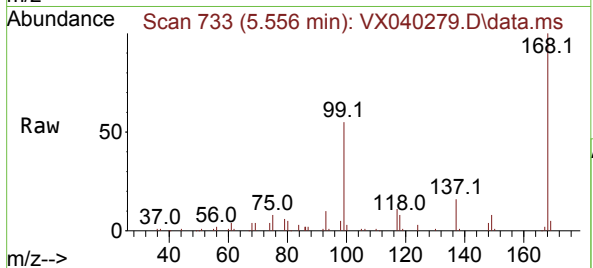
98 68.7 0.0 129.0



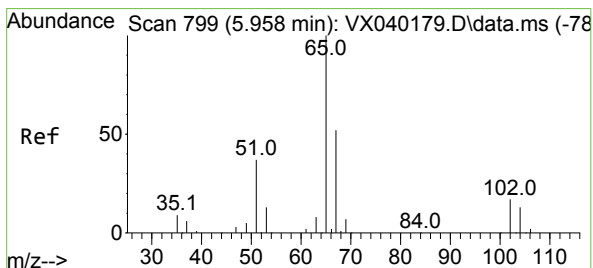
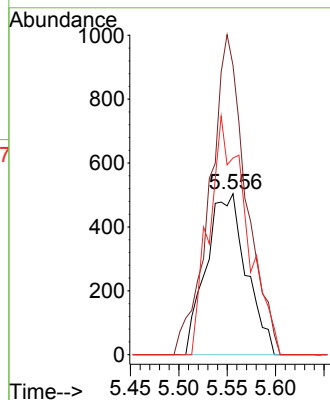
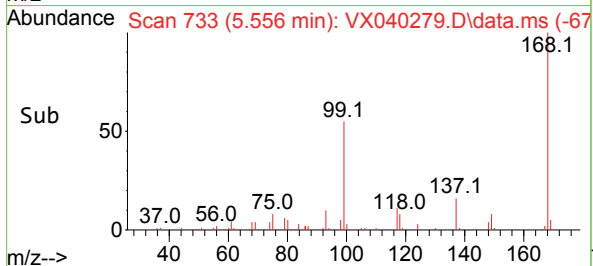


#31
Cyclohexane
Concen: 1.158 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

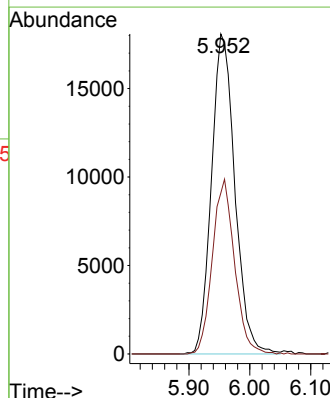
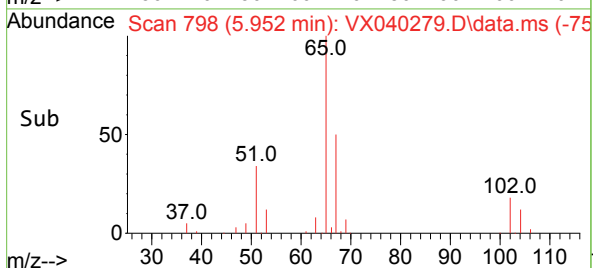
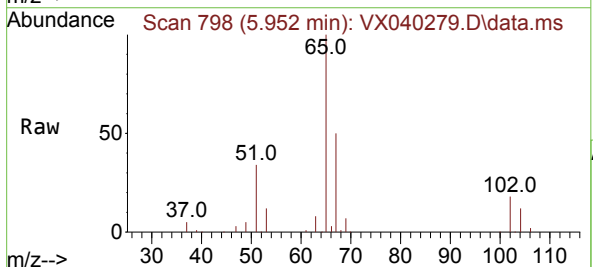


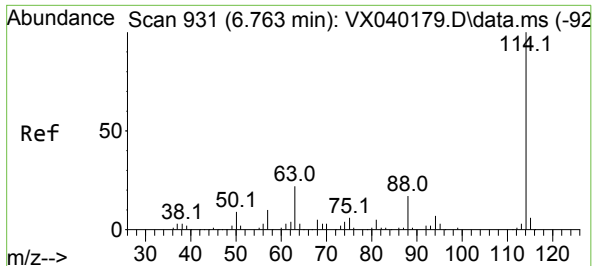
Tgt Ion: 56 Resp: 1450
Ion Ratio Lower Upper
56 100
69 179.8 23.4 35.2#
84 122.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.026 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 65 Resp: 48308
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20240214

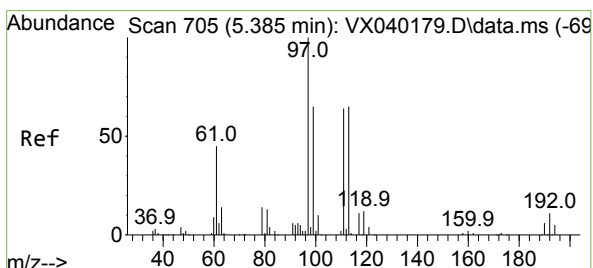
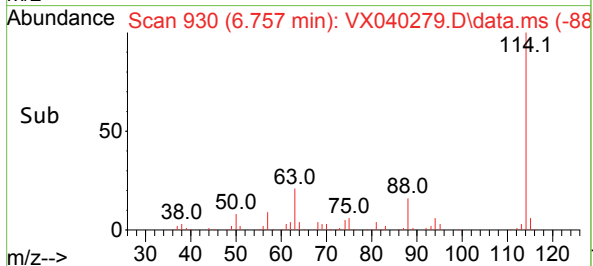
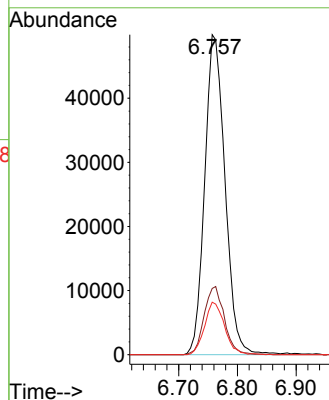
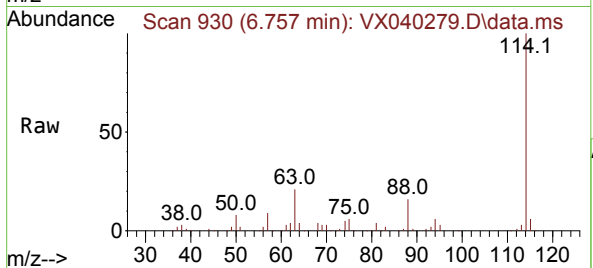
Tgt Ion:114 Resp: 119785

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.064 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

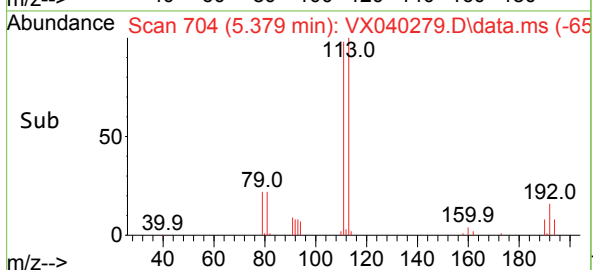
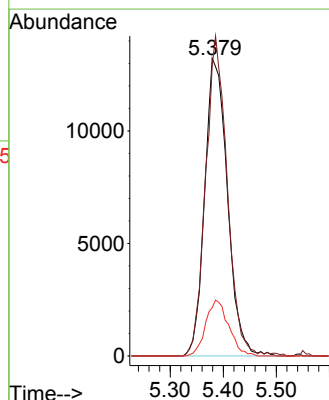
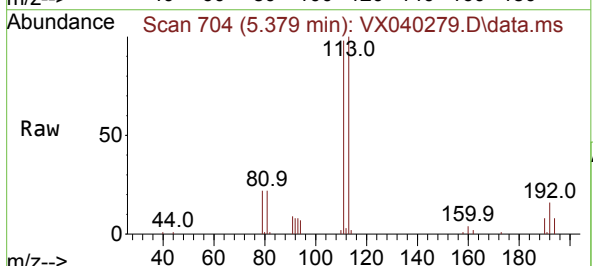
Tgt Ion:113 Resp: 39370

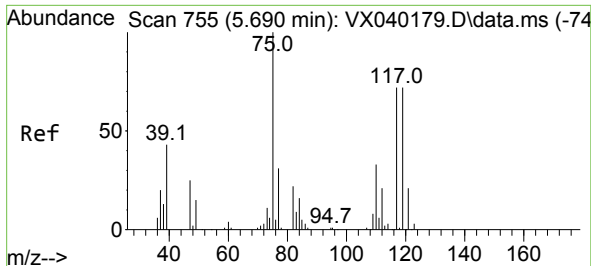
Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.9 13.3 19.9

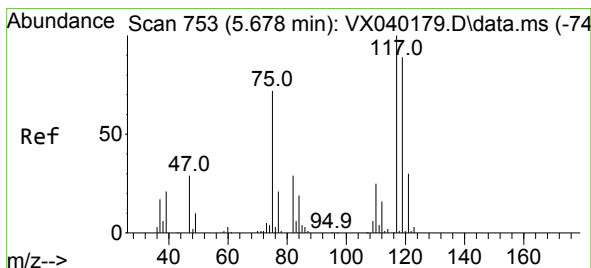
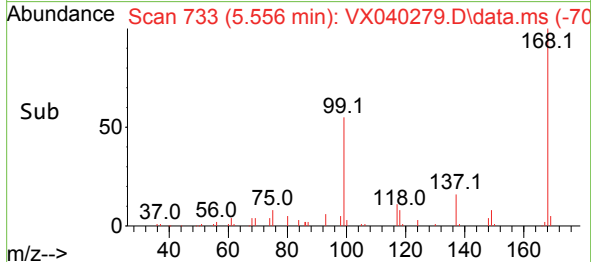
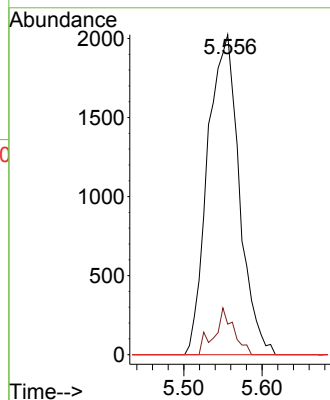
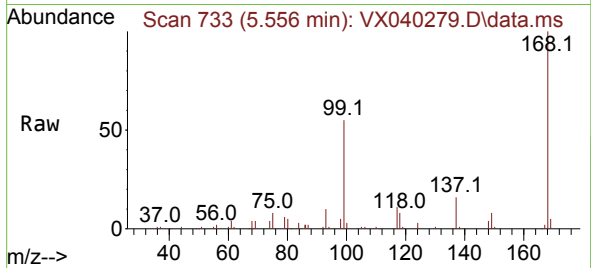




#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

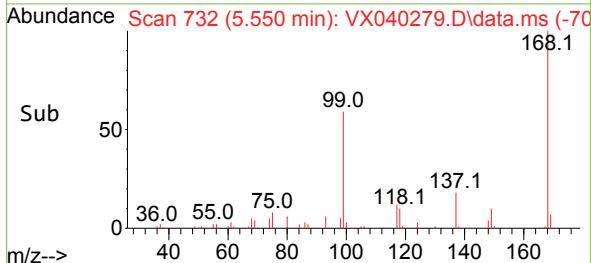
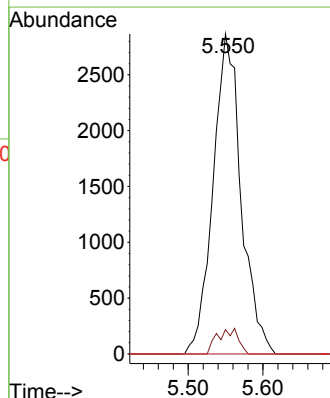
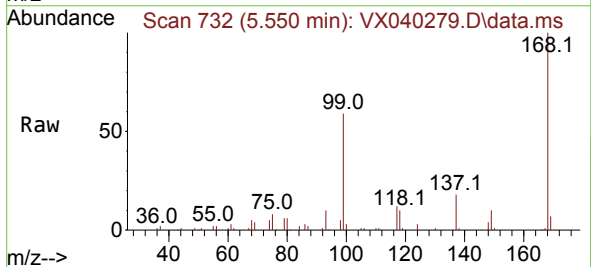
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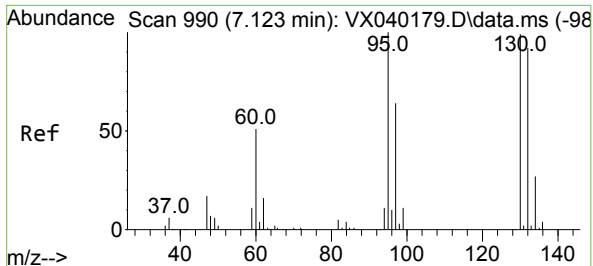
Tgt Ion: 75 Resp: 5678
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.710 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 117 Resp: 7476
Ion Ratio Lower Upper
117 100
119 7.6 78.2 117.2#
121 0.0 24.4 36.6#

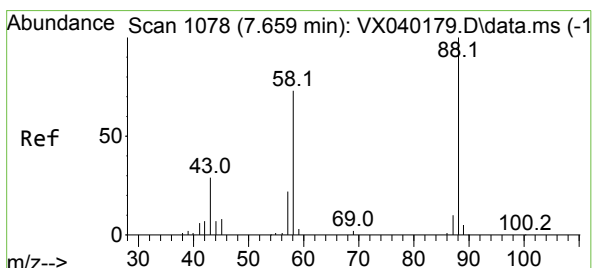
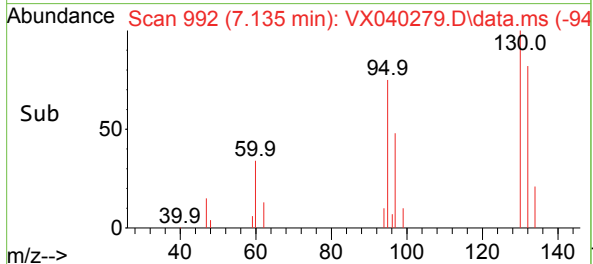
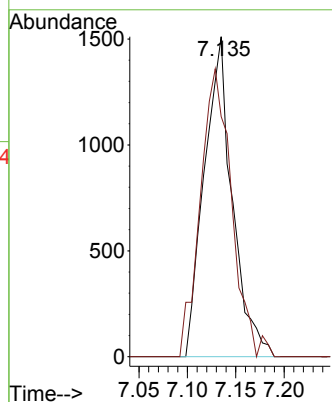
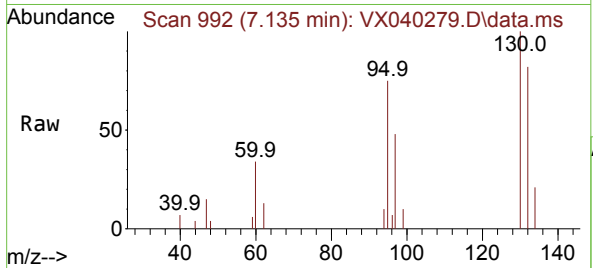




#44
Trichloroethene
Concen: 3.365 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

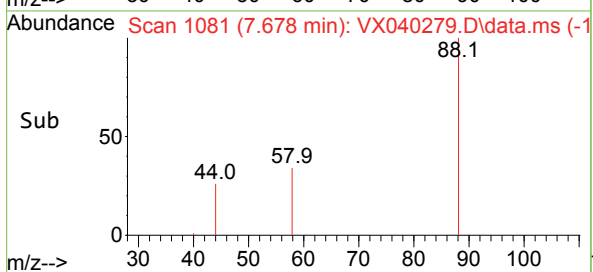
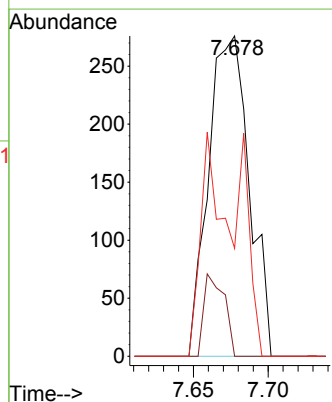
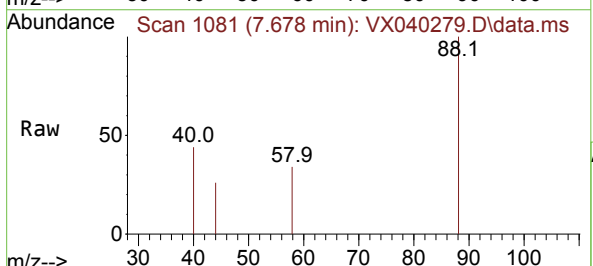
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

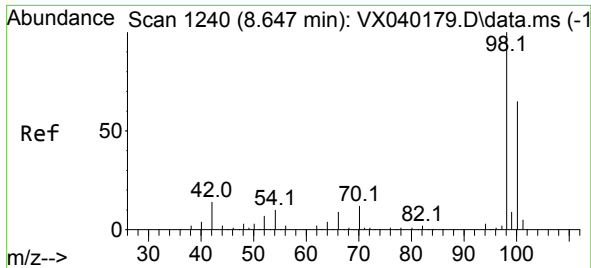
Tgt Ion:130 Resp: 3042
Ion Ratio Lower Upper
130 100
95 75.0 0.0 204.4



#49
1,4-Dioxane
Concen: 23.083 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 88 Resp: 523
Ion Ratio Lower Upper
88 100
43 12.8 0.0 0.0#
58 42.1 60.1 90.1#

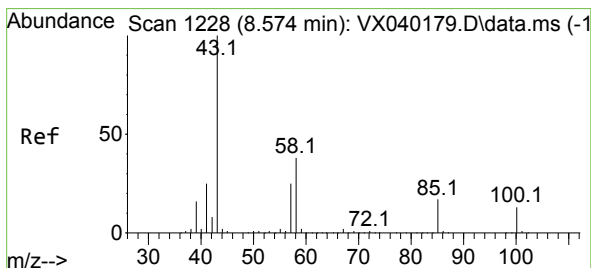
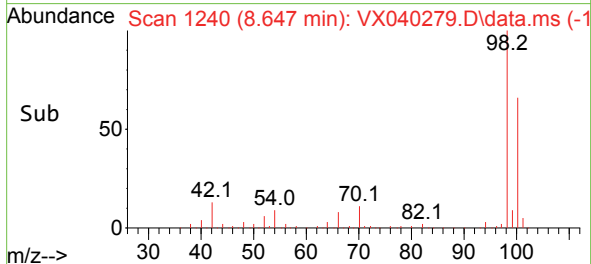
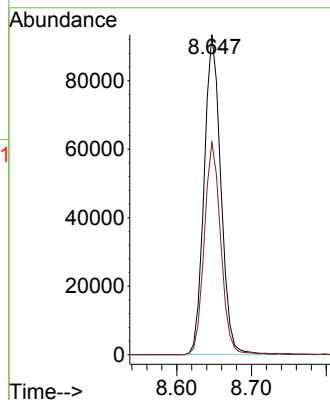
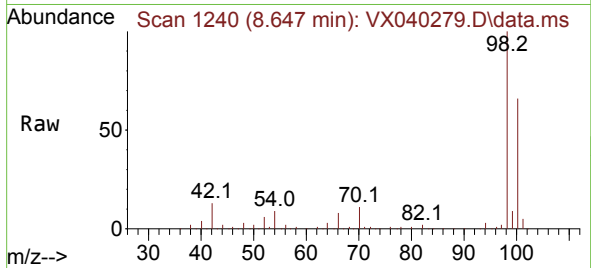




#50
Toluene-d8
Concen: 46.402 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

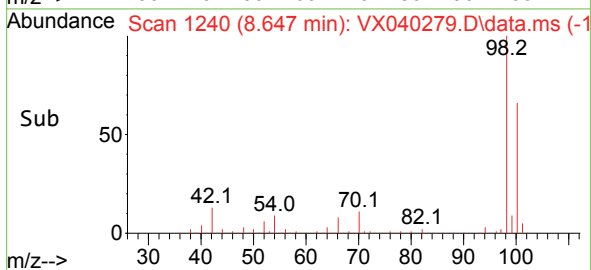
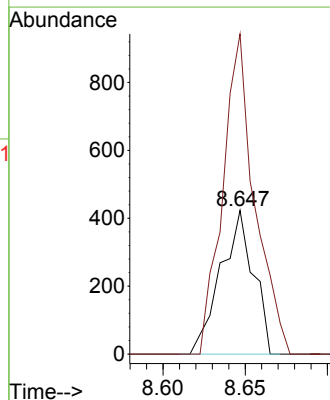
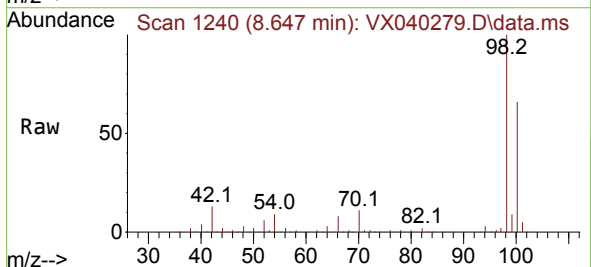
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

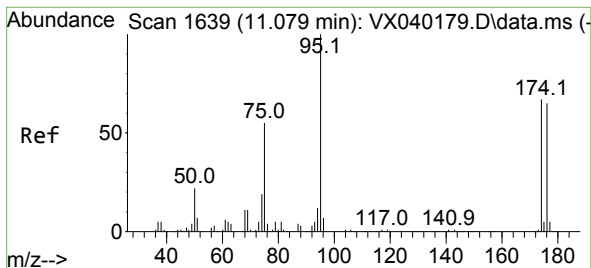
Tgt Ion: 98 Resp: 145198
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.421 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
58 218.3 30.4 45.6#

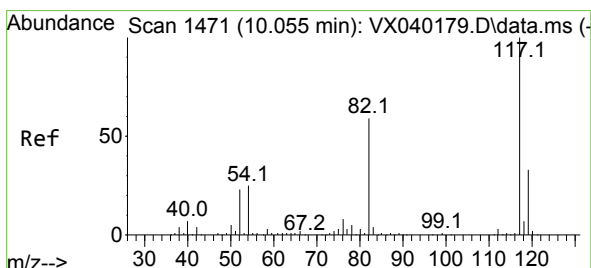
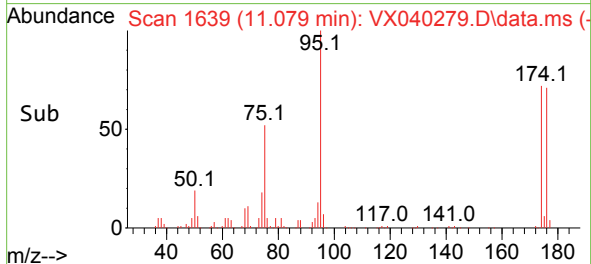
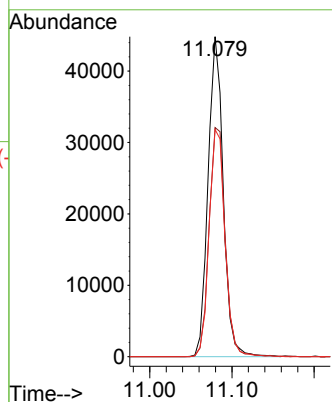
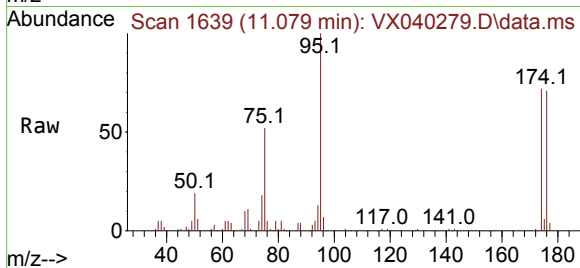




#62
4-Bromofluorobenzene
Concen: 44.989 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

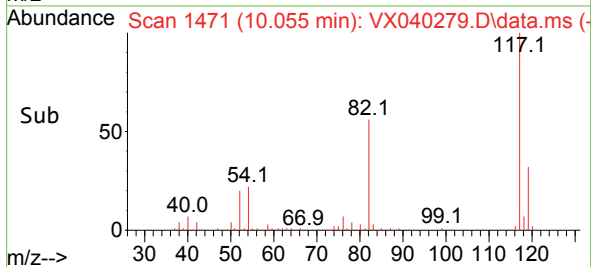
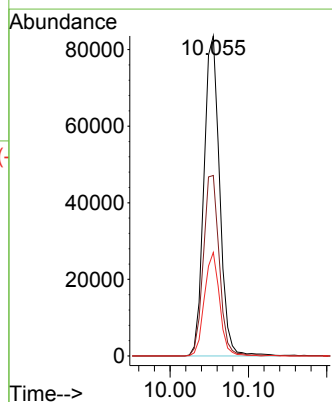
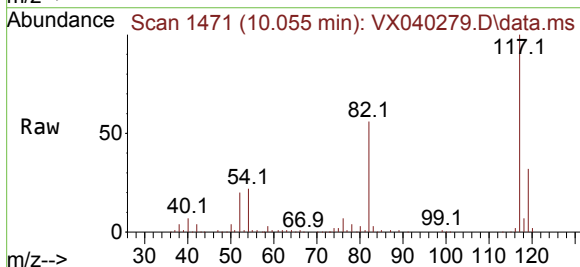
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

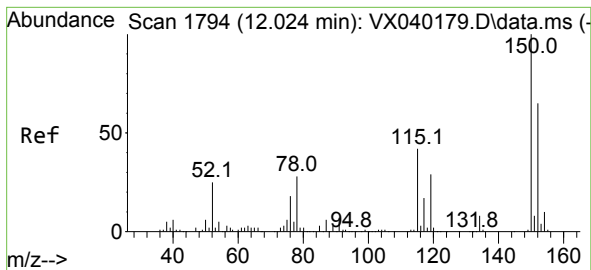
Tgt Ion: 95 Resp: 57414
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 117 Resp: 116081
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.4 25.5 38.3

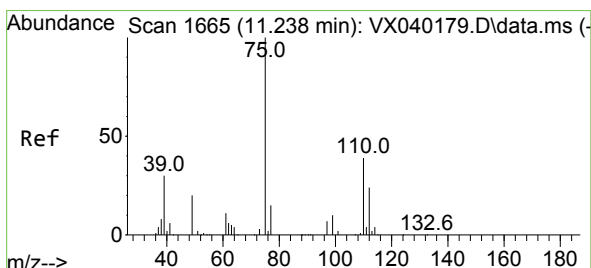
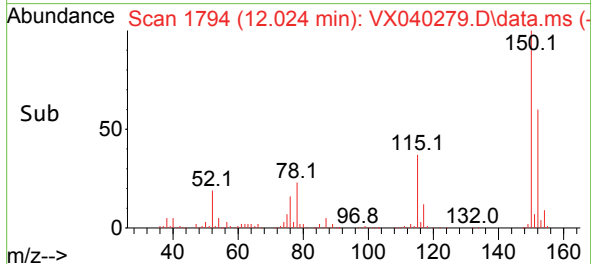
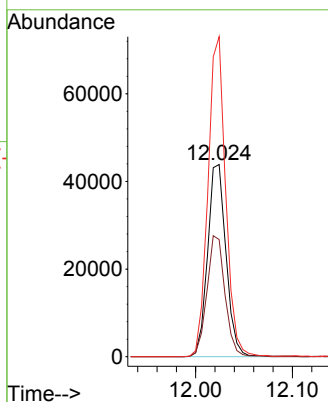
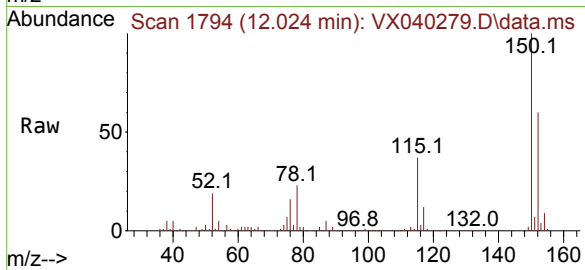




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

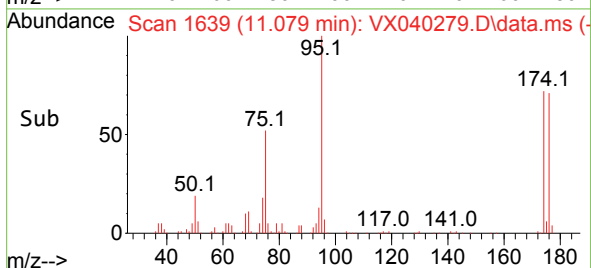
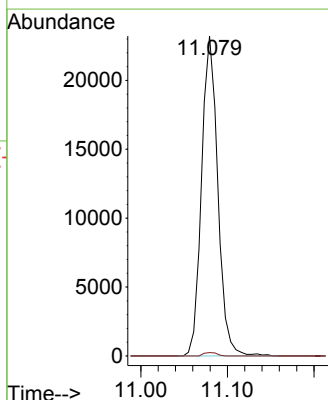
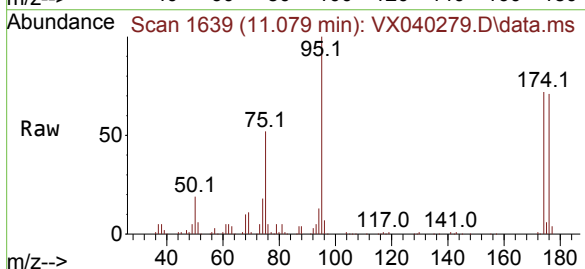
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

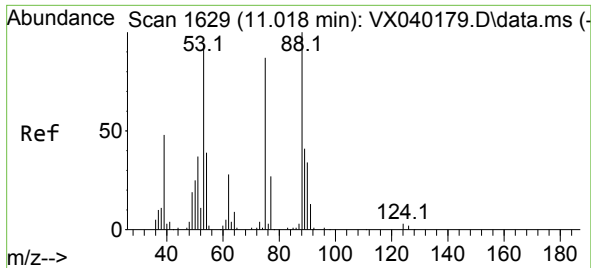
Tgt Ion:152 Resp: 58258
Ion Ratio Lower Upper
152 100
115 61.7 43.3 129.9
150 159.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

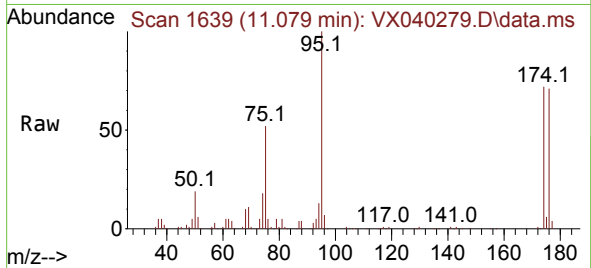
Tgt Ion: 75 Resp: 30271
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.487 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040279.D
 Acq: 16 Feb 2024 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20240214



Tgt Ion: 75 Resp: 30271
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

