

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040382.D
 Acq On : 21 Feb 2024 15:28
 Operator : JC/MD
 Sample : P1532-02 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20240216

Quant Time: Feb 22 01:09:49 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

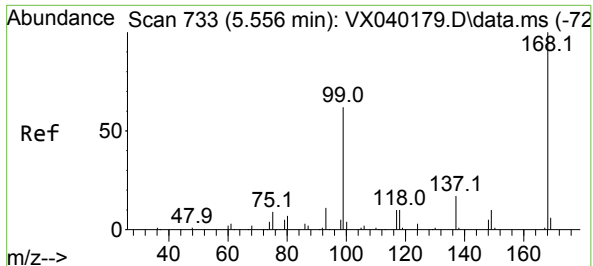
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	71984	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	125817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56716	52.961	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.920%	
35) Dibromofluoromethane	5.385	113	41453	47.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.360%	
50) Toluene-d8	8.647	98	156677	47.670	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.340%	
62) 4-Bromofluorobenzene	11.079	95	59647	44.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.000%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	188	0.246	ug/l	# 37
16) Acetone	2.373	43	336	0.764	ug/l	# 47
20) Methylene Chloride	2.788	84	366	Below Cal	#	61
31) Cyclohexane	5.556	56	1858	1.455	ug/l	# 19
36) 1,1-Dichloropropene	5.550	75	6871	5.582	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	8131	6.948	ug/l	# 14
44) Trichloroethene	7.129	130	11979	12.617	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	878	0.602	ug/l	# 1
53) t-1,3-Dichloropropene	8.994	75	50	1.990	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	34113	27.897	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	34113	76.327	ug/l	# 5

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

Quant Time: Feb 22 01:09:49 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

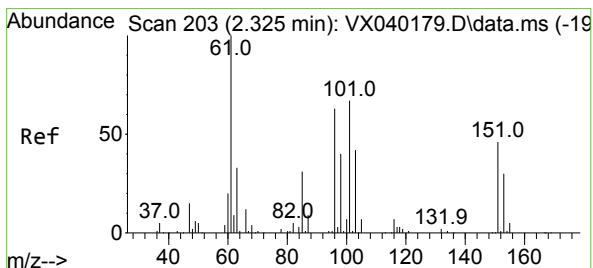
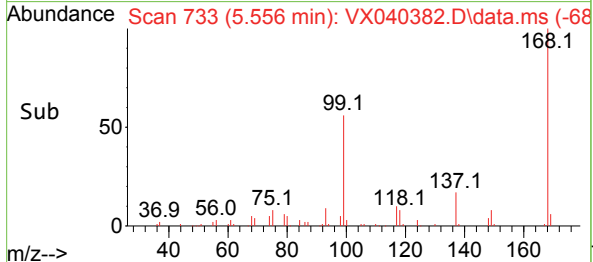
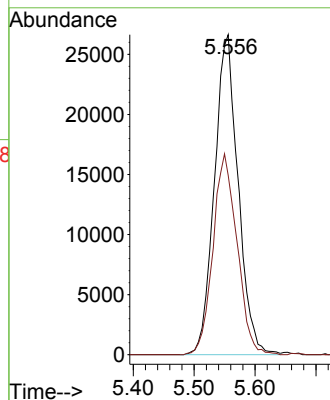
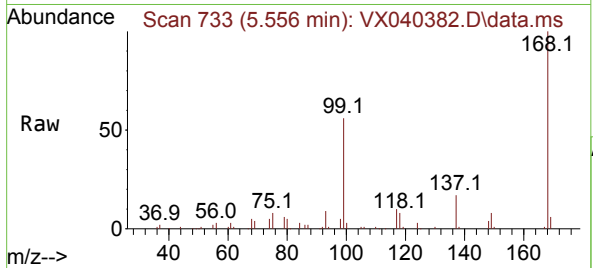




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

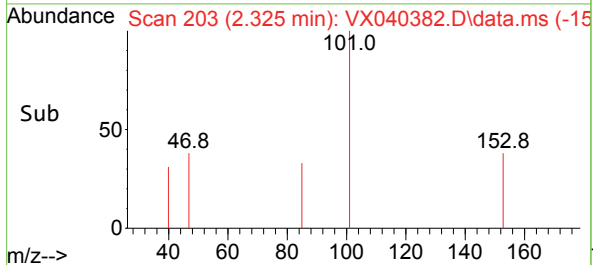
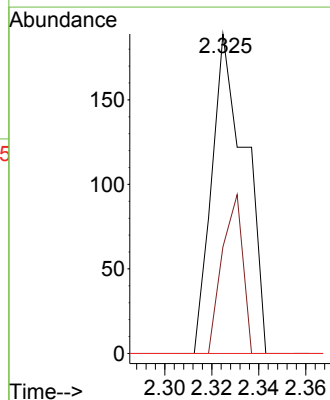
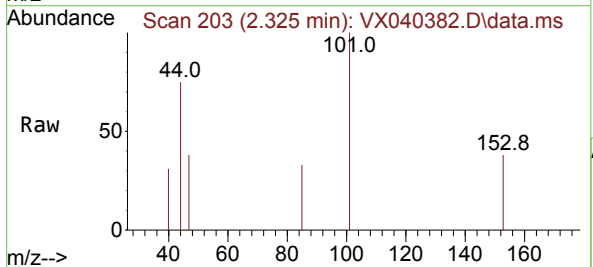
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

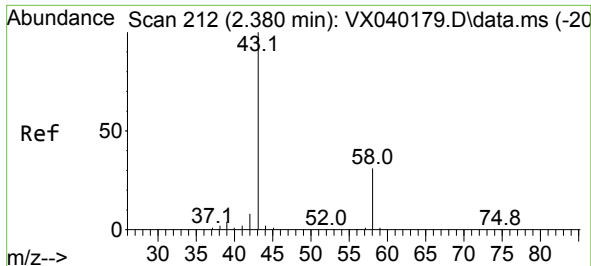
Tgt Ion:168 Resp: 71984
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.246 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

Tgt Ion:101 Resp: 188
Ion Ratio Lower Upper
101 100
85 30.3 37.0 55.6#
151 0.0 58.6 87.8#





#16

Acetone

Concen: 0.764 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040382.D

Acq: 21 Feb 2024 15:28

Instrument :

MSVOA_X

ClientSampleId :

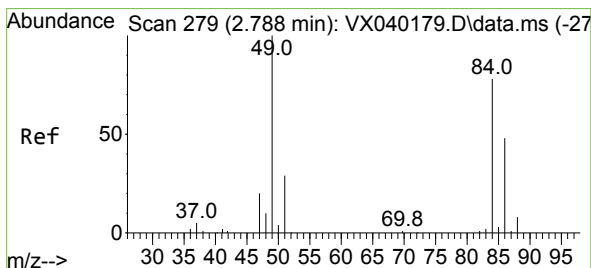
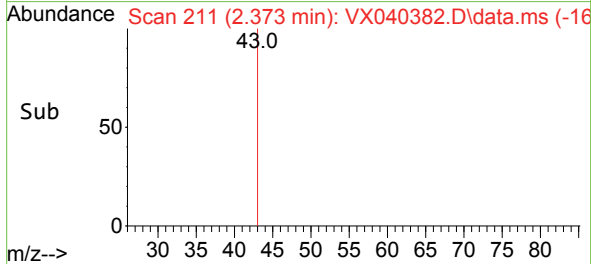
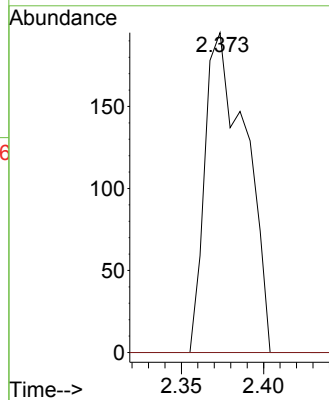
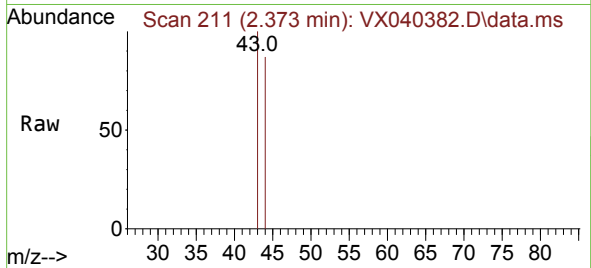
RE103D1-20240216

Tgt Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040382.D

Acq: 21 Feb 2024 15:28

Tgt Ion: 84 Resp: 366

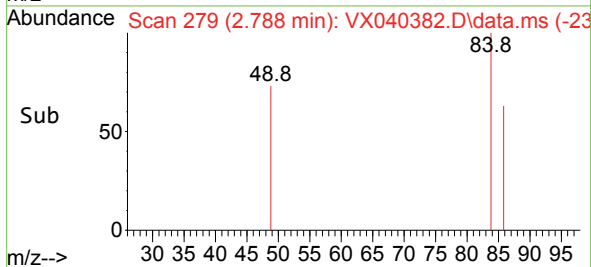
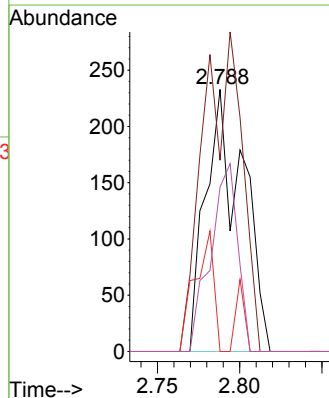
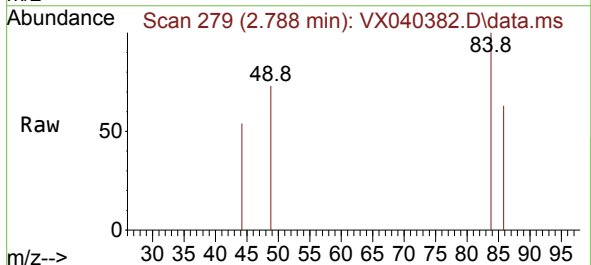
Ion Ratio Lower Upper

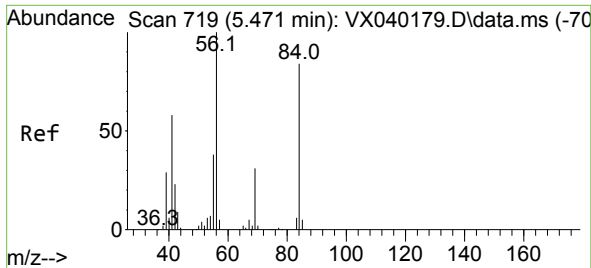
84 100

49 73.0 103.6 155.4#

51 0.0 33.8 50.6#

86 62.7 49.4 74.0

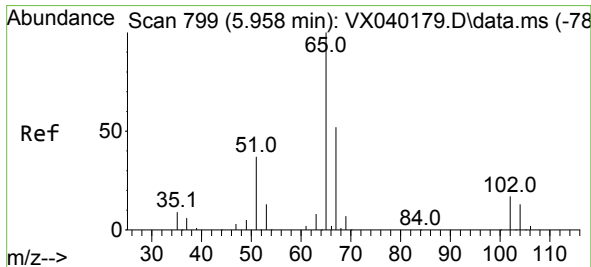
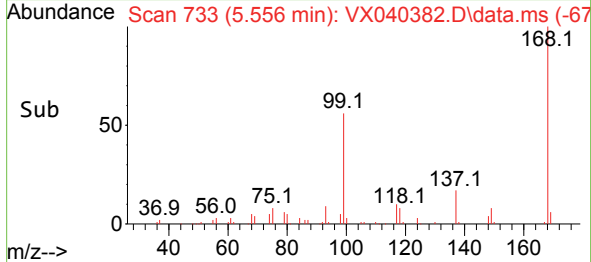
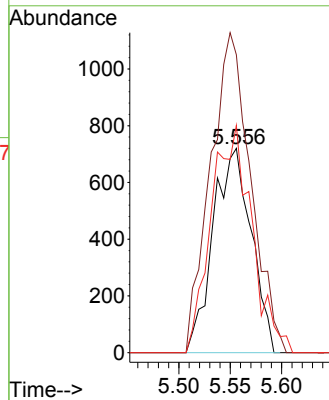
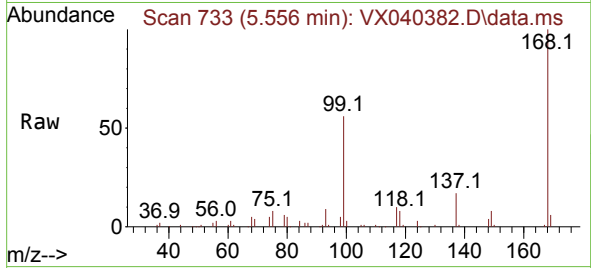




#31
Cyclohexane
Concen: 1.455 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

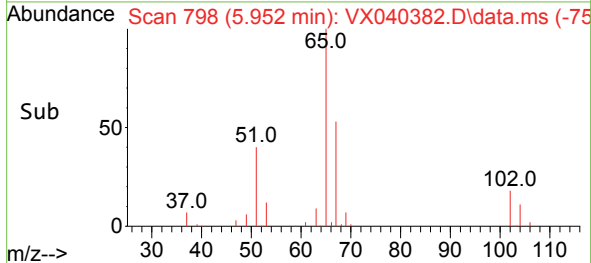
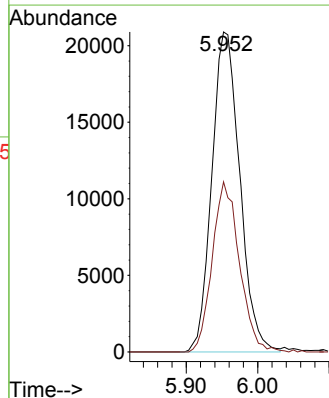
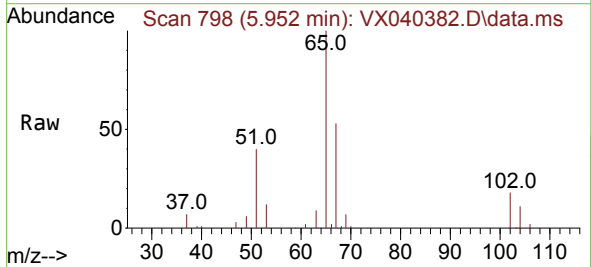
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

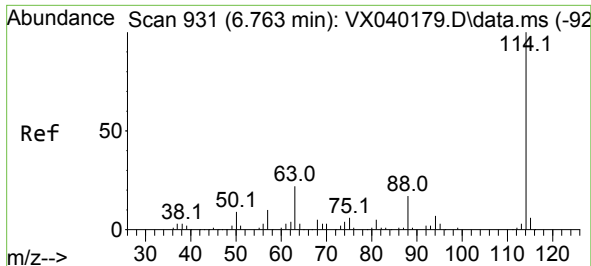
Tgt Ion: 56 Resp: 1858
Ion Ratio Lower Upper
56 100
69 145.8 23.4 35.2#
84 111.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.961 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

Tgt Ion: 65 Resp: 56716
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

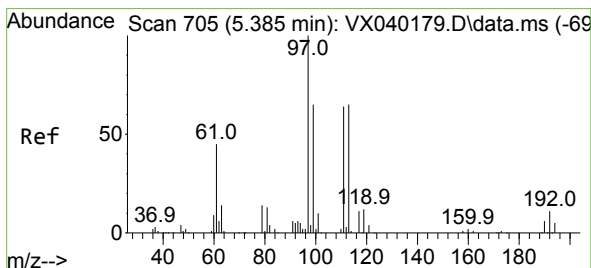
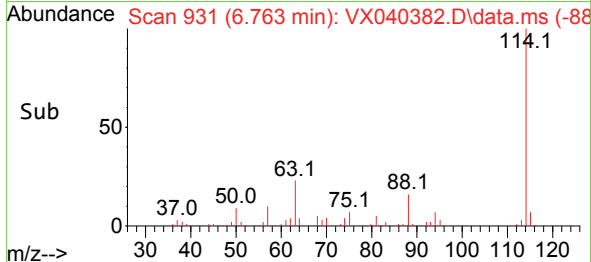
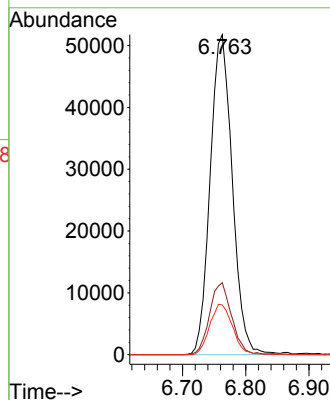
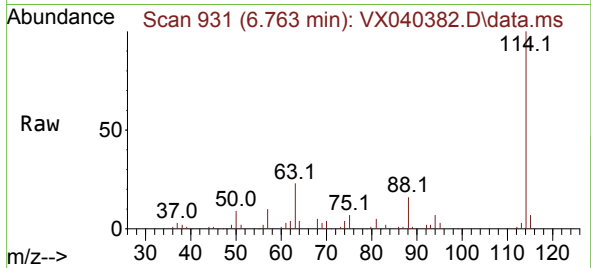




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

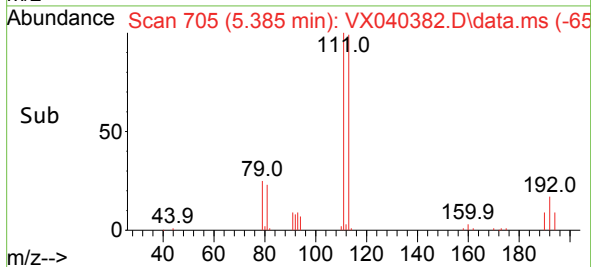
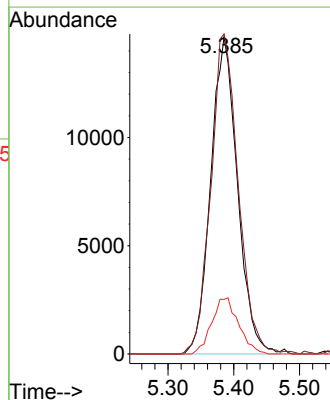
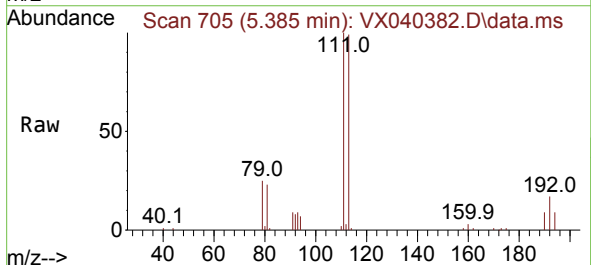
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

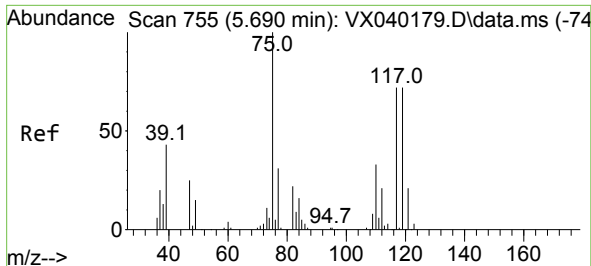
Tgt Ion:114 Resp: 125817
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.179 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

Tgt Ion:113 Resp: 41453
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.8 13.3 19.9

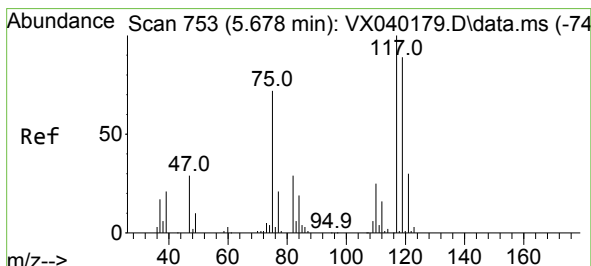
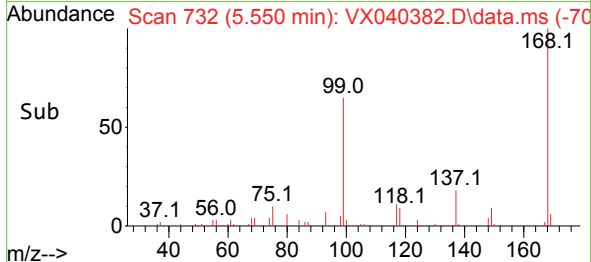
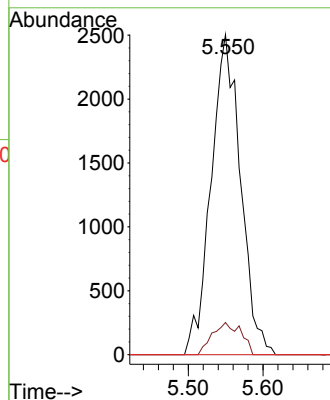
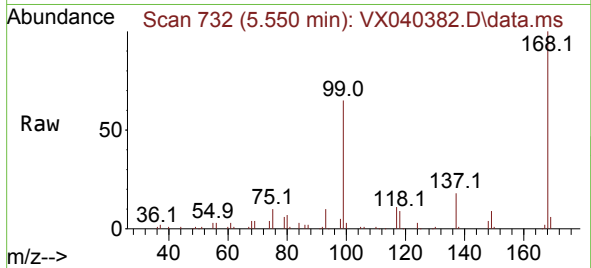




#36
1,1-Dichloropropene
Concen: 5.582 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

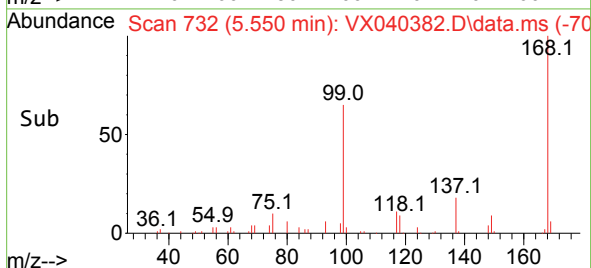
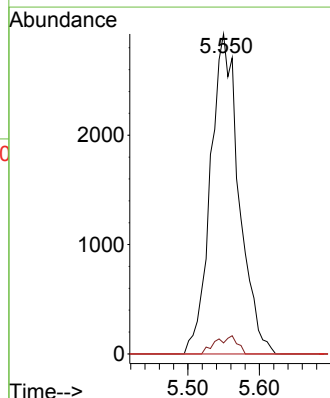
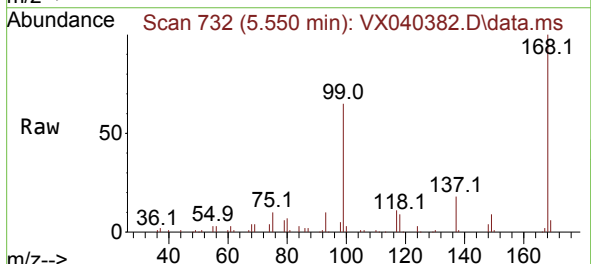
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

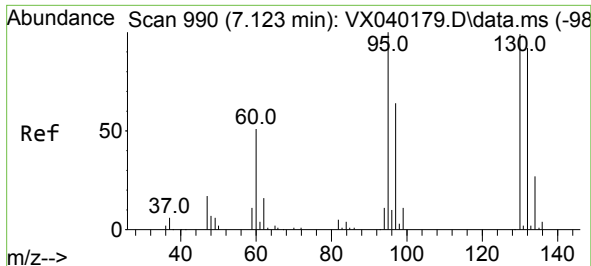
Tgt Ion: 75 Resp: 6871
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.948 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

Tgt Ion: 117 Resp: 8131
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

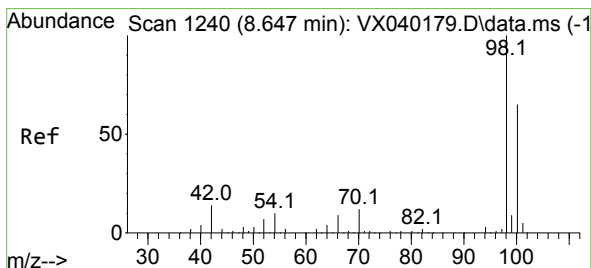
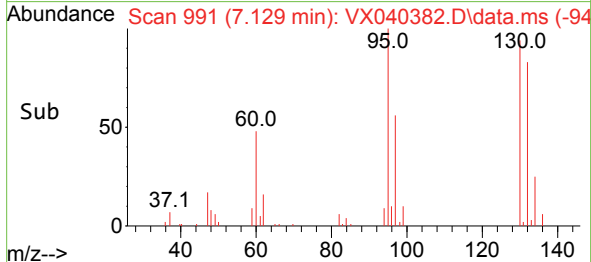
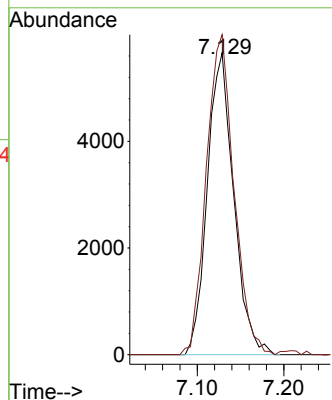
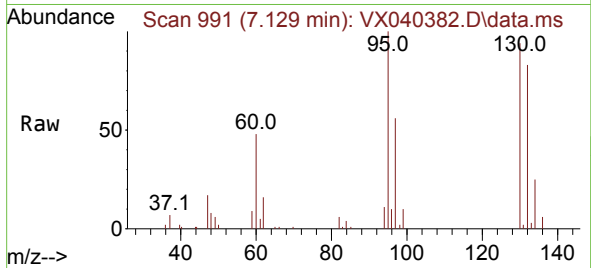




#44
Trichloroethene
Concen: 12.617 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

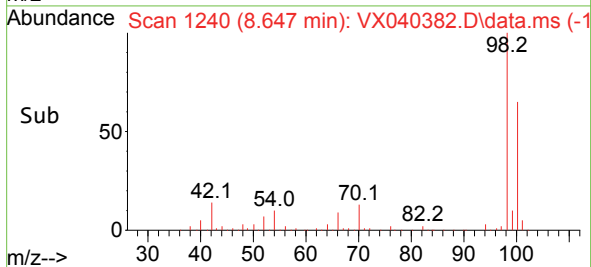
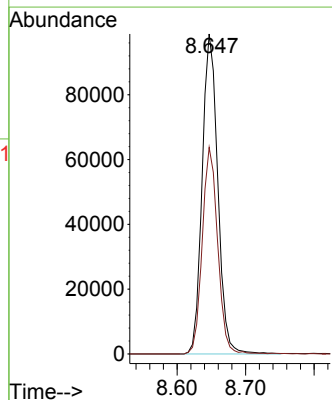
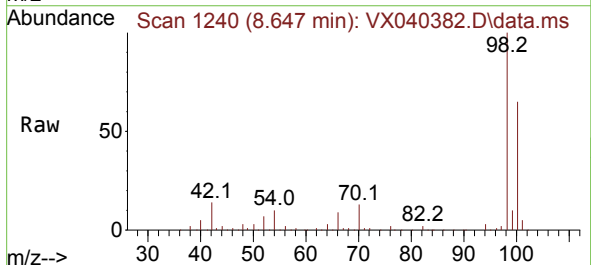
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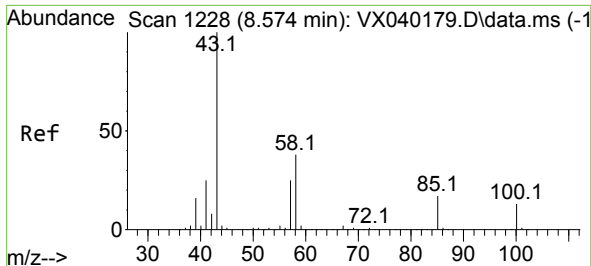
Tgt Ion:130 Resp: 11979
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.4



#50
Toluene-d8
Concen: 47.670 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

Tgt Ion: 98 Resp: 156677
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

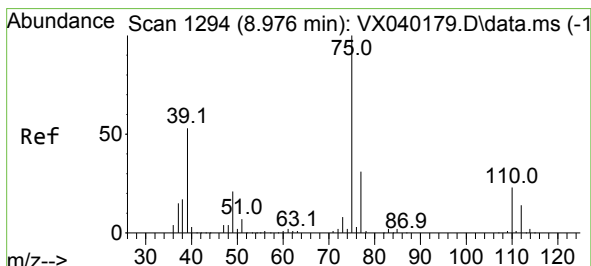
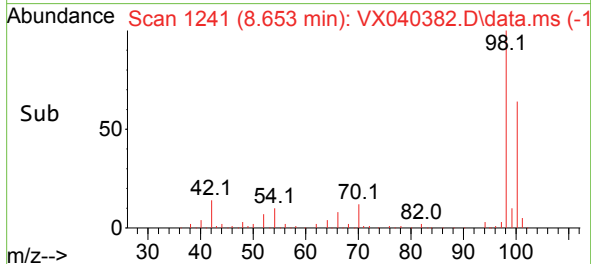
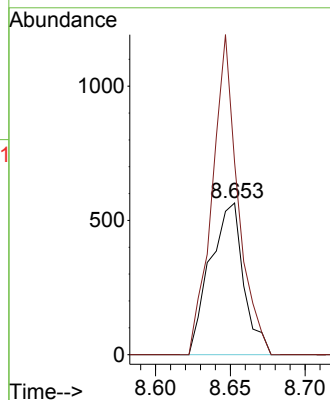
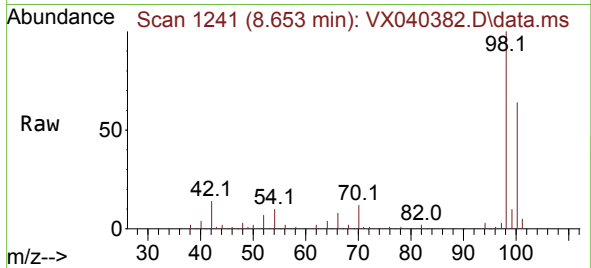




#51
4-Methyl-2-Pentanone
Concen: 0.602 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

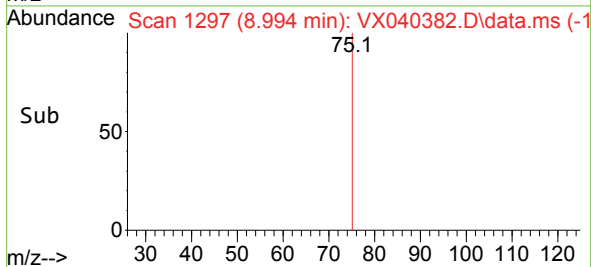
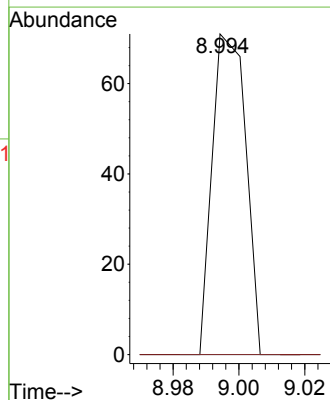
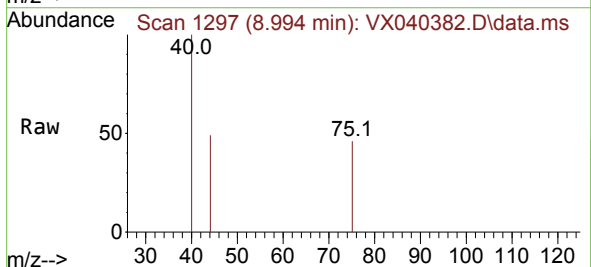
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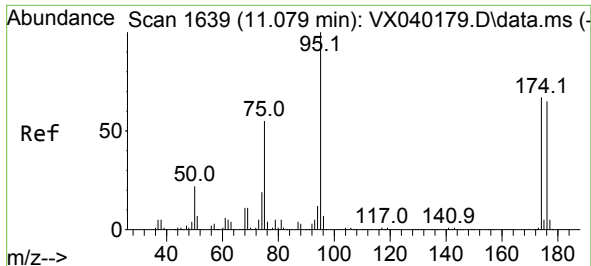
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 163.3 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.990 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

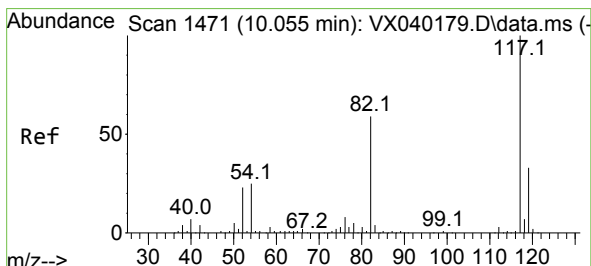
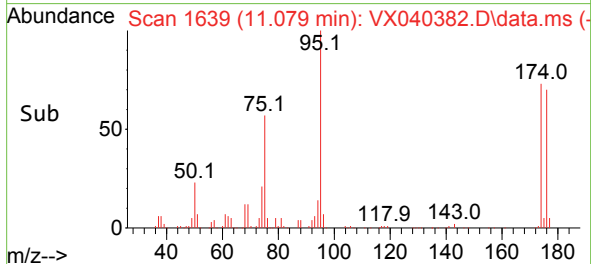
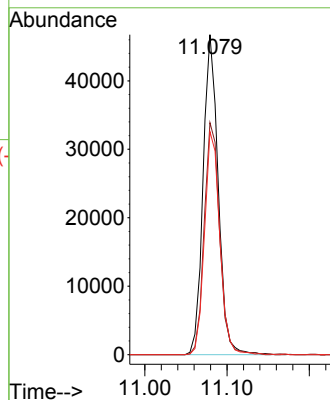
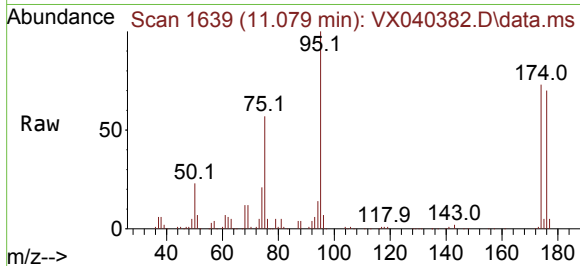




#62
4-Bromofluorobenzene
Concen: 44.498 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

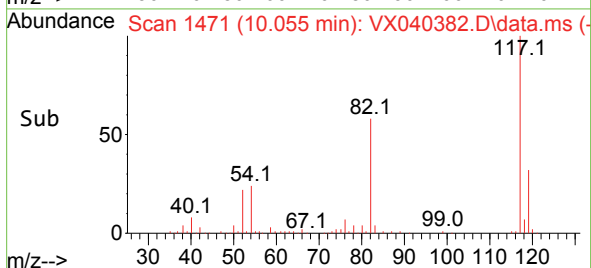
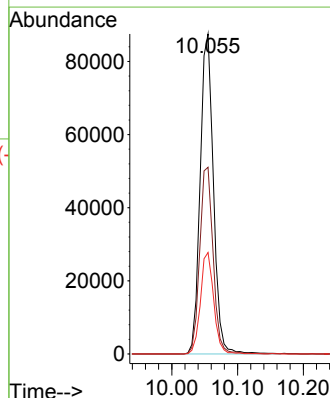
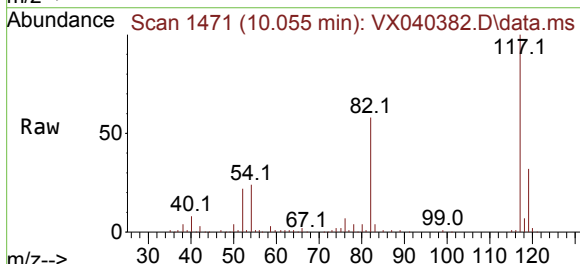
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

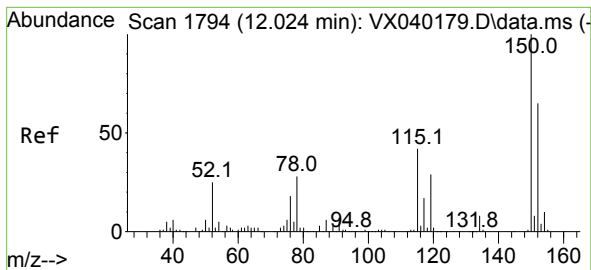
Tgt Ion: 95 Resp: 59647
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040382.D
Acq: 21 Feb 2024 15:28

Tgt Ion: 117 Resp: 122657
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040382.D

Acq: 21 Feb 2024 15:28

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20240216

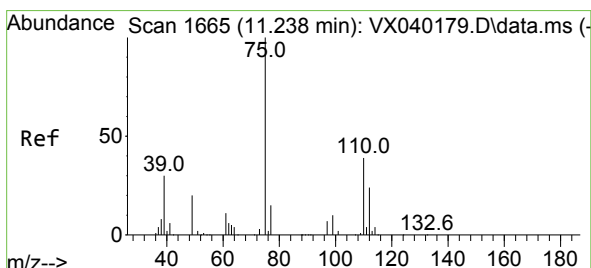
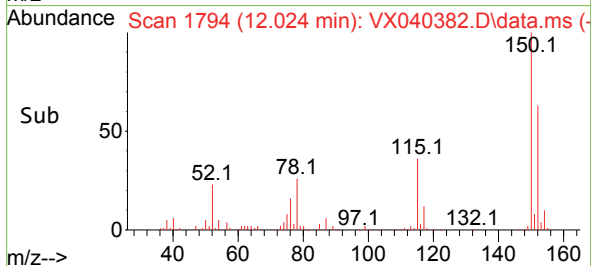
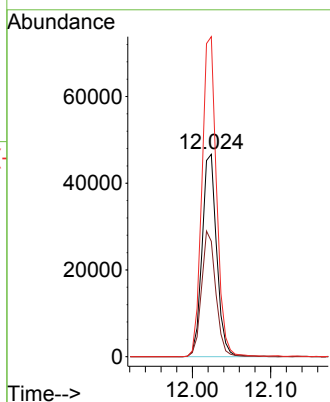
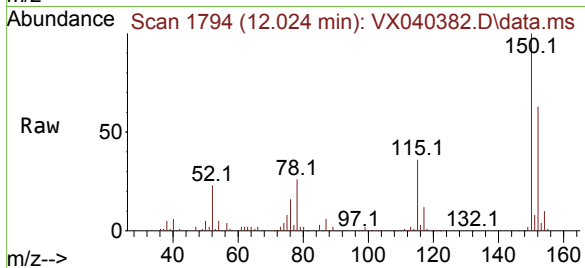
Tgt Ion:152 Resp: 60384

Ion Ratio Lower Upper

152 100

115 60.6 43.3 129.9

150 158.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.897 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040382.D

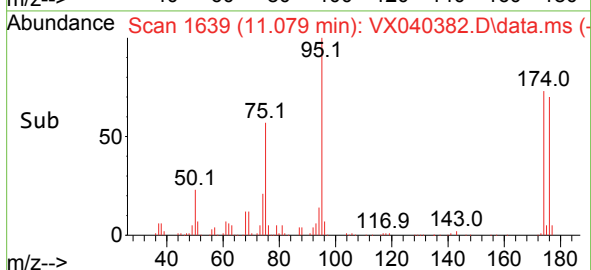
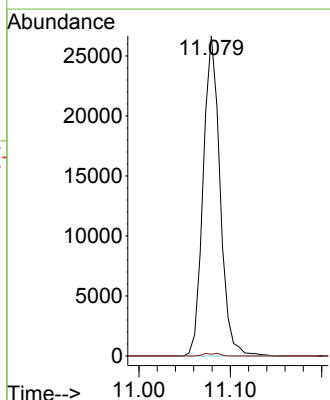
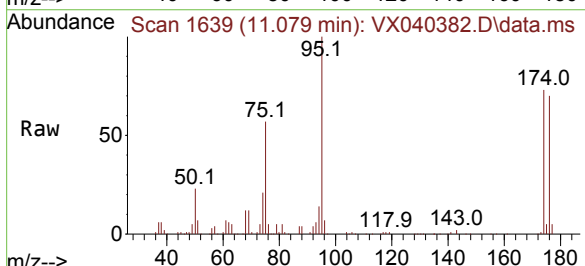
Acq: 21 Feb 2024 15:28

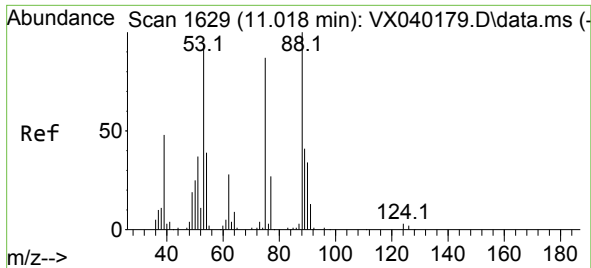
Tgt Ion: 75 Resp: 34113

Ion Ratio Lower Upper

75 100

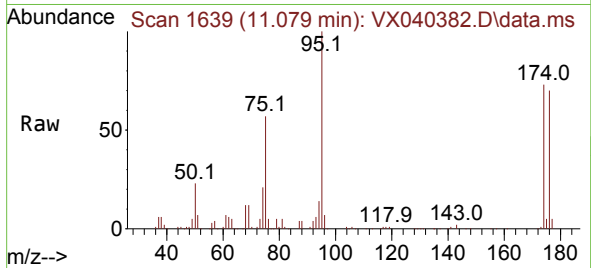
77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.327 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040382.D
 Acq: 21 Feb 2024 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20240216



Tgt Ion: 75 Resp: 34113
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

