

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040405.D
 Acq On : 22 Feb 2024 16:35
 Operator : JC/MD
 Sample : P1532-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20240216DL

Quant Time: Feb 23 00:09:29 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)

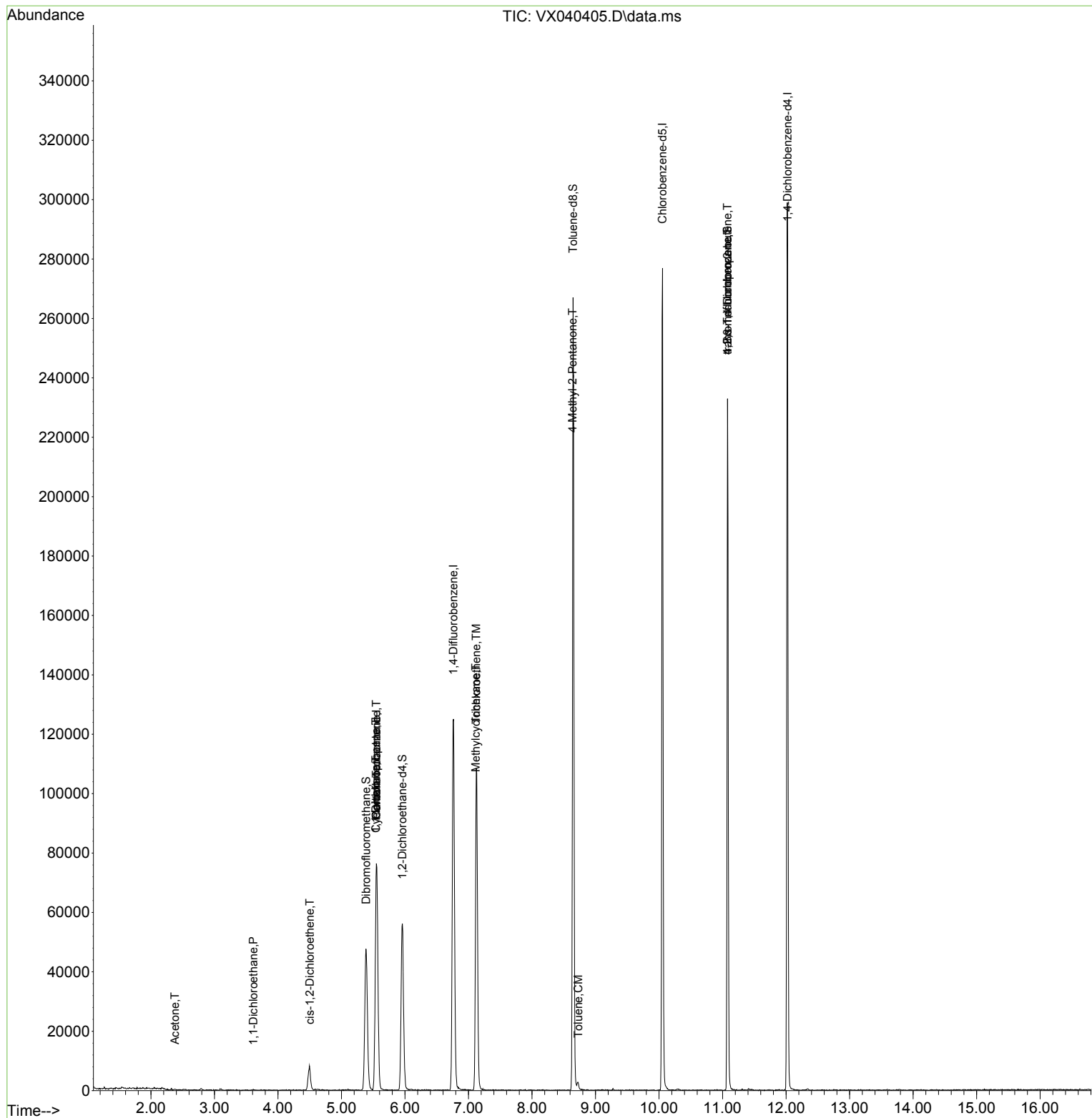
Internal Standards						
1) Pentafluorobenzene	5.550	168	69260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55584	53.945	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.880%	
35) Dibromofluoromethane	5.385	113	40762	47.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.780%	
50) Toluene-d8	8.647	98	150849	46.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.760%	
62) 4-Bromofluorobenzene	11.079	95	58668	44.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.400%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	354	0.837	ug/l	94
20) Methylene Chloride	2.788	84	255	Below Cal	#	61
24) 1,1-Dichloroethane	3.611	63	340	0.235	ug/l #	83
27) cis-1,2-Dichloroethene	4.501	96	4614	5.022	ug/l	94
31) Cyclohexane	5.544	56	1841	1.498	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	6591	5.470	ug/l #	47
38) Carbon Tetrachloride	5.550	117	7525	6.568	ug/l #	17
39) Methylcyclohexane	7.117	83	583	0.416	ug/l #	1
44) Trichloroethene	7.123	130	39860	42.883	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	822	0.575	ug/l #	1
52) Toluene	8.726	92	859	0.389	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	32653	27.386	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32653	74.993	ug/l #	5

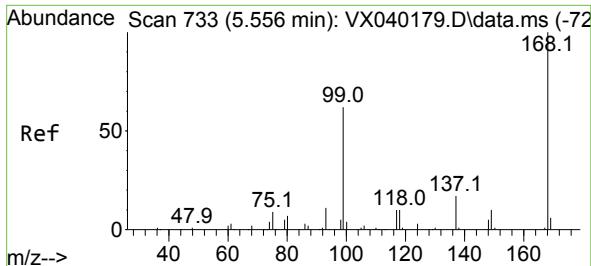
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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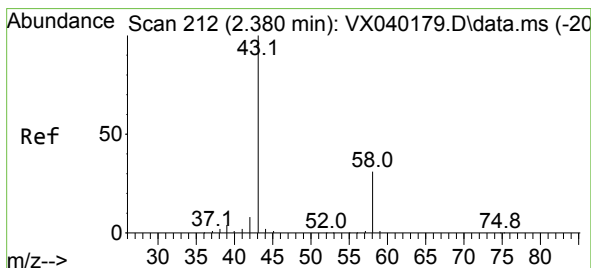
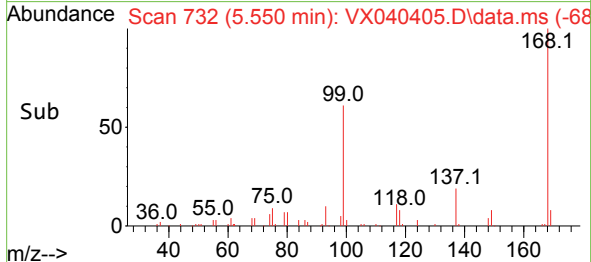
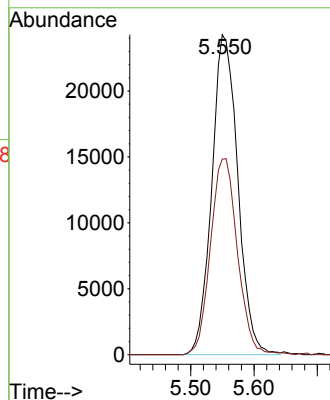
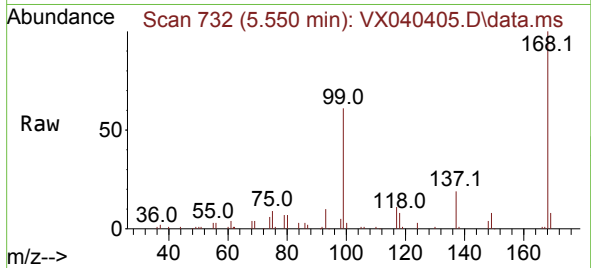




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

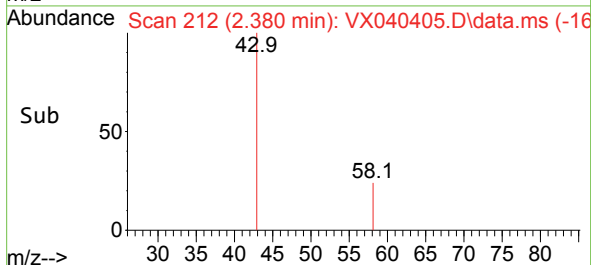
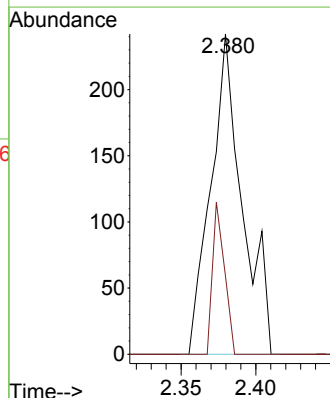
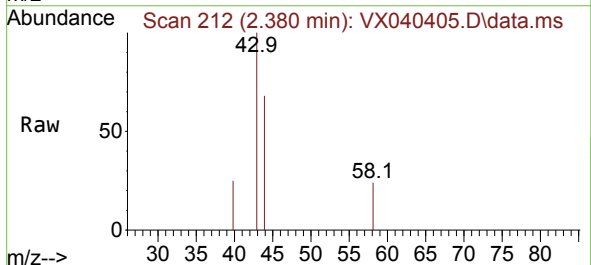
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20240216DL

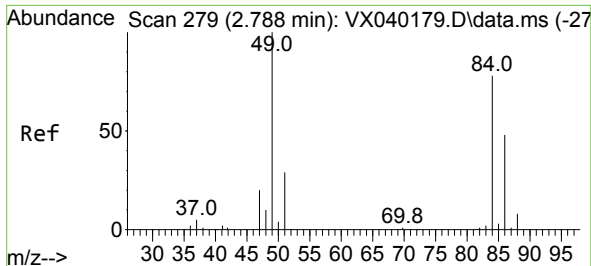
Tgt Ion:168 Resp: 69260
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#16
Acetone
Concen: 0.837 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

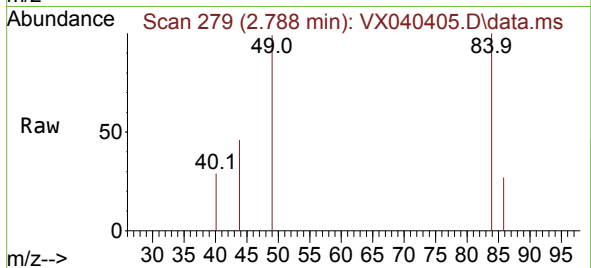
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 24.4 21.9 32.9



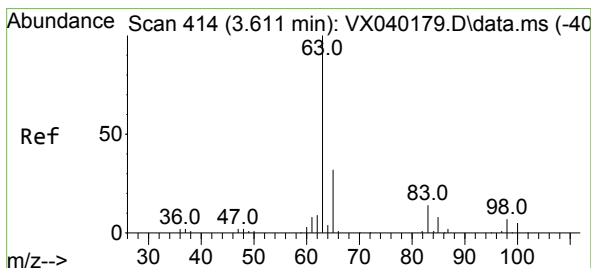
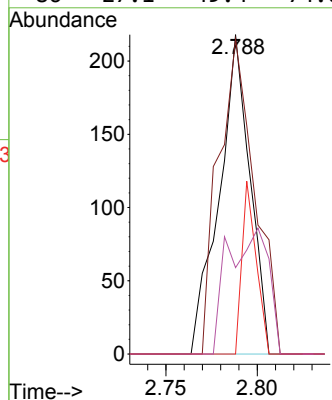


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20240216DL

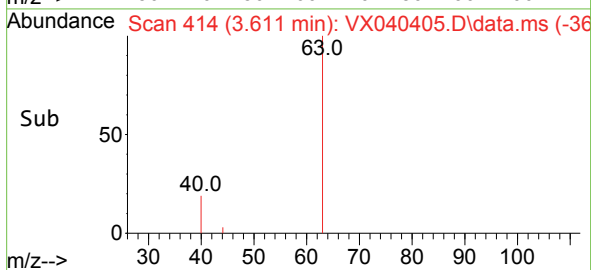
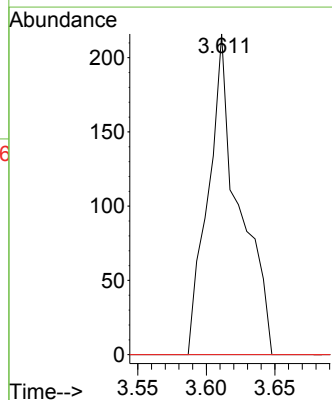
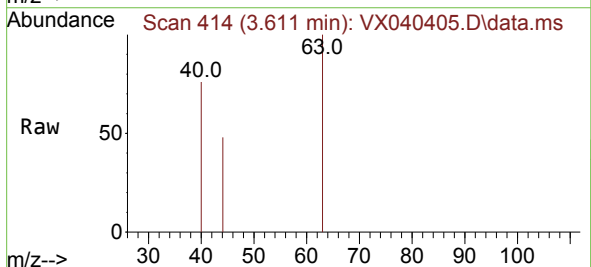


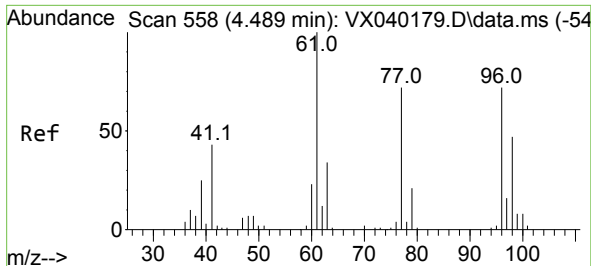
Tgt Ion:	84	Resp:	255
Ion	Ratio	Lower	Upper
84	100		
49	98.6	103.6	155.4#
51	0.0	33.8	50.6#
86	27.1	49.4	74.0#



#24
1,1-Dichloroethane
Concen: 0.235 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

Tgt Ion:	63	Resp:	340
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: 5.022 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040405.D

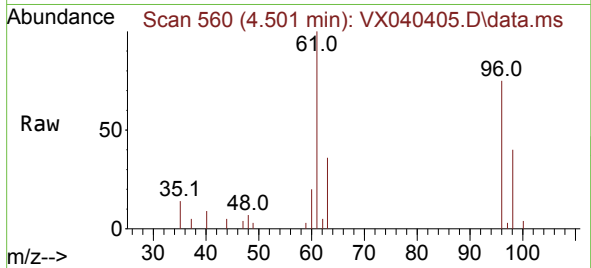
Acq: 22 Feb 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20240216DL



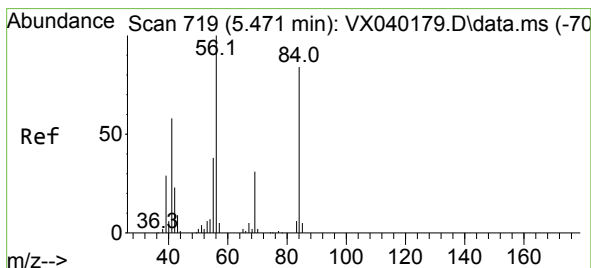
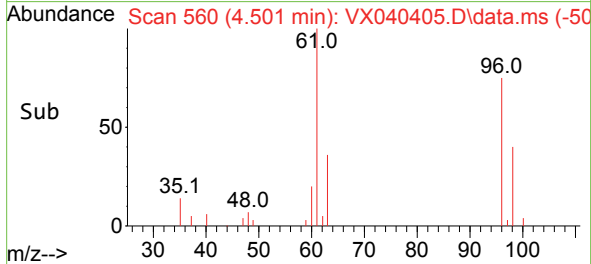
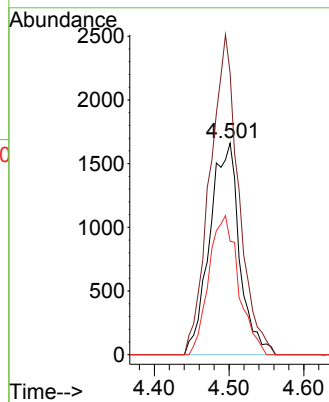
Tgt Ion: 96 Resp: 4614

Ion Ratio Lower Upper

96 100

61 145.8 0.0 312.2

98 65.5 0.0 129.0



#31

Cyclohexane

Concen: 1.498 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040405.D

Acq: 22 Feb 2024 16:35

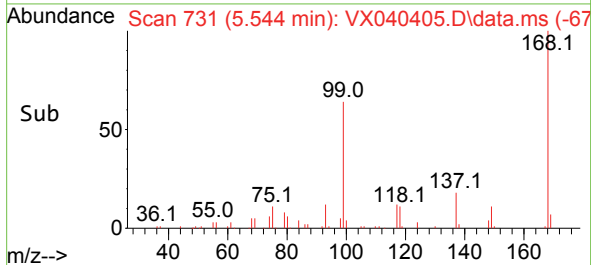
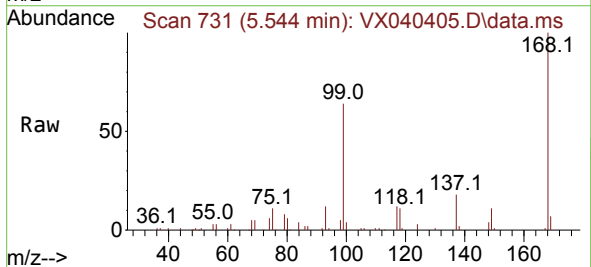
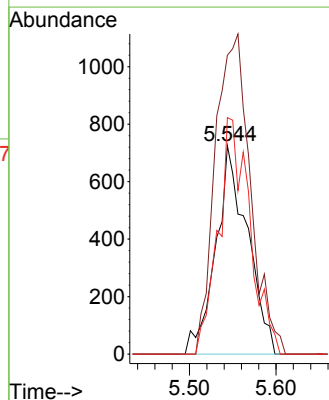
Tgt Ion: 56 Resp: 1841

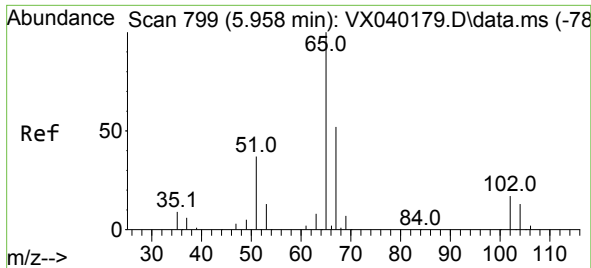
Ion Ratio Lower Upper

56 100

69 143.4 23.4 35.2#

84 113.5 65.9 98.9#

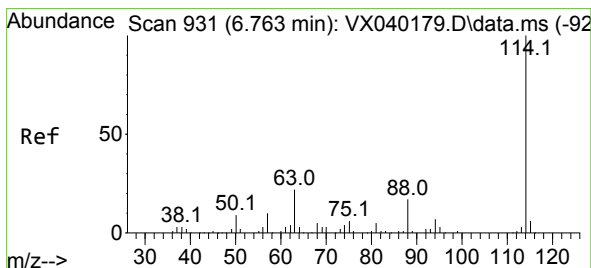
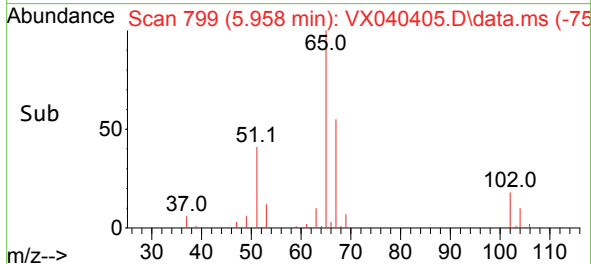
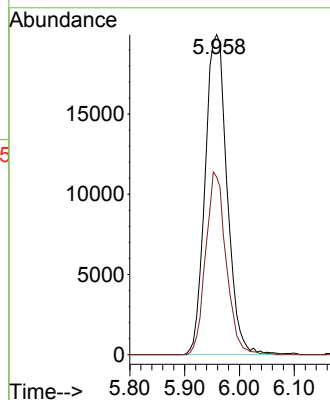
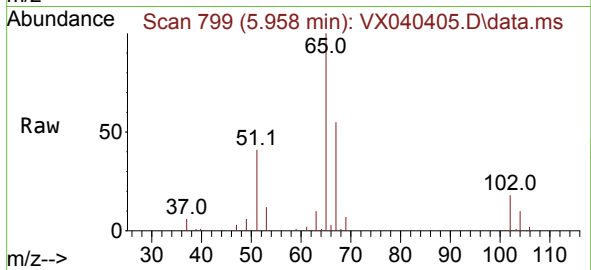




#33
 1,2-Dichloroethane-d4
 Concen: 53.945 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040405.D
 Acq: 22 Feb 2024 16:35

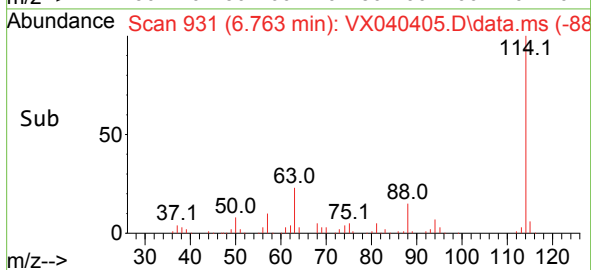
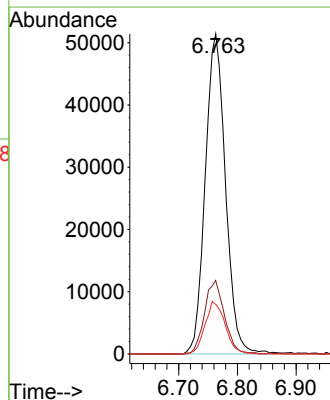
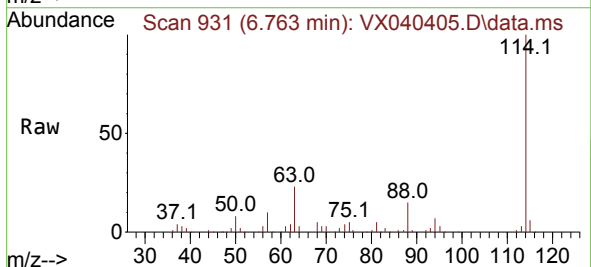
Instrument :
 MSVOA_X
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 RE104D2-20240216DL

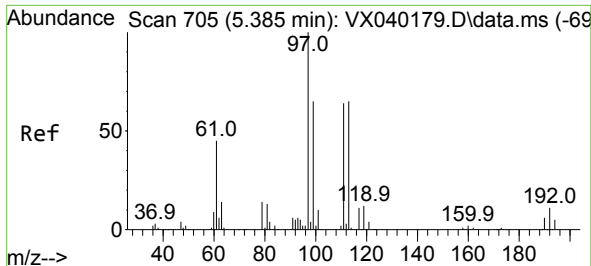
Tgt Ion: 65 Resp: 55584
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040405.D
 Acq: 22 Feb 2024 16:35

Tgt Ion: 114 Resp: 123178
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.0
 88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.386 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040405.D

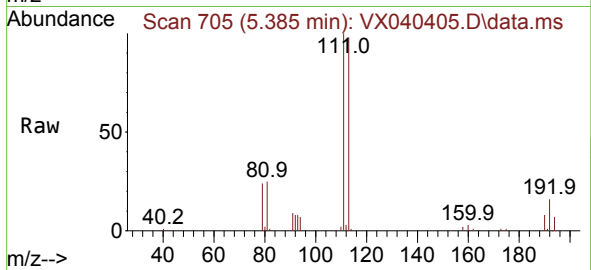
Acq: 22 Feb 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20240216DL



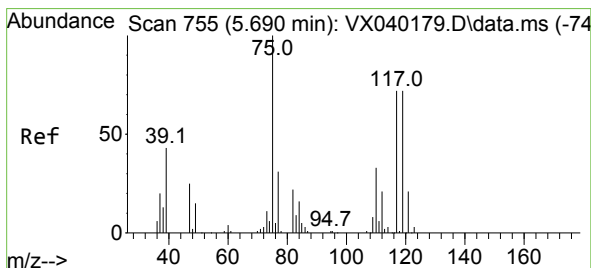
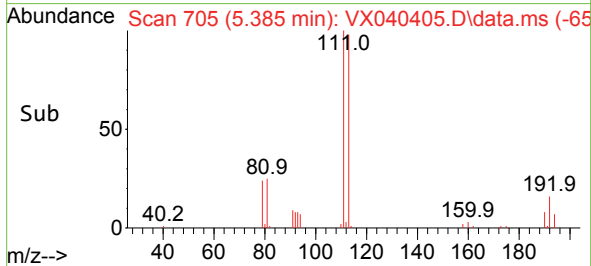
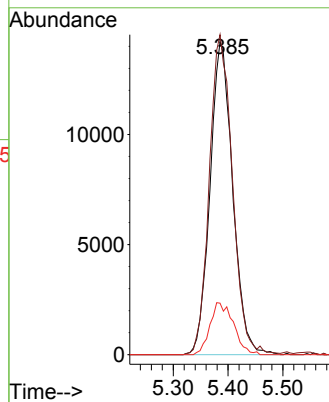
Tgt Ion:113 Resp: 40762

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

192 17.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.470 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX040405.D

Acq: 22 Feb 2024 16:35

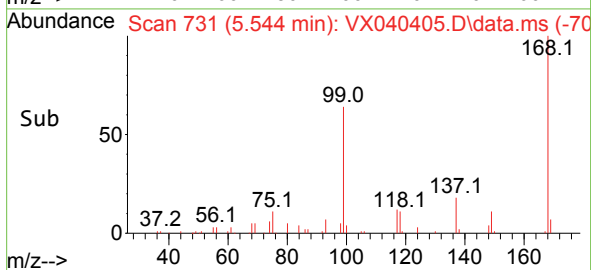
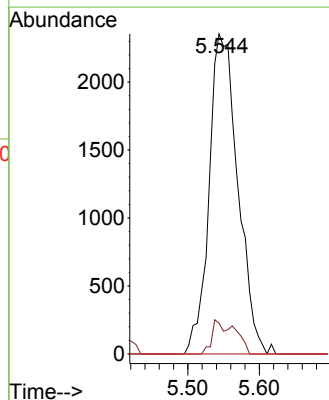
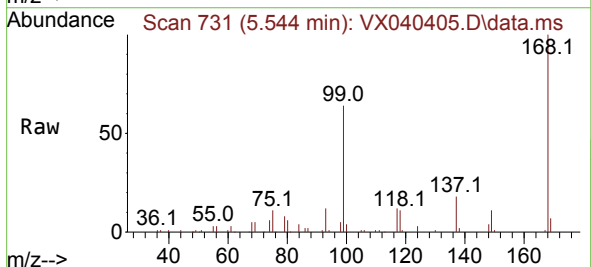
Tgt Ion: 75 Resp: 6591

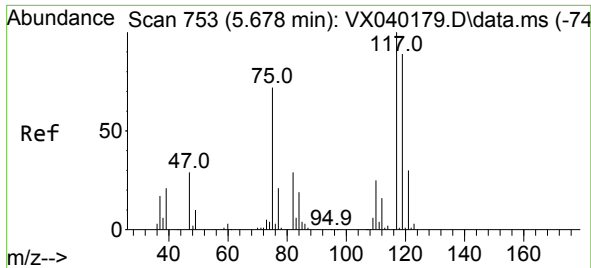
Ion Ratio Lower Upper

75 100

110 5.2 17.0 50.9#

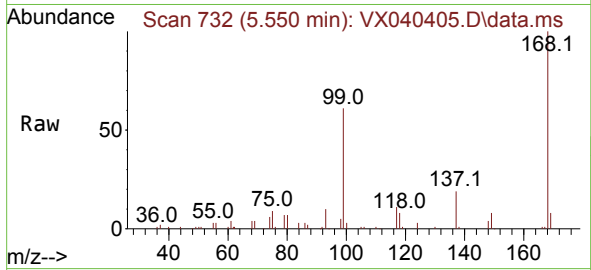
77 0.0 24.7 37.1#



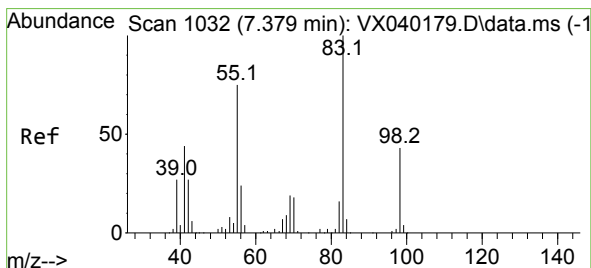
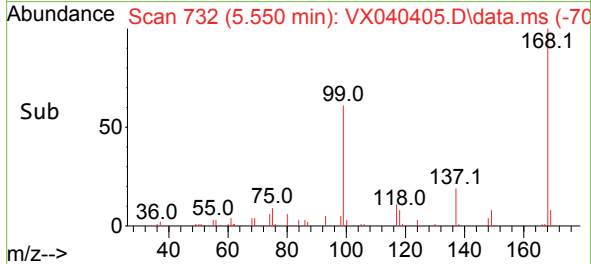
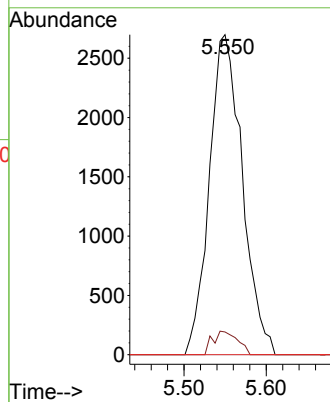


#38
Carbon Tetrachloride
Concen: 6.568 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

Instrument :
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ClientSampleId :
RE104D2-20240216DL

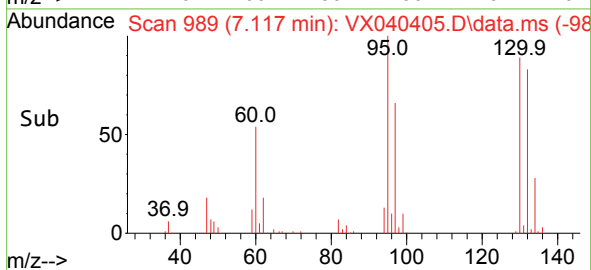
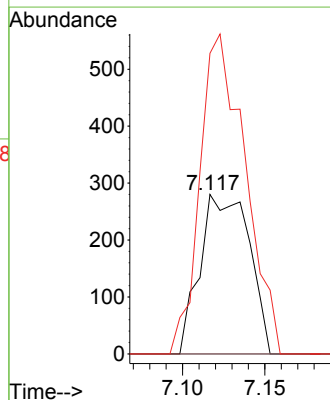
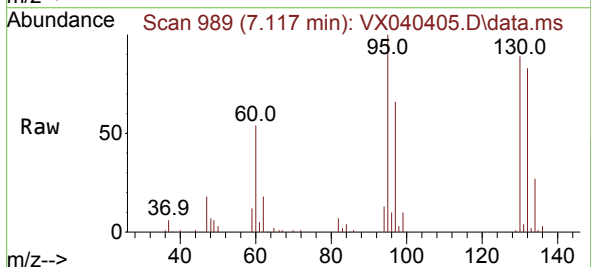


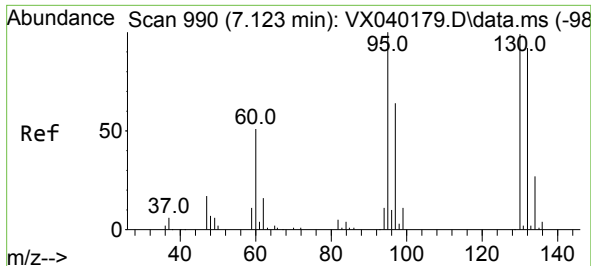
Tgt Ion:117 Resp: 7525
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.416 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

Tgt Ion: 83 Resp: 583
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 188.6 36.7 55.1#

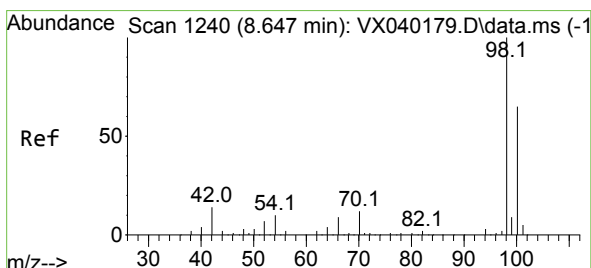
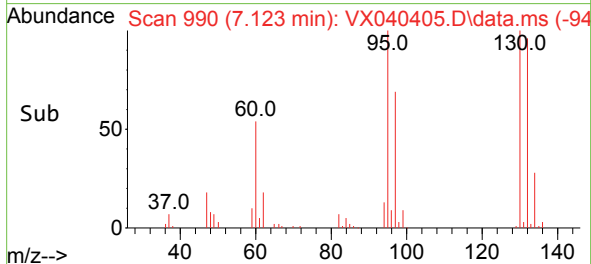
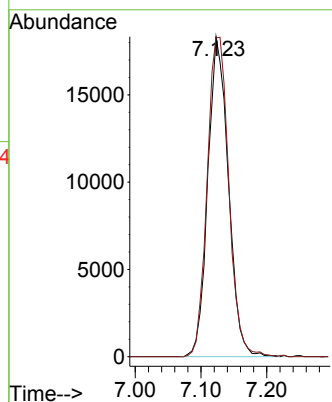
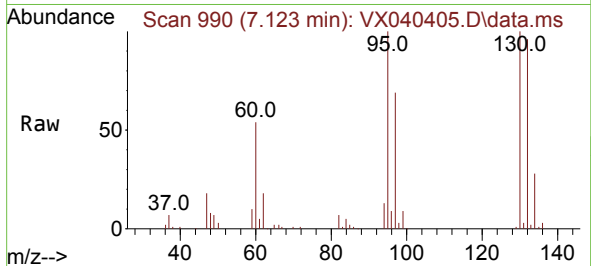




#44
Trichloroethene
Concen: 42.883 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

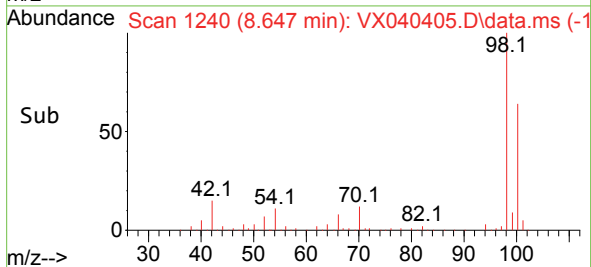
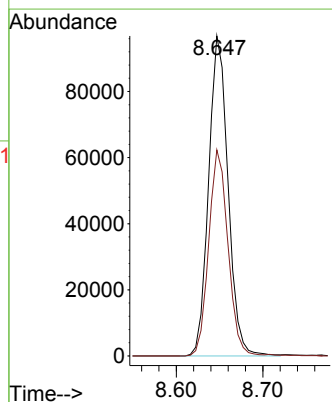
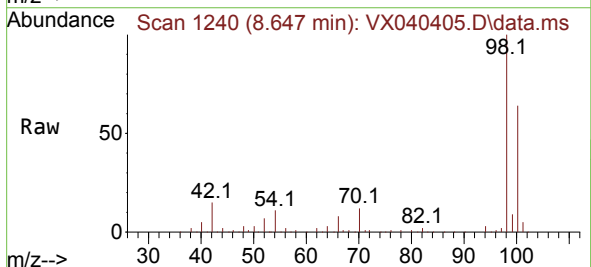
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20240216DL

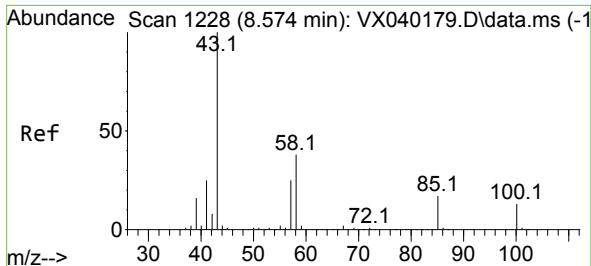
Tgt Ion:130 Resp: 39860
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.4



#50
Toluene-d8
Concen: 46.880 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

Tgt Ion: 98 Resp: 150849
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

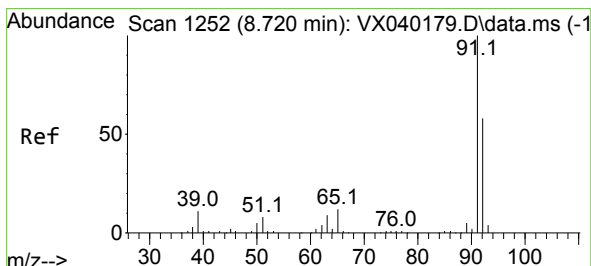
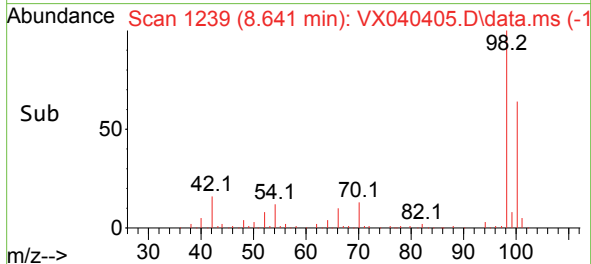
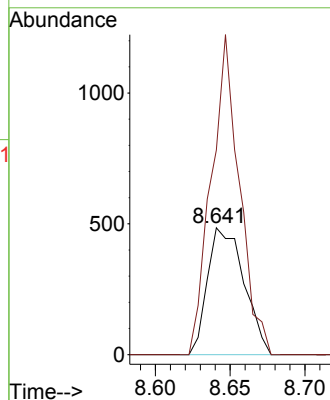
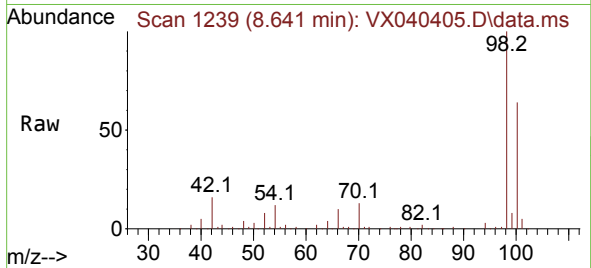




#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

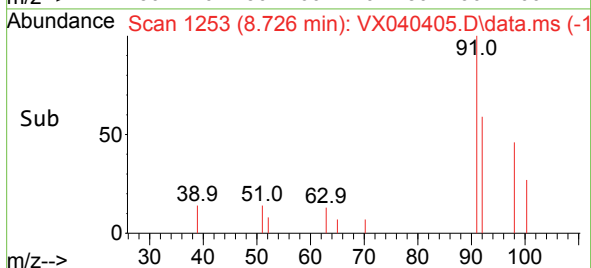
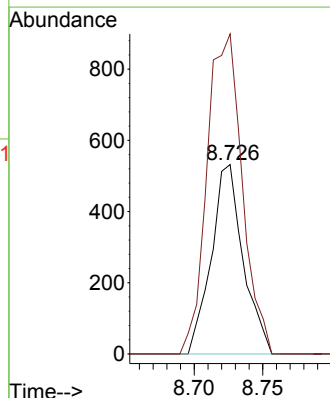
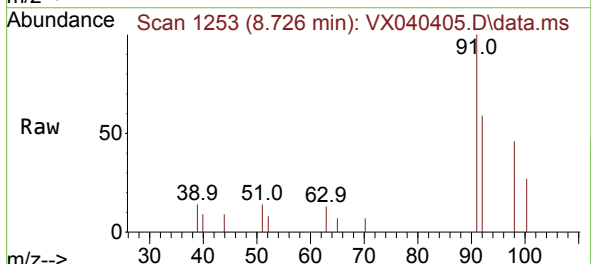
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20240216DL

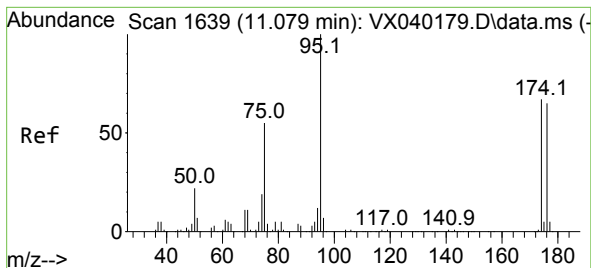
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 195.5 30.4 45.6#



#52
Toluene
Concen: 0.389 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

Tgt Ion: 92 Resp: 859
Ion Ratio Lower Upper
92 100
91 187.0 134.2 201.2

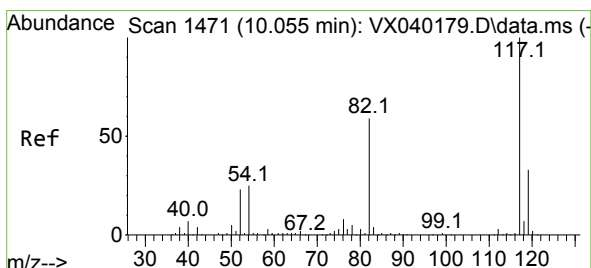
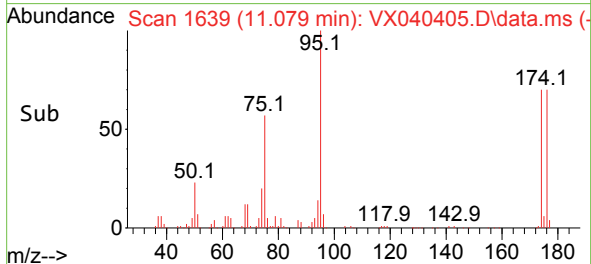
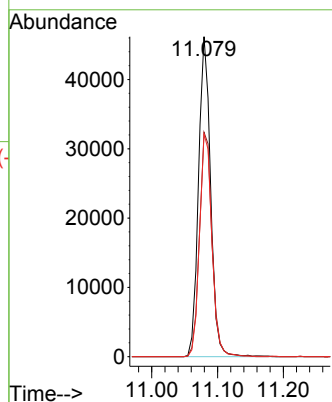
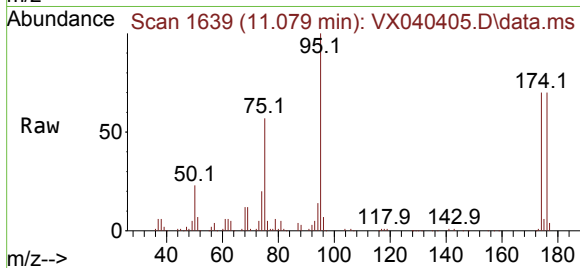




#62
4-Bromofluorobenzene
Concen: 44.705 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

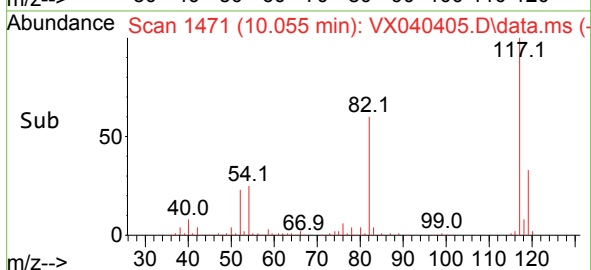
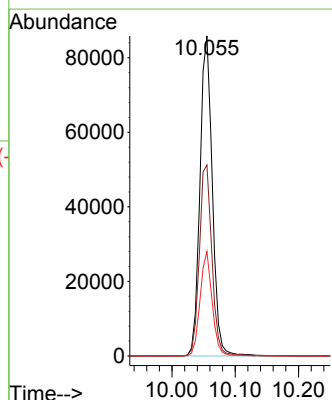
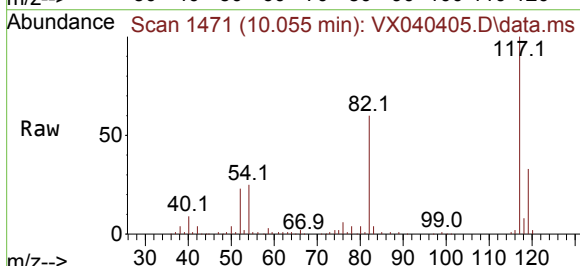
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20240216DL

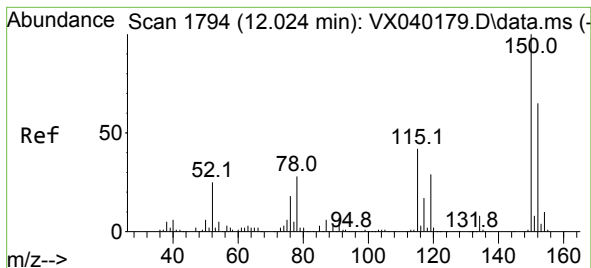
Tgt Ion: 95 Resp: 58668
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040405.D
Acq: 22 Feb 2024 16:35

Tgt Ion: 117 Resp: 116792
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 32.6 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: VX040405.D

Acq: 22 Feb 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20240216DL

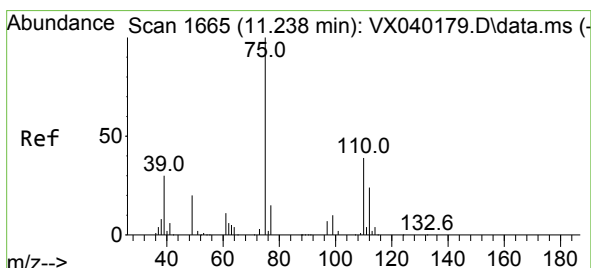
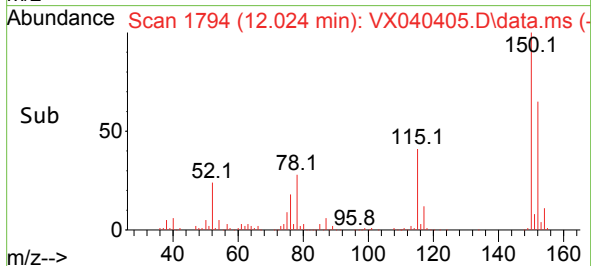
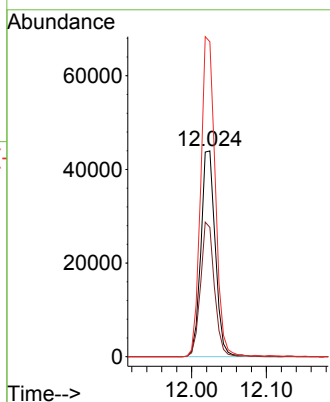
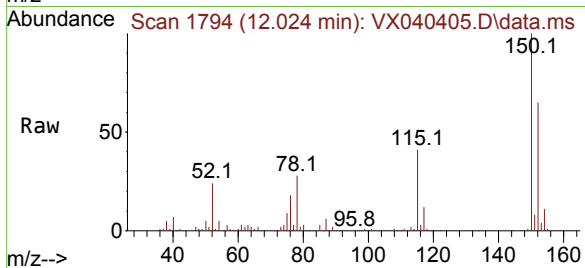
Tgt Ion:152 Resp: 58879

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.386 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040405.D

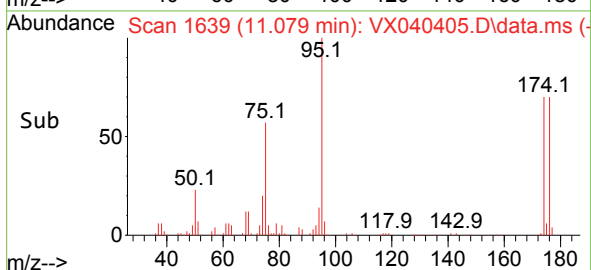
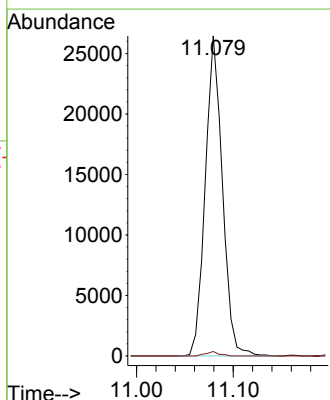
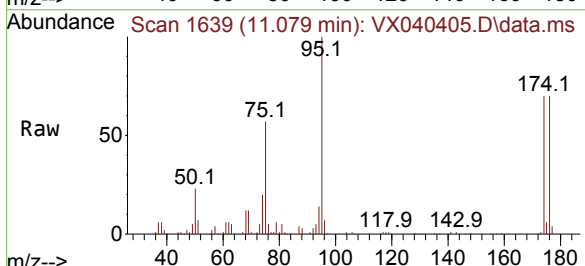
Acq: 22 Feb 2024 16:35

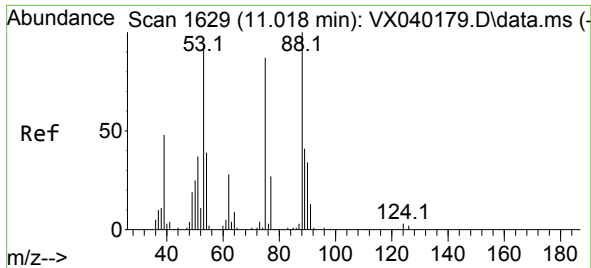
Tgt Ion: 75 Resp: 32653

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.993 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040405.D
 Acq: 22 Feb 2024 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20240216DL

Tgt Ion: 75 Resp: 32653
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

