

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040533.D
 Acq On : 29 Feb 2024 13:41
 Operator : JC/MD
 Sample : P1615-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20240226DL

Quant Time: Mar 01 03:47:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

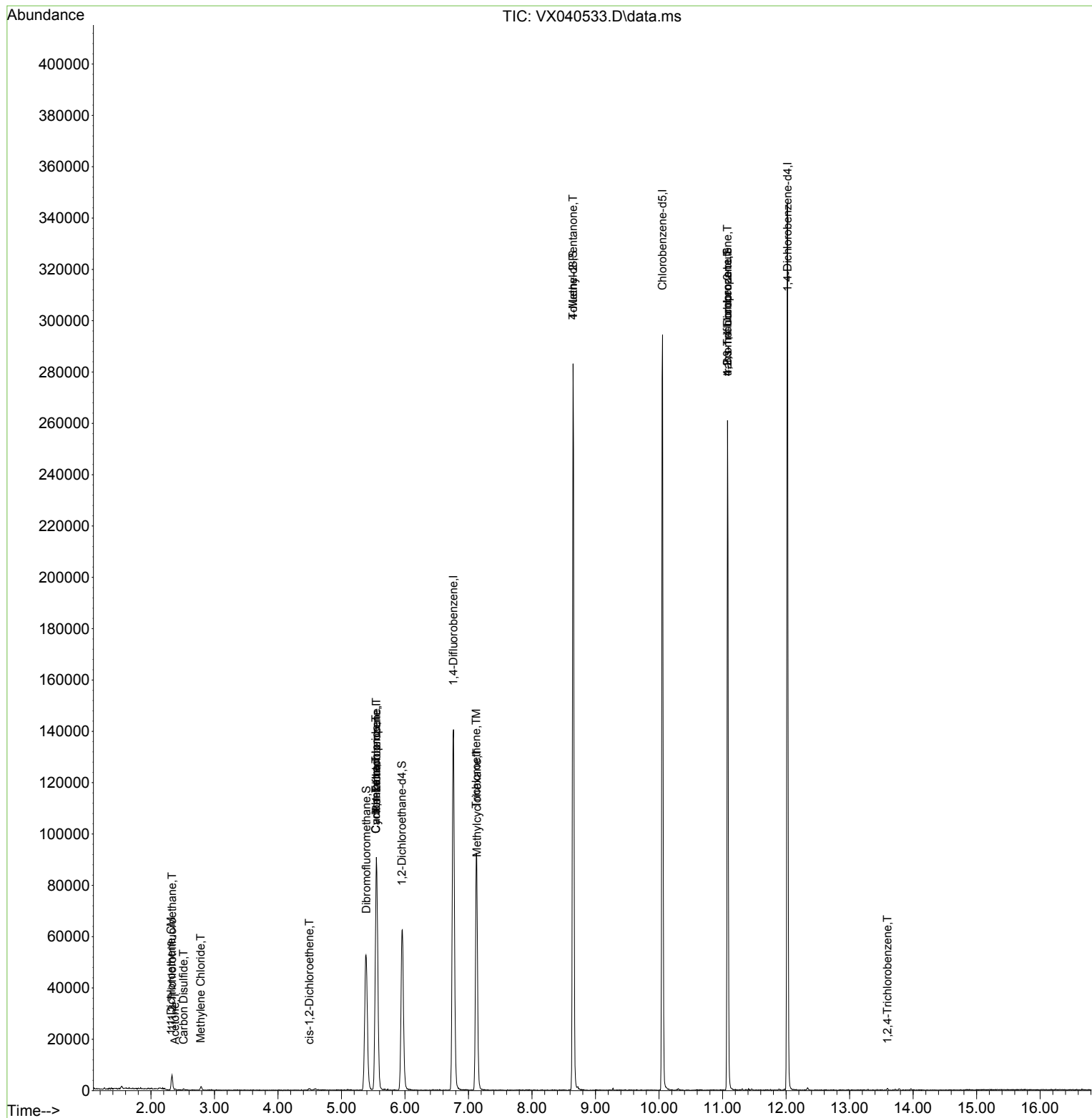
Internal Standards						
1) Pentafluorobenzene	5.549	168	77829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65100	50.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.020%	
35) Dibromofluoromethane	5.391	113	45918	48.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.720%	
50) Toluene-d8	8.646	98	157516	46.175	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.340%	
62) 4-Bromofluorobenzene	11.079	95	64037	49.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.500%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.330	101	1849	2.094	ug/l	91
12) 1,1-Dichloroethene	2.318	96	286	0.323	ug/l #	59
16) Acetone	2.379	43	260	0.612	ug/l #	47
17) Carbon Disulfide	2.513	76	495	0.202	ug/l #	76
20) Methylene Chloride	2.782	84	576	0.567	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	351	0.317	ug/l	82
31) Cyclohexane	5.543	56	2375	1.610	ug/l #	27
36) 1,1-Dichloropropene	5.549	75	7260	5.014	ug/l #	46
38) Carbon Tetrachloride	5.543	117	8575	6.130	ug/l #	14
39) Methylcyclohexane	7.135	83	513	0.328	ug/l #	1
44) Trichloroethene	7.122	130	34193	32.433	ug/l	99
51) 4-Methyl-2-Pentanone	8.646	43	976	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37144	25.208	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37144	73.563	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	308	0.213	ug/l #	72

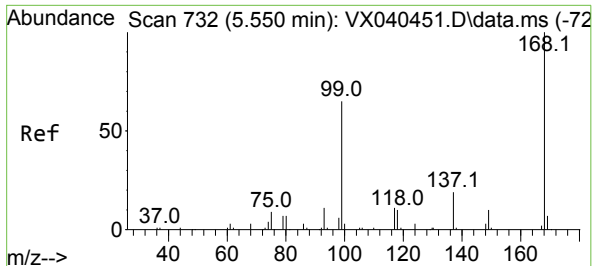
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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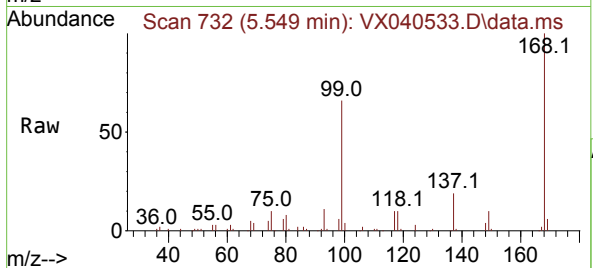
Quant Time: Mar 01 03:47:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
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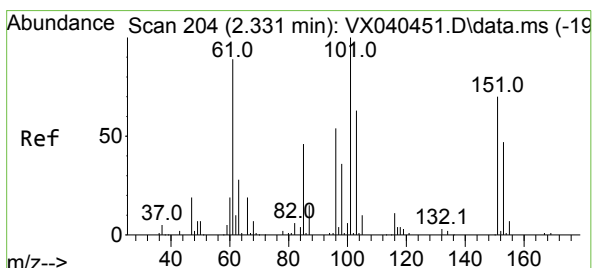
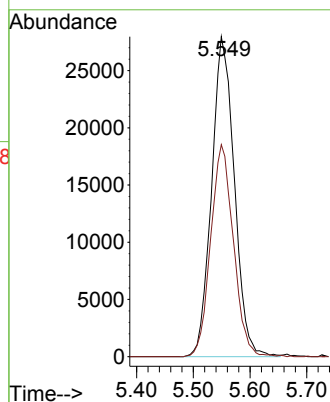
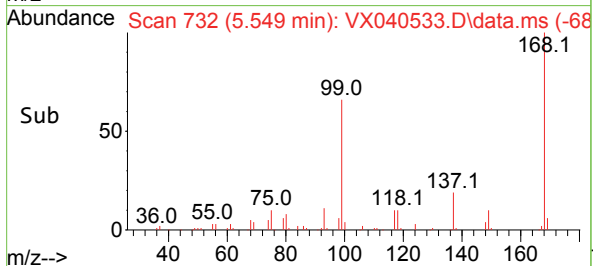


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226DL

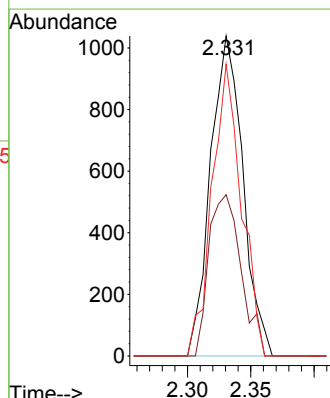
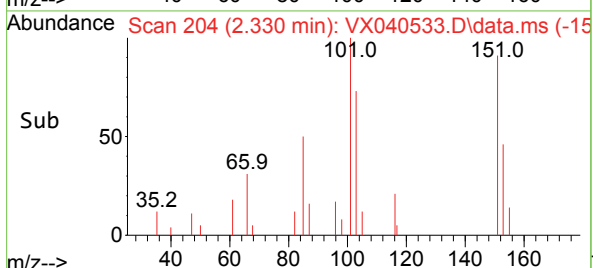
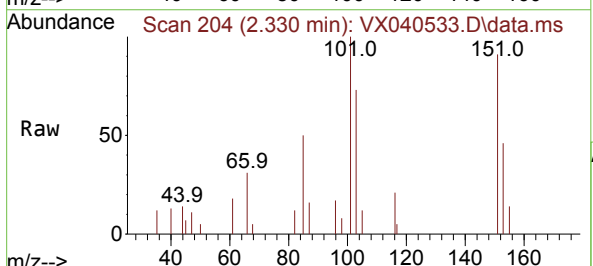


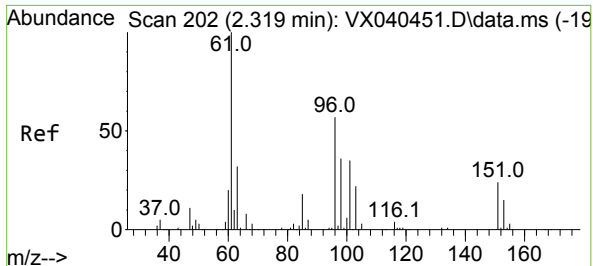
Tgt Ion:168 Resp: 77829
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.094 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

Tgt Ion:101 Resp: 1849
Ion Ratio Lower Upper
101 100
85 50.2 37.0 55.6
151 82.9 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.323 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20240226DL

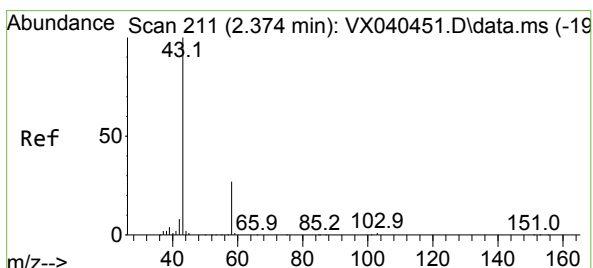
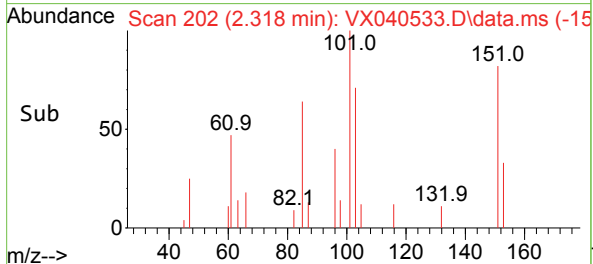
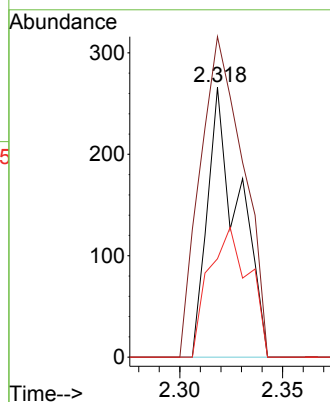
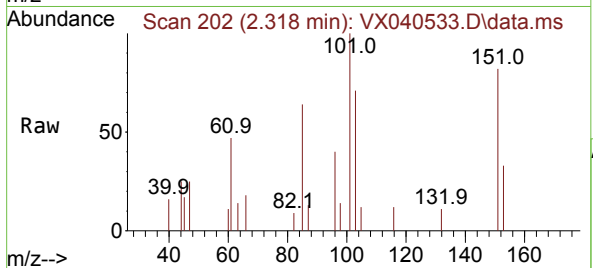
Tgt Ion: 96 Resp: 286

Ion Ratio Lower Upper

96 100

61 118.8 144.6 216.8#

98 36.5 50.4 75.6#



#16

Acetone

Concen: 0.612 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX040533.D

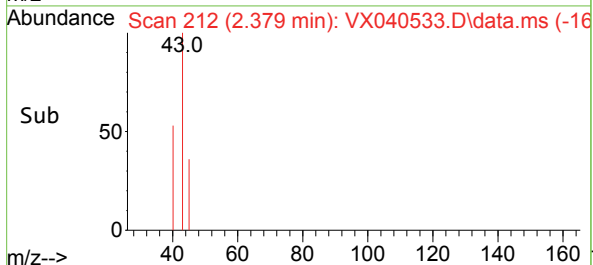
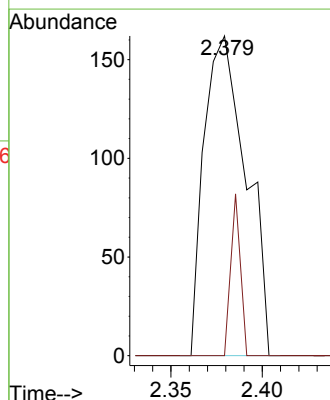
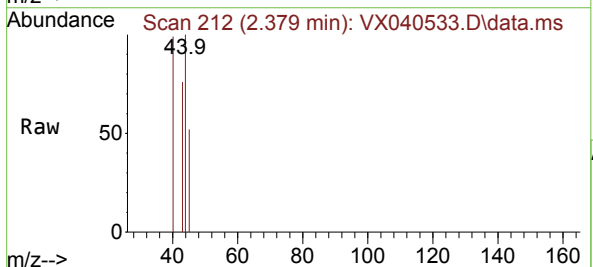
Acq: 29 Feb 2024 13:41

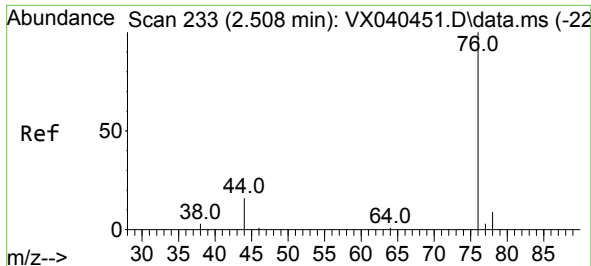
Tgt Ion: 43 Resp: 260

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040533.D

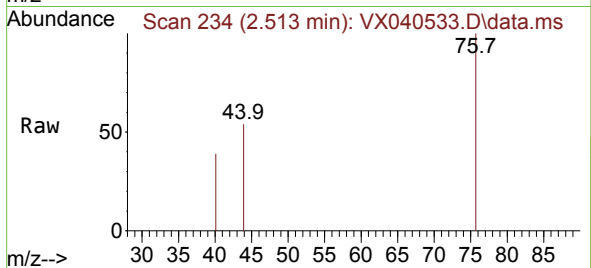
Acq: 29 Feb 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20240226DL

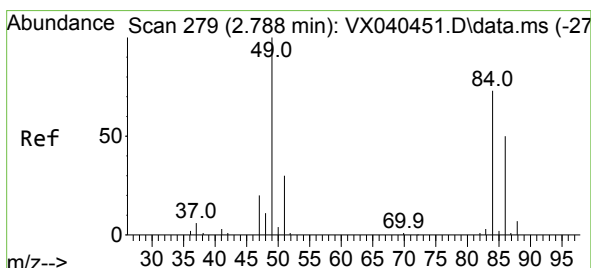
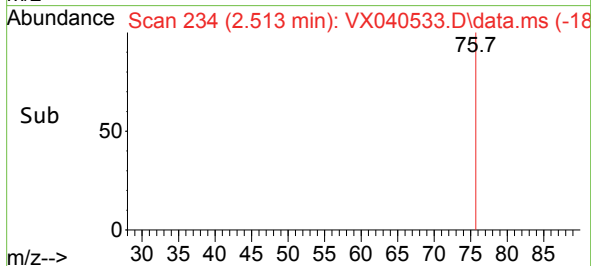
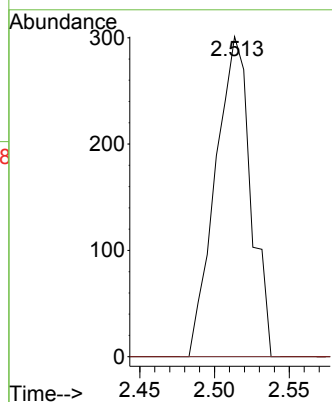


Tgt Ion: 76 Resp: 495

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.567 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

Tgt Ion: 84 Resp: 576

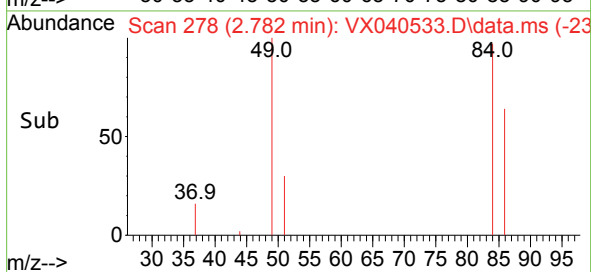
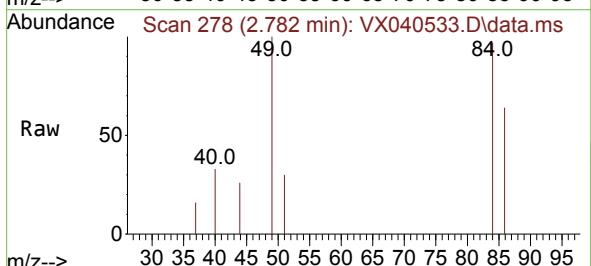
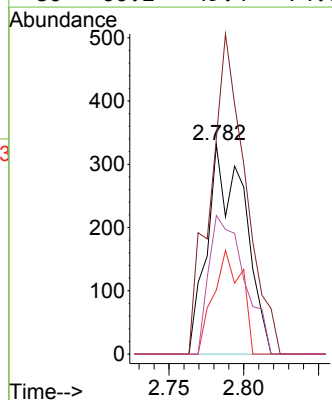
Ion Ratio Lower Upper

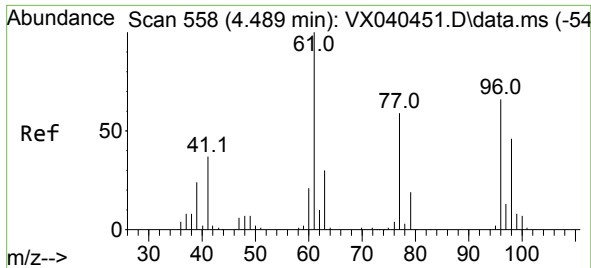
84 100

49 103.0 103.6 155.4#

51 30.5 33.8 50.6#

86 66.2 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.317 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20240226DL

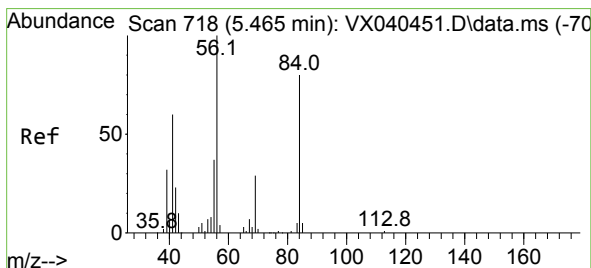
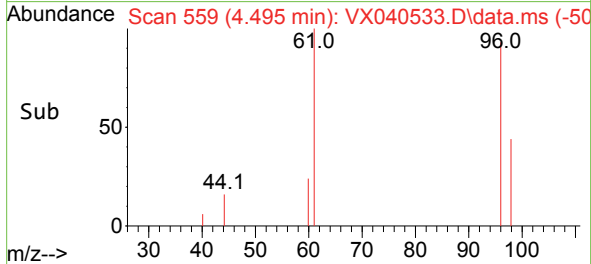
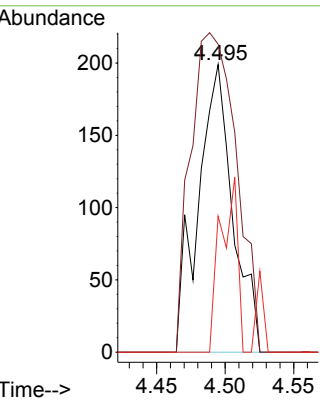
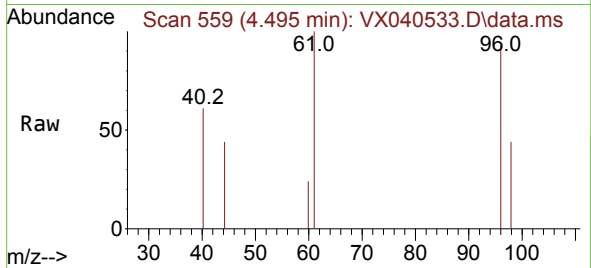
Tgt Ion: 96 Resp: 351

Ion Ratio Lower Upper

96 100

61 146.7 0.0 312.2

98 29.9 0.0 129.0



#31

Cyclohexane

Concen: 1.610 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

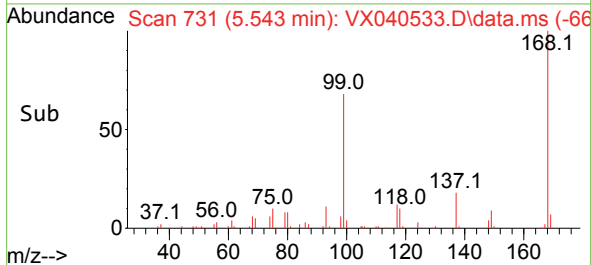
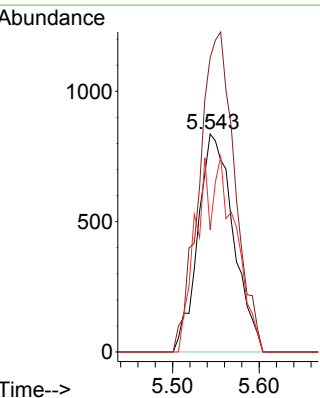
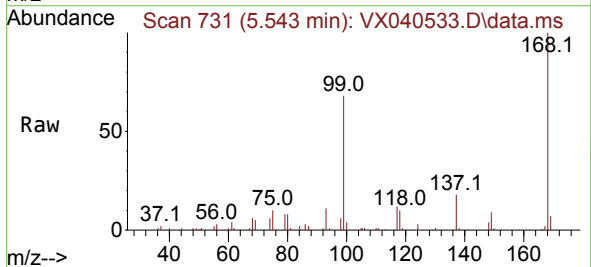
Tgt Ion: 56 Resp: 2375

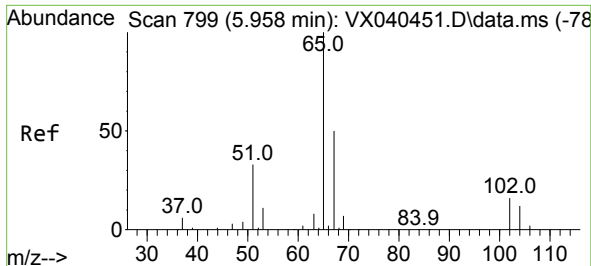
Ion Ratio Lower Upper

56 100

69 135.0 23.4 35.2#

84 56.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.010 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :

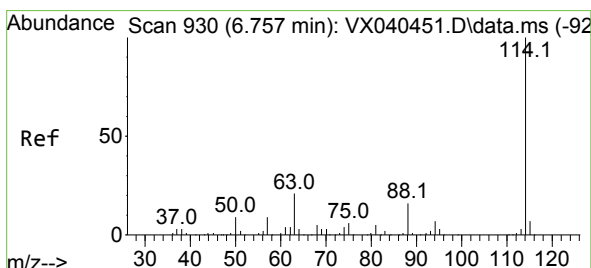
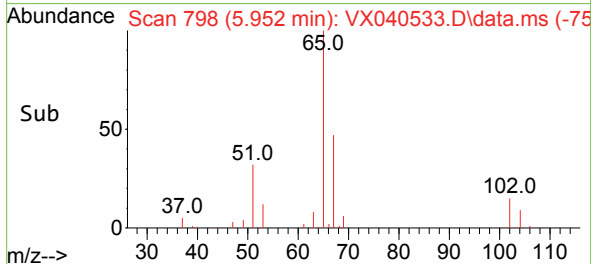
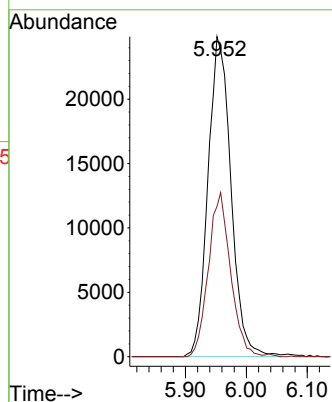
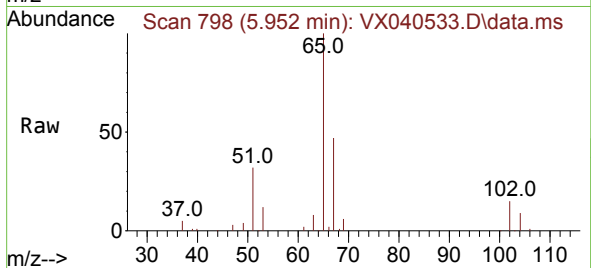
RE114D1-20240226DL

Tgt Ion: 65 Resp: 65100

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

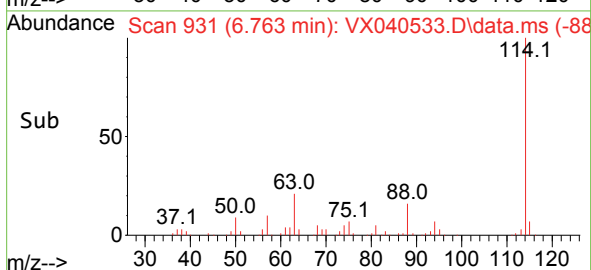
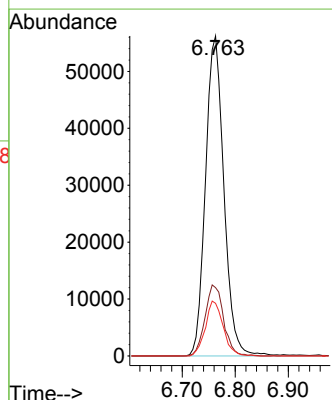
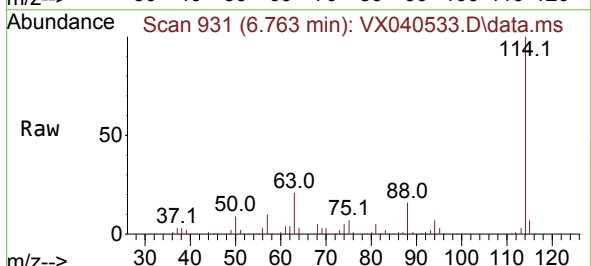
Tgt Ion: 114 Resp: 135145

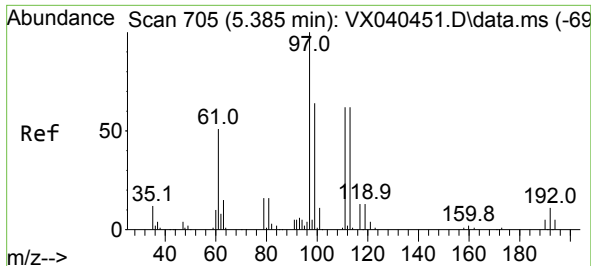
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.4 0.0 36.6

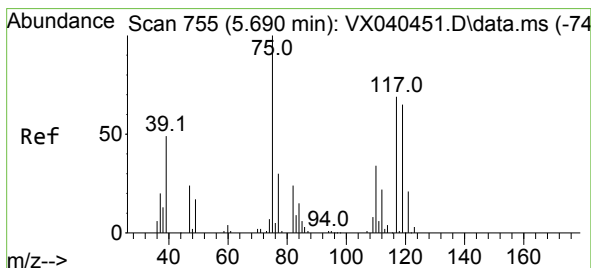
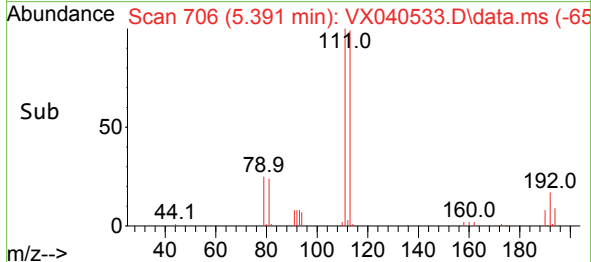
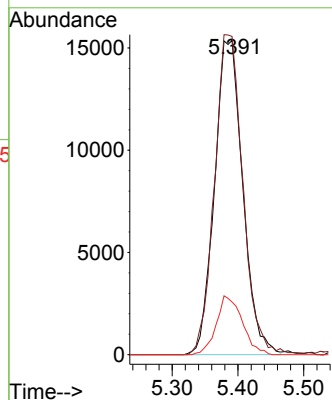
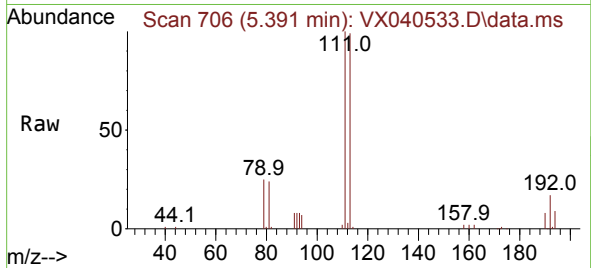




#35
Dibromofluoromethane
Concen: 48.860 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

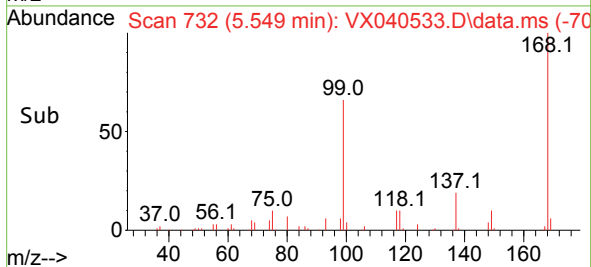
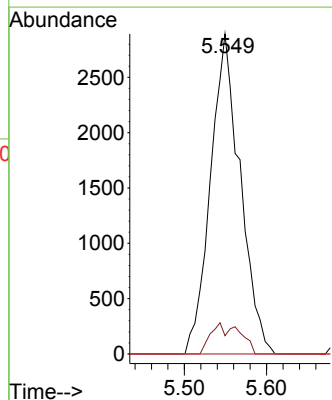
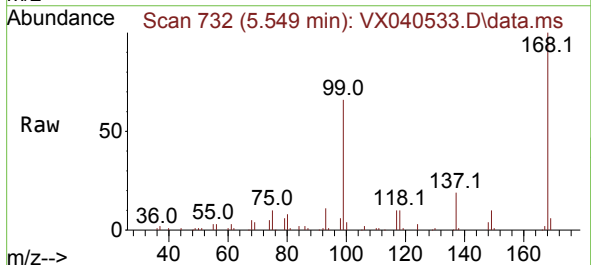
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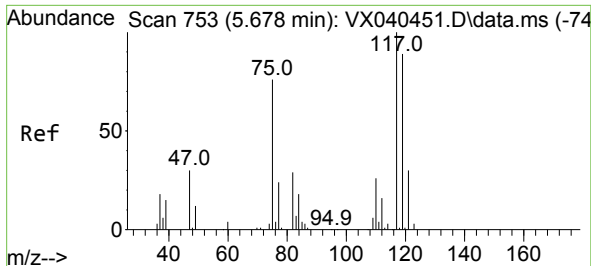
Tgt Ion:113 Resp: 45918
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

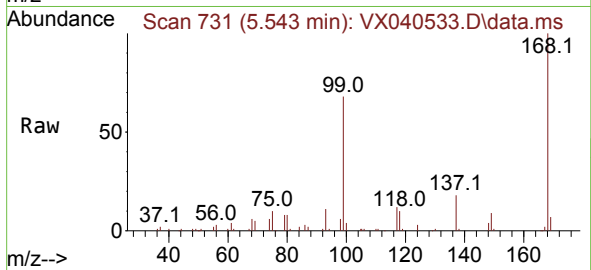
Tgt Ion: 75 Resp: 7260
Ion Ratio Lower Upper
75 100
110 4.7 17.0 50.9#
77 0.0 24.7 37.1#



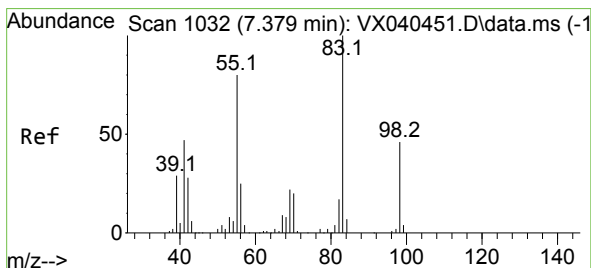
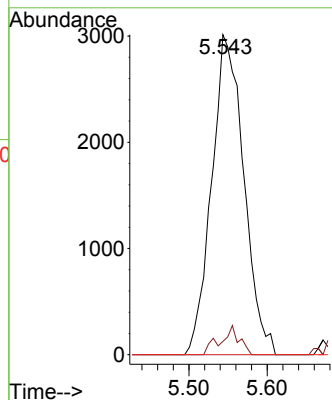
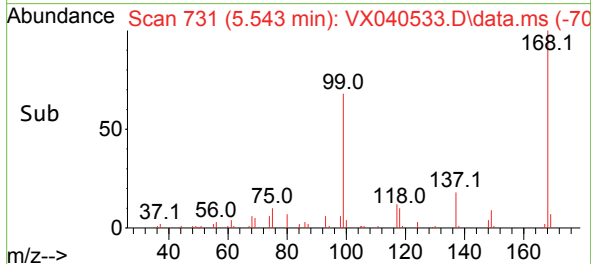


#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226DL

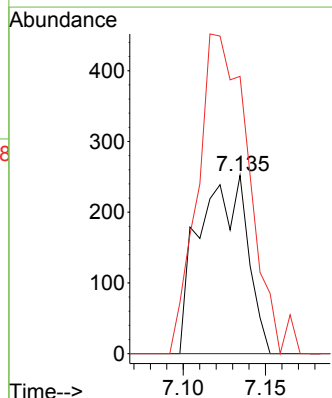
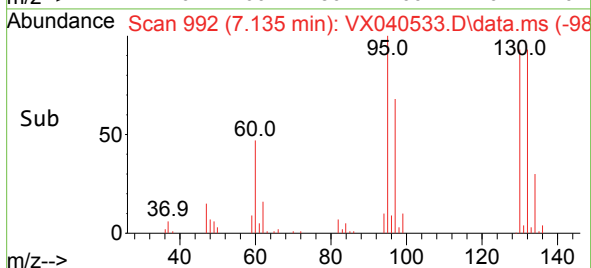
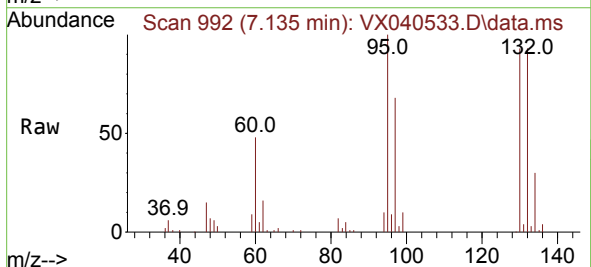


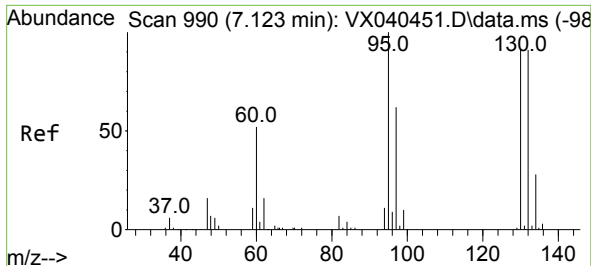
Tgt Ion:117 Resp: 8575
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.328 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.244 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

Tgt Ion: 83 Resp: 513
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 155.6 36.7 55.1#

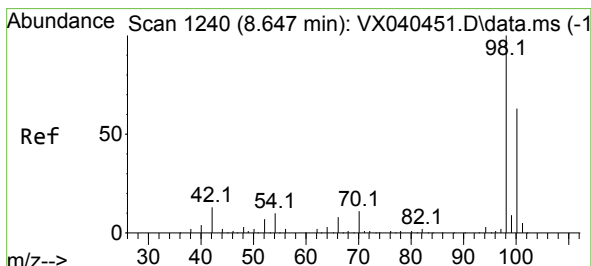
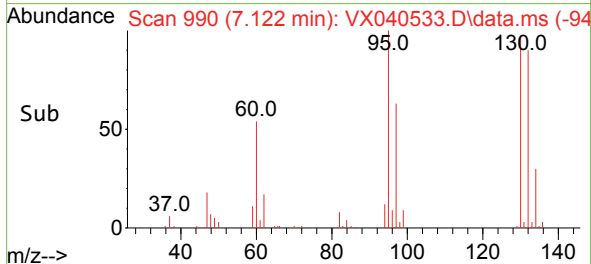
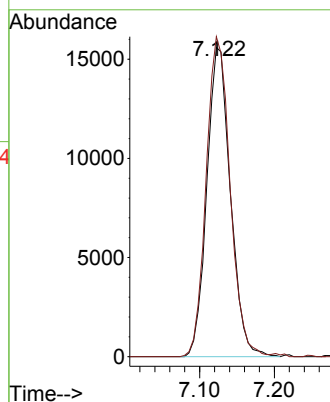
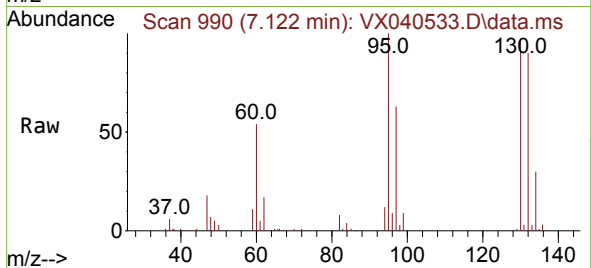




#44
Trichloroethene
Concen: 32.433 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

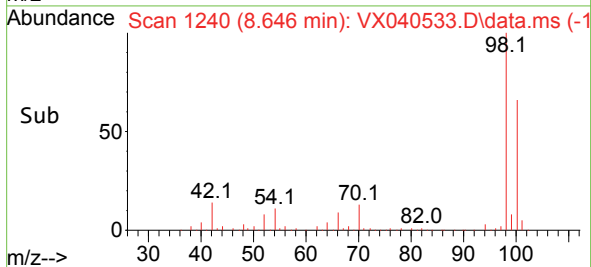
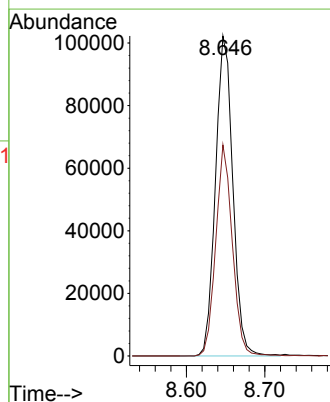
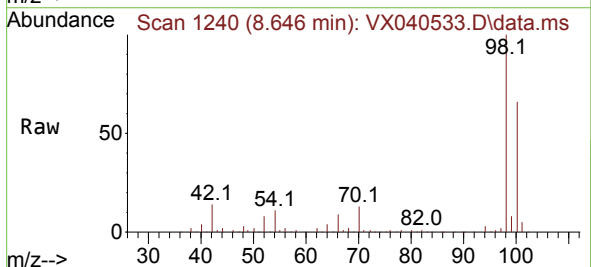
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226DL

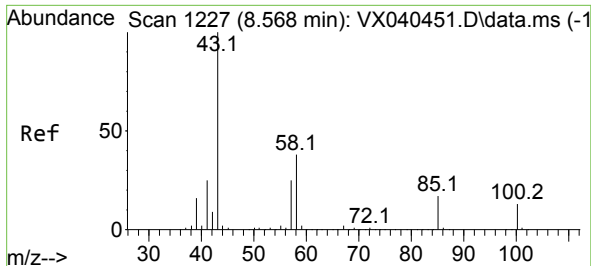
Tgt Ion:130 Resp: 34193
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.4



#50
Toluene-d8
Concen: 46.175 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

Tgt Ion: 98 Resp: 157516
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

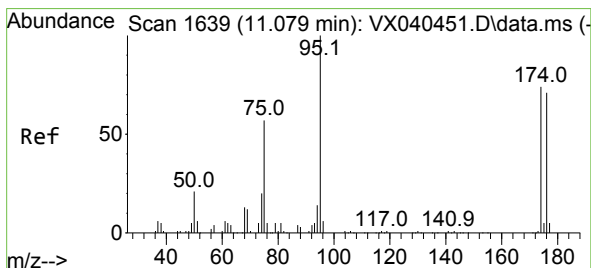
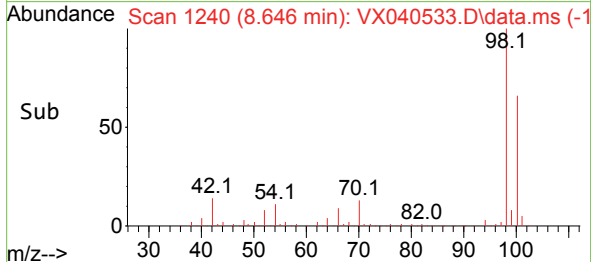
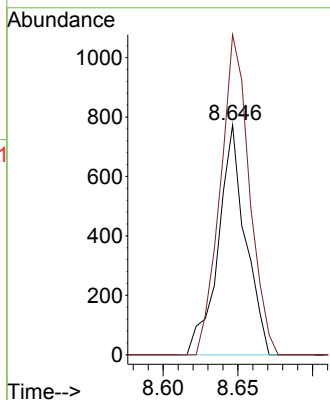
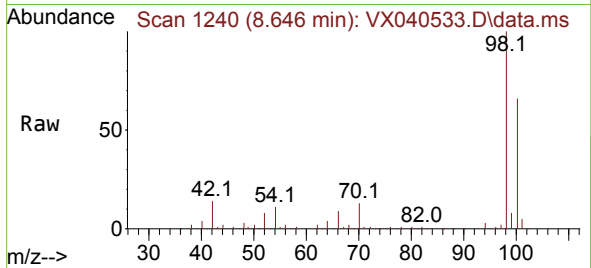




#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

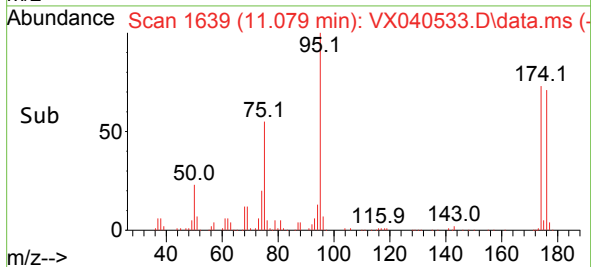
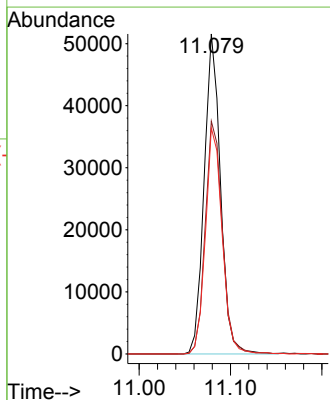
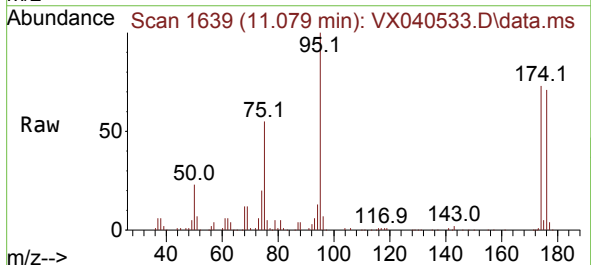
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226DL

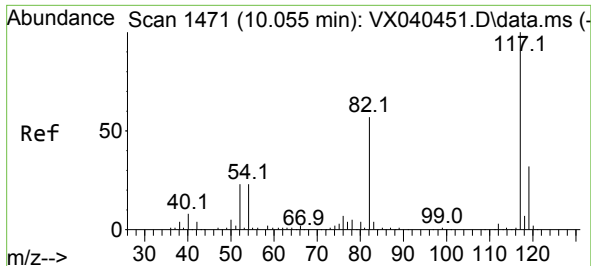
Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 148.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.245 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

Tgt Ion: 95 Resp: 64037
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 72.3 0.0 131.0

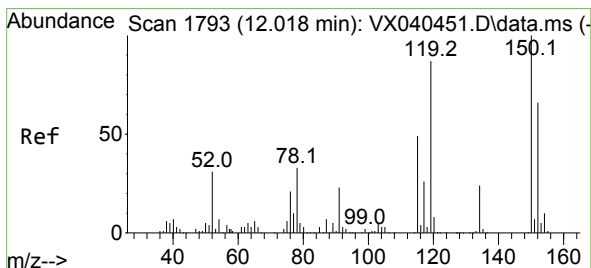
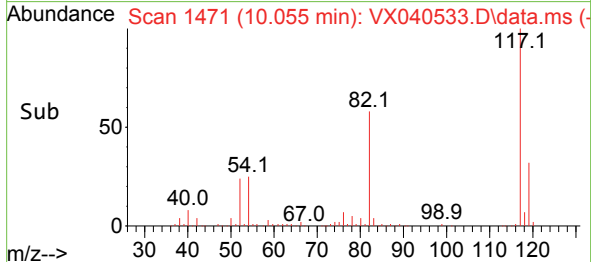
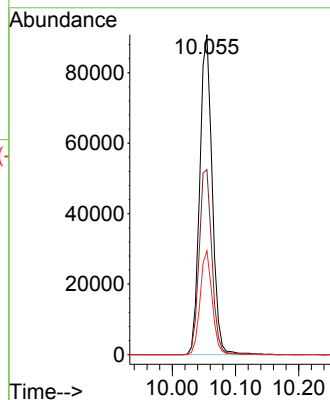
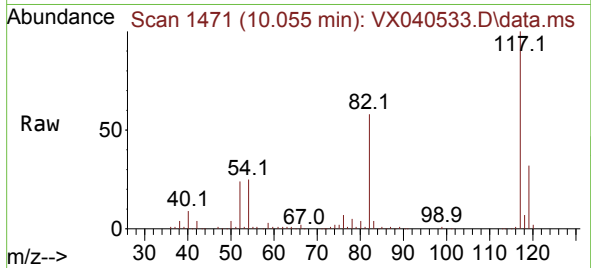




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

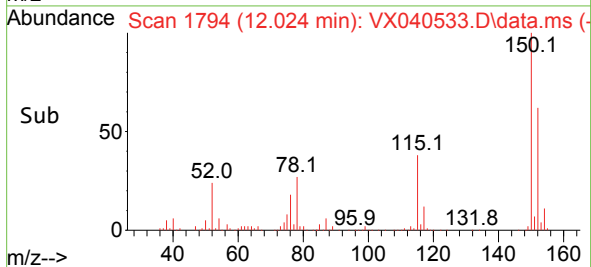
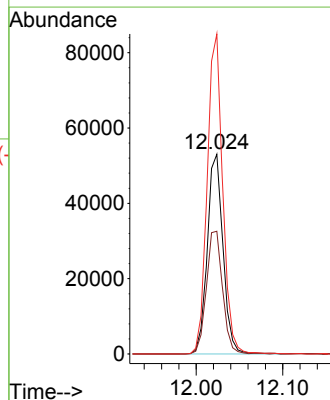
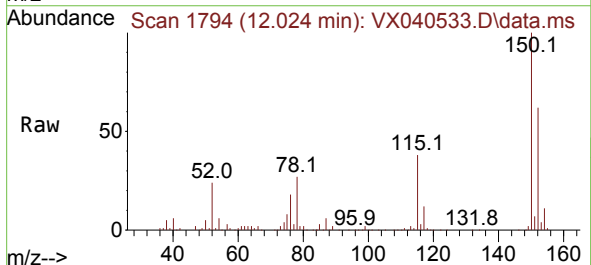
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226DL

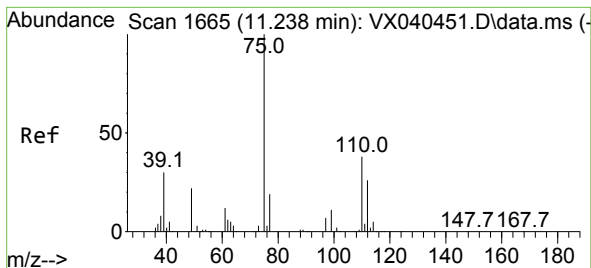
Tgt Ion:117 Resp: 124734
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040533.D
Acq: 29 Feb 2024 13:41

Tgt Ion:152 Resp: 66952
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 157.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.208 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :

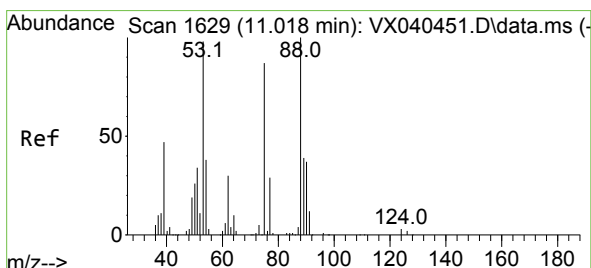
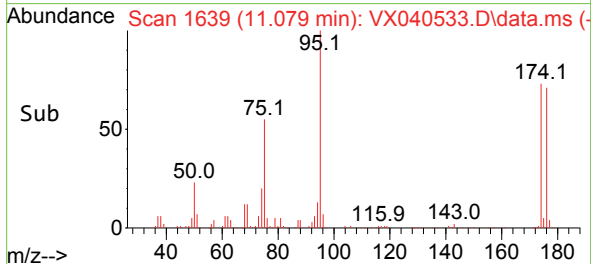
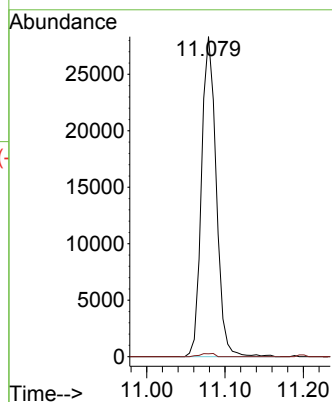
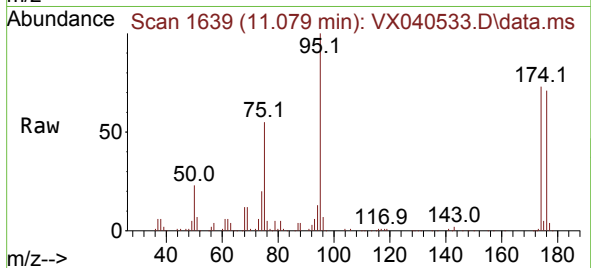
RE114D1-20240226DL

Tgt Ion: 75 Resp: 37144

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.563 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040533.D

Acq: 29 Feb 2024 13:41

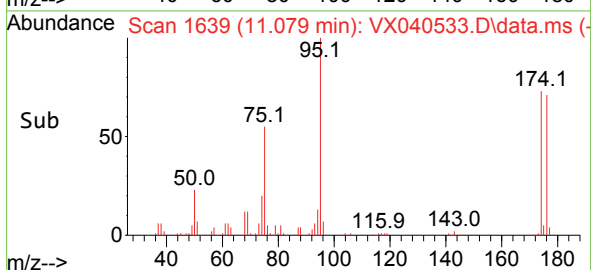
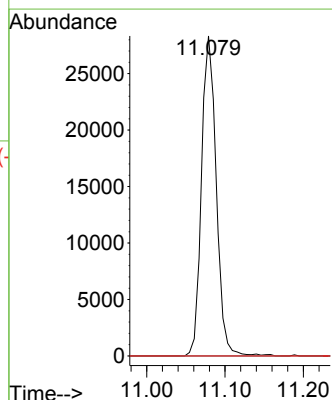
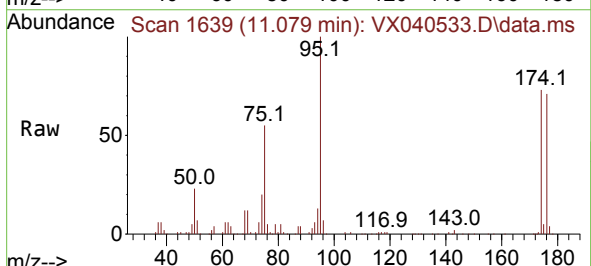
Tgt Ion: 75 Resp: 37144

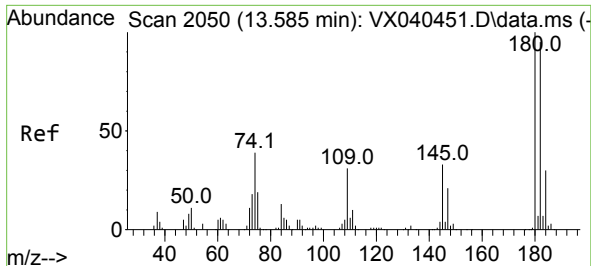
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.213 ug/l

RT: 13.597 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX040533.D

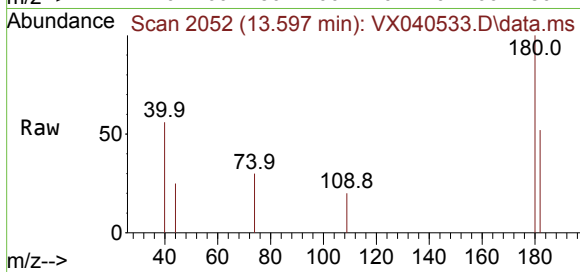
Acq: 29 Feb 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20240226DL



Tgt Ion:180 Resp: 308

Ion Ratio Lower Upper

180 100

182 81.5 48.3 144.8

145 0.0 18.0 54.0#

