

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040521.D
 Acq On : 28 Feb 2024 19:07
 Operator : JC/MD
 Sample : P1615-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20240226

Quant Time: Feb 29 03:54:34 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)

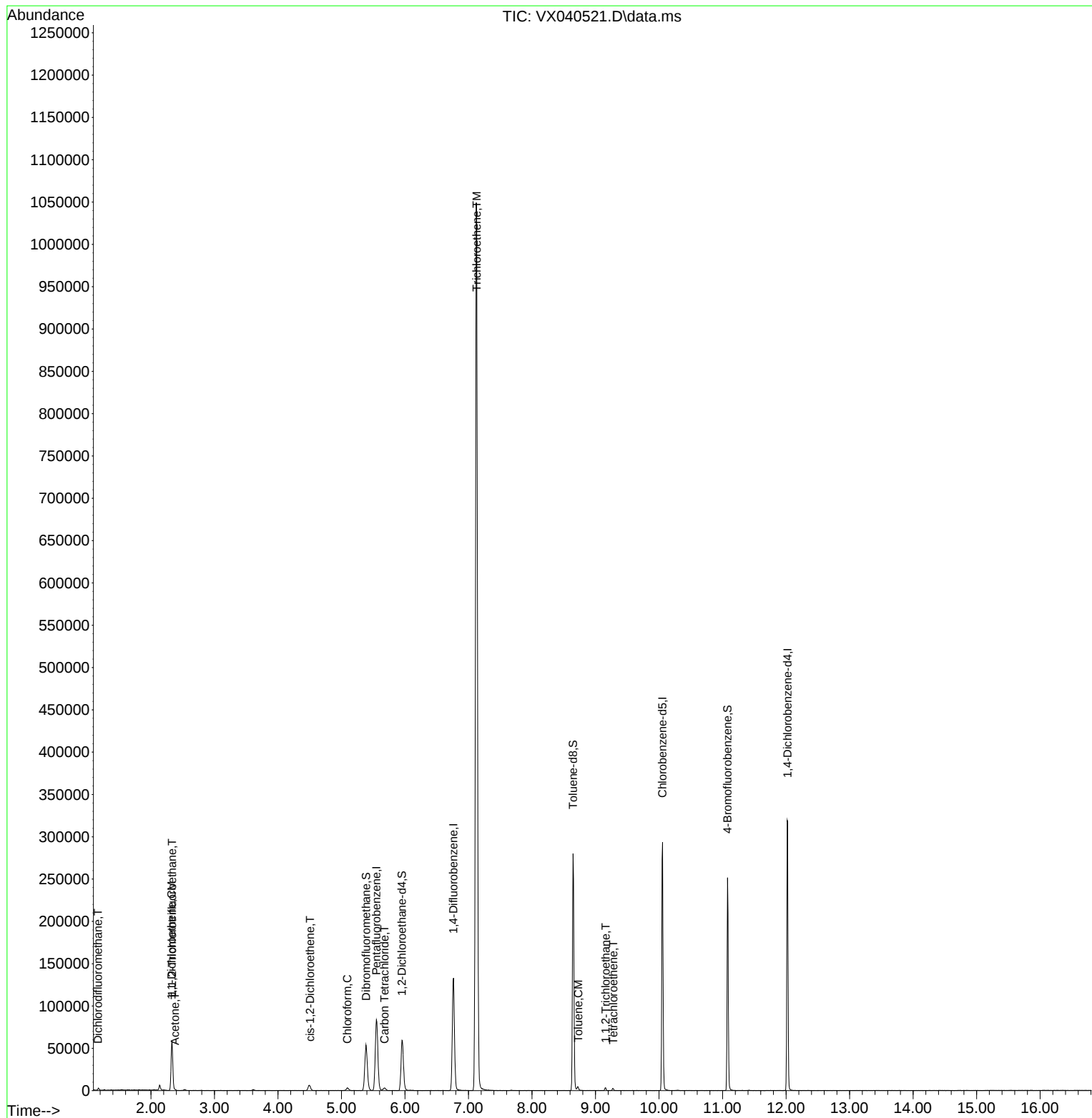
Internal Standards						
1) Pentafluorobenzene	5.550	168	73507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60421	49.145	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.280%
35) Dibromofluoromethane	5.385	113	44087	49.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	8.647	98	159672	49.858	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.720%
62) 4-Bromofluorobenzene	11.079	95	63324	51.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1110	1.213	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	19328	23.171	ug/l	97
12) 1,1-Dichloroethene	2.325	96	3003	3.586	ug/l	88
16) Acetone	2.380	43	1126	2.808	ug/l #	89
27) cis-1,2-Dichloroethene	4.507	96	3739	3.578	ug/l	90
30) Chloroform	5.093	83	3241	1.778	ug/l	94
38) Carbon Tetrachloride	5.678	117	2469	1.880	ug/l	87
44) Trichloroethene	7.129	130	372979	376.847	ug/l	99
52) Toluene	8.726	92	1685	0.746	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	991	1.057	ug/l #	75
64) Tetrachloroethene	9.281	164	454	0.527	ug/l #	75

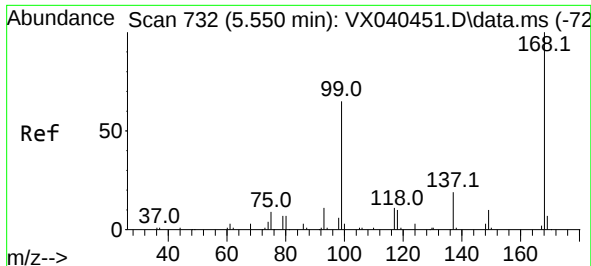
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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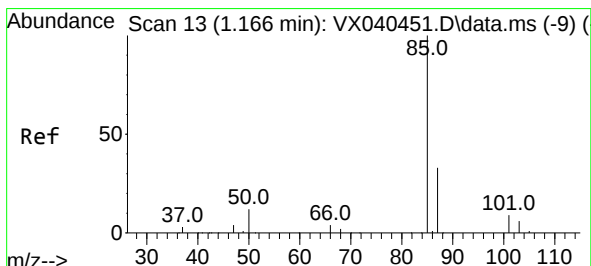
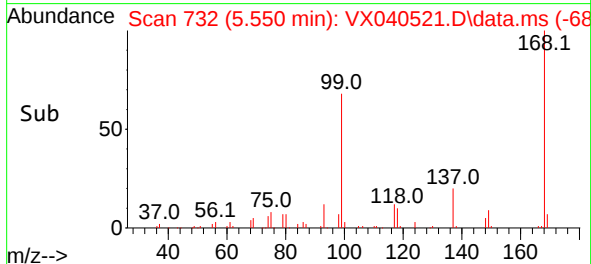
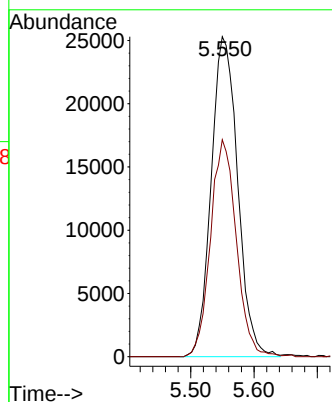
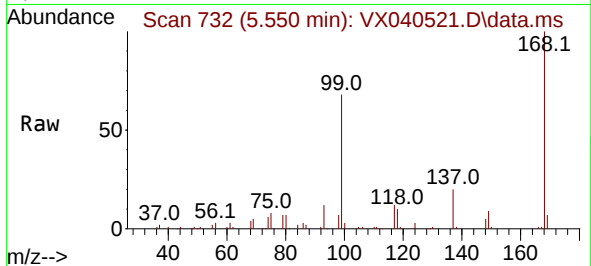




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

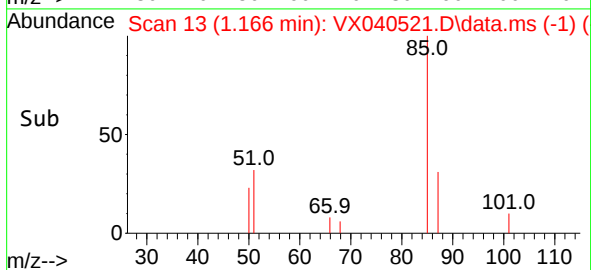
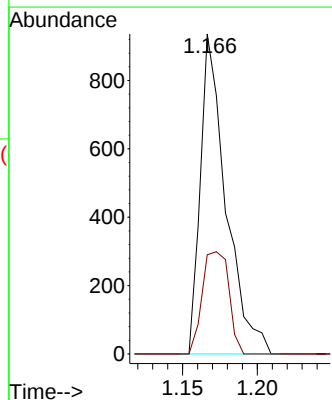
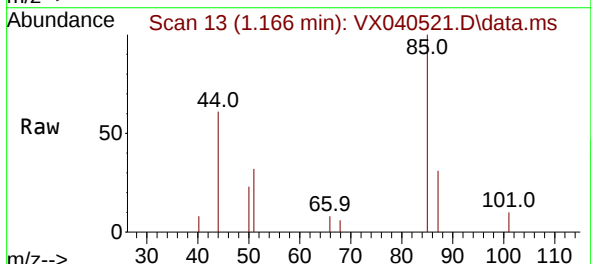
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226

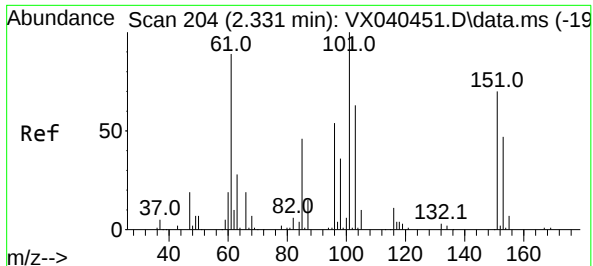
Tgt Ion:168 Resp: 73507
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 1.213 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

Tgt Ion: 85 Resp: 1110
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1

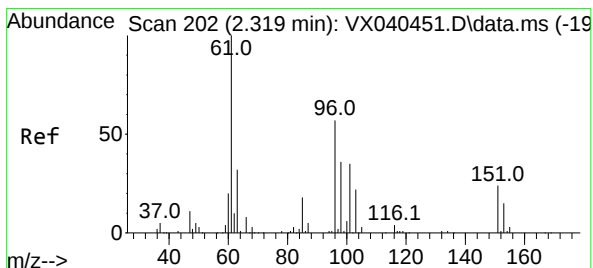
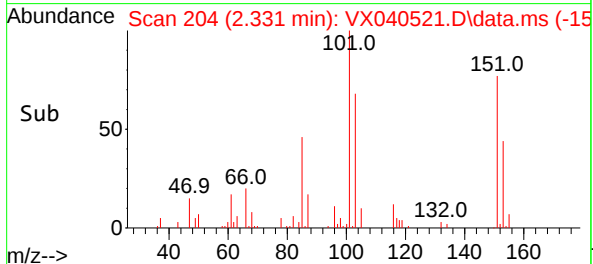
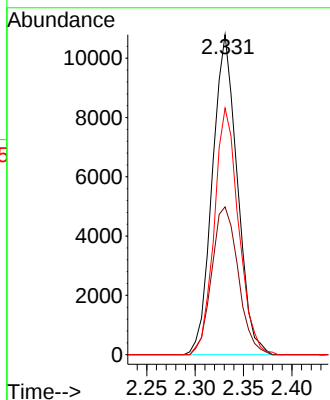
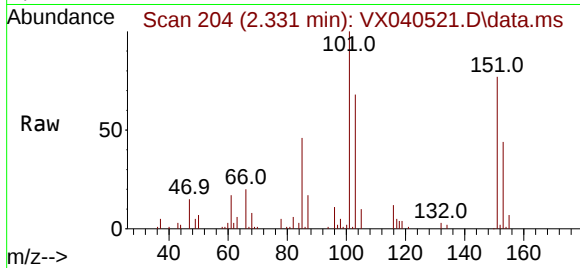




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.171 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

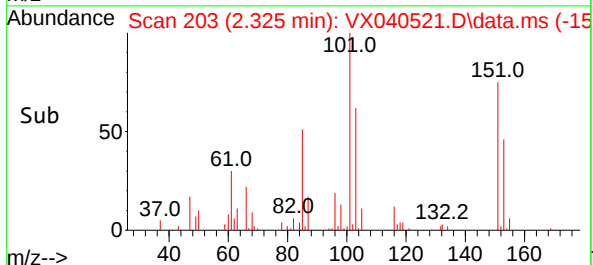
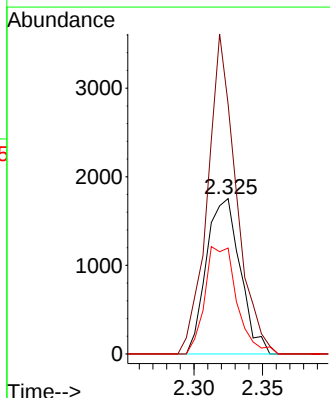
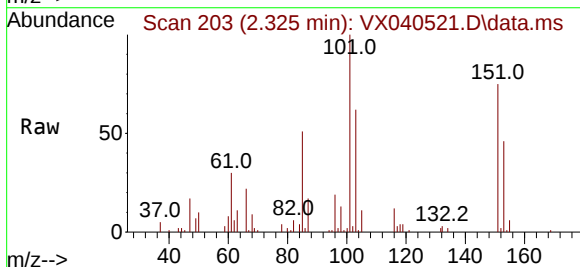
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226

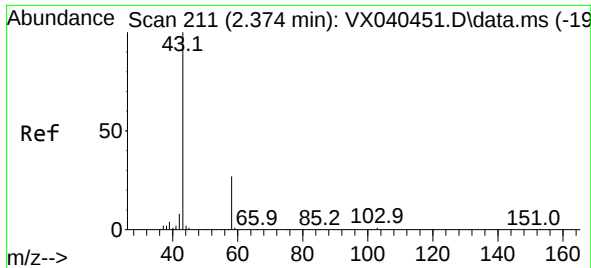
Tgt Ion:101 Resp: 19328
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 75.3 58.6 87.8



#12
1,1-Dichloroethene
Concen: 3.586 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

Tgt Ion: 96 Resp: 3003
Ion Ratio Lower Upper
96 100
61 160.8 144.6 216.8
98 68.2 50.4 75.6

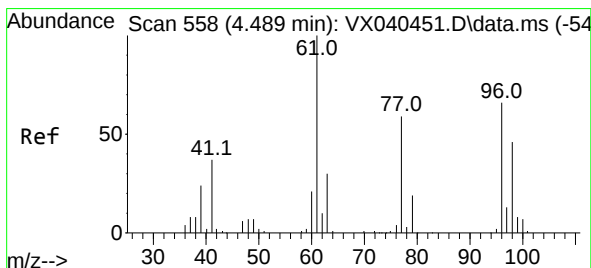
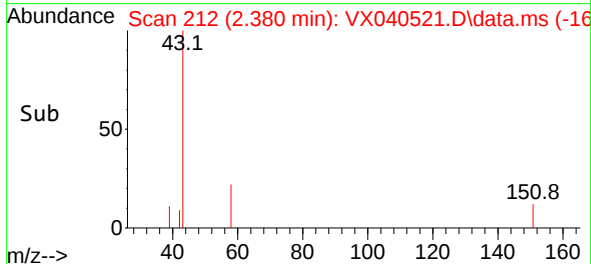
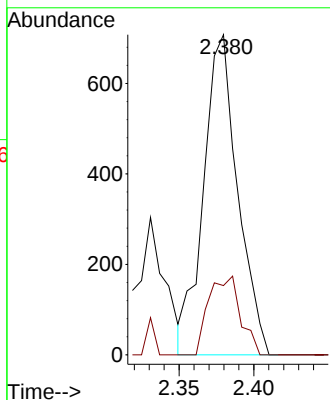
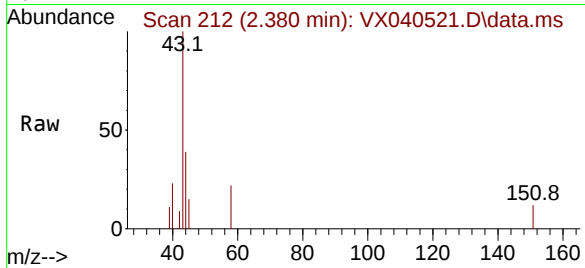




#16
Acetone
Concen: 2.808 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

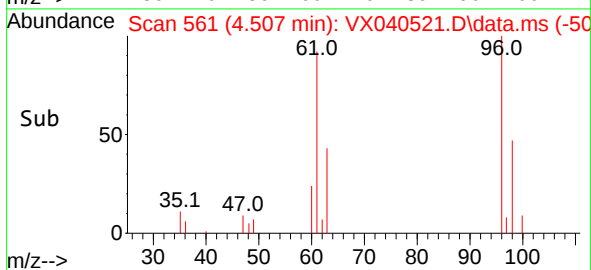
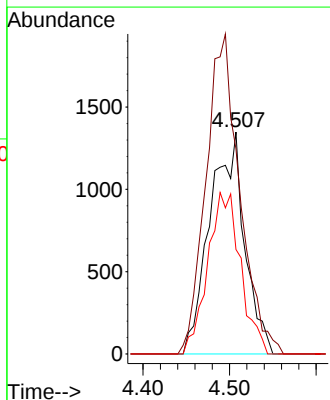
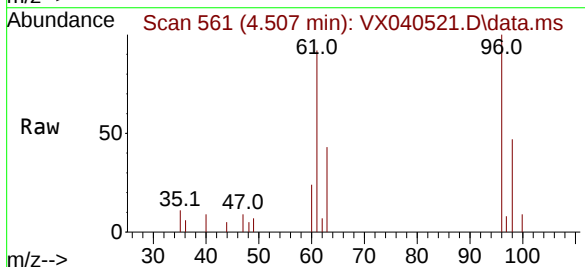
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226

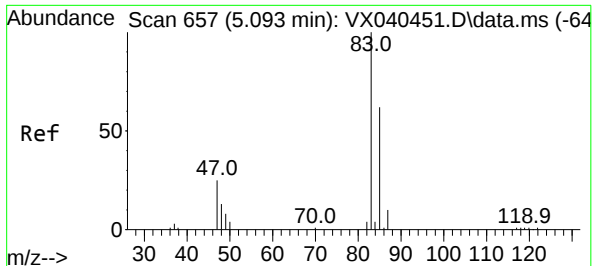
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 21.6 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 3.578 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.018 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

Tgt Ion: 96 Resp: 3739
Ion Ratio Lower Upper
96 100
61 140.9 0.0 312.2
98 69.0 0.0 129.0





#30

Chloroform

Concen: 1.778 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX040521.D

Acq: 28 Feb 2024 19:07

Instrument :

MSVOA_X

ClientSampleId :

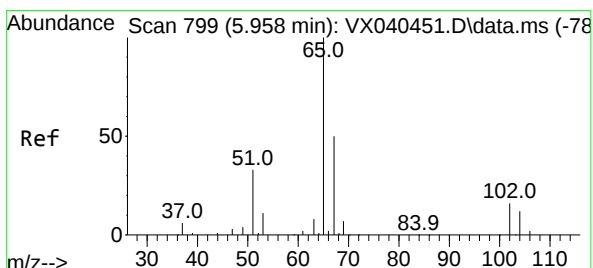
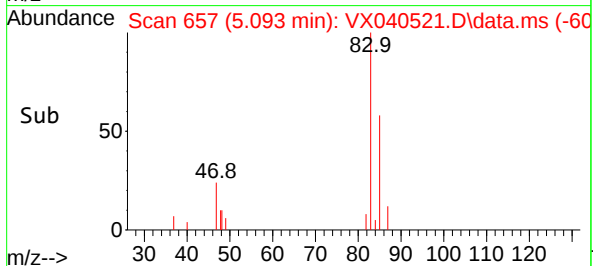
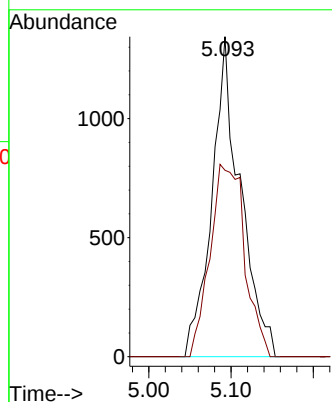
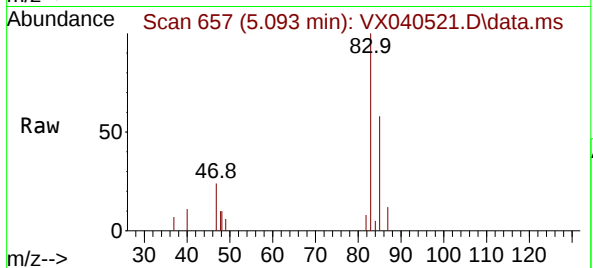
RE114D1-20240226

Tgt Ion: 83 Resp: 3241

Ion Ratio Lower Upper

83 100

85 58.3 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 49.145 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040521.D

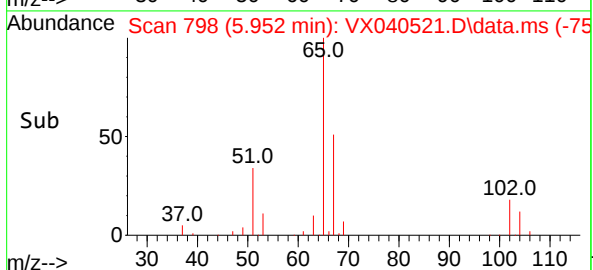
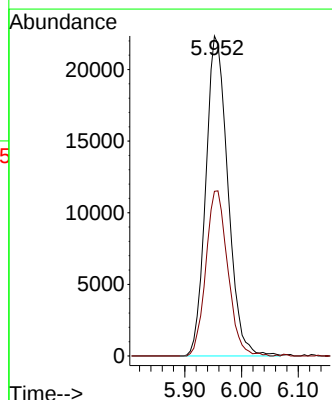
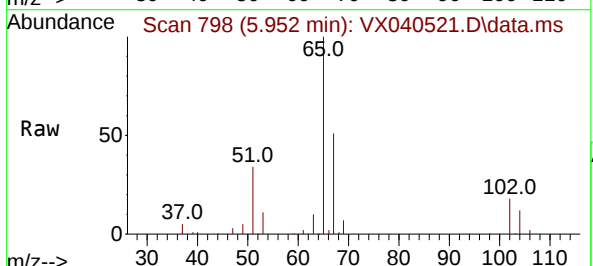
Acq: 28 Feb 2024 19:07

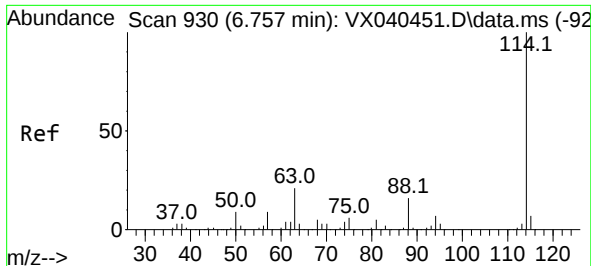
Tgt Ion: 65 Resp: 60421

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2

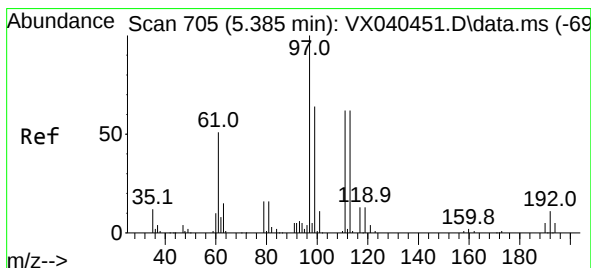
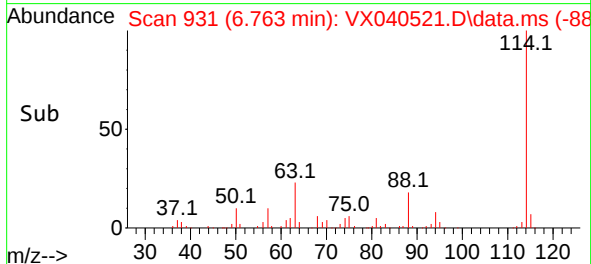
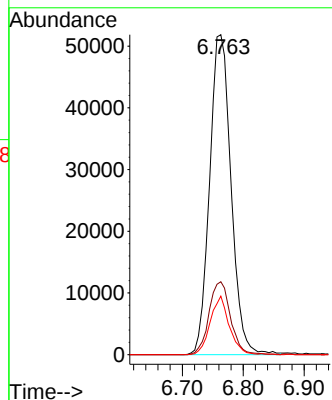
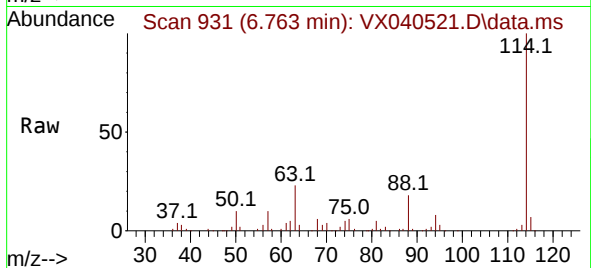




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

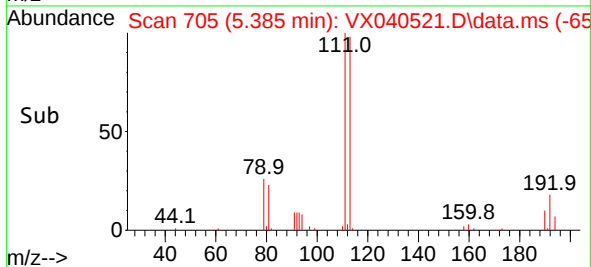
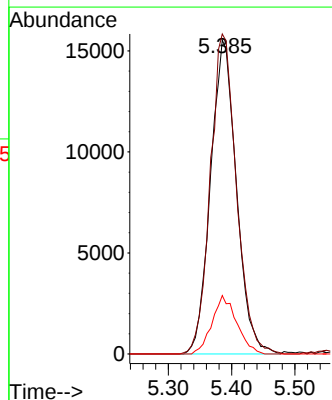
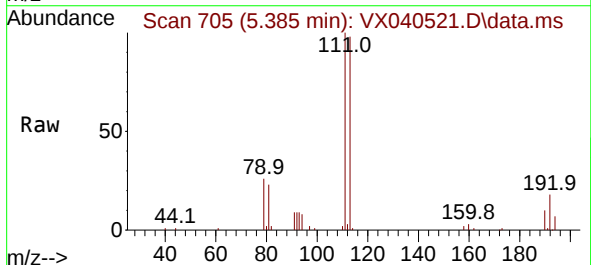
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226

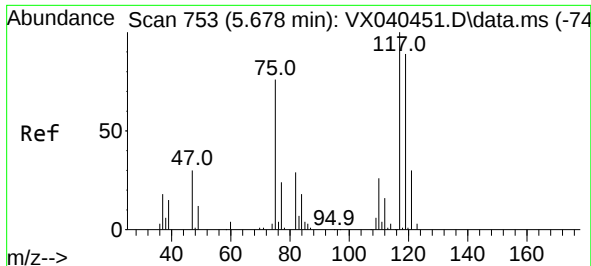
Tgt Ion:114 Resp: 126873
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 18.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

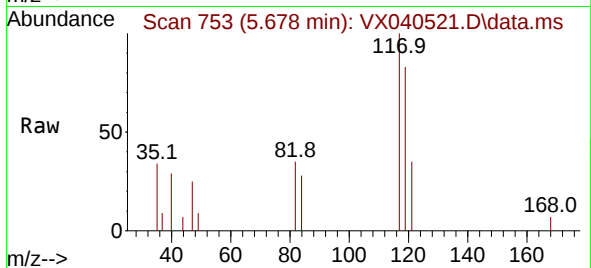
Tgt Ion:113 Resp: 44087
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.7 13.3 19.9



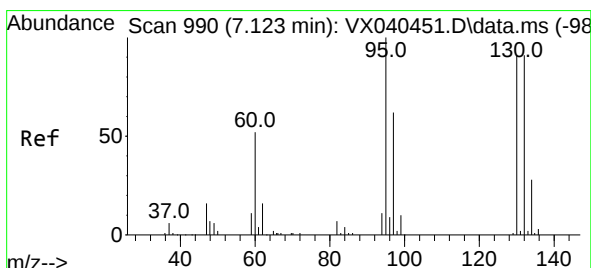
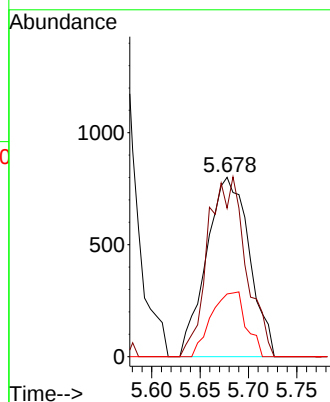
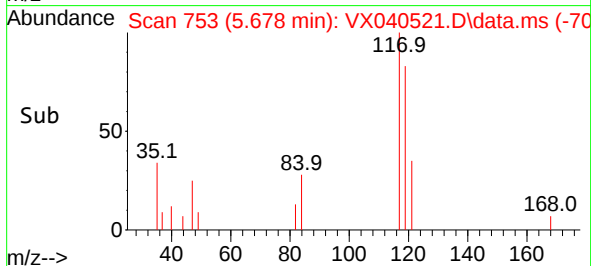


#38
Carbon Tetrachloride
Concen: 1.880 ug/l
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226

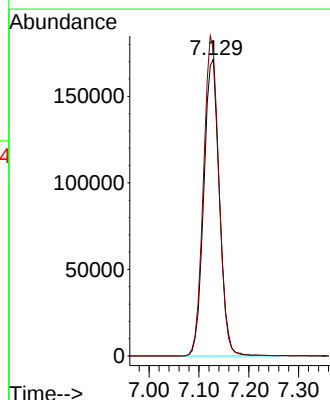
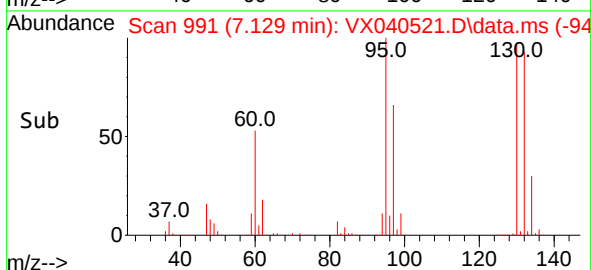
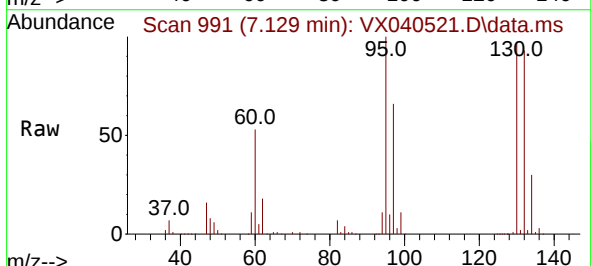


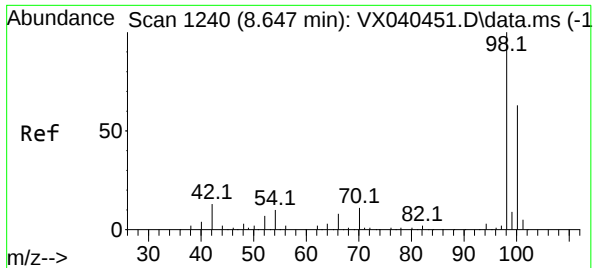
Tgt Ion:117 Resp: 2469
Ion Ratio Lower Upper
117 100
119 82.8 78.2 117.2
121 35.0 24.4 36.6



#44
Trichloroethene
Concen: 376.847 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

Tgt Ion:130 Resp: 372979
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.4

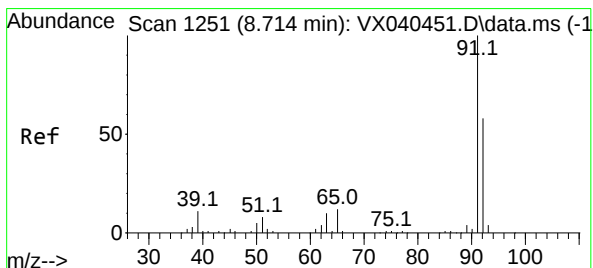
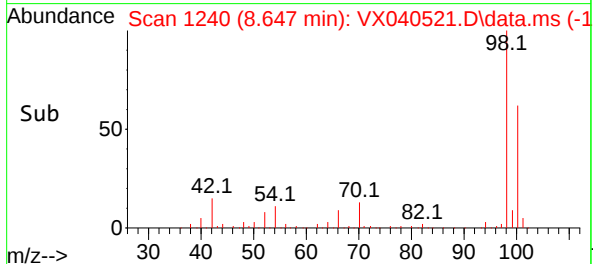
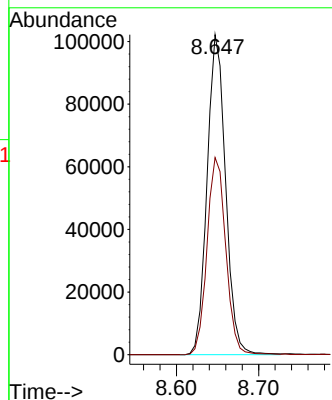
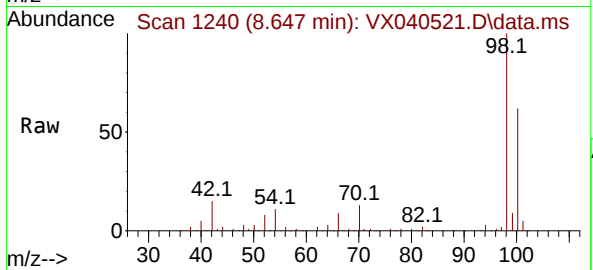




#50
Toluene-d8
Concen: 49.858 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

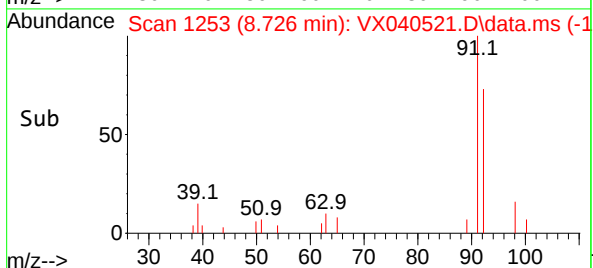
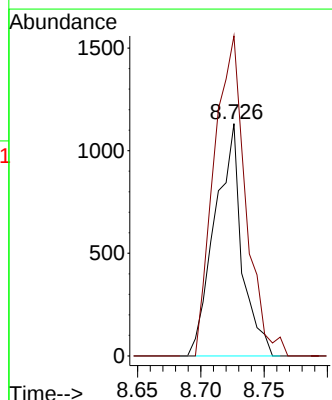
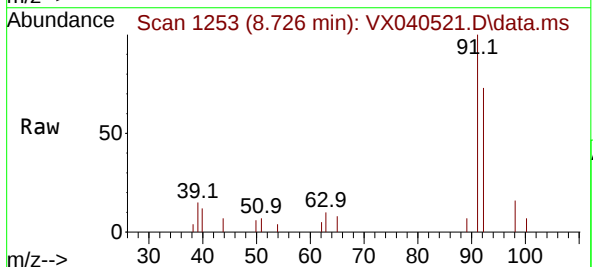
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226

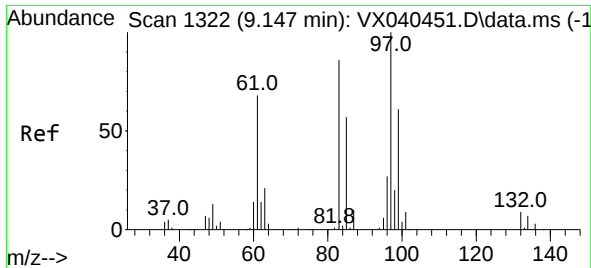
Tgt Ion: 98 Resp: 159672
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7



#52
Toluene
Concen: 0.746 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

Tgt Ion: 92 Resp: 1685
Ion Ratio Lower Upper
92 100
91 160.9 134.2 201.2

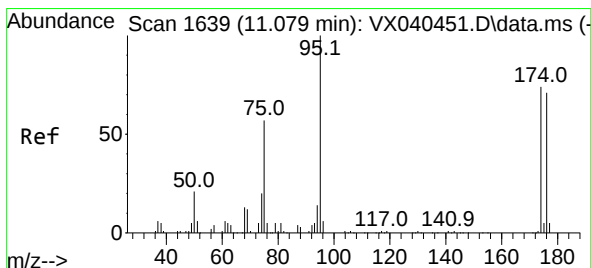
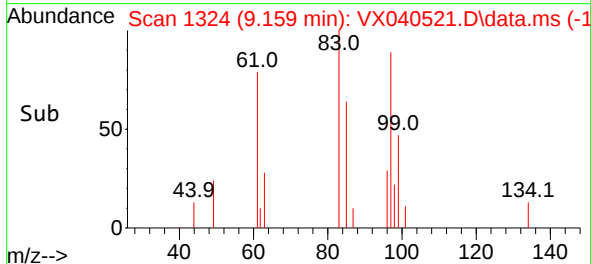
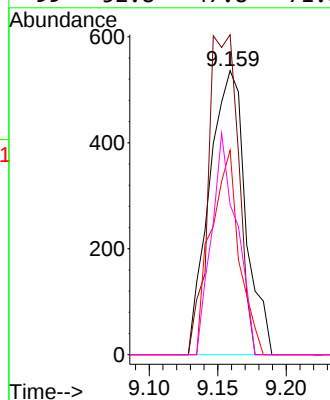
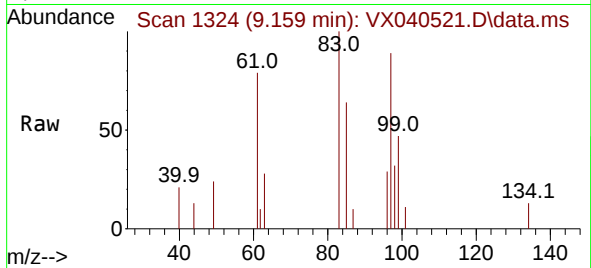




#55
 1,1,2-Trichloroethane
 Concen: 1.057 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.012 min
 Lab File: VX040521.D
 Acq: 28 Feb 2024 19:07

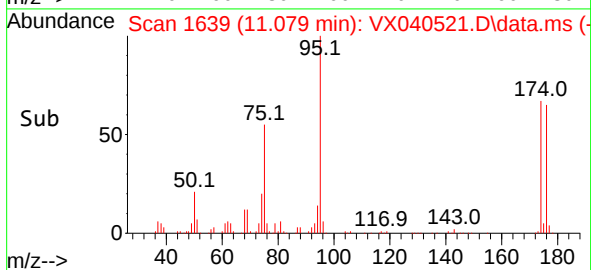
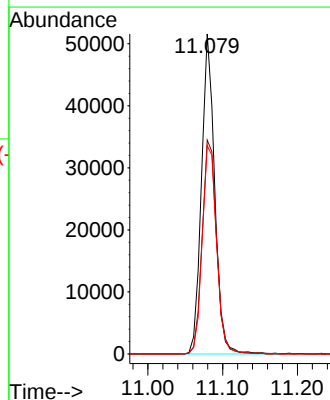
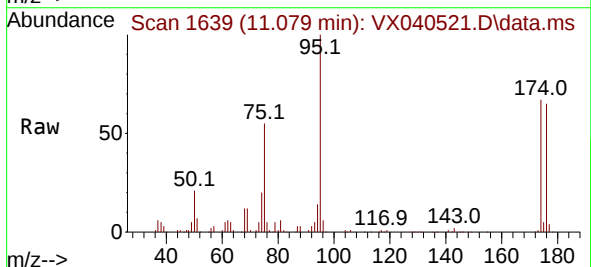
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20240226

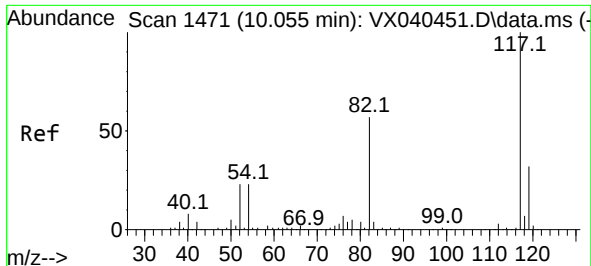
Tgt Ion:	97	Resp:	991
Ion	Ratio	Lower	Upper
97	100		
83	112.7	65.8	98.8#
85	72.0	41.6	62.4#
99	52.8	47.8	71.8



#62
 4-Bromofluorobenzene
 Concen: 51.872 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX040521.D
 Acq: 28 Feb 2024 19:07

Tgt Ion:	95	Resp:	63324
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	135.6
176	70.6	0.0	131.0

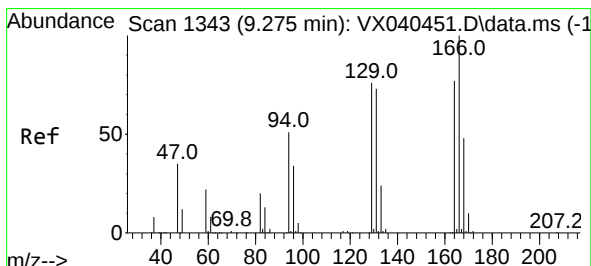
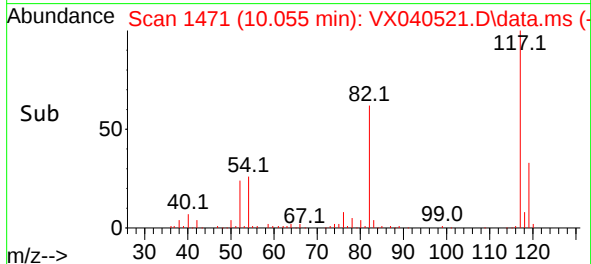
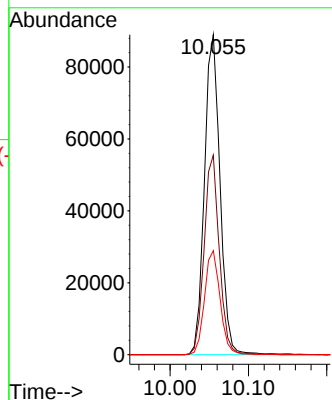
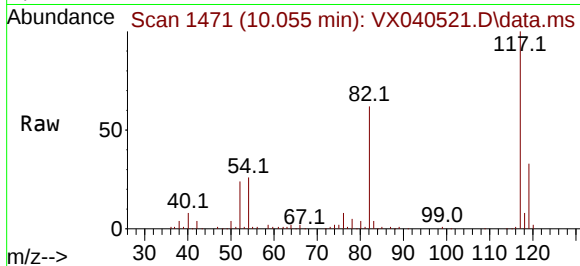




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

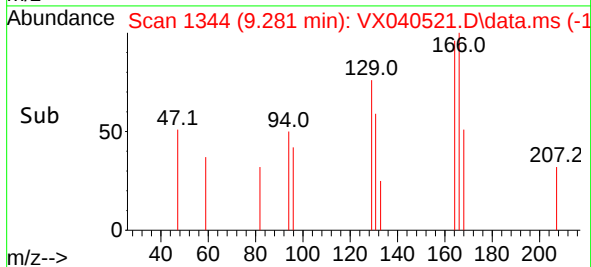
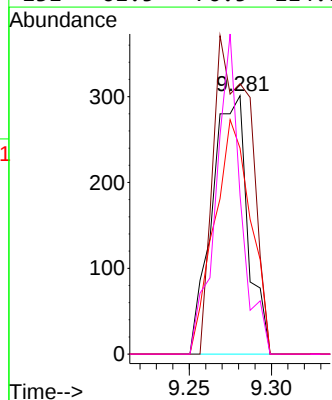
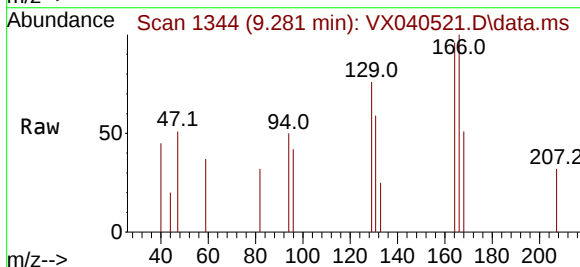
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20240226

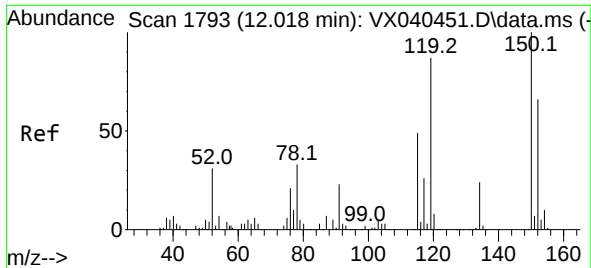
Tgt Ion:117 Resp: 122808
Ion Ratio Lower Upper
117 100
82 62.3 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 0.527 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX040521.D
Acq: 28 Feb 2024 19:07

Tgt Ion:164 Resp: 454
Ion Ratio Lower Upper
164 100
166 104.7 102.7 154.1
129 79.7 80.4 120.6#
131 61.5 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040521.D

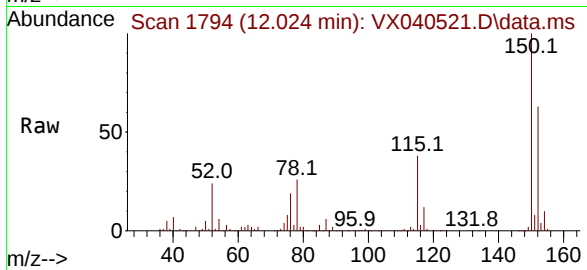
Acq: 28 Feb 2024 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20240226



Tgt Ion:152 Resp: 63778

Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 157.2 0.0 345.0

