

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045384.D
 Acq On : 21 Mar 2025 13:41
 Operator : JC/MD
 Sample : Q1582-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20250313DL

Quant Time: Mar 21 23:14:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

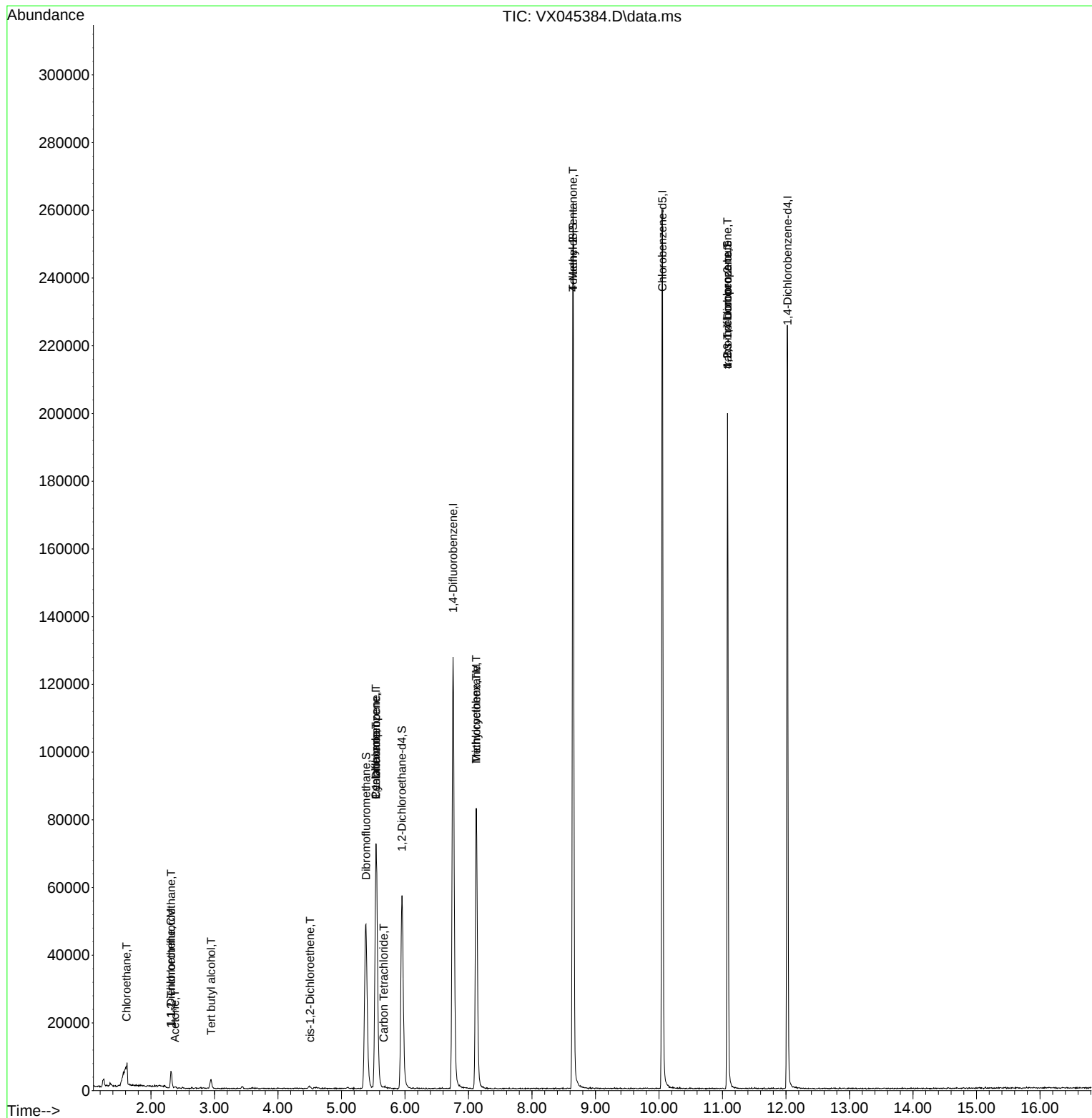
Internal Standards						
1) Pentafluorobenzene	5.544	168	63633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56632	55.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.900%
35) Dibromofluoromethane	5.385	113	43114	52.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.880%
50) Toluene-d8	8.647	98	150492	50.488	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.079	95	50805	51.437	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.880%
Target Compounds						
					Qvalue	
6) Chloroethane	1.618	64	142	0.317	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.319	101	1899	2.568	ug/l	95
11) Tert butyl alcohol	2.947	59	1701	8.872	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	238	0.304	ug/l #	89
16) Acetone	2.380	43	538	1.146	ug/l	91
27) cis-1,2-Dichloroethene	4.507	96	408	0.428	ug/l	83
31) Cyclohexane	5.544	56	1867	1.356	ug/l #	4
36) 1,1-Dichloropropene	5.544	75	5869	5.205	ug/l #	50
38) Carbon Tetrachloride	5.666	117	233	0.204	ug/l #	12
39) Methylcyclohexane	7.123	83	463	0.343	ug/l #	10
44) Trichloroethene	7.123	130	30716	36.740	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	847	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29179	28.594	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29179	97.853	ug/l #	6

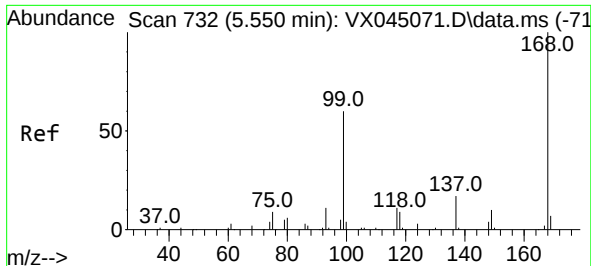
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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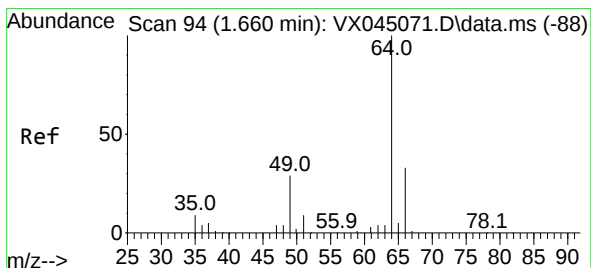
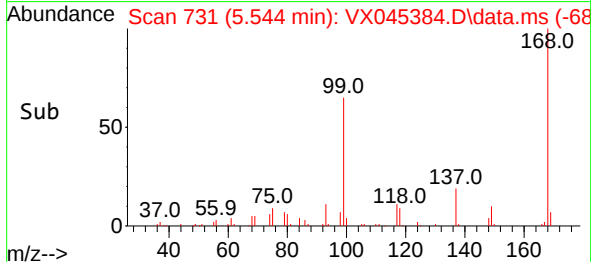
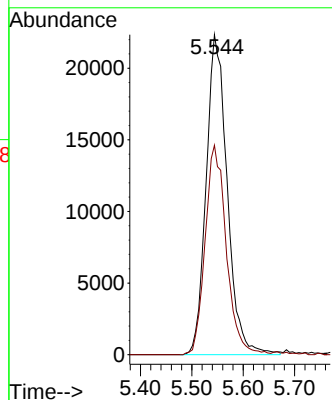
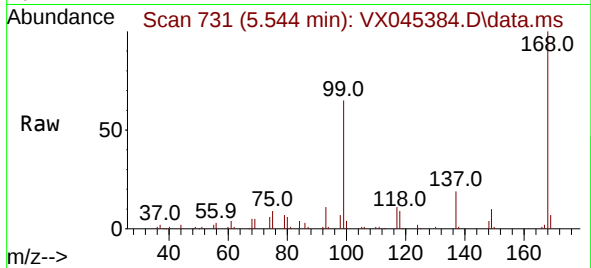




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

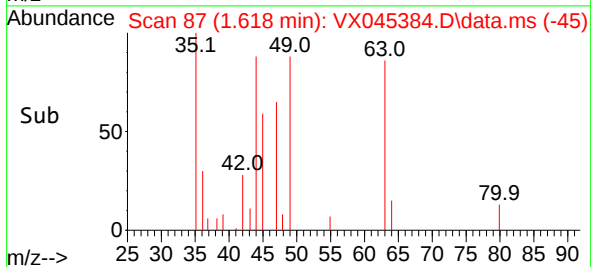
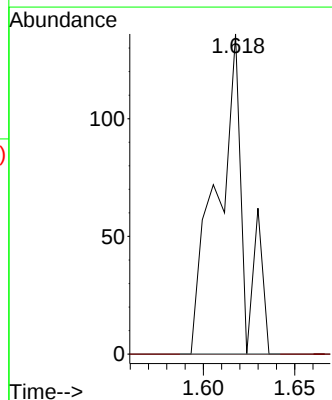
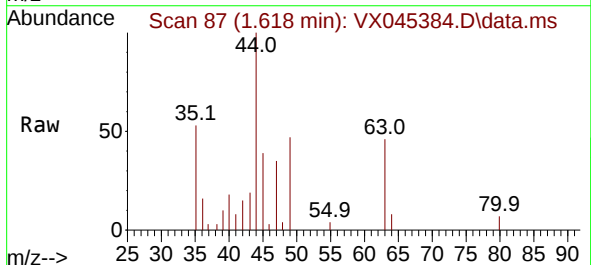
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20250313DL

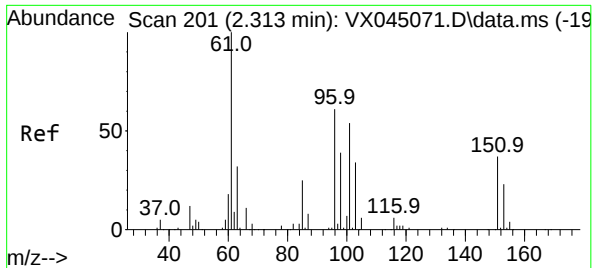
Tgt Ion:168 Resp: 63633
Ion Ratio Lower Upper
168 100
99 65.5 48.2 72.4



#6
Chloroethane
Concen: 0.317 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.043 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#

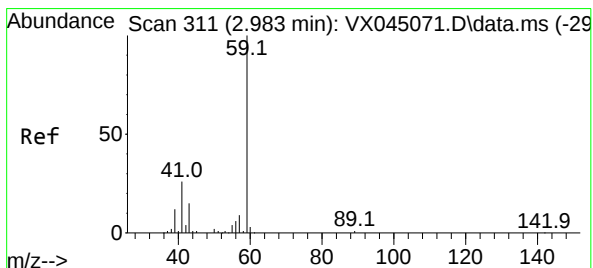
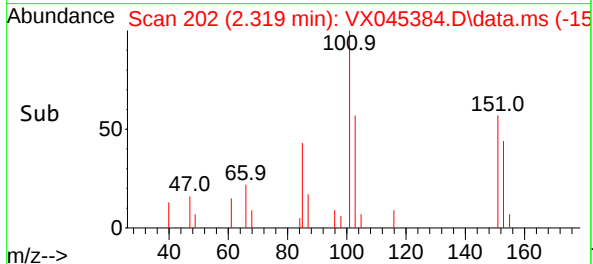
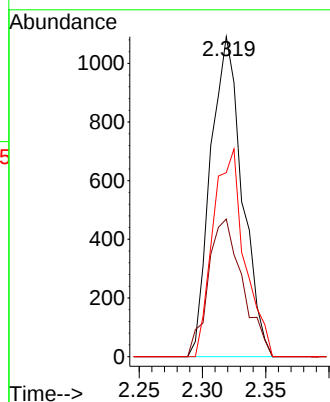
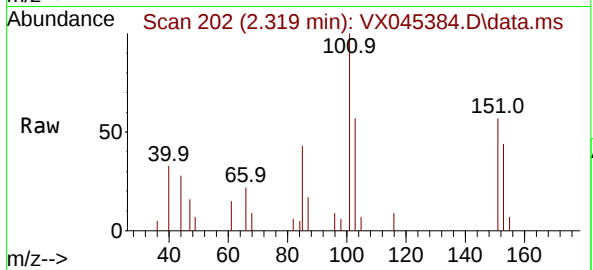




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.568 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

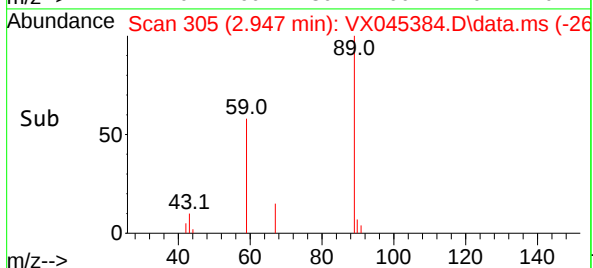
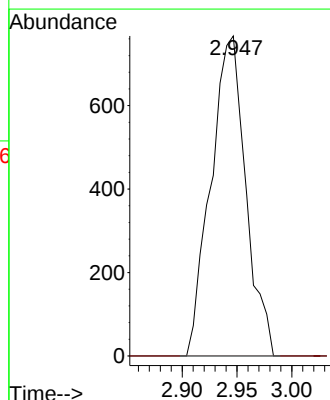
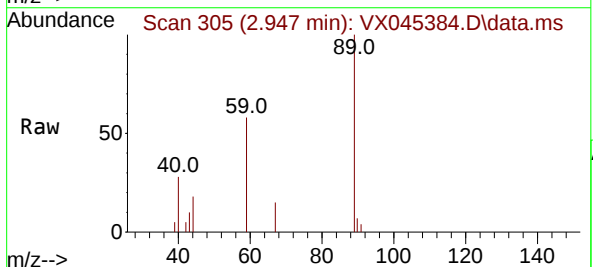
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20250313DL

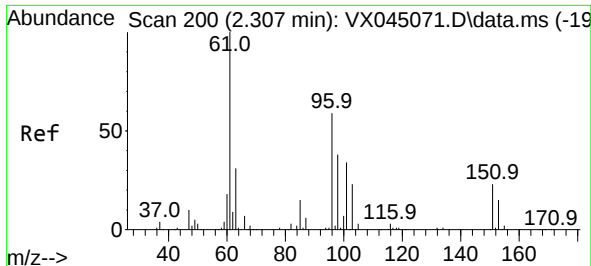
Tgt Ion:101 Resp: 1899
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 64.7 56.4 84.6



#11
Tert butyl alcohol
Concen: 8.872 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion: 59 Resp: 1701
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.304 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045384.D

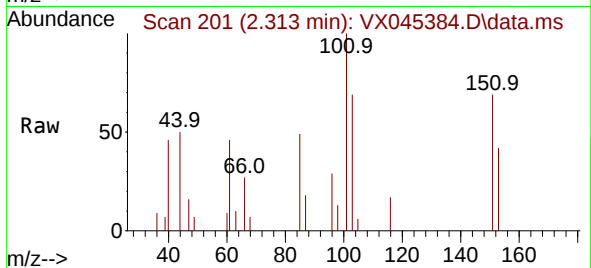
Acq: 21 Mar 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20250313DL



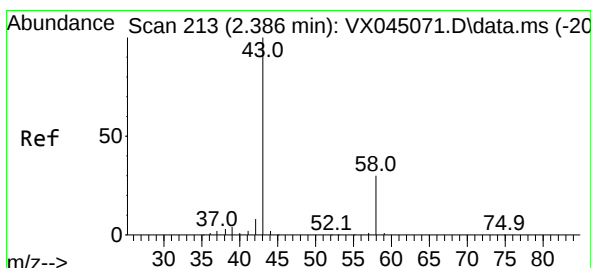
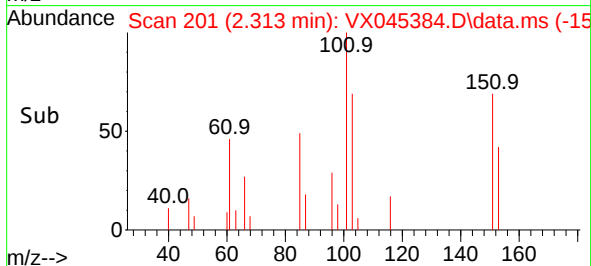
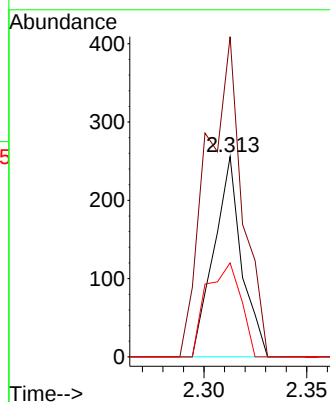
Tgt Ion: 96 Resp: 238

Ion Ratio Lower Upper

96 100

61 159.8 134.6 202.0

98 46.9 51.0 76.6#



#16

Acetone

Concen: 1.146 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045384.D

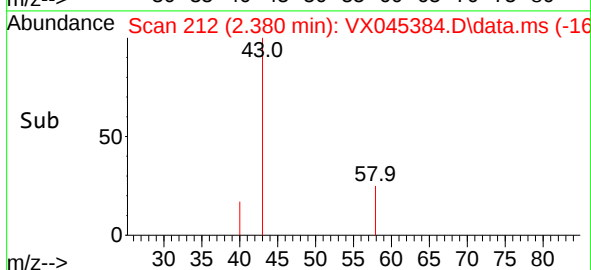
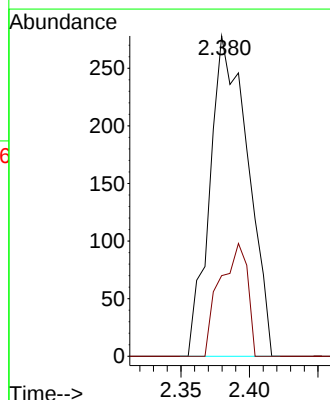
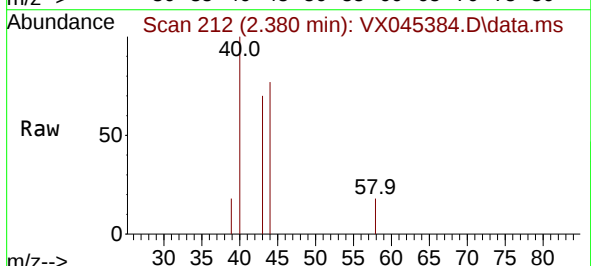
Acq: 21 Mar 2025 13:41

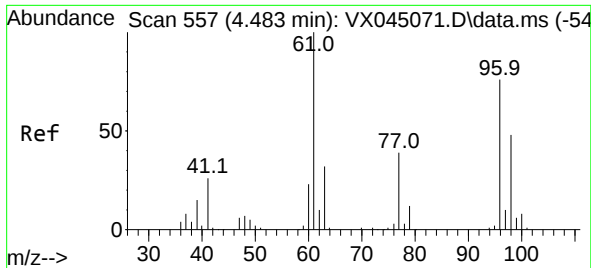
Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

58 25.2 24.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 0.428 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.024 min

Lab File: VX045384.D

Acq: 21 Mar 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20250313DL

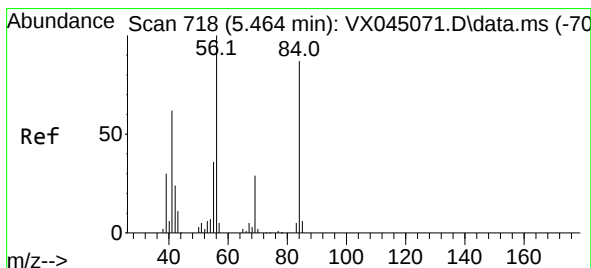
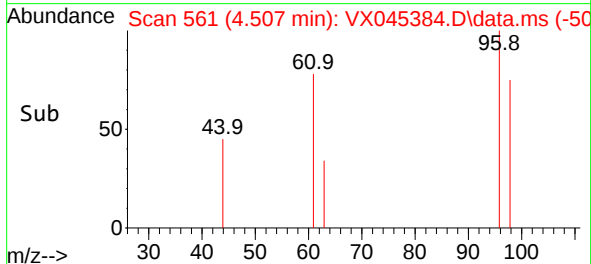
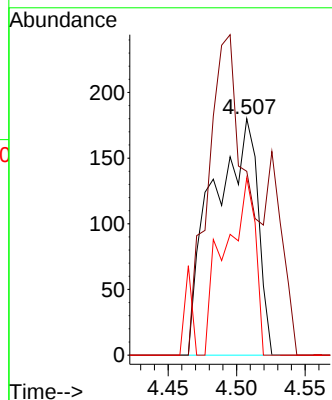
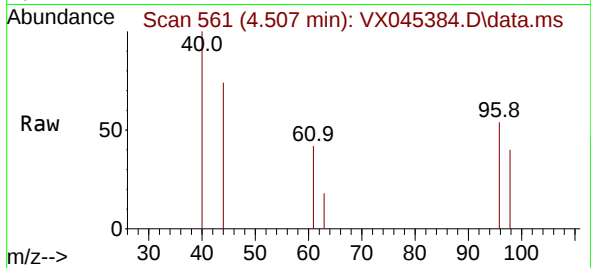
Tgt Ion: 96 Resp: 408

Ion Ratio Lower Upper

96 100

61 119.6 0.0 283.2

98 51.5 0.0 128.0



#31

Cyclohexane

Concen: 1.356 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045384.D

Acq: 21 Mar 2025 13:41

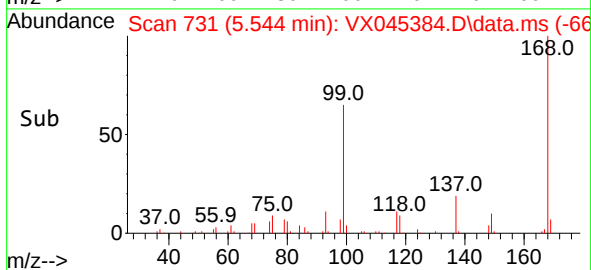
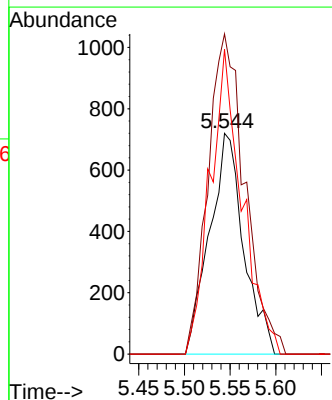
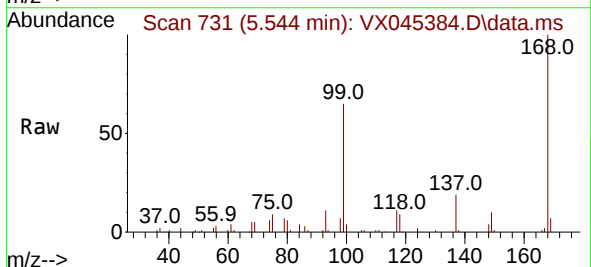
Tgt Ion: 56 Resp: 1867

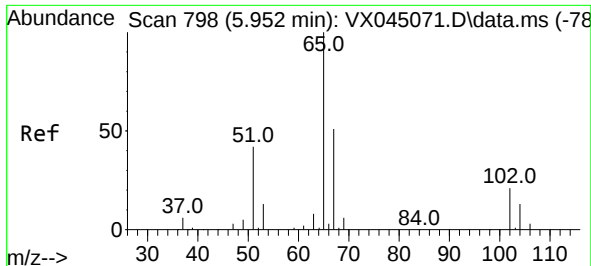
Ion Ratio Lower Upper

56 100

69 145.0 23.4 35.2#

84 138.1 69.4 104.2#

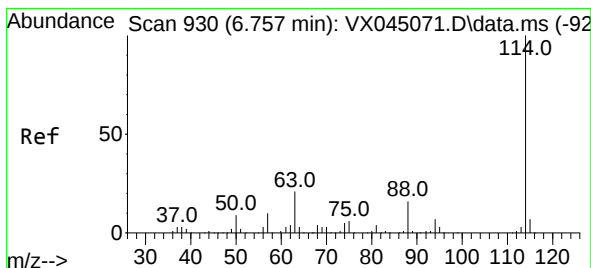
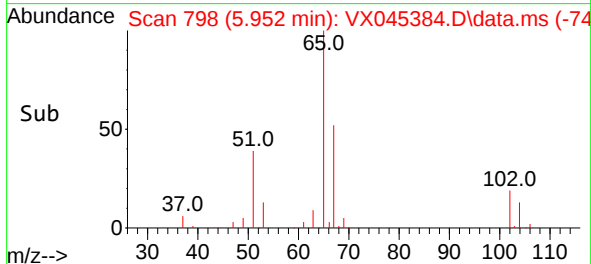
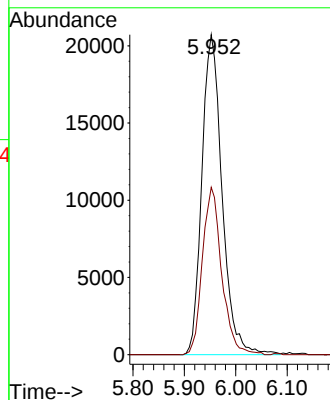
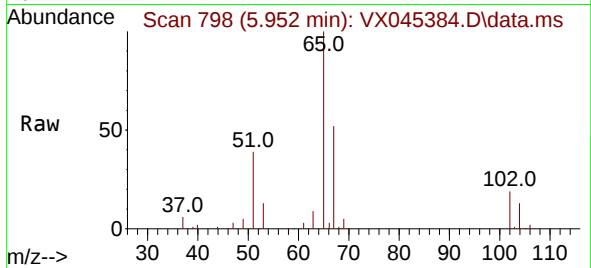




#33
 1,2-Dichloroethane-d4
 Concen: 55.951 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045384.D
 Acq: 21 Mar 2025 13:41

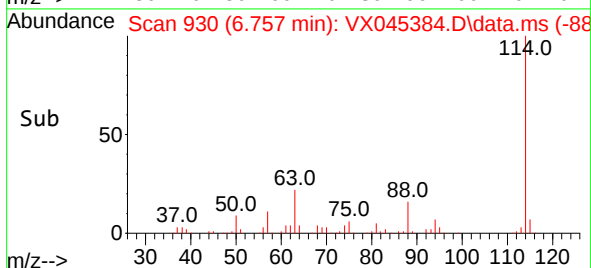
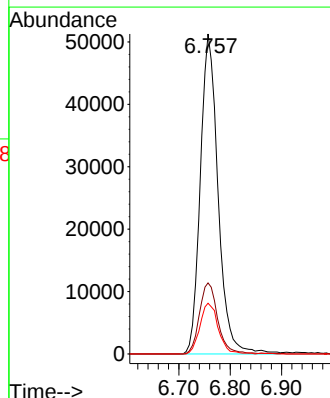
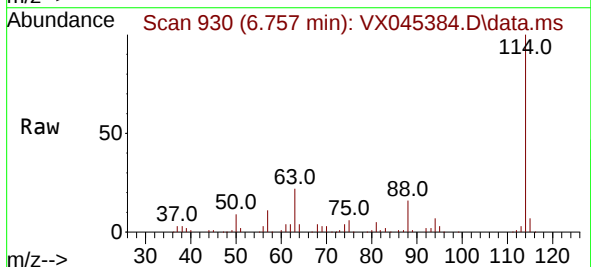
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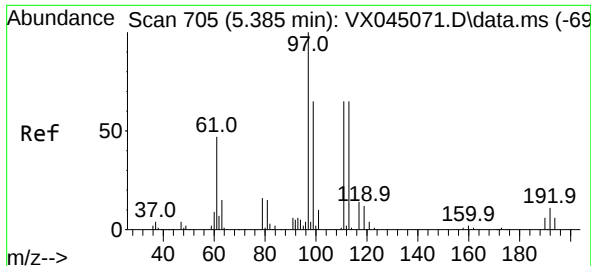
Tgt Ion: 65 Resp: 56632
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045384.D
 Acq: 21 Mar 2025 13:41

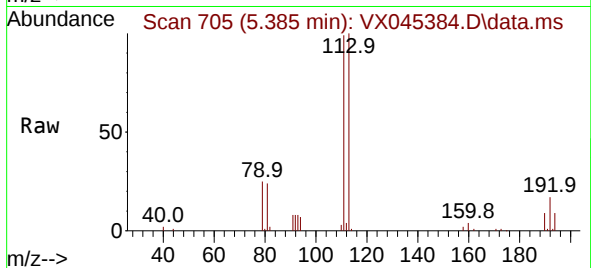
Tgt Ion: 114 Resp: 122958
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 15.9 0.0 32.8



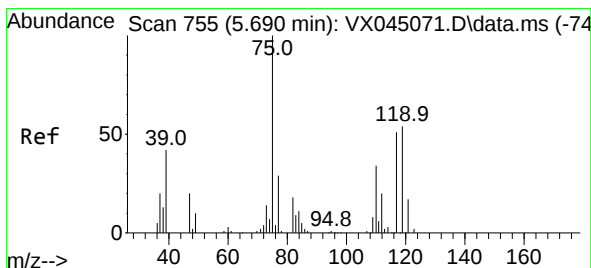
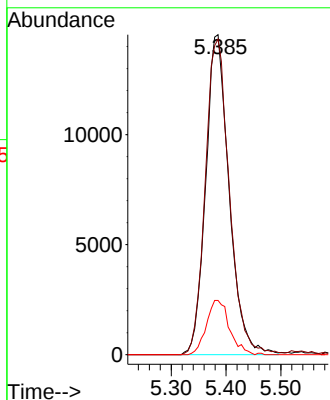
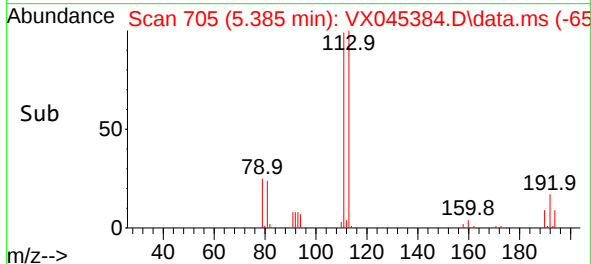


#35
Dibromofluoromethane
Concen: 52.438 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20250313DL

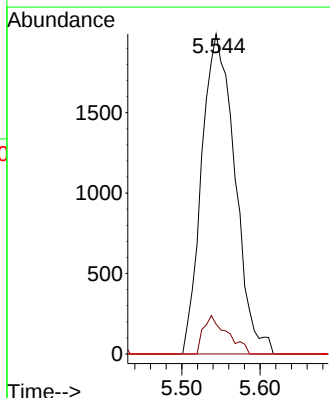
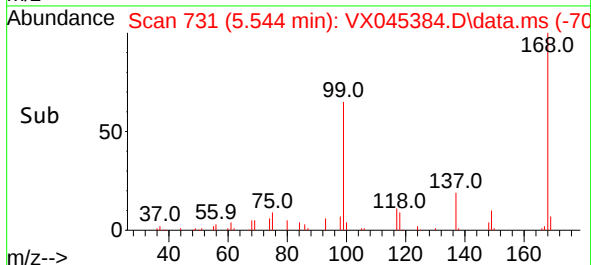
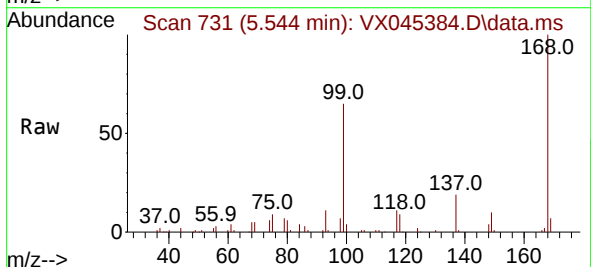


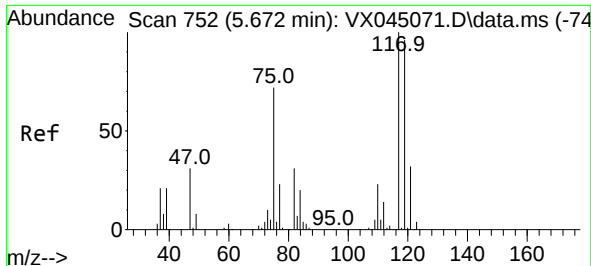
Tgt Ion:113 Resp: 43114
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 16.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.205 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion: 75 Resp: 5869
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.6#
77 0.0 24.5 36.7#

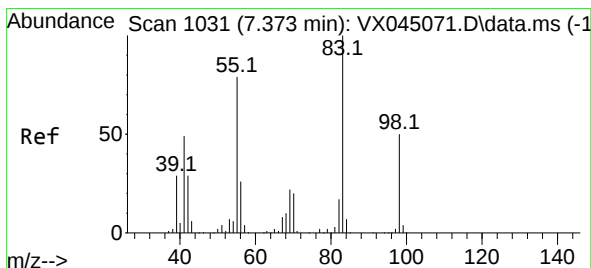
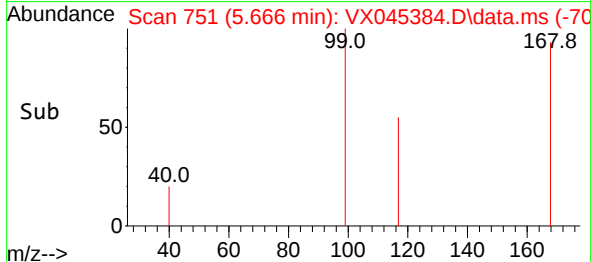
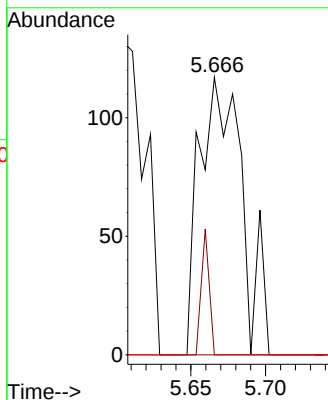
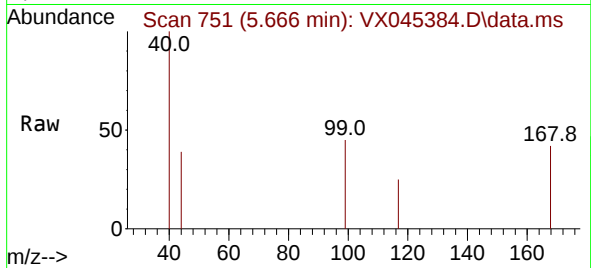




#38
Carbon Tetrachloride
Concen: 0.204 ug/l
RT: 5.666 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

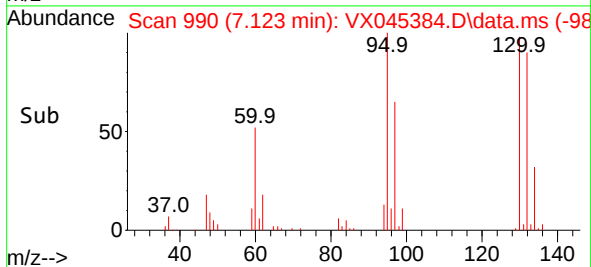
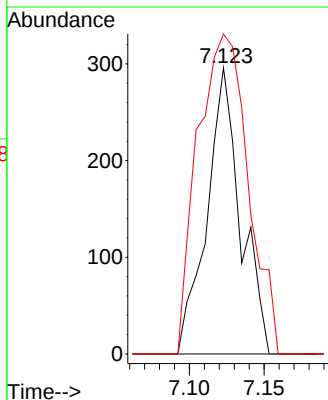
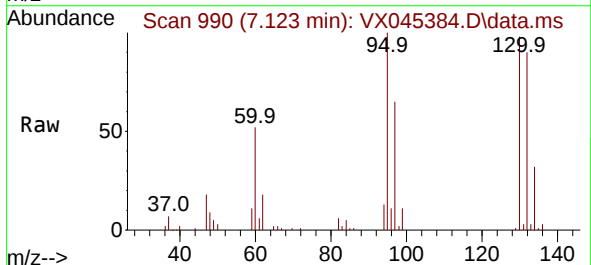
Instrument :
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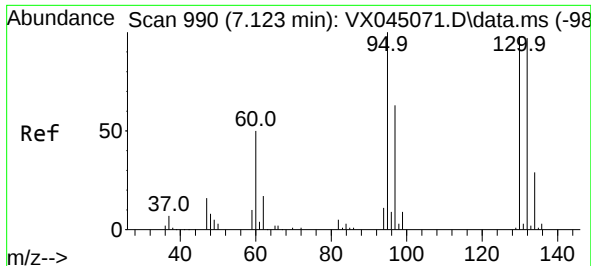
Tgt Ion:117 Resp: 233
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 0.343 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion: 83 Resp: 463
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 111.8 39.7 59.5#

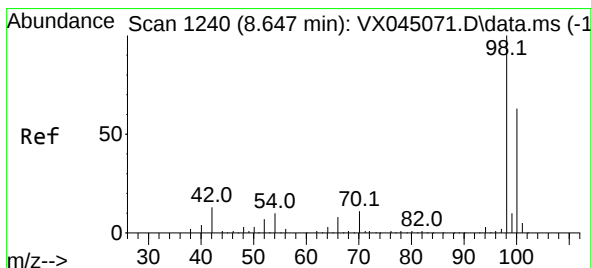
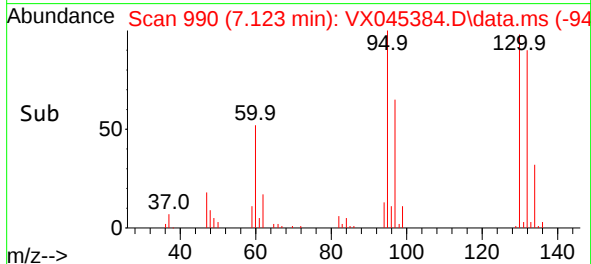
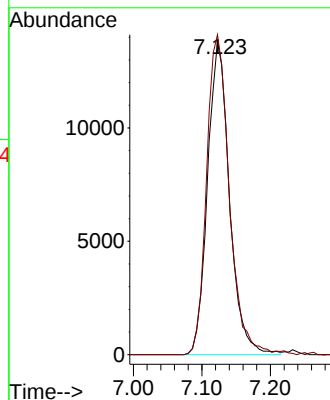
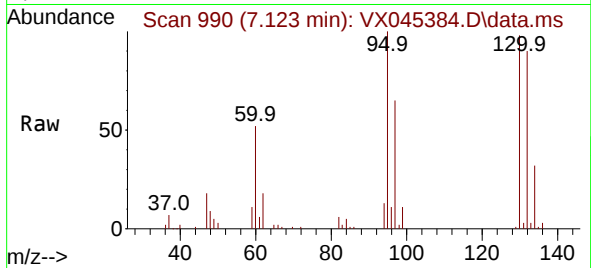




#44
Trichloroethene
Concen: 36.740 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

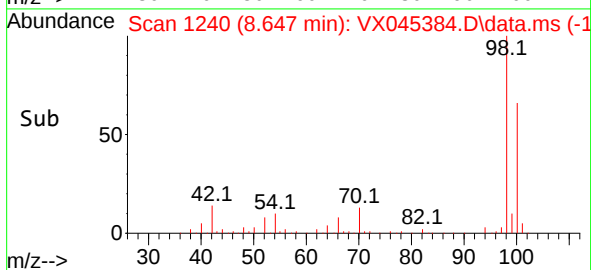
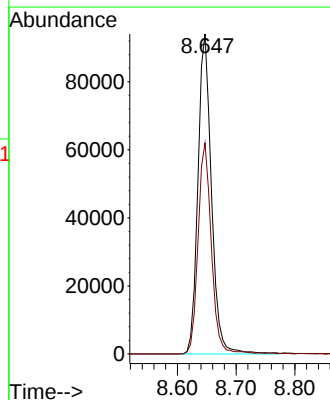
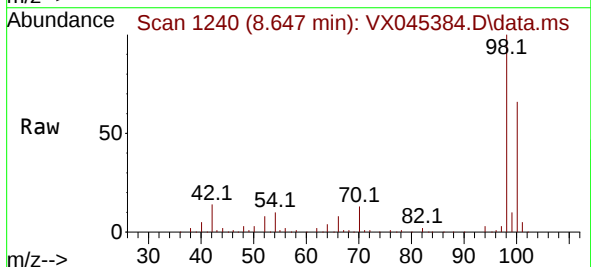
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20250313DL

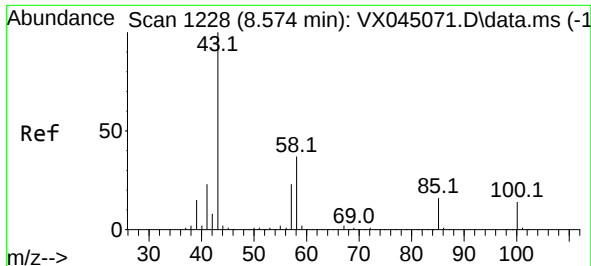
Tgt Ion:130 Resp: 30716
Ion Ratio Lower Upper
130 100
95 102.2 0.0 205.0



#50
Toluene-d8
Concen: 50.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion: 98 Resp: 150492
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

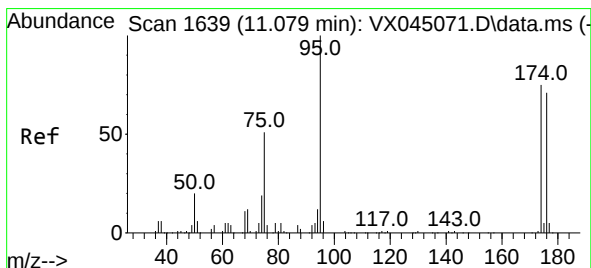
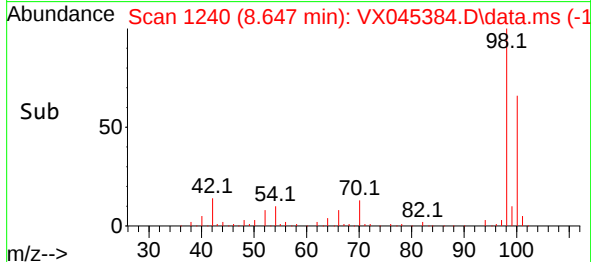
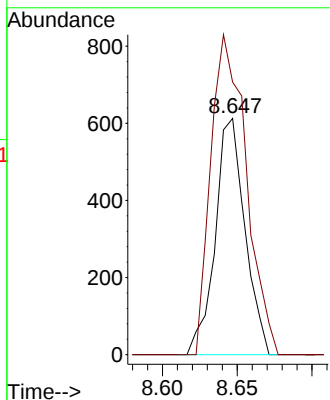
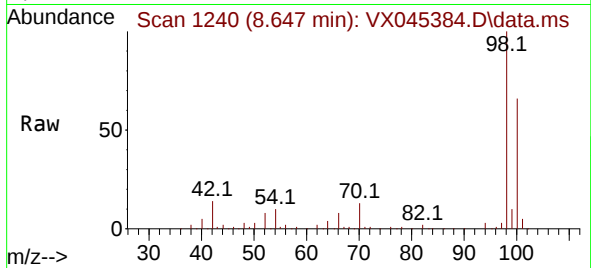




#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

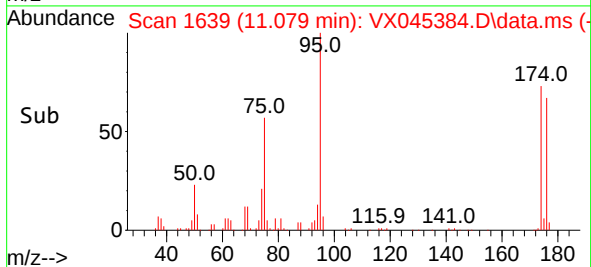
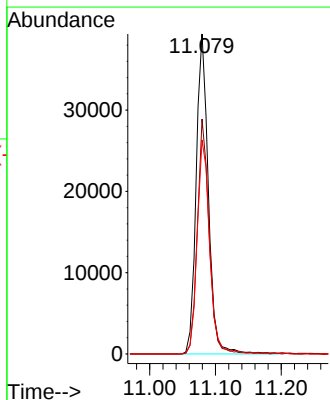
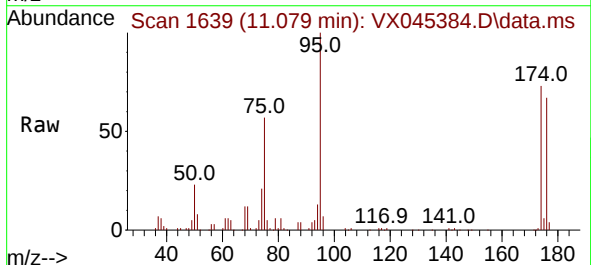
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20250313DL

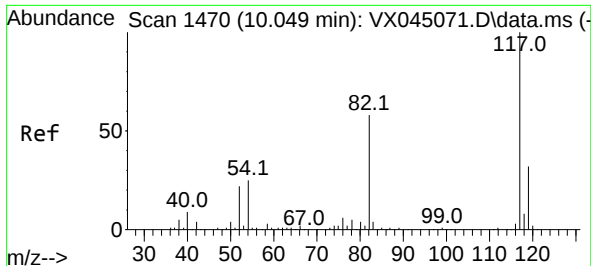
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 161.3 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion: 95 Resp: 50805
Ion Ratio Lower Upper
95 100
174 71.3 0.0 148.2
176 68.0 0.0 141.4

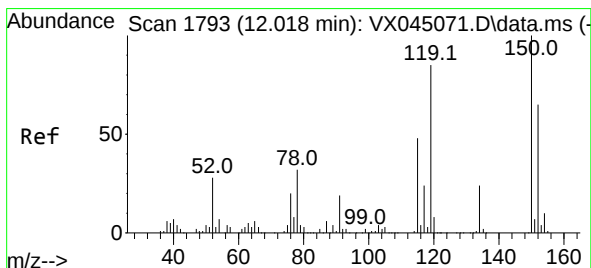
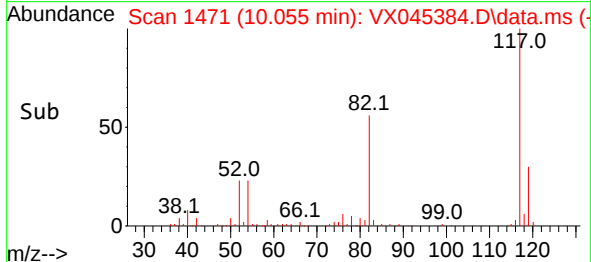
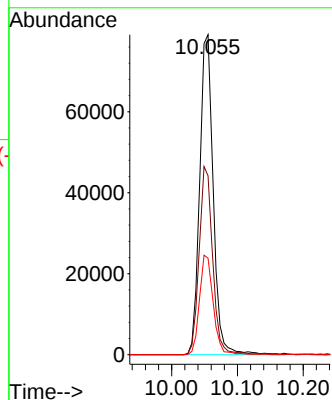
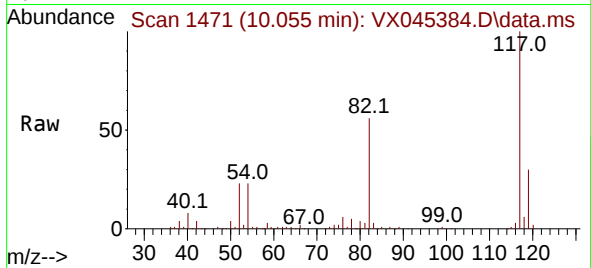




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

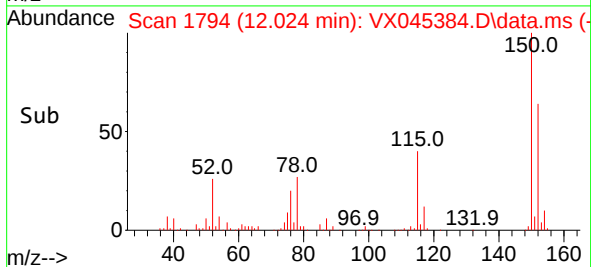
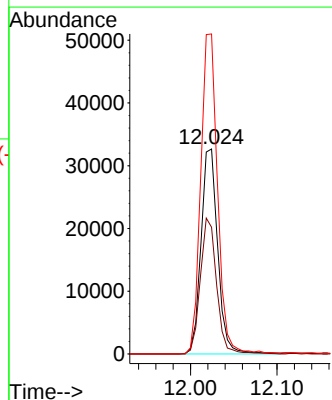
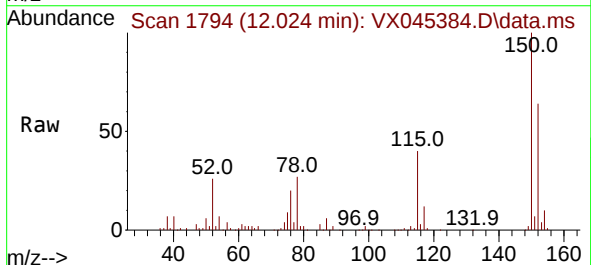
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20250313DL

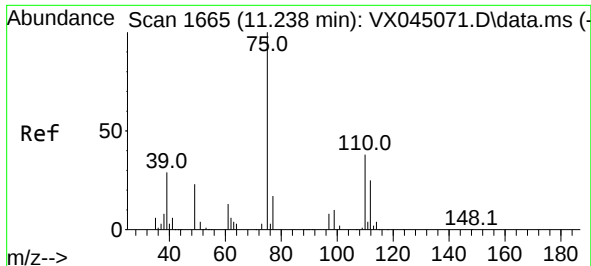
Tgt Ion:117 Resp: 113115
Ion Ratio Lower Upper
117 100
82 55.9 46.3 69.5
119 30.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion:152 Resp: 43844
Ion Ratio Lower Upper
152 100
115 64.5 44.2 132.6
150 157.2 0.0 349.0

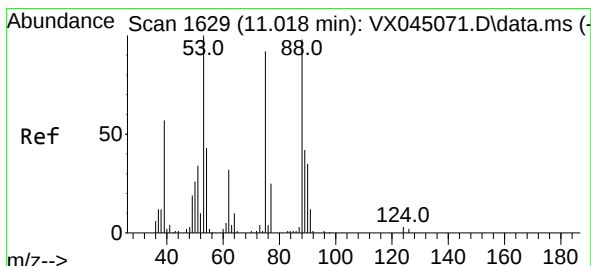
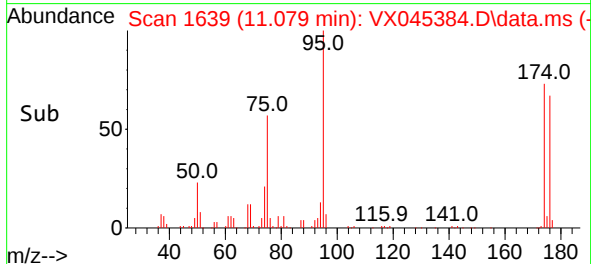
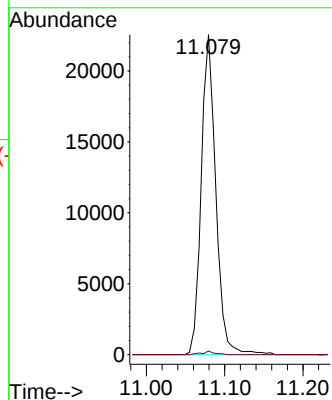
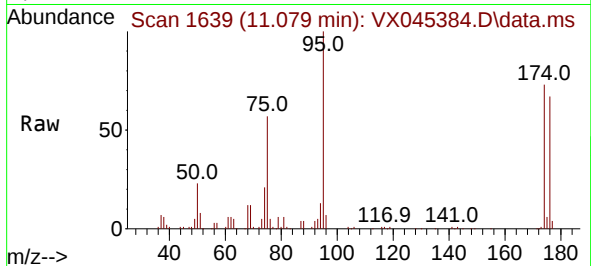




#76
1,2,3-Trichloropropane
Concen: 28.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20250313DL

Tgt Ion: 75 Resp: 29179
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045384.D
Acq: 21 Mar 2025 13:41

Tgt Ion: 75 Resp: 29179
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

