

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042107.D
 Acq On : 01 Jul 2024 12:25
 Operator : JC/MD
 Sample : P3127-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-EB-20240625RE

Quant Time: Jul 01 16:06:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

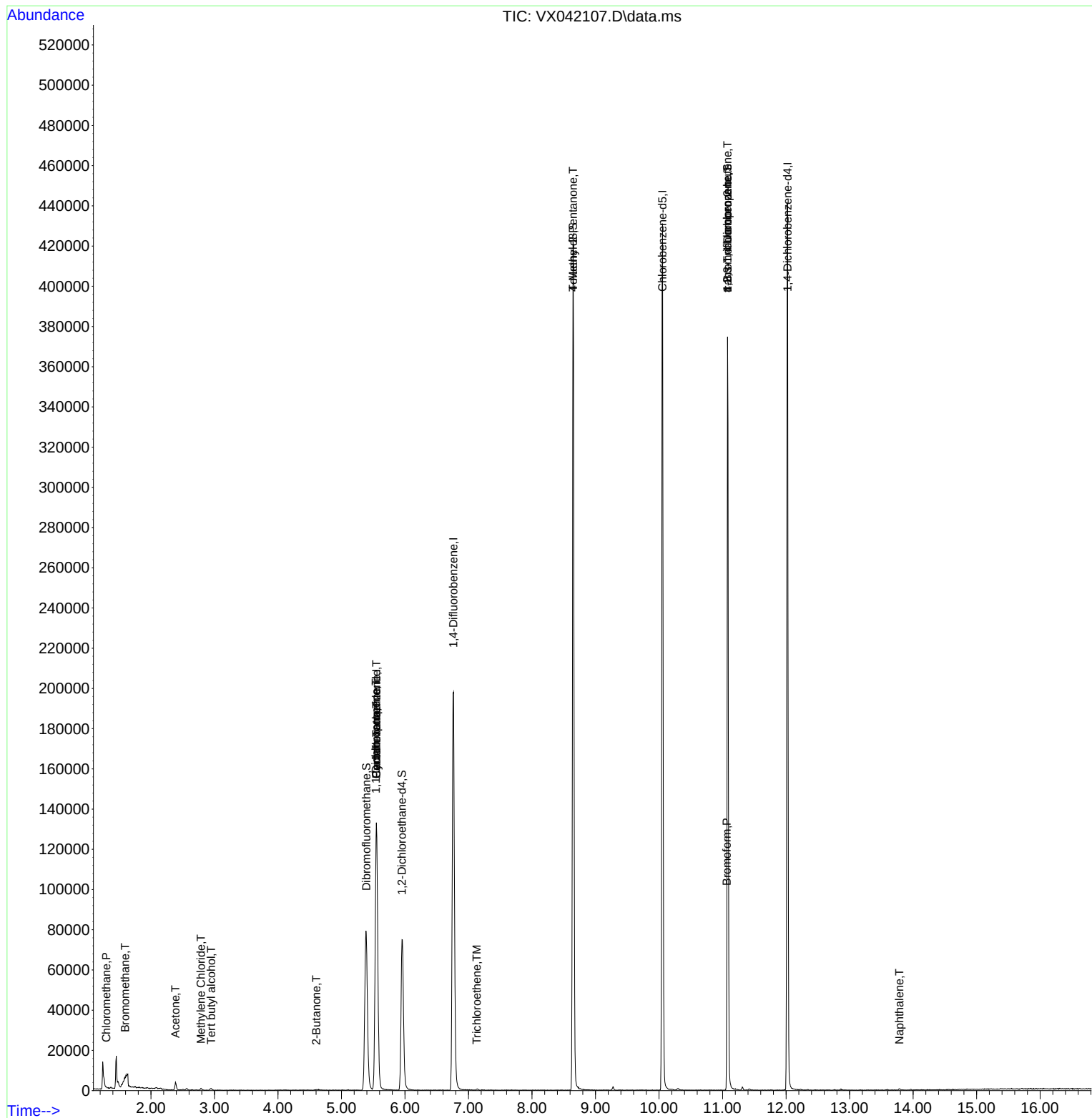
Internal Standards						
1) Pentafluorobenzene	5.550	168	148402	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	227157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73711	43.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.140%
35) Dibromofluoromethane	5.391	113	72164	44.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	8.647	98	264806	46.766	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.540%
62) 4-Bromofluorobenzene	11.079	95	98483	47.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	446	0.314	ug/l	# 83
5) Bromomethane	1.593	94	239	0.340	ug/l	# 69
6) Chloroethane	1.648	64	120	Below Cal		# 43
11) Tert butyl alcohol	2.946	59	538	1.657	ug/l	# 78
16) Acetone	2.386	43	4227	5.625	ug/l	90
20) Methylene Chloride	2.788	84	492	0.299	ug/l	# 74
25) 2-Butanone	4.605	43	386	0.330	ug/l	# 51
31) Cyclohexane	5.550	56	2036	1.017	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8209	4.796	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12429	6.572	ug/l	# 16
44) Trichloroethene	7.129	130	325	0.210	ug/l	45
51) 4-Methyl-2-Pentanone	8.647	43	932	0.395	ug/l	# 1
71) Bromoform	11.067	173	86	0.932	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	44501	22.063	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44501	62.657	ug/l	# 5
95) Naphthalene	13.786	128	782	0.845	ug/l	# 86

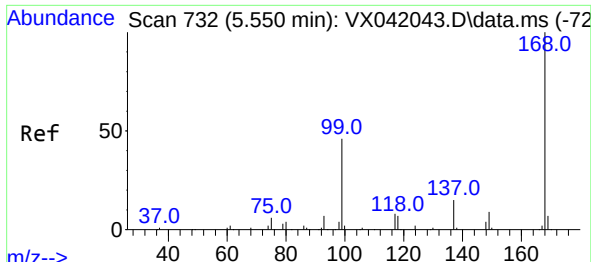
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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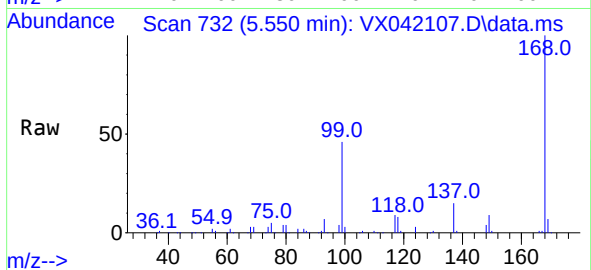
Quant Time: Jul 01 16:06:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



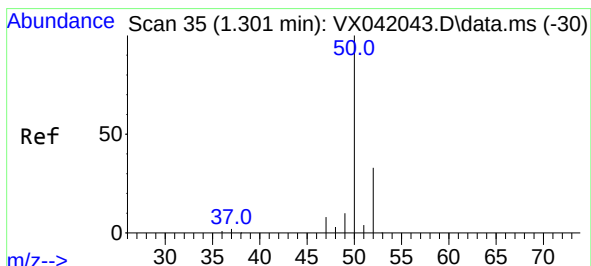
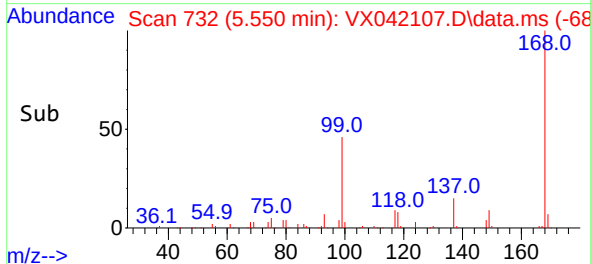
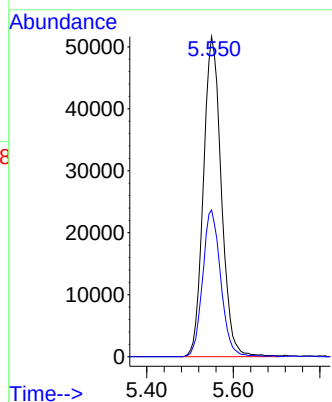


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Instrument : MSVOA_X
ClientSampleId : BP-VPB-196-EB-20240625RE

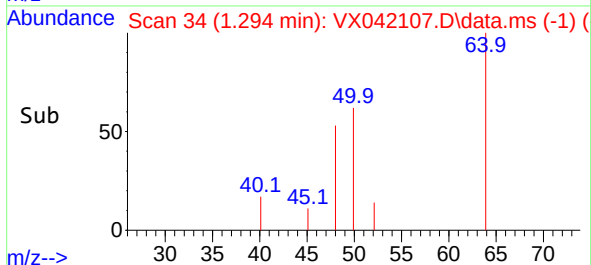
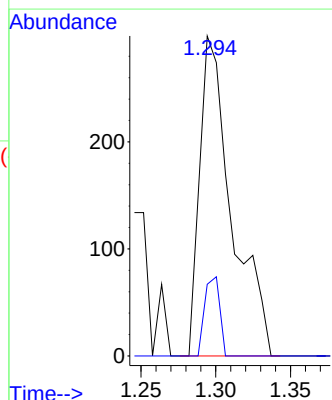
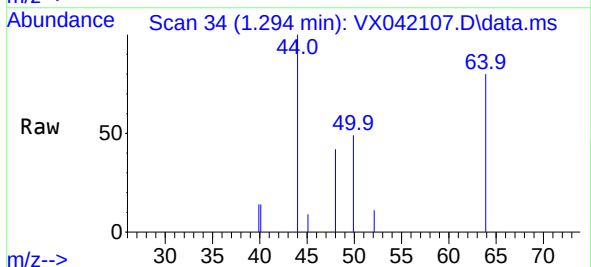


Tgt Ion:168 Resp: 148402
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0#

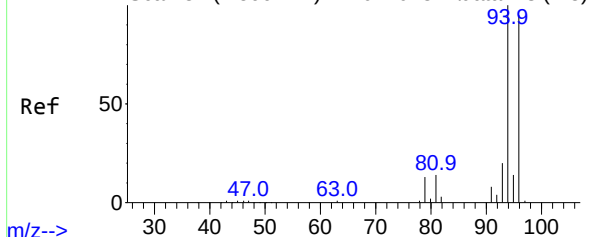


#3
Chloromethane
Concen: 0.314 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion: 50 Resp: 446
Ion Ratio Lower Upper
50 100
52 22.4 25.5 38.3#



Abundance Scan 84 (1.599 min): VX042043.D\data.ms (-78)



#5

Bromomethane

Concen: 0.340 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX042107.D

Acq: 01 Jul 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240625RE

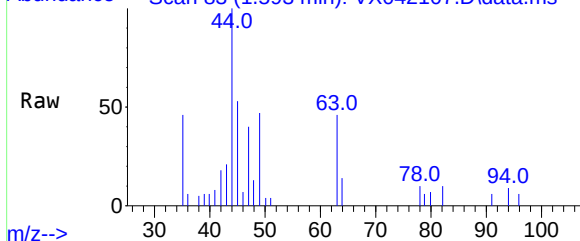
Tgt Ion: 94 Resp: 239

Ion Ratio Lower Upper

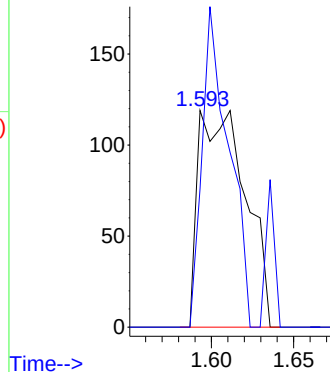
94 100

96 63.9 74.6 111.8#

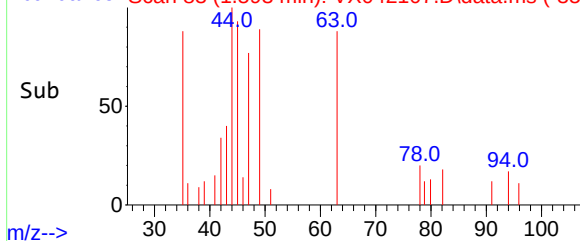
Abundance Scan 83 (1.593 min): VX042107.D\data.ms



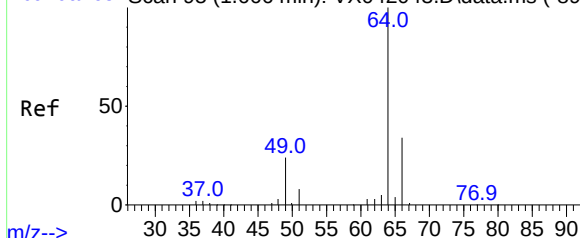
Abundance



Abundance Scan 83 (1.593 min): VX042107.D\data.ms (-35)



Abundance Scan 95 (1.666 min): VX042043.D\data.ms (-89)



#6

Chloroethane

Concen: Below Cal

RT: 1.648 min Scan# 92

Delta R.T. -0.012 min

Lab File: VX042107.D

Acq: 01 Jul 2024 12:25

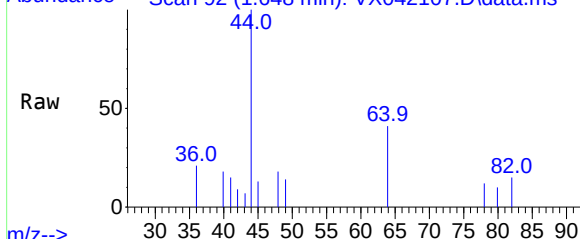
Tgt Ion: 64 Resp: 120

Ion Ratio Lower Upper

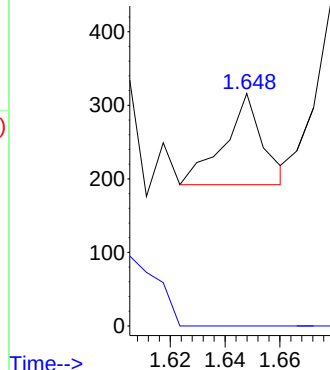
64 100

66 0.0 25.1 37.7#

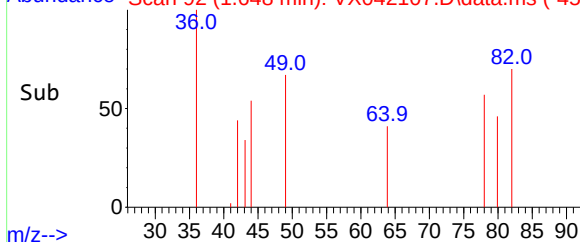
Abundance Scan 92 (1.648 min): VX042107.D\data.ms

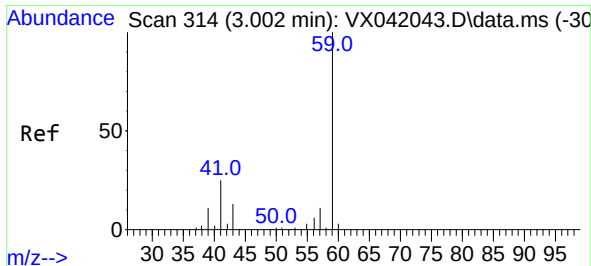


Abundance



Abundance Scan 92 (1.648 min): VX042107.D\data.ms (-45)





#11

Tert butyl alcohol

Concen: 1.657 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX042107.D

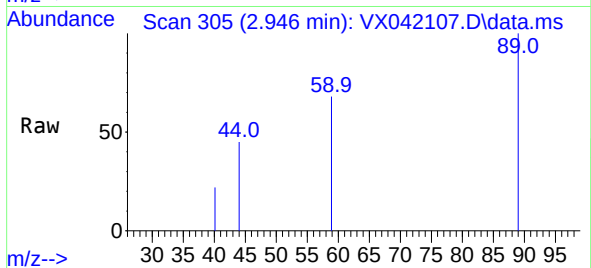
Acq: 01 Jul 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240625RE

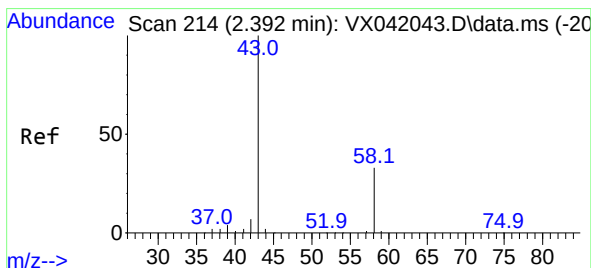
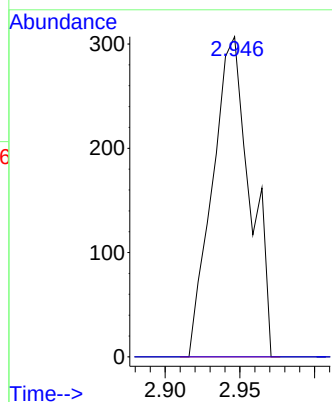


Tgt Ion: 59 Resp: 538

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 5.625 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042107.D

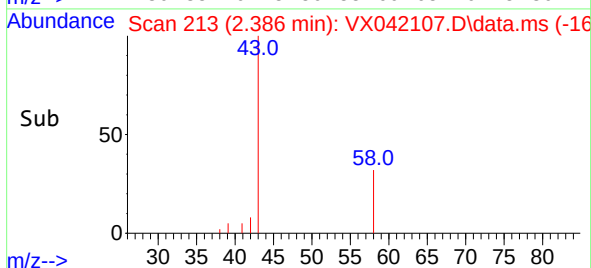
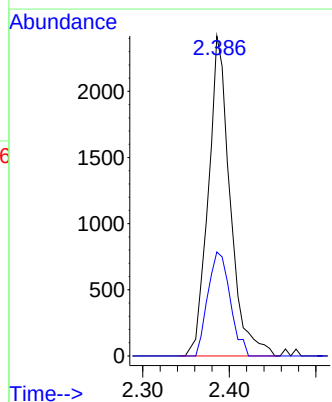
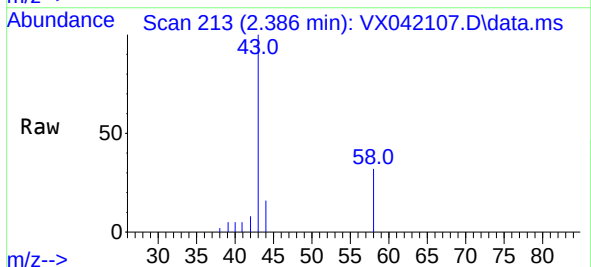
Acq: 01 Jul 2024 12:25

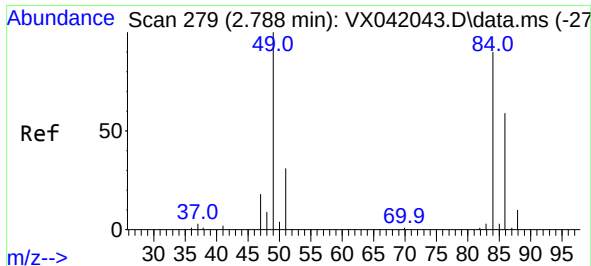
Tgt Ion: 43 Resp: 4227

Ion Ratio Lower Upper

43 100

58 32.5 21.9 32.9

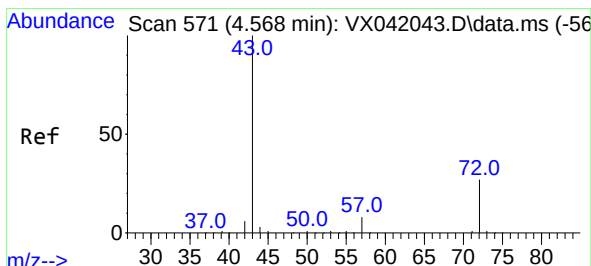
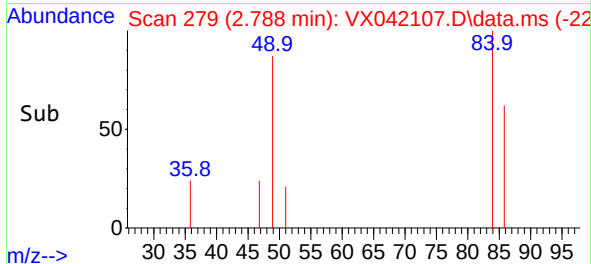
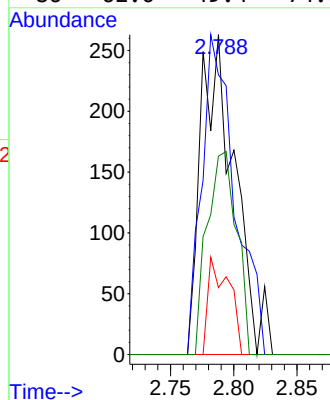
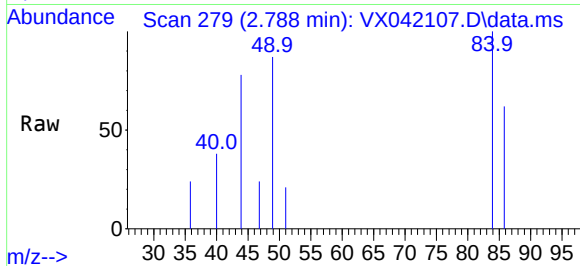




#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

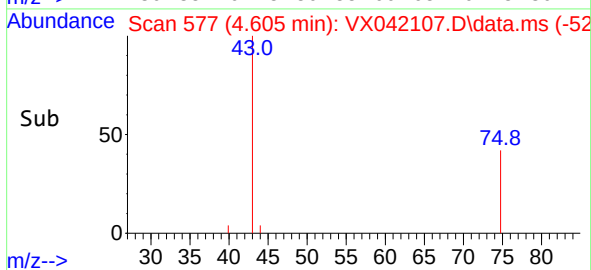
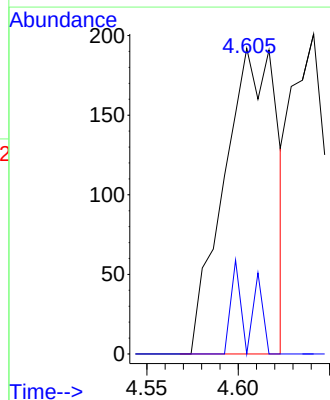
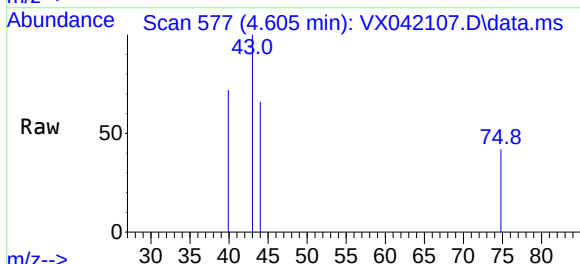
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625RE

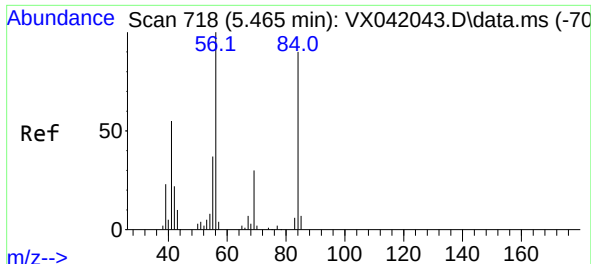
Tgt Ion: 84 Resp: 492
Ion Ratio Lower Upper
84 100
49 87.5 103.6 155.4#
51 20.9 33.8 50.6#
86 62.0 49.4 74.0



#25
2-Butanone
Concen: 0.330 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.030 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

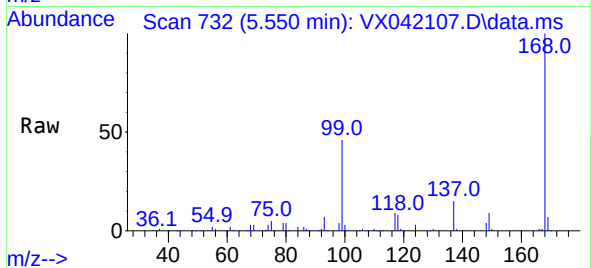
Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



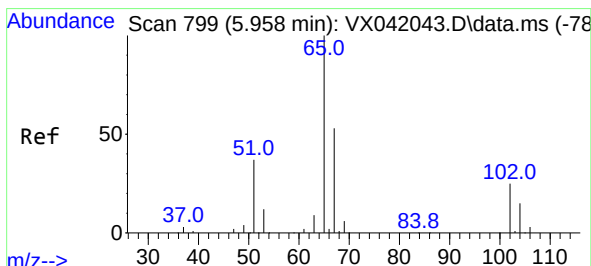
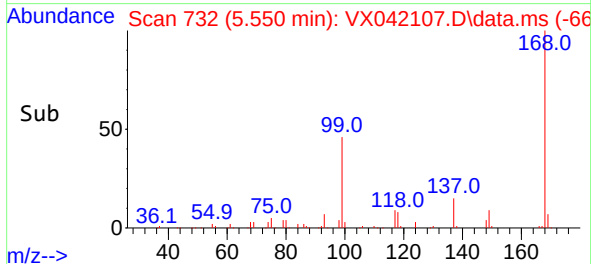
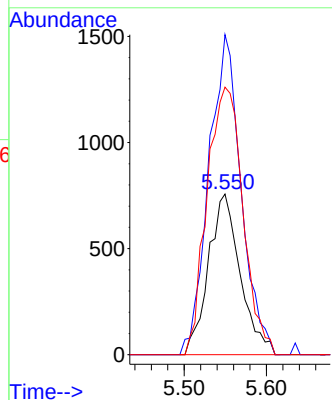


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625RE

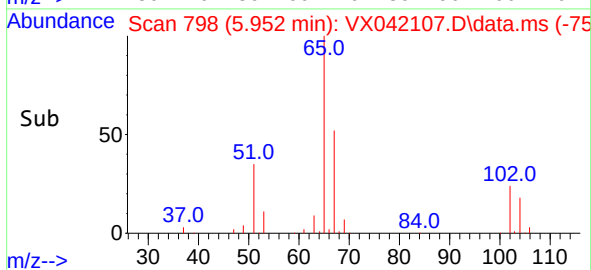
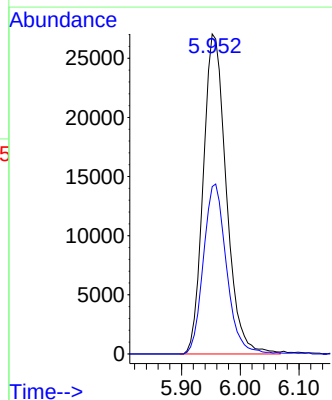
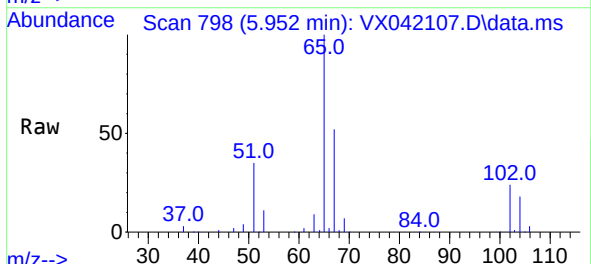


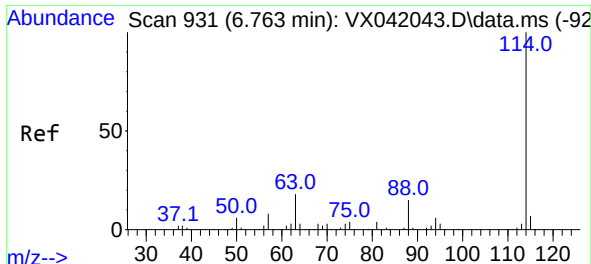
Tgt Ion: 56 Resp: 2036
Ion Ratio Lower Upper
56 100
69 199.2 23.4 35.2#
84 166.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.074 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion: 65 Resp: 73711
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

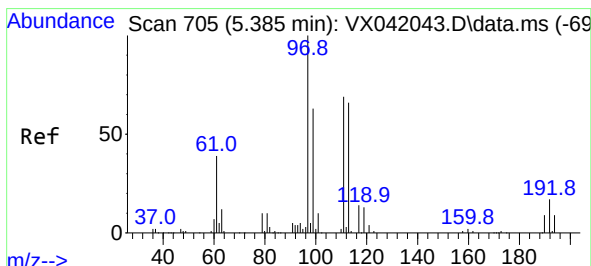
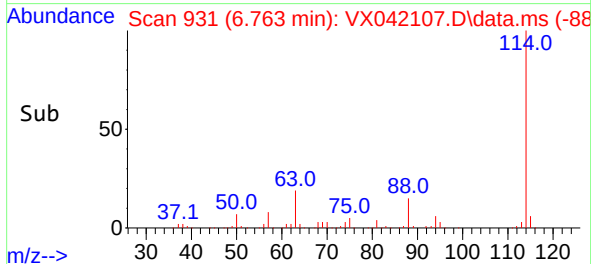
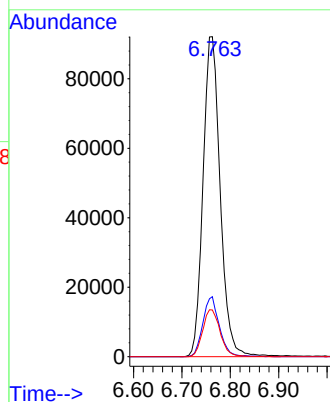
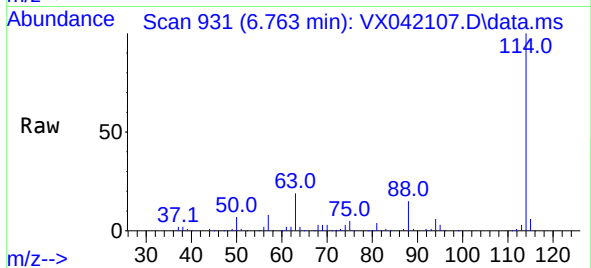




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

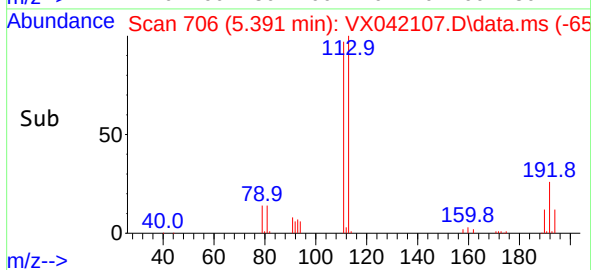
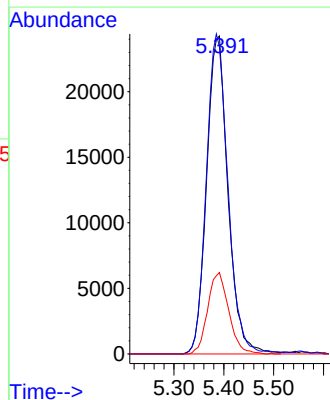
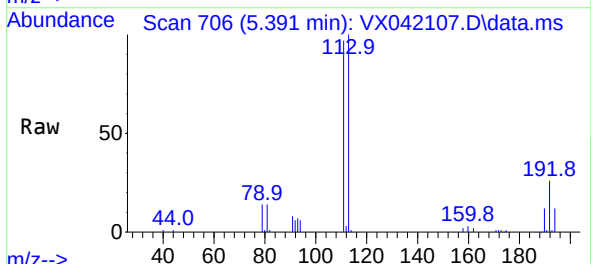
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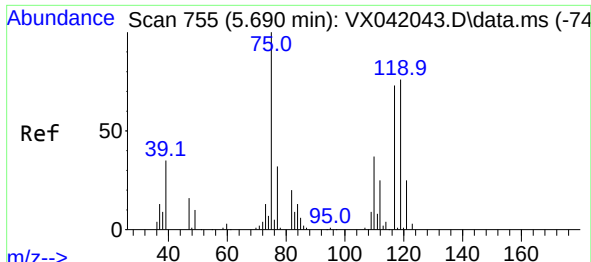
Tgt Ion:114 Resp: 227157
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.772 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion:113 Resp: 72164
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 25.2 13.3 19.9#

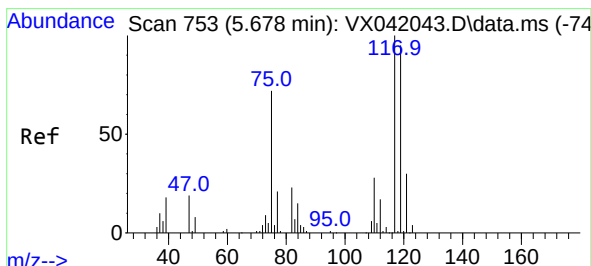
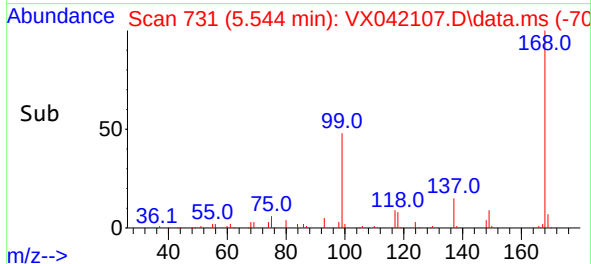
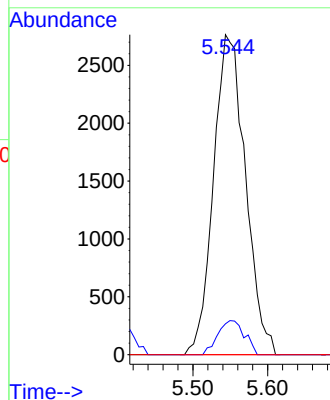
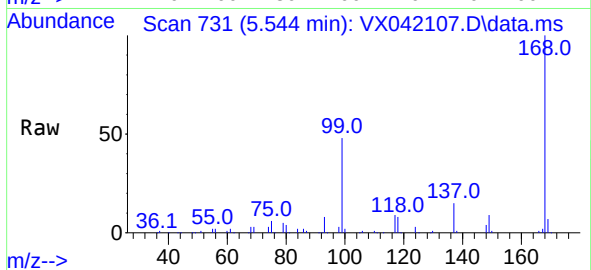




#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

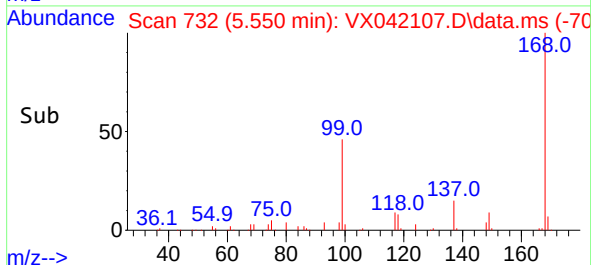
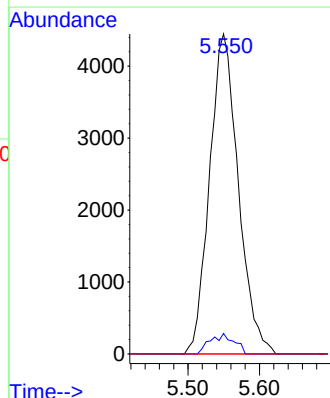
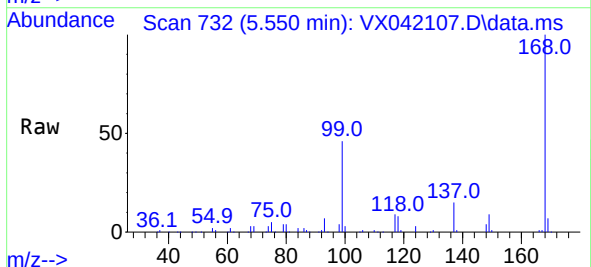
Instrument :
MSVOA_X
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BP-VPB-196-EB-20240625RE

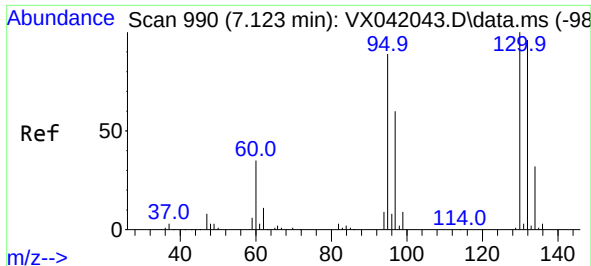
Tgt Ion: 75 Resp: 8209
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion: 117 Resp: 12429
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#

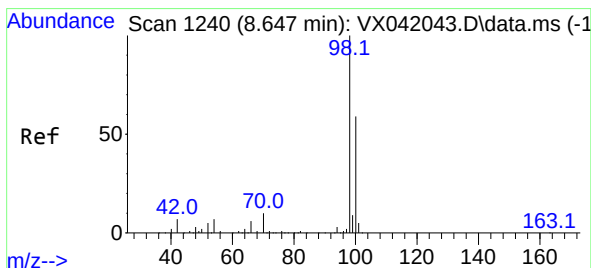
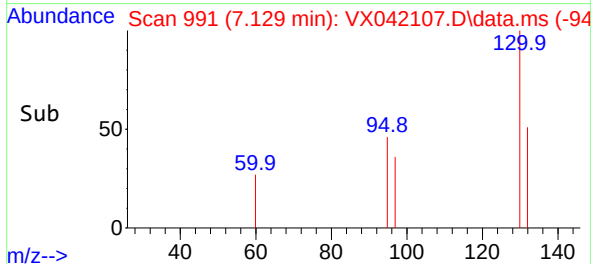
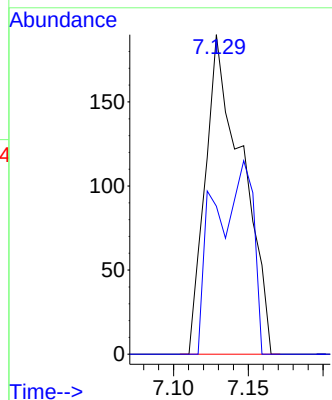
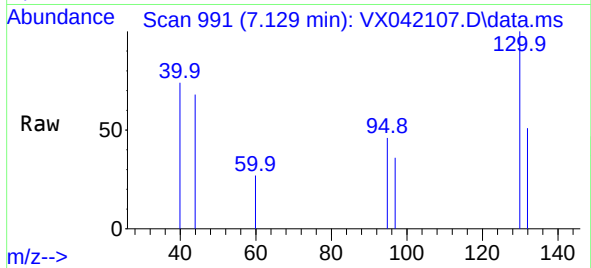




#44
Trichloroethene
Concen: 0.210 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

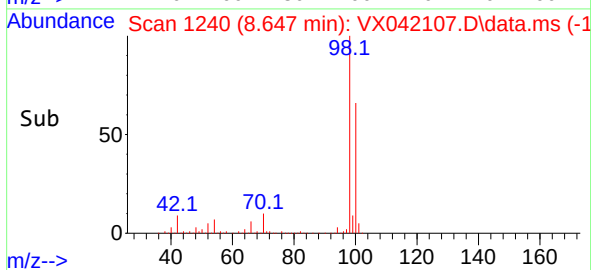
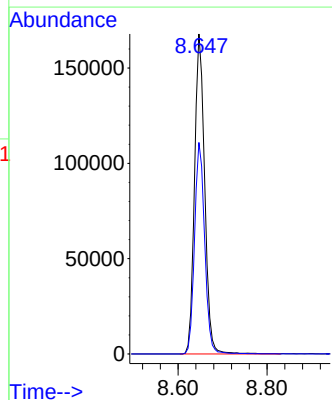
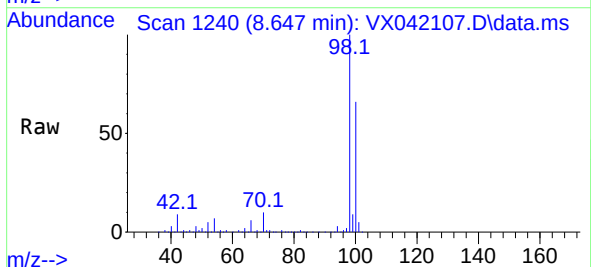
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625RE

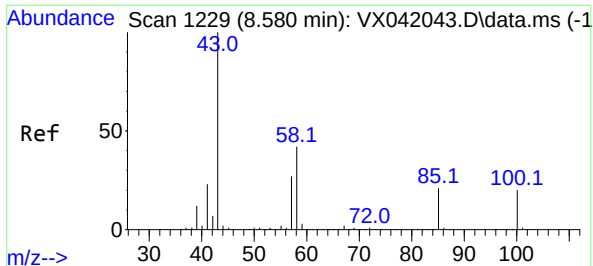
Tgt Ion:130 Resp: 325
Ion Ratio Lower Upper
130 100
95 46.3 0.0 204.4



#50
Toluene-d8
Concen: 46.766 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion: 98 Resp: 264806
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

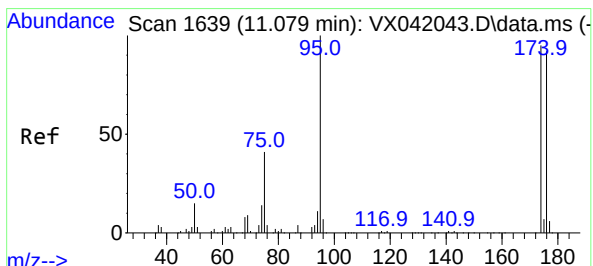
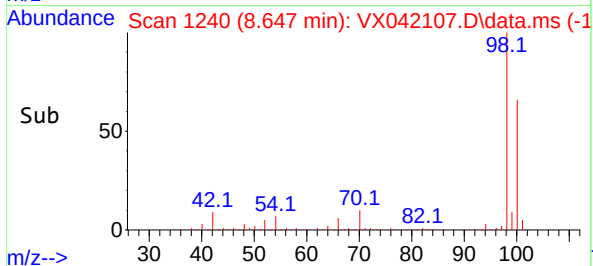
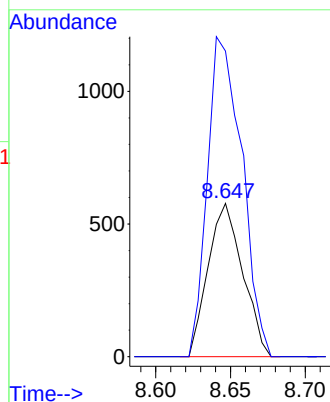
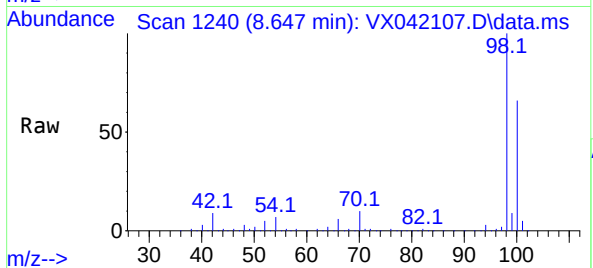




#51
4-Methyl-2-Pentanone
Concen: 0.395 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

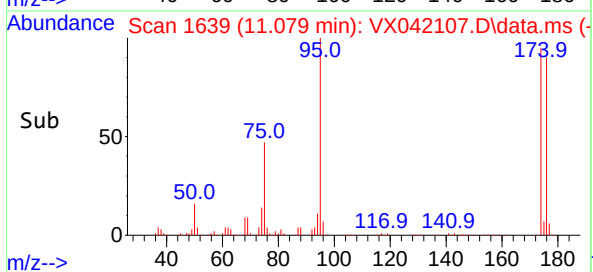
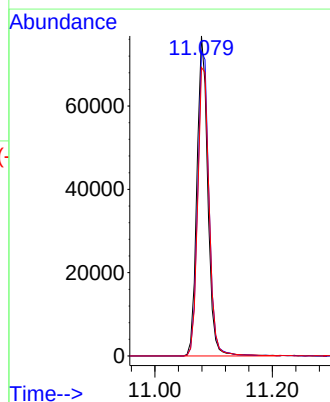
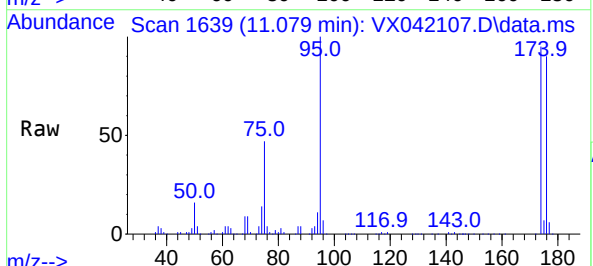
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625RE

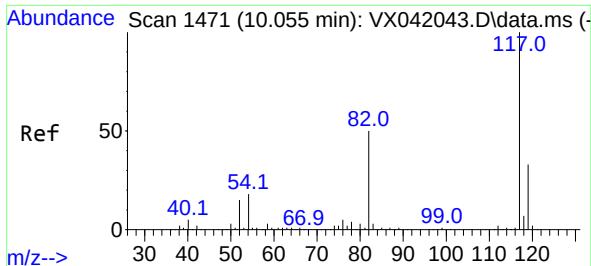
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 207.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion: 95 Resp: 98483
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 95.4 0.0 131.0

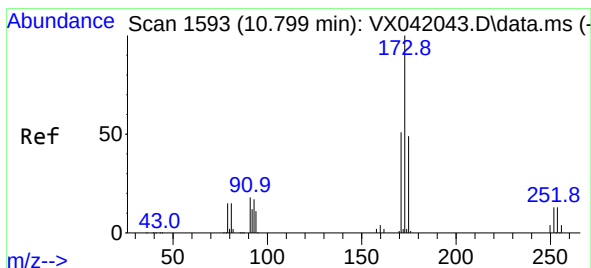
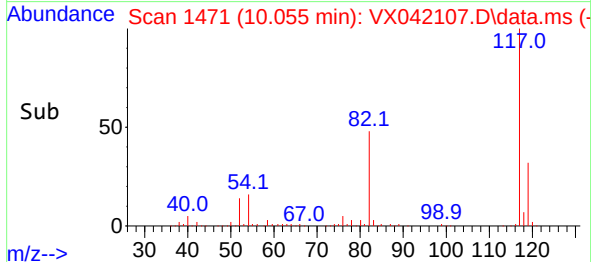
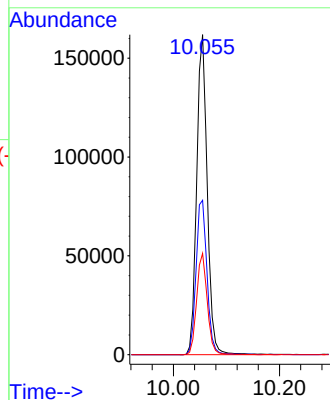
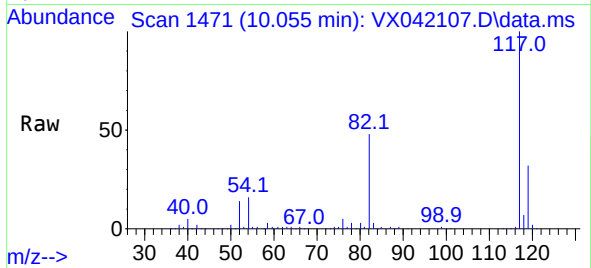




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

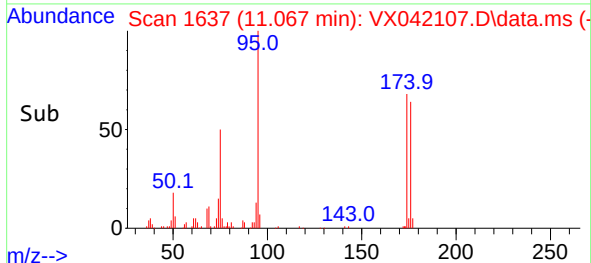
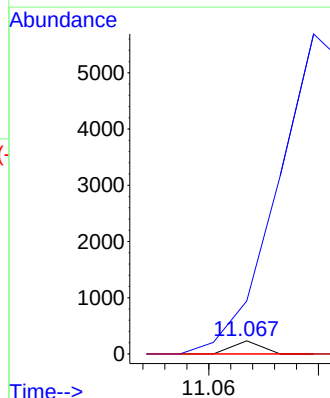
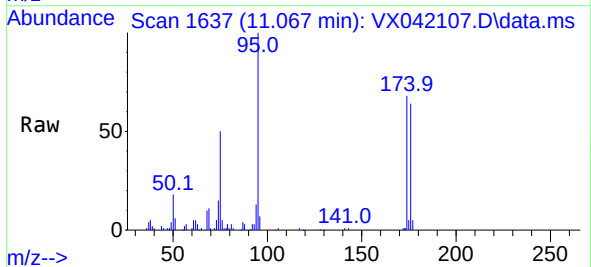
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625RE

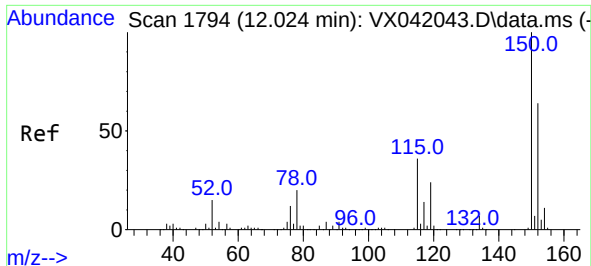
Tgt Ion:117 Resp: 223398
Ion Ratio Lower Upper
117 100
82 48.3 46.2 69.4
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.932 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion:173 Resp: 86
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0

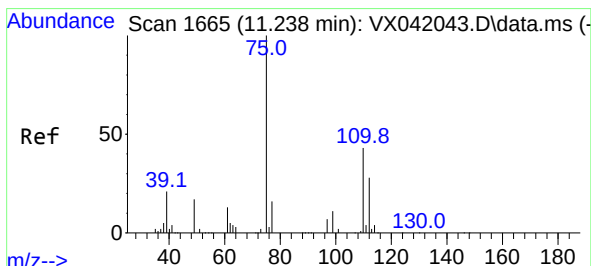
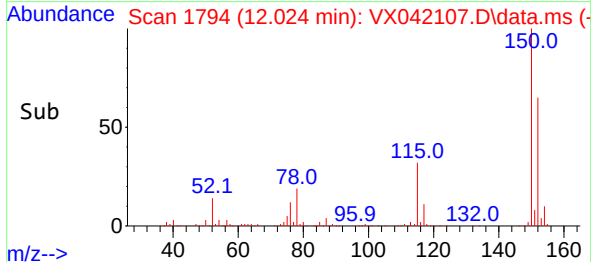
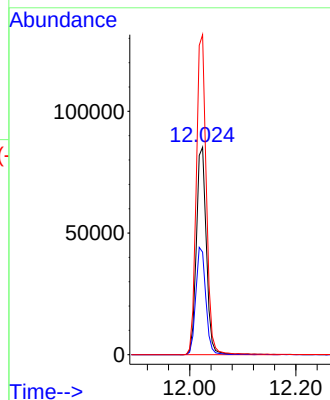
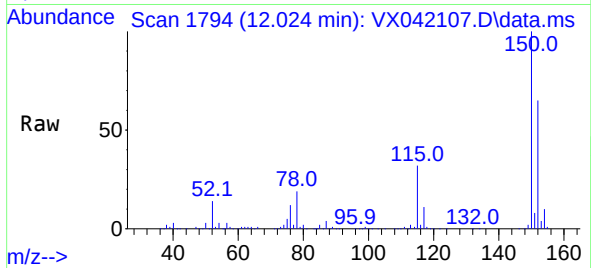




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

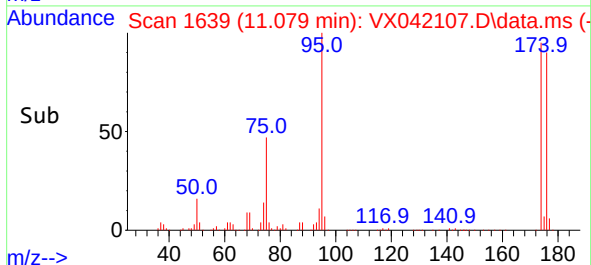
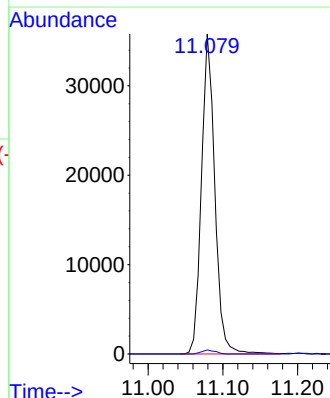
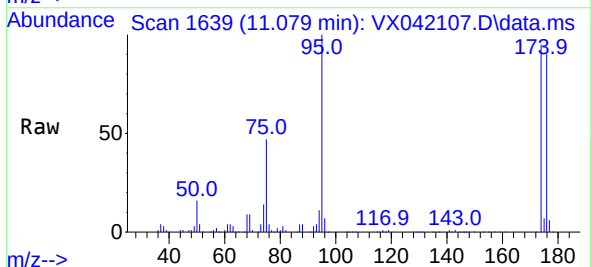
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625RE

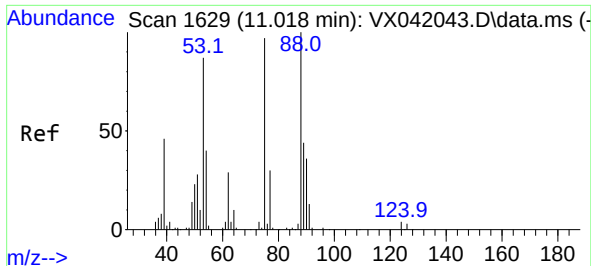
Tgt Ion:152 Resp: 111104
Ion Ratio Lower Upper
152 100
115 52.0 43.3 129.9
150 154.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion: 75 Resp: 44501
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

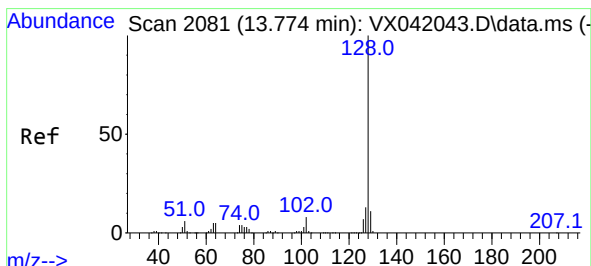
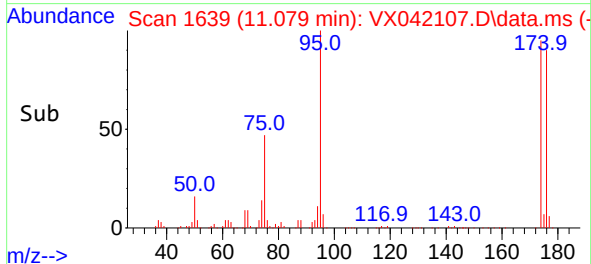
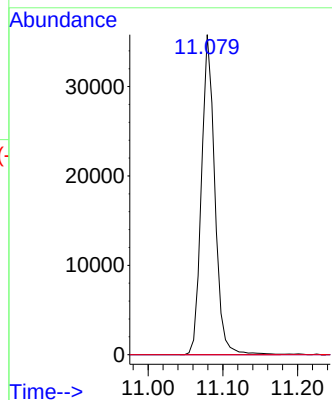
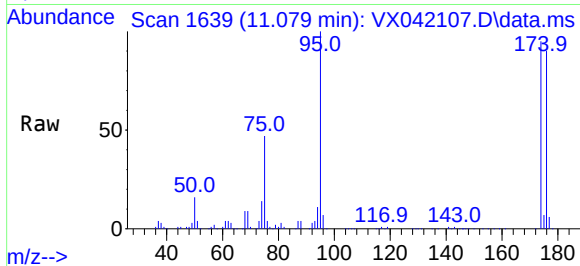




#81
trans-1,4-Dichloro-2-butene
Concen: 62.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625RE

Tgt Ion: 75 Resp: 44501
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.845 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042107.D
Acq: 01 Jul 2024 12:25

Tgt Ion: 128 Resp: 782
Ion Ratio Lower Upper
128 100
127 10.0 10.3 15.5#
129 2.9 8.8 13.2#

