

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042007.D
 Acq On : 24 Jun 2024 16:17
 Operator : JC/MD
 Sample : P3002-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-EB-20240618

Quant Time: Jun 24 17:03:26 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)

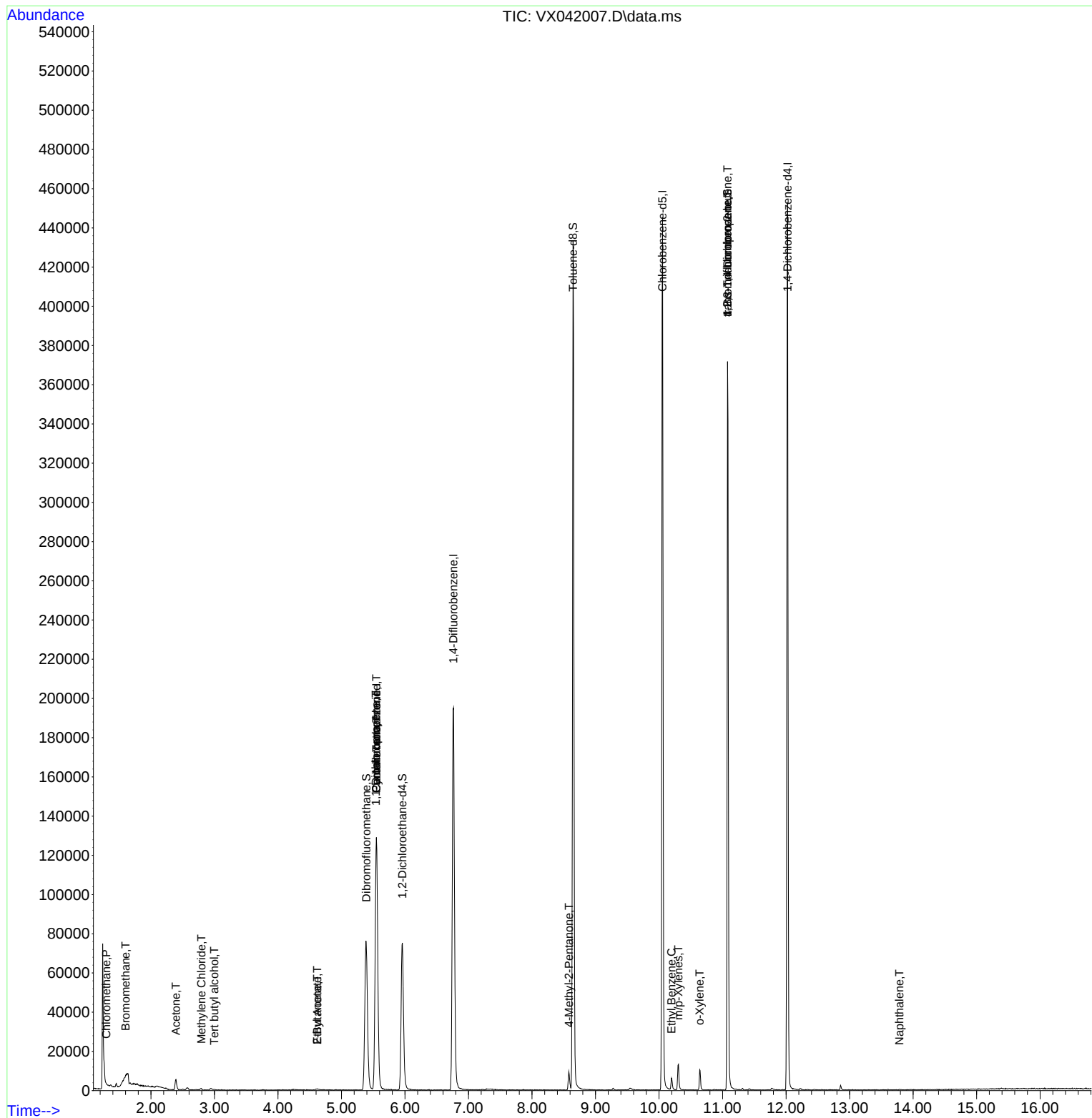
Internal Standards						
1) Pentafluorobenzene	5.550	168	143741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	218047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71783	43.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.620%
35) Dibromofluoromethane	5.391	113	68336	44.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.647	98	261363	48.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	99121	49.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.940%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	438	0.319	ug/l	# 43
5) Bromomethane	1.599	94	496	0.729	ug/l	# 74
6) Chloroethane	1.672	64	642	Below Cal	#	88
11) Tert butyl alcohol	2.995	59	447	1.421	ug/l	# 78
16) Acetone	2.392	43	5958	8.186	ug/l	# 81
20) Methylene Chloride	2.794	84	514	0.323	ug/l	# 69
25) 2-Butanone	4.617	43	904	0.798	ug/l	# 89
31) Cyclohexane	5.550	56	1956	1.009	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8332	5.071	ug/l	# 52
37) Ethyl Acetate	4.617	43	904	0.422	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	11779	6.489	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.580	43	6182	2.732	ug/l	100
67) Ethyl Benzene	10.195	91	4103	0.569	ug/l	92
68) m/p-Xylenes	10.305	106	3559	1.222	ug/l	100
69) o-Xylene	10.640	106	2686	0.931	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	45352	22.243	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45352	63.169	ug/l	# 5
95) Naphthalene	13.786	128	419	0.799	ug/l	# 69

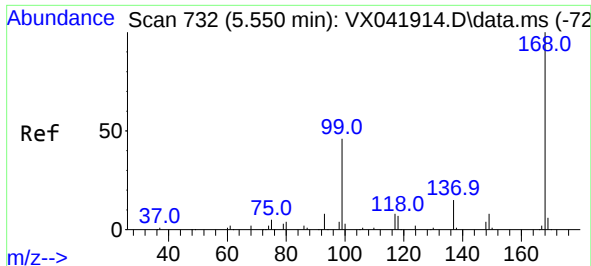
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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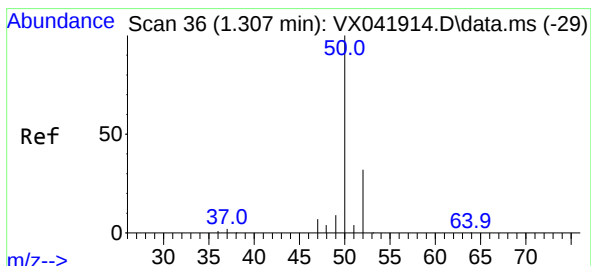
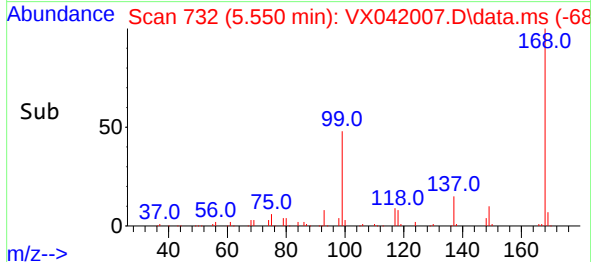
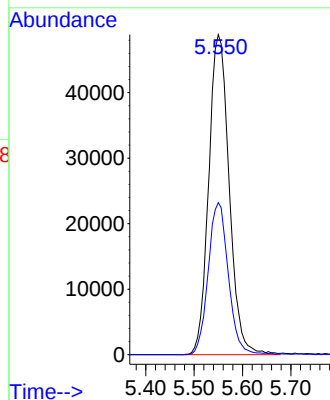
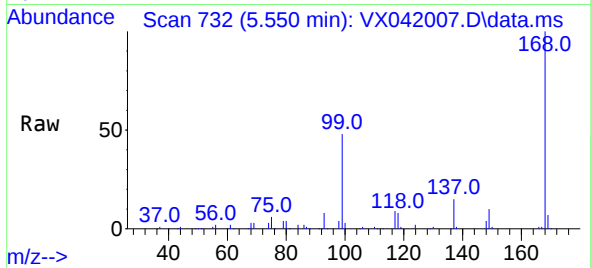




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

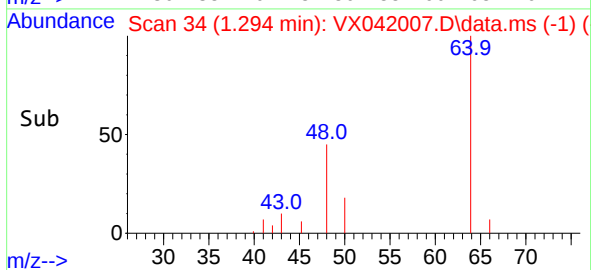
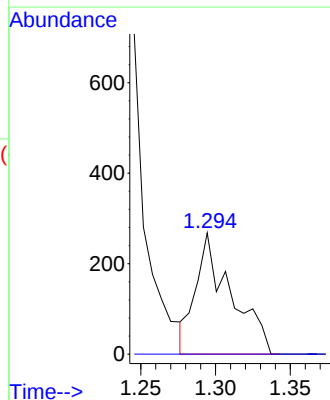
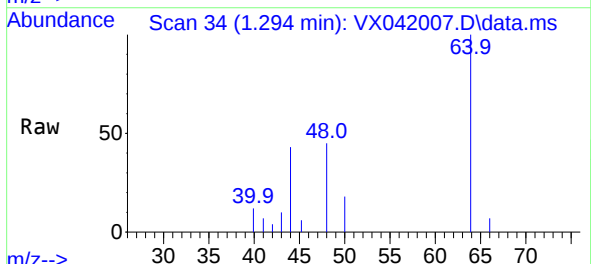
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

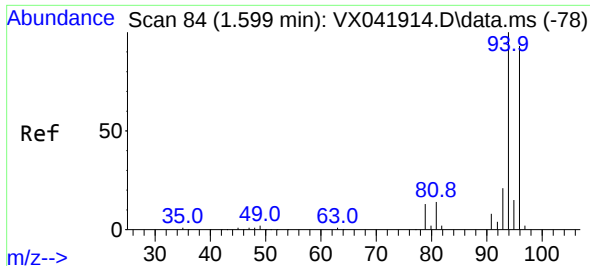
Tgt Ion:168 Resp: 143741
Ion Ratio Lower Upper
168 100
99 47.5 56.6 85.0#



#3
Chloromethane
Concen: 0.319 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 50 Resp: 438
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

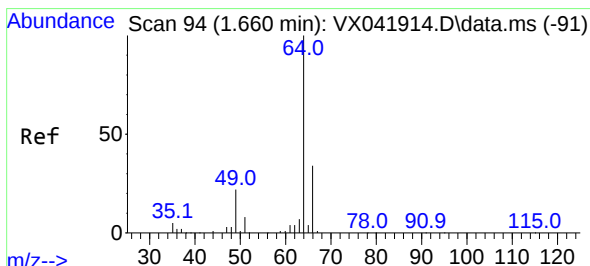
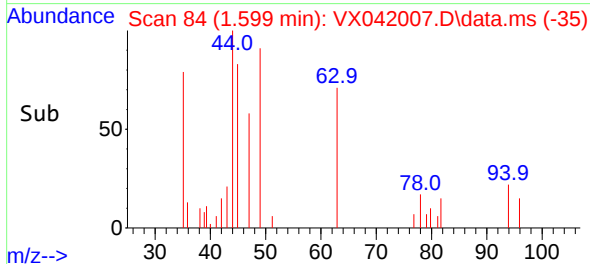
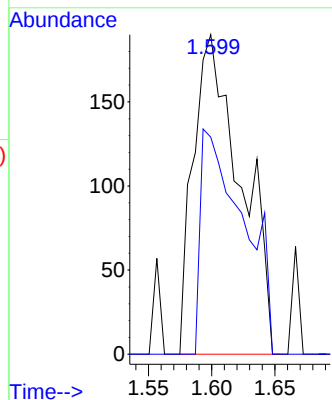
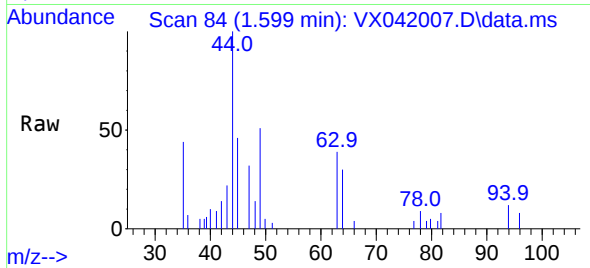




#5
Bromomethane
Concen: 0.729 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

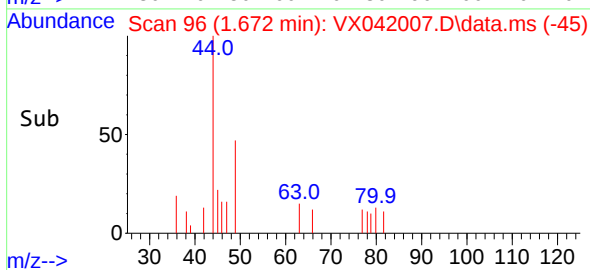
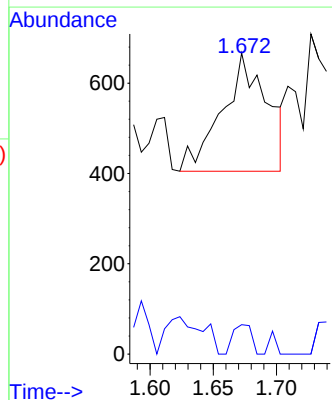
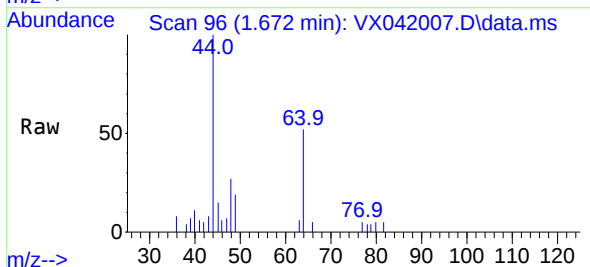
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

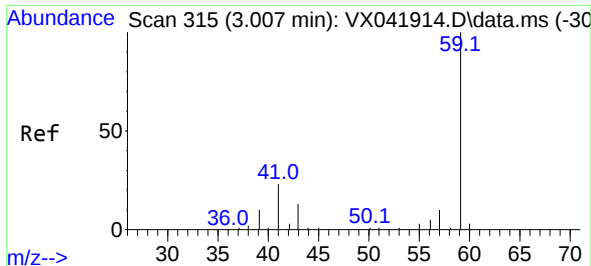
Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 67.9 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 64 Resp: 642
Ion Ratio Lower Upper
64 100
66 24.8 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.421 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX042007.D

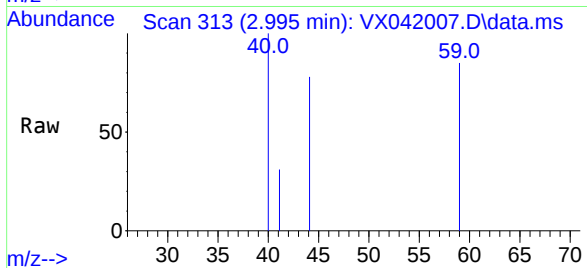
Acq: 24 Jun 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240618

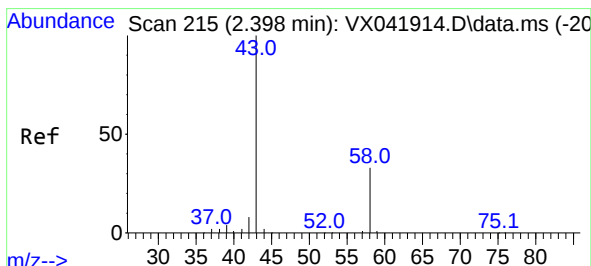
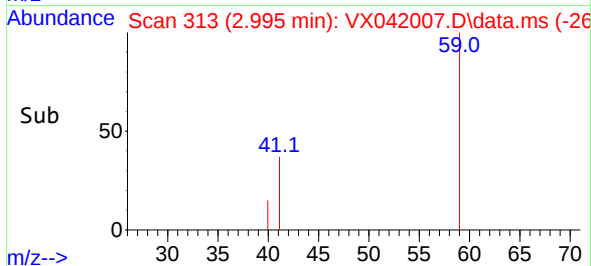
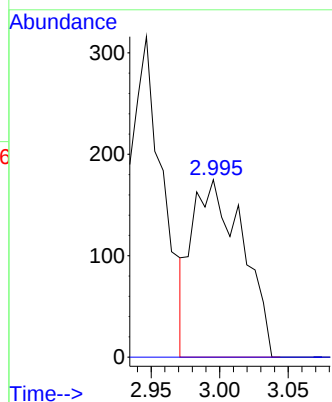


Tgt Ion: 59 Resp: 447

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 8.186 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042007.D

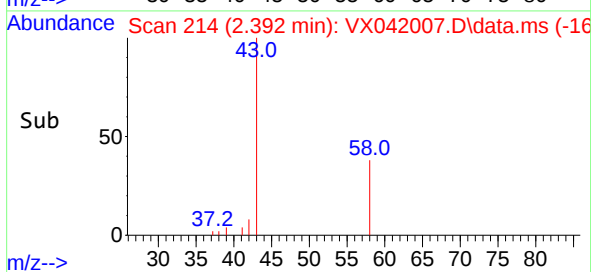
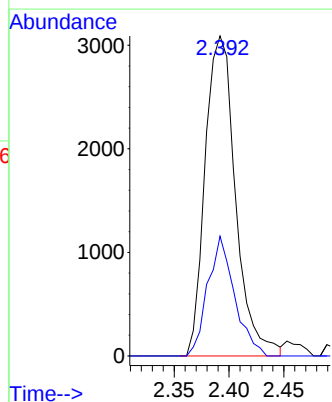
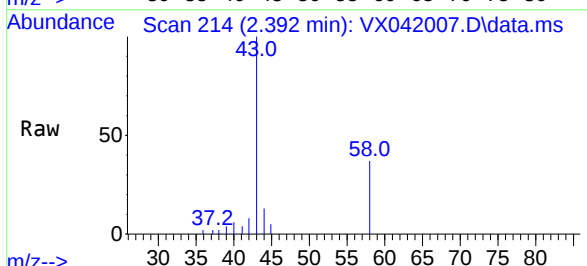
Acq: 24 Jun 2024 16:17

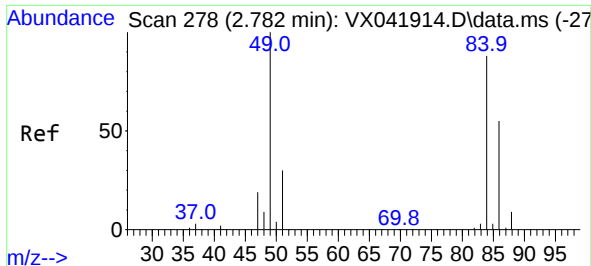
Tgt Ion: 43 Resp: 5958

Ion Ratio Lower Upper

43 100

58 37.4 21.9 32.9#





#20

Methylene Chloride

Concen: 0.323 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX042007.D

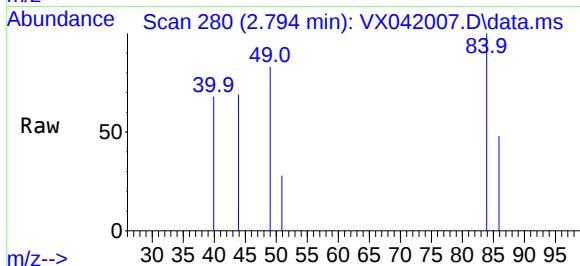
Acq: 24 Jun 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240618



Tgt Ion: 84 Resp: 514

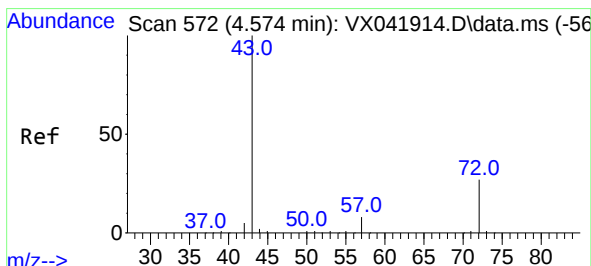
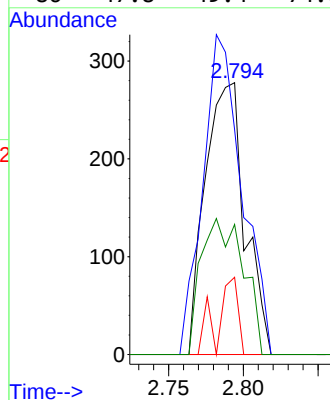
Ion Ratio Lower Upper

84 100

49 82.7 103.6 155.4#

51 28.4 33.8 50.6#

86 47.8 49.4 74.0#



#25

2-Butanone

Concen: 0.798 ug/l

RT: 4.617 min Scan# 579

Delta R.T. 0.043 min

Lab File: VX042007.D

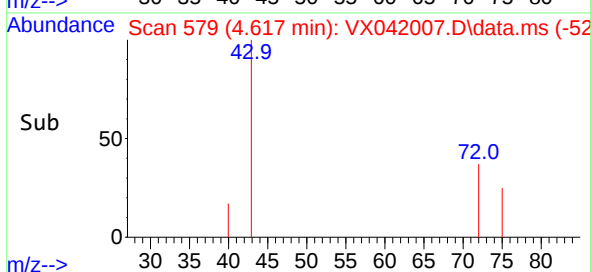
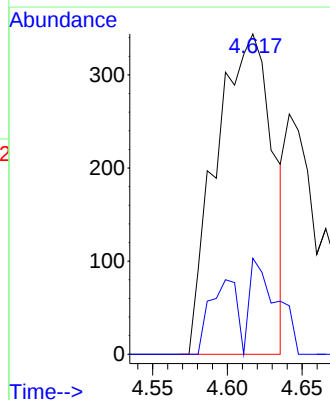
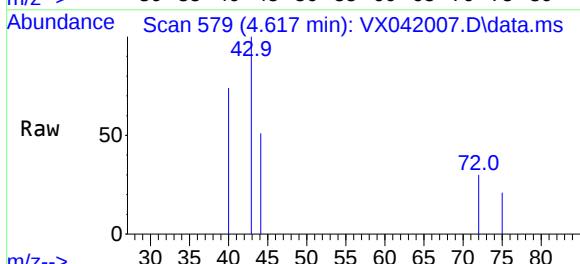
Acq: 24 Jun 2024 16:17

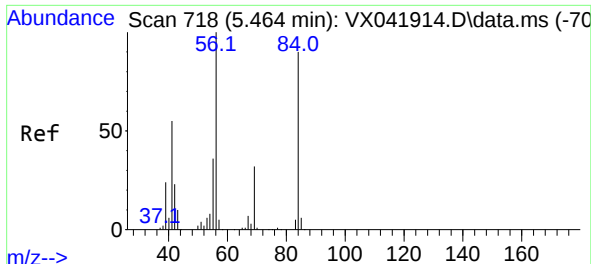
Tgt Ion: 43 Resp: 904

Ion Ratio Lower Upper

43 100

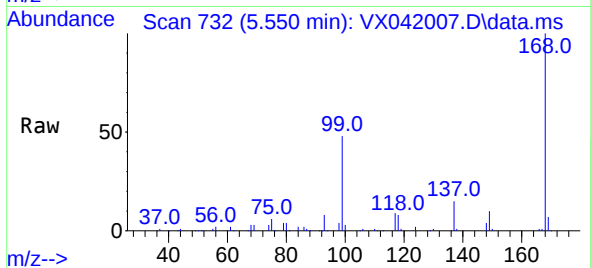
72 29.9 19.4 29.2#



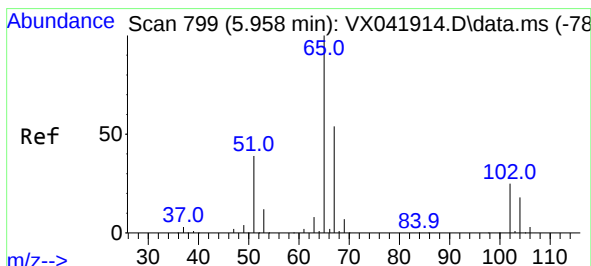
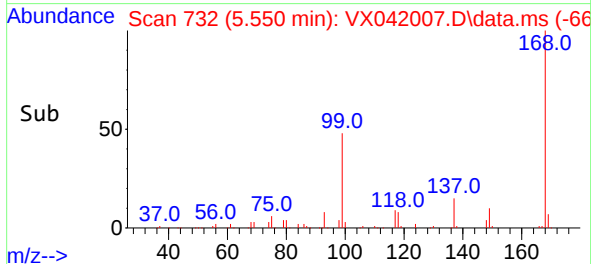
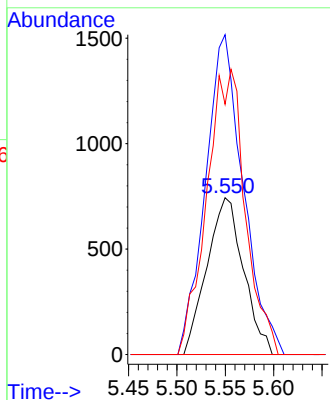


#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

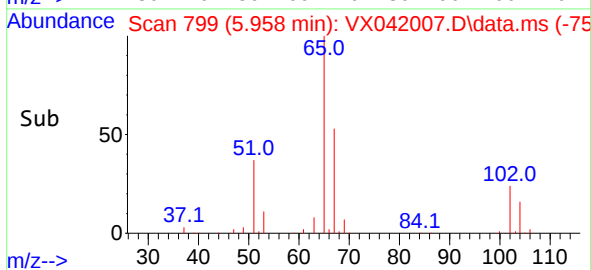
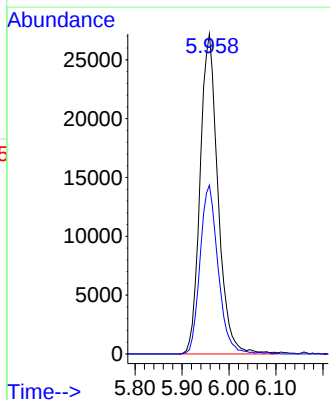
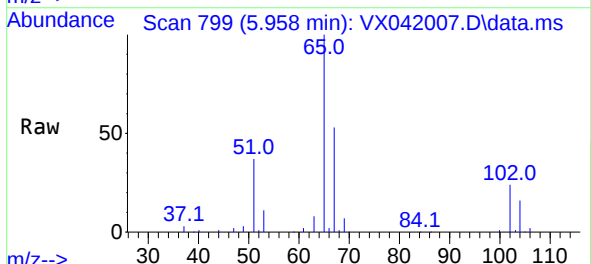


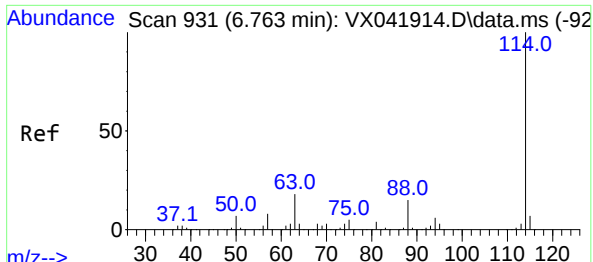
Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
69 203.9 23.4 35.2#
84 159.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.308 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 65 Resp: 71783
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# 91

Delta R.T. 0.000 min

Lab File: VX042007.D

Acq: 24 Jun 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240618

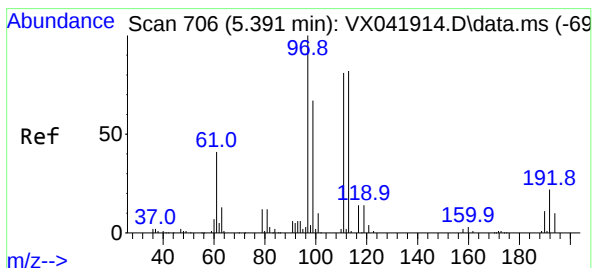
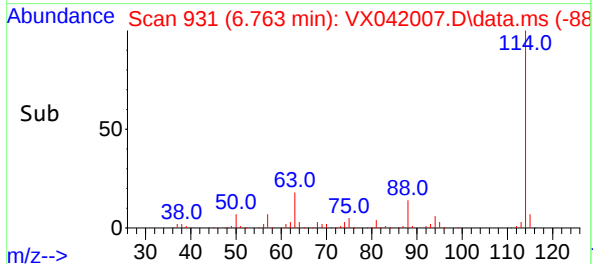
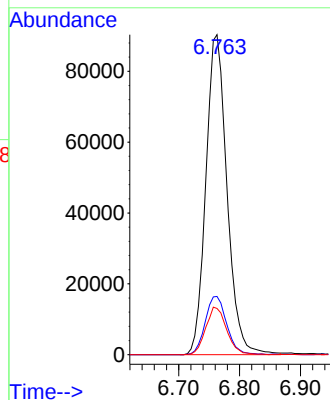
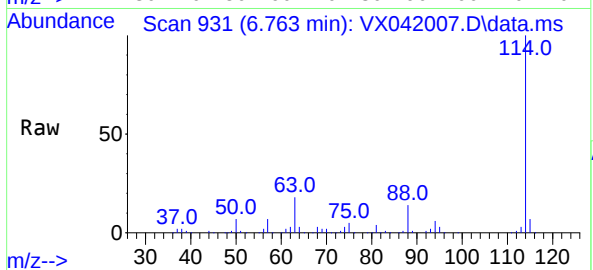
Tgt Ion:114 Resp: 218047

Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 14.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.169 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX042007.D

Acq: 24 Jun 2024 16:17

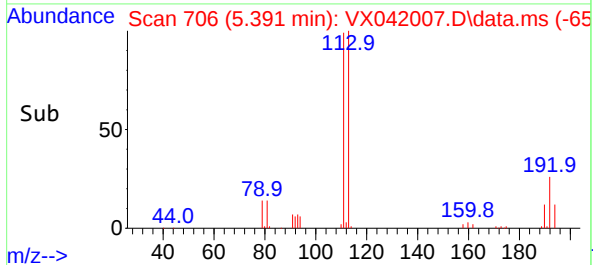
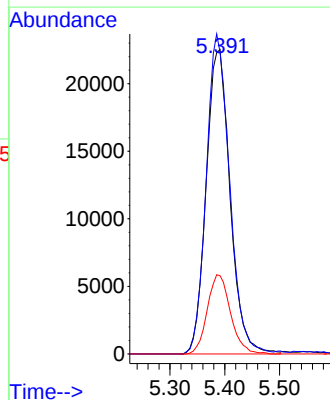
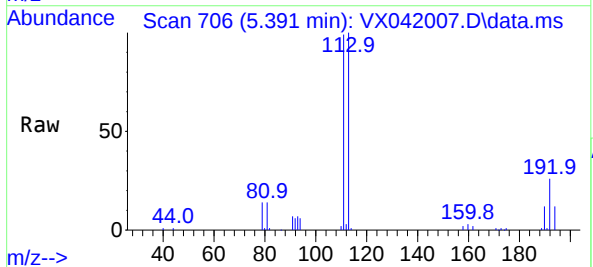
Tgt Ion:113 Resp: 68336

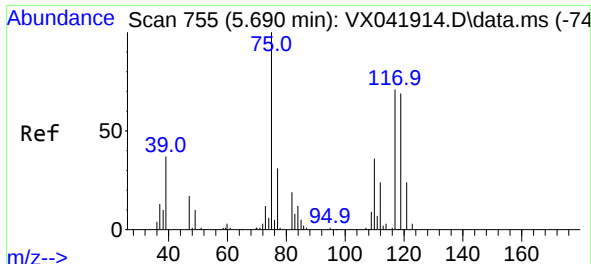
Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 25.2 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX042007.D

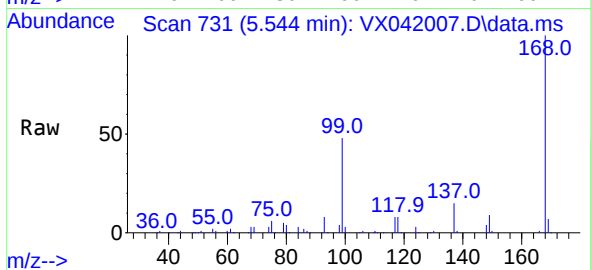
Acq: 24 Jun 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240618



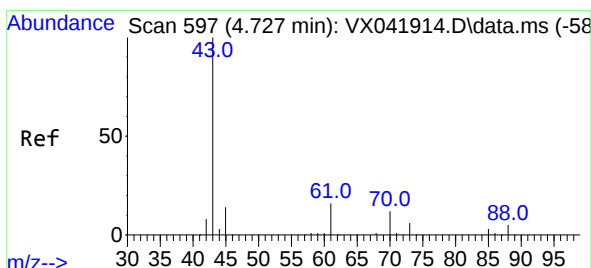
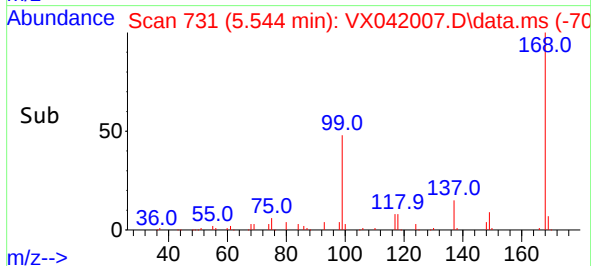
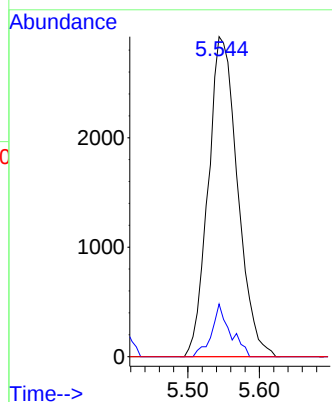
Tgt Ion: 75 Resp: 8332

Ion Ratio Lower Upper

75 100

110 10.4 17.0 50.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.422 ug/l

RT: 4.617 min Scan# 579

Delta R.T. -0.110 min

Lab File: VX042007.D

Acq: 24 Jun 2024 16:17

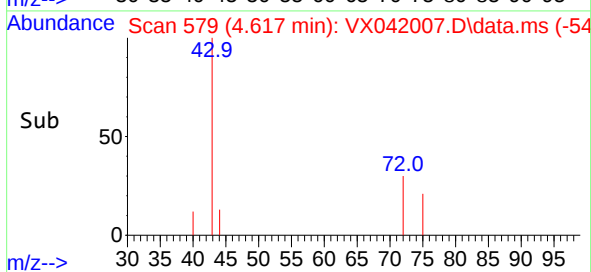
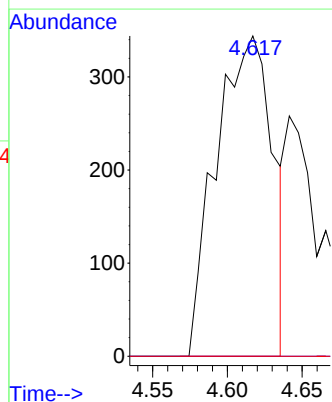
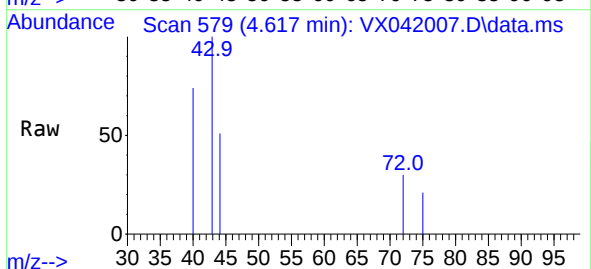
Tgt Ion: 43 Resp: 904

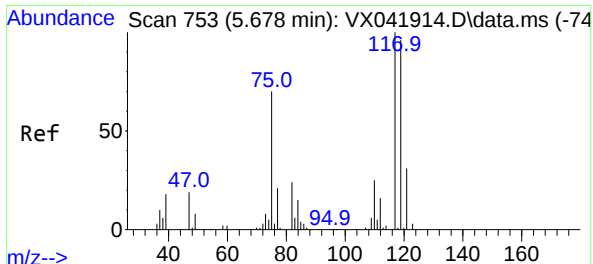
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

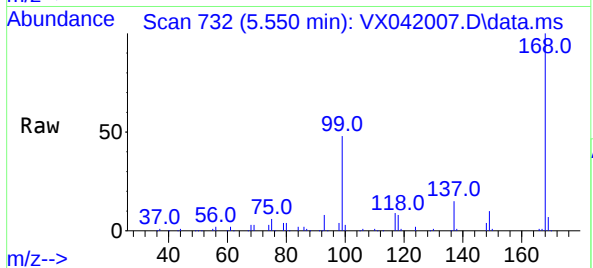
70 0.0 8.3 12.5#



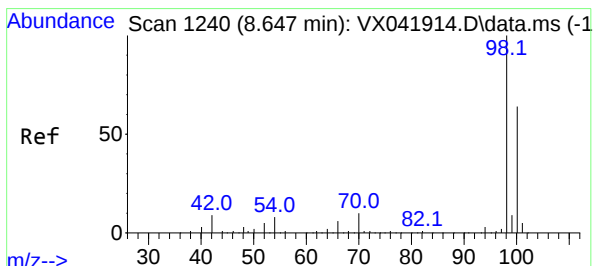
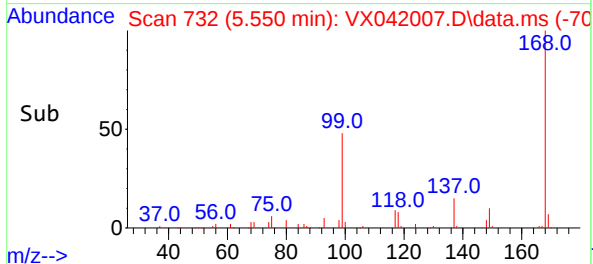
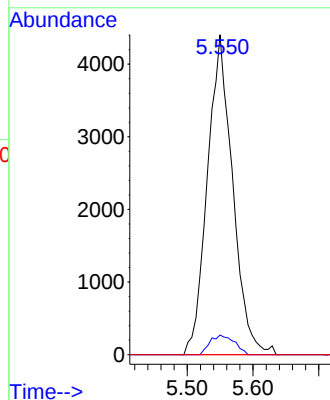


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

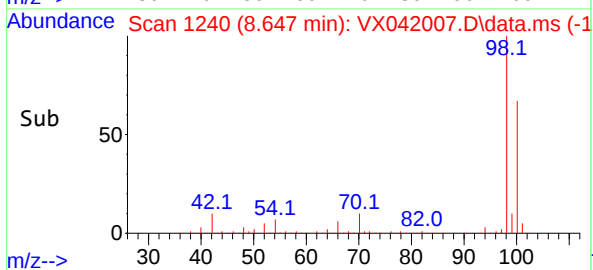
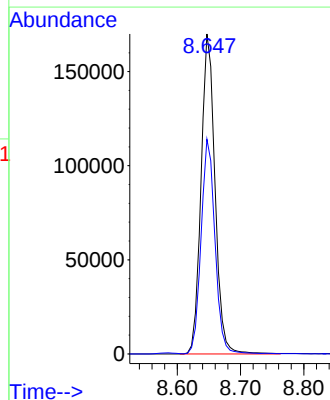
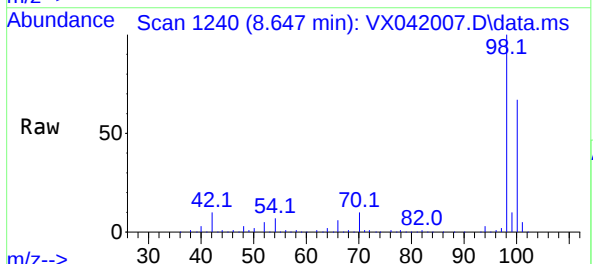


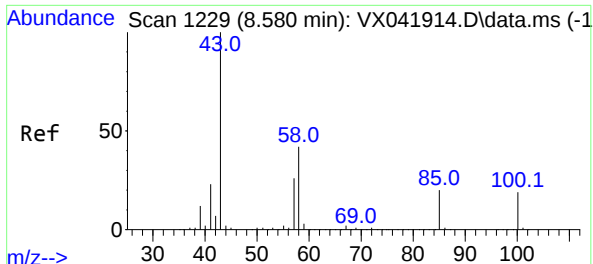
Tgt Ion:117 Resp: 11779
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.087 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 98 Resp: 261363
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

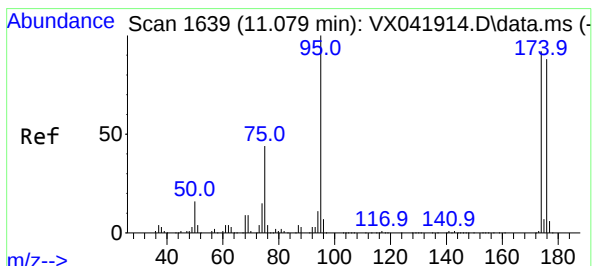
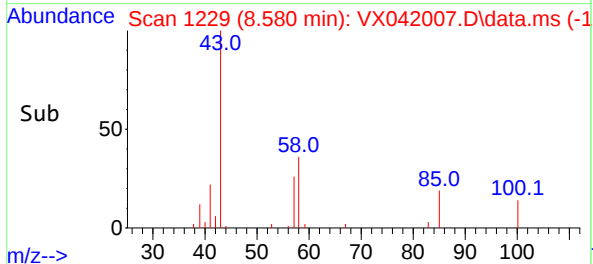
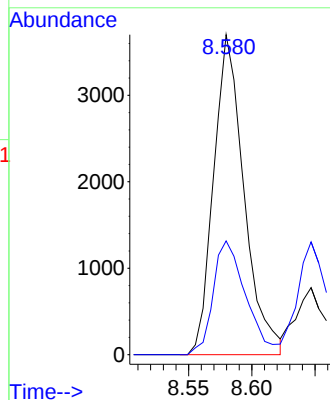
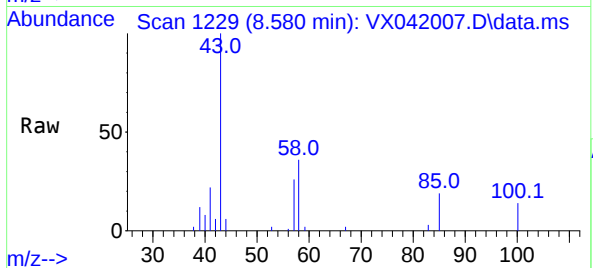




#51
4-Methyl-2-Pentanone
Concen: 2.732 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

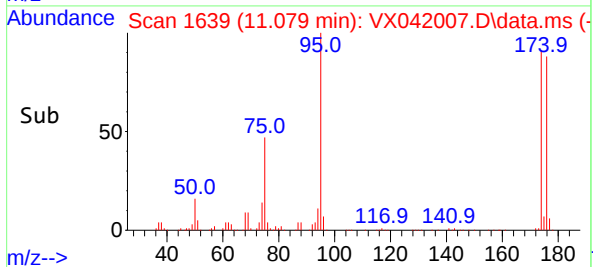
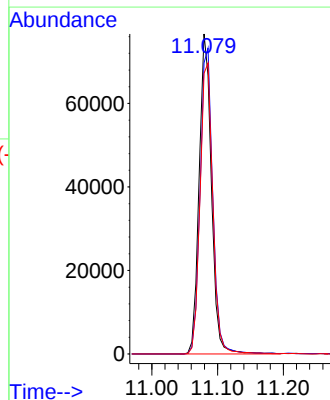
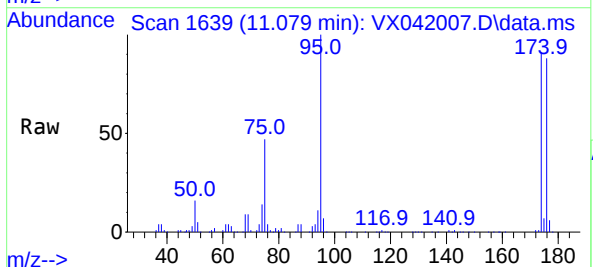
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

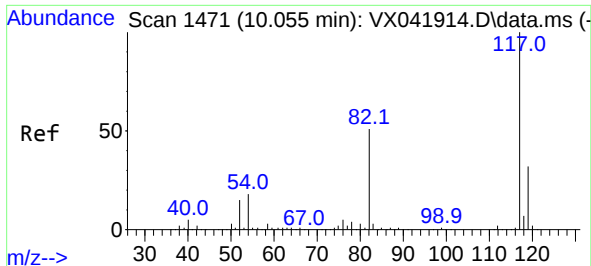
Tgt Ion: 43 Resp: 6182
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 49.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 95 Resp: 99121
Ion Ratio Lower Upper
95 100
174 98.4 0.0 135.6
176 94.8 0.0 131.0

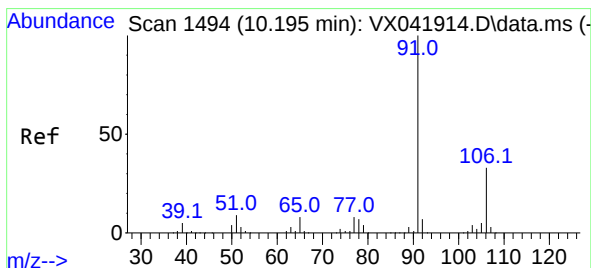
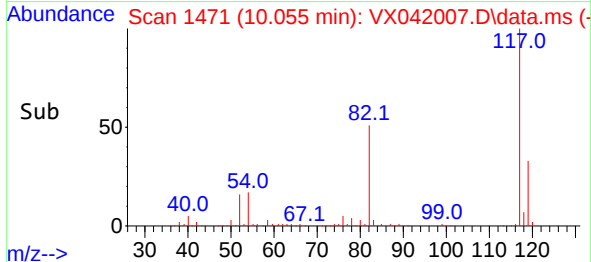
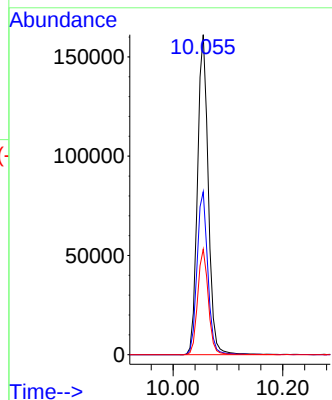
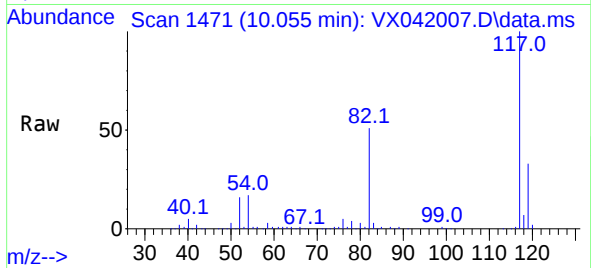




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

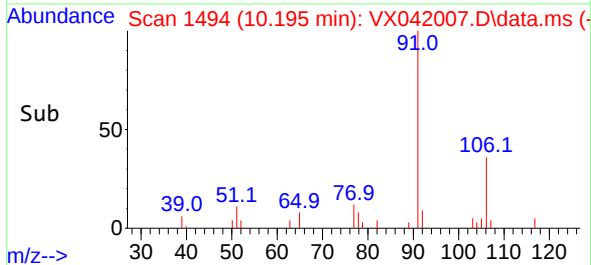
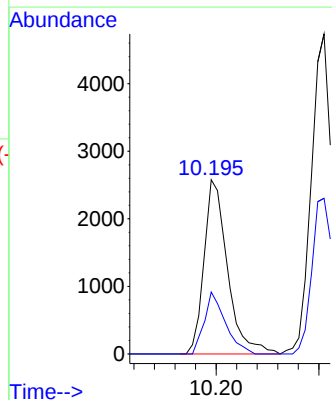
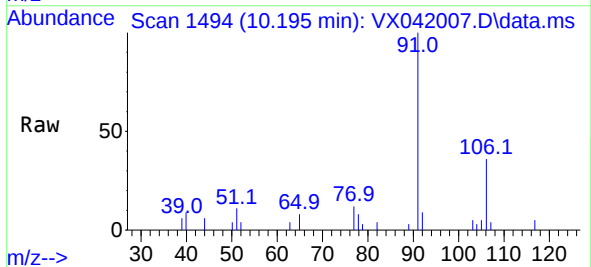
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

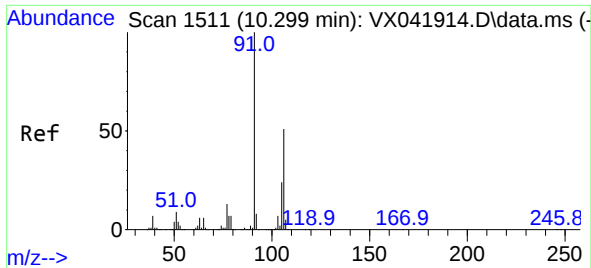
Tgt Ion:117 Resp: 221420
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 33.0 25.5 38.3



#67
Ethyl Benzene
Concen: 0.569 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 91 Resp: 4103
Ion Ratio Lower Upper
91 100
106 35.5 24.9 37.3

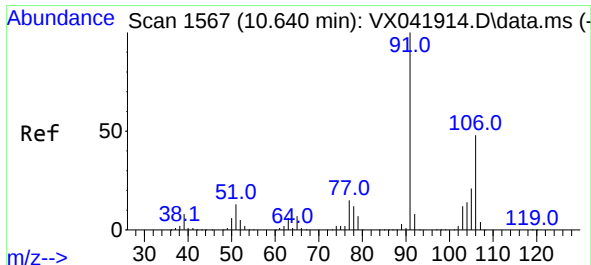
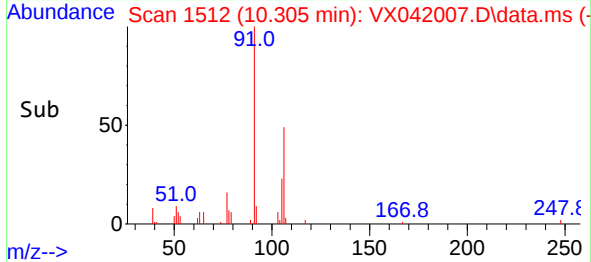
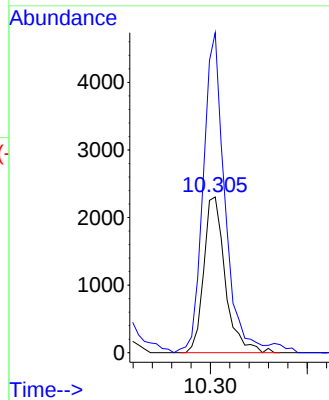
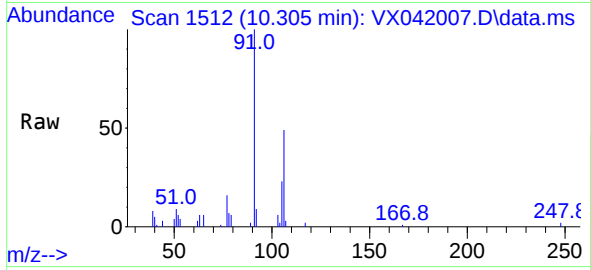




#68
m/p-Xylenes
Concen: 1.222 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

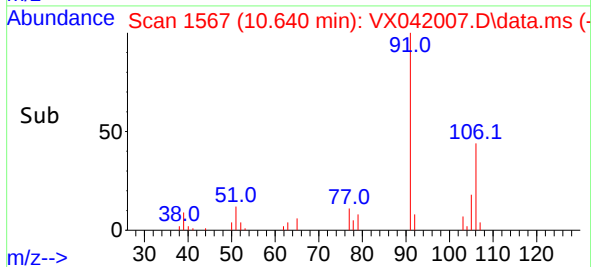
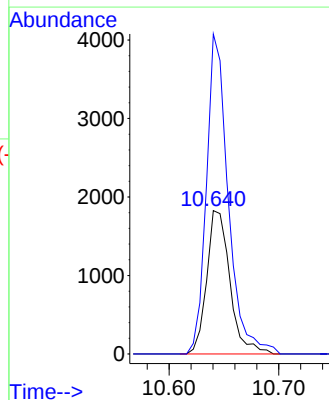
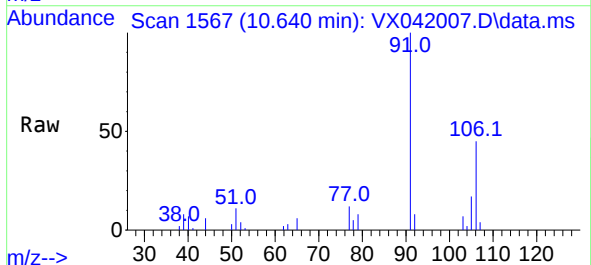
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

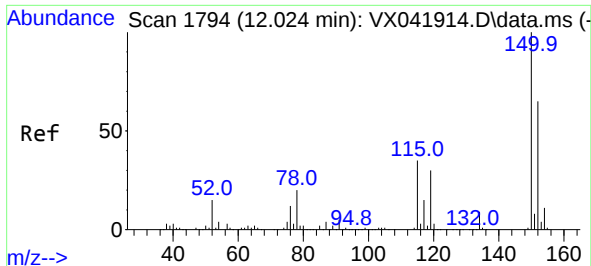
Tgt Ion:106 Resp: 3559
Ion Ratio Lower Upper
106 100
91 206.7 165.5 248.3



#69
o-Xylene
Concen: 0.931 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion:106 Resp: 2686
Ion Ratio Lower Upper
106 100
91 209.5 108.9 326.8

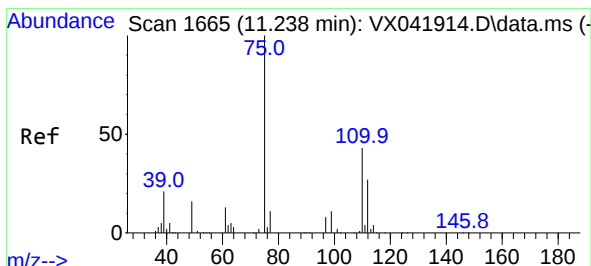
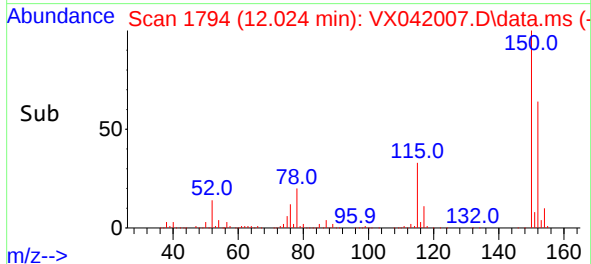
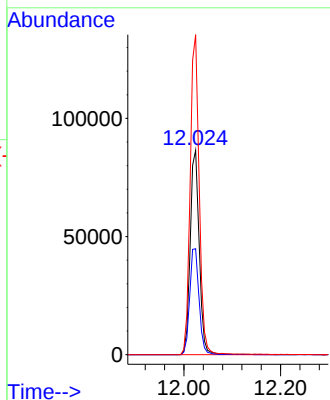
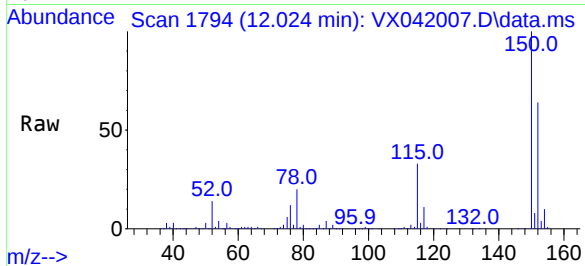




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

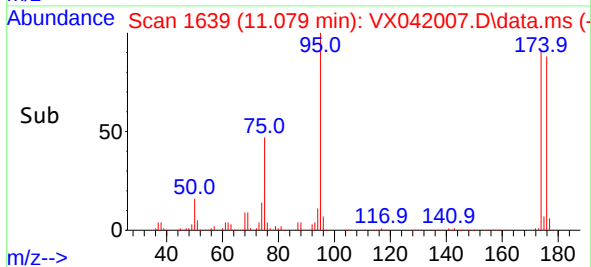
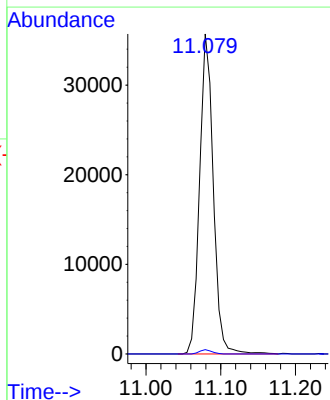
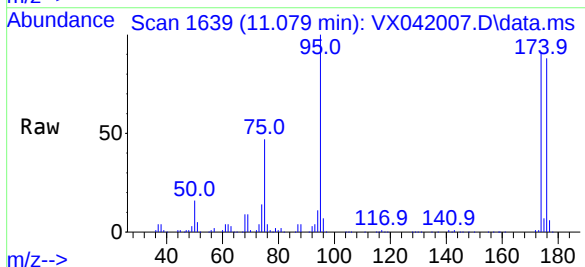
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

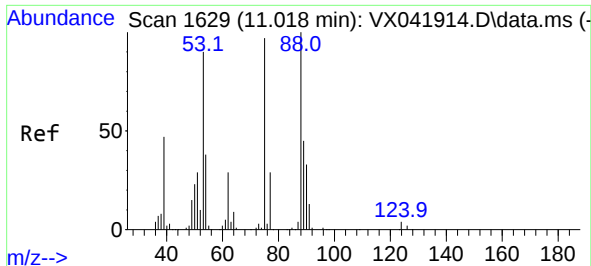
Tgt Ion:152 Resp: 112312
Ion Ratio Lower Upper
152 100
115 53.9 43.3 129.9
150 155.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 75 Resp: 45352
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

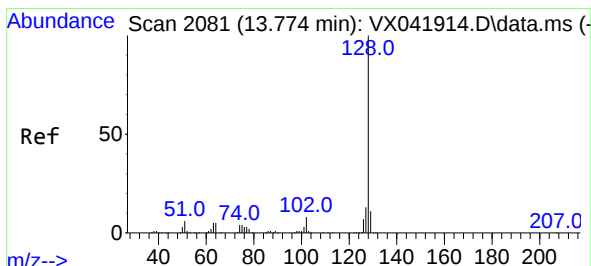
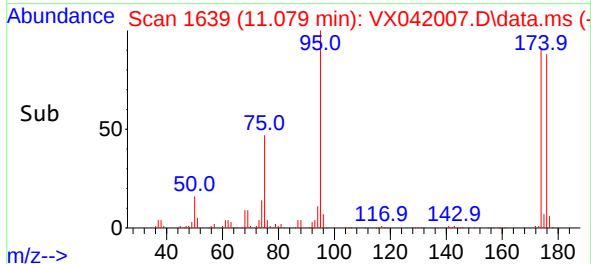
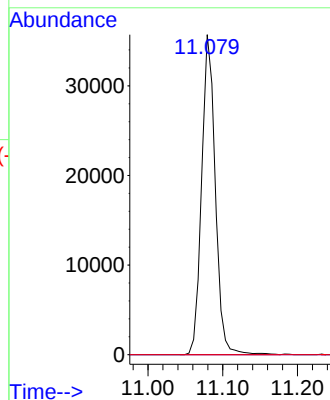
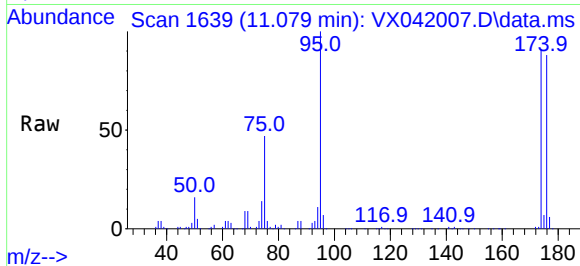




#81
trans-1,4-Dichloro-2-butene
Concen: 63.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240618

Tgt Ion: 75 Resp: 45352
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.799 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042007.D
Acq: 24 Jun 2024 16:17

Tgt Ion: 128 Resp: 419
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

