

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042036.D
 Acq On : 25 Jun 2024 16:44
 Operator : JC/MD
 Sample : P3056-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-DUP-20240620

Quant Time: Jun 26 05:40:57 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)

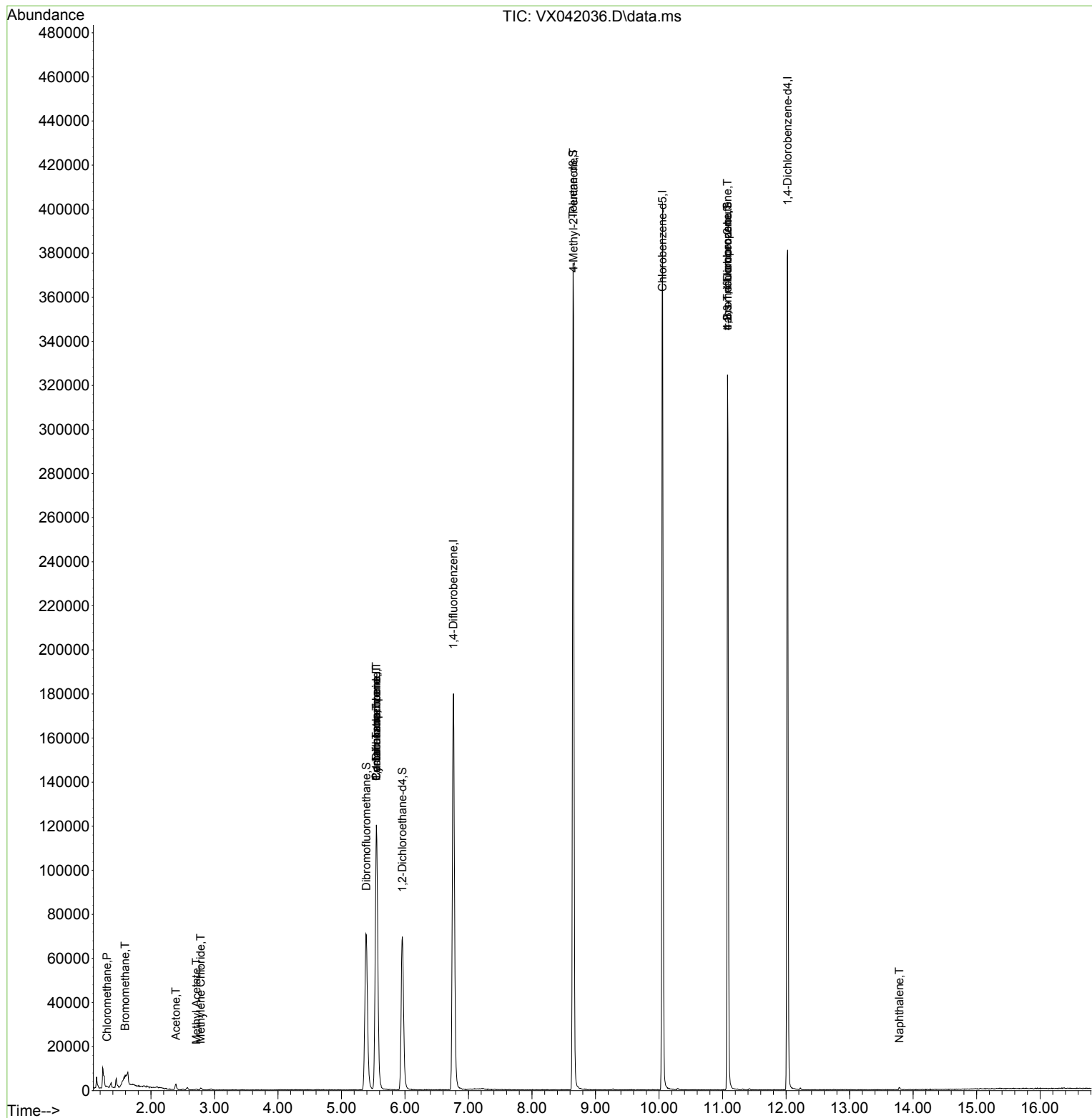
Internal Standards						
1) Pentafluorobenzene	5.550	168	130964	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	202843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66890	44.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.580%
35) Dibromofluoromethane	5.391	113	63340	44.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.020%
50) Toluene-d8	8.647	98	232834	46.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.100%
62) 4-Bromofluorobenzene	11.079	95	85834	46.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	476	0.380	ug/l	# 87
5) Bromomethane	1.593	94	129	0.208	ug/l	# 78
6) Chloroethane	1.672	64	425	Below Cal	#	43
16) Acetone	2.392	43	2670	4.026	ug/l	92
18) Methyl Acetate	2.715	43	587	0.324	ug/l	# 62
20) Methylene Chloride	2.782	84	486	0.335	ug/l	# 91
31) Cyclohexane	5.550	56	1887	1.068	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7267	4.755	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11081	6.562	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	936	0.445	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	39261	23.055	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	39261	65.473	ug/l	# 5
95) Naphthalene	13.786	128	1408	0.954	ug/l	# 89

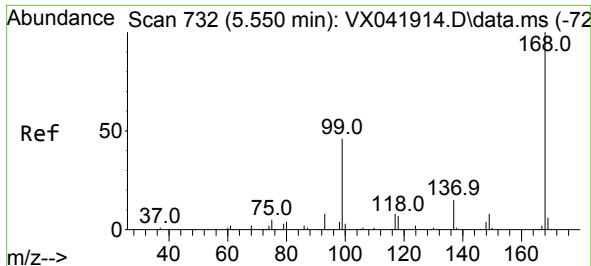
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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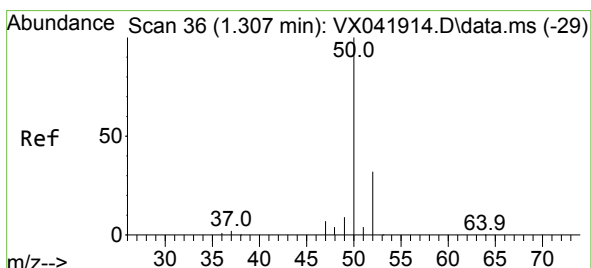
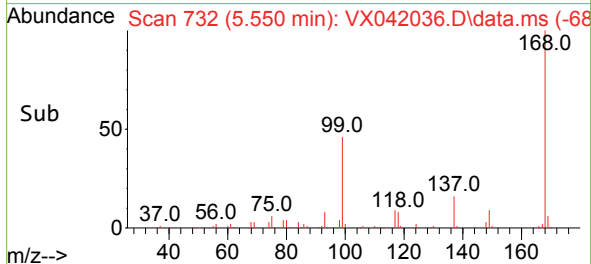
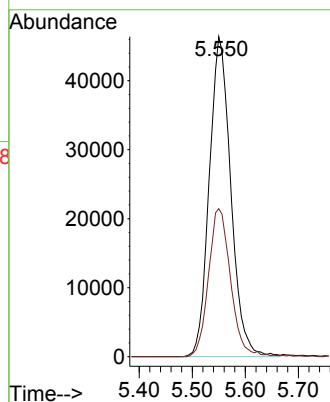
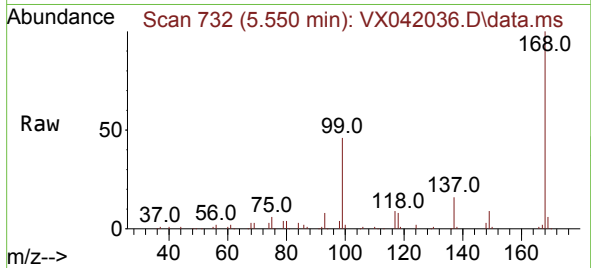




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

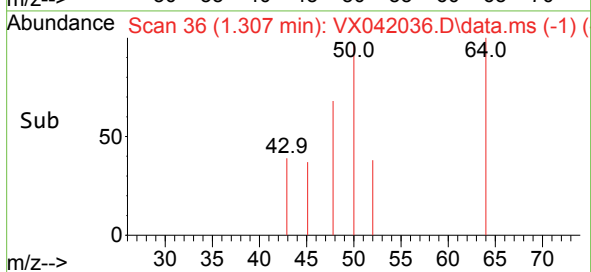
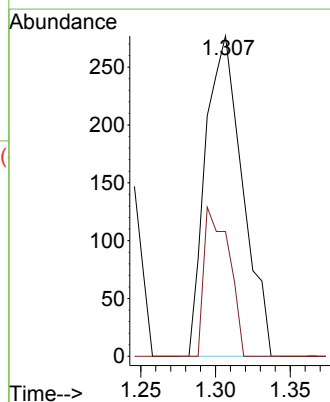
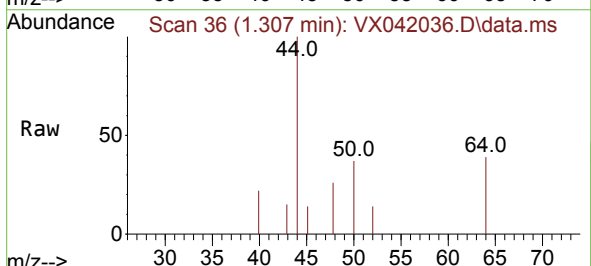
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-DUP-20240620

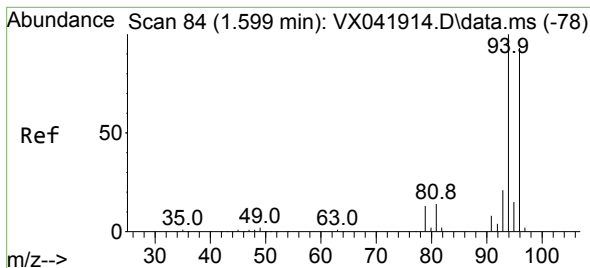
Tgt Ion:168 Resp: 130964
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#3
Chloromethane
Concen: 0.380 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 39.0 25.5 38.3#





#5

Bromomethane

Concen: 0.208 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX042036.D

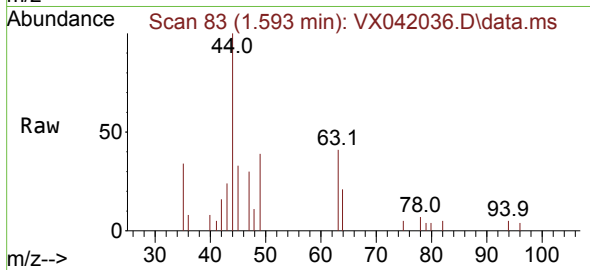
Acq: 25 Jun 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-DUP-20240620

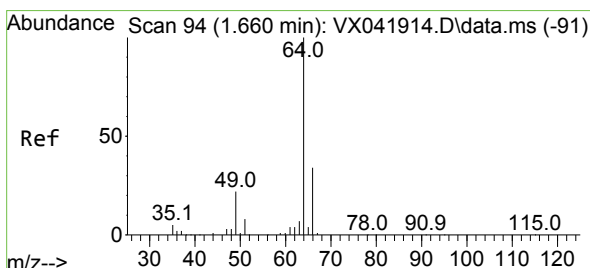
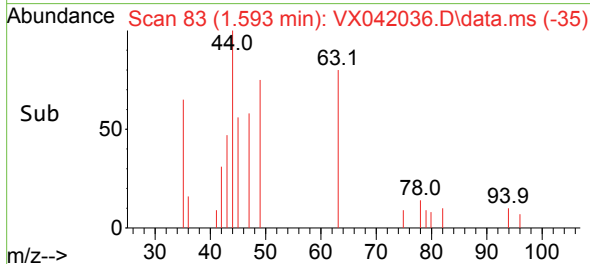
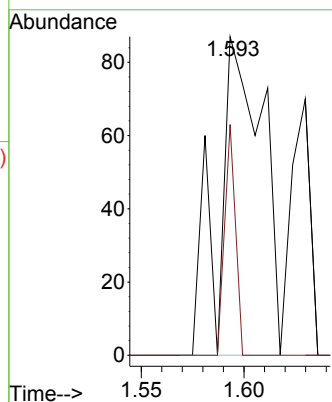


Tgt Ion: 94 Resp: 129

Ion Ratio Lower Upper

94 100

96 72.4 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 96

Delta R.T. 0.012 min

Lab File: VX042036.D

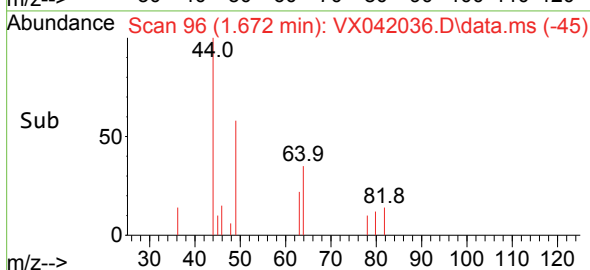
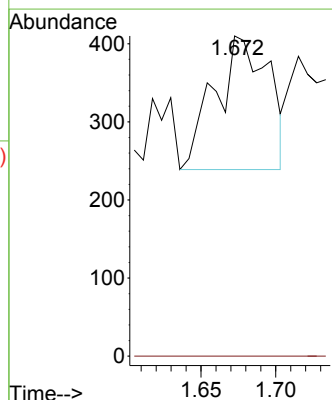
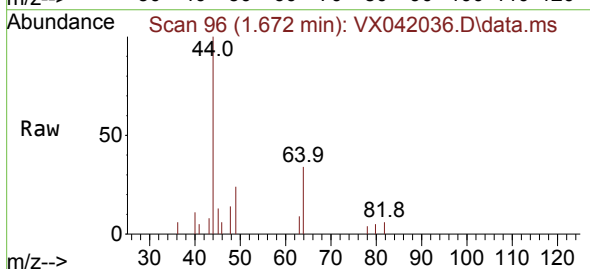
Acq: 25 Jun 2024 16:44

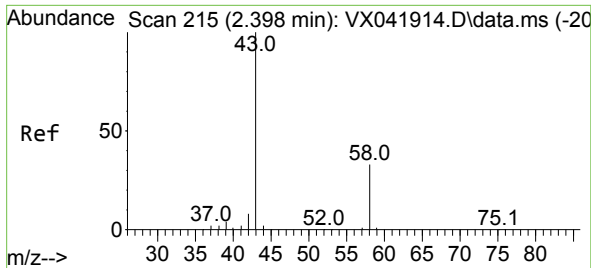
Tgt Ion: 64 Resp: 425

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

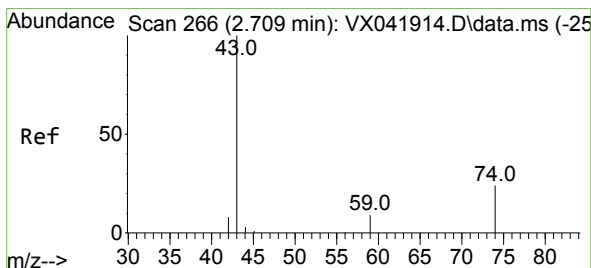
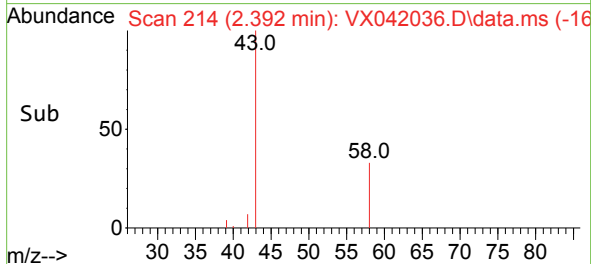
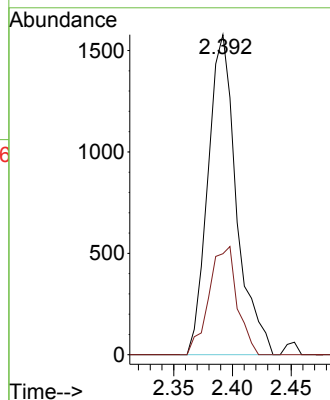
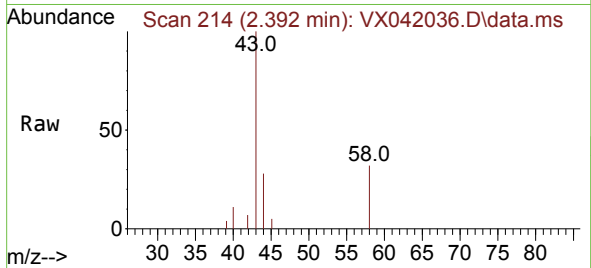




#16
Acetone
Concen: 4.026 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

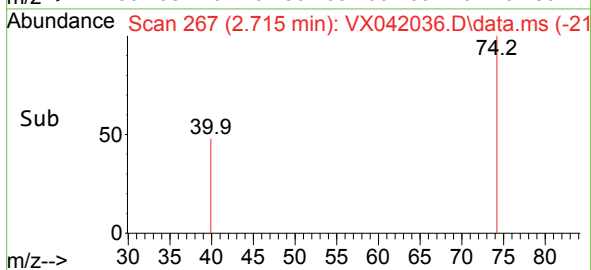
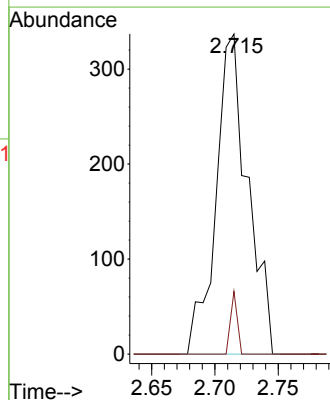
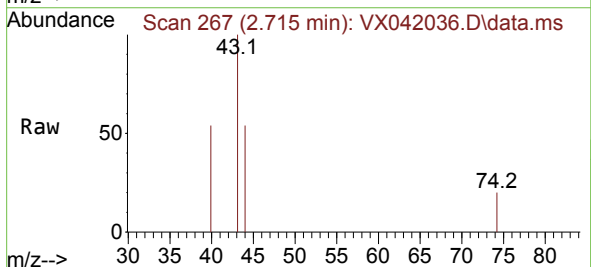
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-DUP-20240620

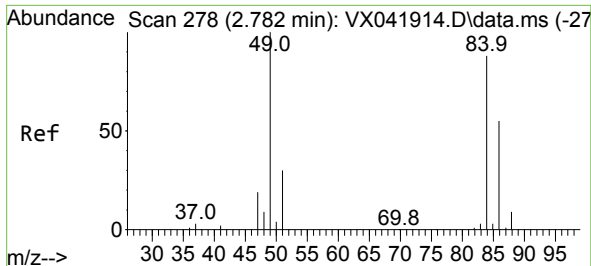
Tgt Ion: 43 Resp: 2670
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#18
Methyl Acetate
Concen: 0.324 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
74 4.1 17.8 26.8#

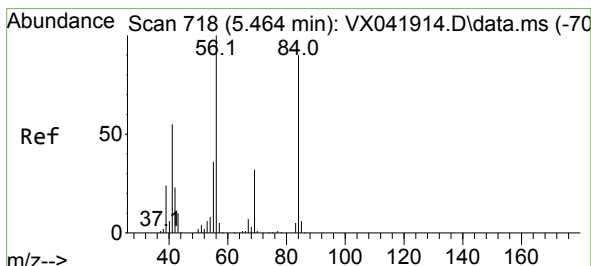
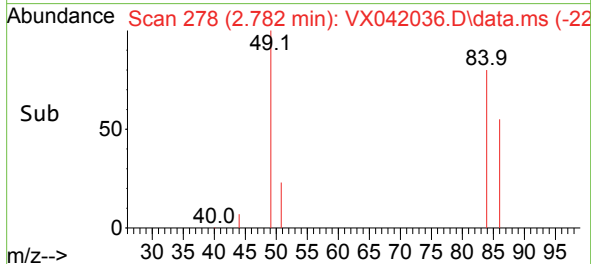
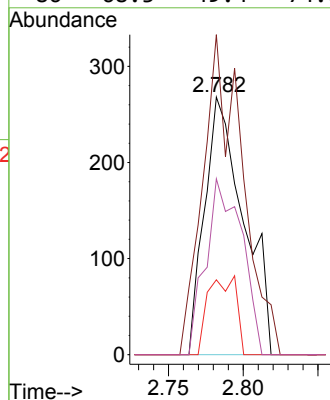
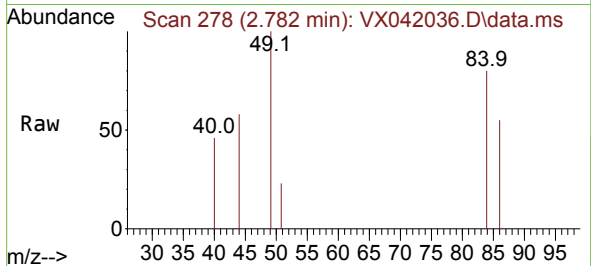




#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

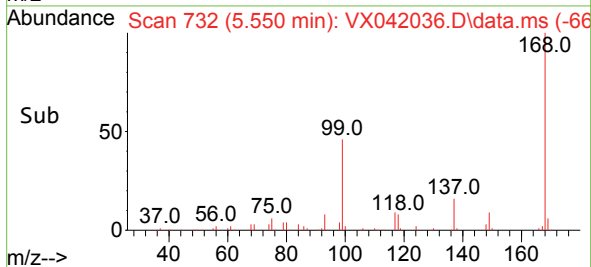
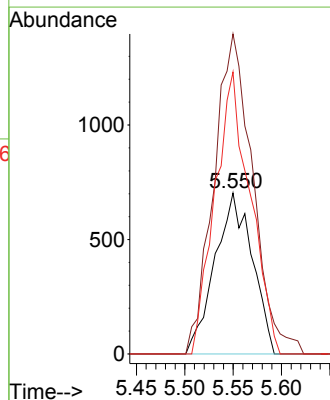
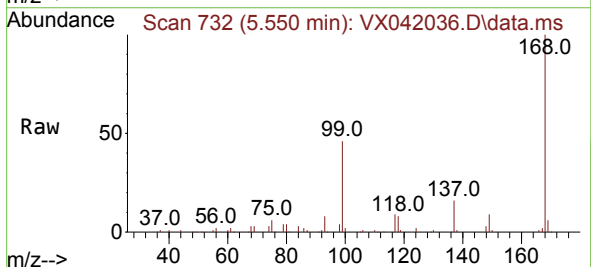
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-DUP-20240620

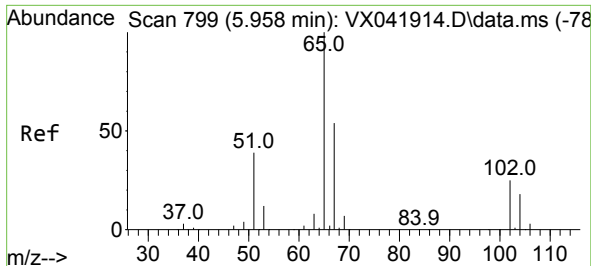
Tgt Ion:	84	Resp:	486
Ion	Ratio	Lower	Upper
84	100		
49	124.3	103.6	155.4
51	29.1	33.8	50.6#
86	68.3	49.4	74.0



#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

Tgt Ion:	56	Resp:	1887
Ion	Ratio	Lower	Upper
56	100		
69	198.9	23.4	35.2#
84	175.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.293 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042036.D

Acq: 25 Jun 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

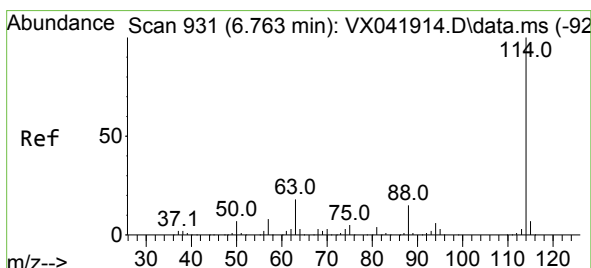
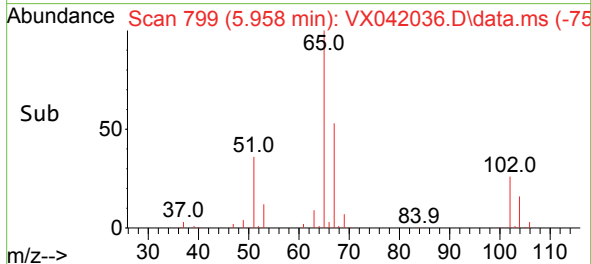
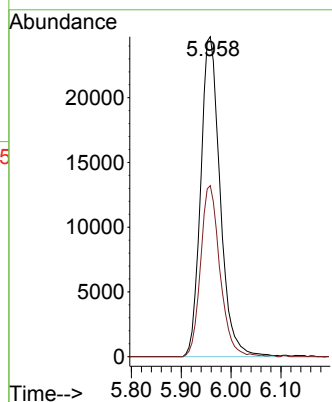
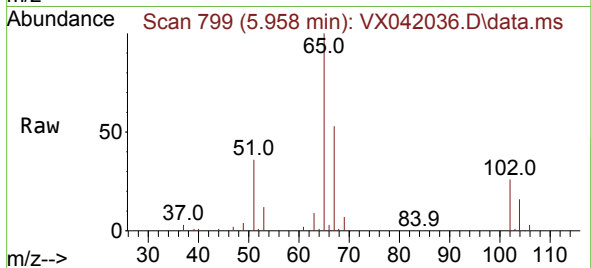
BP-VPB-196-DUP-20240620

Tgt Ion: 65 Resp: 66890

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# 931

Delta R.T. 0.000 min

Lab File: VX042036.D

Acq: 25 Jun 2024 16:44

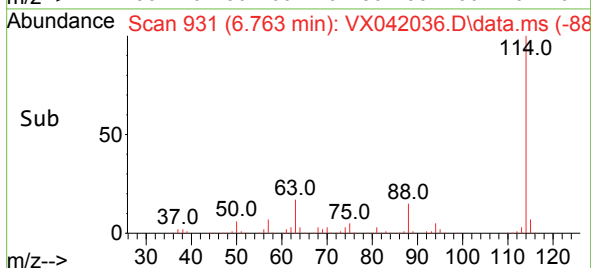
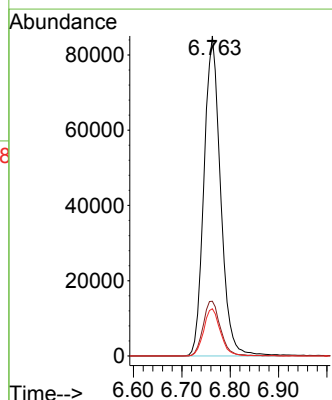
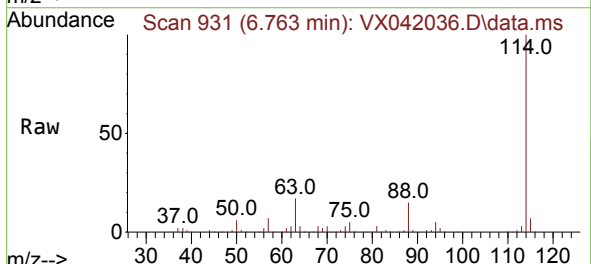
Tgt Ion: 114 Resp: 202843

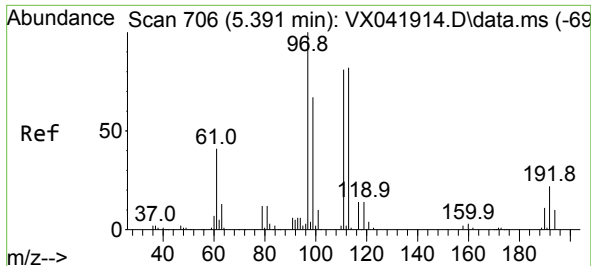
Ion Ratio Lower Upper

114 100

63 17.1 0.0 45.0

88 14.7 0.0 36.6

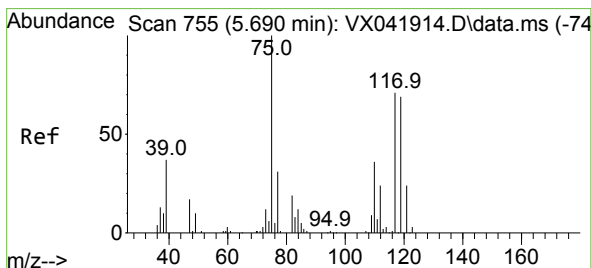
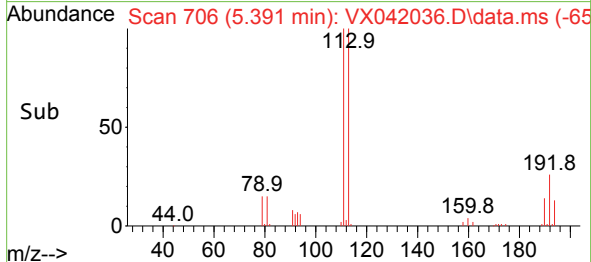
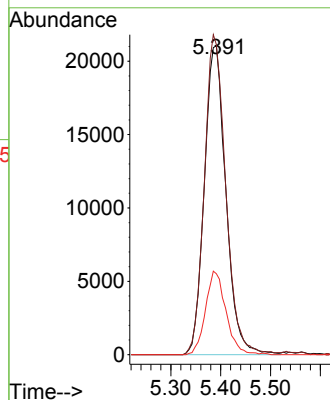
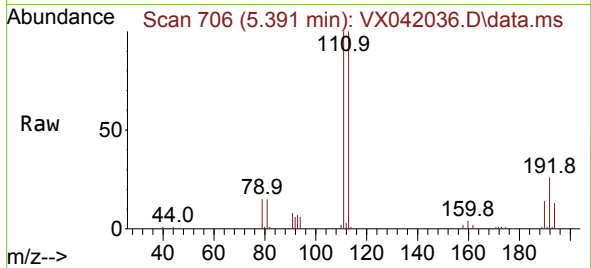




#35
Dibromofluoromethane
Concen: 44.008 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

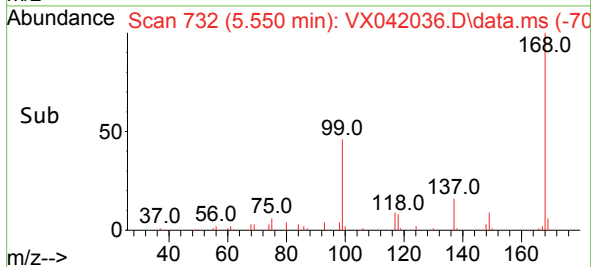
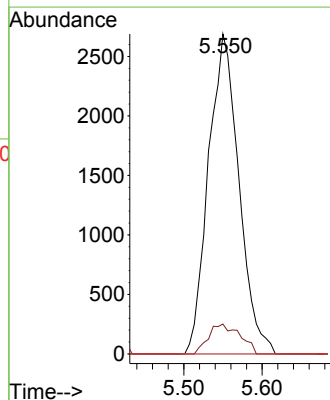
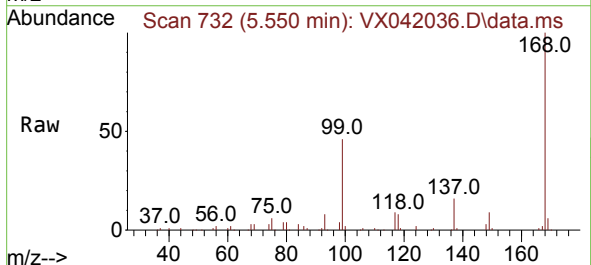
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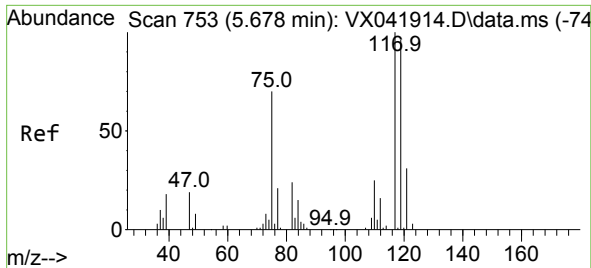
Tgt Ion:113 Resp: 63340
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 25.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

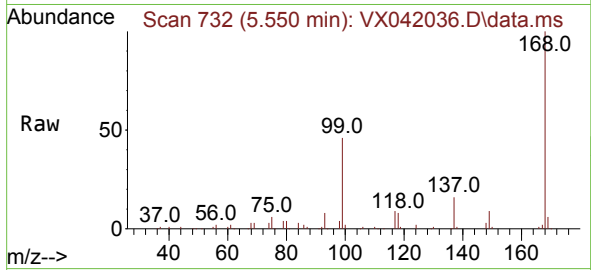
Tgt Ion: 75 Resp: 7267
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



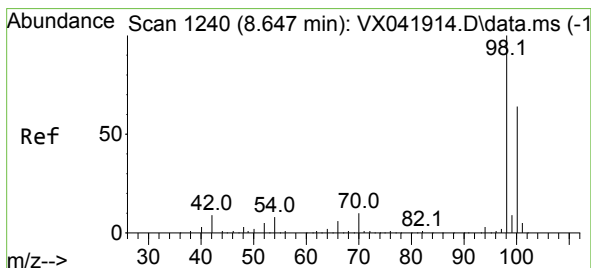
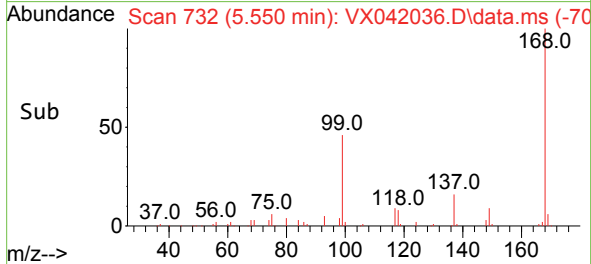
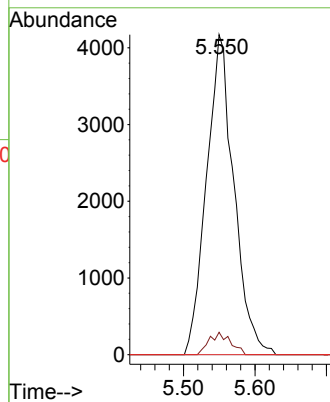


#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-DUP-20240620

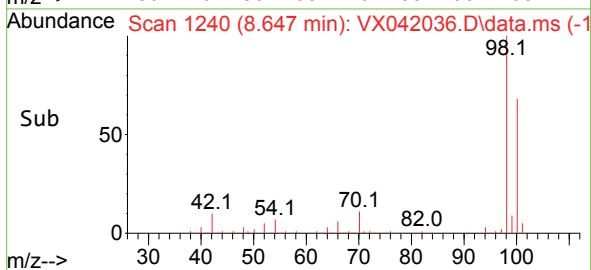
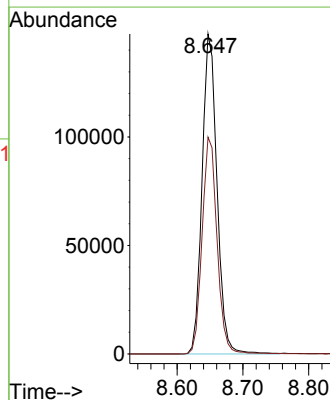
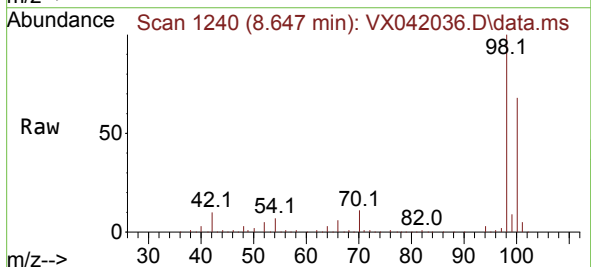


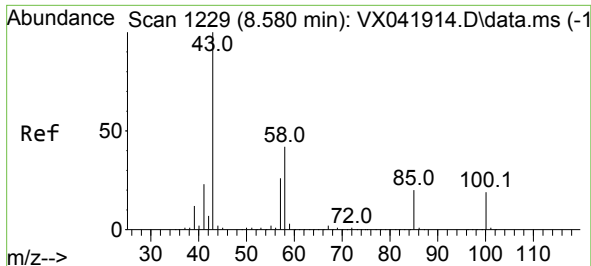
Tgt Ion:117 Resp: 11081
Ion Ratio Lower Upper
117 100
119 7.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.049 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

Tgt Ion: 98 Resp: 232834
Ion Ratio Lower Upper
98 100
100 68.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.445 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX042036.D

Acq: 25 Jun 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

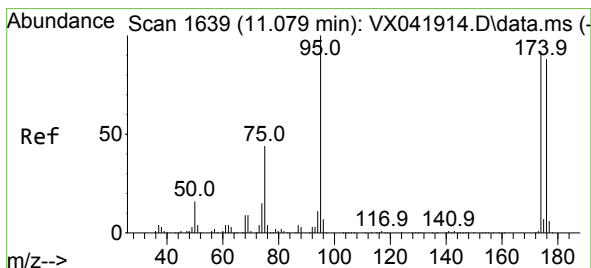
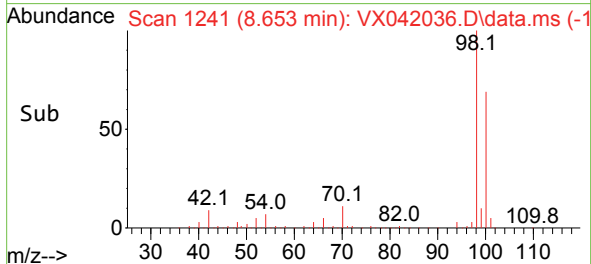
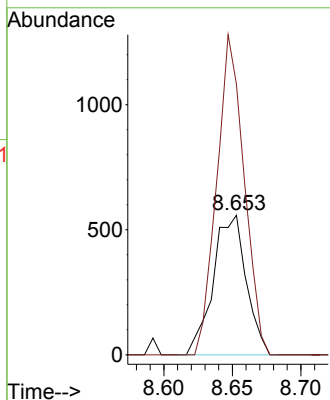
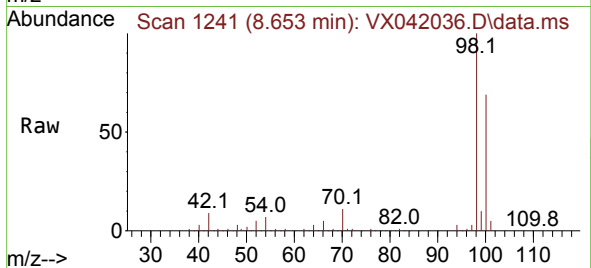
BP-VPB-196-DUP-20240620

Tgt Ion: 43 Resp: 936

Ion Ratio Lower Upper

43 100

58 190.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 46.052 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042036.D

Acq: 25 Jun 2024 16:44

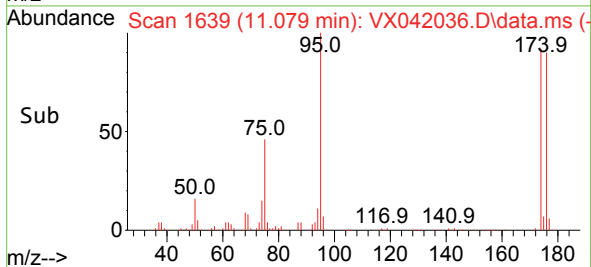
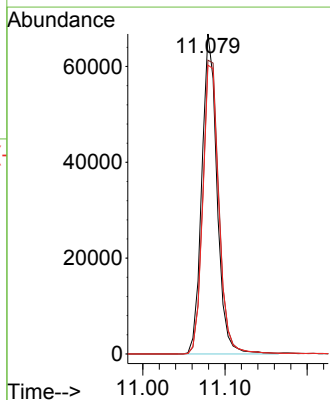
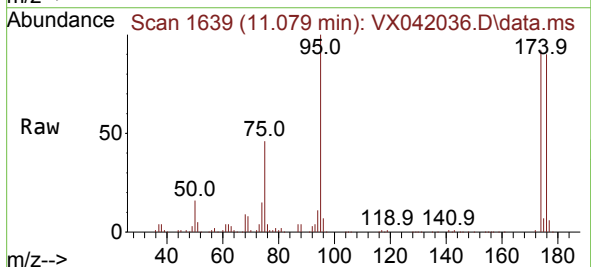
Tgt Ion: 95 Resp: 85834

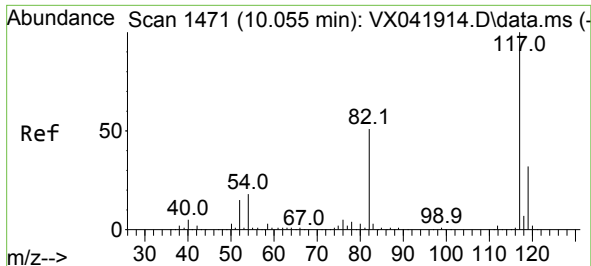
Ion Ratio Lower Upper

95 100

174 97.4 0.0 135.6

176 95.4 0.0 131.0

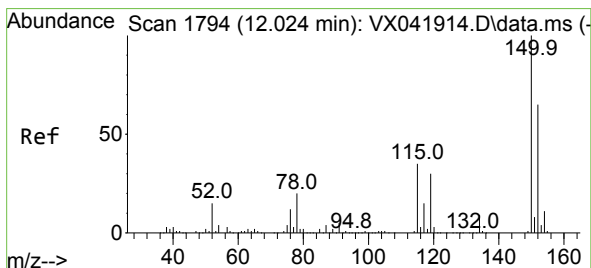
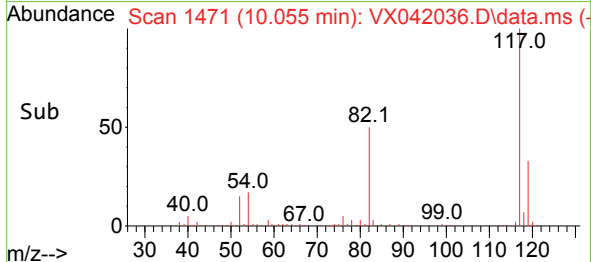
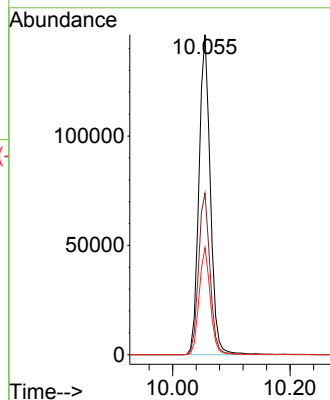
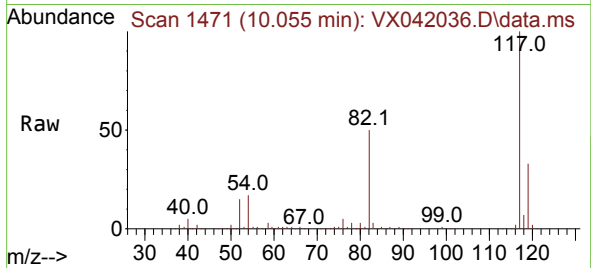




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

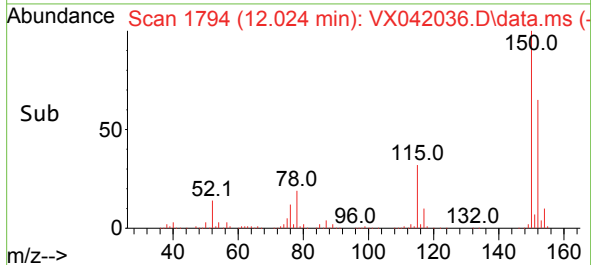
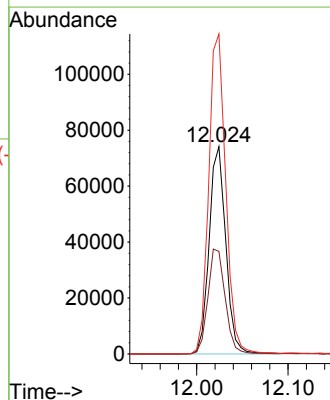
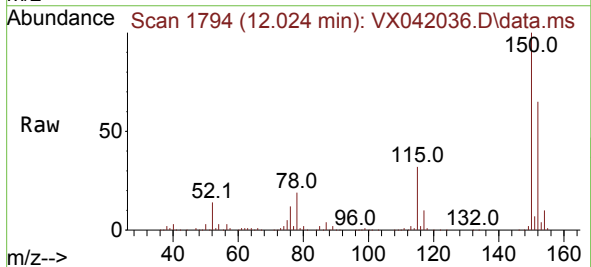
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-DUP-20240620

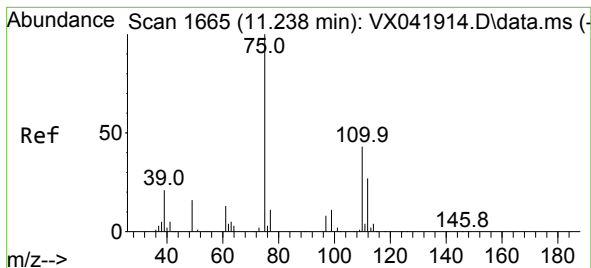
Tgt Ion:117 Resp: 196811
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 33.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

Tgt Ion:152 Resp: 93806
Ion Ratio Lower Upper
152 100
115 52.8 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.055 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042036.D

Acq: 25 Jun 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

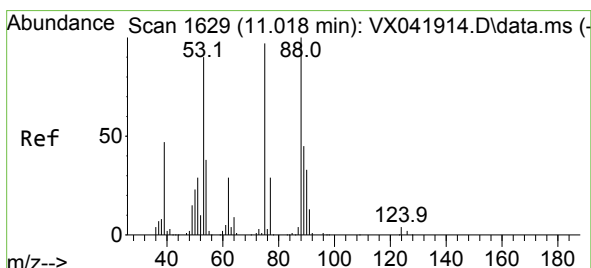
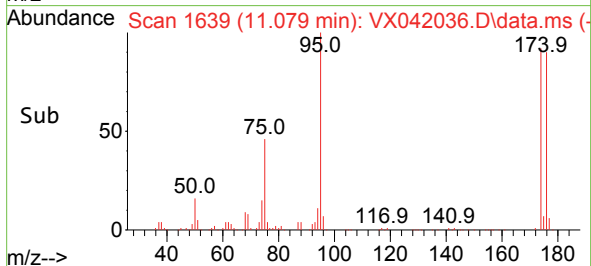
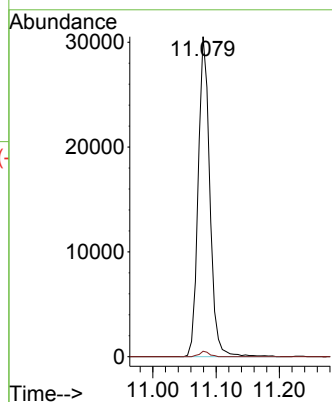
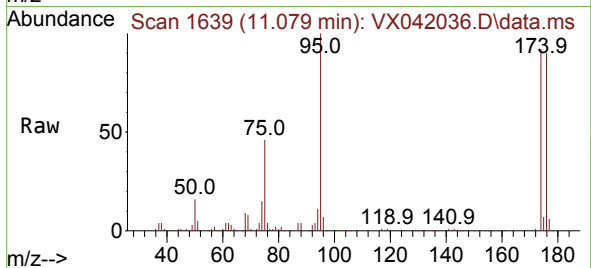
BP-VPB-196-DUP-20240620

Tgt Ion: 75 Resp: 39261

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.473 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042036.D

Acq: 25 Jun 2024 16:44

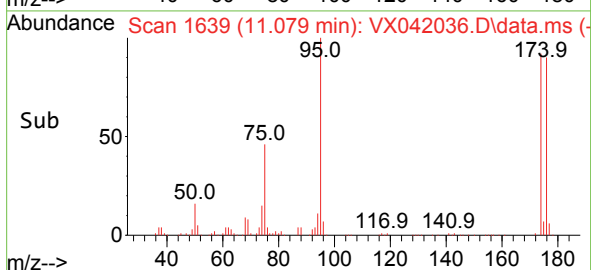
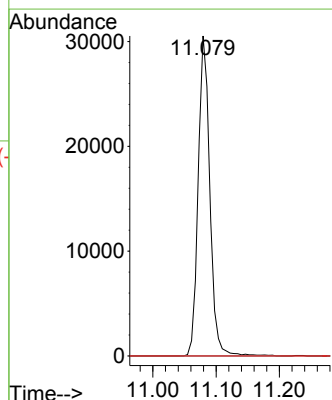
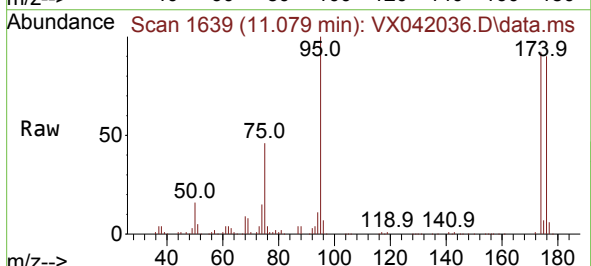
Tgt Ion: 75 Resp: 39261

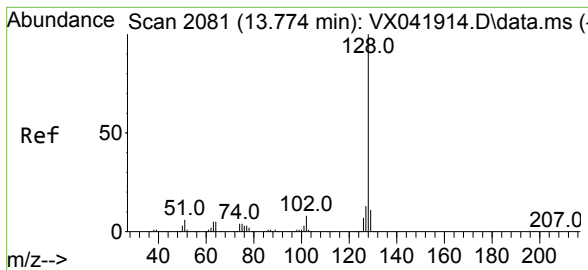
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

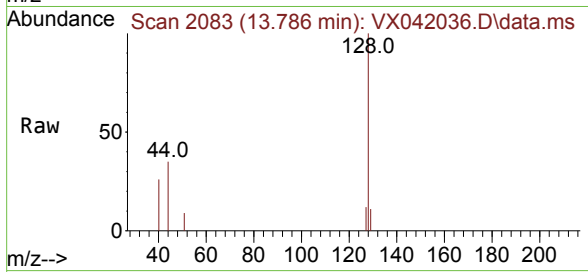
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.954 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042036.D
Acq: 25 Jun 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-DUP-20240620



Tgt Ion:	128	Resp:	1408
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.3	15.5
129	4.0	8.8	13.2#

