

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041979.D
 Acq On : 21 Jun 2024 14:24
 Operator : JC/MD
 Sample : P3003-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-EB-20240619

Quant Time: Jun 22 04:41:53 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)

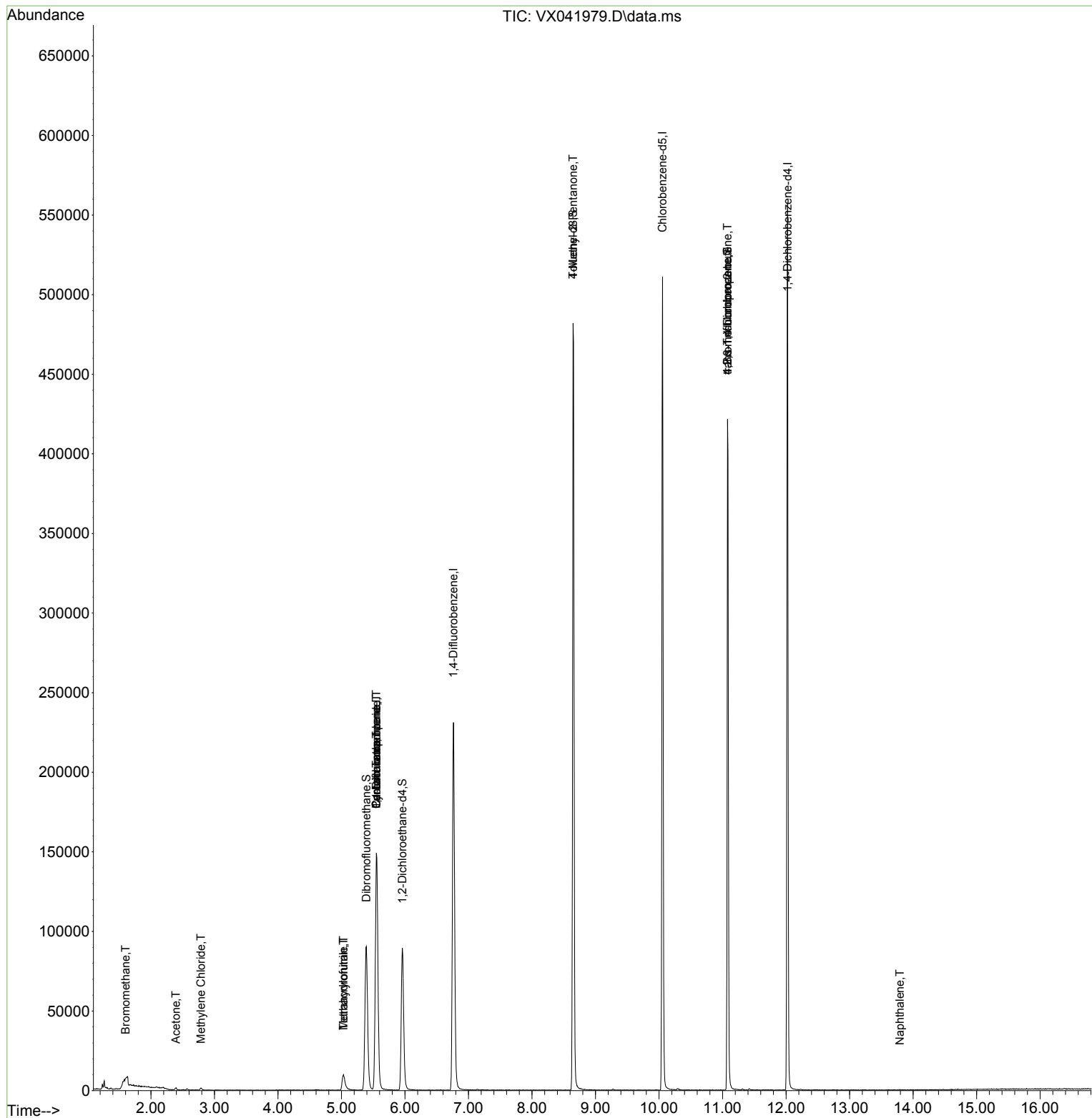
Internal Standards						
1) Pentafluorobenzene	5.550	168	163252	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	255051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86301	45.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.680%
35) Dibromofluoromethane	5.391	113	81416	44.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.980%
50) Toluene-d8	8.647	98	302258	47.542	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	114323	48.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	253	0.328	ug/l	86
6) Chloroethane	1.673	64	201	Below Cal	#	43
16) Acetone	2.392	43	1324	1.602	ug/l	# 84
20) Methylene Chloride	2.788	84	781	0.431	ug/l	96
29) Tetrahydrofuran	5.032	42	10171	12.246	ug/l	97
31) Cyclohexane	5.550	56	2368	1.076	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9386	4.884	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	13438	6.329	ug/l	# 15
41) Methacrylonitrile	5.032	41	5728	4.221	ug/l	# 47
51) 4-Methyl-2-Pentanone	8.647	43	1006	0.380	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	52091	21.989	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52091	62.446	ug/l	# 5
95) Naphthalene	13.792	128	104	0.759	ug/l	# 69

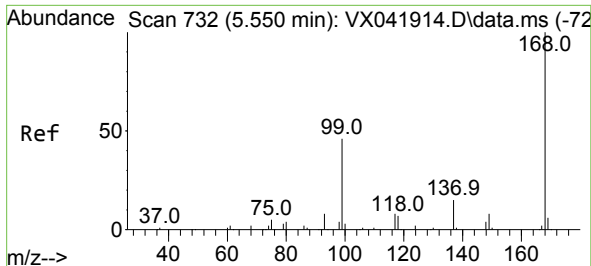
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
Data File : VX041979.D
Acq On : 21 Jun 2024 14:24
Operator : JC/MD
Sample : P3003-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

Quant Time: Jun 22 04:41:53 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

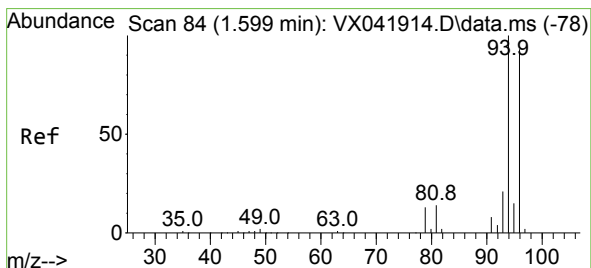
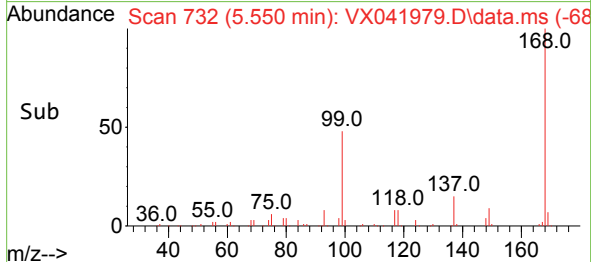
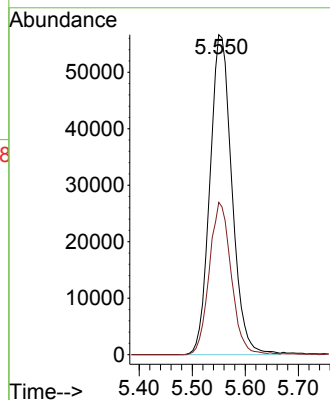
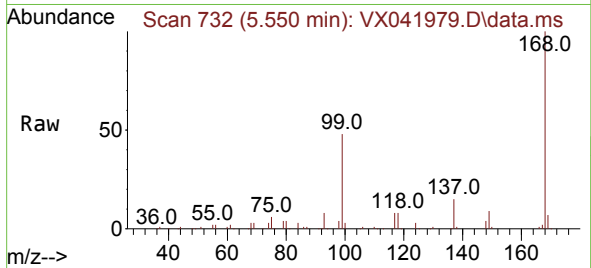




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

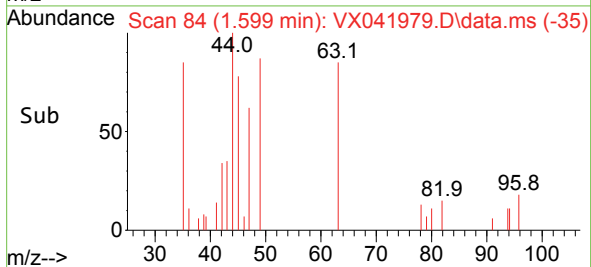
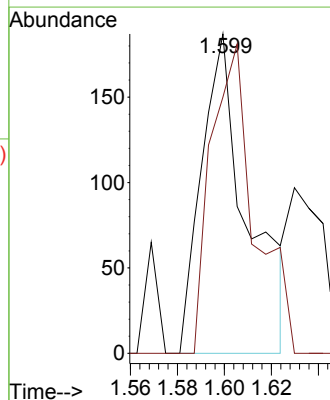
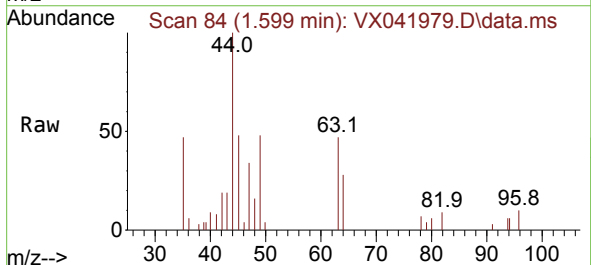
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

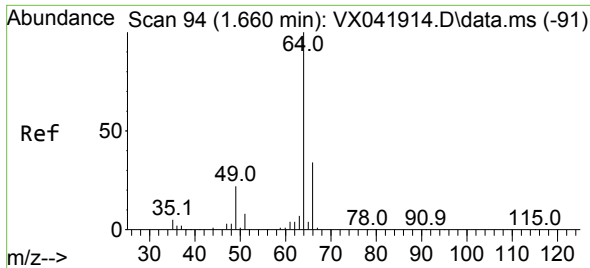
Tgt Ion:168 Resp: 163252
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#5
Bromomethane
Concen: 0.328 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion: 94 Resp: 253
Ion Ratio Lower Upper
94 100
96 80.2 74.6 111.8

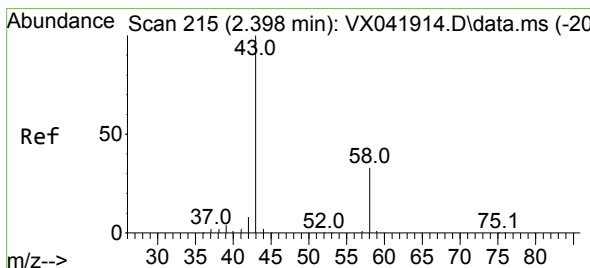
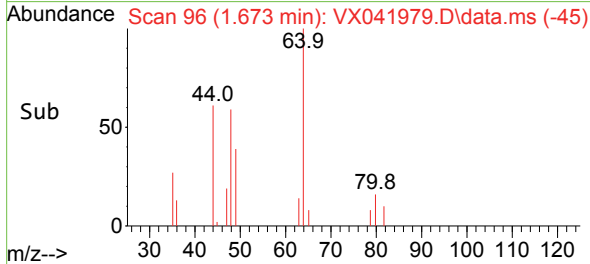
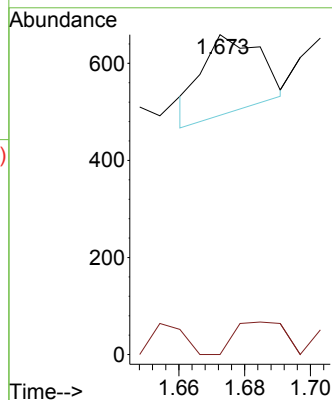
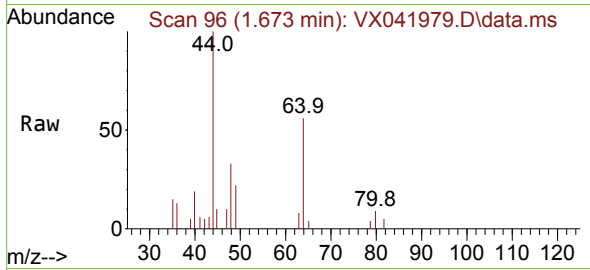




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 90
Delta R.T. 0.013 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

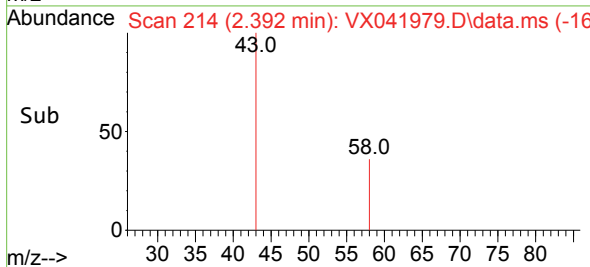
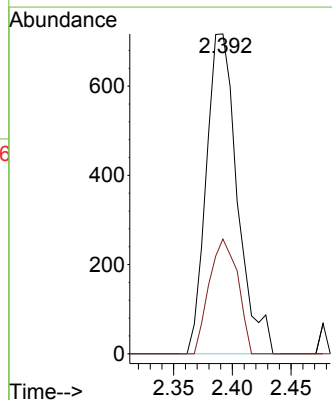
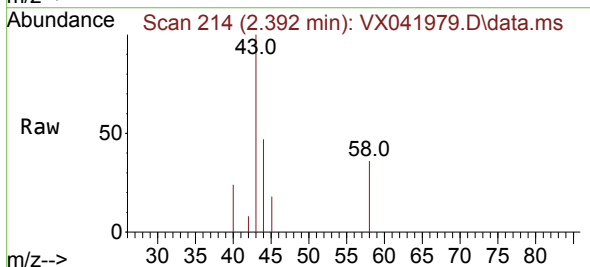
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

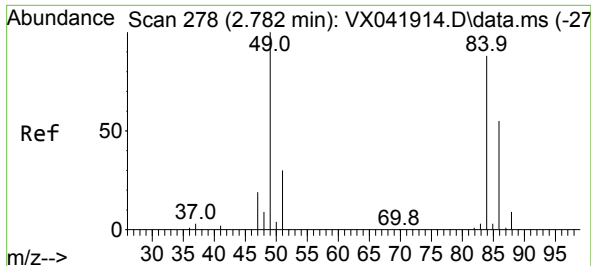
Tgt Ion: 64 Resp: 201
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.602 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

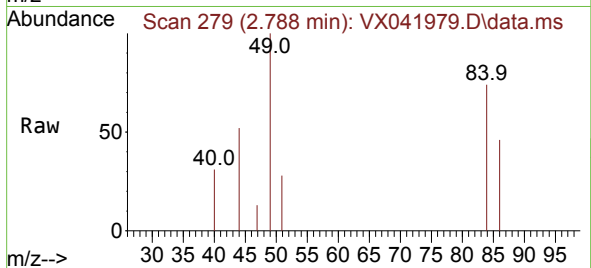
Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#



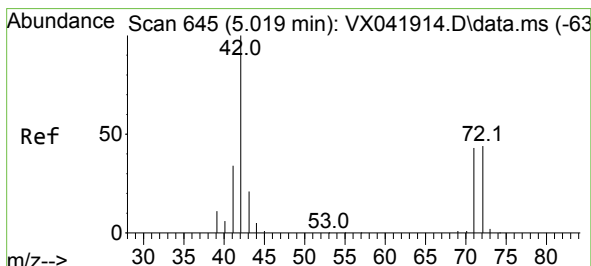
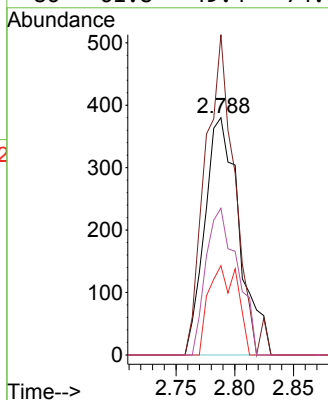
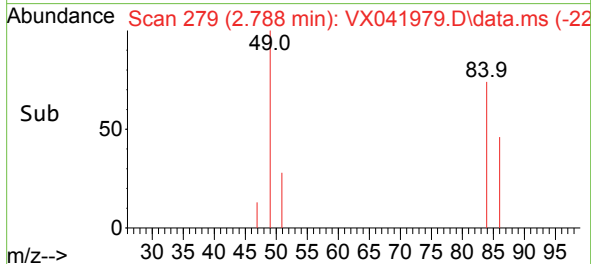


#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

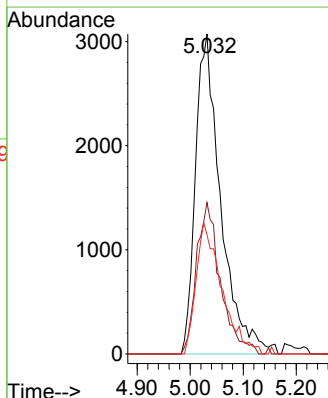
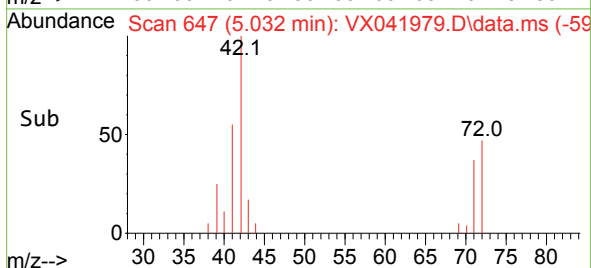
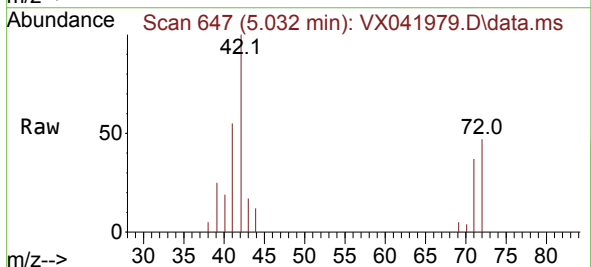


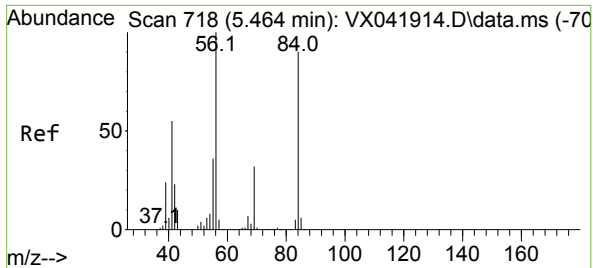
Tgt Ion:	84	Resp:	781
Ion	Ratio	Lower	Upper
84	100		
49	135.0	103.6	155.4
51	37.6	33.8	50.6
86	61.8	49.4	74.0



#29
Tetrahydrofuran
Concen: 12.246 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

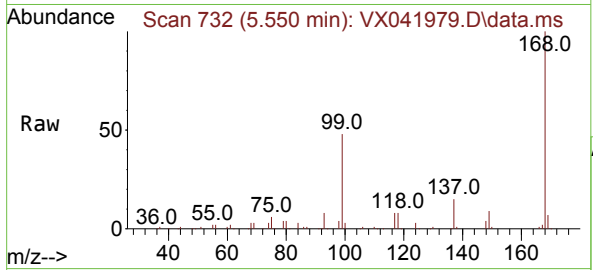
Tgt Ion:	42	Resp:	10171
Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.4
71	41.6	32.2	48.2



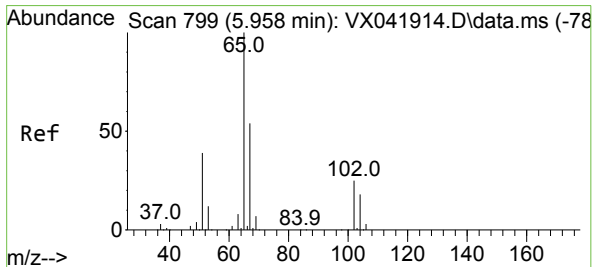
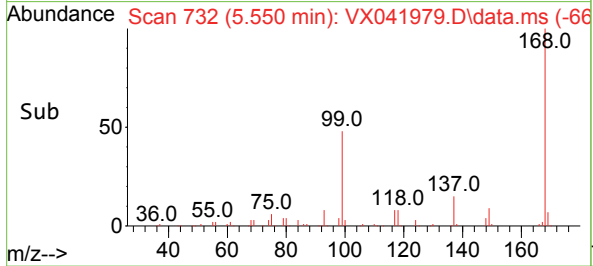
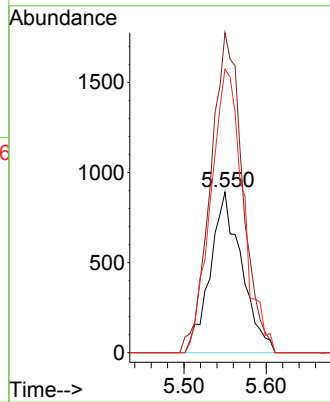


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

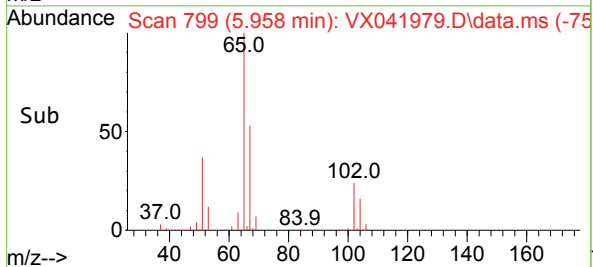
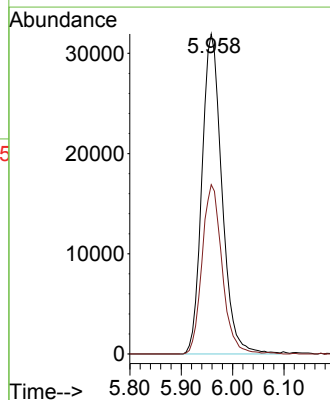
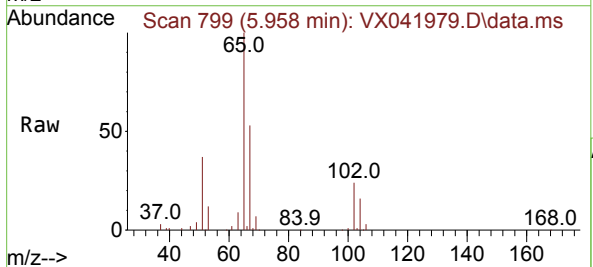


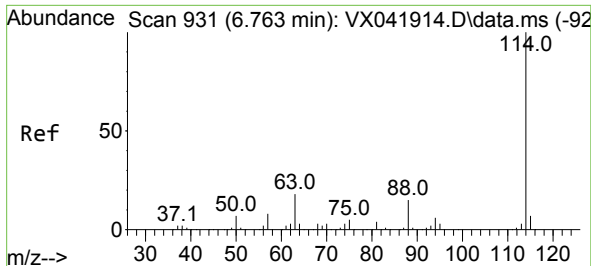
Tgt Ion: 56 Resp: 2368
Ion Ratio Lower Upper
56 100
69 199.1 23.4 35.2#
84 176.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.844 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion: 65 Resp: 86301
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

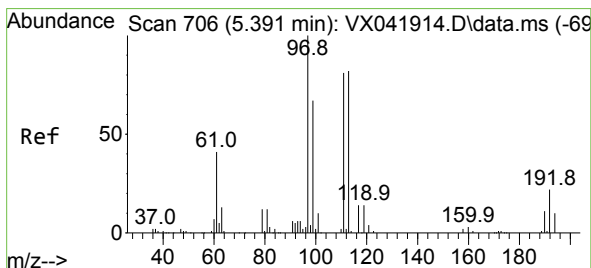
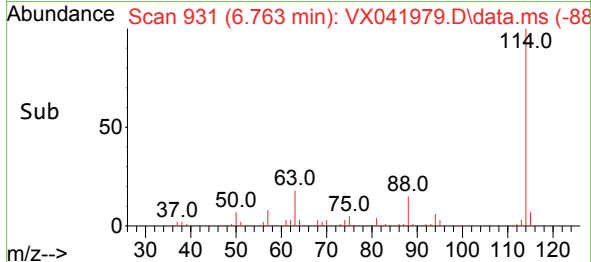
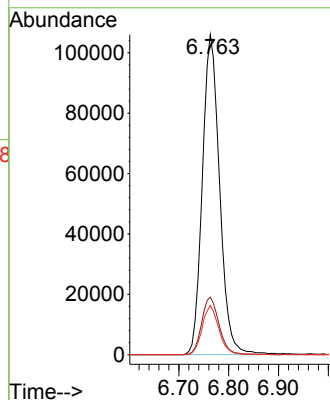
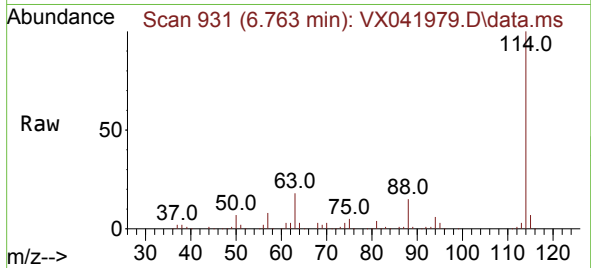




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

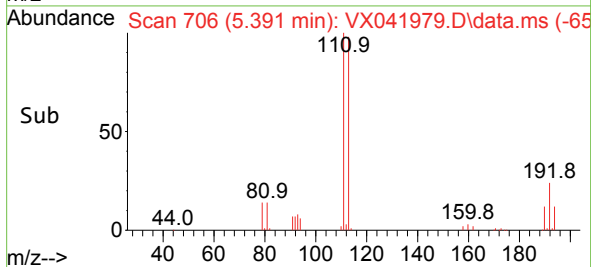
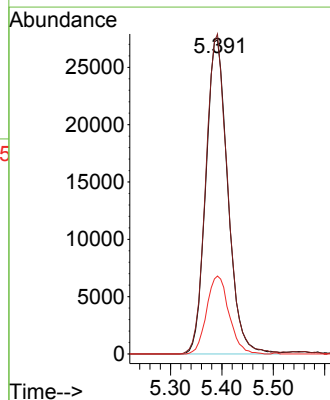
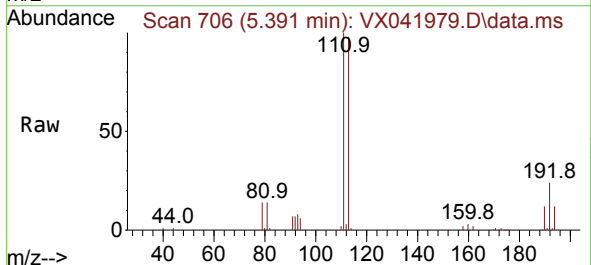
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

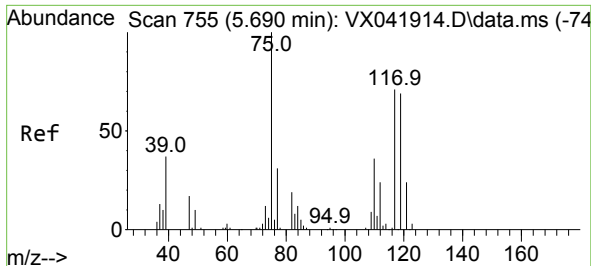
Tgt Ion:114 Resp: 255051
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.988 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion:113 Resp: 81416
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 25.2 13.3 19.9#

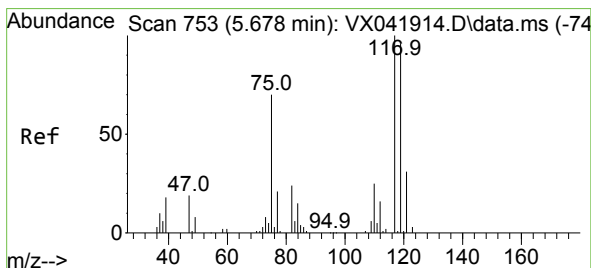
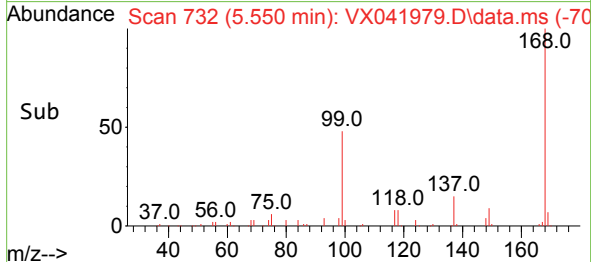
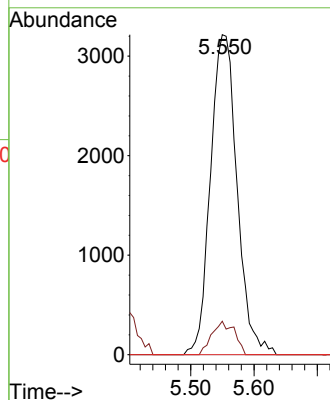
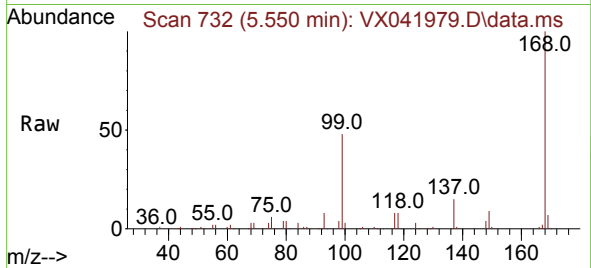




#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

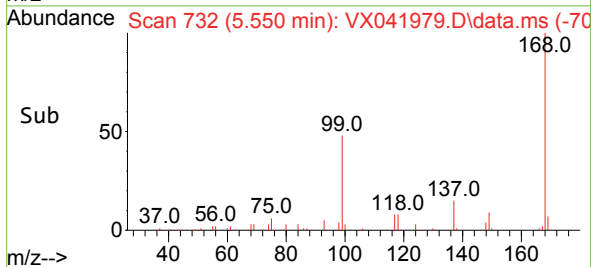
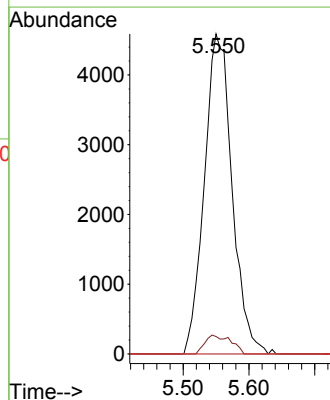
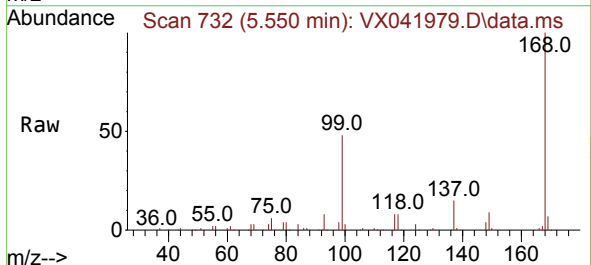
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

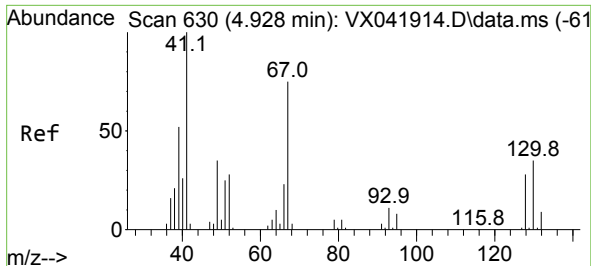
Tgt Ion: 75 Resp: 9386
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion: 117 Resp: 13438
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

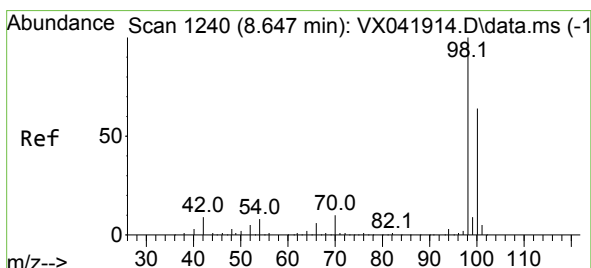
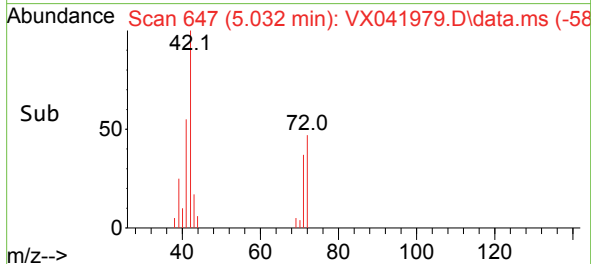
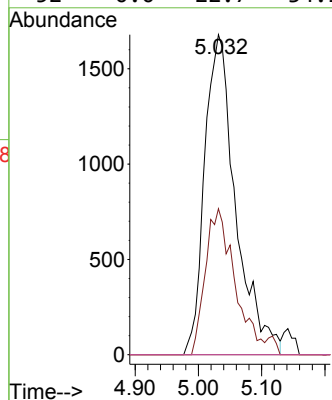
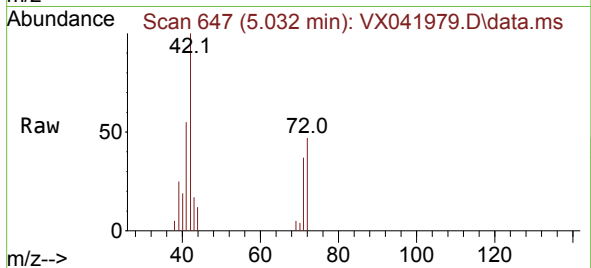




#41
Methacrylonitrile
Concen: 4.221 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

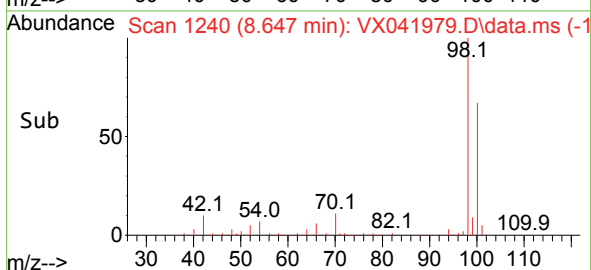
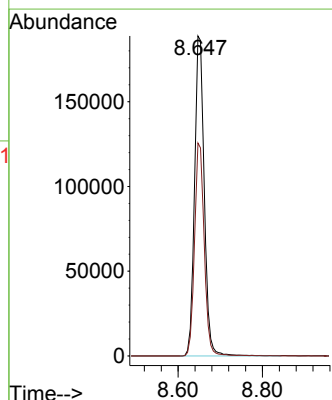
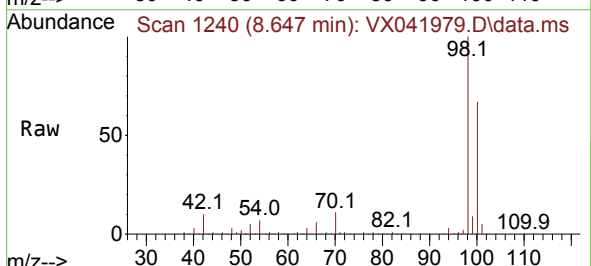
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

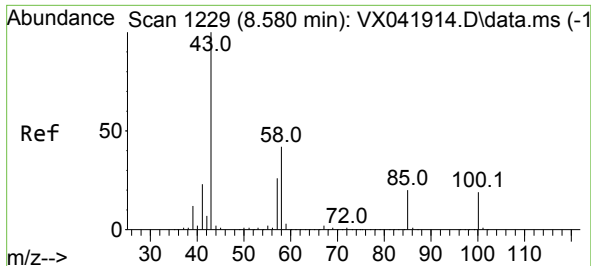
Tgt Ion:	41	Resp:	5728
Ion	Ratio	Lower	Upper
41	100		
39	43.3	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#50
Toluene-d8
Concen: 47.542 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion:	98	Resp:	302258
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7

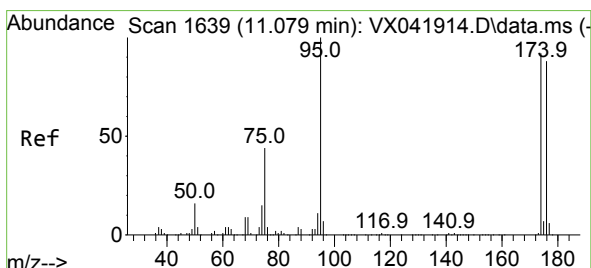
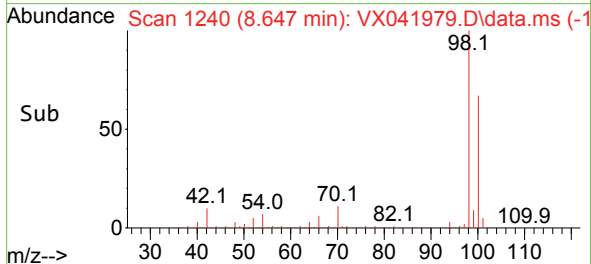
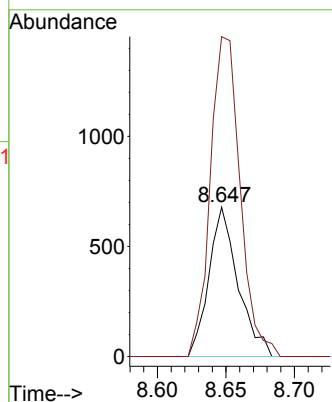
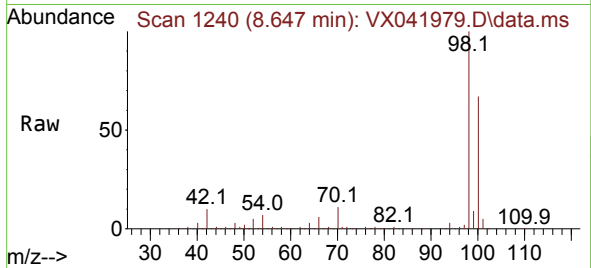




#51
4-Methyl-2-Pentanone
Concen: 0.380 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

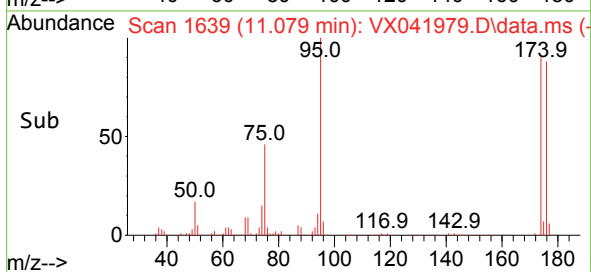
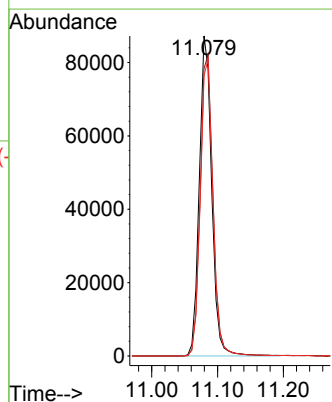
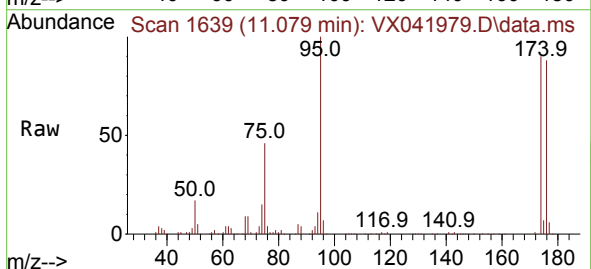
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

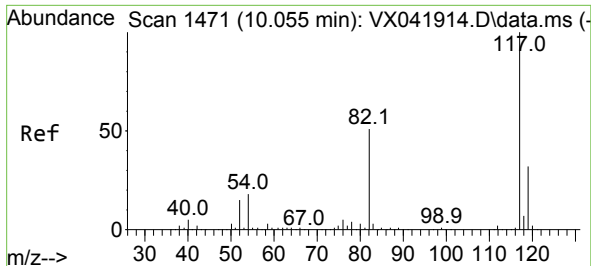
Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 219.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion: 95 Resp: 114323
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 94.6 0.0 131.0

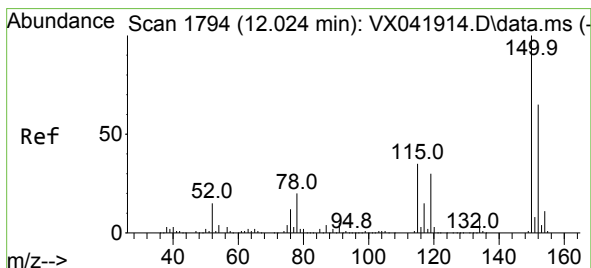
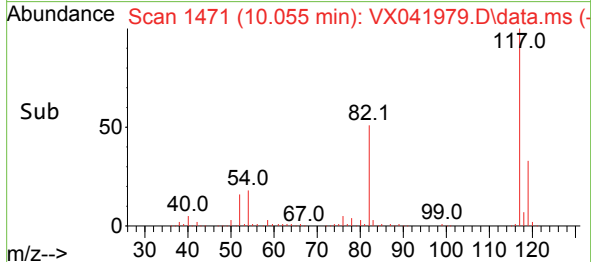
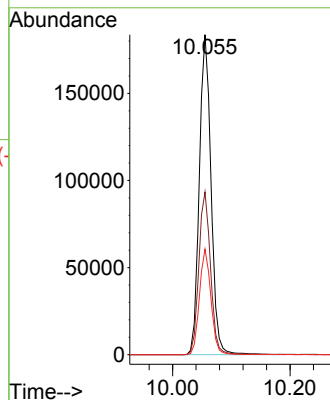
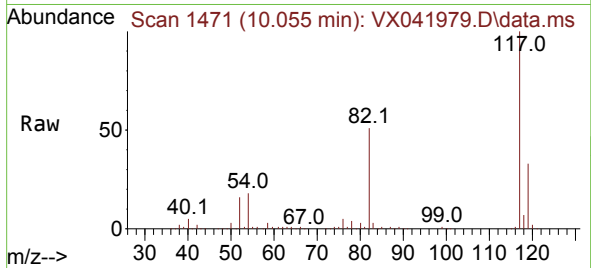




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

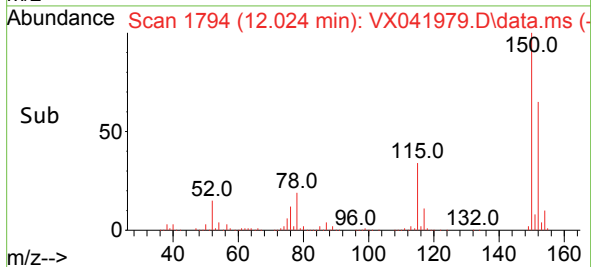
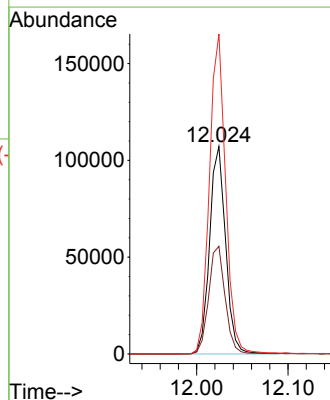
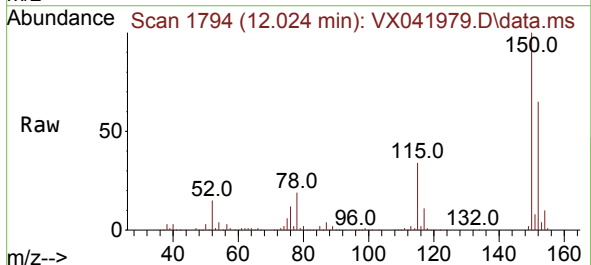
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

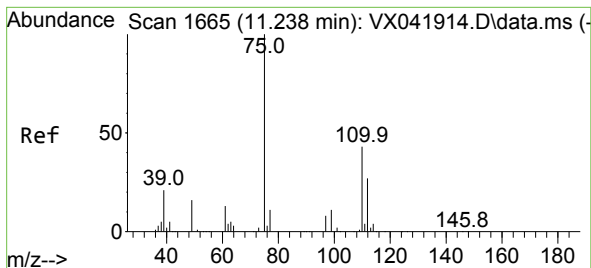
Tgt Ion:117 Resp: 255123
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion:152 Resp: 130493
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.989 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041979.D

Acq: 21 Jun 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

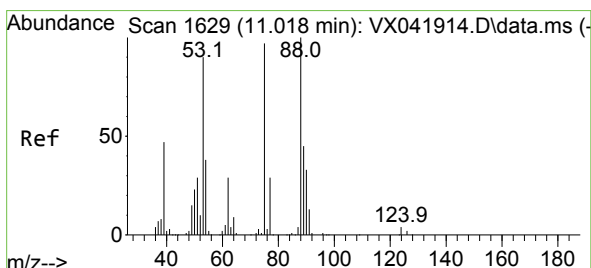
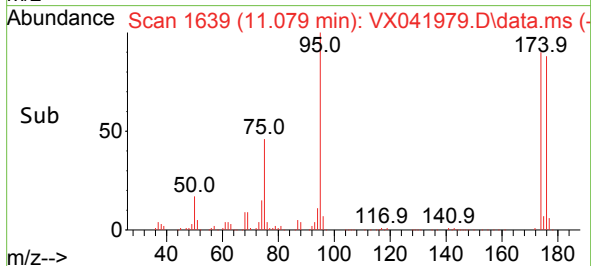
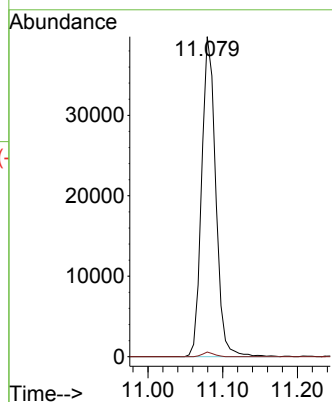
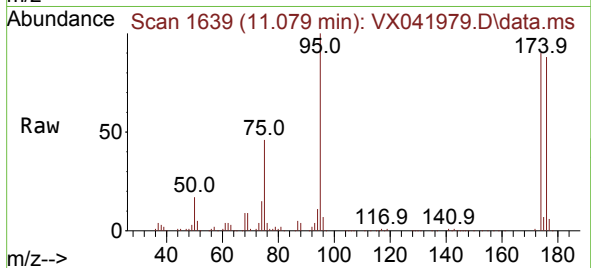
BP-VPB-189-EB-20240619

Tgt Ion: 75 Resp: 52091

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.446 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041979.D

Acq: 21 Jun 2024 14:24

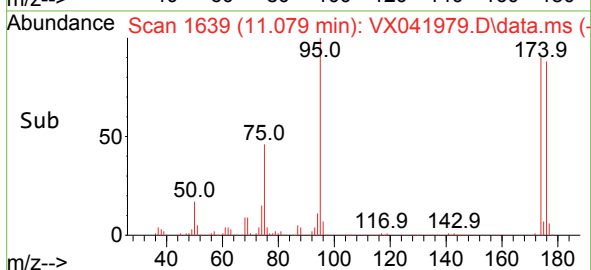
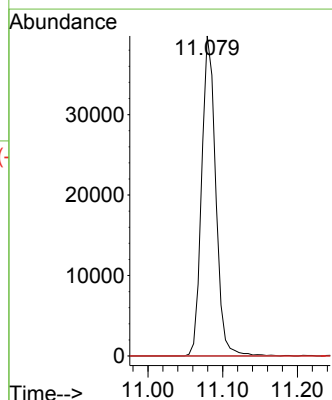
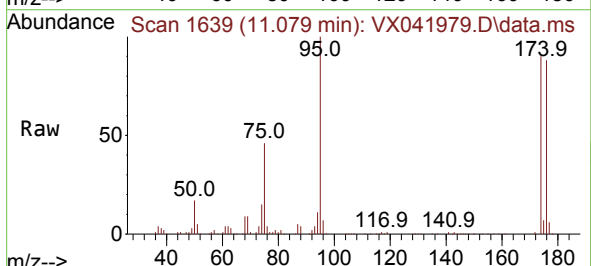
Tgt Ion: 75 Resp: 52091

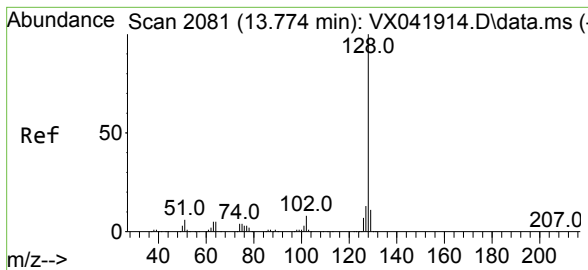
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

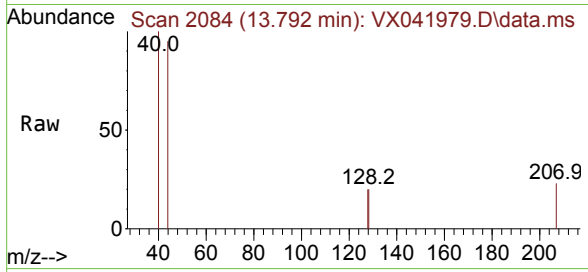
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.759 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619



Tgt Ion:	128	Resp:	104
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

