

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042001.D
 Acq On : 24 Jun 2024 13:51
 Operator : JC/MD
 Sample : P2927-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-498-500DL

Quant Time: Jun 25 06:13:59 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)

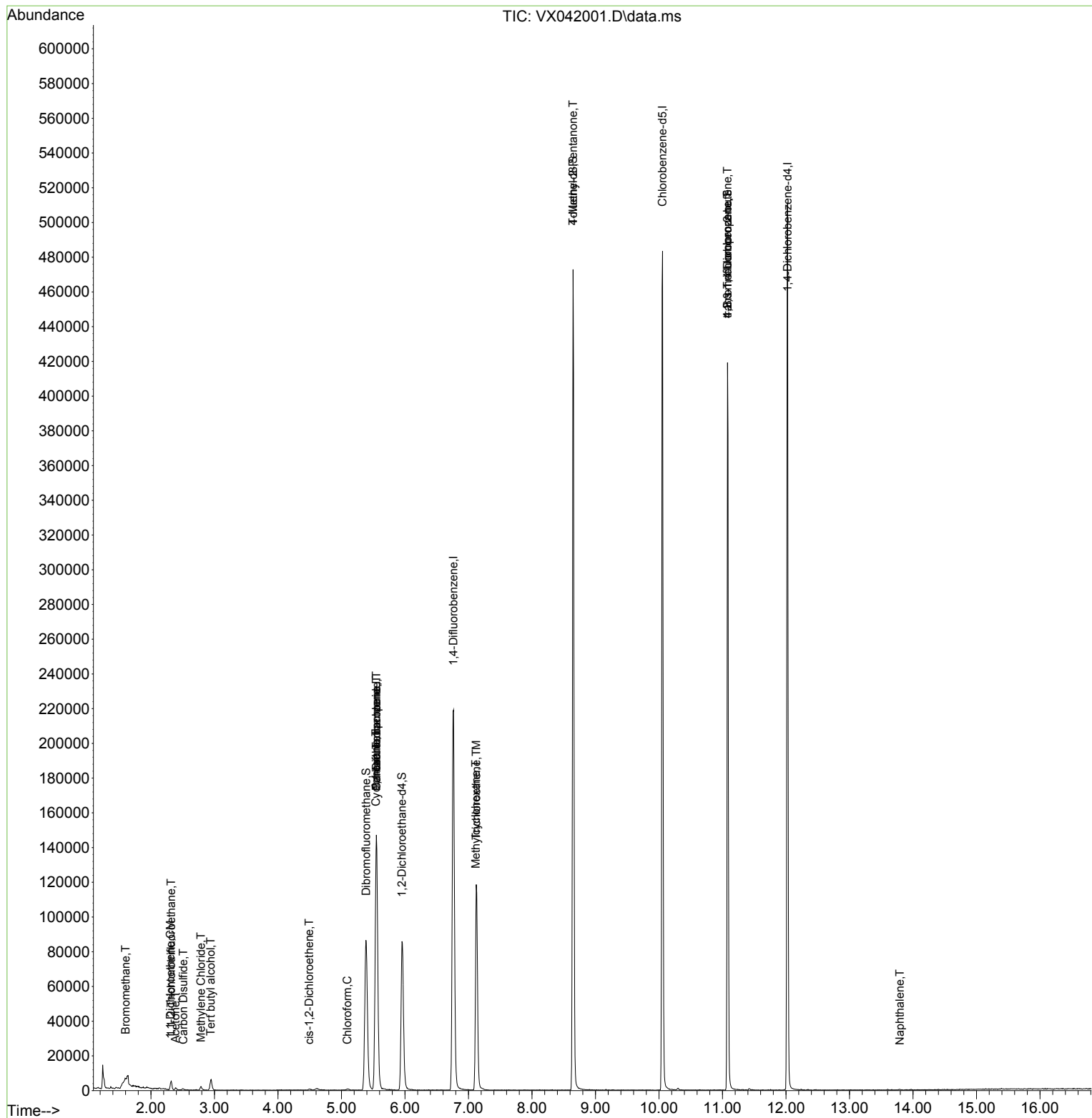
Internal Standards						
1) Pentafluorobenzene	5.550	168	161466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	247324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81503	43.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.385	113	77689	44.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.540%
50) Toluene-d8	8.647	98	289949	47.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.060%
62) 4-Bromofluorobenzene	11.079	95	108796	47.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	413	0.541	ug/l	# 59
6) Chloroethane	1.654	64	238	Below Cal		# 43
9) 1,1,2-Trichlorotrifluo...	2.319	101	1791	1.283	ug/l	86
11) Tert butyl alcohol	2.941	59	3754	10.624	ug/l	# 78
12) 1,1-Dichloroethene	2.307	96	379	0.272	ug/l	# 76
16) Acetone	2.386	43	1373	1.679	ug/l	91
17) Carbon Disulfide	2.508	76	1204	0.424	ug/l	99
20) Methylene Chloride	2.788	84	1172	0.655	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	442	0.250	ug/l	84
30) Chloroform	5.093	83	949	0.348	ug/l	92
31) Cyclohexane	5.544	56	2402	1.103	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9543	5.121	ug/l	# 46
38) Carbon Tetrachloride	5.550	117	13333	6.476	ug/l	# 16
39) Methylcyclohexane	7.117	83	569	0.241	ug/l	# 1
44) Trichloroethene	7.123	130	52224	30.999	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	1038	0.404	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	50444	22.032	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	50444	62.570	ug/l	# 5
95) Naphthalene	13.792	128	469	0.799	ug/l	# 69

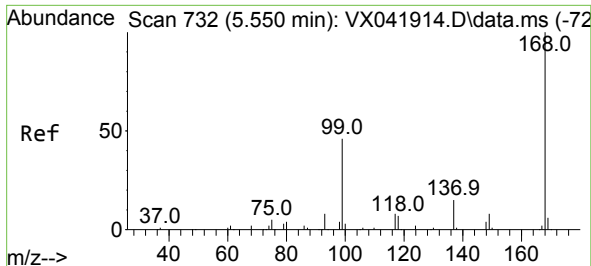
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 06:13:59 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

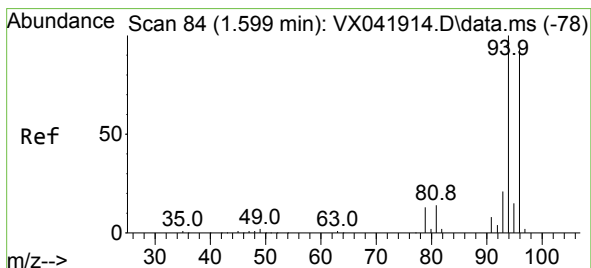
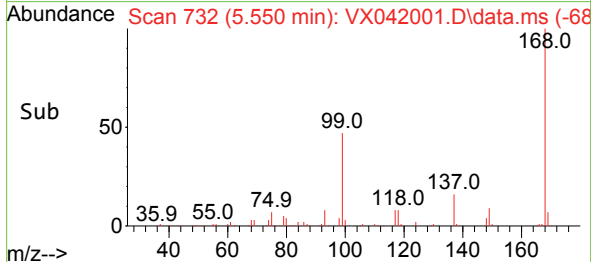
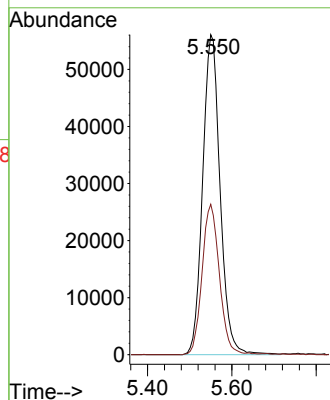
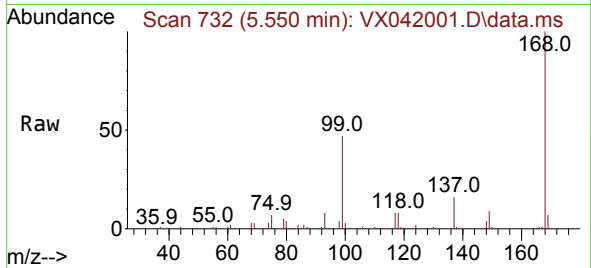




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

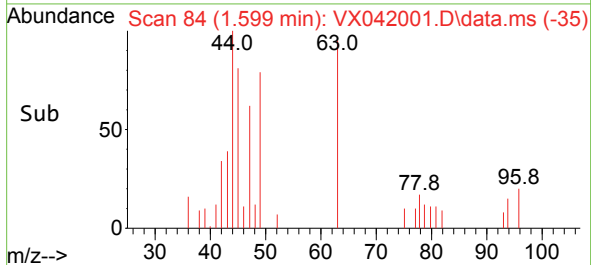
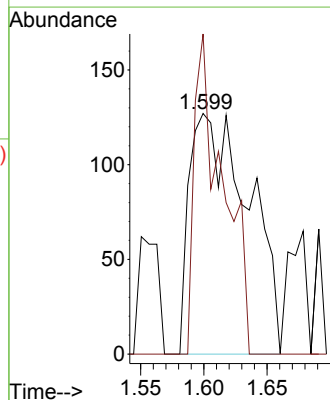
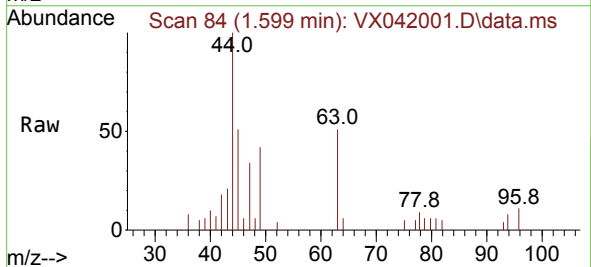
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

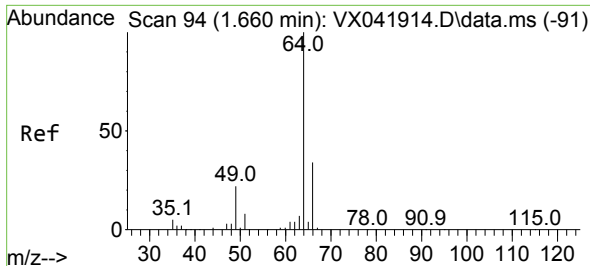
Tgt Ion:168 Resp: 161466
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#5
Bromomethane
Concen: 0.541 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 133.1 74.6 111.8#

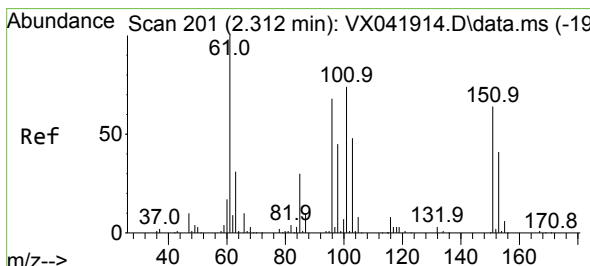
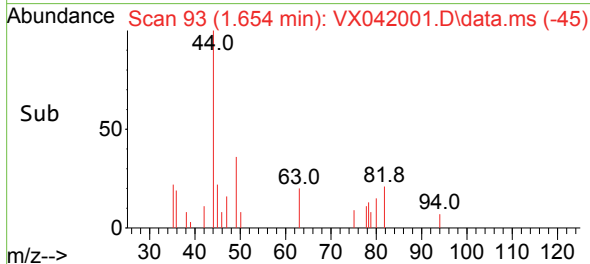
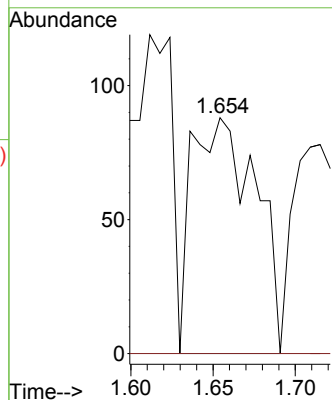
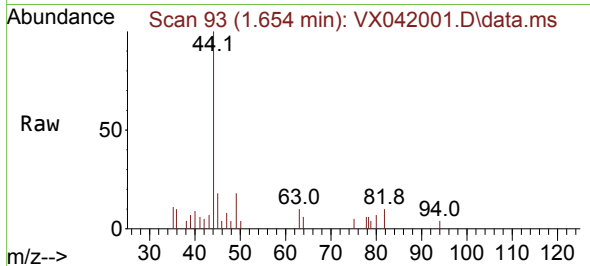




#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

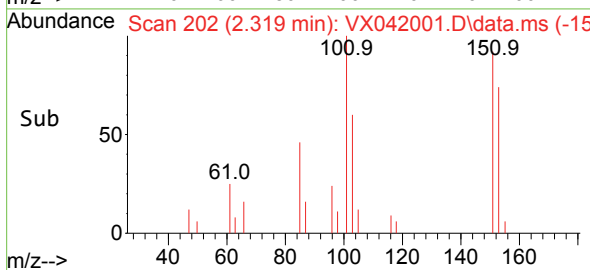
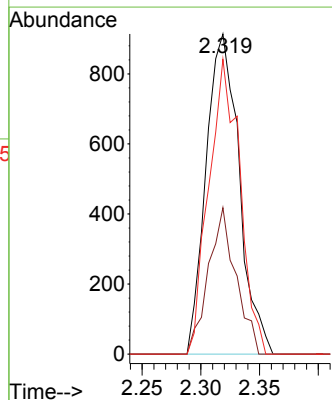
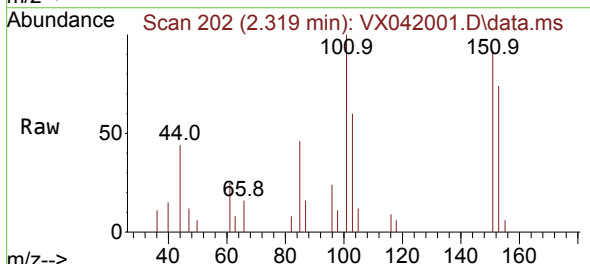
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

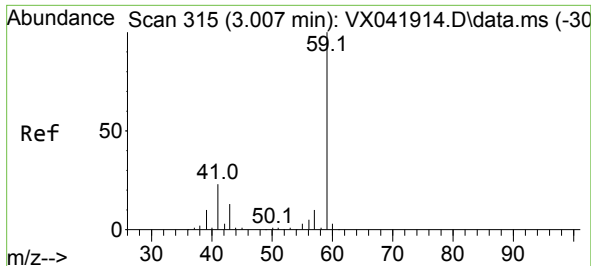
Tgt Ion: 64 Resp: 238
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.283 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 101 Resp: 1791
Ion Ratio Lower Upper
101 100
85 38.0 37.0 55.6
151 86.3 58.6 87.8

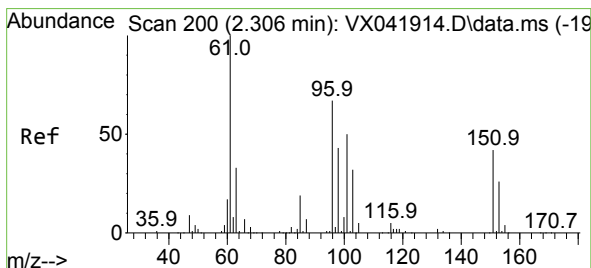
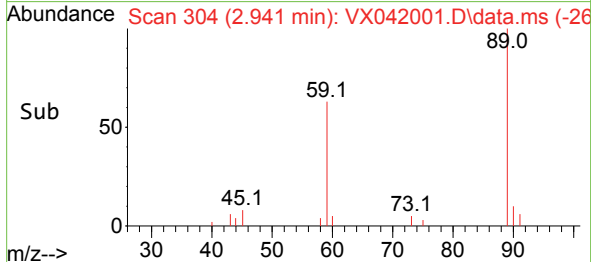
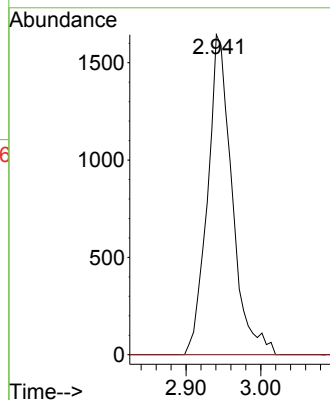
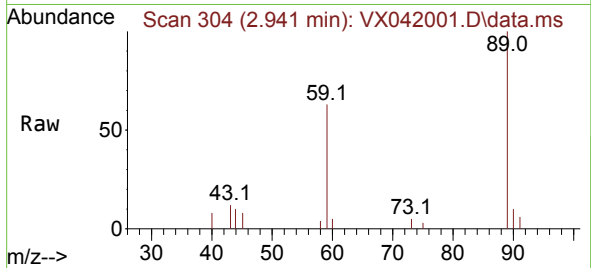




#11
Tert butyl alcohol
Concen: 10.624 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

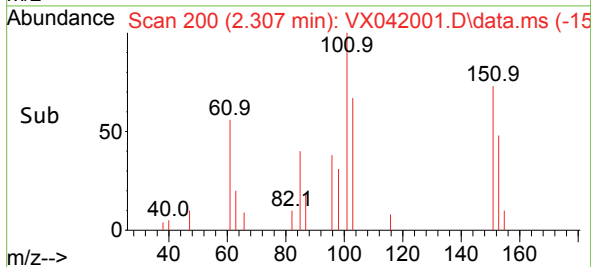
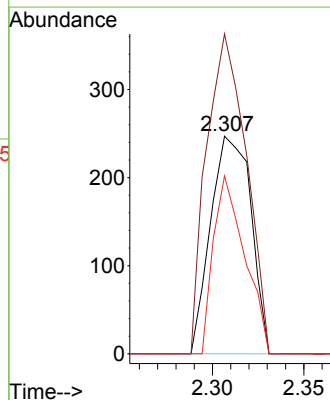
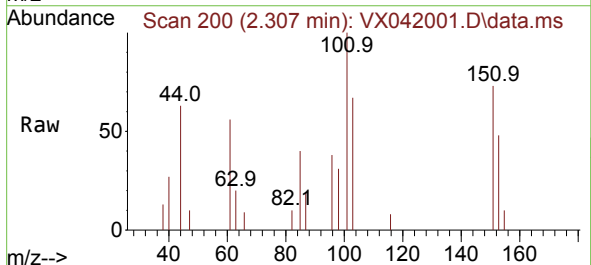
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

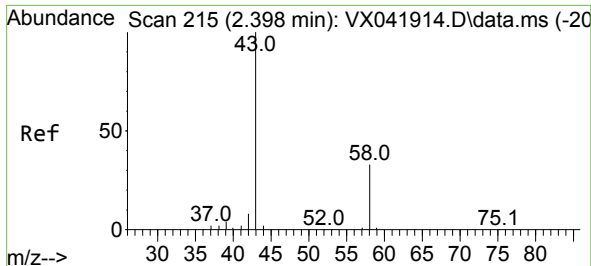
Tgt Ion: 59 Resp: 3754
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.272 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 96 Resp: 379
Ion Ratio Lower Upper
96 100
61 147.0 144.6 216.8
98 81.8 50.4 75.6#

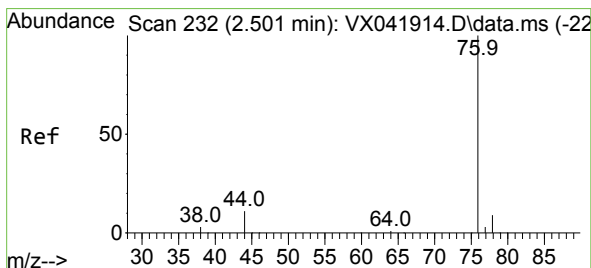
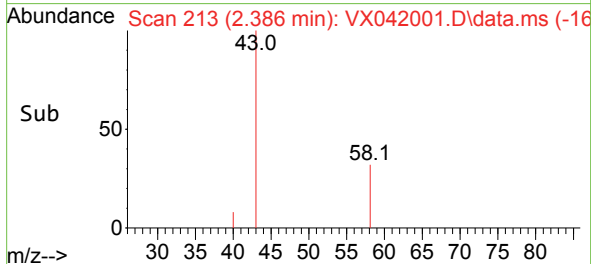
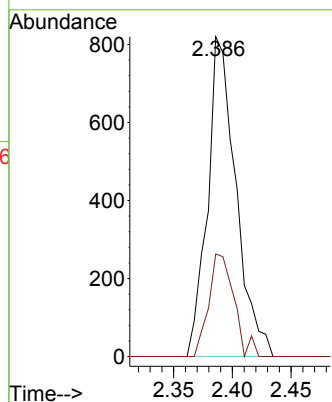
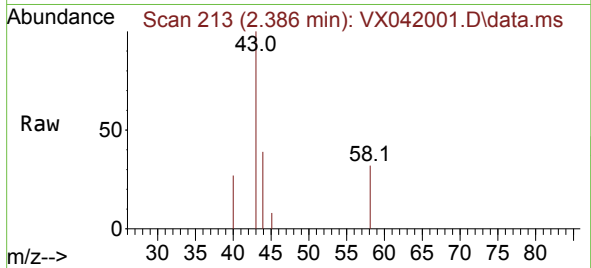




#16
Acetone
Concen: 1.679 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

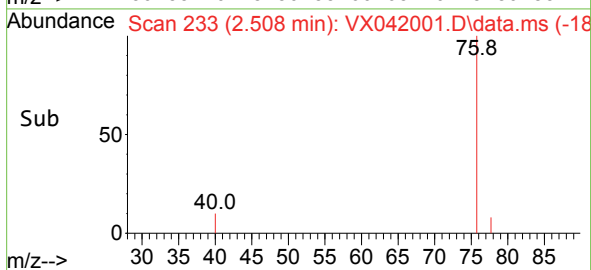
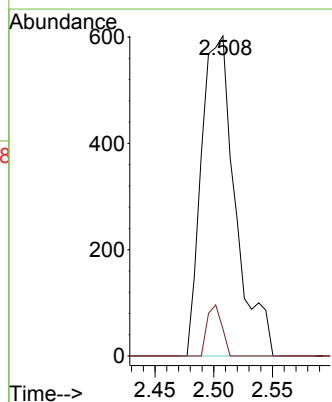
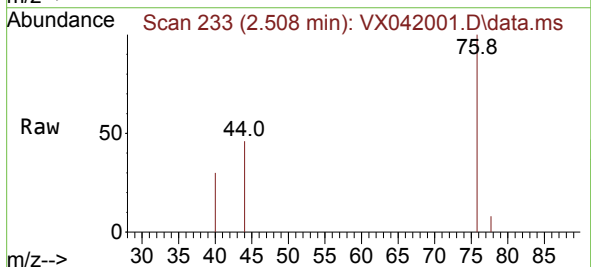
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

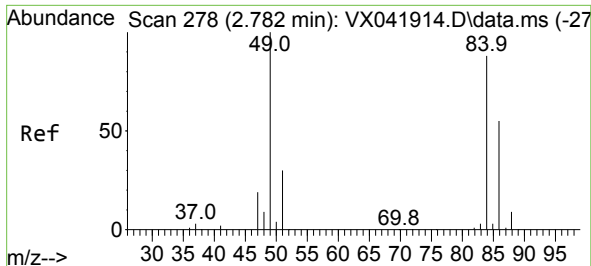
Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.424 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

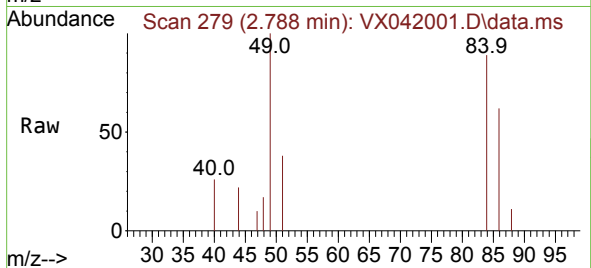
Tgt Ion: 76 Resp: 1204
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



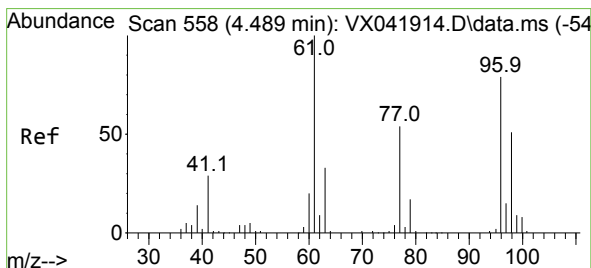
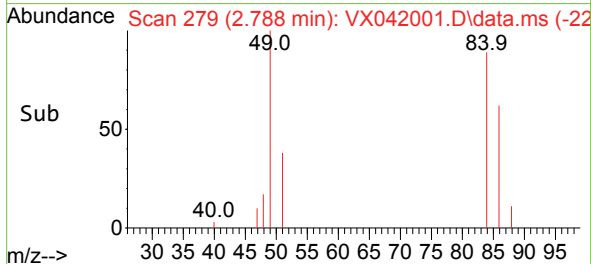
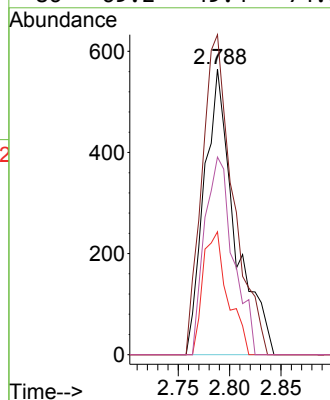


#20
Methylene Chloride
Concen: 0.655 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

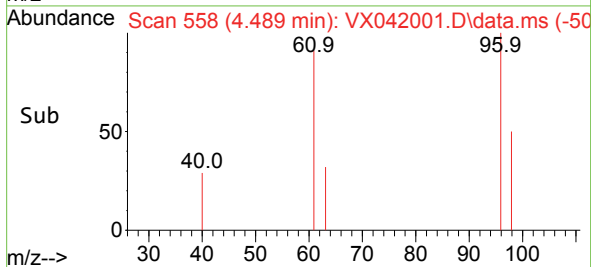
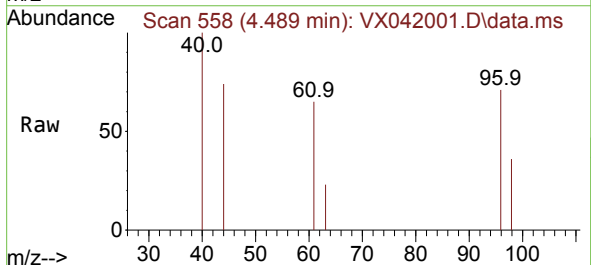
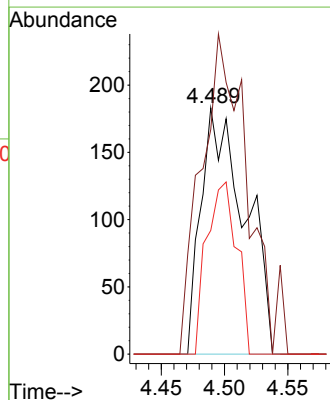


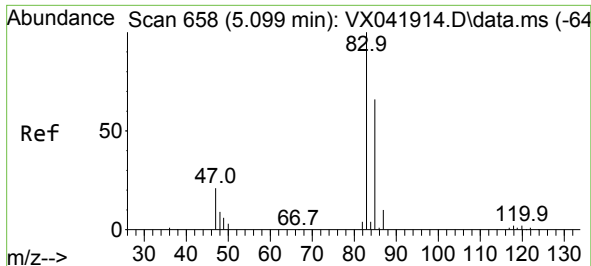
Tgt Ion: 84	Resp: 1172
Ion Ratio	Lower Upper
84 100	
49 112.0	103.6 155.4
51 43.0	33.8 50.6
86 69.2	49.4 74.0



#27
cis-1,2-Dichloroethene
Concen: 0.250 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 96	Resp: 442
Ion Ratio	Lower Upper
96 100	
61 137.6	0.0 312.2
98 48.0	0.0 129.0





#30

Chloroform

Concen: 0.348 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042001.D

Acq: 24 Jun 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

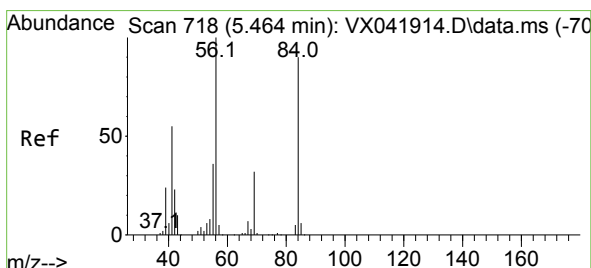
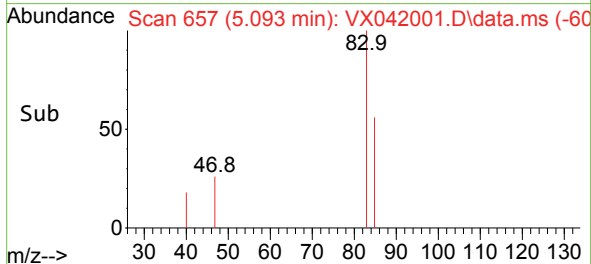
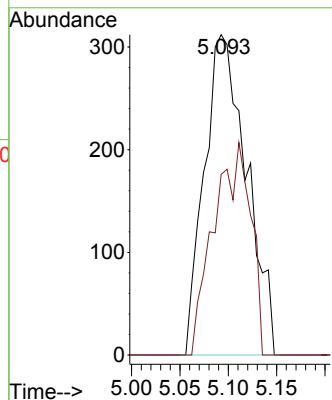
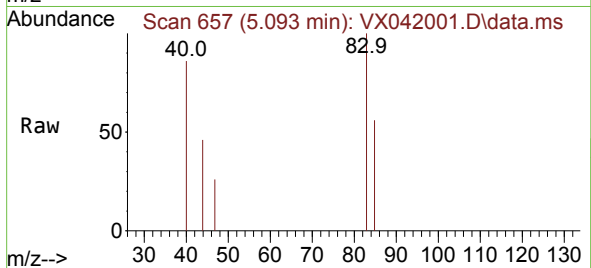
BP-VPB-189-GW-498-500DL

Tgt Ion: 83 Resp: 949

Ion Ratio Lower Upper

83 100

85 56.4 50.3 75.5



#31

Cyclohexane

Concen: 1.103 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX042001.D

Acq: 24 Jun 2024 13:51

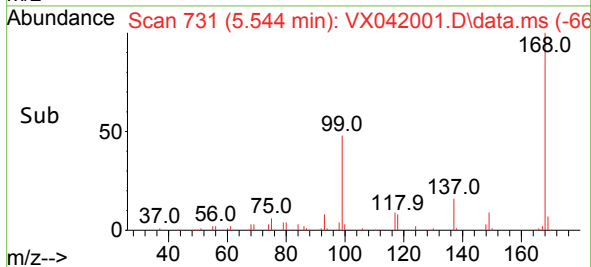
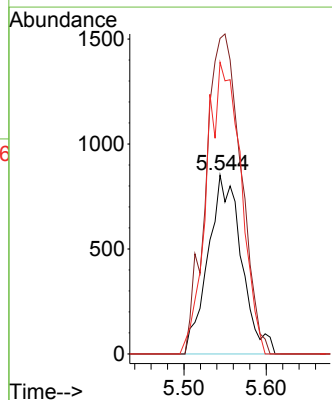
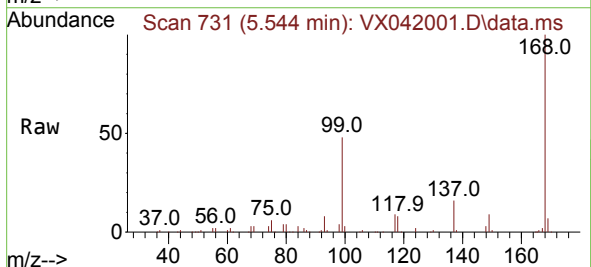
Tgt Ion: 56 Resp: 2402

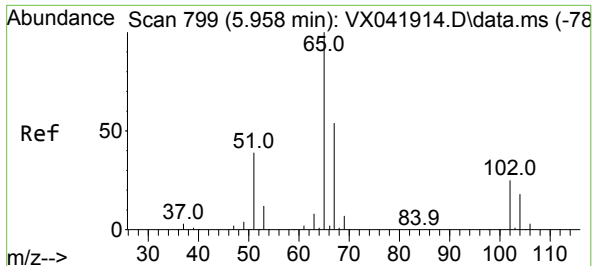
Ion Ratio Lower Upper

56 100

69 176.6 23.4 35.2#

84 163.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.774 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042001.D

Acq: 24 Jun 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

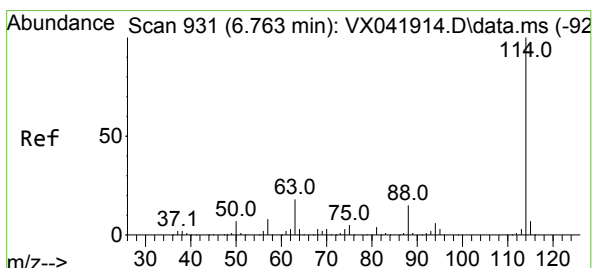
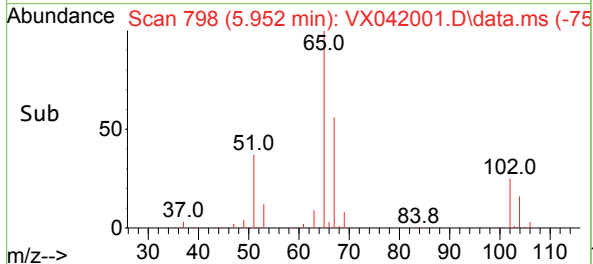
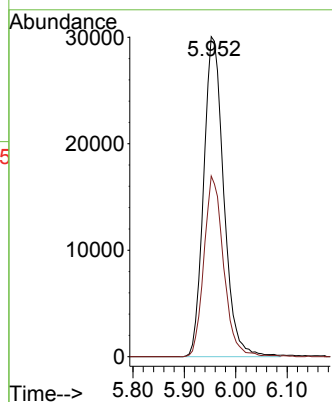
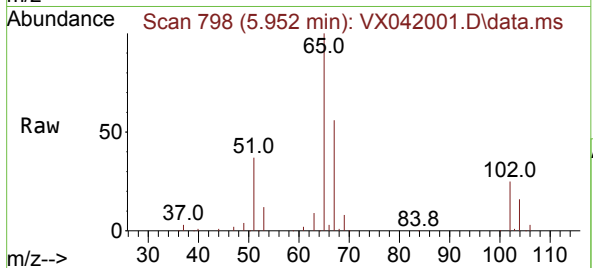
BP-VPB-189-GW-498-500DL

Tgt Ion: 65 Resp: 81503

Ion Ratio Lower Upper

65 100

67 55.3 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: VX042001.D

Acq: 24 Jun 2024 13:51

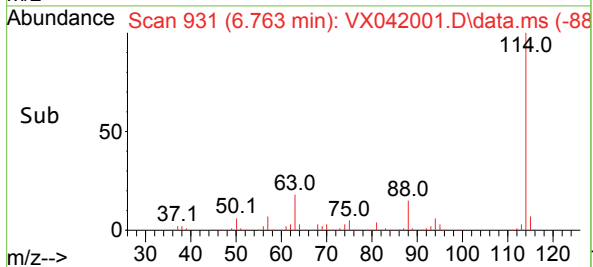
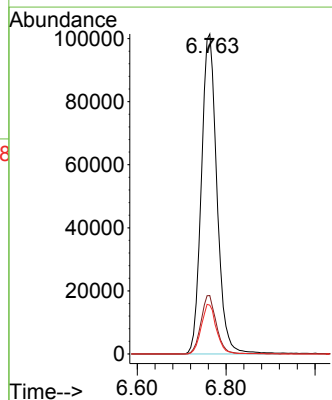
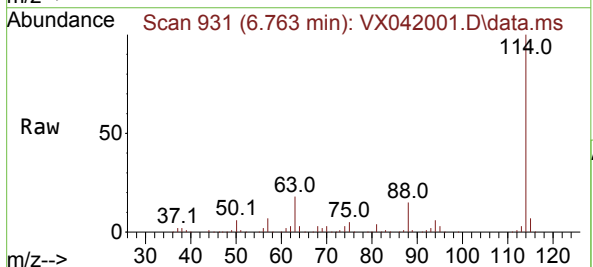
Tgt Ion:114 Resp: 247324

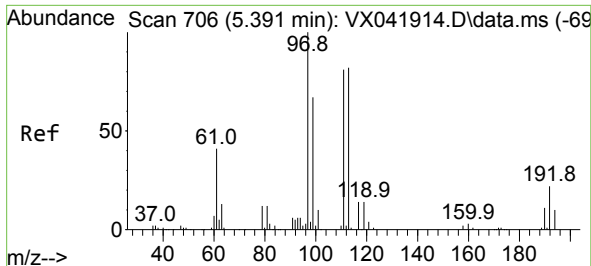
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.2 0.0 36.6

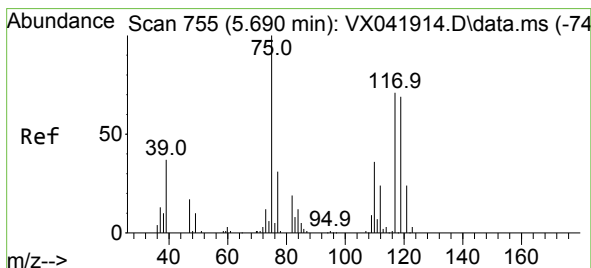
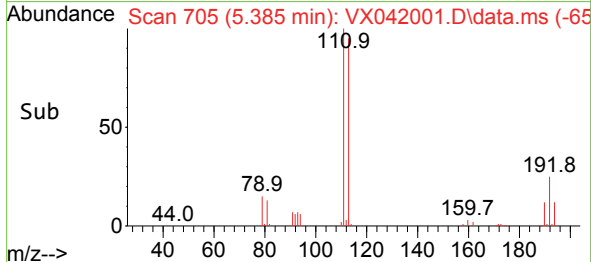
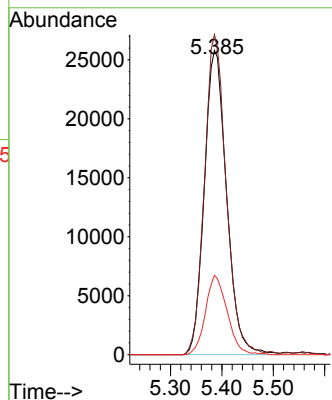
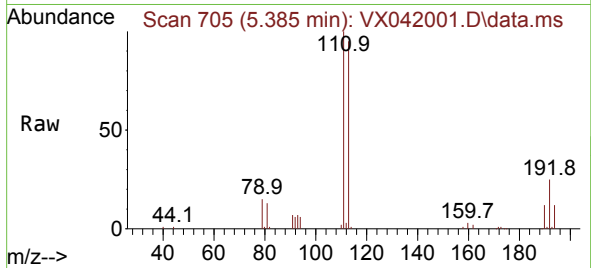




#35
Dibromofluoromethane
Concen: 44.270 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

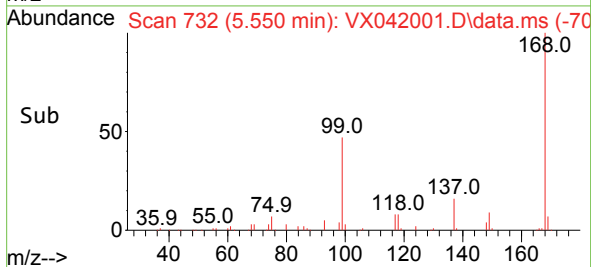
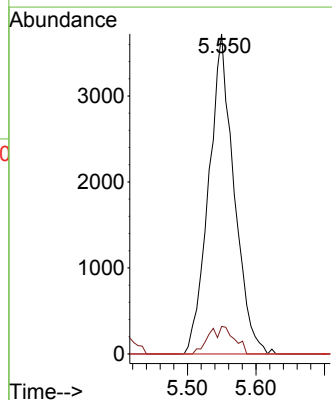
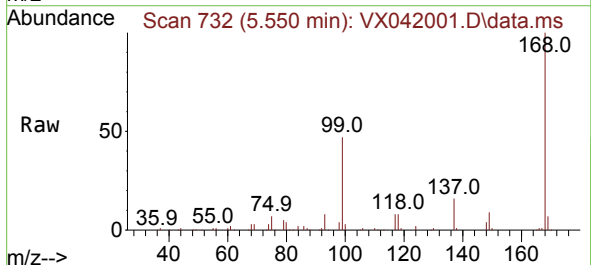
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

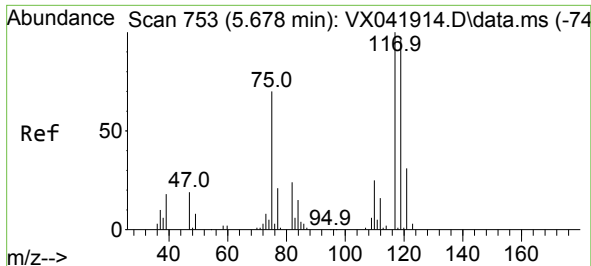
Tgt Ion:113 Resp: 77689
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 25.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 75 Resp: 9543
Ion Ratio Lower Upper
75 100
110 3.7 17.0 50.9#
77 0.0 24.7 37.1#

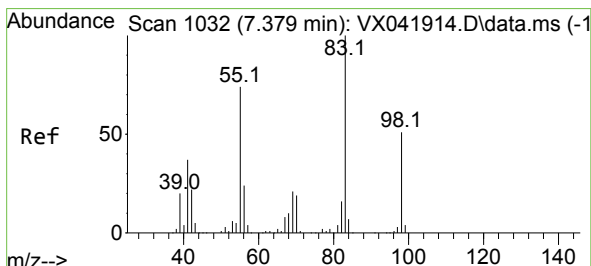
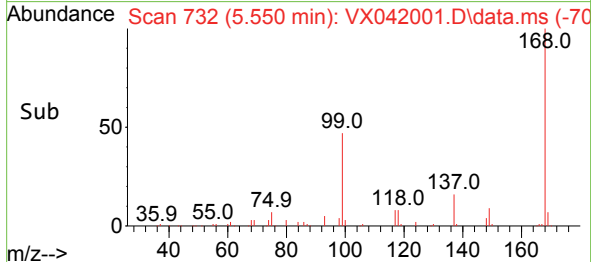
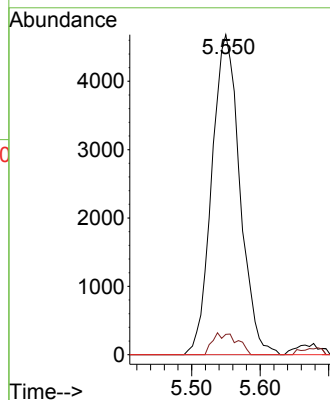
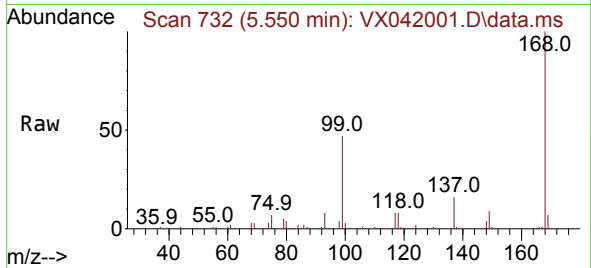




#38
Carbon Tetrachloride
Concen: 6.476 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

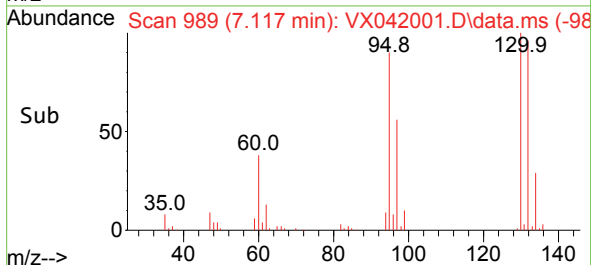
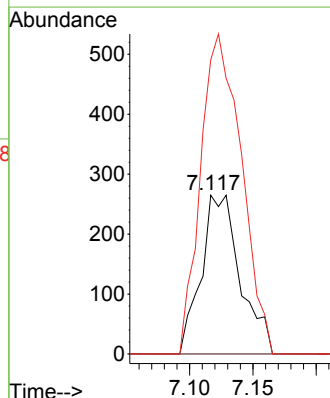
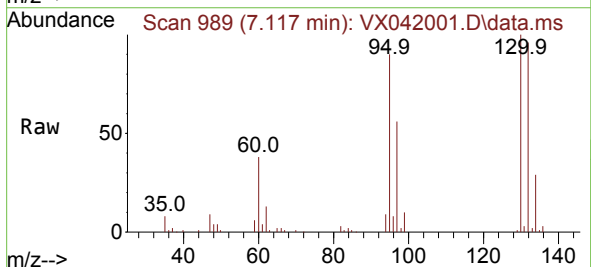
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

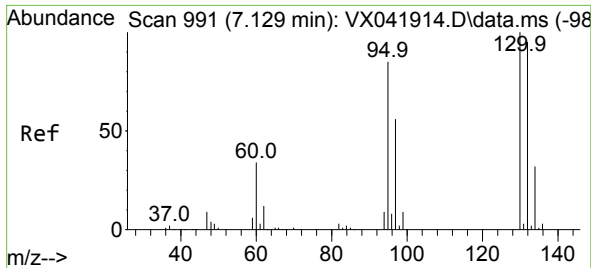
Tgt Ion:117 Resp: 13333
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.241 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 83 Resp: 569
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 185.3 36.7 55.1#

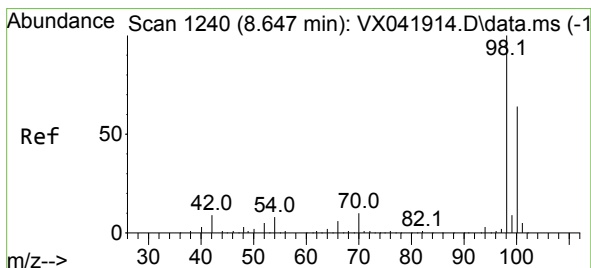
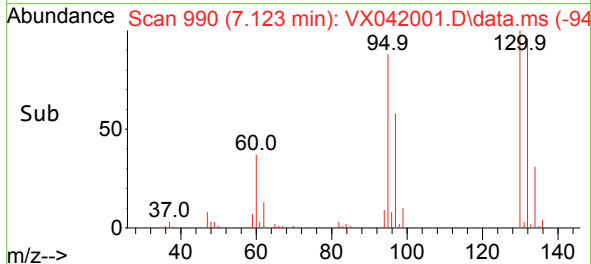
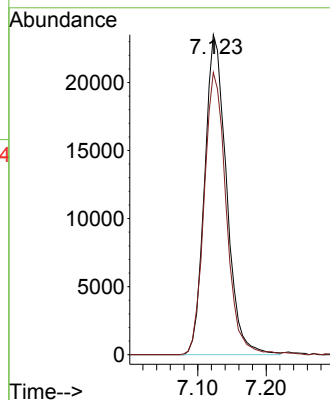
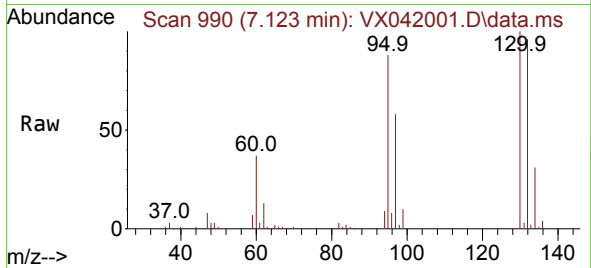




#44
Trichloroethene
Concen: 30.999 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

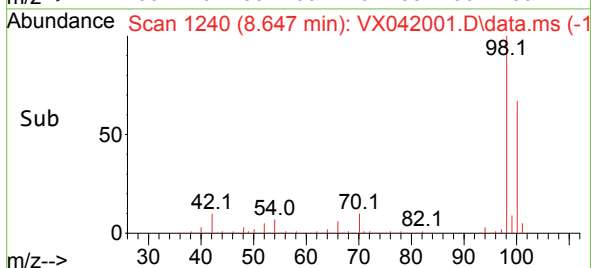
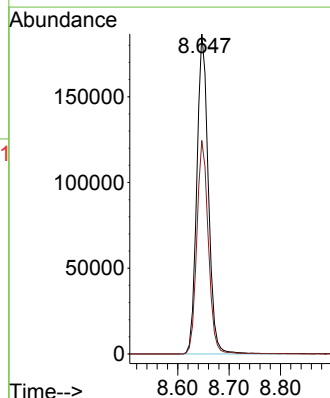
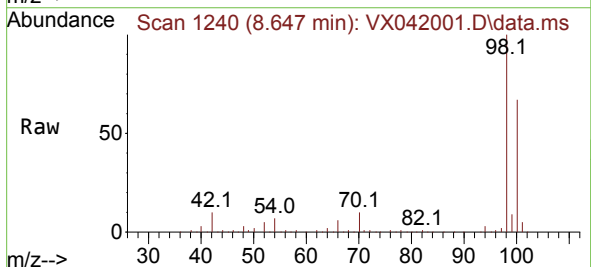
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

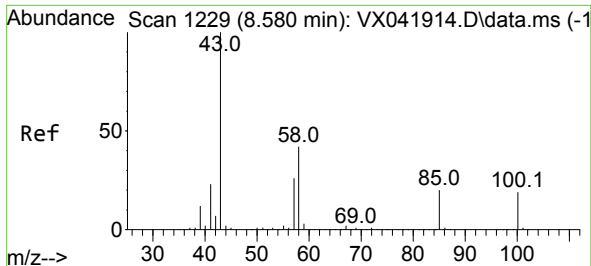
Tgt Ion:130 Resp: 52224
Ion Ratio Lower Upper
130 100
95 88.2 0.0 204.4



#50
Toluene-d8
Concen: 47.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 98 Resp: 289949
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

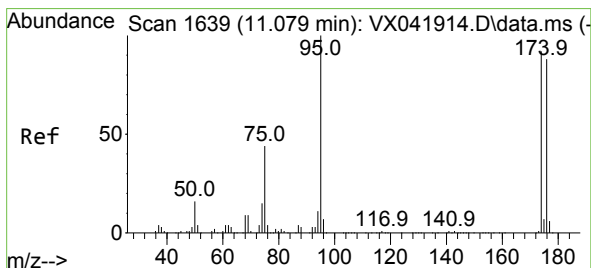
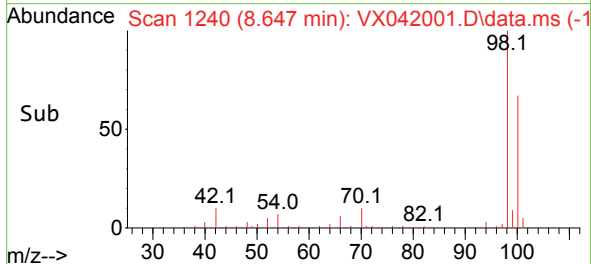
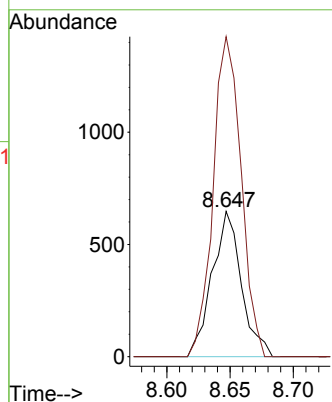
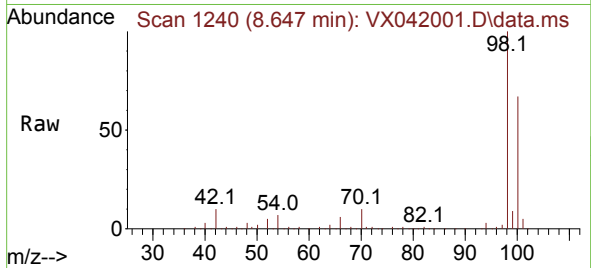




#51
4-Methyl-2-Pentanone
Concen: 0.404 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

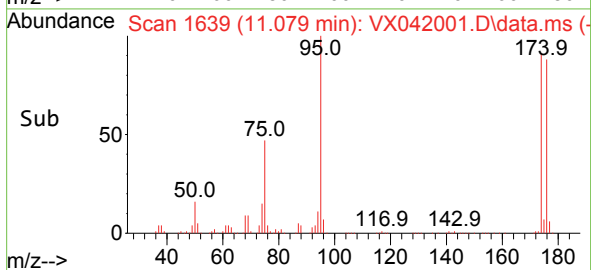
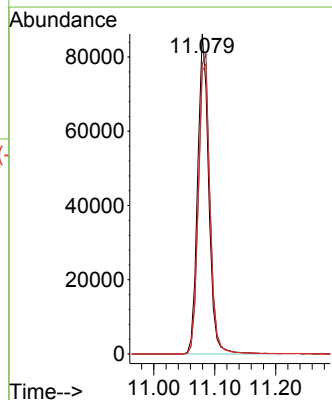
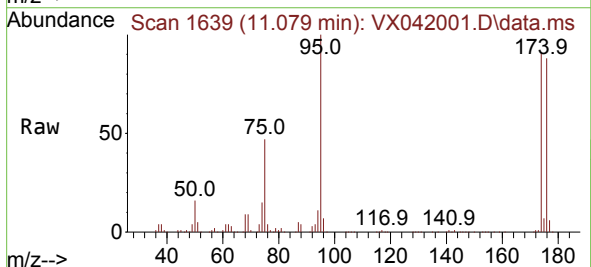
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL

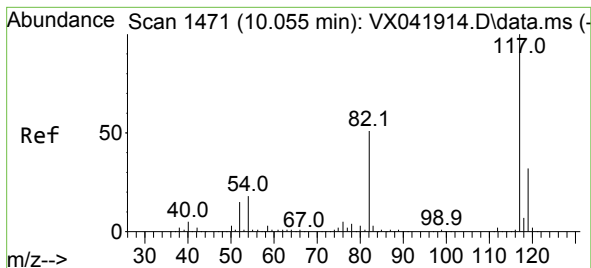
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 211.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Tgt Ion: 95 Resp: 108796
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 96.1 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: VX042001.D

Acq: 24 Jun 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-498-500DL

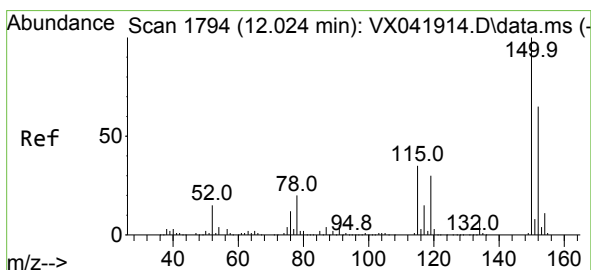
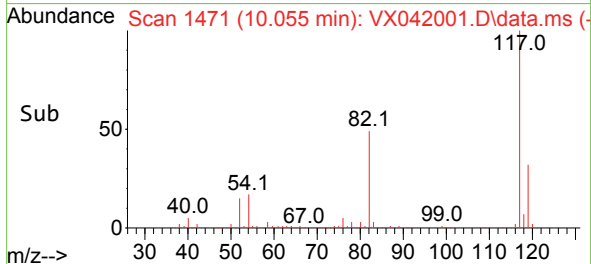
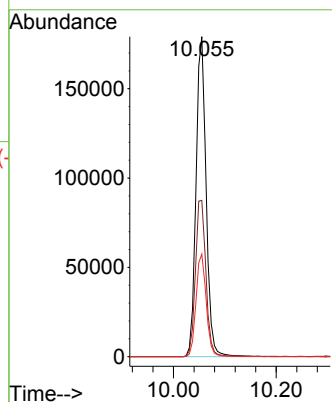
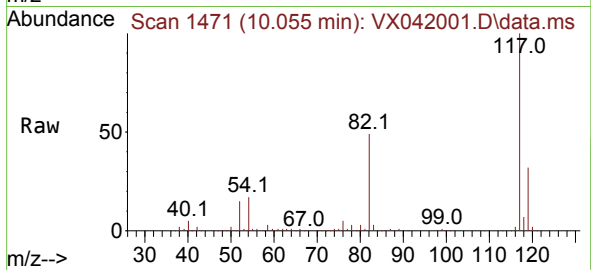
Tgt Ion:117 Resp: 245268

Ion Ratio Lower Upper

117 100

82 48.9 46.2 69.4

119 32.1 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: VX042001.D

Acq: 24 Jun 2024 13:51

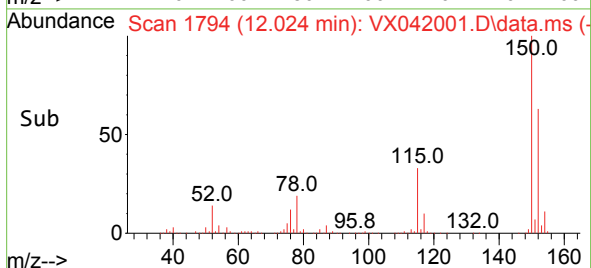
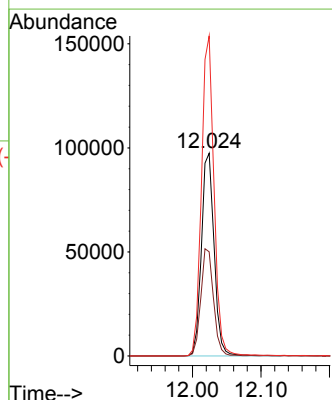
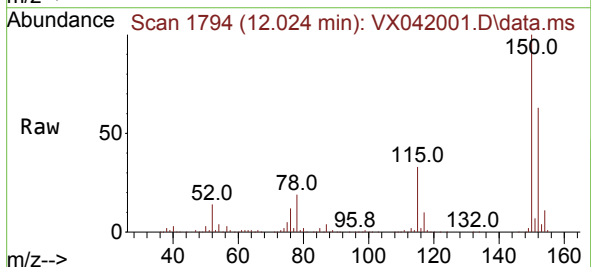
Tgt Ion:152 Resp: 126118

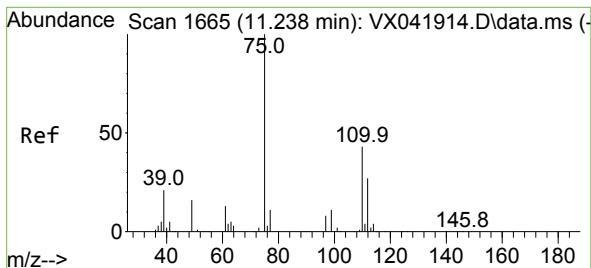
Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.032 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX042001.D

Acq: 24 Jun 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

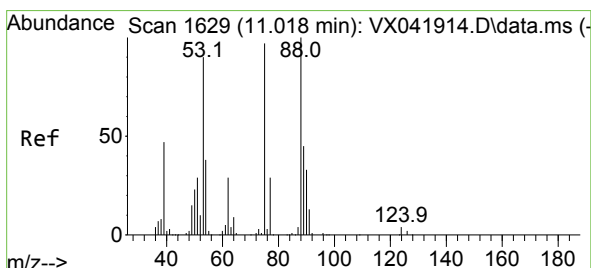
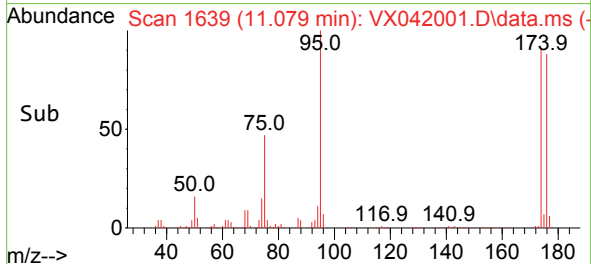
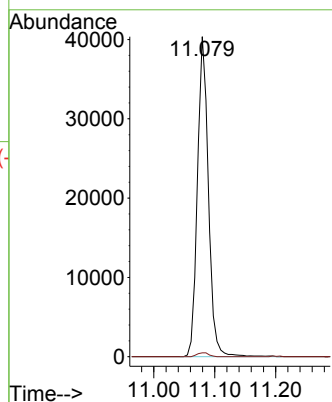
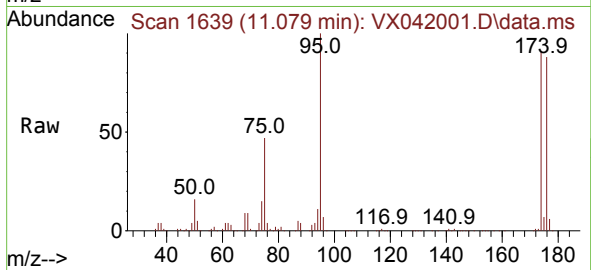
BP-VPB-189-GW-498-500DL

Tgt Ion: 75 Resp: 50444

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.570 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042001.D

Acq: 24 Jun 2024 13:51

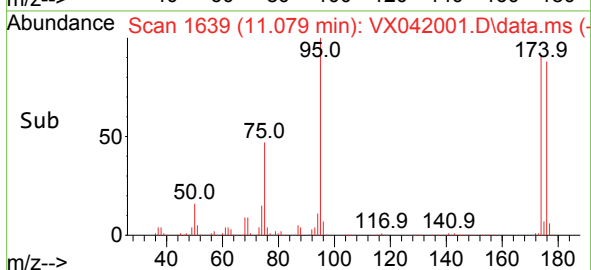
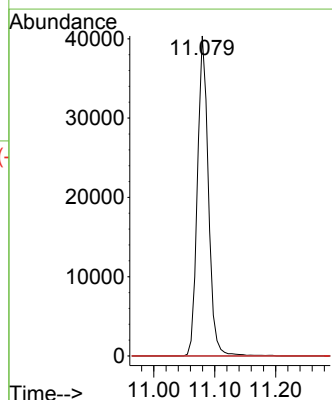
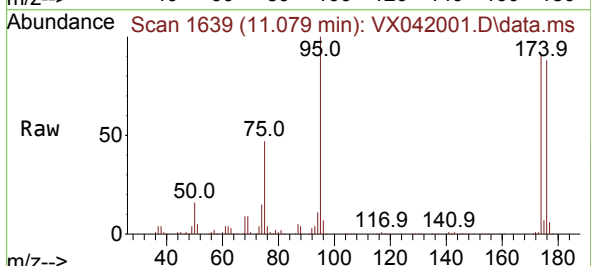
Tgt Ion: 75 Resp: 50444

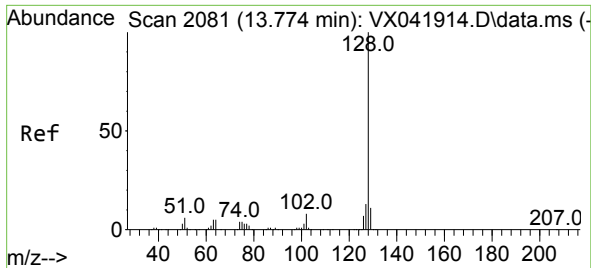
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

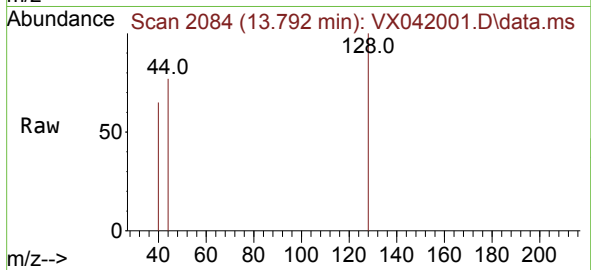
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.799 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042001.D
Acq: 24 Jun 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500DL



Tgt Ion:128 Resp: 469
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

