

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042106.D
 Acq On : 01 Jul 2024 12:02
 Operator : JC/MD
 Sample : P3128-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-625-627DL

Quant Time: Jul 01 16:06:24 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)

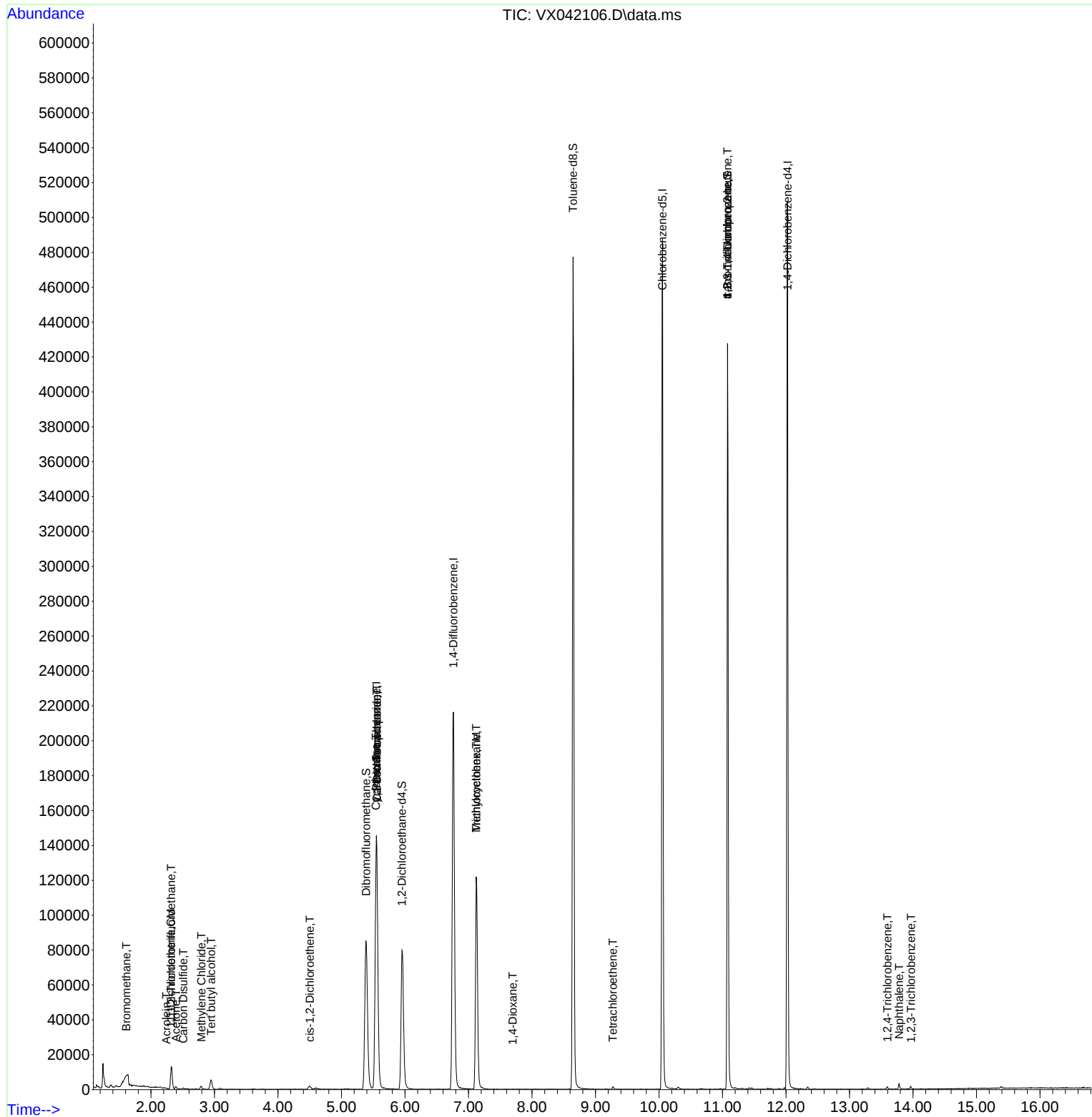
Internal Standards						
1) Pentafluorobenzene	5.550	168	160894	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	248381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78763	42.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.900%
35) Dibromofluoromethane	5.385	113	77767	44.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.260%
50) Toluene-d8	8.647	98	291807	47.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.260%
62) 4-Bromofluorobenzene	11.079	95	109829	48.122	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	379	0.498	ug/l	94
6) Chloroethane	1.666	64	121	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	4829	3.471	ug/l	86
11) Tert butyl alcohol	2.947	59	3339	9.483	ug/l	# 78
12) 1,1-Dichloroethene	2.313	96	852	0.614	ug/l	# 80
13) Acrolein	2.240	56	189	0.479	ug/l	# 80
16) Acetone	2.392	43	1443	1.771	ug/l	# 85
17) Carbon Disulfide	2.508	76	1026	0.363	ug/l	# 76
20) Methylene Chloride	2.794	84	1062	0.595	ug/l	# 70
27) cis-1,2-Dichloroethene	4.501	96	1361	0.772	ug/l	80
31) Cyclohexane	5.544	56	2161	0.996	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	9233	4.934	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	13564	6.560	ug/l	# 14
39) Methylcyclohexane	7.123	83	525	0.222	ug/l	# 1
44) Trichloroethene	7.123	130	54282	32.084	ug/l	84
49) 1,4-Dioxane	7.696	88	94	21.881	ug/l	# 12
64) Tetrachloroethene	9.275	164	437	0.243	ug/l	# 72
76) 1,2,3-Trichloropropane	11.079	75	49538	21.990	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	49538	62.451	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	567	0.214	ug/l	82
95) Naphthalene	13.780	128	2901	1.069	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	604	0.216	ug/l	94

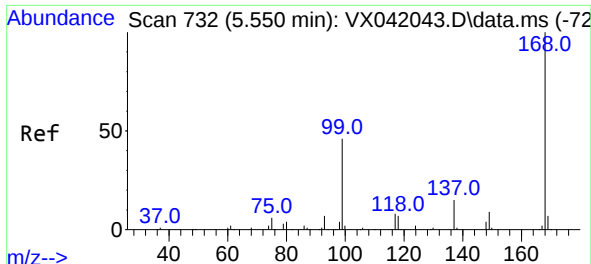
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042106.D
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Sample : P3128-05DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

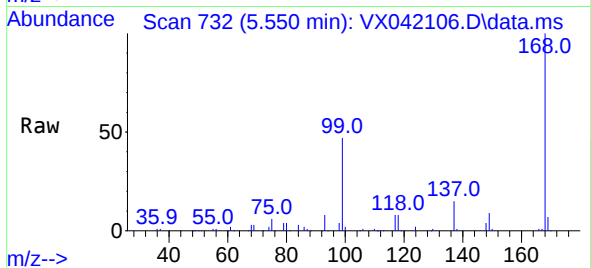
Quant Time: Jul 01 16:06:24 2024
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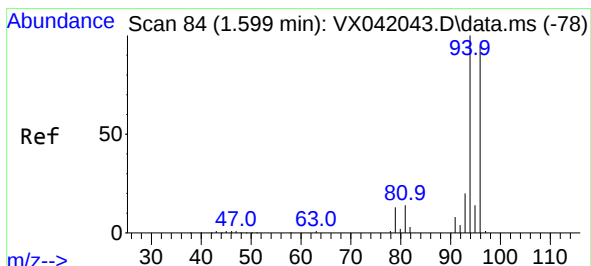
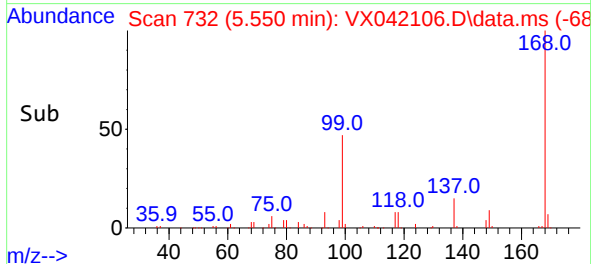
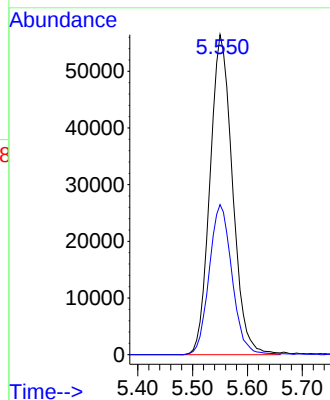


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

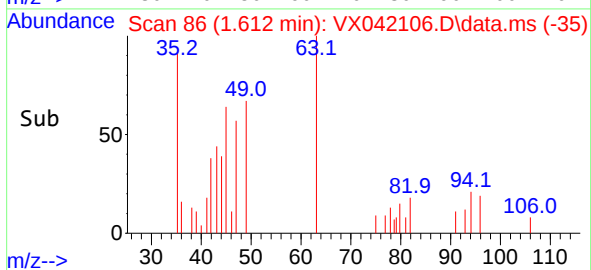
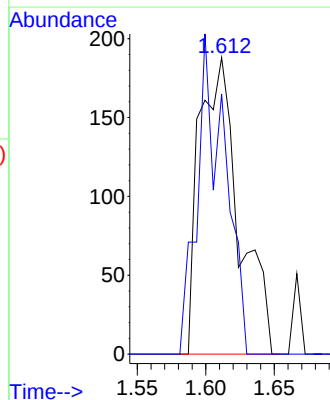
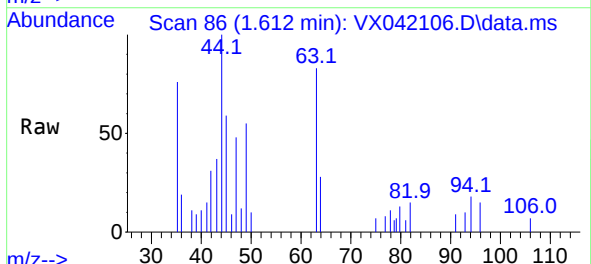


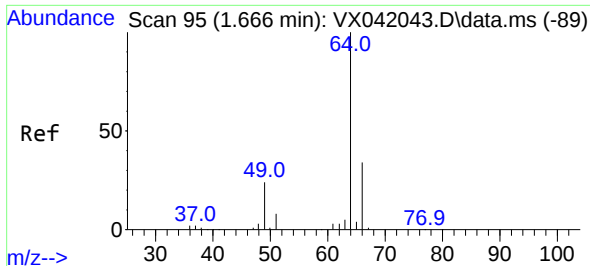
Tgt Ion:168 Resp: 160894
Ion Ratio Lower Upper
168 100
99 46.9 56.6 85.0#



#5
Bromomethane
Concen: 0.498 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 87.8 74.6 111.8

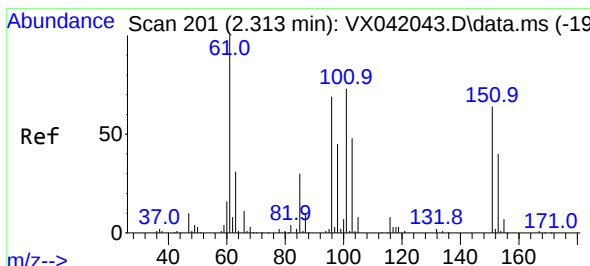
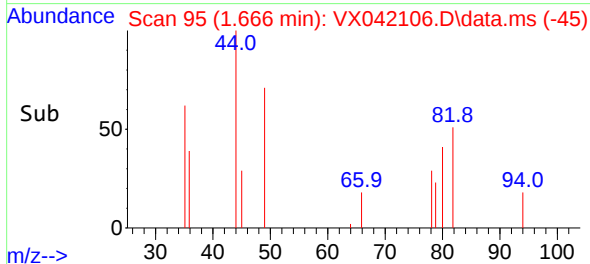
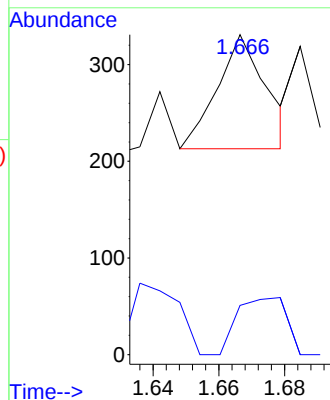
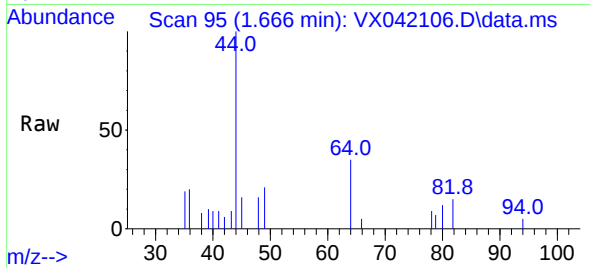




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

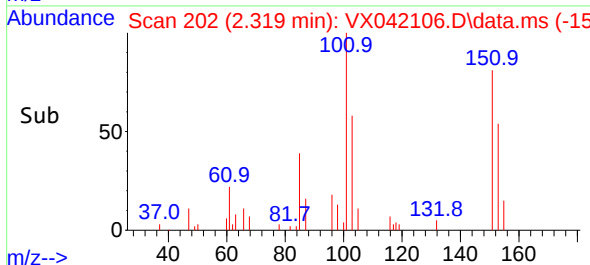
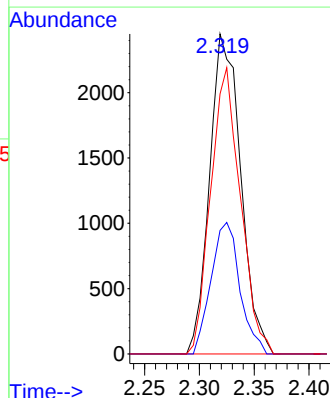
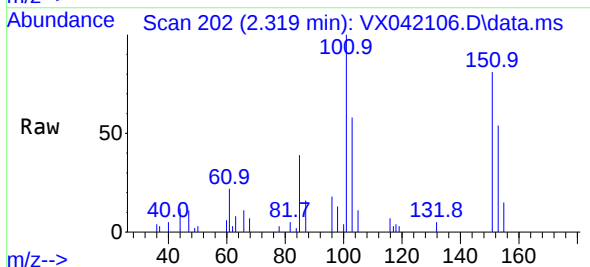
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

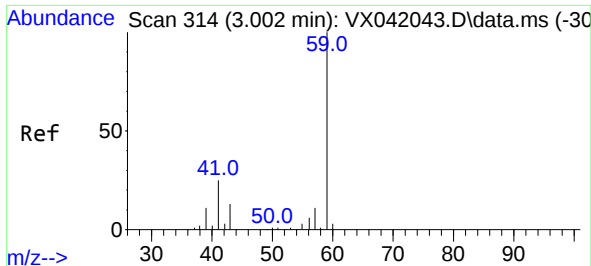
Tgt Ion: 64 Resp: 121
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.471 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 101 Resp: 4829
Ion Ratio Lower Upper
101 100
85 38.2 37.0 55.6
151 85.6 58.6 87.8





#11

Tert butyl alcohol

Concen: 9.483 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX042106.D

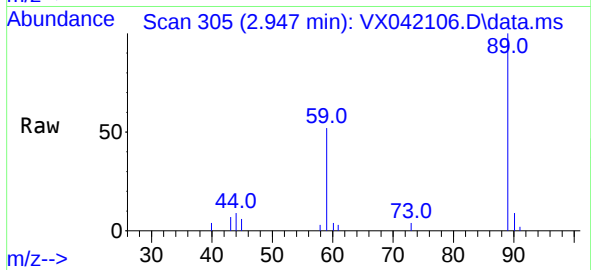
Acq: 01 Jul 2024 12:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-625-627DL

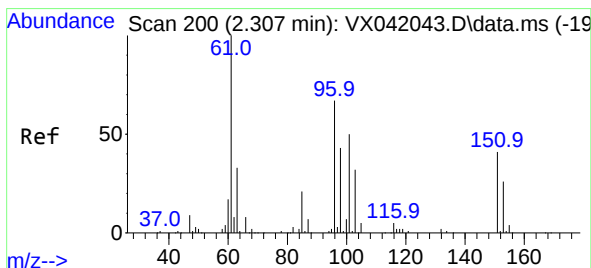
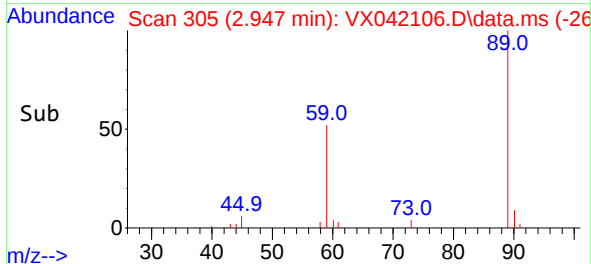
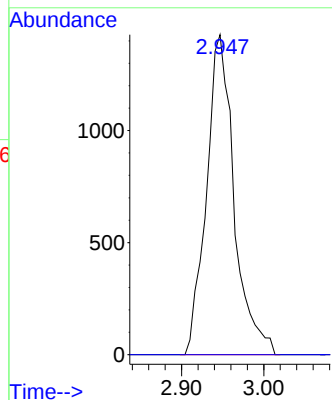


Tgt Ion: 59 Resp: 3339

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.614 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042106.D

Acq: 01 Jul 2024 12:02

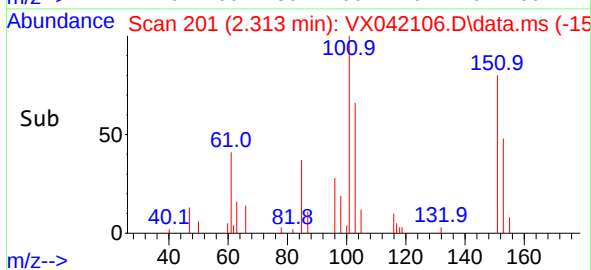
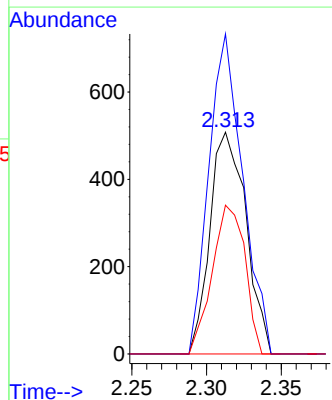
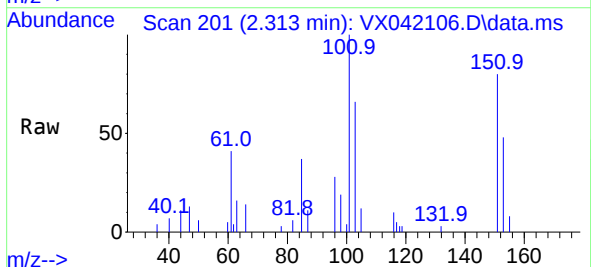
Tgt Ion: 96 Resp: 852

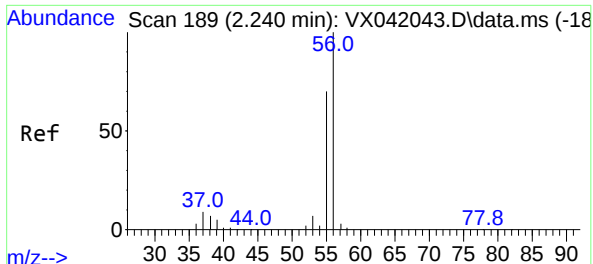
Ion Ratio Lower Upper

96 100

61 144.3 144.6 216.8#

98 67.1 50.4 75.6

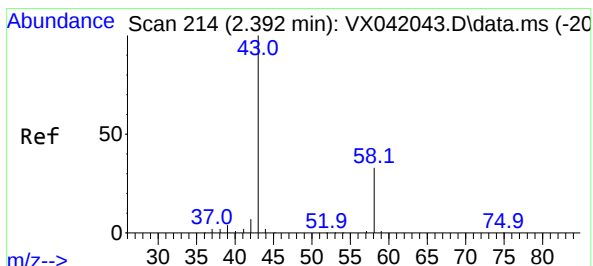
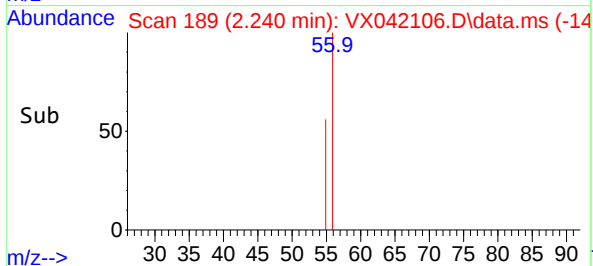
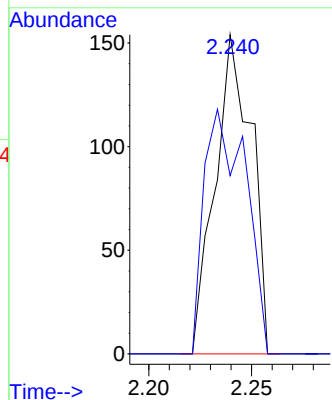
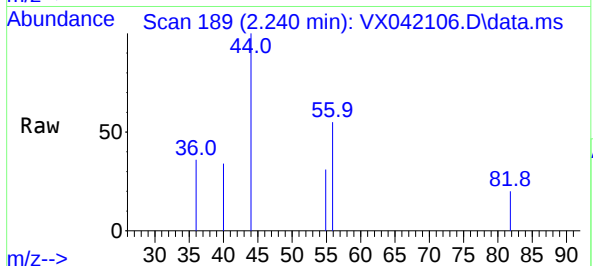




#13
Acrolein
Concen: 0.479 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

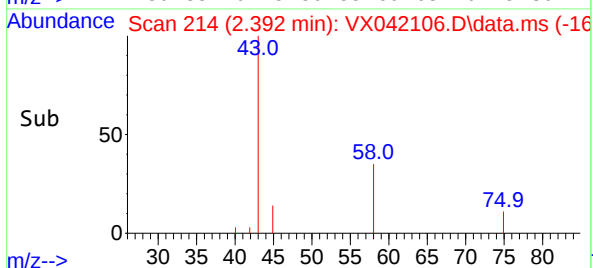
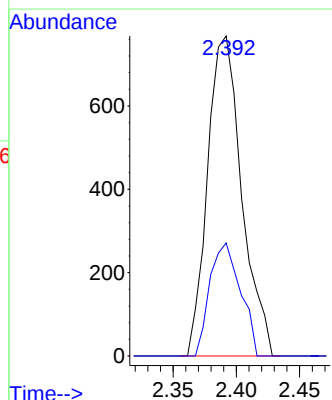
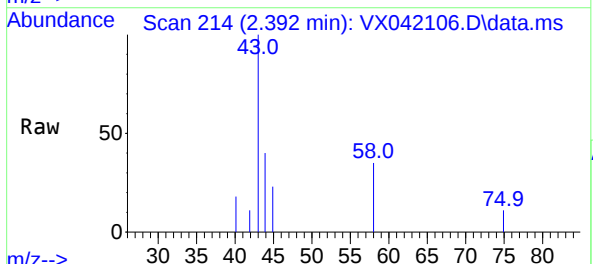
Instrument : MSVOA_X
ClientSampleId : BP-VPB-189-GW-625-627DL

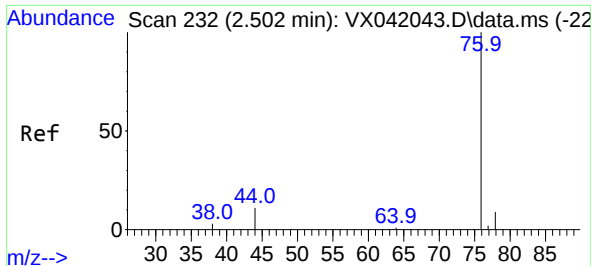
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 88.4 57.1 85.7#



#16
Acetone
Concen: 1.771 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#

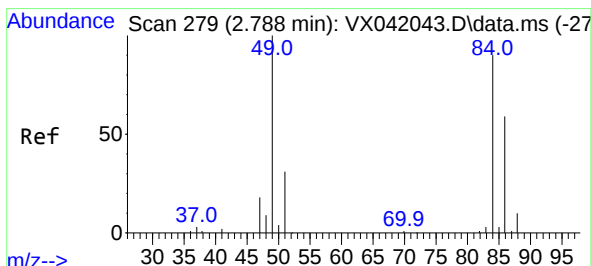
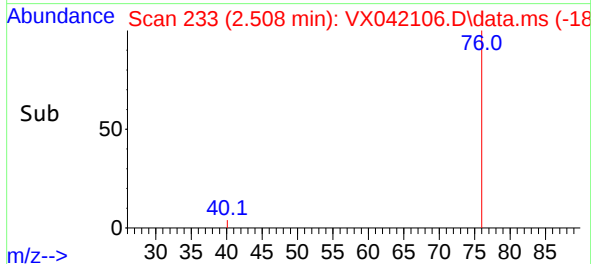
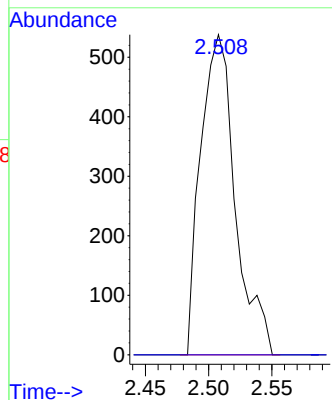
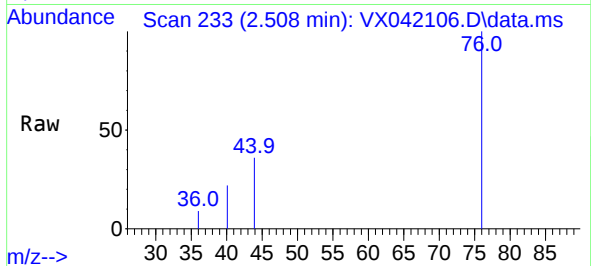




#17
Carbon Disulfide
Concen: 0.363 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

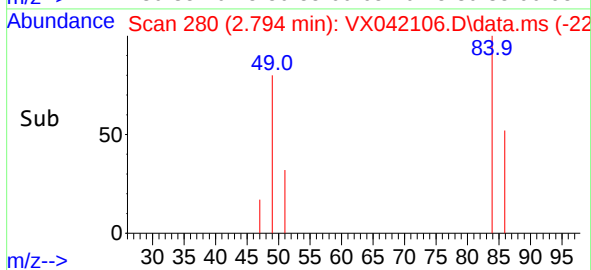
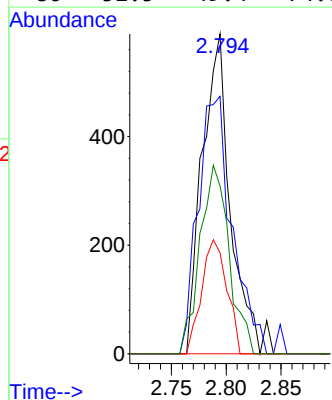
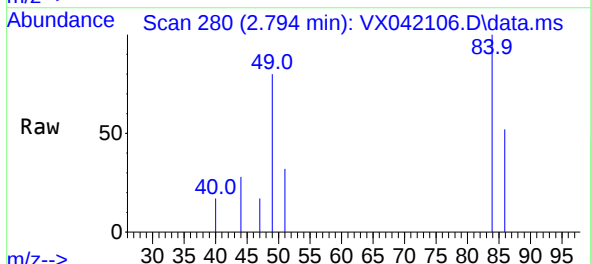
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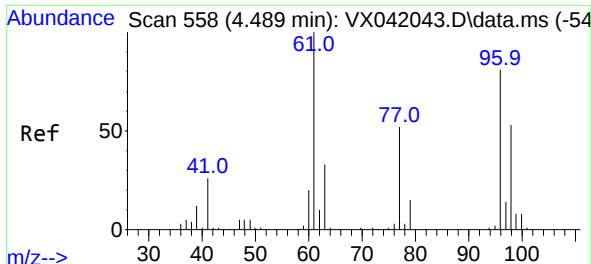
Tgt Ion: 76 Resp: 1026
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.595 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 84 Resp: 1062
Ion Ratio Lower Upper
84 100
49 80.5 103.6 155.4#
51 31.6 33.8 50.6#
86 52.5 49.4 74.0



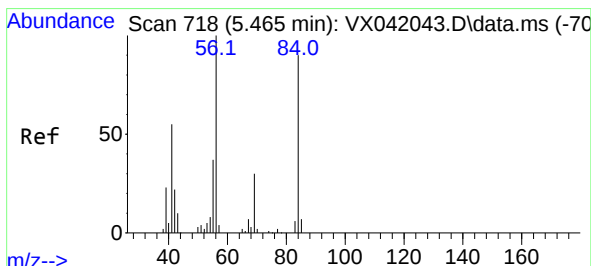
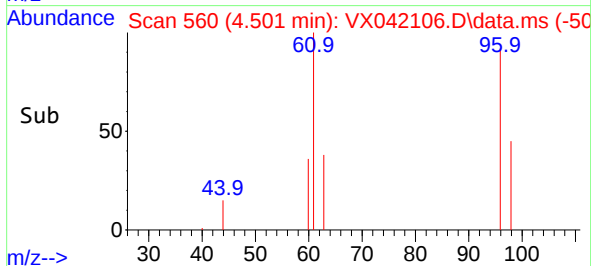
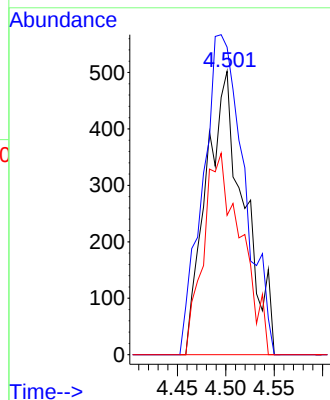
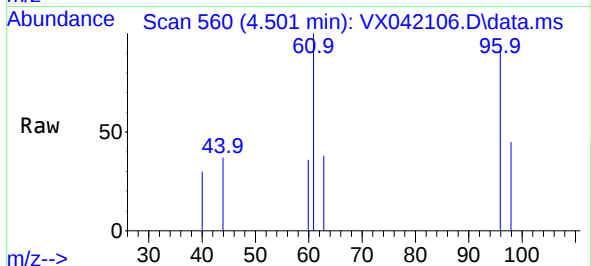


#27
cis-1,2-Dichloroethene
Concen: 0.772 ug/l
RT: 4.501 min Scan# 501
Delta R.T. 0.012 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

Tgt Ion: 96 Resp: 1361

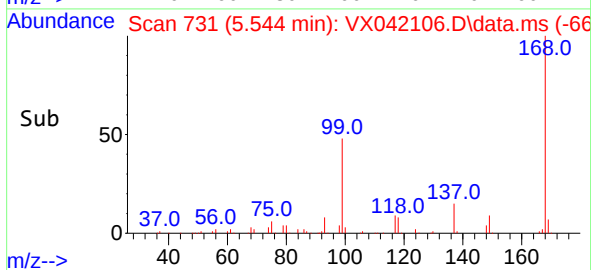
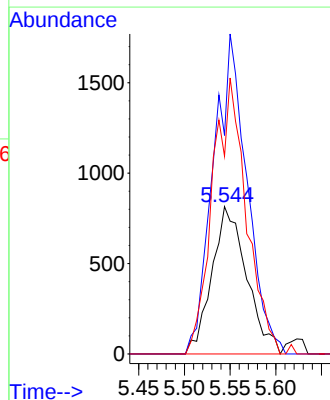
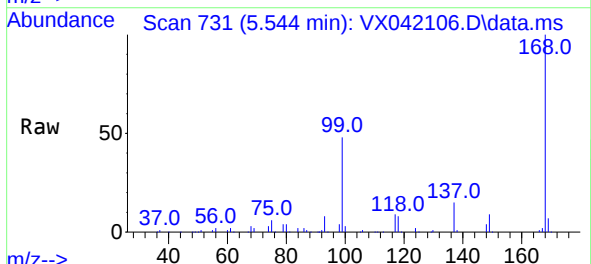
Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	312.2
98	71.2	0.0	129.0

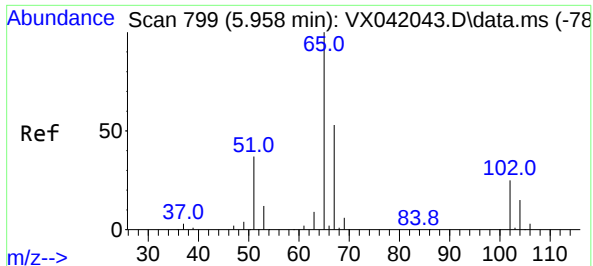


#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 56 Resp: 2161

Ion	Ratio	Lower	Upper
56	100		
69	148.3	23.4	35.2#
84	134.2	65.9	98.9#

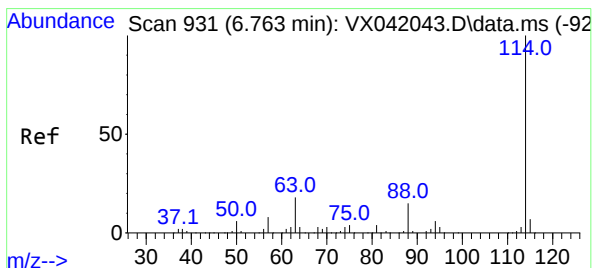
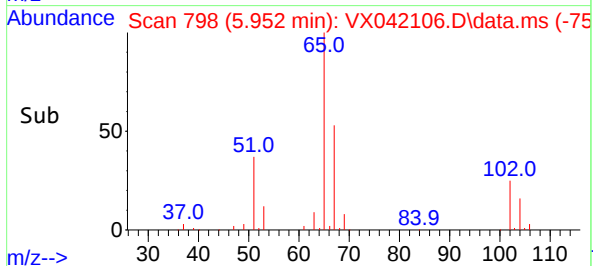
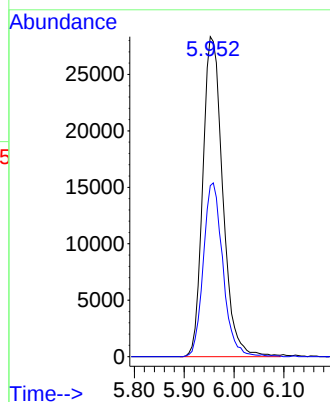
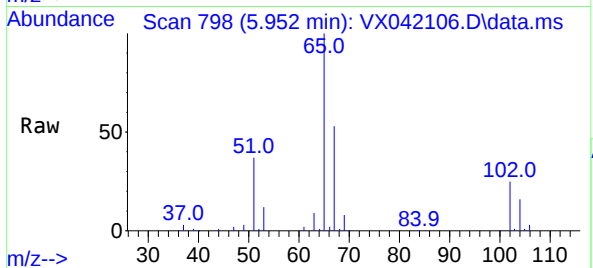




#33
 1,2-Dichloroethane-d4
 Concen: 42.453 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX042106.D
 Acq: 01 Jul 2024 12:02

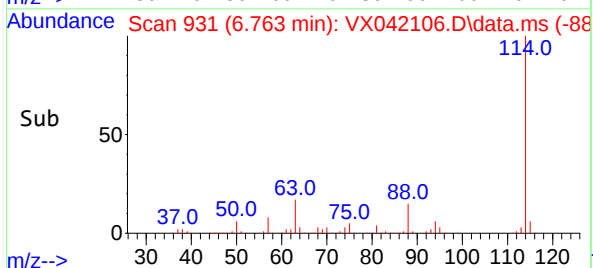
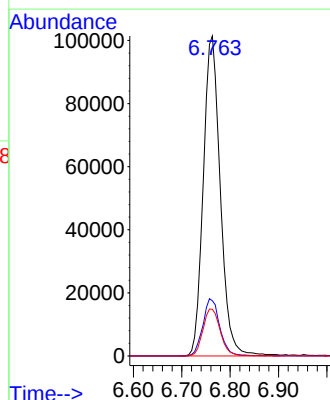
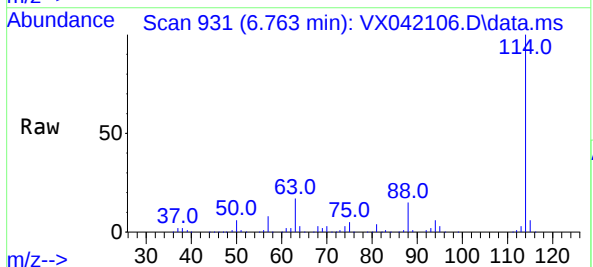
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-189-GW-625-627DL

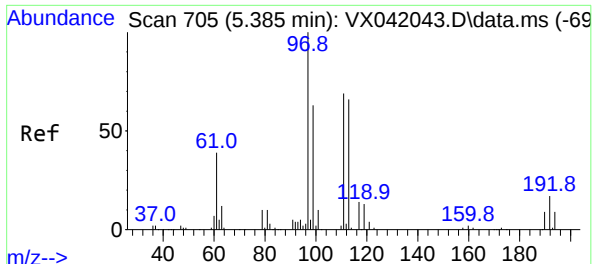
Tgt Ion: 65 Resp: 78763
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042106.D
 Acq: 01 Jul 2024 12:02

Tgt Ion: 114 Resp: 248381
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 45.0
 88 14.6 0.0 36.6

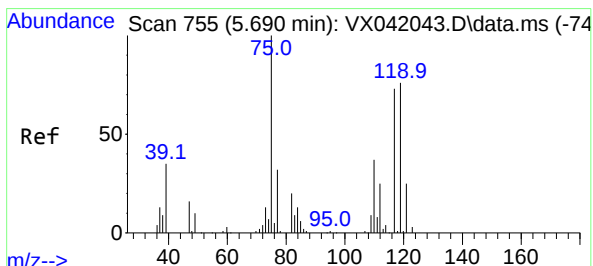
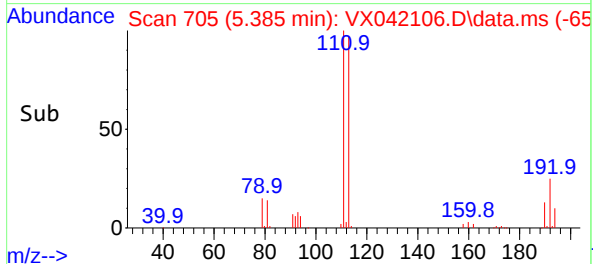
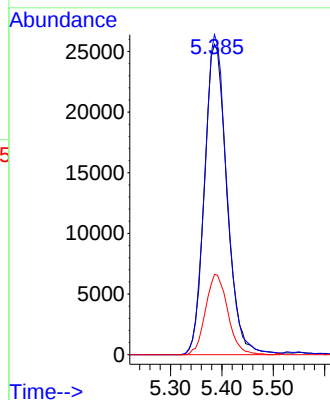
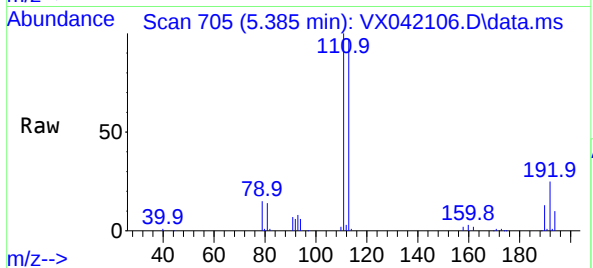




#35
Dibromofluoromethane
Concen: 44.126 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

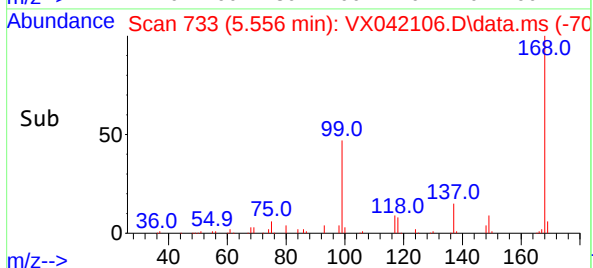
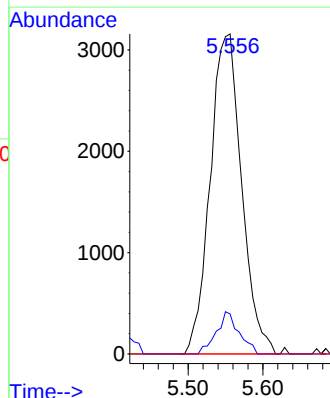
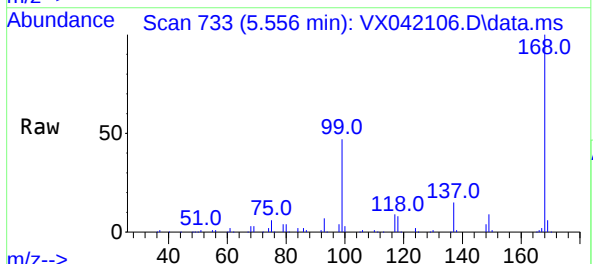
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

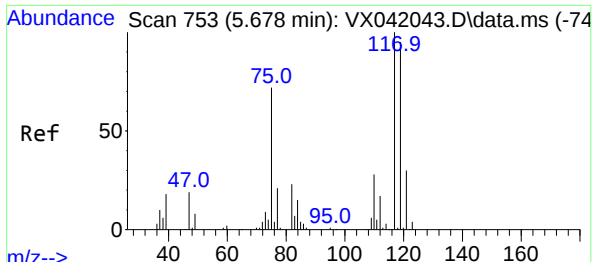
Tgt Ion:113 Resp: 77767
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 75 Resp: 9233
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#

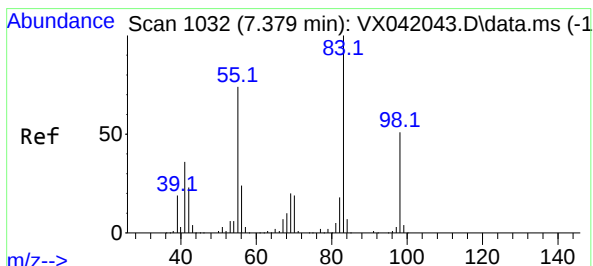
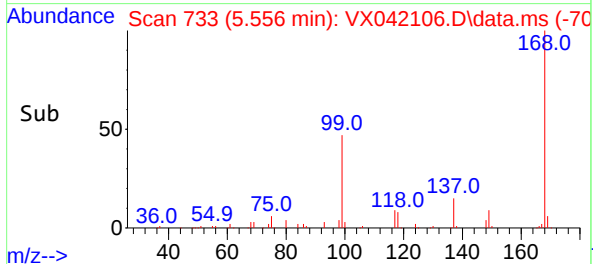
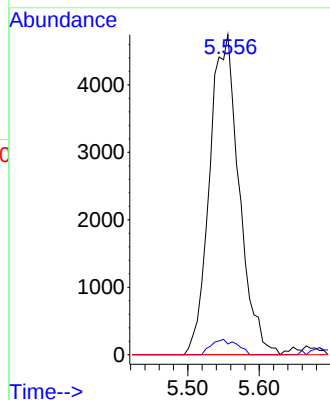
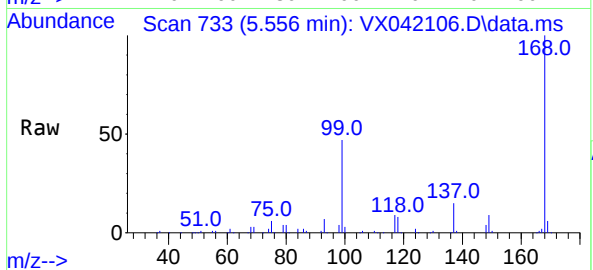




#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

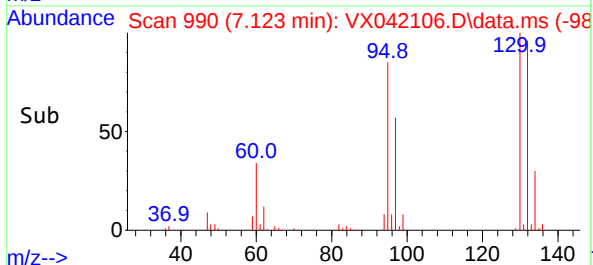
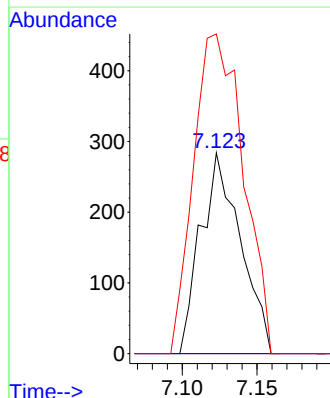
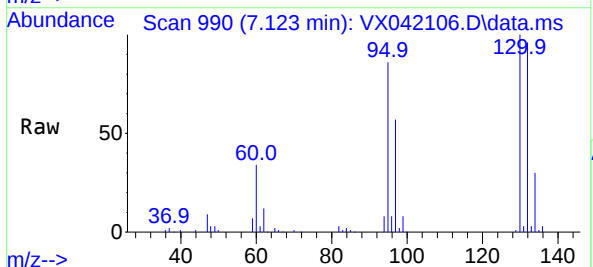
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

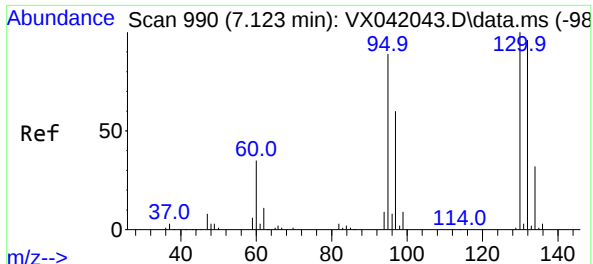
Tgt Ion:117 Resp: 13564
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.222 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 83 Resp: 525
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 159.2 36.7 55.1#

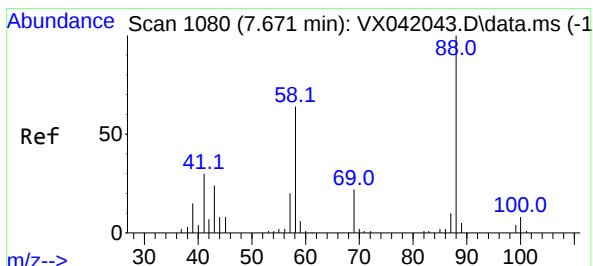
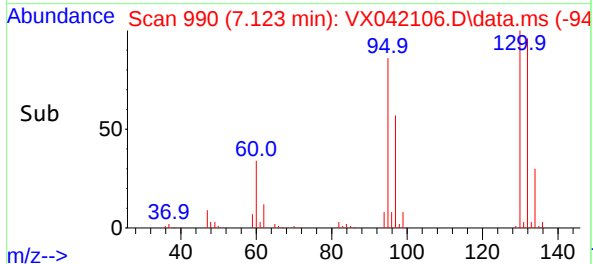
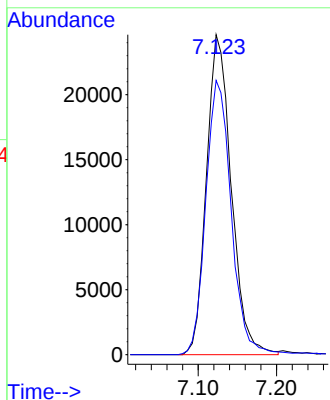
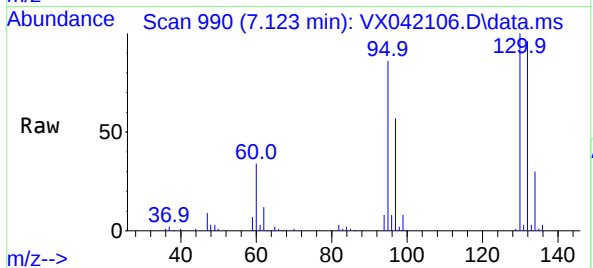




#44
Trichloroethene
Concen: 32.084 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

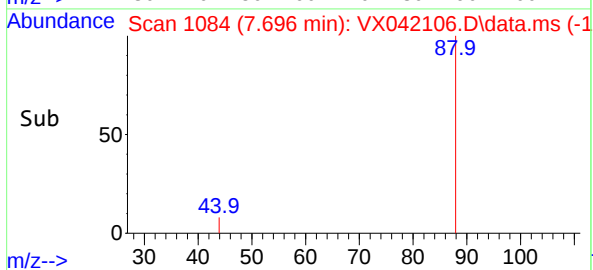
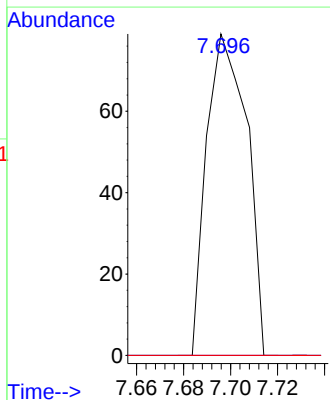
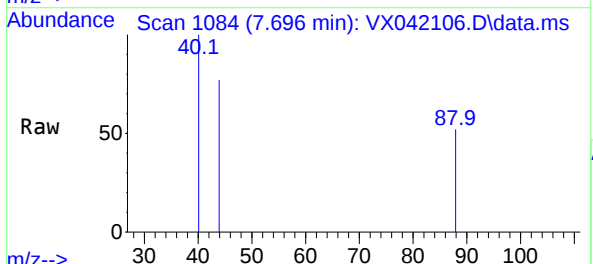
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

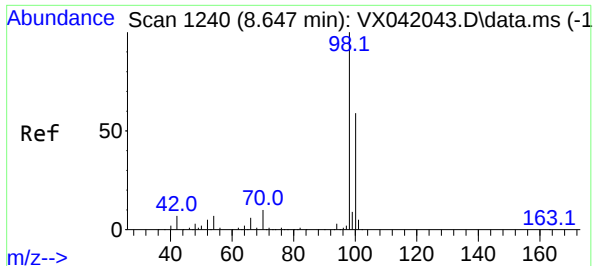
Tgt Ion:130 Resp: 54282
Ion Ratio Lower Upper
130 100
95 85.7 0.0 204.4



#49
1,4-Dioxane
Concen: 21.881 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.031 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

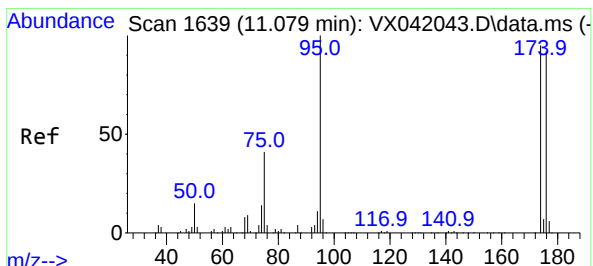
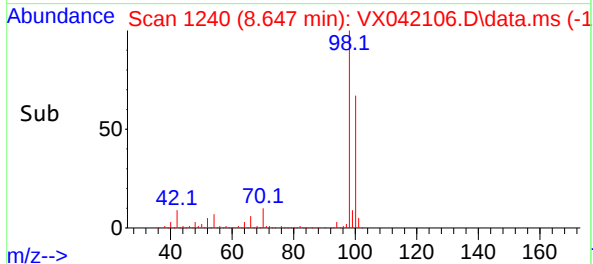
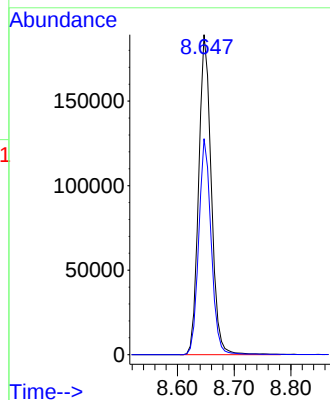
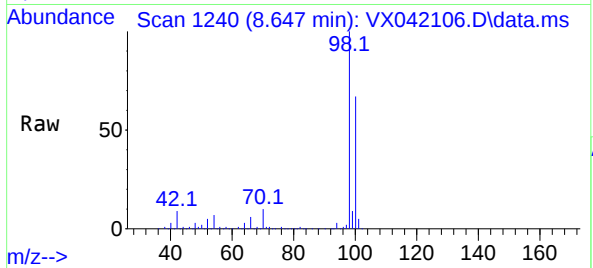




#50
Toluene-d8
Concen: 47.131 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

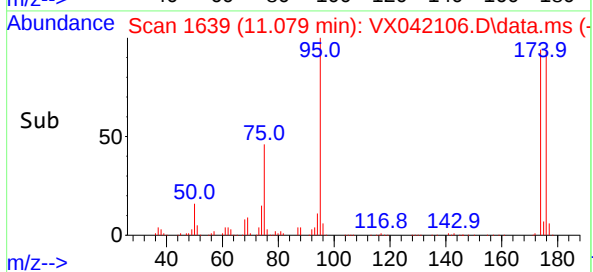
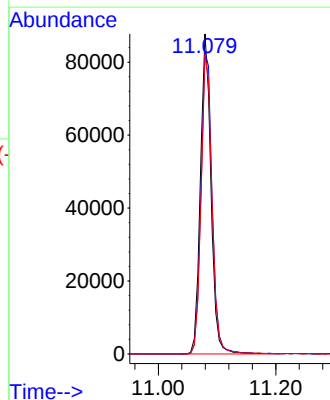
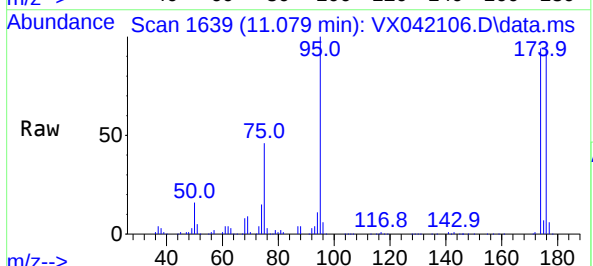
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

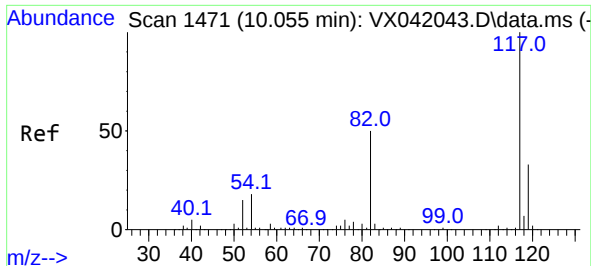
Tgt Ion: 98 Resp: 291807
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 95 Resp: 109829
Ion Ratio Lower Upper
95 100
174 99.1 0.0 135.6
176 96.6 0.0 131.0

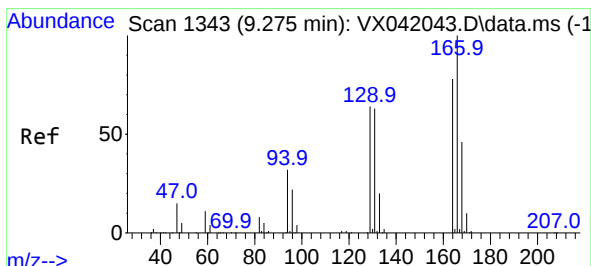
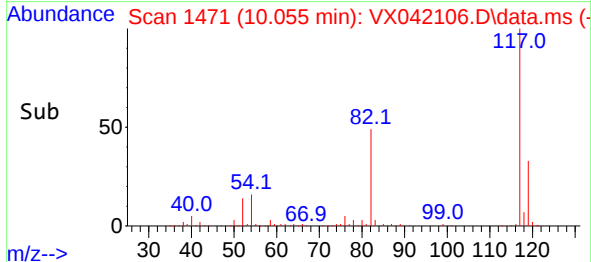
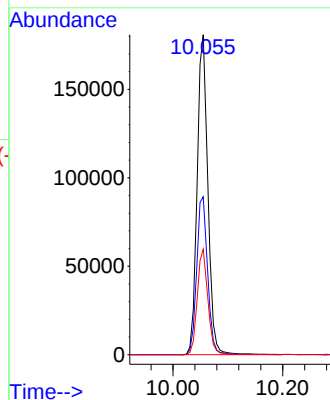
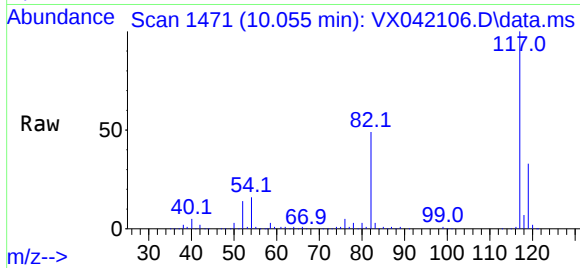




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

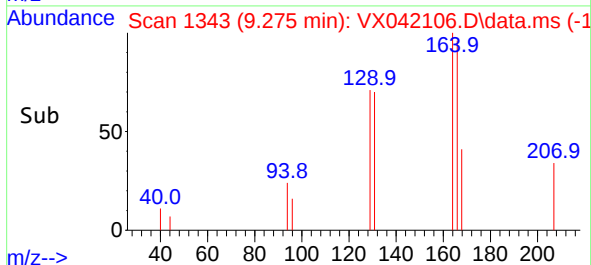
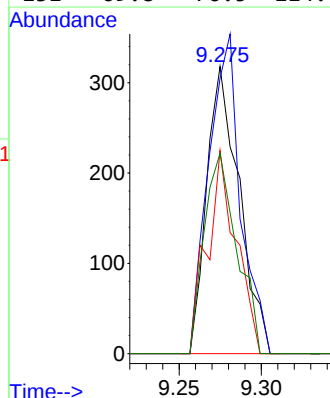
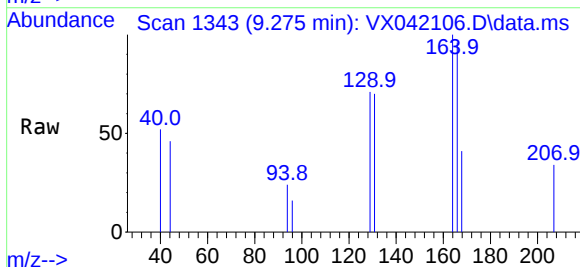
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

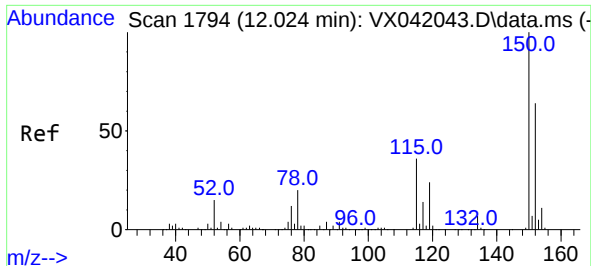
Tgt Ion:117 Resp: 246679
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.243 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion:164 Resp: 437
Ion Ratio Lower Upper
164 100
166 95.9 102.7 154.1#
129 70.8 80.4 120.6#
131 69.8 76.5 114.7#

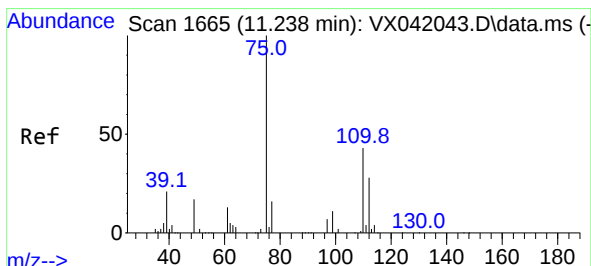
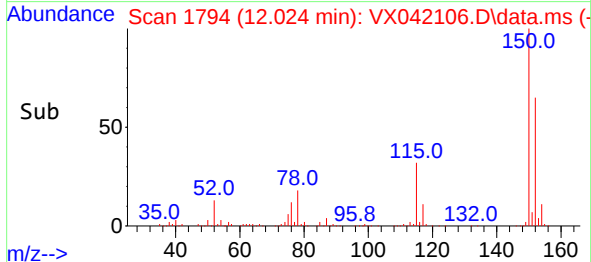
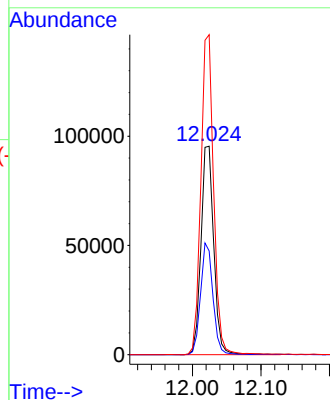
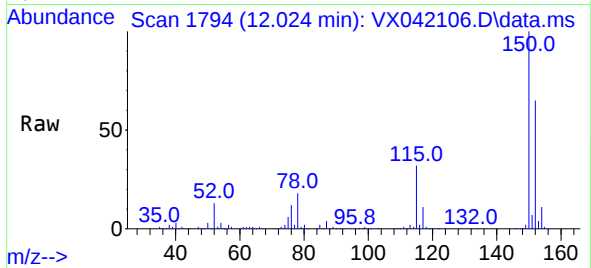




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

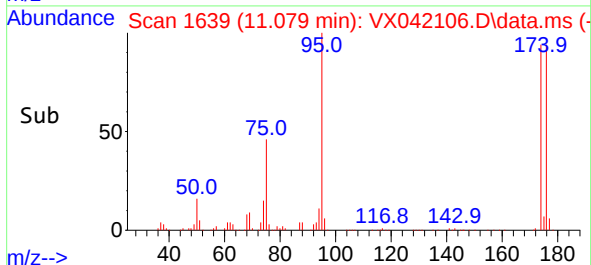
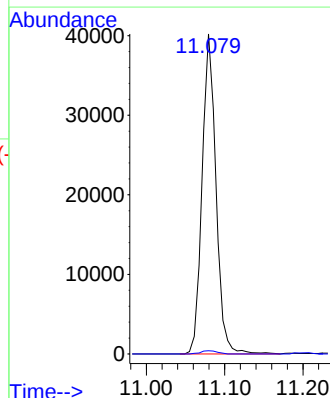
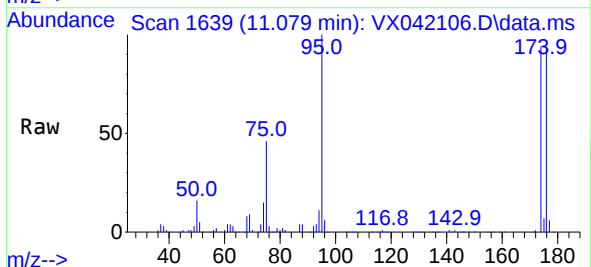
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

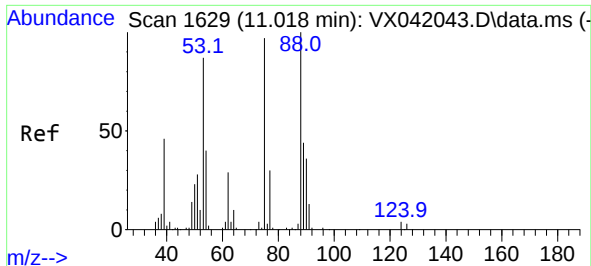
Tgt Ion:152 Resp: 124089
Ion Ratio Lower Upper
152 100
115 52.0 43.3 129.9
150 153.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion: 75 Resp: 49538
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

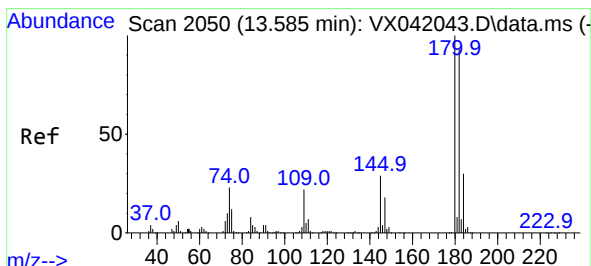
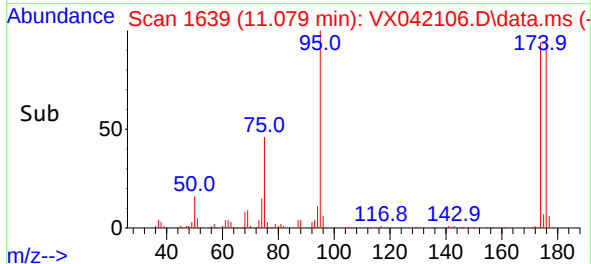
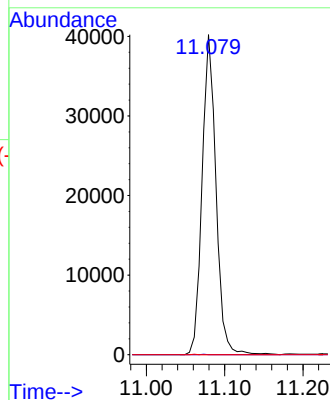
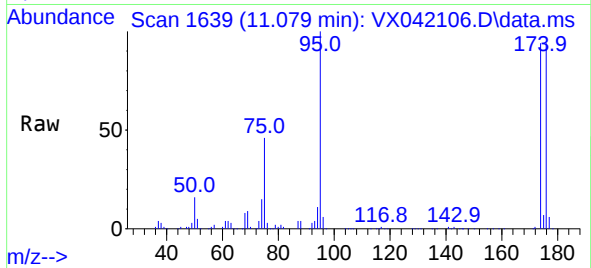




#81
trans-1,4-Dichloro-2-butene
Concen: 62.451 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

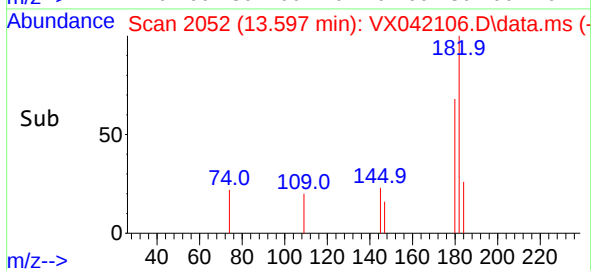
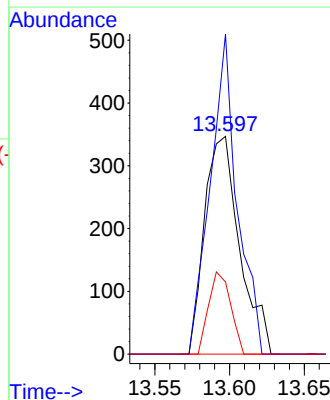
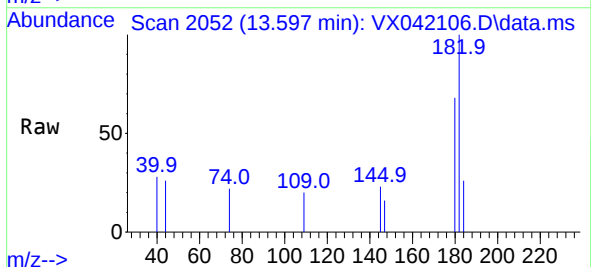
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

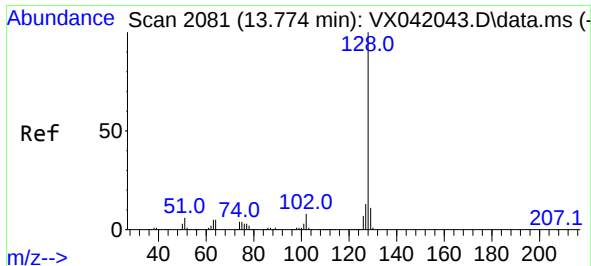
Tgt Ion: 75 Resp: 49538
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion:180 Resp: 567
Ion Ratio Lower Upper
180 100
182 113.1 48.3 144.8
145 23.6 18.0 54.0

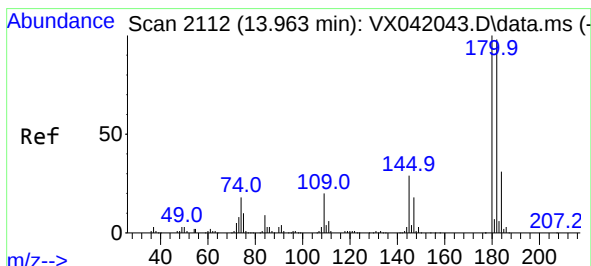
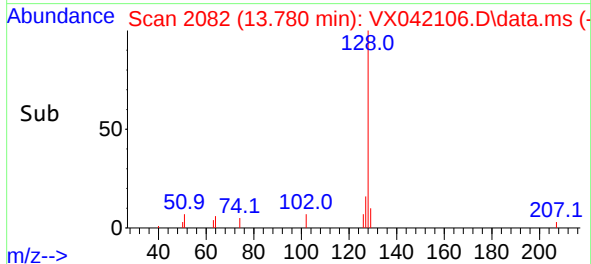
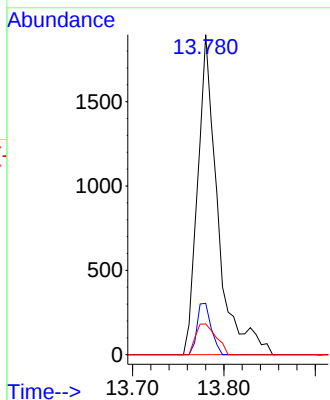
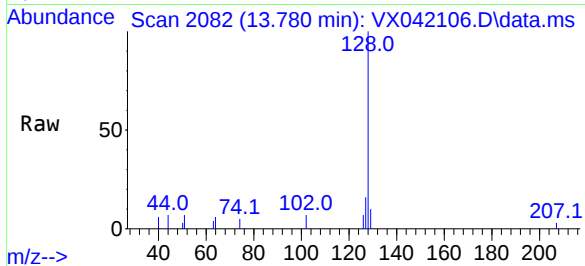




#95
Naphthalene
Concen: 1.069 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627DL

Tgt Ion:128	Resp:	2901
Ion Ratio	Lower	Upper
128	100	
127	11.2	10.3 15.5
129	9.7	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.216 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX042106.D
Acq: 01 Jul 2024 12:02

Tgt Ion:180	Resp:	604
Ion Ratio	Lower	Upper
180	100	
182	102.0	46.9 140.6
145	35.9	17.8 53.5

