

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037755.D
 Acq On : 15 Sep 2023 15:16
 Operator : JC/MD
 Sample : 04390-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-98-100

Quant Time: Sep 16 05:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	218063	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	355941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129671	45.260	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.520%
35) Dibromofluoromethane	5.391	113	108873	45.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	426849	48.236	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	143388	44.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.180%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	680	0.272	ug/l	91
5) Bromomethane	1.599	94	836	0.433	ug/l	100
11) Tert butyl alcohol	2.965	59	525	0.854	ug/l	# 78
13) Acrolein	2.233	56	534	0.879	ug/l	85
15) Acrylonitrile	3.075	53	491	0.359	ug/l	95
16) Acetone	2.380	43	8564	6.214	ug/l	# 85
17) Carbon Disulfide	2.508	76	3310	0.621	ug/l	# 94
20) Methylene Chloride	2.788	84	1187	0.441	ug/l	# 83
21) trans-1,2-Dichloroethene	3.093	96	496	0.210	ug/l	# 73
25) 2-Butanone	4.580	43	3456	1.777	ug/l	96
29) Tetrahydrofuran	5.038	42	272	0.225	ug/l	# 55
31) Cyclohexane	5.550	56	5024	1.366	ug/l	# 1
36) 1,1-Dichloropropene	5.696	75	759	0.231	ug/l	# 59
38) Carbon Tetrachloride	5.550	117	22093	6.436	ug/l	# 16
44) Trichloroethene	7.135	130	1508	0.537	ug/l	91
49) 1,4-Dioxane	7.671	88	96	1.328	ug/l	# 45
51) 4-Methyl-2-Pentanone	8.580	43	1028	0.281	ug/l	# 85
59) 2-Hexanone	9.452	43	812	0.285	ug/l	95
64) Tetrachloroethene	9.275	164	717	0.326	ug/l	93
65) Chlorobenzene	10.080	112	1637	0.236	ug/l	93
67) Ethyl Benzene	10.201	91	2541	0.211	ug/l	93
68) m/p-Xylenes	10.305	106	2221	0.477	ug/l	93
70) Styrene	10.665	104	1522	0.203	ug/l	97
73) Isopropylbenzene	10.964	105	2184	0.212	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	73285	22.555	ug/l	# 39
77) Bromobenzene	11.201	156	597	0.234	ug/l	89
78) n-propylbenzene	11.305	91	3933	0.338	ug/l	95
79) 2-Chlorotoluene	11.366	91	2675	0.373	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	2798	0.321	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	73285	72.252	ug/l	# 5
82) 4-Chlorotoluene	11.457	91	3825	0.473	ug/l	95
83) tert-Butylbenzene	11.719	119	1870	0.213	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	3447	0.398	ug/l	99
85) sec-Butylbenzene	11.890	105	3180	0.298	ug/l	99
86) p-Isopropyltoluene	12.012	119	3599	0.405	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	2868	0.603	ug/l	96

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QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

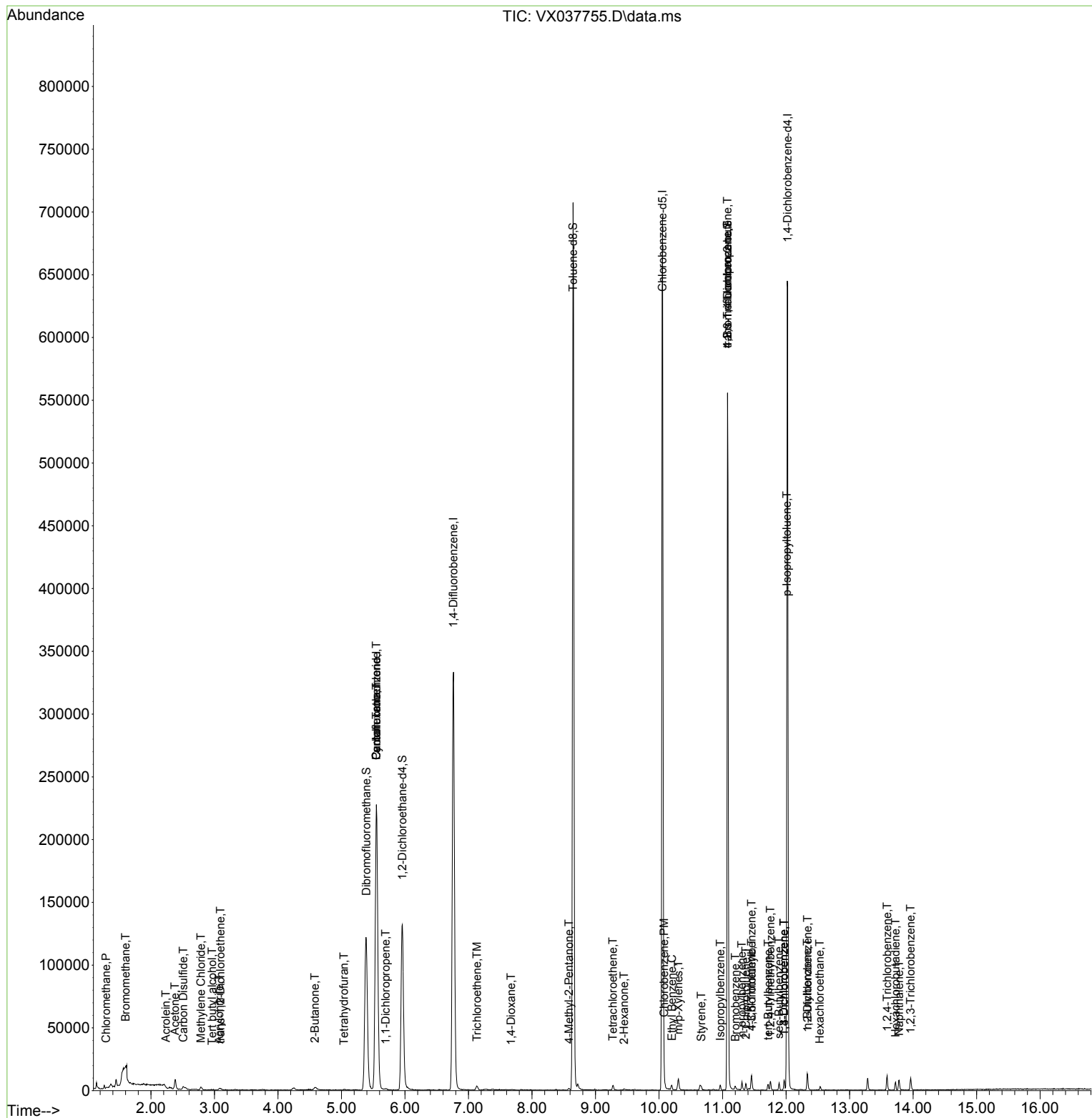
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.969	146	2868	0.589	ug/l	97
89) n-Butylbenzene	12.335	91	4069	0.522	ug/l	95
90) Hexachloroethane	12.530	117	361	0.240	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	2015	0.415	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	2999	1.049	ug/l	98
94) Hexachlorobutadiene	13.725	225	948	0.710	ug/l	89
95) Naphthalene	13.780	128	6308	0.652	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	2575	0.875	ug/l	95

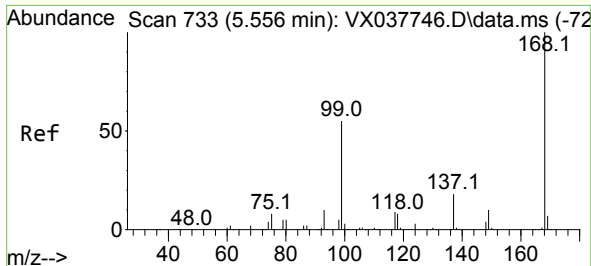
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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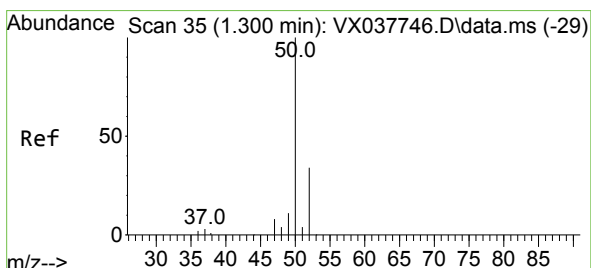
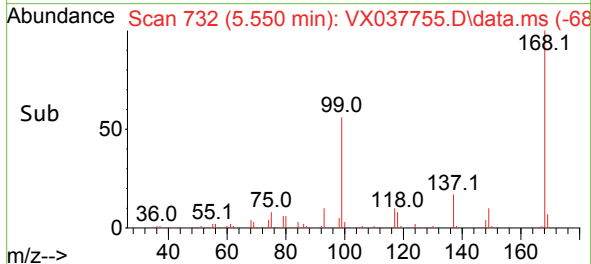
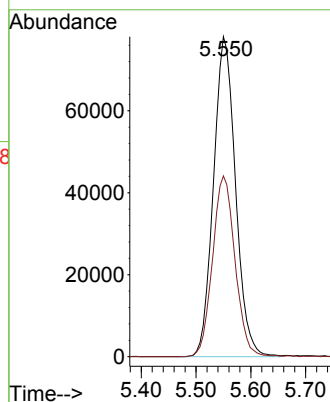
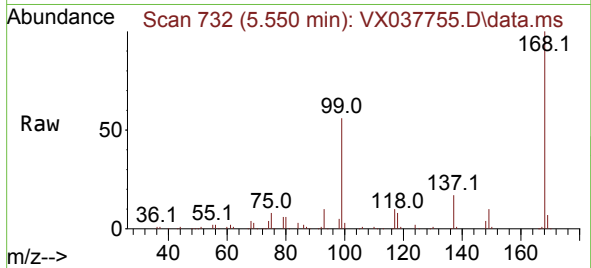




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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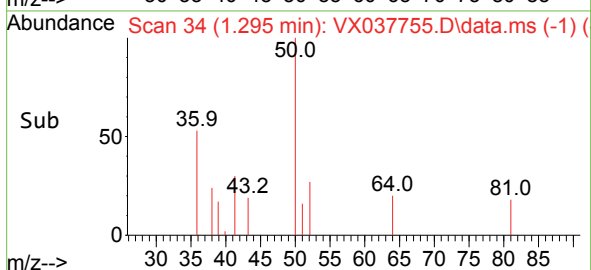
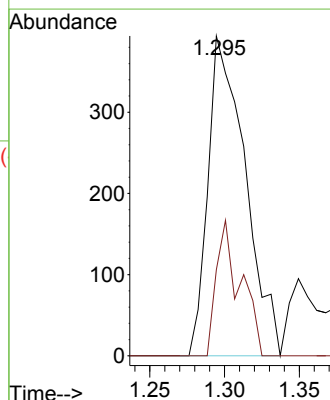
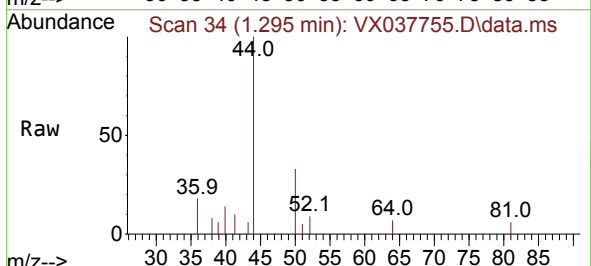
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

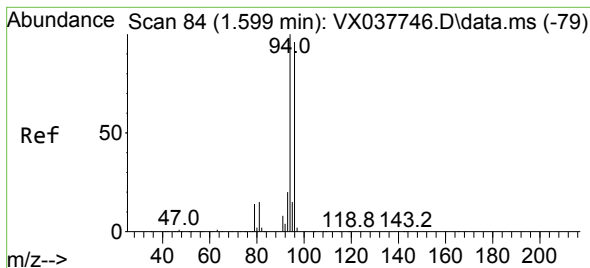
Tgt Ion:168 Resp: 218063
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 26.9 25.5 38.3





#5

Bromomethane

Concen: 0.433 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

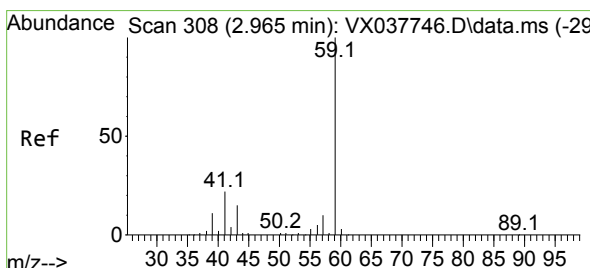
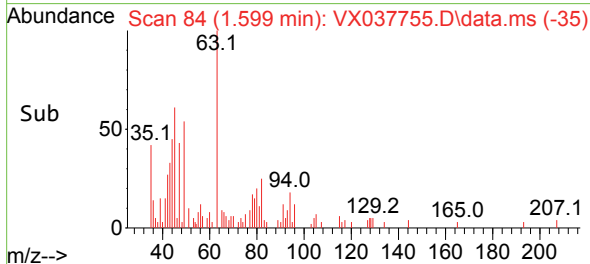
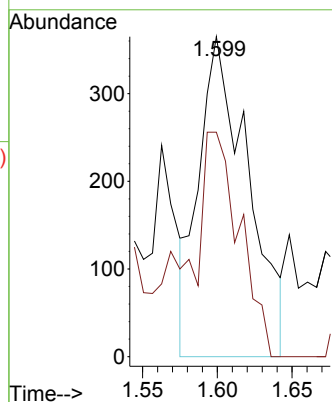
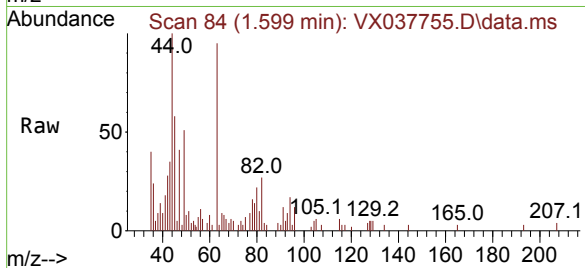
BP-VPB-RW10A-GW-98-100

Tgt Ion: 94 Resp: 836

Ion Ratio Lower Upper

94 100

96 93.1 74.6 111.8



#11

Tert butyl alcohol

Concen: 0.854 ug/l

RT: 2.965 min Scan# 308

Delta R.T. 0.000 min

Lab File: VX037755.D

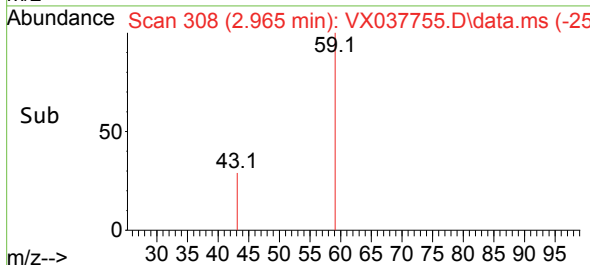
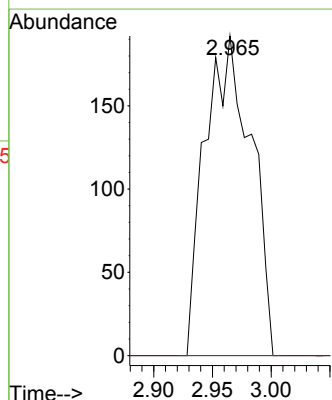
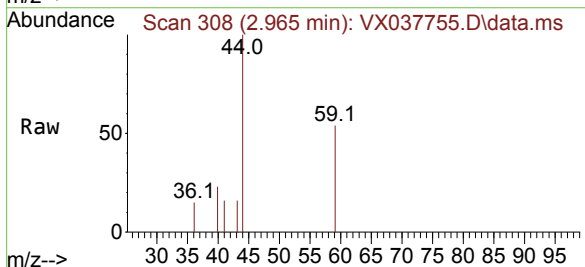
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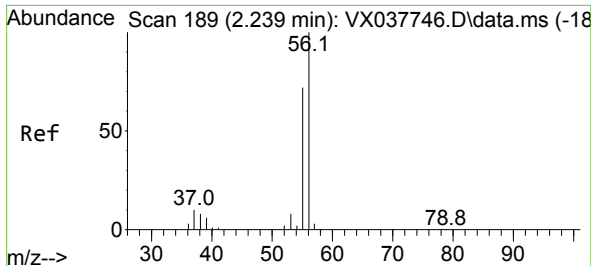
Tgt Ion: 59 Resp: 525

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

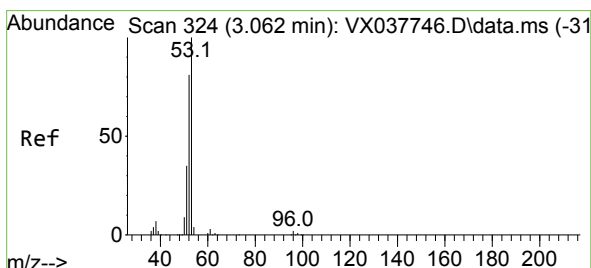
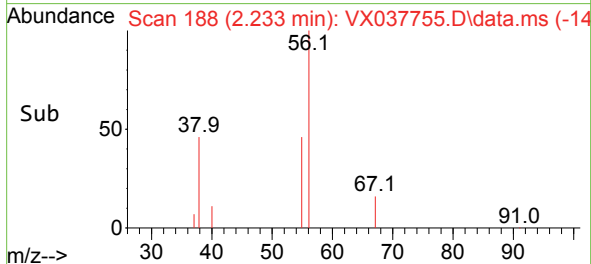
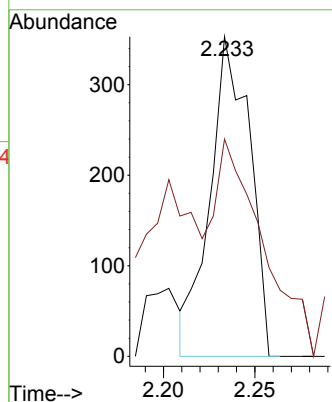
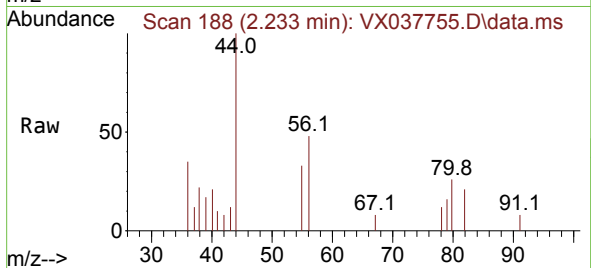




#13
Acrolein
Concen: 0.879 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037755.D
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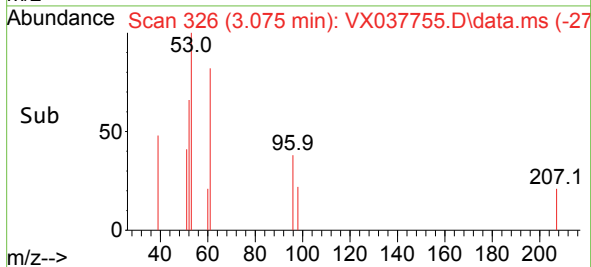
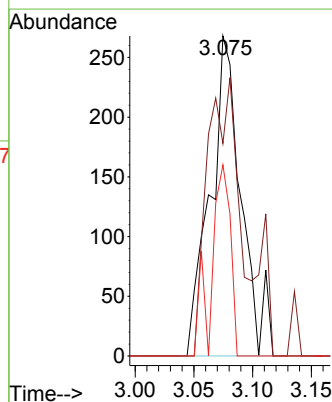
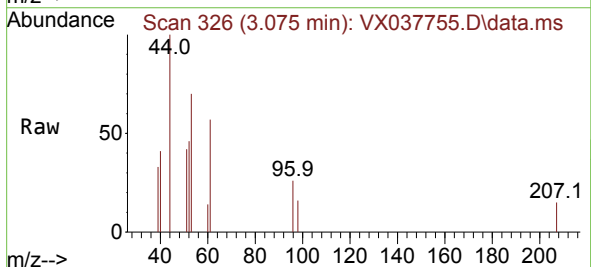
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

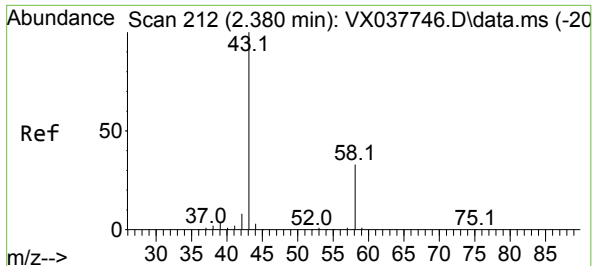
Tgt Ion: 56 Resp: 534
Ion Ratio Lower Upper
56 100
55 83.9 57.1 85.7



#15
Acrylonitrile
Concen: 0.359 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 53 Resp: 491
Ion Ratio Lower Upper
53 100
52 88.2 66.0 99.0
51 36.9 29.8 44.6

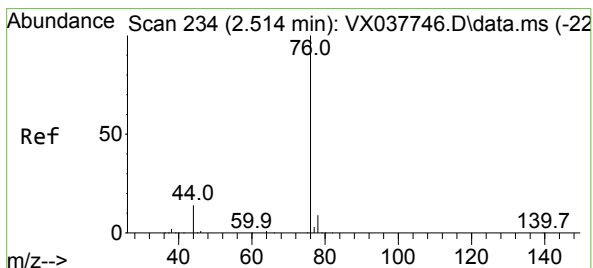
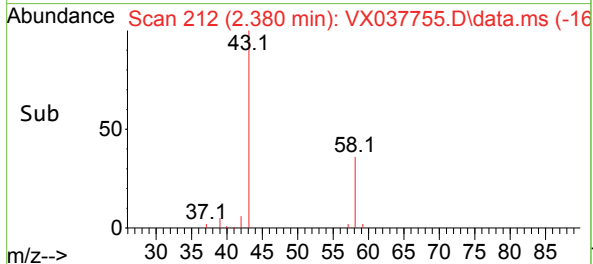
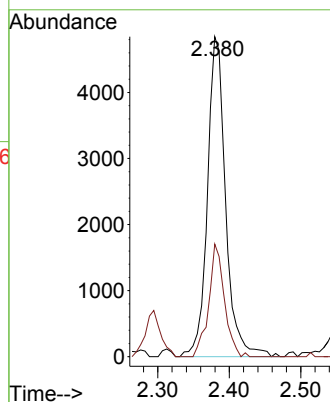
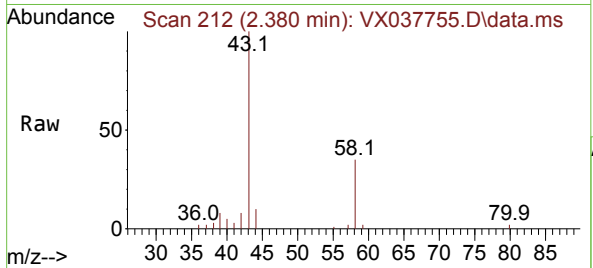




#16
Acetone
Concen: 6.214 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

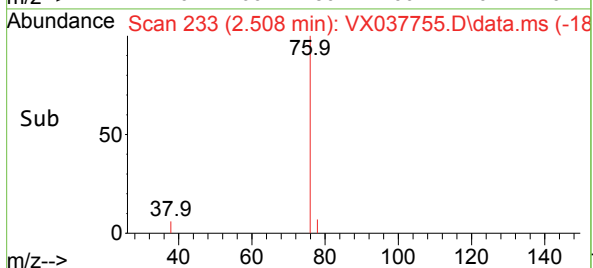
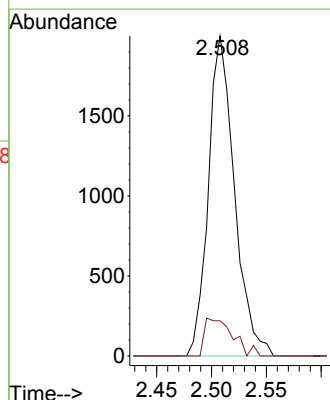
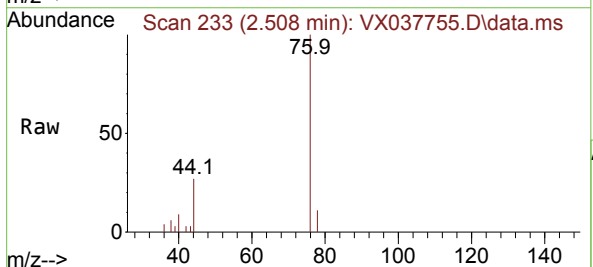
Instrument :
MSVOA_X
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BP-VPB-RW10A-GW-98-100

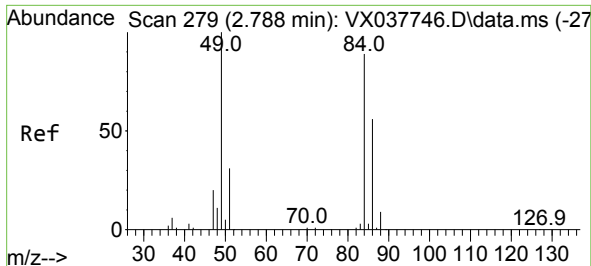
Tgt Ion: 43 Resp: 8564
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.621 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 76 Resp: 3310
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.6#

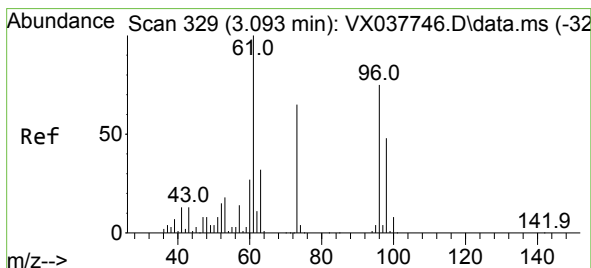
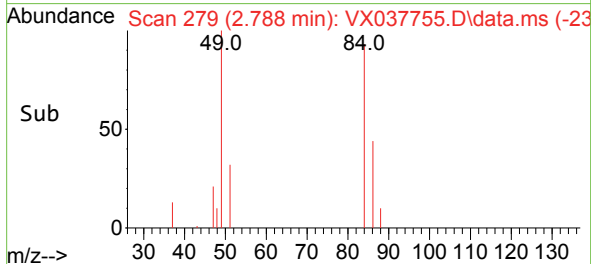
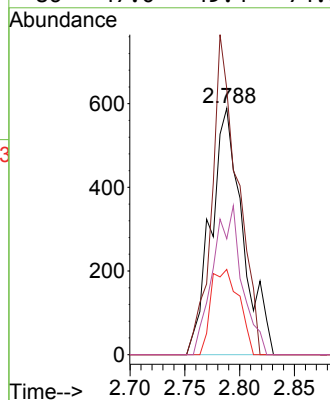
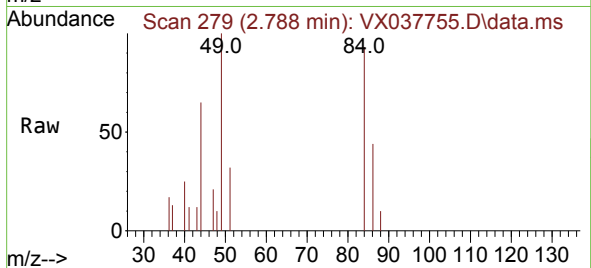




#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

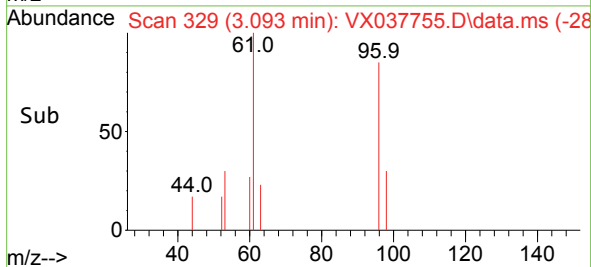
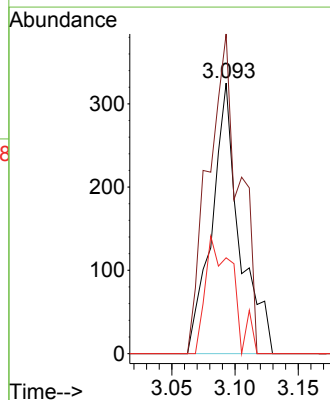
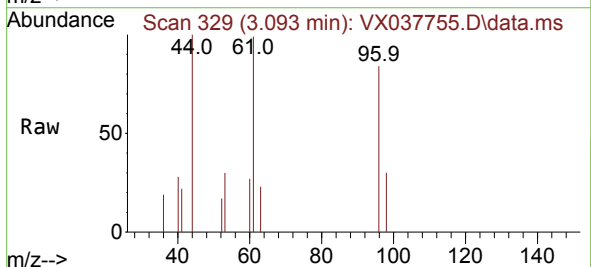
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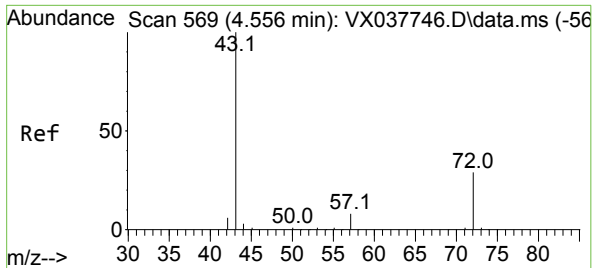
Tgt Ion:	84	Resp:	1187
Ion	Ratio	Lower	Upper
84	100		
49	108.0	103.6	155.4
51	34.6	33.8	50.6
86	47.0	49.4	74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion:	96	Resp:	496
Ion	Ratio	Lower	Upper
96	100		
61	118.2	119.2	178.8#
98	35.4	48.7	73.1#

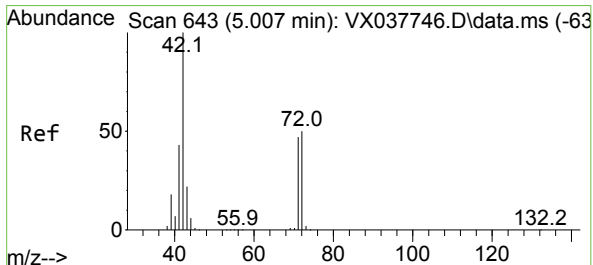
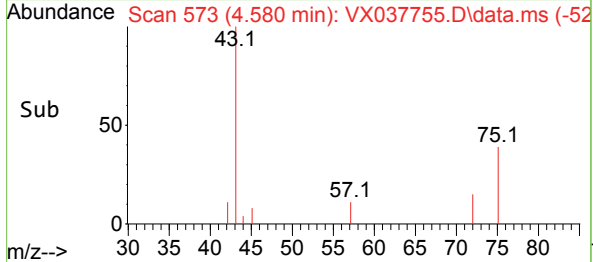
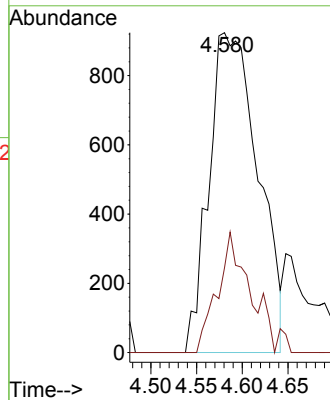
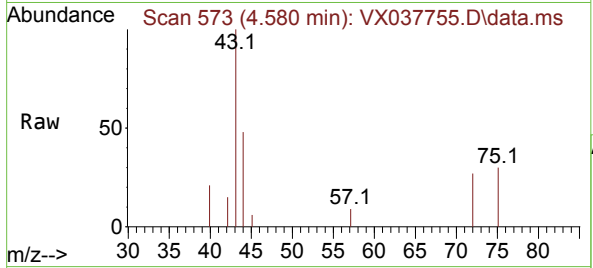




#25
2-Butanone
Concen: 1.777 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

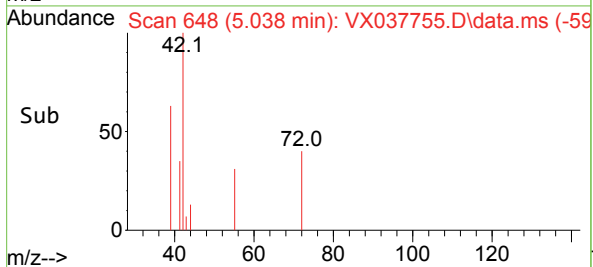
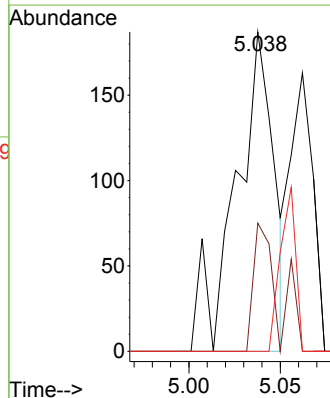
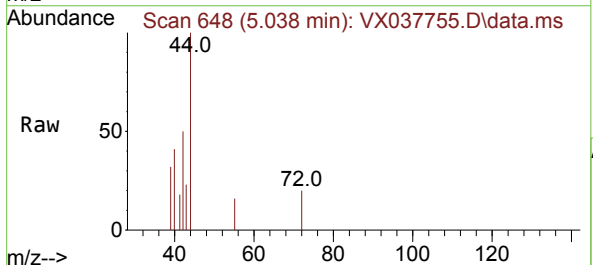
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

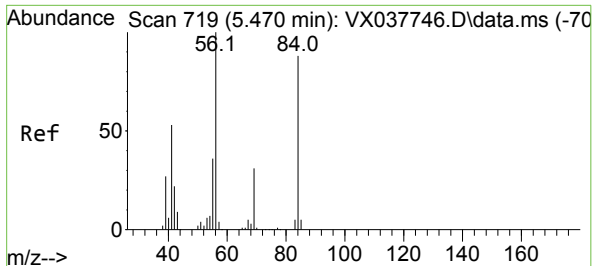
Tgt Ion: 43 Resp: 3456
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.225 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 42 Resp: 272
Ion Ratio Lower Upper
42 100
72 25.7 34.2 51.4#
71 0.0 32.2 48.2#

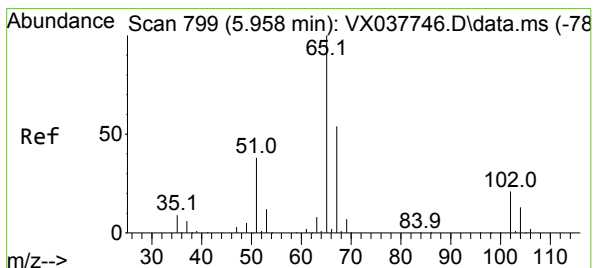
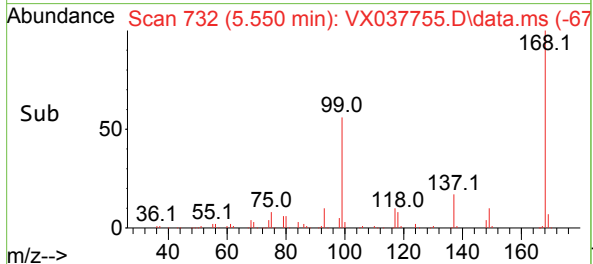
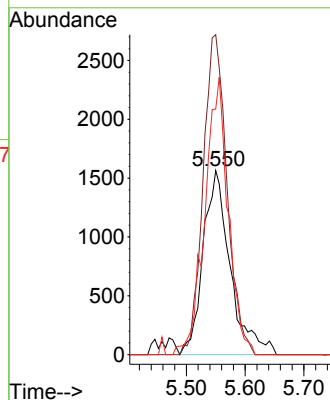
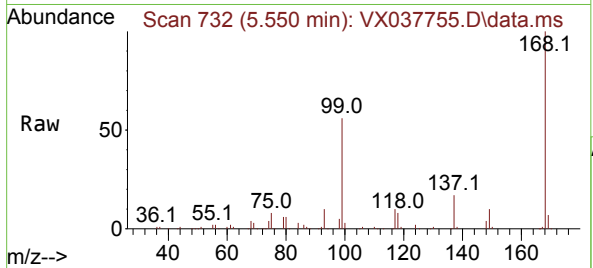




#31
Cyclohexane
Concen: 1.366 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

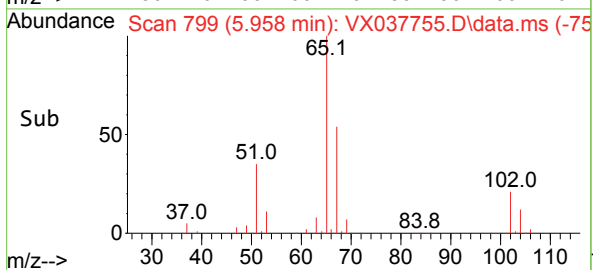
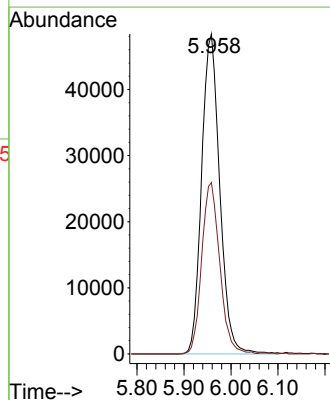
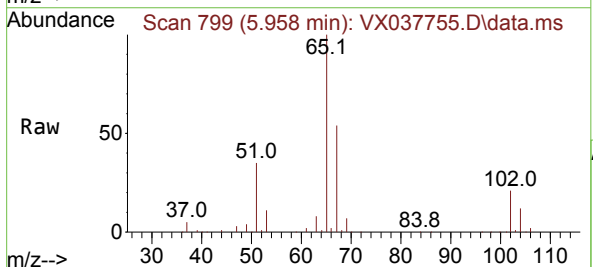
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

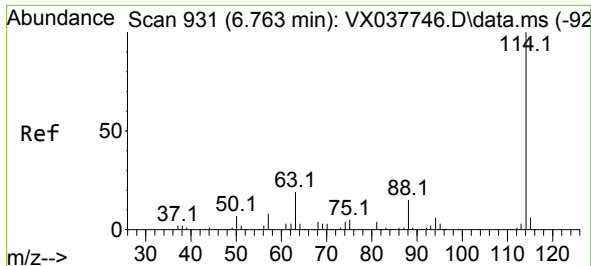
Tgt Ion: 56 Resp: 5024
Ion Ratio Lower Upper
56 100
69 173.8 23.4 35.2#
84 133.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.260 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 65 Resp: 129671
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

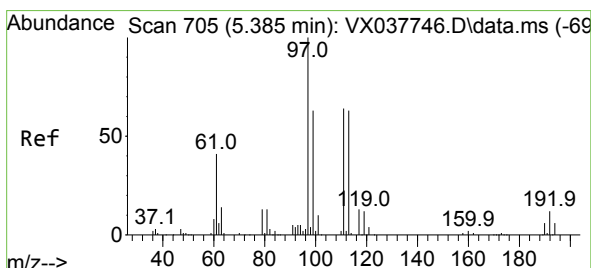
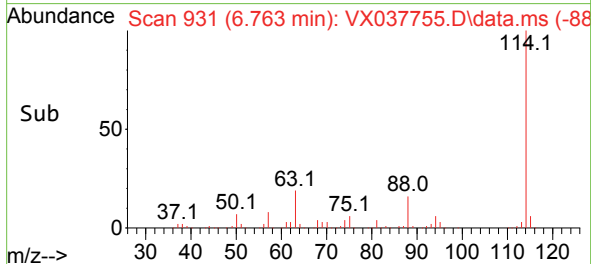
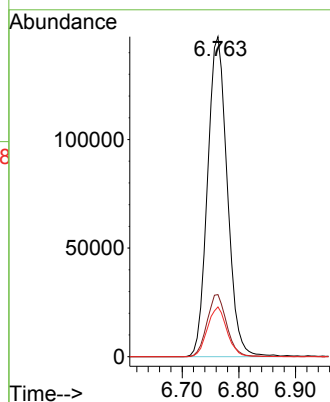
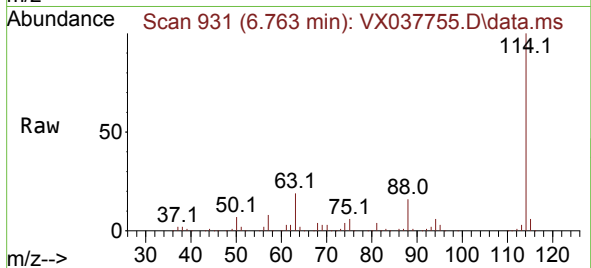




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

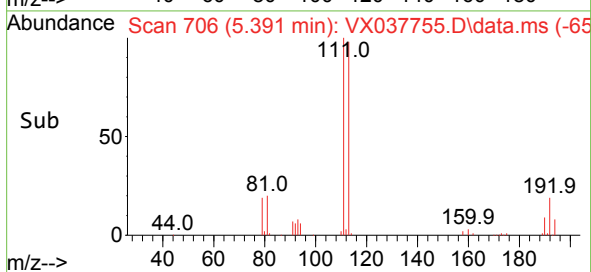
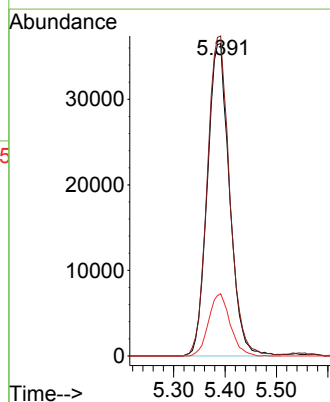
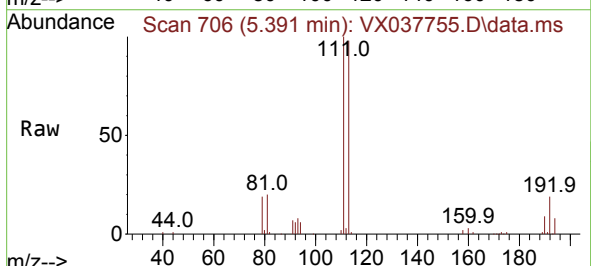
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

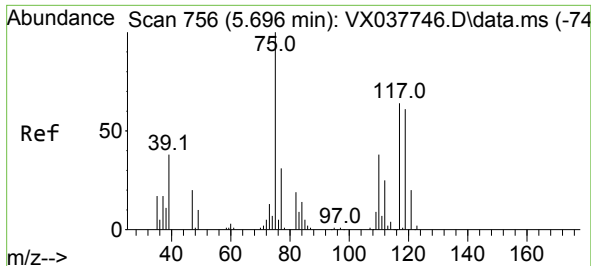
Tgt Ion:114 Resp: 355941
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.714 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

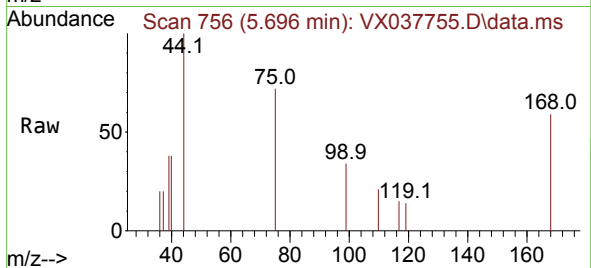
Tgt Ion:113 Resp: 108873
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.4 13.3 19.9



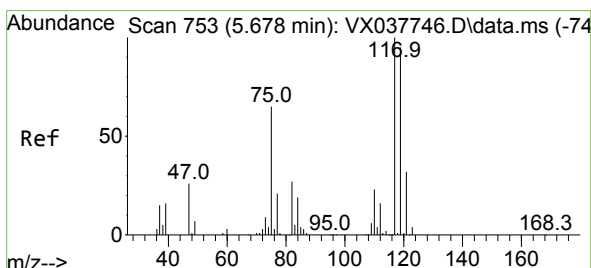
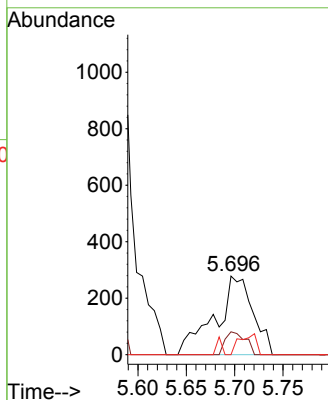
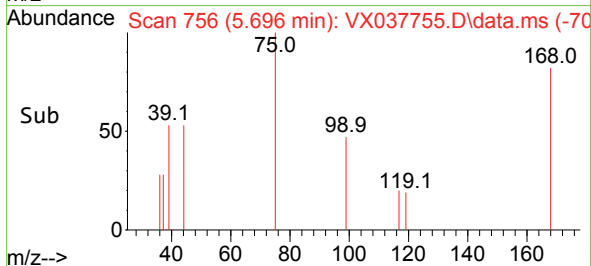


#36
1,1-Dichloropropene
Concen: 0.231 ug/l
RT: 5.696 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

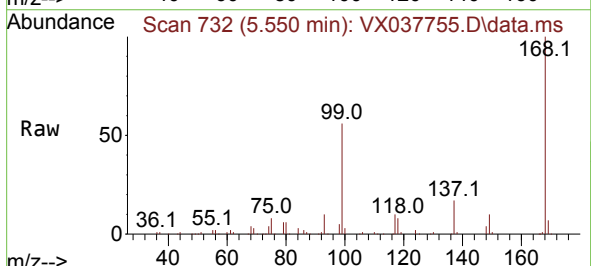
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100



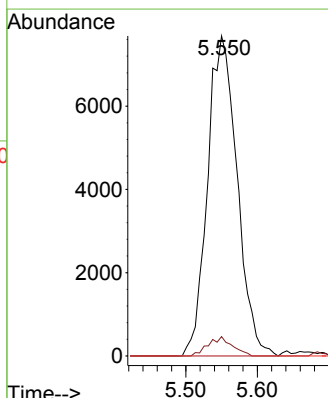
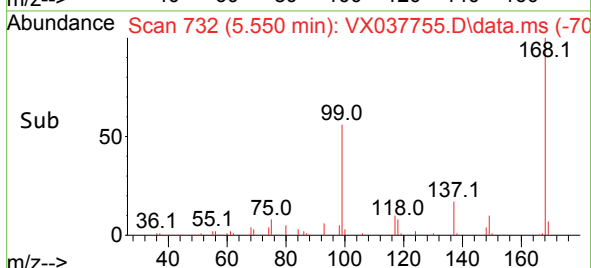
Tgt Ion: 75 Resp: 759
Ion Ratio Lower Upper
75 100
110 15.4 17.0 50.9#
77 3.0 24.7 37.1#

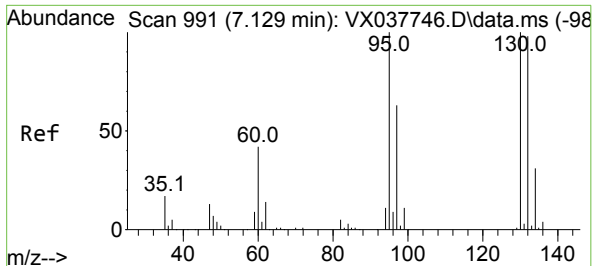


#38
Carbon Tetrachloride
Concen: 6.436 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16



Tgt Ion: 117 Resp: 22093
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

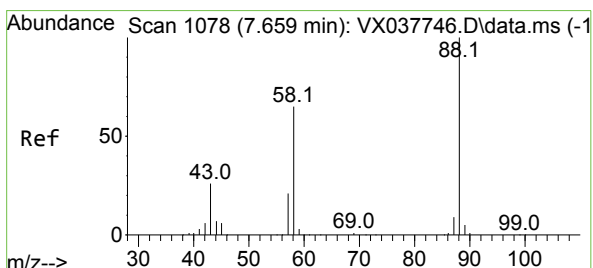
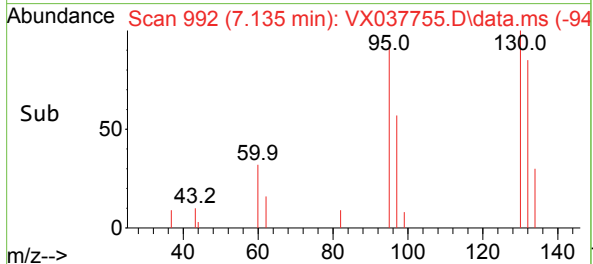
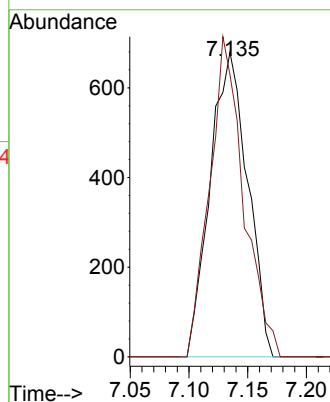
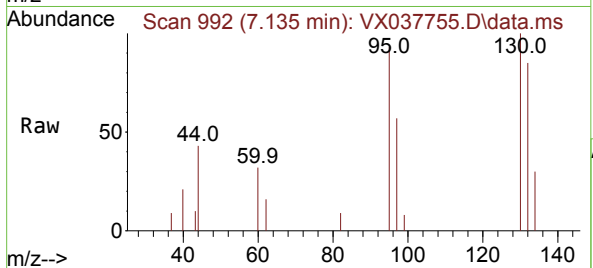




#44
Trichloroethene
Concen: 0.537 ug/l
RT: 7.135 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

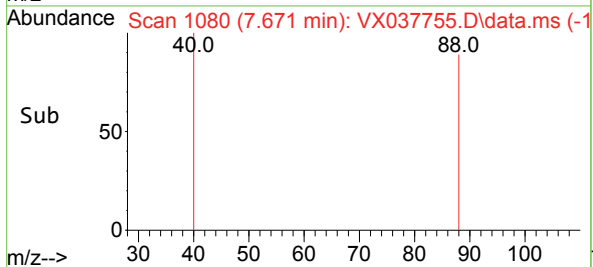
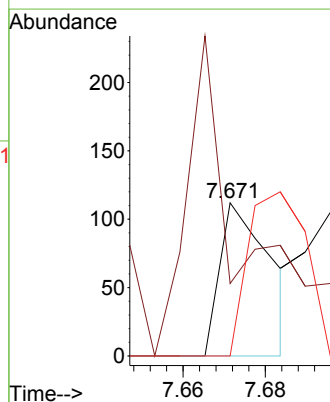
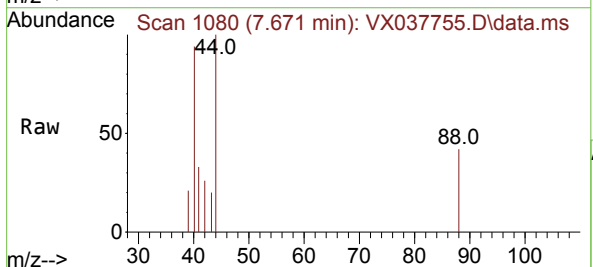
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

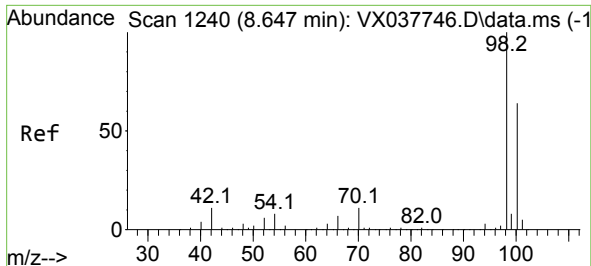
Tgt Ion:130 Resp: 1508
Ion Ratio Lower Upper
130 100
95 92.6 0.0 204.4



#49
1,4-Dioxane
Concen: 1.328 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 88 Resp: 96
Ion Ratio Lower Upper
88 100
43 301.0 0.0 0.0#
58 121.9 60.1 90.1#

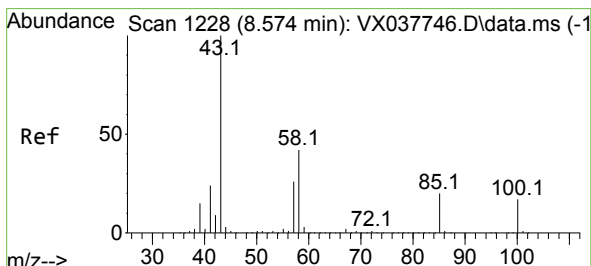
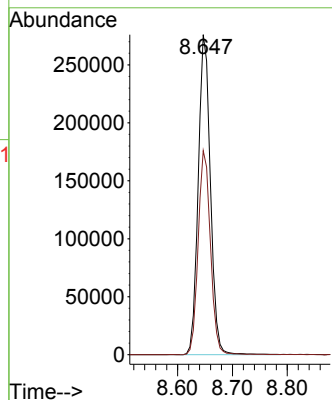
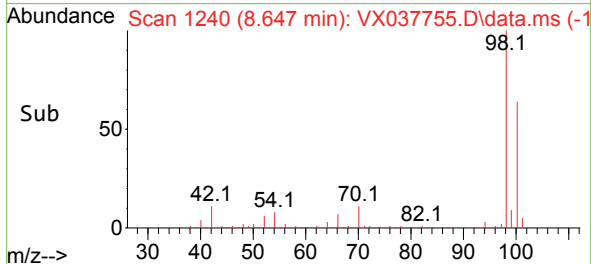
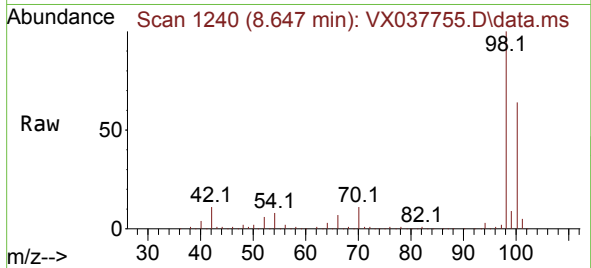




#50
Toluene-d8
Concen: 48.236 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

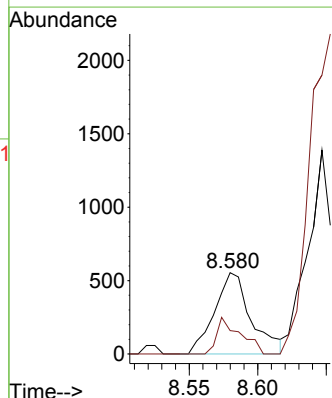
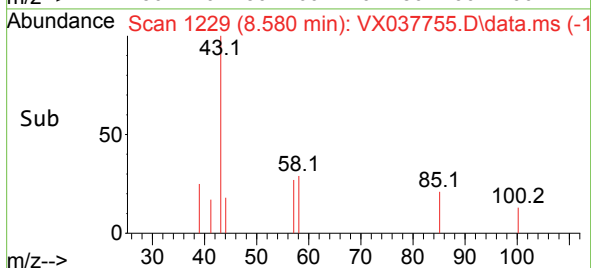
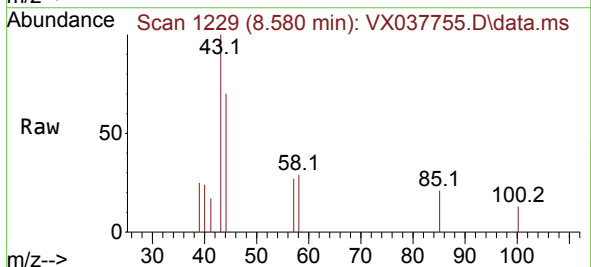
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

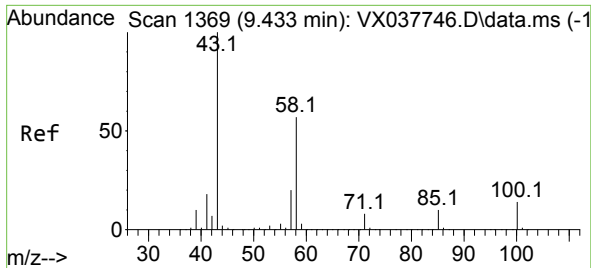
Tgt Ion: 98 Resp: 426849
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.281 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 29.0 30.4 45.6#

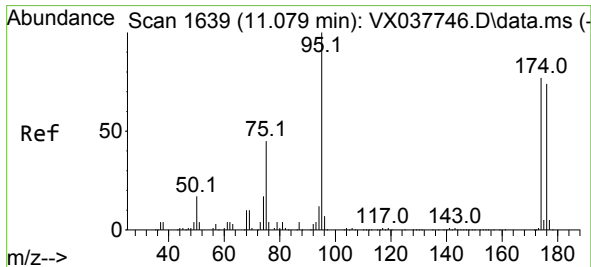
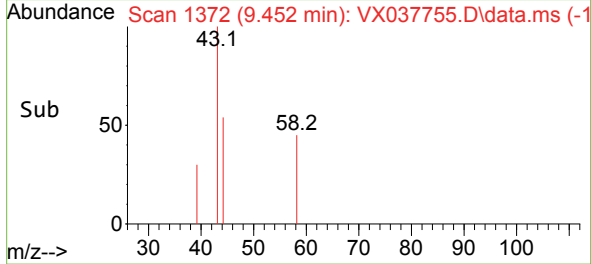
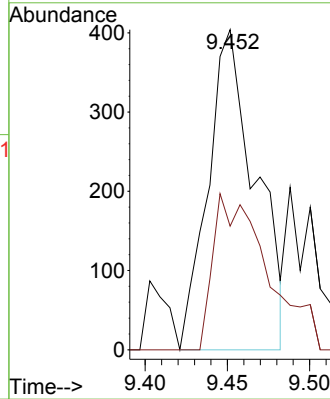
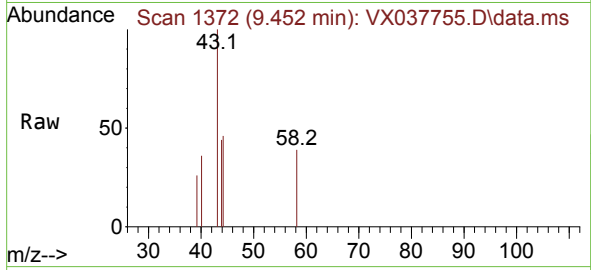




#59
2-Hexanone
Concen: 0.285 ug/l
RT: 9.452 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

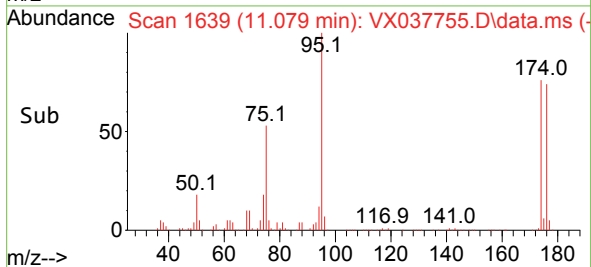
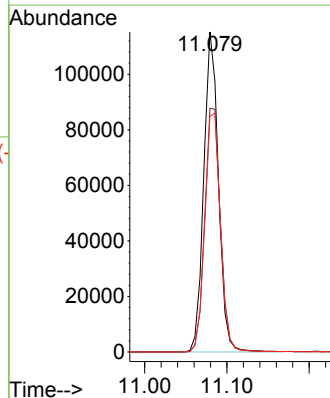
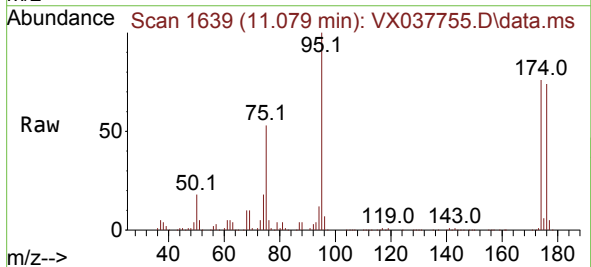
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

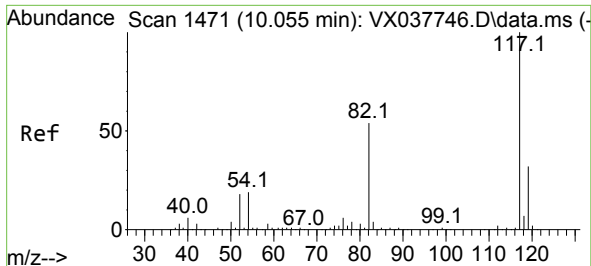
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 55.5 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 44.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 95 Resp: 143388
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 79.8 0.0 131.0

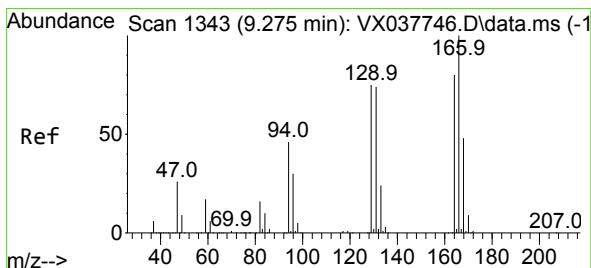
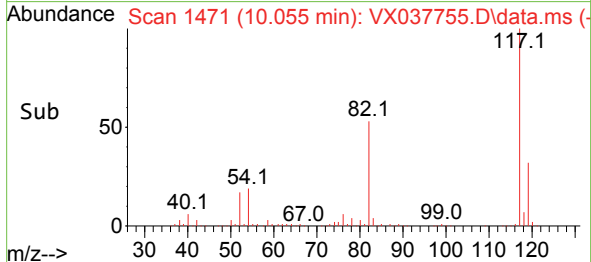
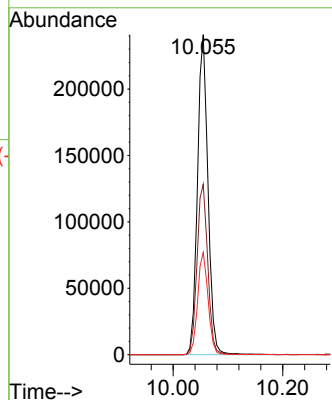
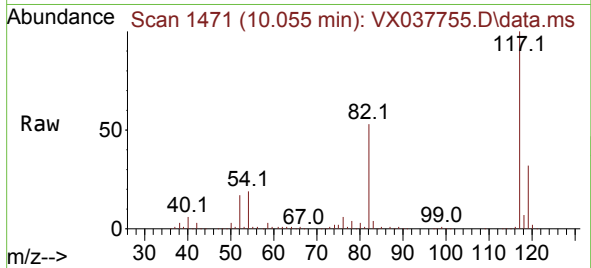




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

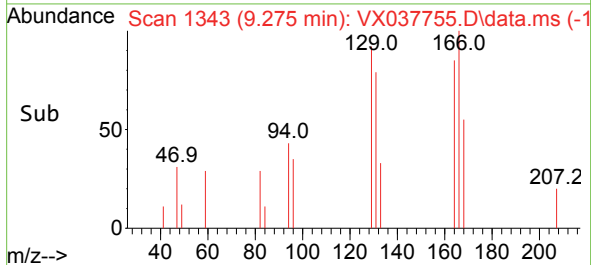
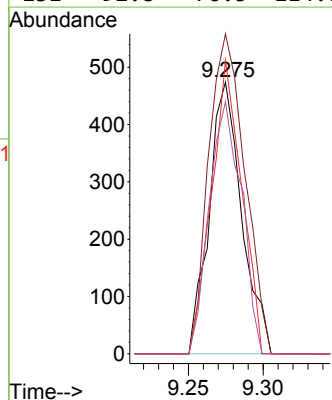
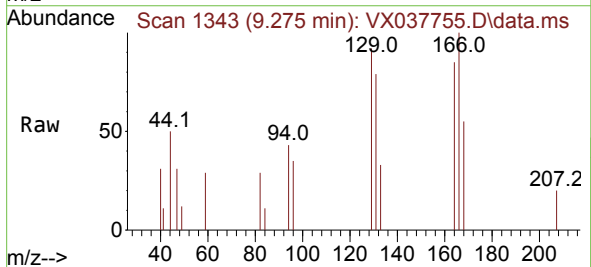
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

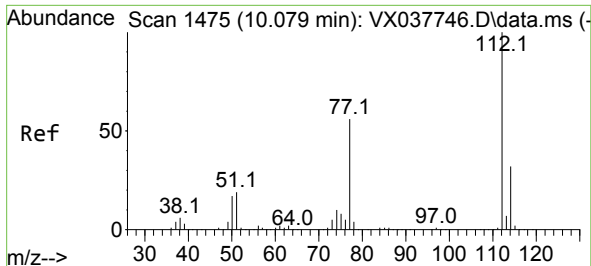
Tgt Ion:117 Resp: 322021
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.326 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion:164 Resp: 717
Ion Ratio Lower Upper
164 100
166 117.7 102.7 154.1
129 108.0 80.4 120.6
131 92.8 76.5 114.7

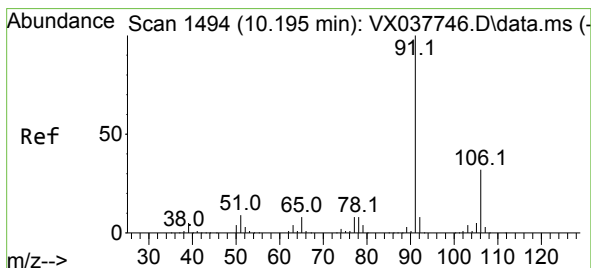
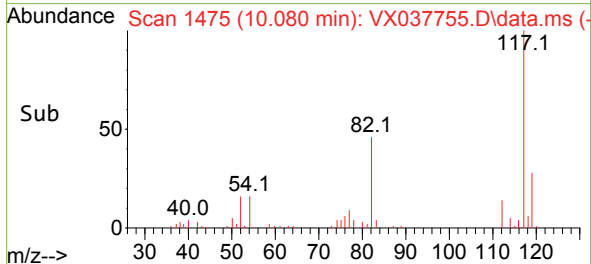
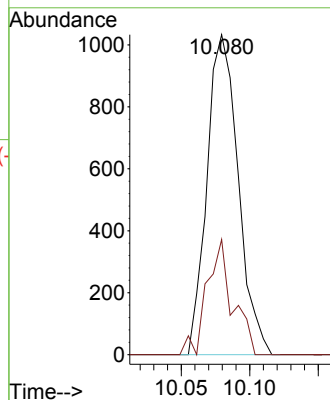
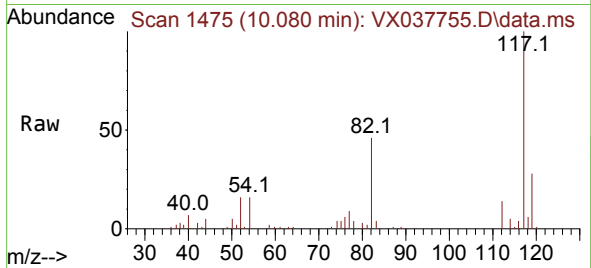




#65
Chlorobenzene
Concen: 0.236 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

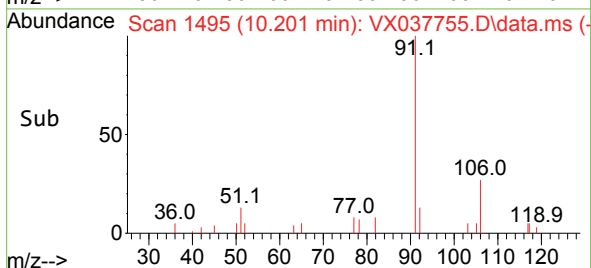
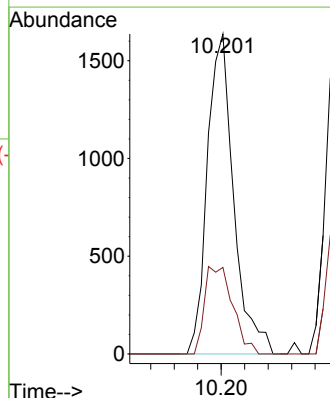
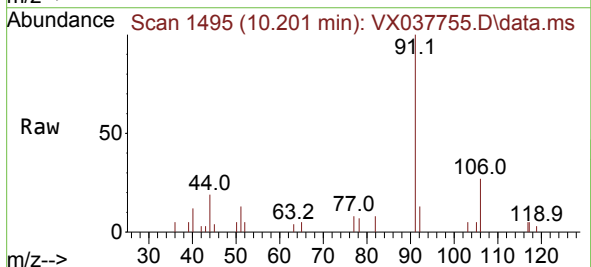
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

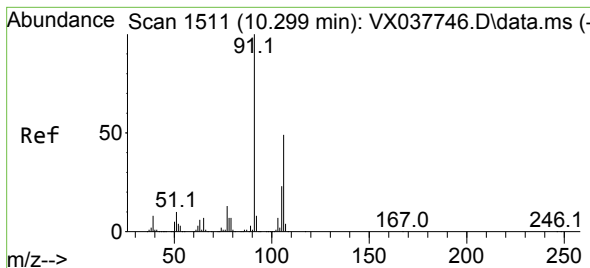
Tgt Ion:112 Resp: 1637
Ion Ratio Lower Upper
112 100
114 36.0 25.7 38.5



#67
Ethyl Benzene
Concen: 0.211 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 91 Resp: 2541
Ion Ratio Lower Upper
91 100
106 27.1 24.9 37.3

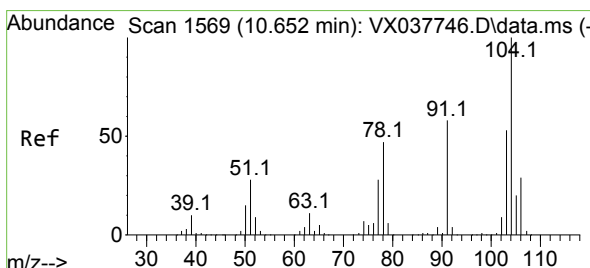
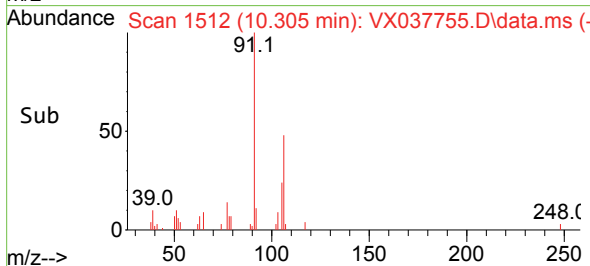
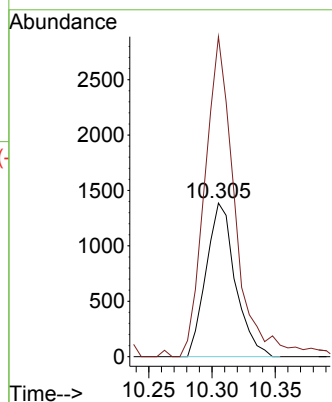
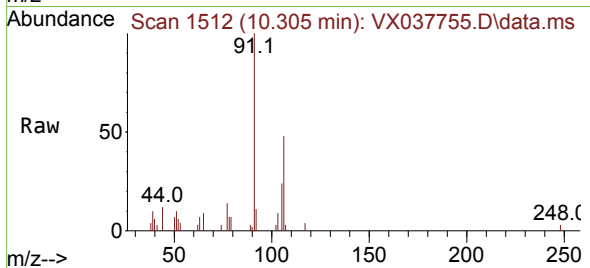




#68
m/p-Xylenes
Concen: 0.477 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

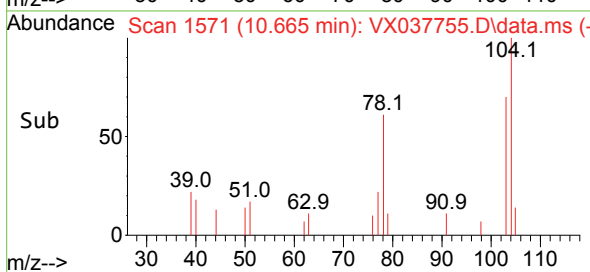
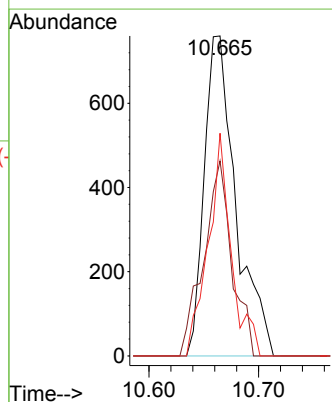
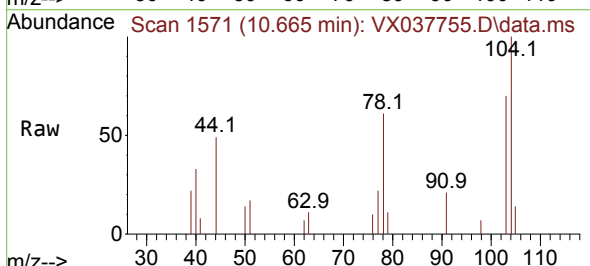
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

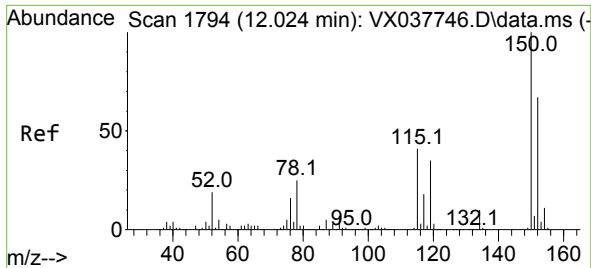
Tgt Ion:106 Resp: 2221
Ion Ratio Lower Upper
106 100
91 218.0 165.5 248.3



#70
Styrene
Concen: 0.203 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion:104 Resp: 1522
Ion Ratio Lower Upper
104 100
78 54.3 43.6 65.4
103 50.8 43.6 65.4

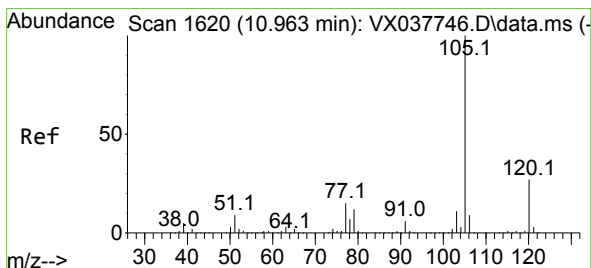
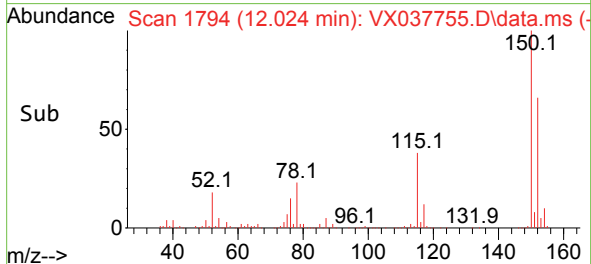
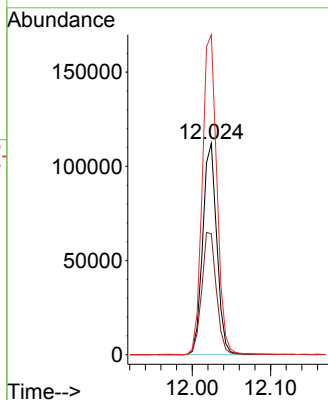
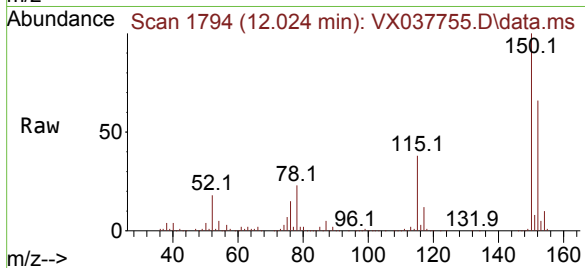




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

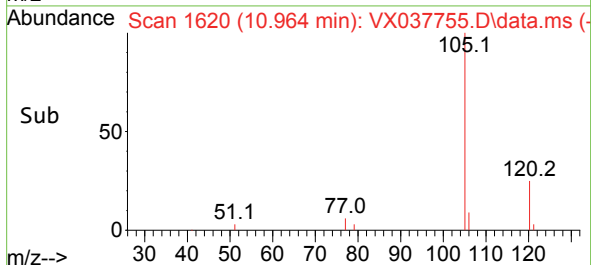
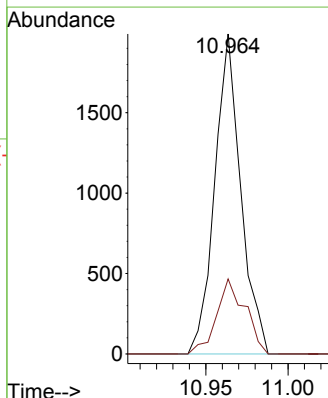
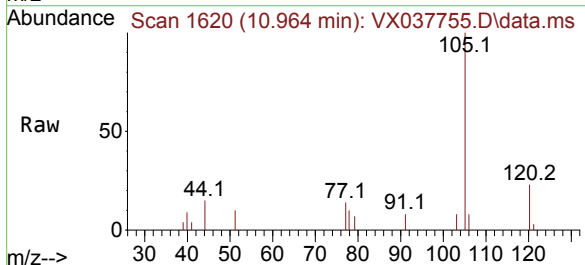
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

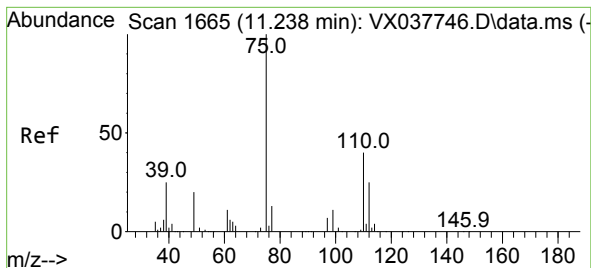
Tgt Ion:152 Resp: 140480
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 156.2 0.0 345.0



#73
Isopropylbenzene
Concen: 0.212 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion:105 Resp: 2184
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

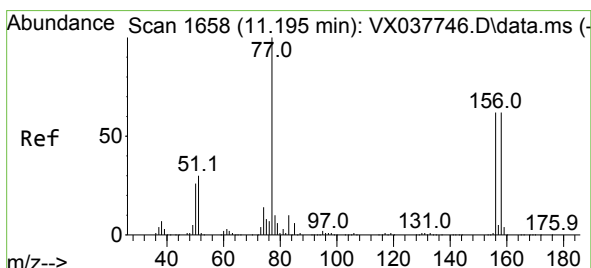
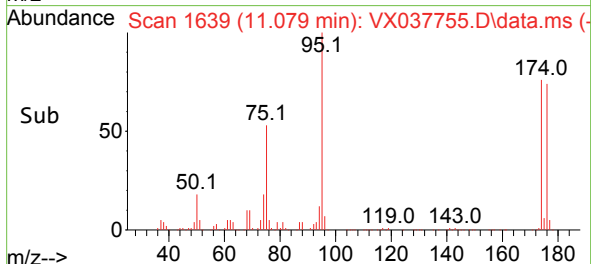
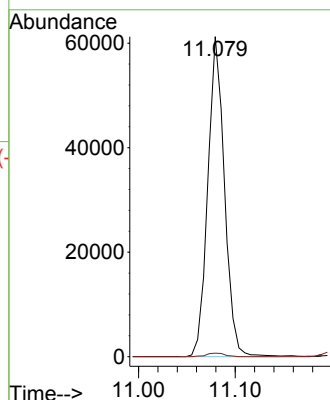
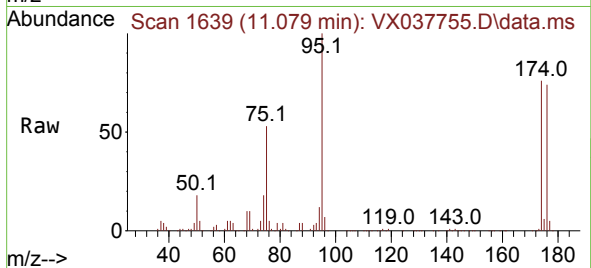




#76
1,2,3-Trichloropropane
Concen: 22.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

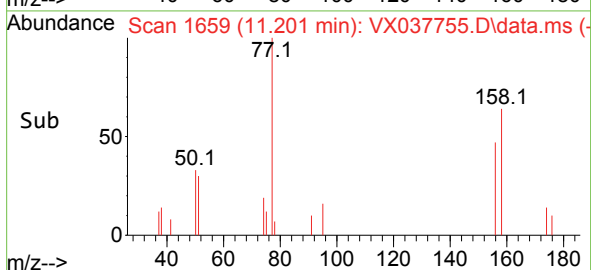
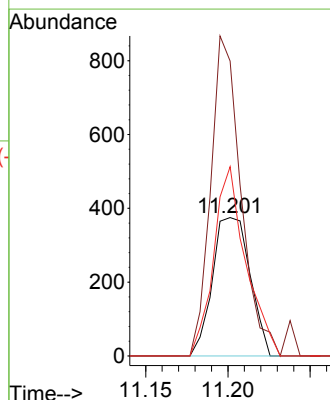
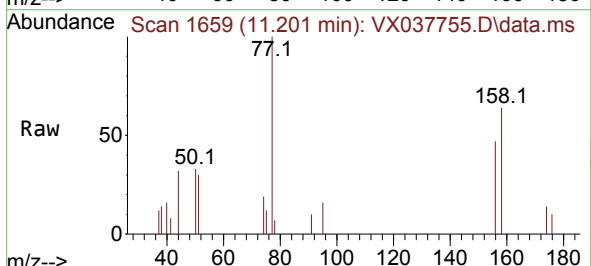
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-GW-98-100

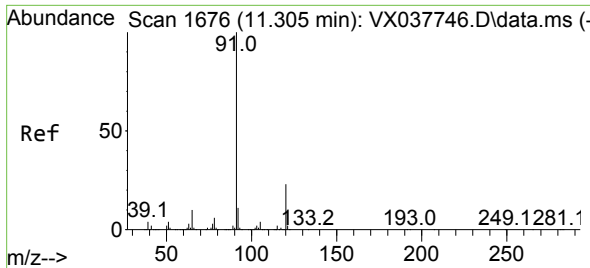
Tgt Ion: 75 Resp: 73285
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#77
Bromobenzene
Concen: 0.234 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion:156 Resp: 597
Ion Ratio Lower Upper
156 100
77 185.4 88.4 265.3
158 116.9 48.0 144.0

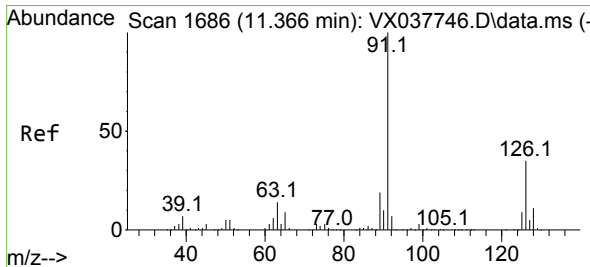
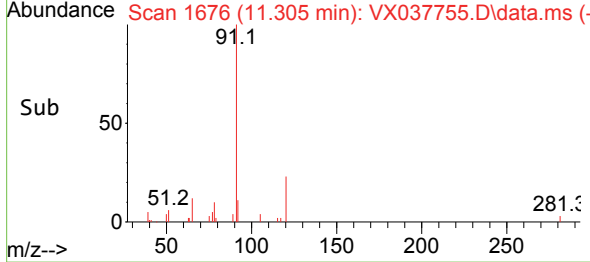
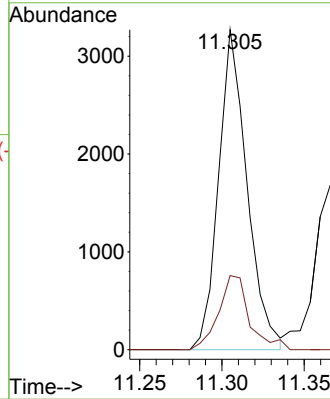
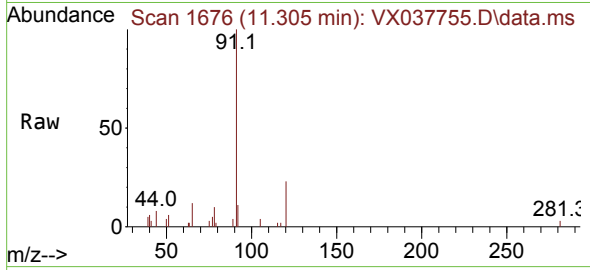




#78
n-propylbenzene
Concen: 0.338 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

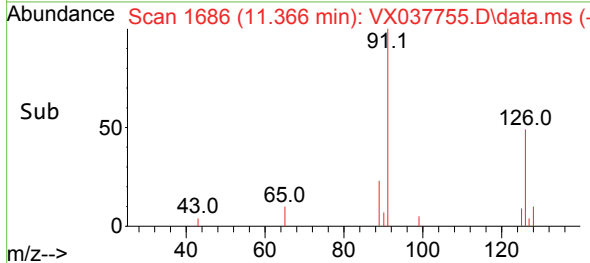
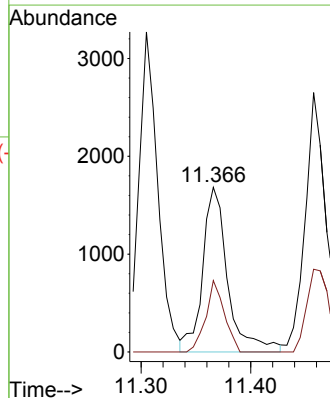
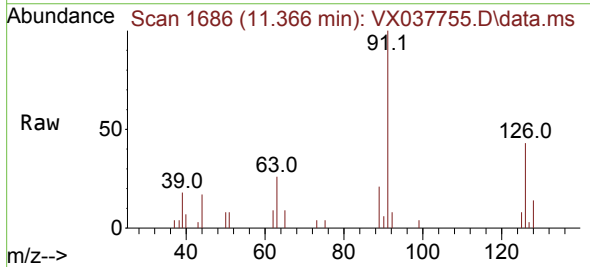
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

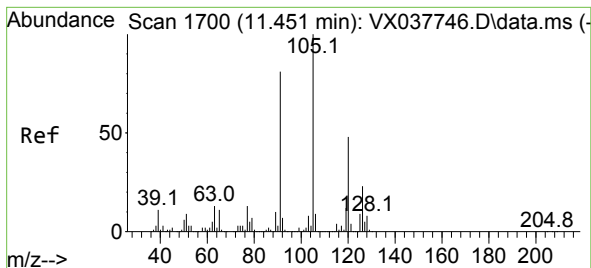
Tgt Ion: 91 Resp: 3933
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.373 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 91 Resp: 2675
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.321 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

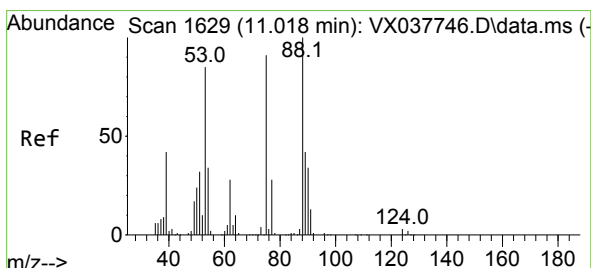
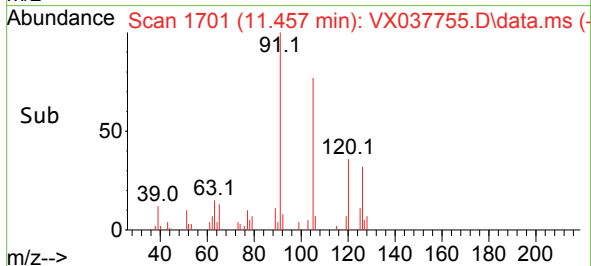
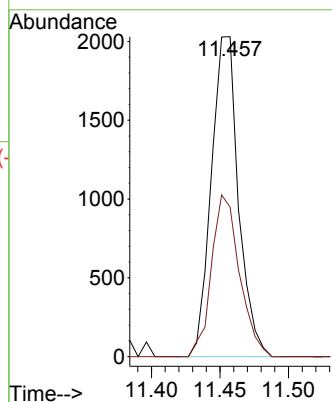
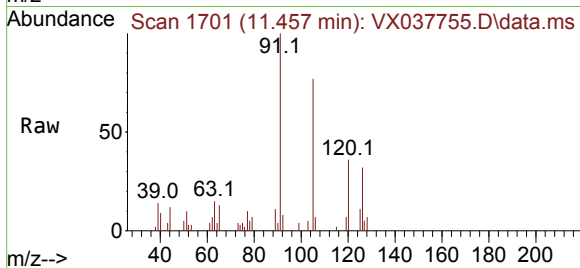
BP-VPB-RW10A-GW-98-100

Tgt Ion:105 Resp: 2798

Ion Ratio Lower Upper

105 100

120 52.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 72.252 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

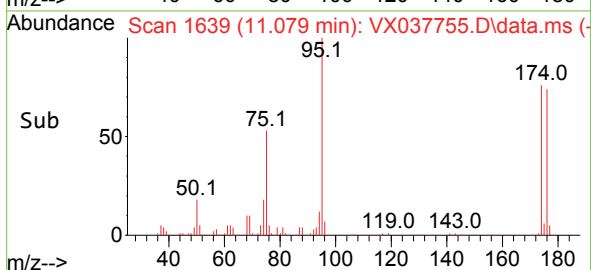
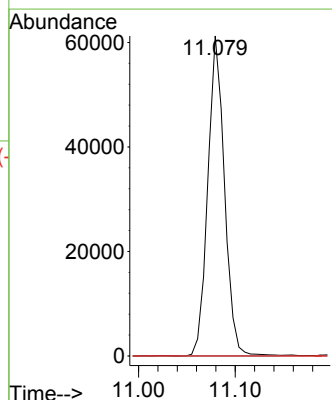
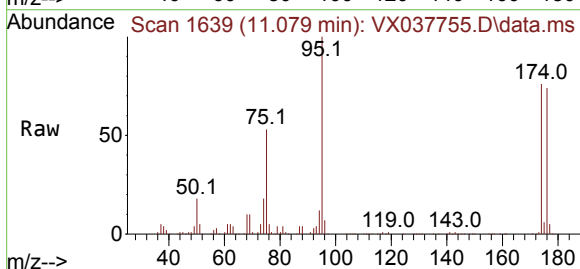
Tgt Ion: 75 Resp: 73285

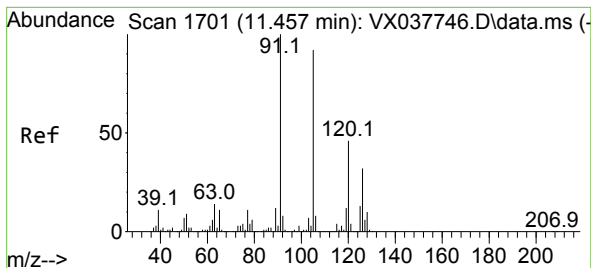
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

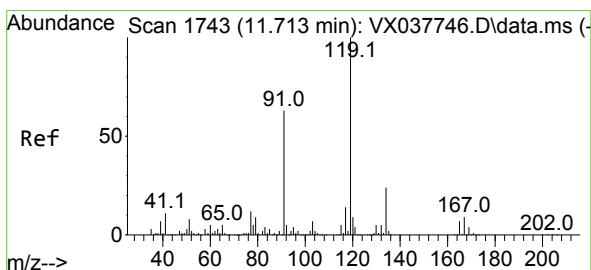
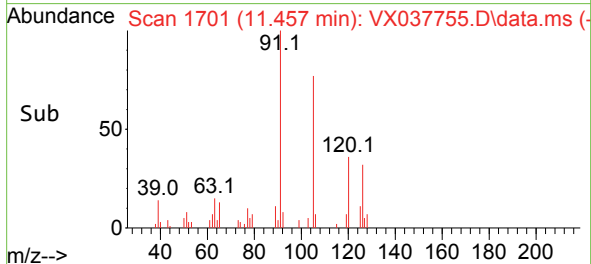
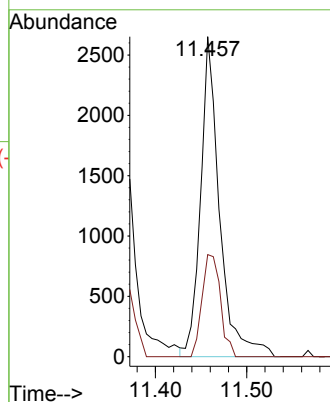
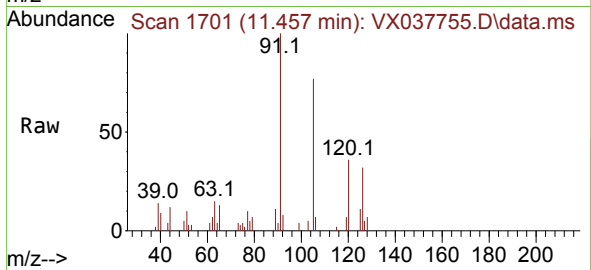




#82
4-Chlorotoluene
Concen: 0.473 ug/l
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

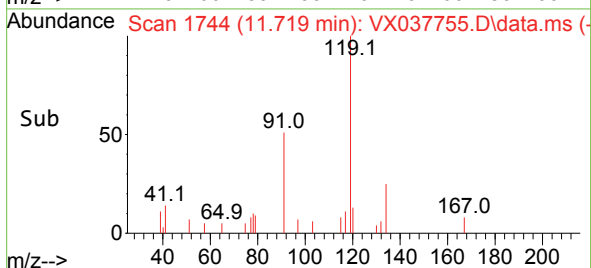
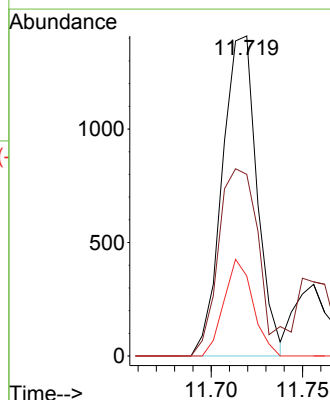
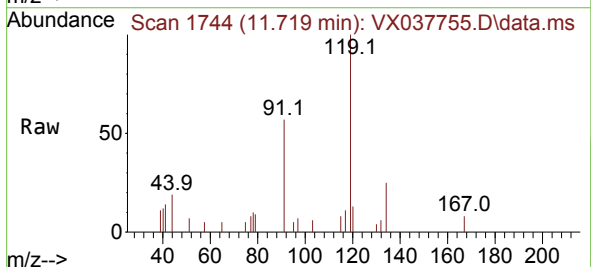
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

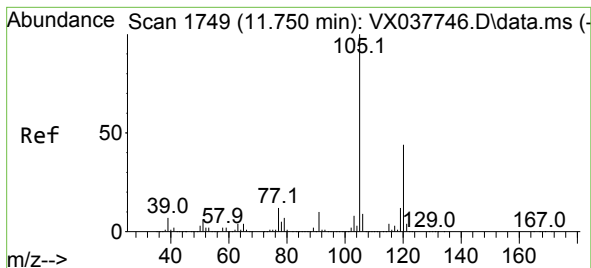
Tgt Ion: 91 Resp: 3825
Ion Ratio Lower Upper
91 100
126 30.8 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.213 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 119 Resp: 1870
Ion Ratio Lower Upper
119 100
91 69.9 31.2 93.6
134 25.3 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.398 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

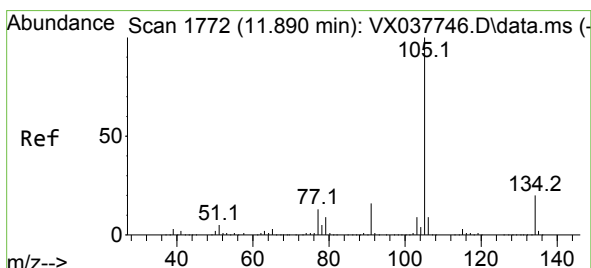
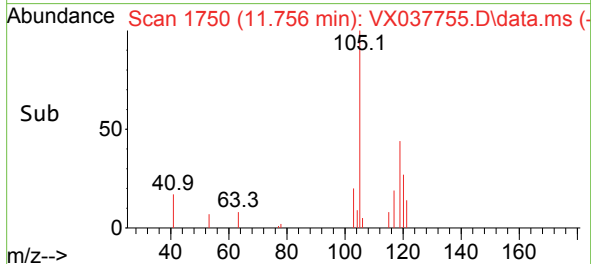
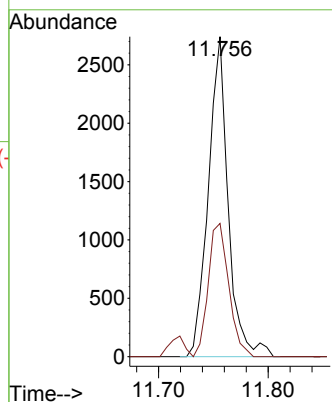
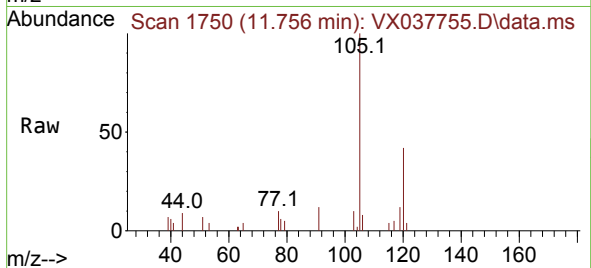
BP-VPB-RW10A-GW-98-100

Tgt Ion:105 Resp: 3447

Ion Ratio Lower Upper

105 100

120 43.1 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.298 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037755.D

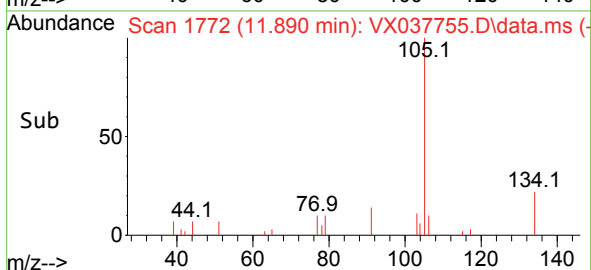
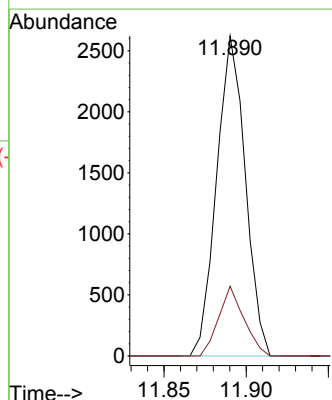
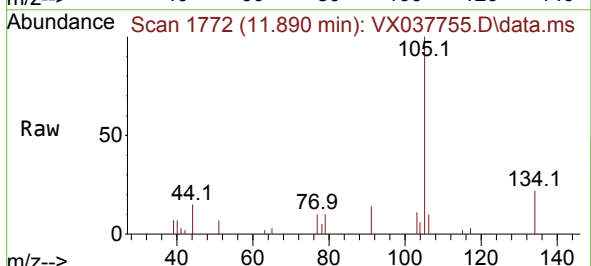
Acq: 15 Sep 2023 15:16

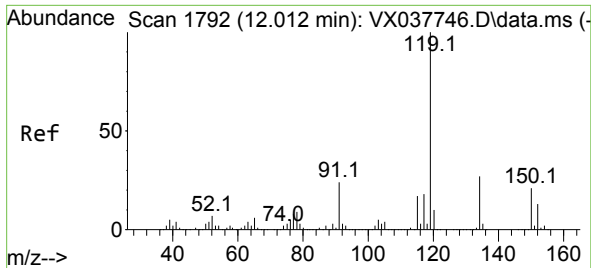
Tgt Ion:105 Resp: 3180

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.4

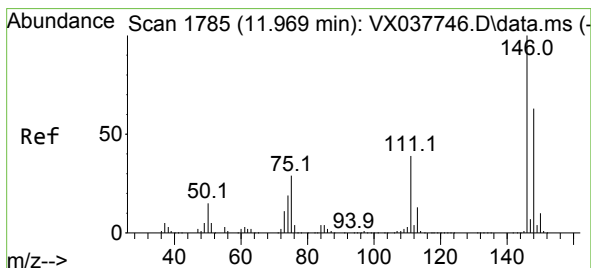
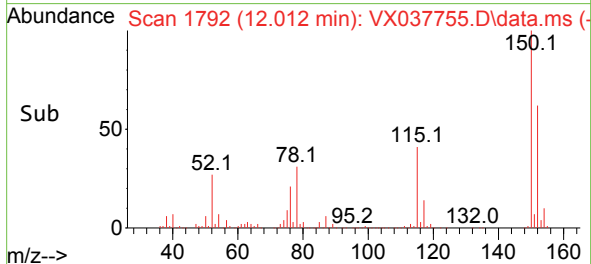
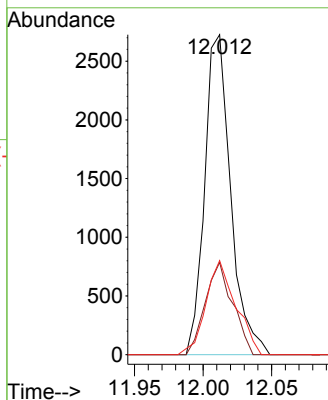
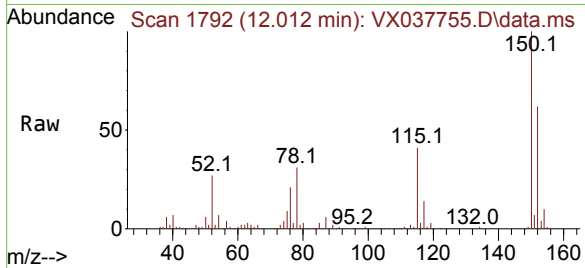




#86
 p-Isopropyltoluene
 Concen: 0.405 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037755.D
 Acq: 15 Sep 2023 15:16

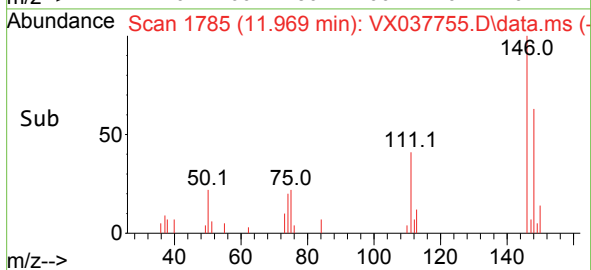
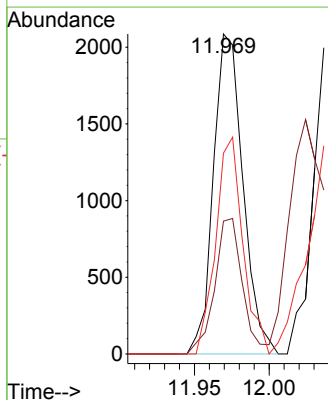
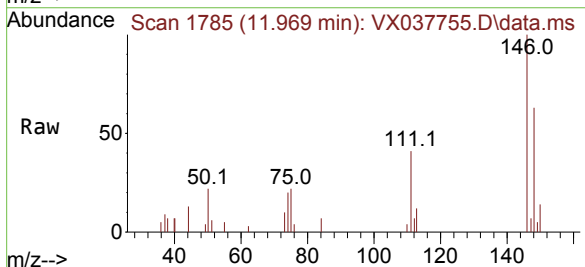
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-98-100

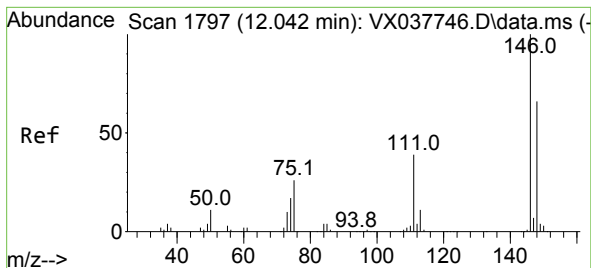
Tgt Ion:119	Resp:	3599
Ion	Ratio	Lower Upper
119	100	
134	30.2	12.8 38.3
91	33.7	13.1 39.3



#87
 1,3-Dichlorobenzene
 Concen: 0.603 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX037755.D
 Acq: 15 Sep 2023 15:16

Tgt Ion:146	Resp:	2868
Ion	Ratio	Lower Upper
146	100	
111	39.9	22.1 66.1
148	62.2	31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.589 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.073 min

Lab File: VX037755.D

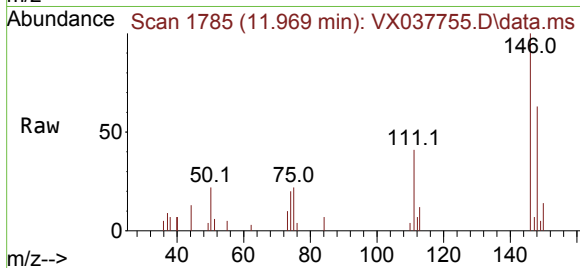
Acq: 15 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-98-100



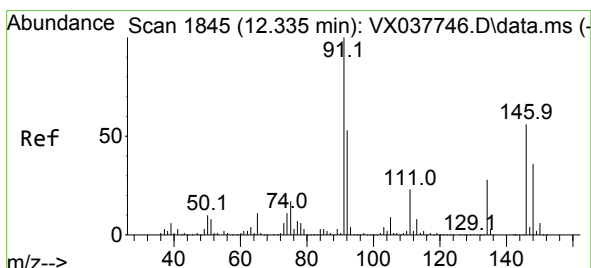
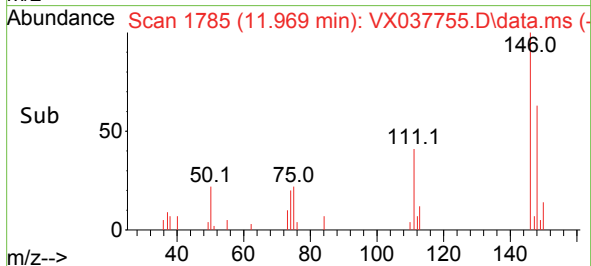
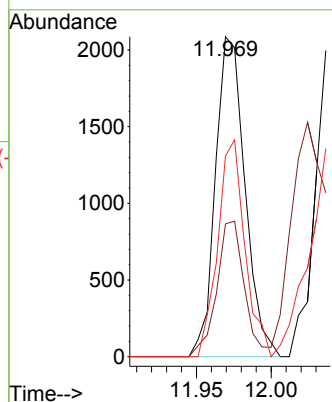
Tgt Ion:146 Resp: 2868

Ion Ratio Lower Upper

146 100

111 39.9 21.3 63.7

148 62.2 31.8 95.4



#89

n-Butylbenzene

Concen: 0.522 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

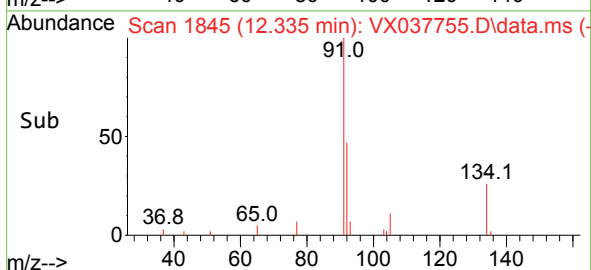
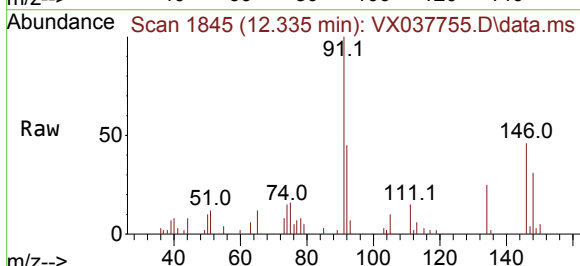
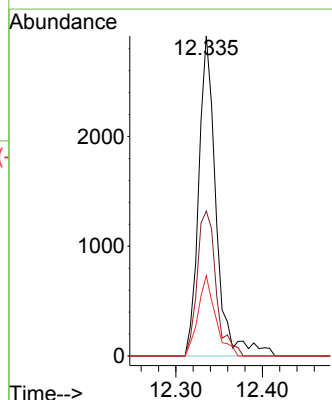
Tgt Ion: 91 Resp: 4069

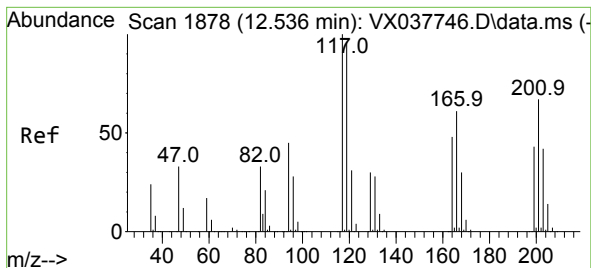
Ion Ratio Lower Upper

91 100

92 49.1 27.4 82.0

134 25.3 12.6 37.8





#90

Hexachloroethane

Concen: 0.240 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

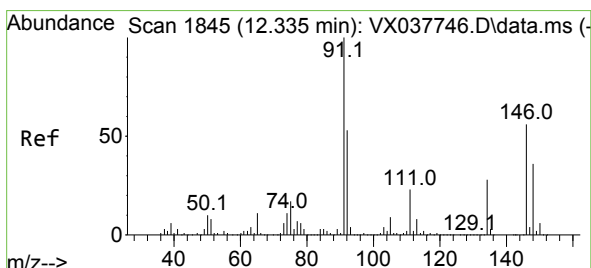
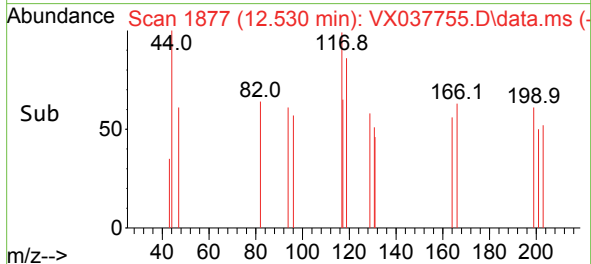
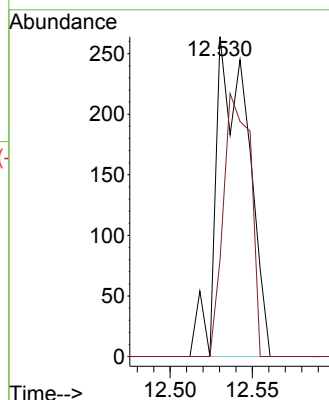
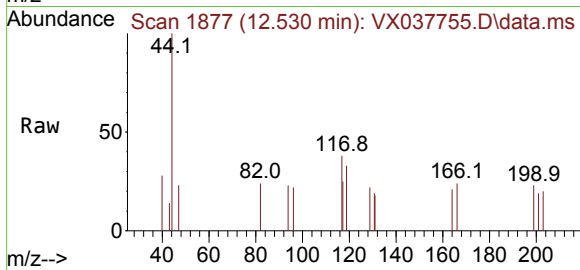
BP-VPB-RW10A-GW-98-100

Tgt Ion:117 Resp: 361

Ion Ratio Lower Upper

117 100

201 68.7 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 0.415 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

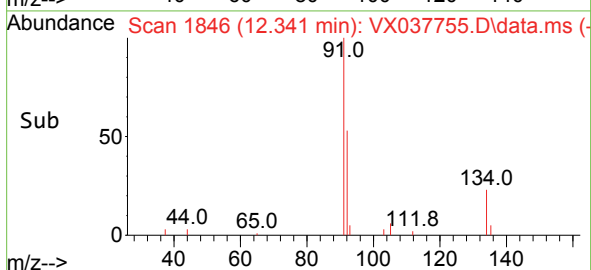
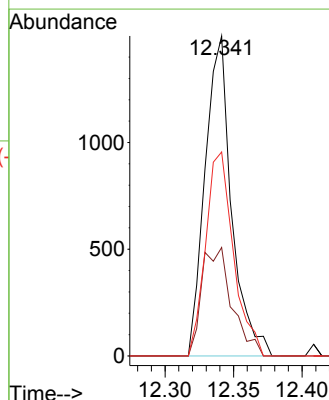
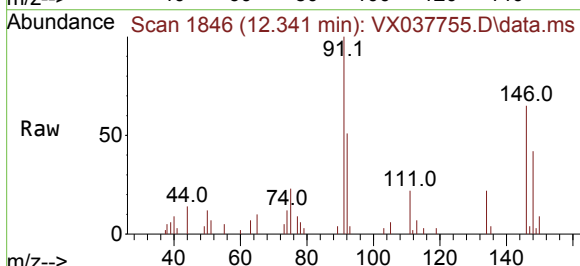
Tgt Ion:146 Resp: 2015

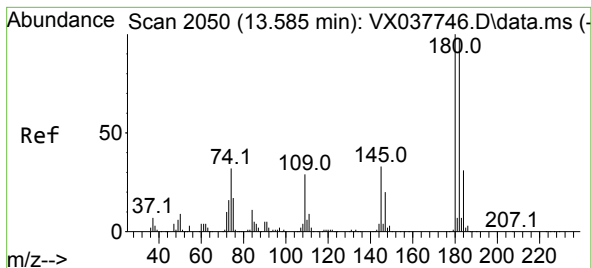
Ion Ratio Lower Upper

146 100

111 38.7 22.4 67.0

148 67.0 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 1.049 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-98-100

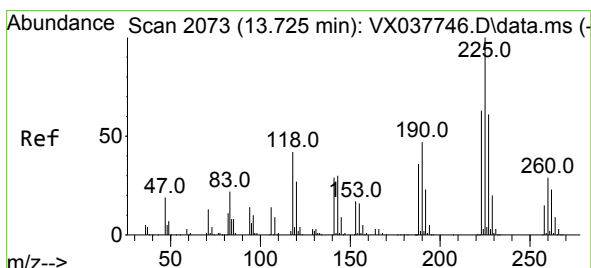
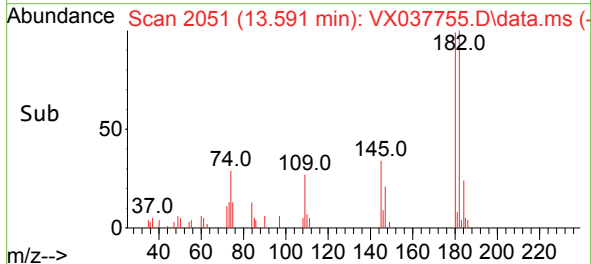
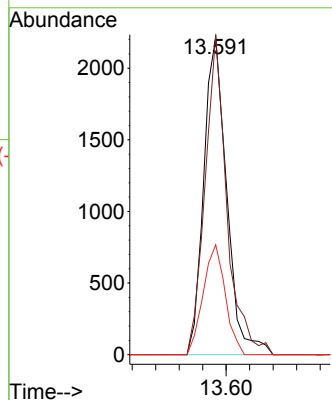
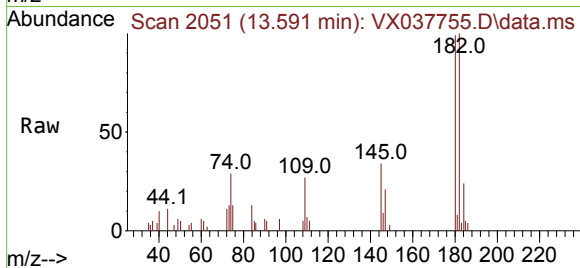
Tgt Ion:180 Resp: 2999

Ion Ratio Lower Upper

180 100

182 96.0 48.3 144.8

145 33.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.710 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037755.D

Acq: 15 Sep 2023 15:16

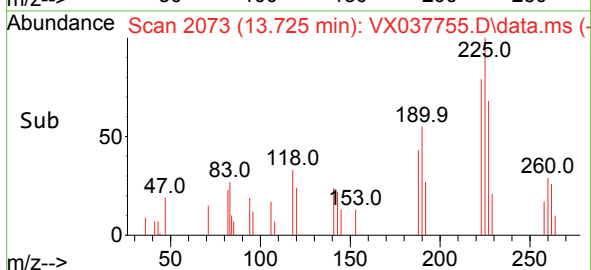
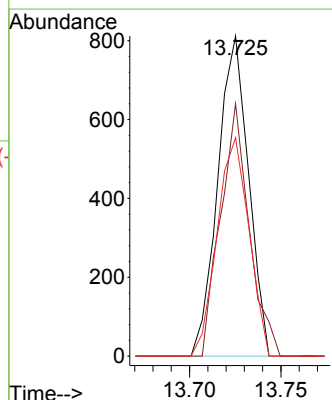
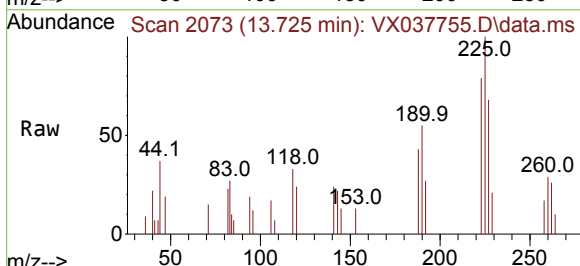
Tgt Ion:225 Resp: 948

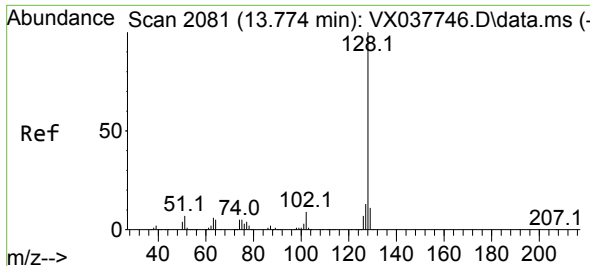
Ion Ratio Lower Upper

225 100

223 73.7 31.1 93.2

227 70.6 32.5 97.5

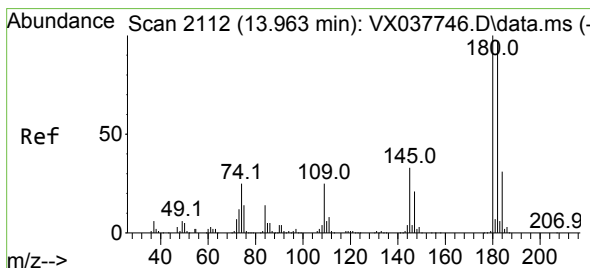
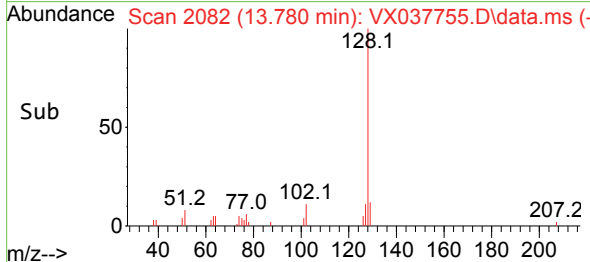
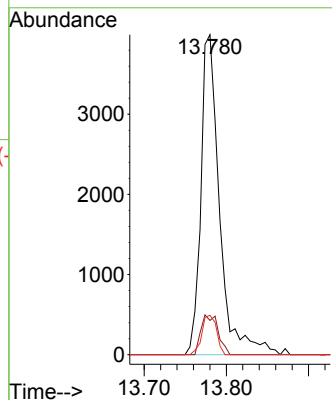
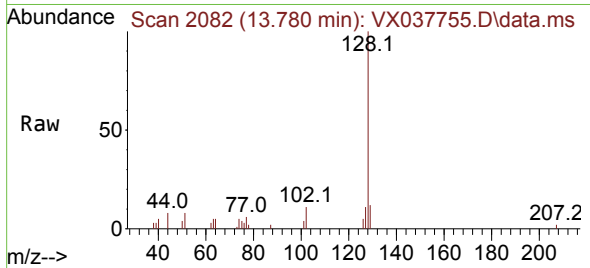




#95
Naphthalene
Concen: 0.652 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

Tgt Ion:128 Resp: 6308
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 9.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.875 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion:180 Resp: 2575
Ion Ratio Lower Upper
180 100
182 100.0 46.9 140.6
145 37.1 17.8 53.5

