

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017422.D
 Acq On : 20 Feb 2024 15:21
 Operator : SY/MD
 Sample : P1509-09MS
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

Quant Time: Feb 21 04:29:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	173022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	307022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	273392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107076	72.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.880%	
35) Dibromofluoromethane	7.728	113	101944	56.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.440%	
50) Toluene-d8	10.191	98	350963	50.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.489	95	112471	48.438	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	42744	30.981	ug/l	97
3) Chloromethane	2.119	50	89205	31.681	ug/l	97
4) Vinyl Chloride	2.260	62	120349	32.828	ug/l	97
5) Bromomethane	2.662	94	102842	37.392	ug/l	97
6) Chloroethane	2.808	64	81127	34.738	ug/l	97
7) Trichlorofluoromethane	3.138	101	95605	30.408	ug/l	95
8) Diethyl Ether	3.546	74	37903	42.653	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	56816	31.264	ug/l	98
10) Methyl Iodide	4.107	142	71178	36.804	ug/l	98
11) Tert butyl alcohol	4.973	59	15629	135.988	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	54525	31.921	ug/l	99
13) Acrolein	3.741	56	38932	253.138	ug/l	99
14) Allyl chloride	4.497	41	73647	35.572	ug/l	98
15) Acrylonitrile	5.180	53	87612	247.983	ug/l	99
16) Acetone	3.961	43	55295	172.735	ug/l	90
17) Carbon Disulfide	4.210	76	175575	32.355	ug/l	99
18) Methyl Acetate	4.491	43	37071	51.069	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	173158	44.879	ug/l	100
20) Methylene Chloride	4.729	84	76989	37.646	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	66845	33.834	ug/l	98
22) Diisopropyl ether	6.137	45	196295	41.223	ug/l	96
23) Vinyl Acetate	6.076	43	678611	239.795	ug/l	99
24) 1,1-Dichloroethane	6.039	63	115113	35.657	ug/l	98
25) 2-Butanone	6.997	43	96484	214.722	ug/l	96
26) 2,2-Dichloropropane	6.997	77	94318	33.953	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	81921	37.333	ug/l	99
28) Bromochloromethane	7.350	49	44555	36.783	ug/l	98
29) Tetrahydrofuran	7.362	42	65826	249.200	ug/l	99
30) Chloroform	7.521	83	126574	37.141	ug/l	98
31) Cyclohexane	7.795	56	90210	30.829	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	100429	33.364	ug/l	99
36) 1,1-Dichloropropene	7.935	75	88495	29.483	ug/l	99
37) Ethyl Acetate	7.088	43	47330	43.305	ug/l	99
38) Carbon Tetrachloride	7.917	117	87487	29.275	ug/l	99
39) Methylcyclohexane	9.197	83	107639	29.297	ug/l	99
40) Benzene	8.173	78	282171	32.176	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	62735	117.535	ug/l #	15
42) 1,2-Dichloroethane	8.246	62	83165	39.068	ug/l	99
43) Isopropyl Acetate	8.283	43	87559	44.332	ug/l	98
44) Trichloroethene	8.954	130	71675	30.153	ug/l	94
45) 1,2-Dichloropropane	9.228	63	70946	34.998	ug/l	98
46) Dibromomethane	9.319	93	45668	39.635	ug/l	98
47) Bromodichloromethane	9.508	83	104869	37.018	ug/l	99
48) Methyl methacrylate	9.301	41	39660	42.798	ug/l	95
49) 1,4-Dioxane	9.307	88	4591	380.961	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	235329	221.127	ug/l	99
52) Toluene	10.252	92	175911	32.131	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	105274	40.132	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	120147	37.332	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	64533	40.706	ug/l	98
56) Ethyl methacrylate	10.520	69	79513	40.509	ug/l	96
57) 1,3-Dichloropropane	10.801	76	104137	39.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	204305	215.682	ug/l	100
59) 2-Hexanone	10.843	43	153026	208.759	ug/l	99
60) Dibromochloromethane	10.996	129	73862	39.193	ug/l	99
61) 1,2-Dibromoethane	11.099	107	61274	41.312	ug/l	100
64) Tetrachloroethene	10.728	164	61178	27.961	ug/l	98
65) Chlorobenzene	11.526	112	194939	33.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	73487	33.506	ug/l	99
67) Ethyl Benzene	11.599	91	330541	31.379	ug/l	99
68) m/p-Xylenes	11.715	106	259188	62.592	ug/l	100
69) o-Xylene	12.038	106	125867	33.133	ug/l	100
70) Styrene	12.051	104	214711	34.412	ug/l	98
71) Bromoform	12.215	173	46198	40.485	ug/l #	98
73) Isopropylbenzene	12.337	105	307020	34.289	ug/l	100
74) N-amyl acetate	12.154	43	75623	48.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	72958	45.591	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	88287	78.553	ug/l #	100
77) Bromobenzene	12.618	156	80507	38.337	ug/l	98
78) n-propylbenzene	12.678	91	375024	34.627	ug/l	100
79) 2-Chlorotoluene	12.764	91	212715	35.670	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	253179	35.351	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	23000	47.713	ug/l	99
82) 4-Chlorotoluene	12.861	91	221628	36.015	ug/l	99
83) tert-Butylbenzene	13.081	119	216310	34.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	258676	36.458	ug/l	100
85) sec-Butylbenzene	13.264	105	326669	34.008	ug/l	99
86) p-Isopropyltoluene	13.380	119	274486	34.695	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	152934	36.062	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	152123	37.150	ug/l	99
89) n-Butylbenzene	13.703	91	249174	34.630	ug/l	99
90) Hexachloroethane	13.971	117	53490	34.505	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	138823	38.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9319	46.071	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	70392	37.714	ug/l	99
94) Hexachlorobutadiene	15.123	225	36407	32.072	ug/l	98
95) Naphthalene	15.245	128	144039	42.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	61301	39.067	ug/l	99

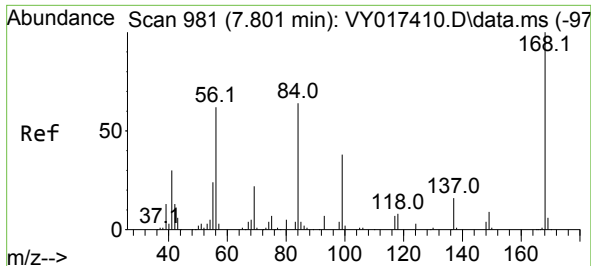
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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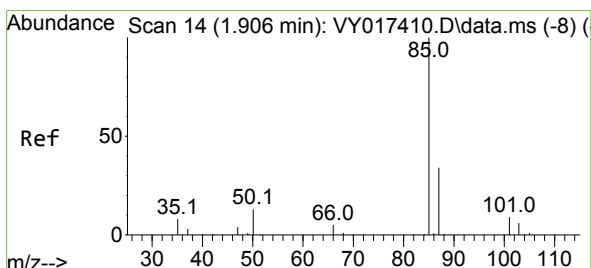
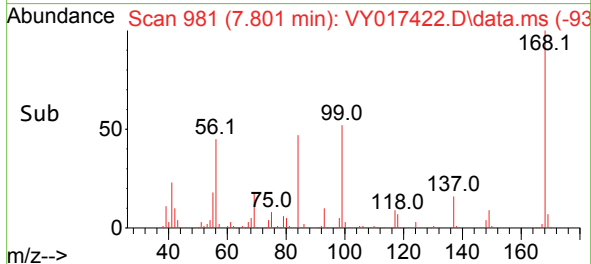
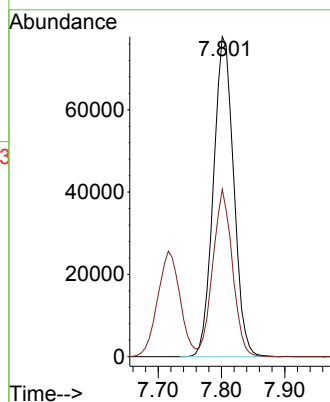
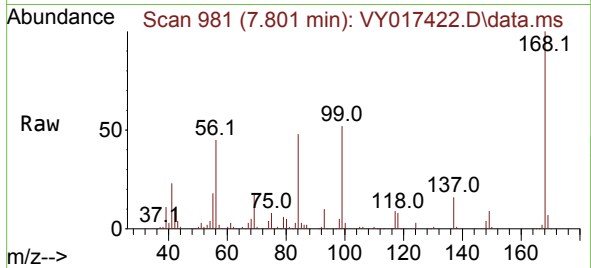
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
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Acq: 20 Feb 2024 15:21

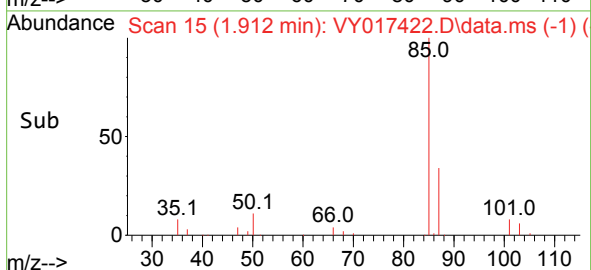
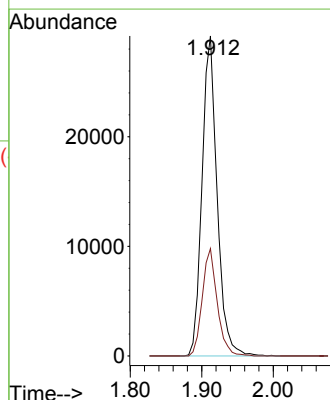
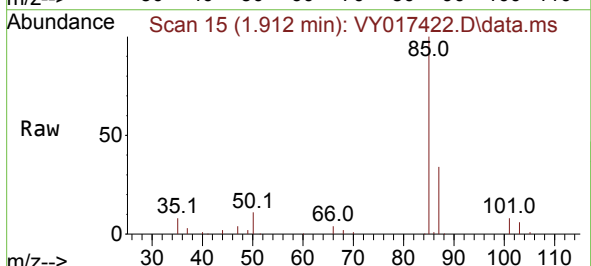
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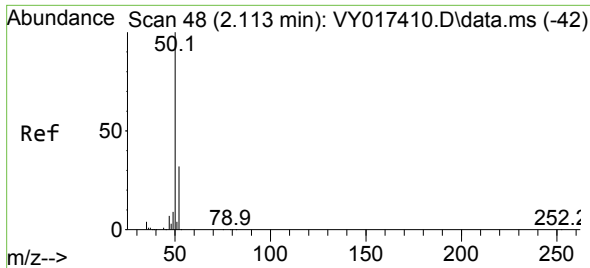
Tgt Ion:168 Resp: 173022
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 30.981 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 85 Resp: 42744
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0

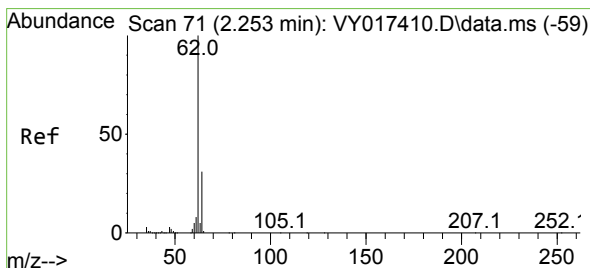
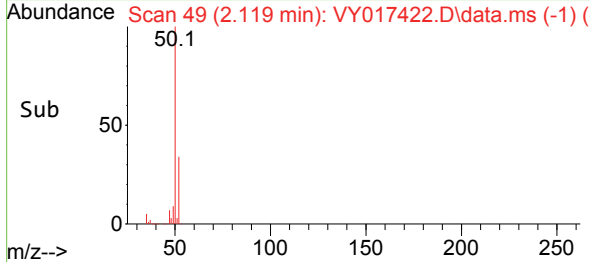
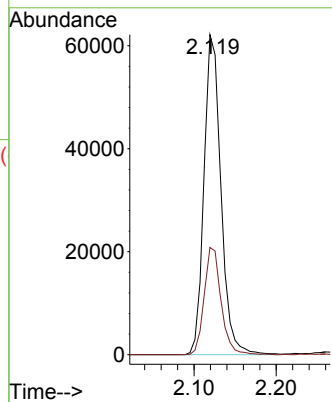
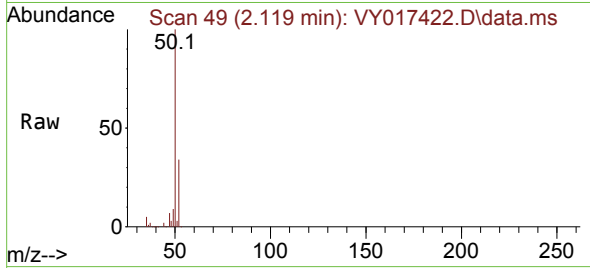




#3
Chloromethane
Concen: 31.681 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

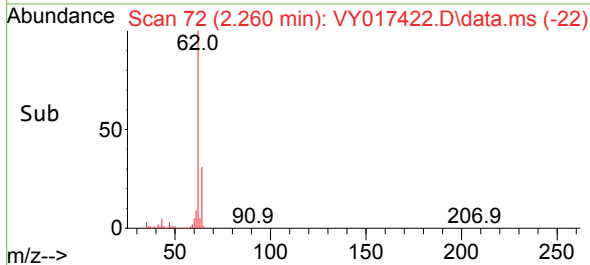
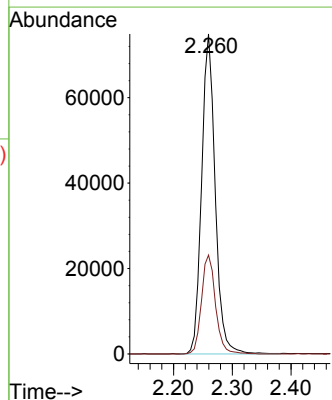
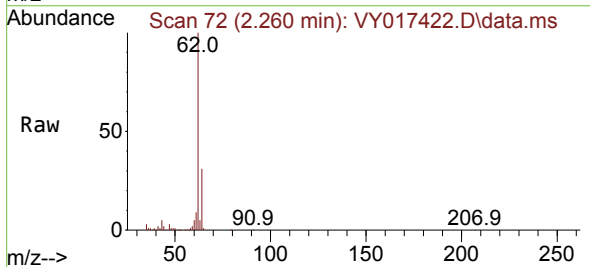
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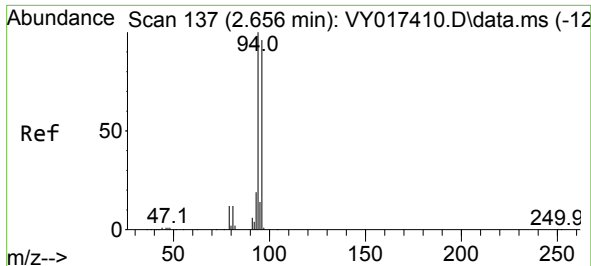
Tgt Ion: 50 Resp: 89205
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 32.828 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 62 Resp: 120349
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

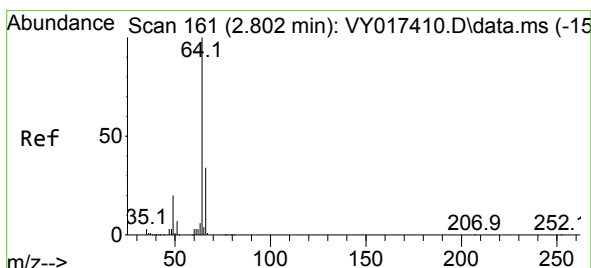
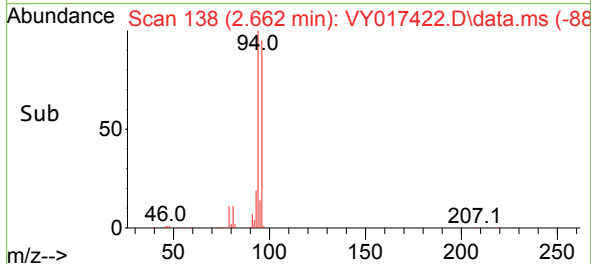
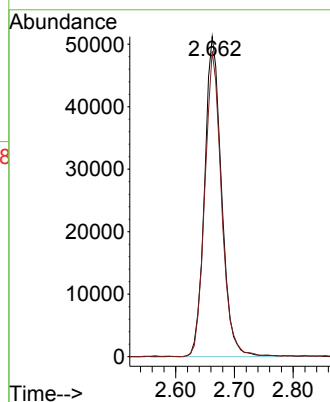
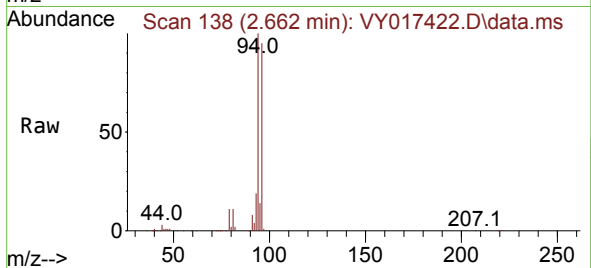




#5
Bromomethane
Concen: 37.392 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

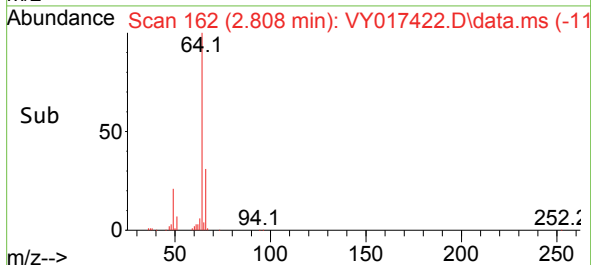
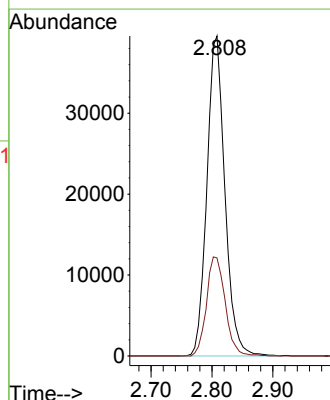
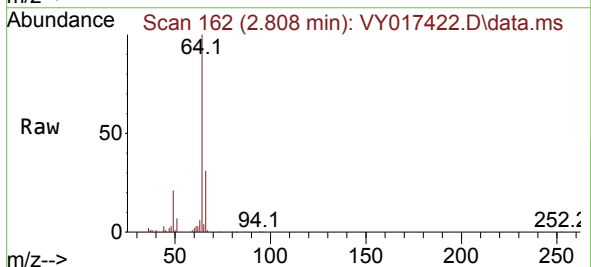
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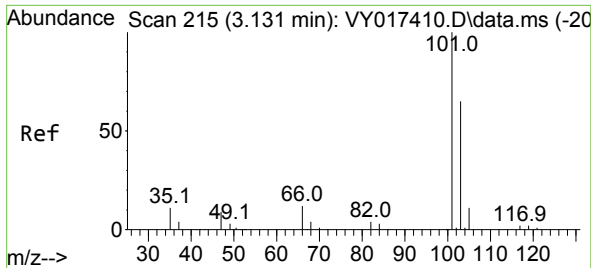
Tgt Ion: 94 Resp: 102842
Ion Ratio Lower Upper
94 100
96 95.5 74.1 111.1



#6
Chloroethane
Concen: 34.738 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 64 Resp: 81127
Ion Ratio Lower Upper
64 100
66 30.6 26.1 39.1

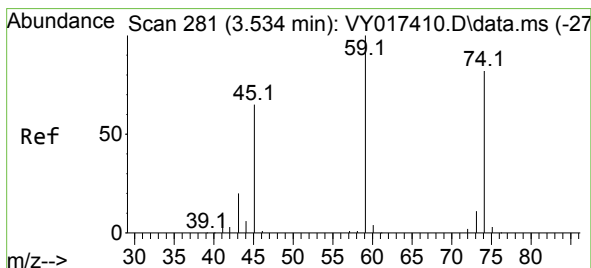
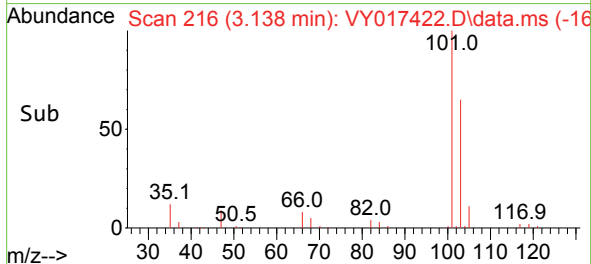
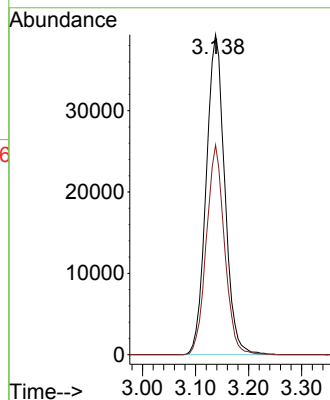
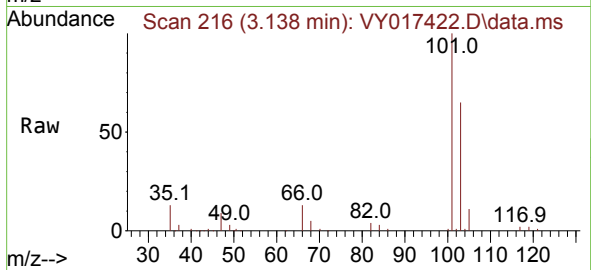




#7
 Trichlorofluoromethane
 Concen: 30.408 ug/l
 RT: 3.138 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

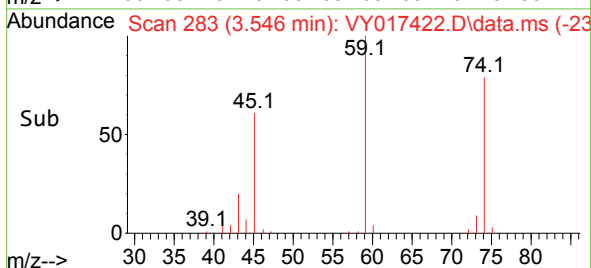
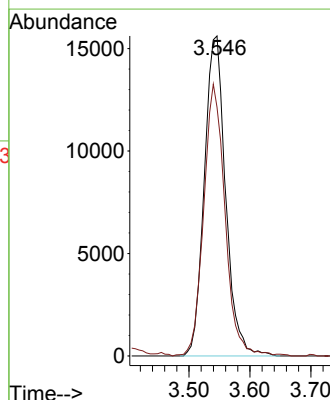
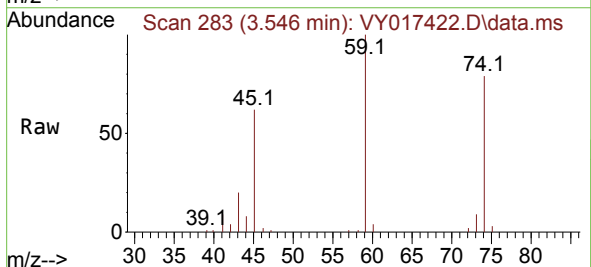
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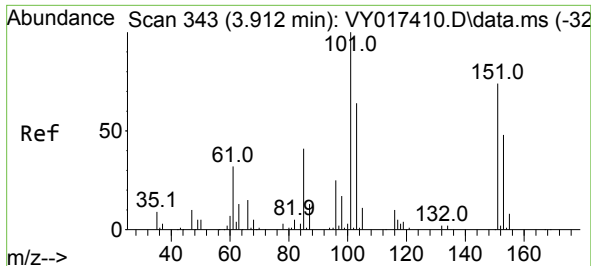
Tgt Ion:101 Resp: 95605
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 42.653 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.012 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

Tgt Ion: 74 Resp: 37903
 Ion Ratio Lower Upper
 74 100
 45 85.4 41.3 124.1

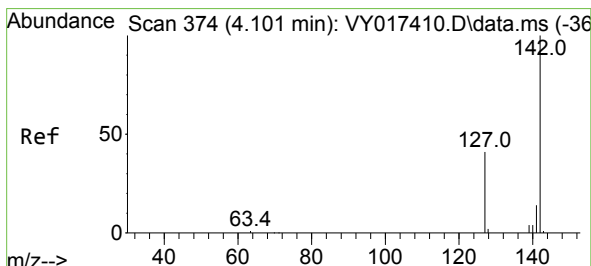
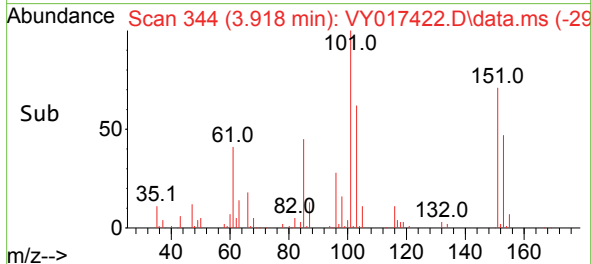
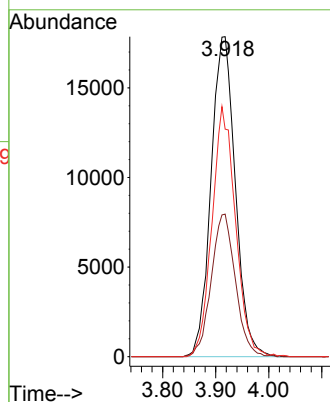
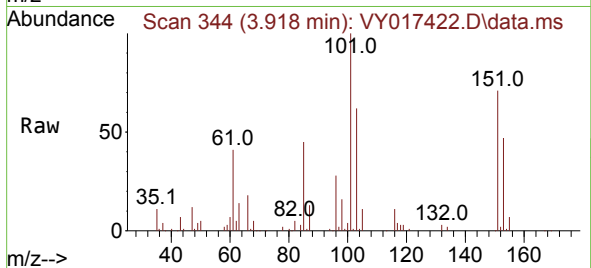




#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.264 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.006 min
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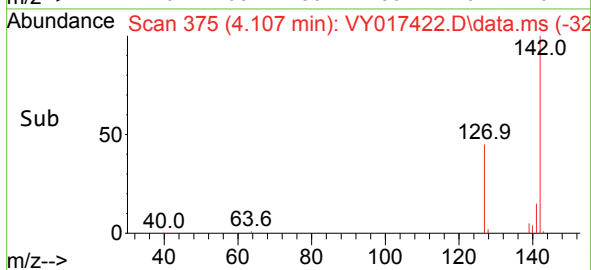
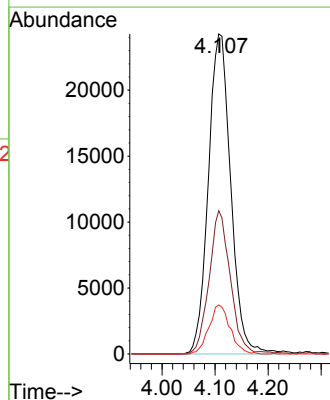
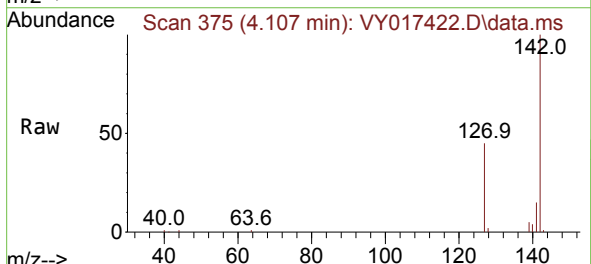
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

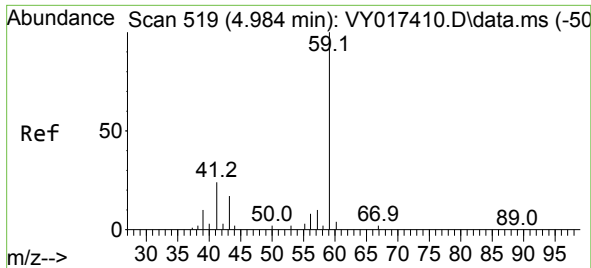
Tgt Ion:101 Resp: 56816
Ion Ratio Lower Upper
101 100
85 44.3 34.5 51.7
151 75.9 61.7 92.5



#10
Methyl Iodide
Concen: 36.804 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion:142 Resp: 71178
Ion Ratio Lower Upper
142 100
127 42.6 32.8 49.2
141 14.5 11.4 17.2

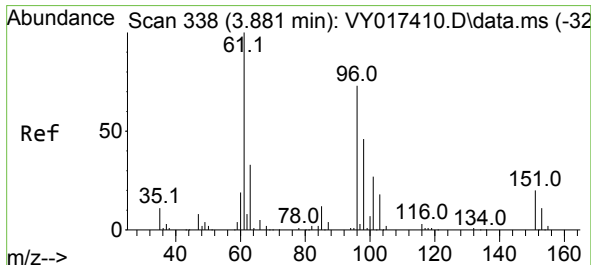
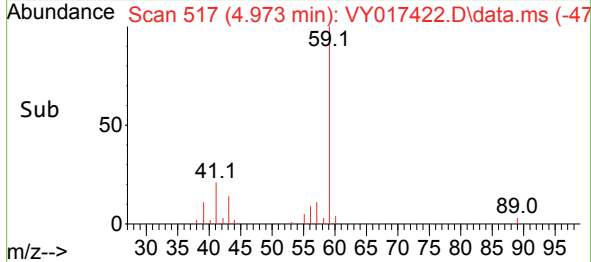
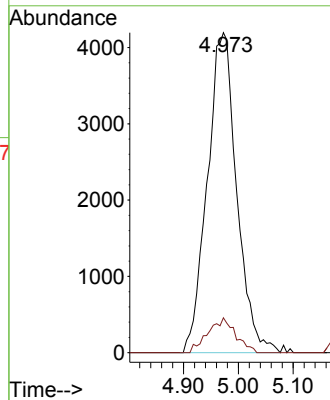
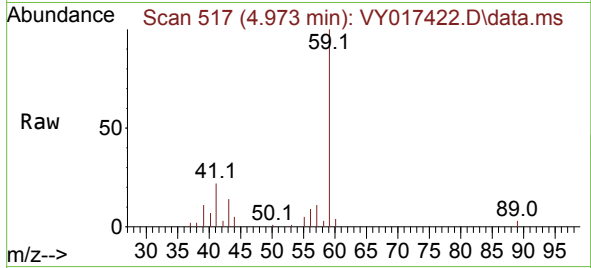




#11
Tert butyl alcohol
Concen: 135.988 ug/l
RT: 4.973 min Scan# 51
Delta R.T. -0.011 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

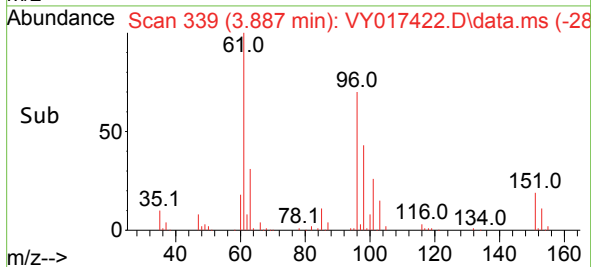
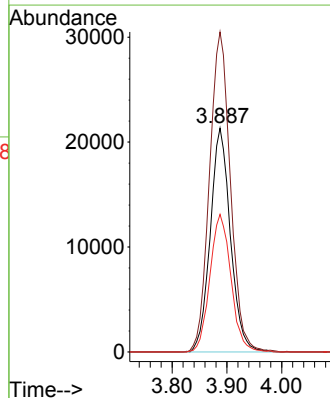
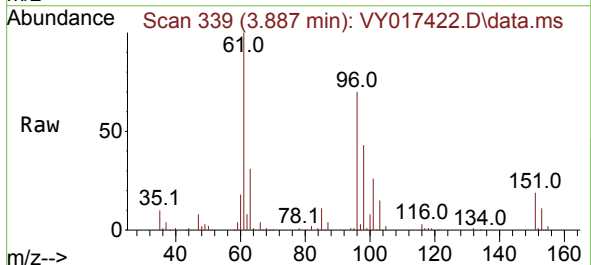
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

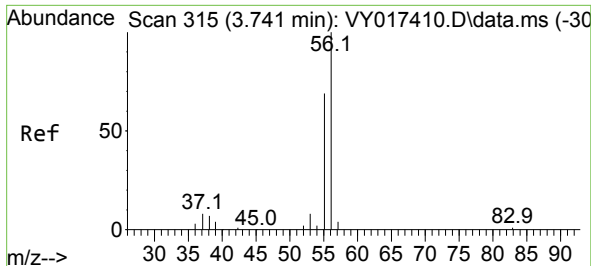
Tgt Ion: 59 Resp: 15629
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 31.921 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 96 Resp: 54525
Ion Ratio Lower Upper
96 100
61 142.9 114.6 171.8
98 61.5 50.8 76.2

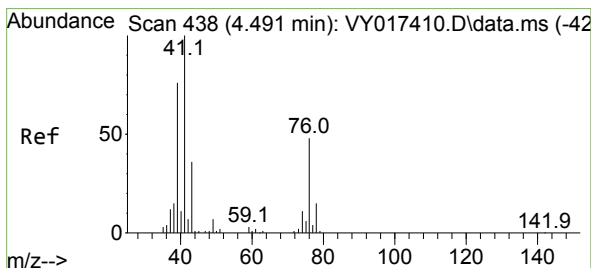
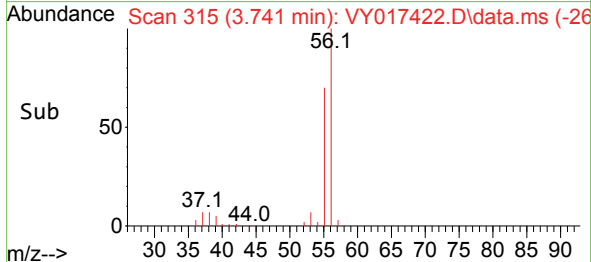
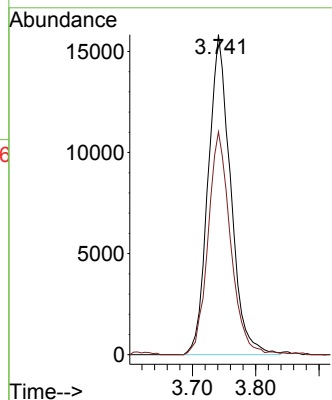
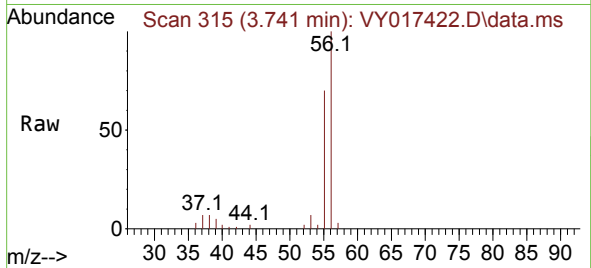




#13
Acrolein
Concen: 253.138 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

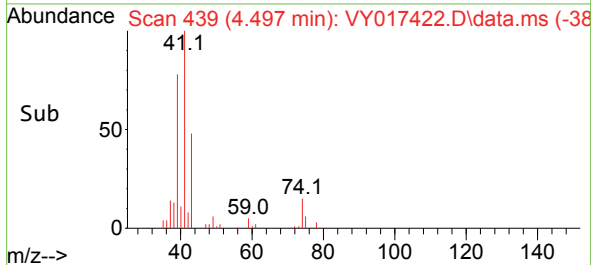
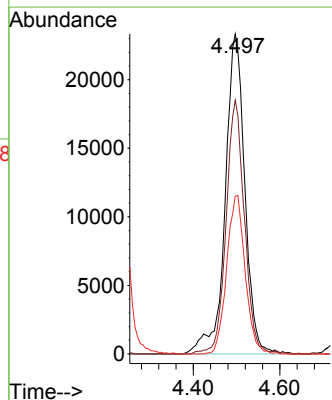
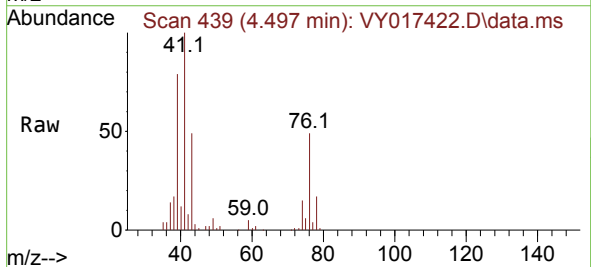
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

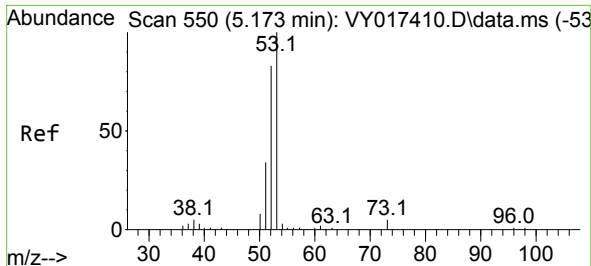
Tgt Ion: 56 Resp: 38932
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5



#14
Allyl chloride
Concen: 35.572 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 41 Resp: 73647
Ion Ratio Lower Upper
41 100
39 74.1 58.3 87.5
76 46.7 39.0 58.6

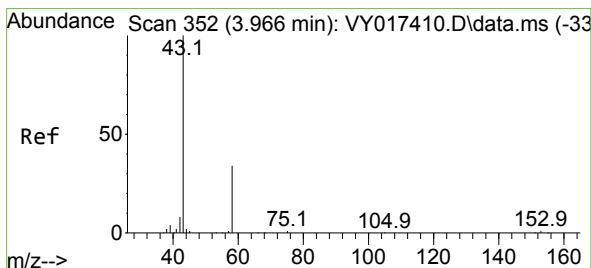
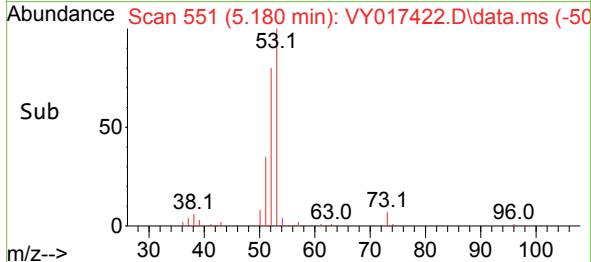
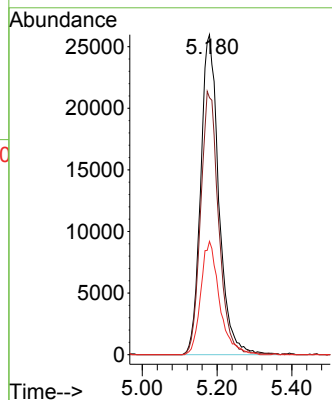
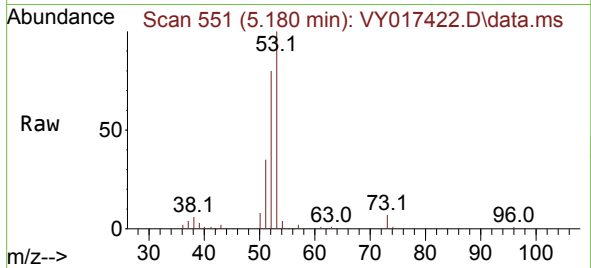




#15
Acrylonitrile
Concen: 247.983 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

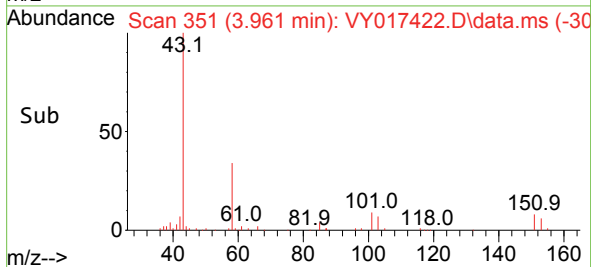
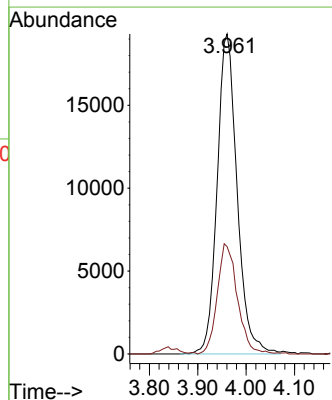
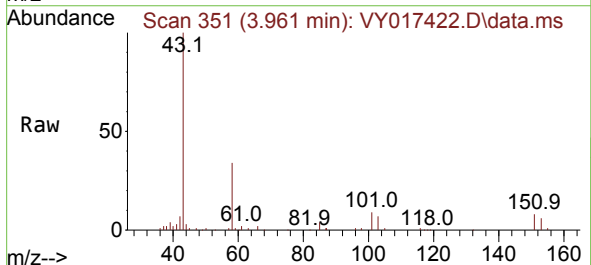
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

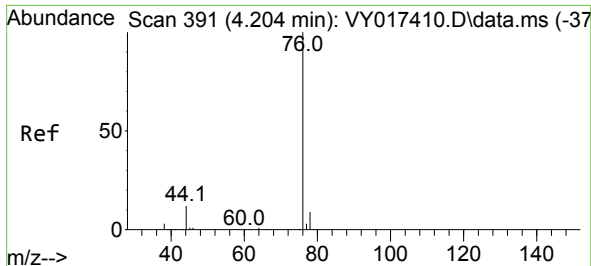
Tgt Ion: 53 Resp: 87612
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 36.5 28.4 42.6



#16
Acetone
Concen: 172.735 ug/l
RT: 3.961 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 43 Resp: 55295
Ion Ratio Lower Upper
43 100
58 33.2 31.7 47.5

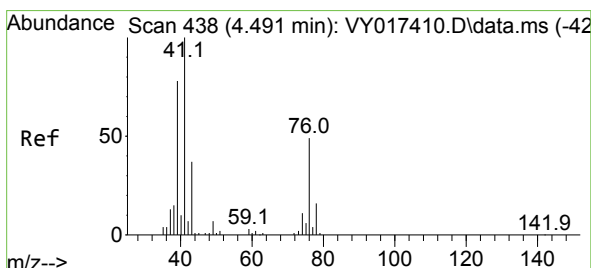
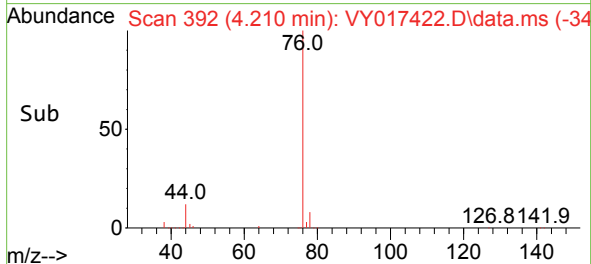
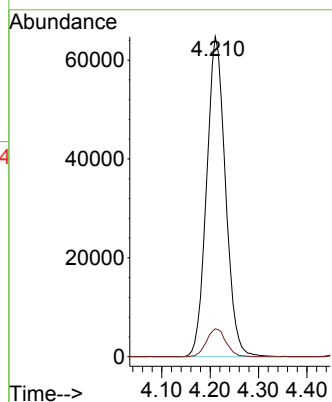
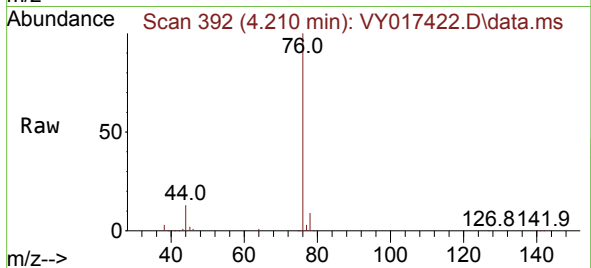




#17
Carbon Disulfide
Concen: 32.355 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

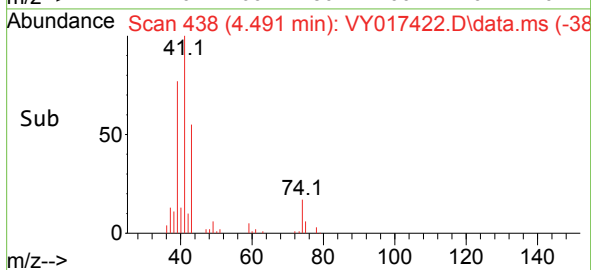
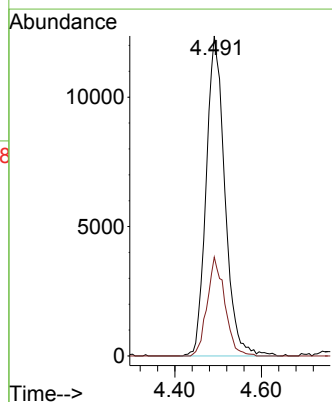
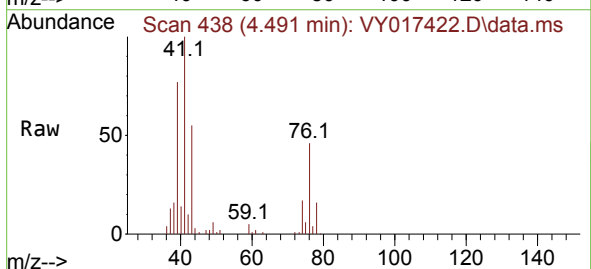
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

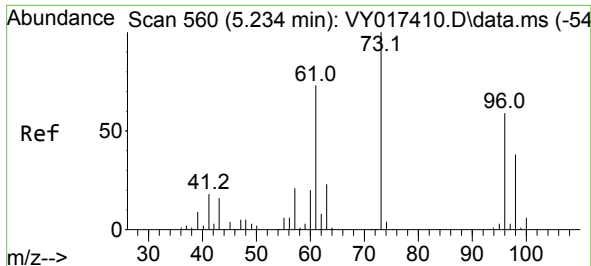
Tgt Ion: 76 Resp: 175575
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 51.069 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 43 Resp: 37071
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9

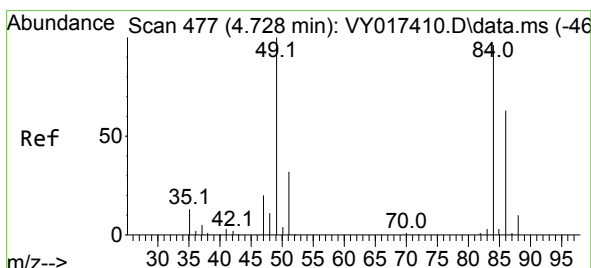
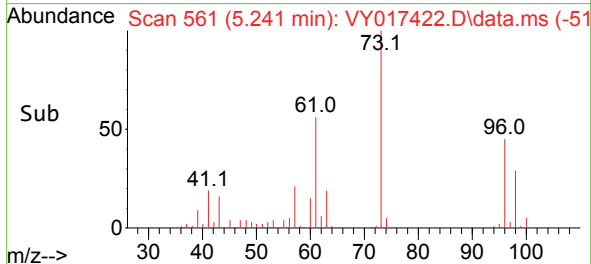
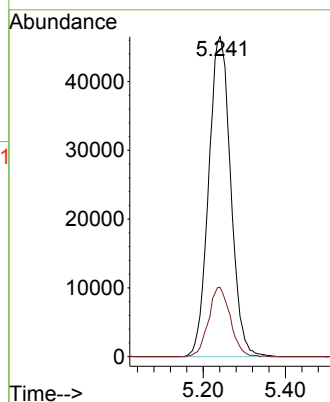
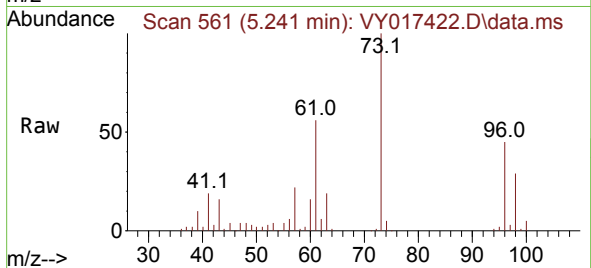




#19
Methyl tert-butyl Ether
Concen: 44.879 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

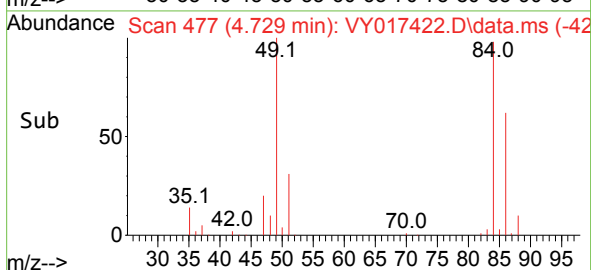
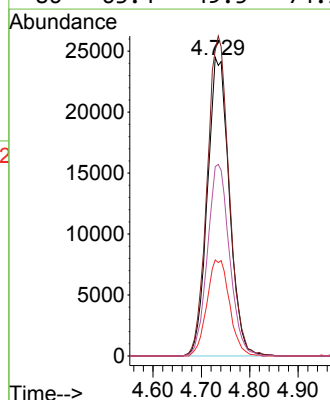
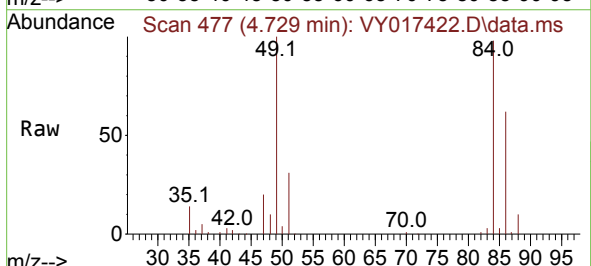
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

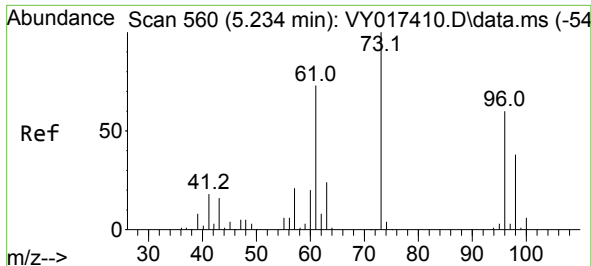
Tgt Ion: 73 Resp: 173158
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 37.646 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 84 Resp: 76989
Ion Ratio Lower Upper
84 100
49 102.3 84.4 126.6
51 32.2 26.0 39.0
86 63.4 49.5 74.3

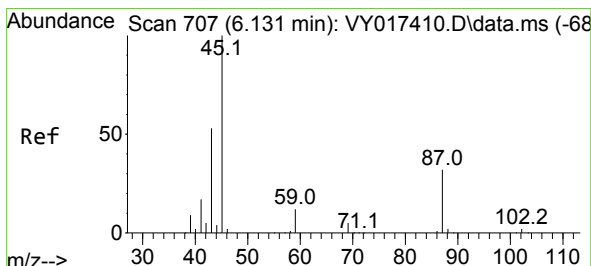
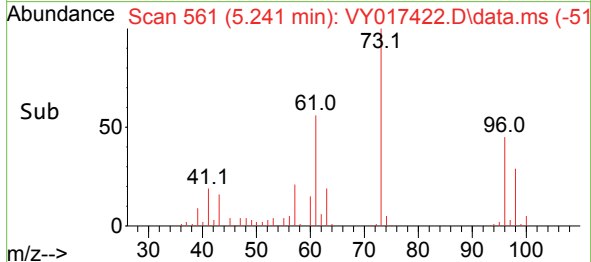
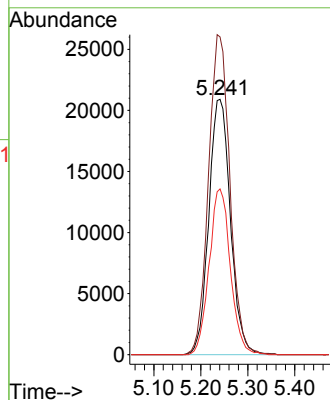
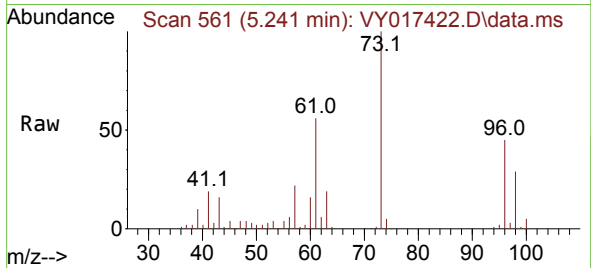




#21
trans-1,2-Dichloroethene
Concen: 33.834 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

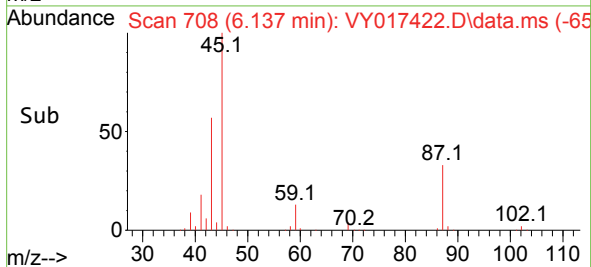
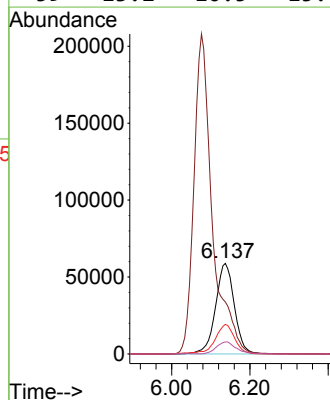
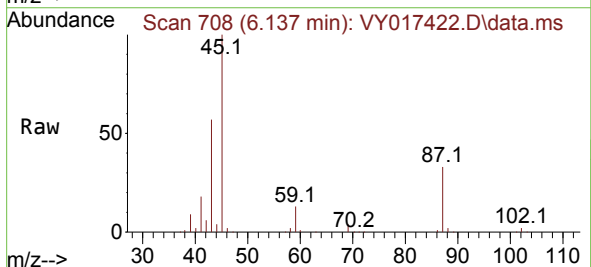
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

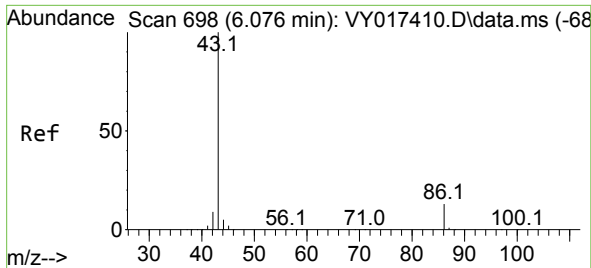
Tgt Ion: 96 Resp: 66845
Ion Ratio Lower Upper
96 100
61 124.5 97.5 146.3
98 64.9 50.5 75.7



#22
Diisopropyl ether
Concen: 41.223 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 45 Resp: 196295
Ion Ratio Lower Upper
45 100
43 57.1 42.2 63.2
87 32.7 25.0 37.6
59 13.2 10.5 15.7

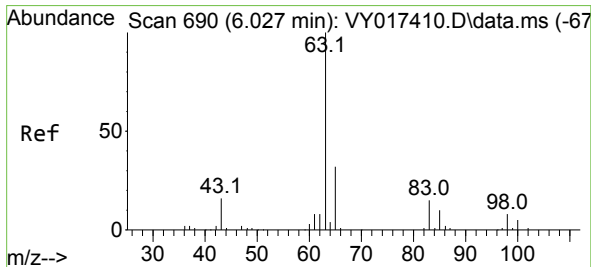
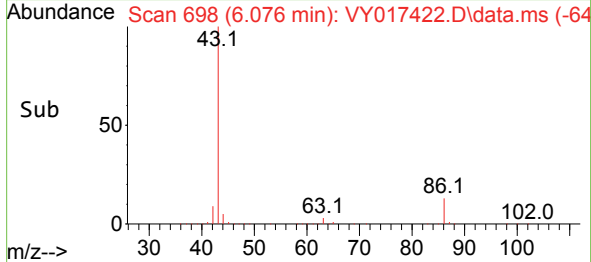
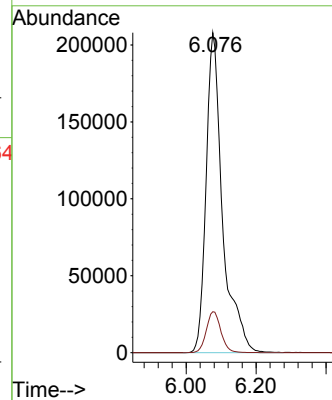
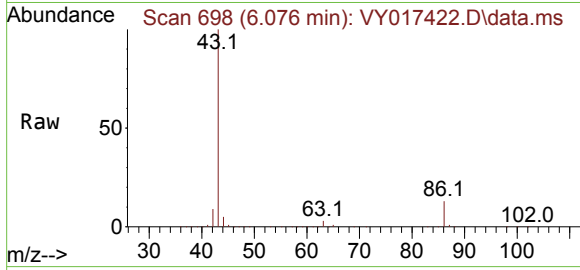




#23
 Vinyl Acetate
 Concen: 239.795 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

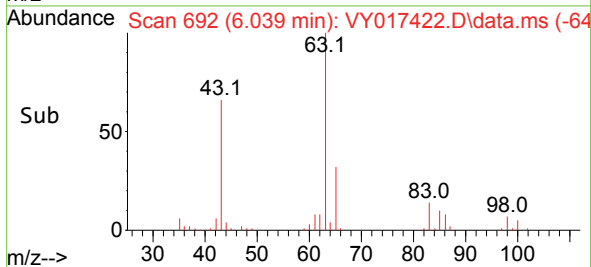
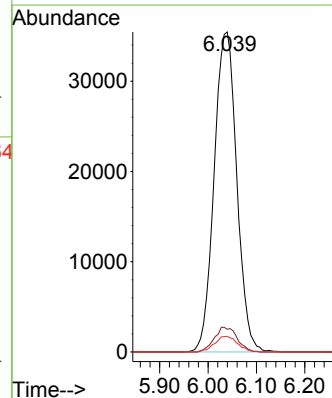
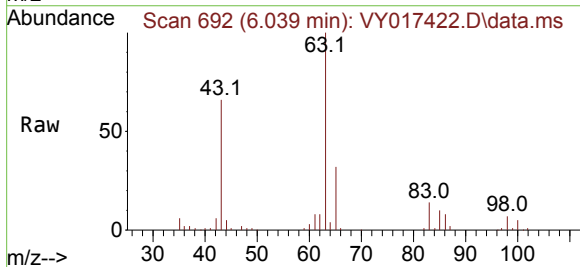
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

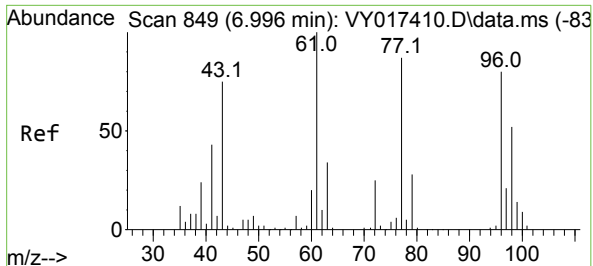
Tgt Ion: 43 Resp: 678611
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 35.657 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

Tgt Ion: 63 Resp: 115113
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 214.722 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

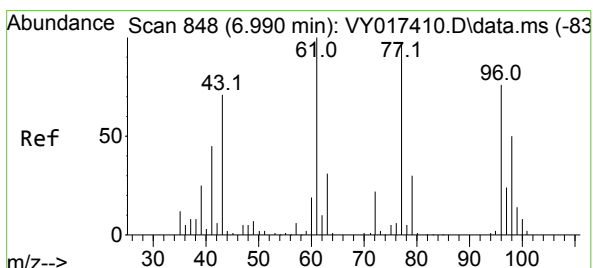
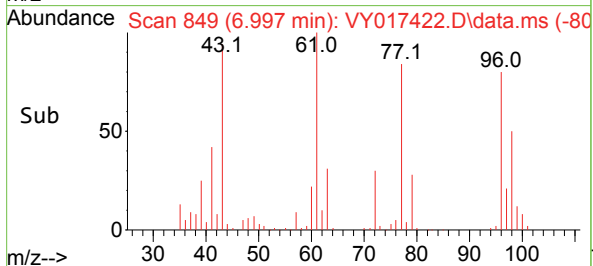
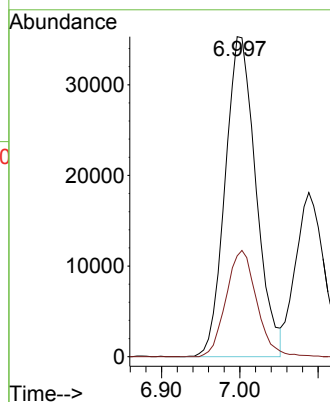
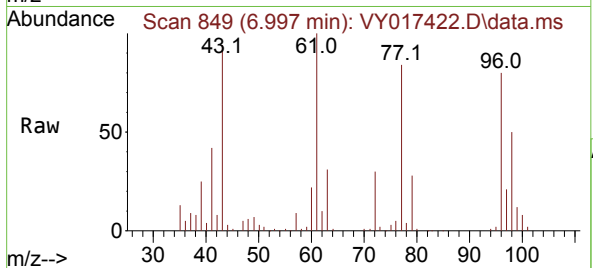
BP-VPB-191-GW-858-860MS

Tgt Ion: 43 Resp: 96484

Ion Ratio Lower Upper

43 100

72 31.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 33.953 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017422.D

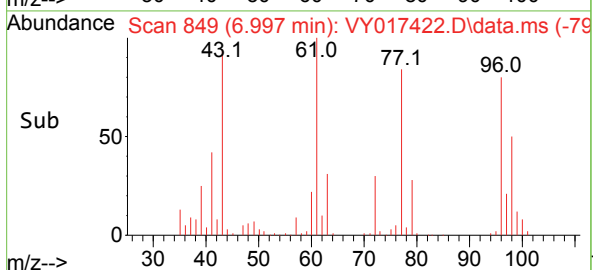
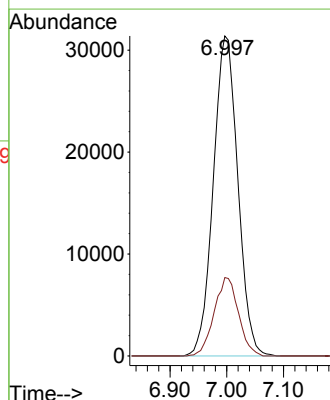
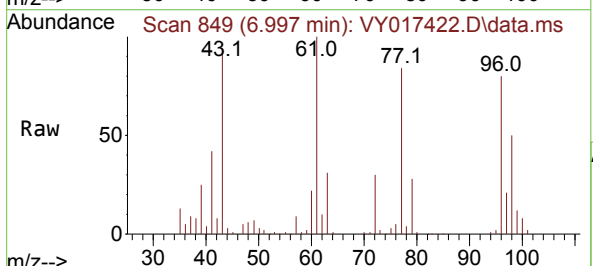
Acq: 20 Feb 2024 15:21

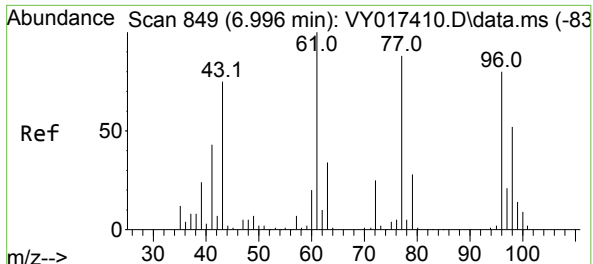
Tgt Ion: 77 Resp: 94318

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 37.333 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

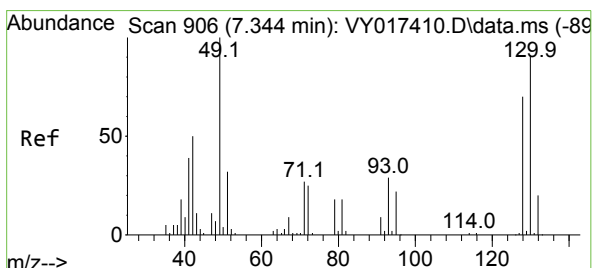
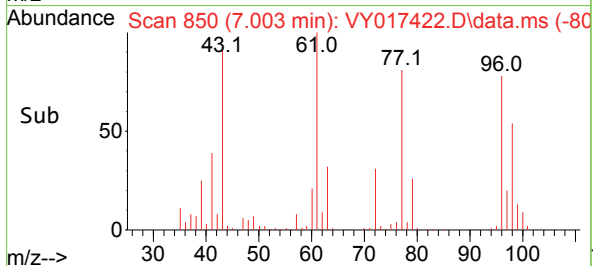
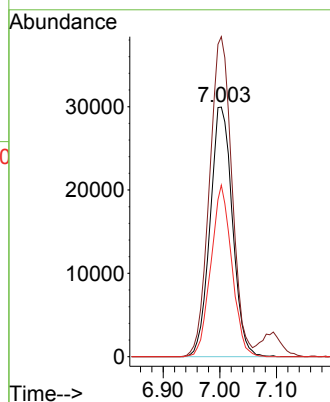
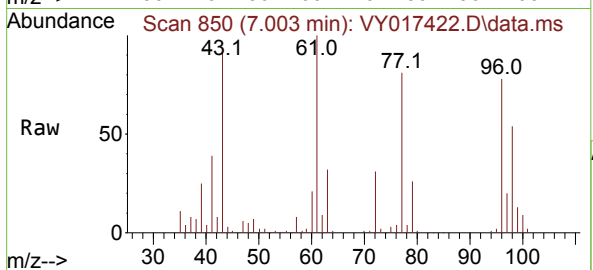
Tgt Ion: 96 Resp: 81921

Ion Ratio Lower Upper

96 100

61 128.6 0.0 256.2

98 64.2 0.0 130.0



#28

Bromochloromethane

Concen: 36.783 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

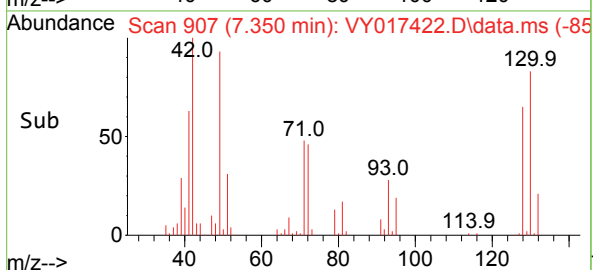
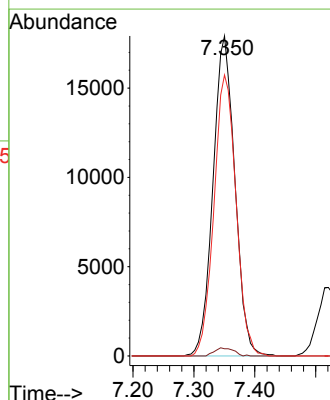
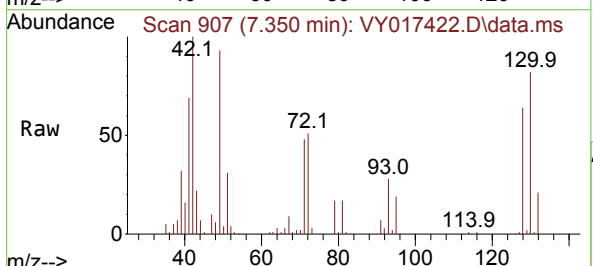
Tgt Ion: 49 Resp: 44555

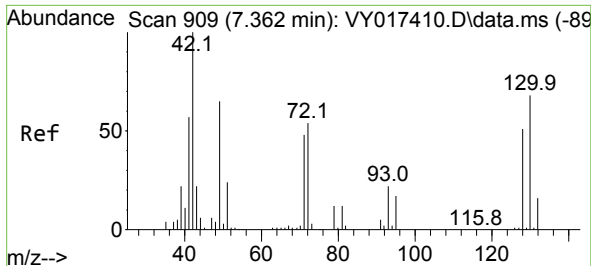
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 88.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 249.200 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

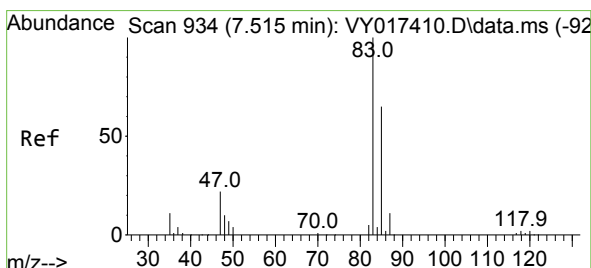
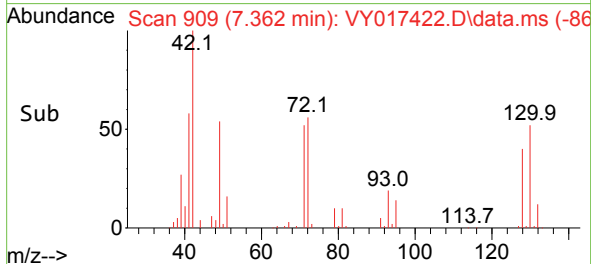
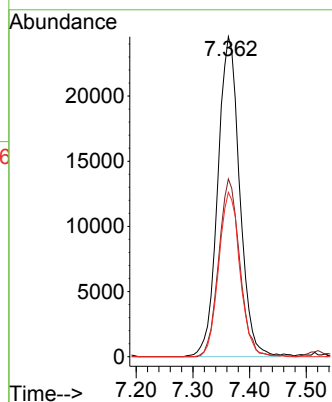
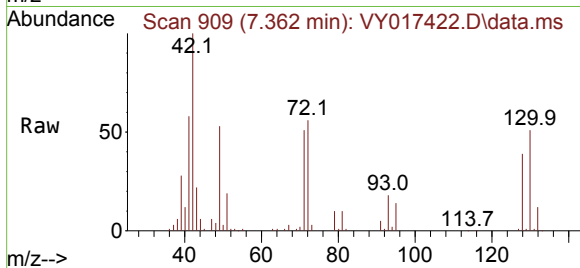
Tgt Ion: 42 Resp: 65826

Ion Ratio Lower Upper

42 100

72 53.6 43.0 64.4

71 49.9 40.8 61.2



#30

Chloroform

Concen: 37.141 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017422.D

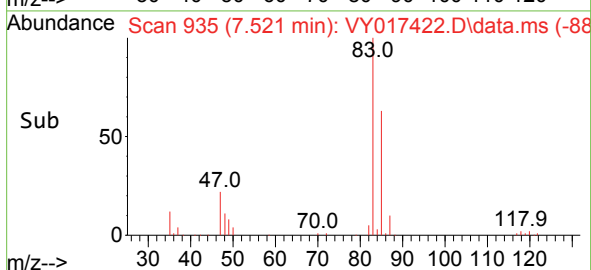
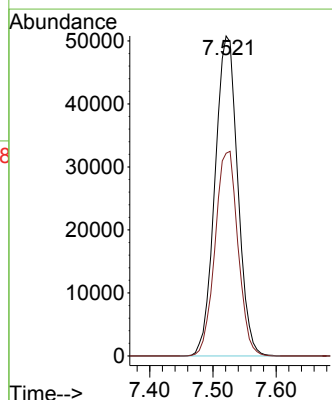
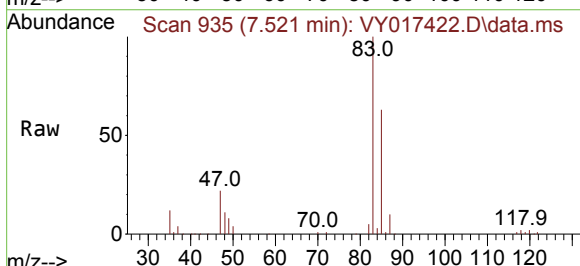
Acq: 20 Feb 2024 15:21

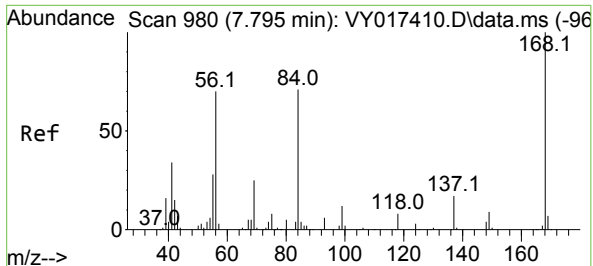
Tgt Ion: 83 Resp: 126574

Ion Ratio Lower Upper

83 100

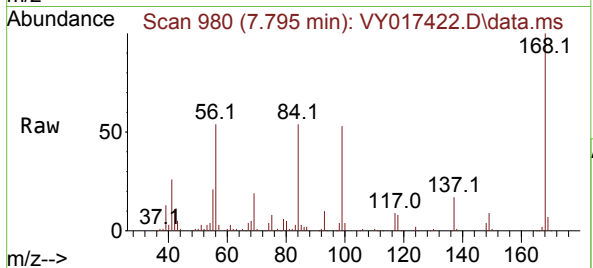
85 63.4 52.2 78.4



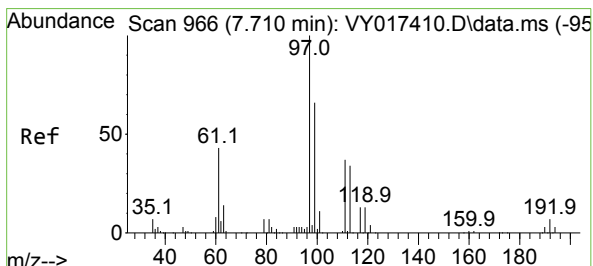
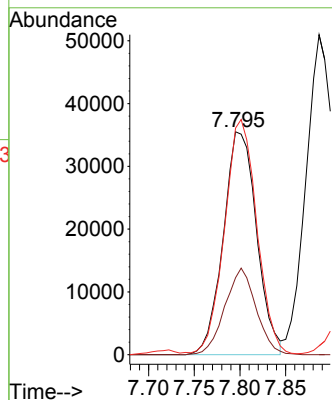
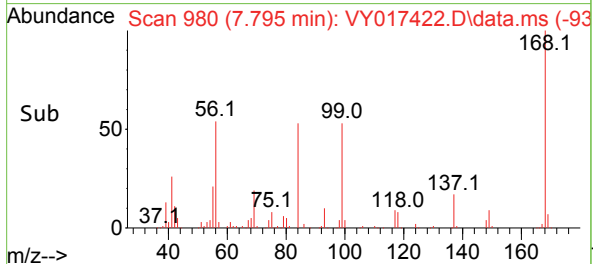


#31
Cyclohexane
Concen: 30.829 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

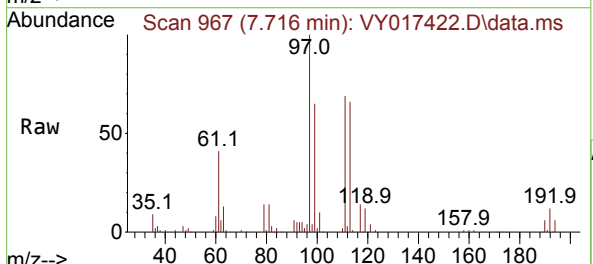
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS



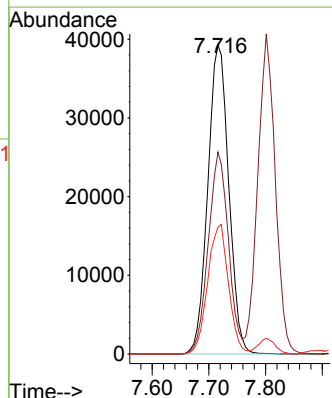
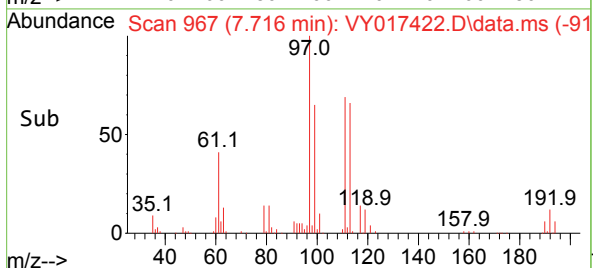
Tgt Ion: 56 Resp: 90210
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 100.9 77.7 116.5

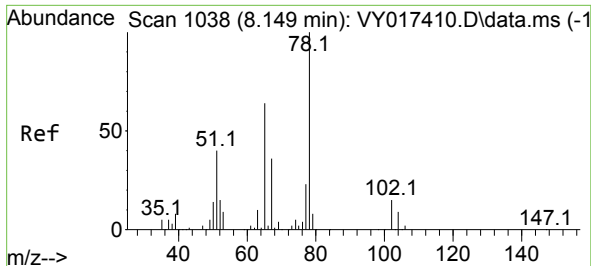


#32
1,1,1-Trichloroethane
Concen: 33.364 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21



Tgt Ion: 97 Resp: 100429
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 41.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 72.441 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

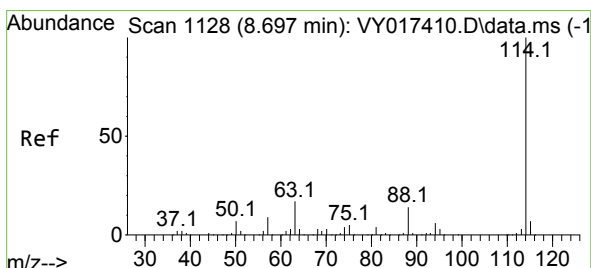
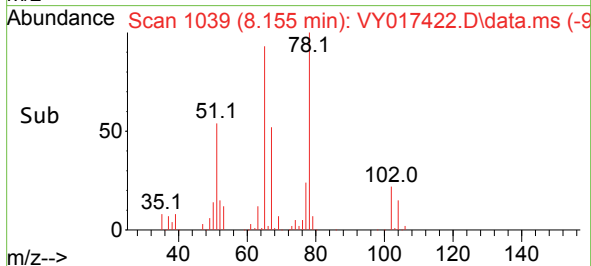
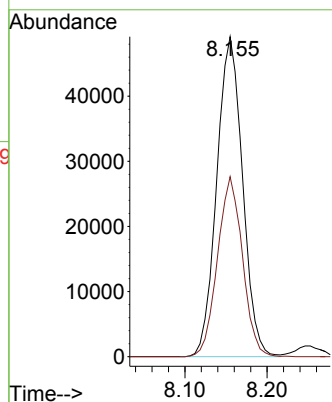
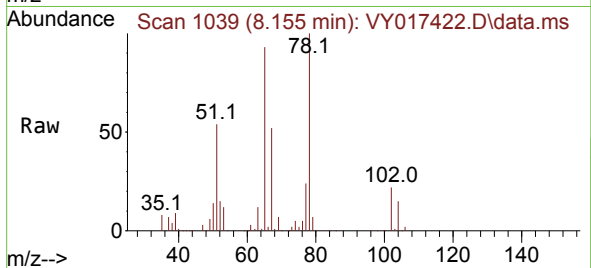
BP-VPB-191-GW-858-860MS

Tgt Ion: 65 Resp: 107076

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

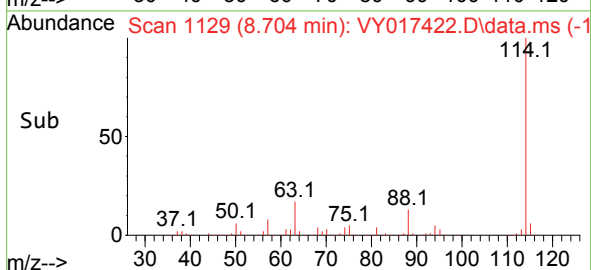
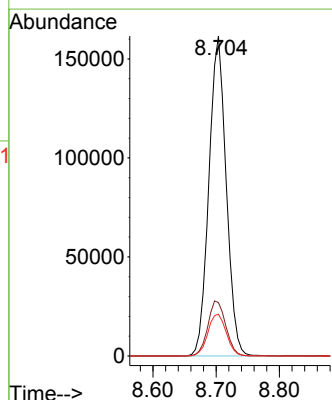
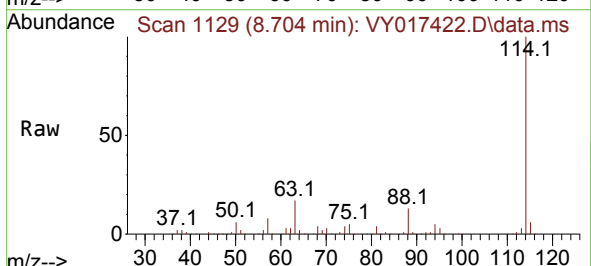
Tgt Ion: 114 Resp: 307022

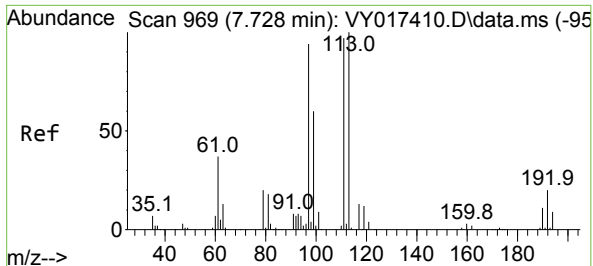
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.0 0.0 27.2

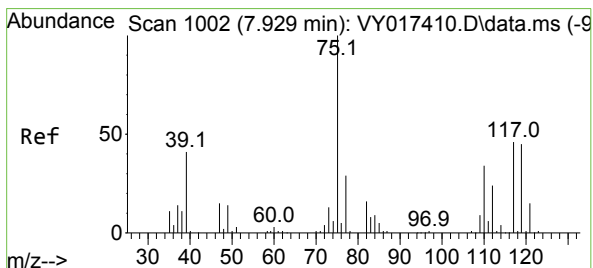
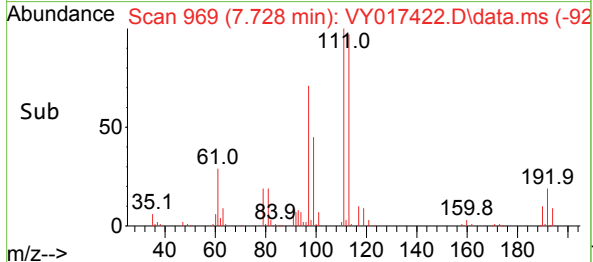
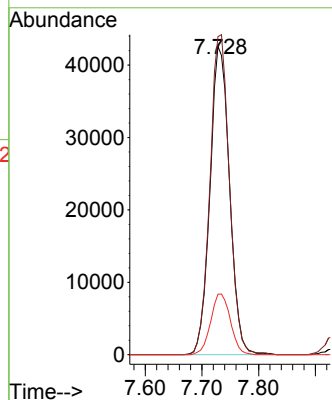
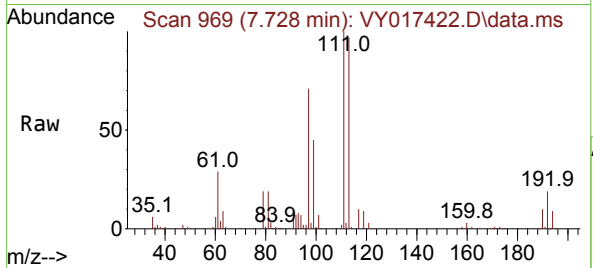




#35
Dibromofluoromethane
Concen: 56.724 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

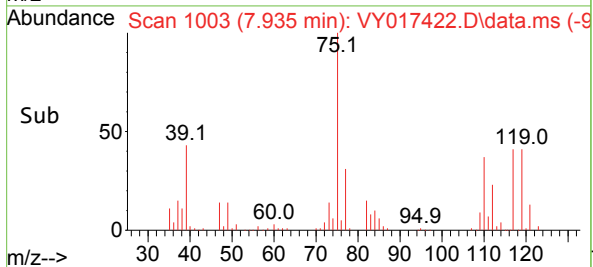
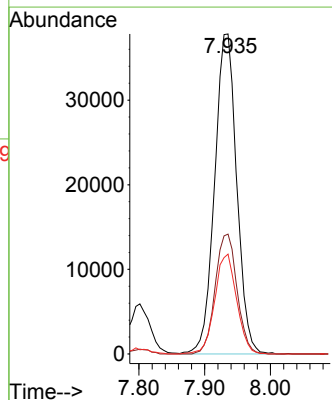
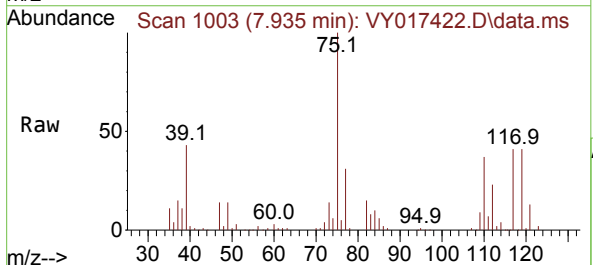
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

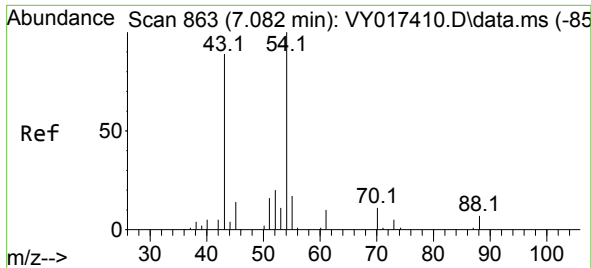
Tgt Ion:113 Resp: 101944
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 29.483 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 75 Resp: 88495
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 43.305 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

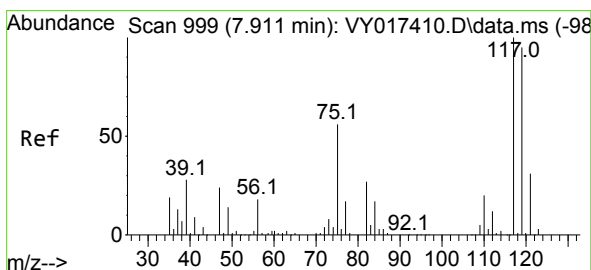
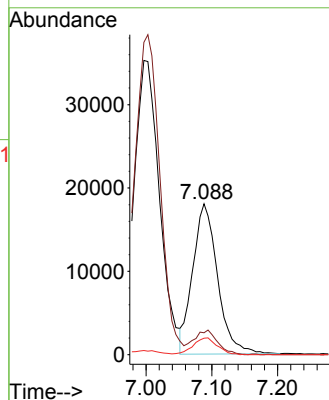
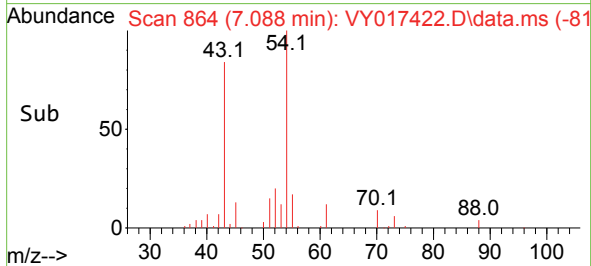
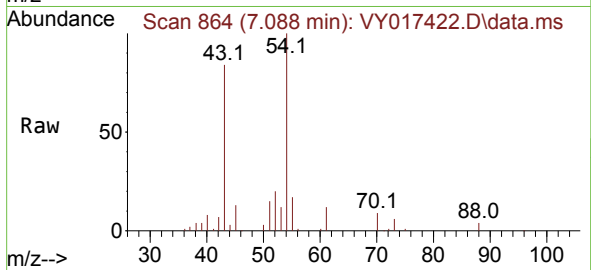
Tgt Ion: 43 Resp: 47330

Ion Ratio Lower Upper

43 100

61 15.7 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 29.275 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

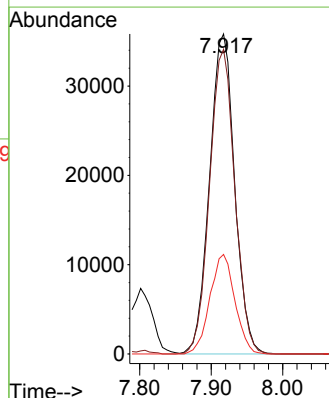
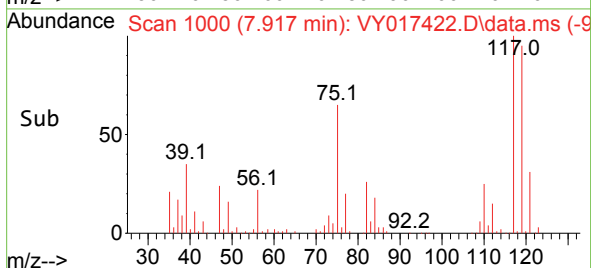
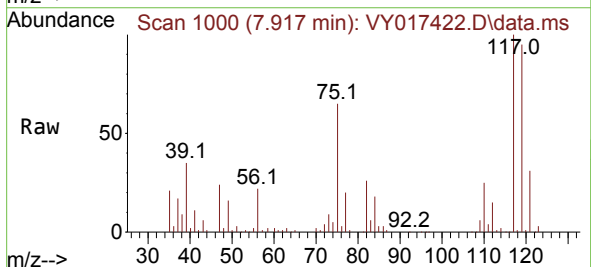
Tgt Ion: 117 Resp: 87487

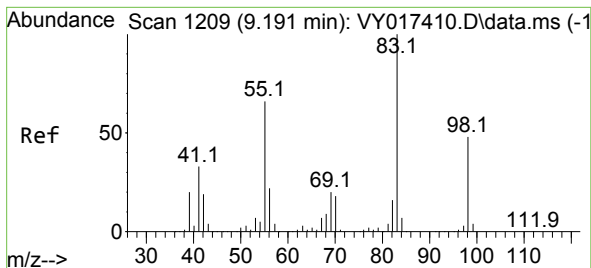
Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.6

121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 29.297 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

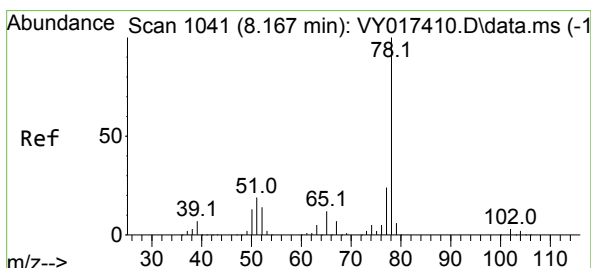
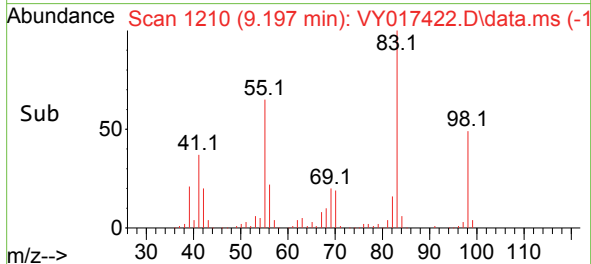
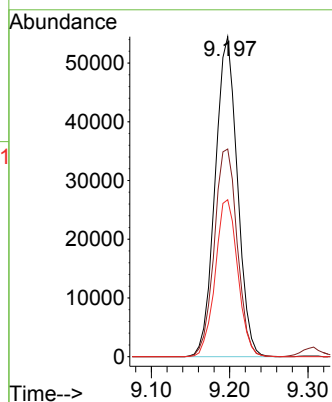
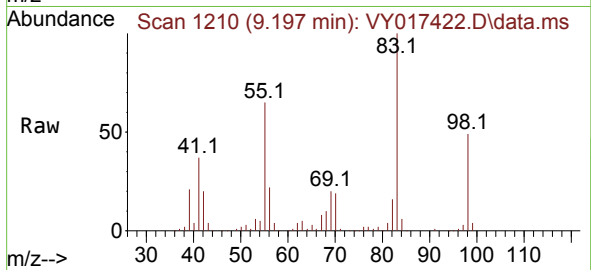
Tgt Ion: 83 Resp: 107639

Ion Ratio Lower Upper

83 100

55 64.9 51.5 77.3

98 49.1 40.5 60.7



#40

Benzene

Concen: 32.176 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017422.D

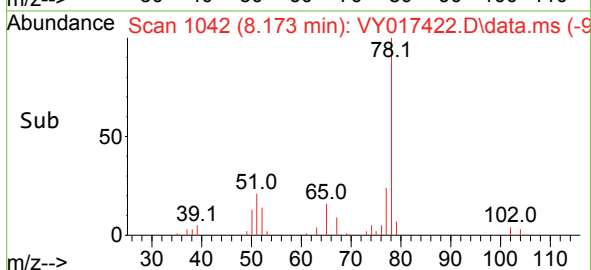
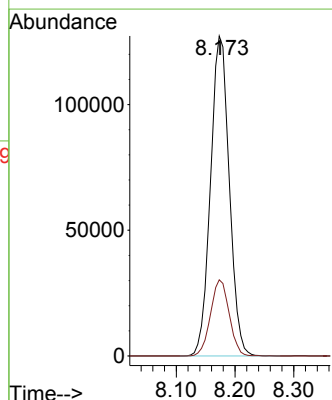
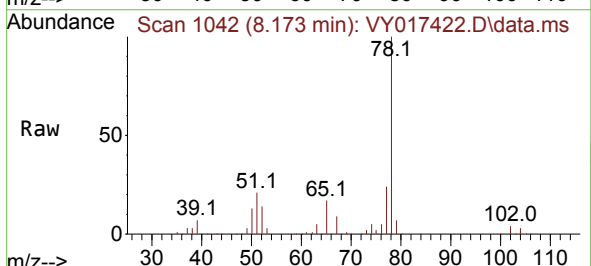
Acq: 20 Feb 2024 15:21

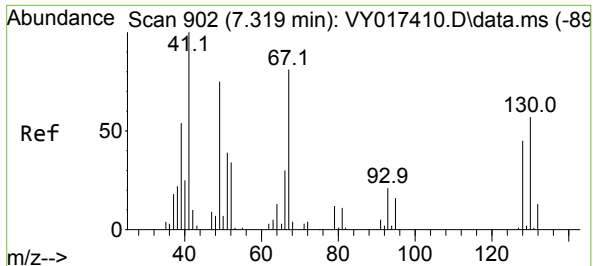
Tgt Ion: 78 Resp: 282171

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3

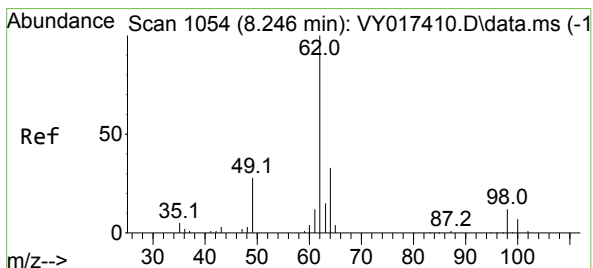
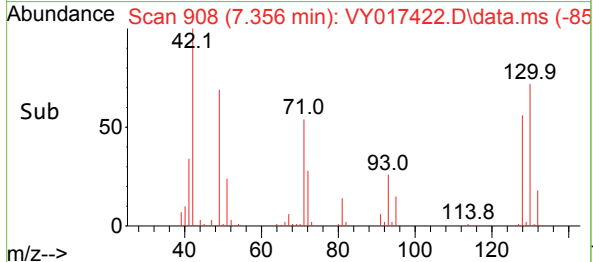
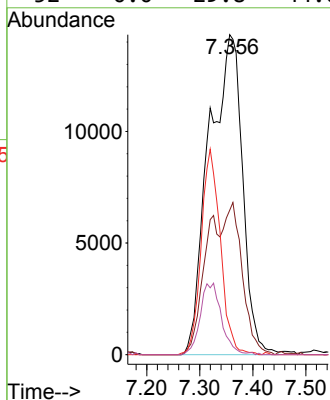
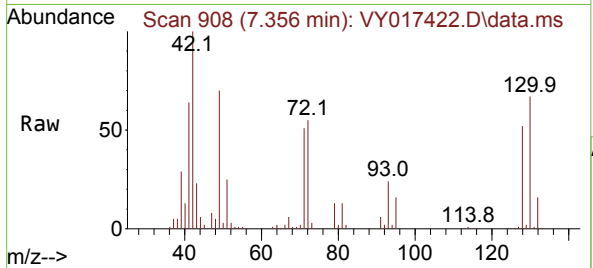




#41
Methacrylonitrile
Concen: 117.535 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

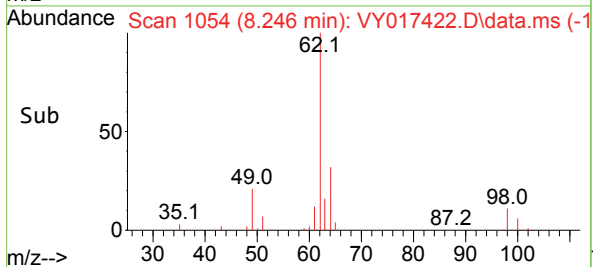
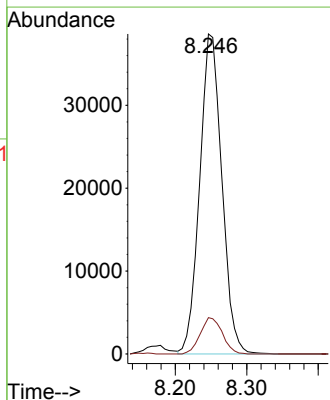
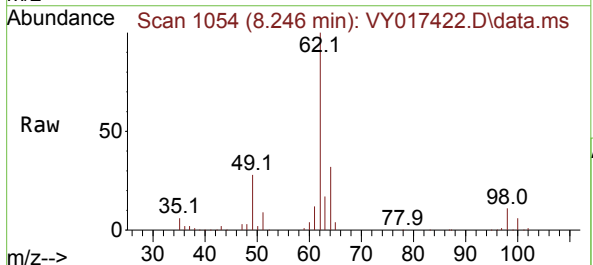
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

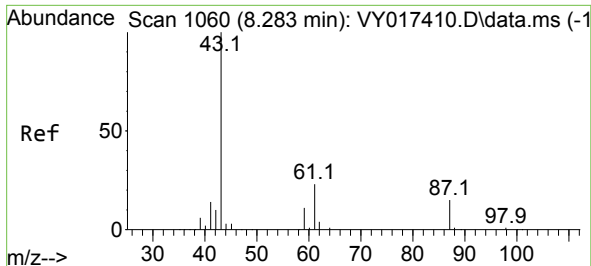
Tgt Ion: 41 Resp: 62735
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 39.068 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 62 Resp: 83165
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.0

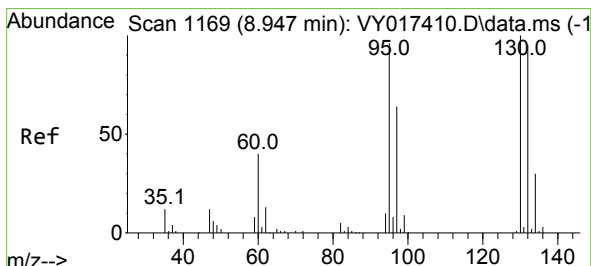
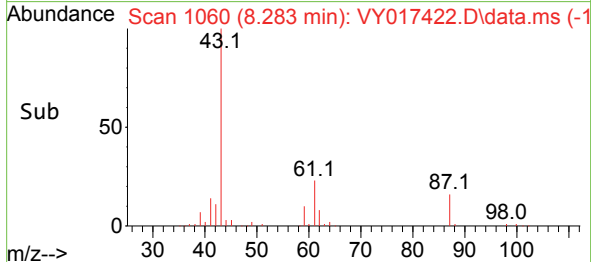
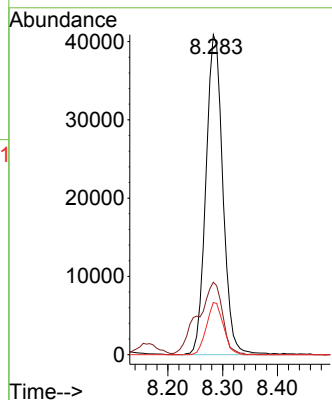
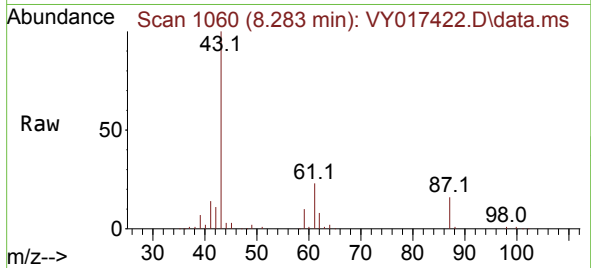




#43
Isopropyl Acetate
Concen: 44.332 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

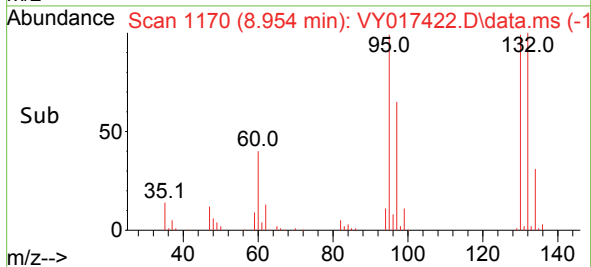
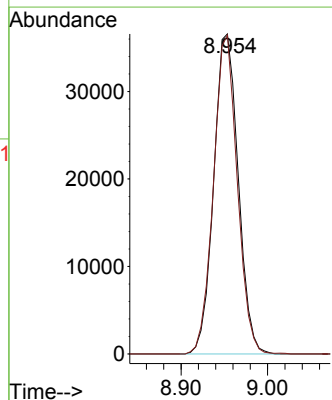
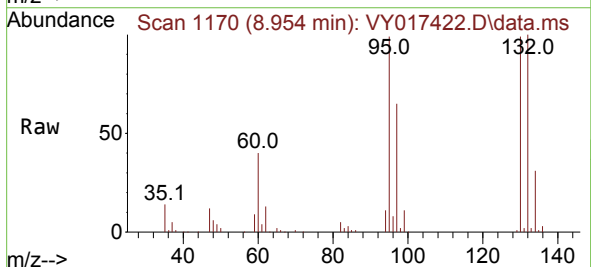
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

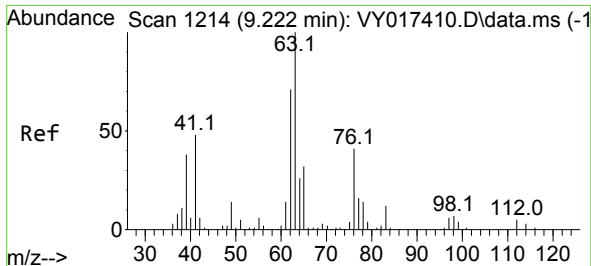
Tgt Ion: 43	Resp: 87559
Ion Ratio	Lower Upper
43	100
61	33.0 27.9 41.9
87	16.2 13.1 19.7



#44
Trichloroethene
Concen: 30.153 ug/l
RT: 8.954 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 130	Resp: 71675
Ion Ratio	Lower Upper
130	100
95	99.7 0.0 188.0

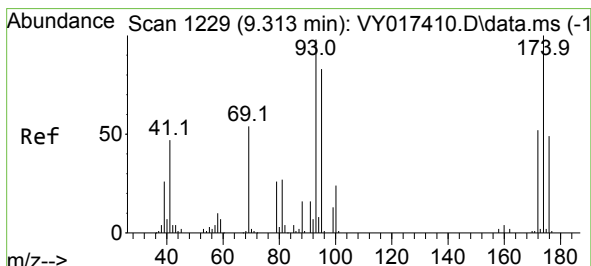
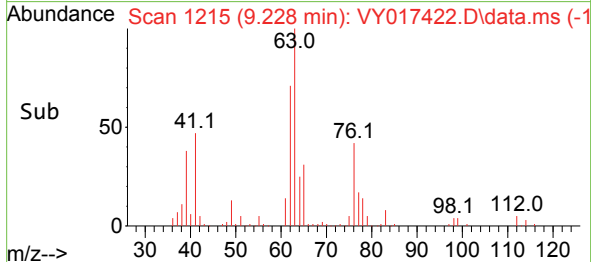
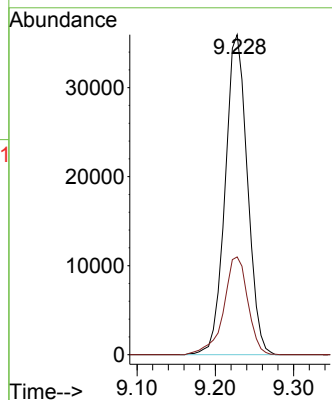
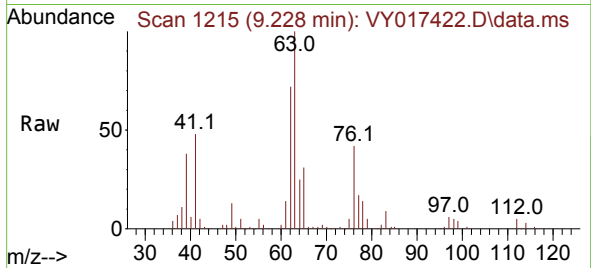




#45
1,2-Dichloropropane
Concen: 34.998 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

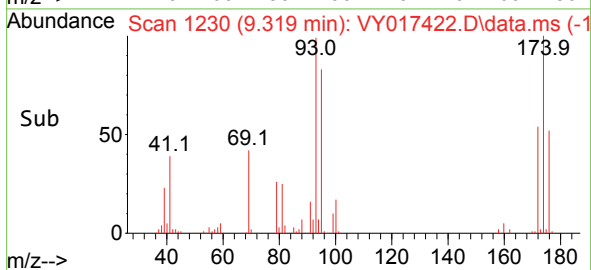
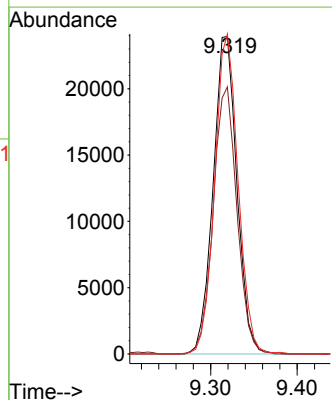
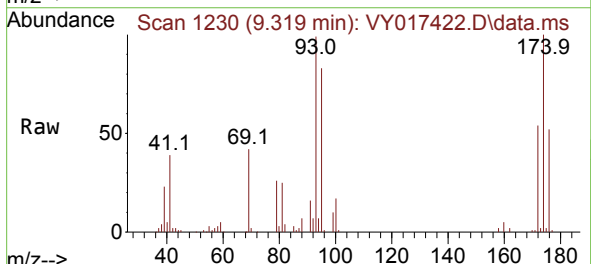
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

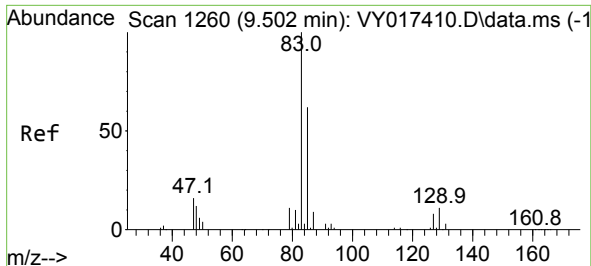
Tgt Ion: 63 Resp: 70946
Ion Ratio Lower Upper
63 100
65 30.6 25.4 38.2



#46
Dibromomethane
Concen: 39.635 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 93 Resp: 45668
Ion Ratio Lower Upper
93 100
95 84.0 66.2 99.4
174 99.3 80.9 121.3

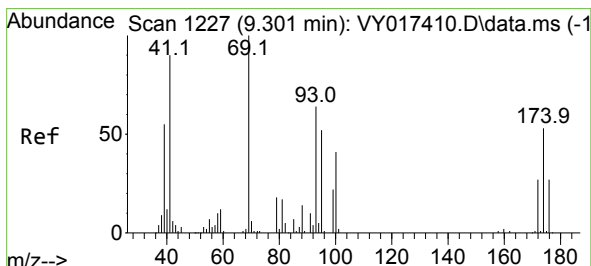
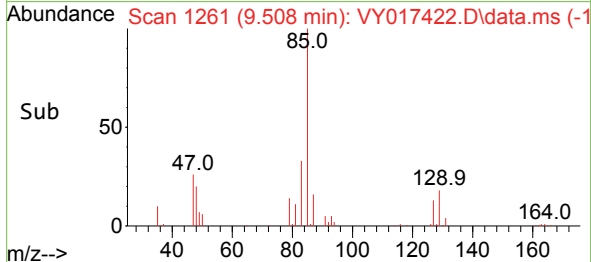
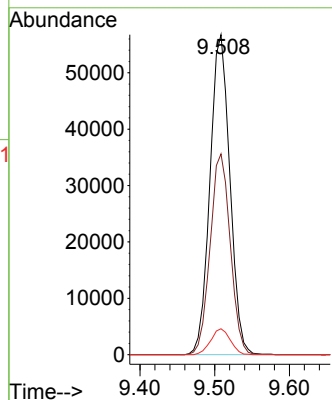
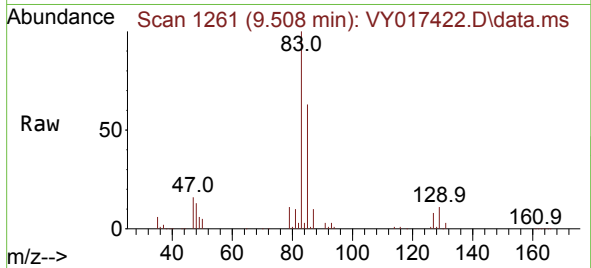




#47
Bromodichloromethane
Concen: 37.018 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

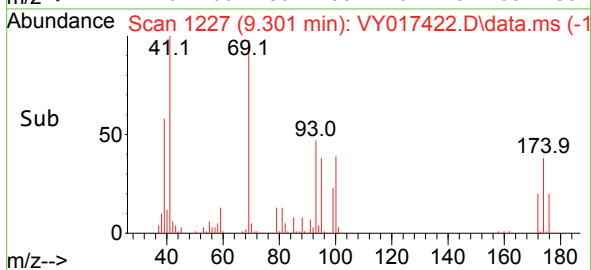
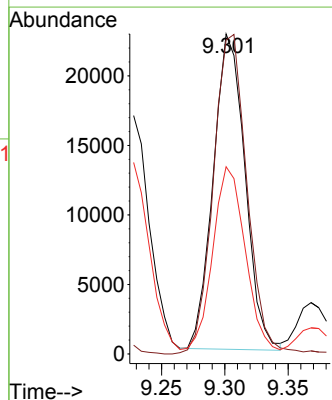
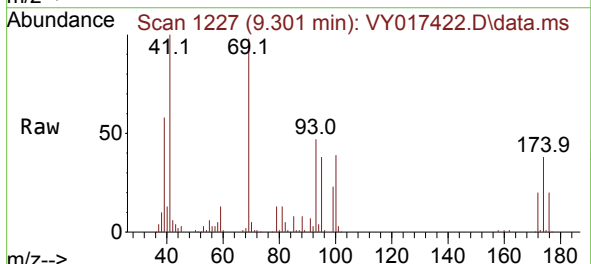
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

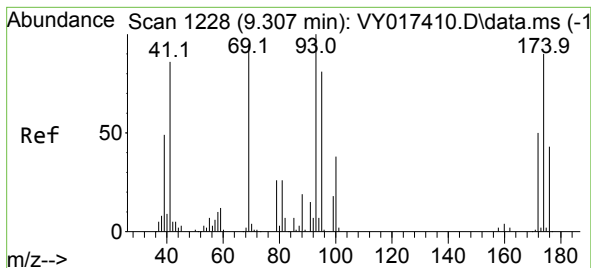
Tgt Ion: 83 Resp: 104869
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 42.798 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 41 Resp: 39660
Ion Ratio Lower Upper
41 100
69 107.8 84.1 126.1
39 61.3 43.6 65.4





#49

1,4-Dioxane

Concen: 380.961 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

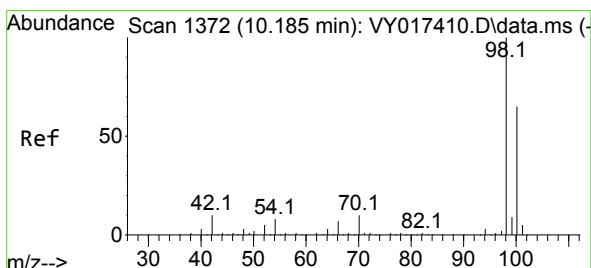
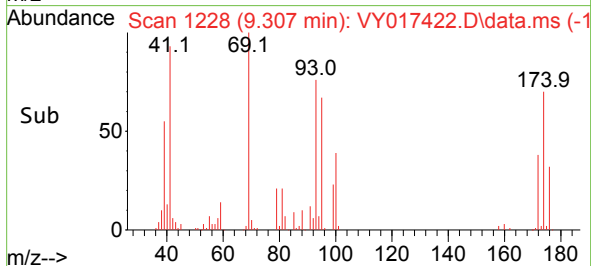
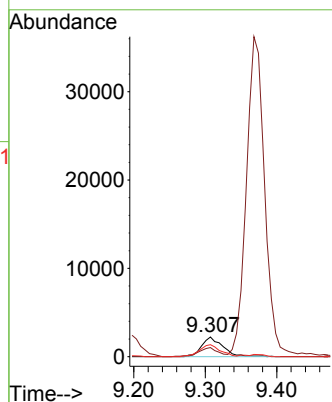
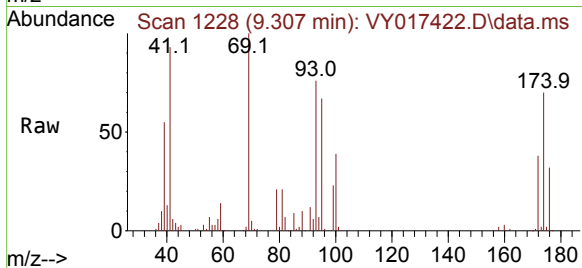
Tgt Ion: 88 Resp: 4591

Ion Ratio Lower Upper

88 100

43 42.9 0.0 0.0#

58 60.0 49.3 73.9



#50

Toluene-d8

Concen: 50.352 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017422.D

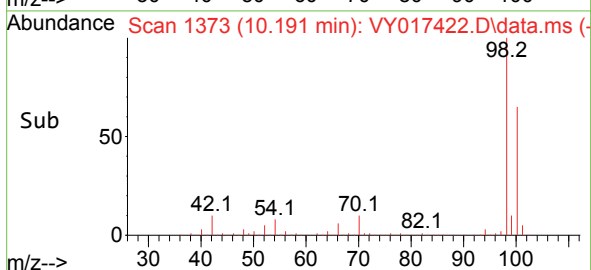
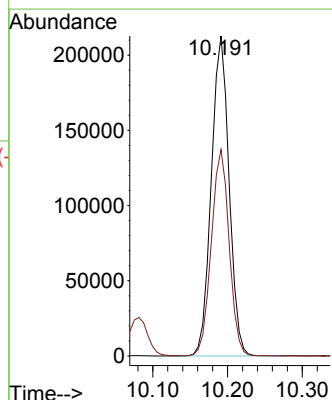
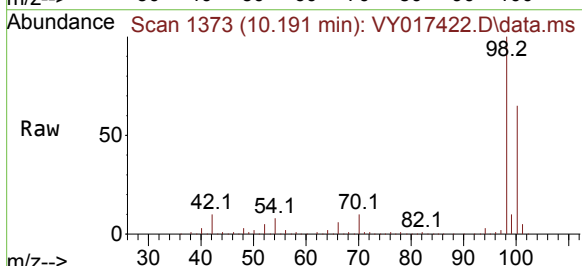
Acq: 20 Feb 2024 15:21

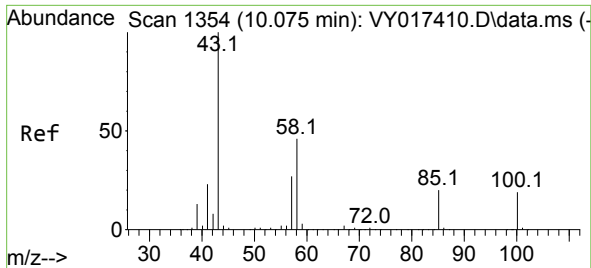
Tgt Ion: 98 Resp: 350963

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 221.127 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

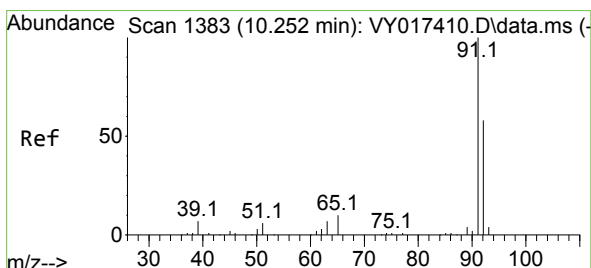
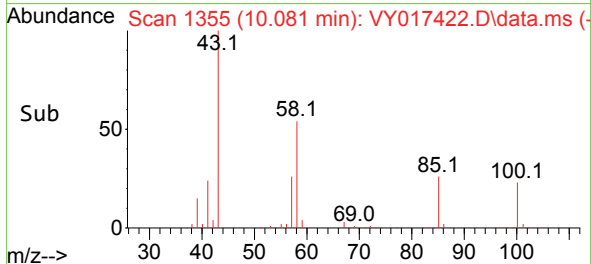
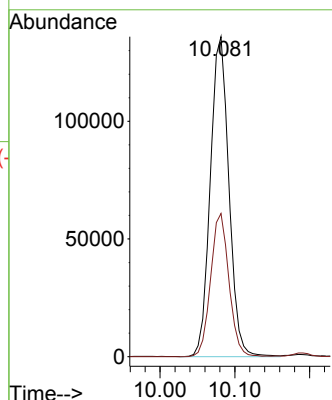
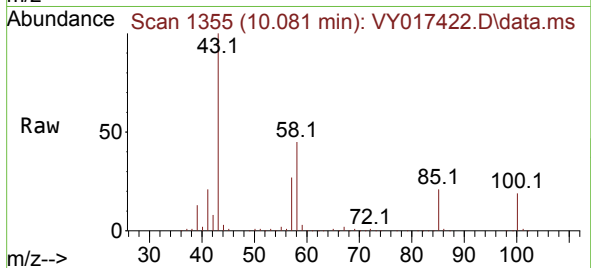
BP-VPB-191-GW-858-860MS

Tgt Ion: 43 Resp: 235329

Ion Ratio Lower Upper

43 100

58 44.0 35.7 53.5



#52

Toluene

Concen: 32.131 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017422.D

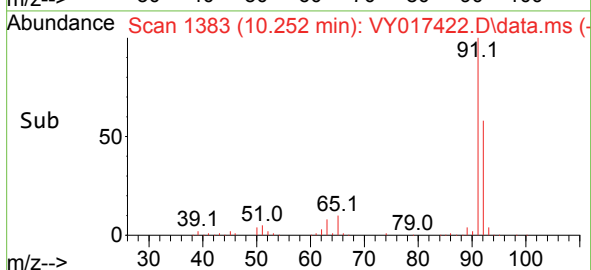
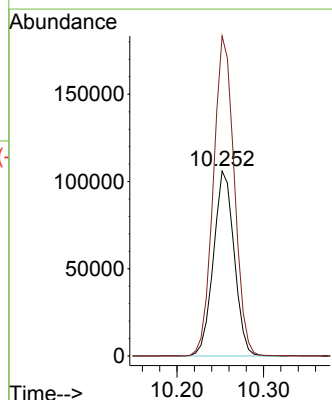
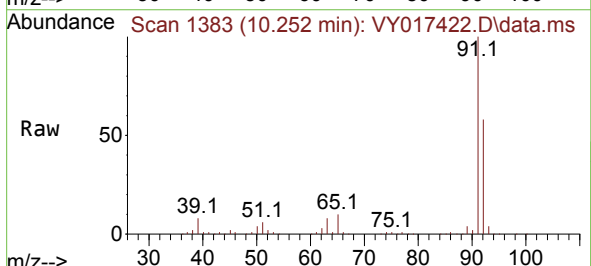
Acq: 20 Feb 2024 15:21

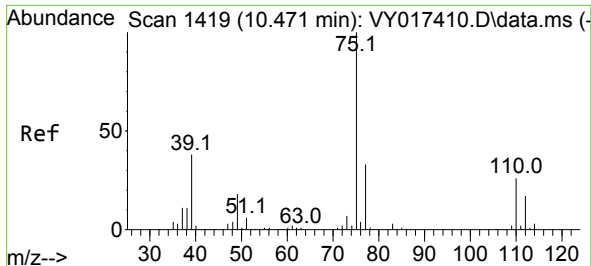
Tgt Ion: 92 Resp: 175911

Ion Ratio Lower Upper

92 100

91 175.0 139.0 208.6

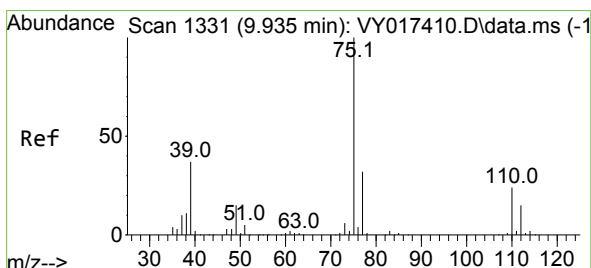
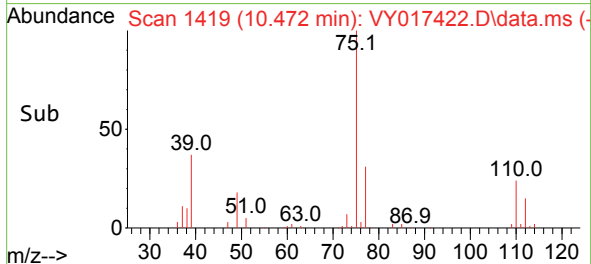
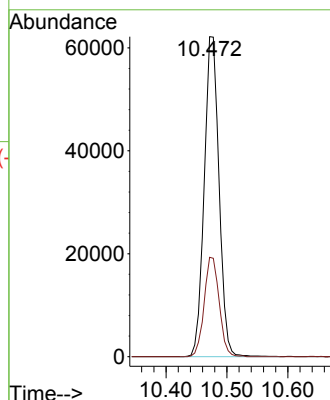
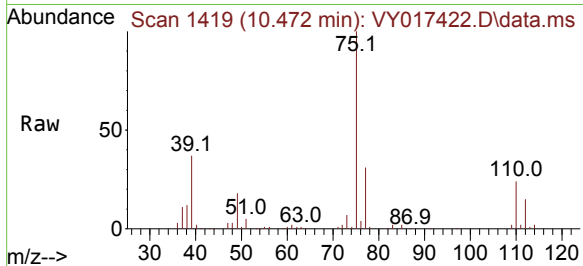




#53
 t-1,3-Dichloropropene
 Concen: 40.132 ug/l
 RT: 10.472 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

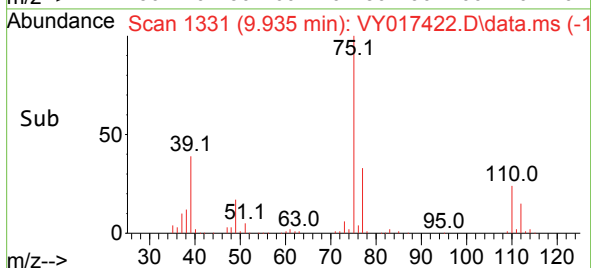
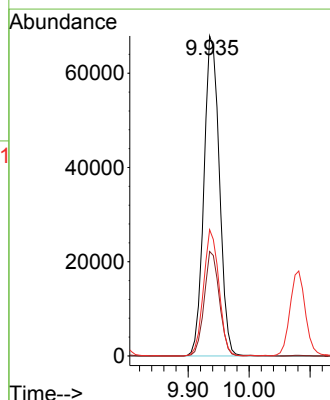
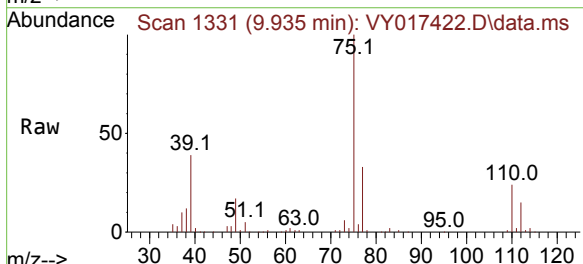
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

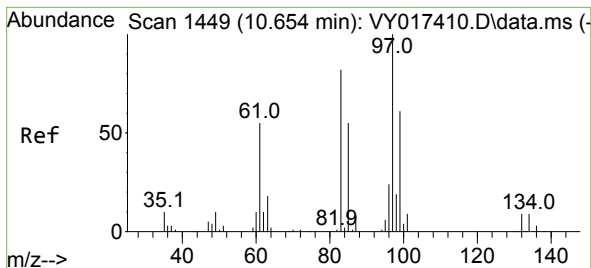
Tgt Ion: 75 Resp: 105274
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 37.332 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

Tgt Ion: 75 Resp: 120147
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 39.5 29.8 44.6

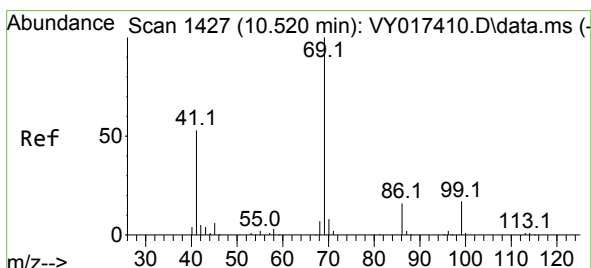
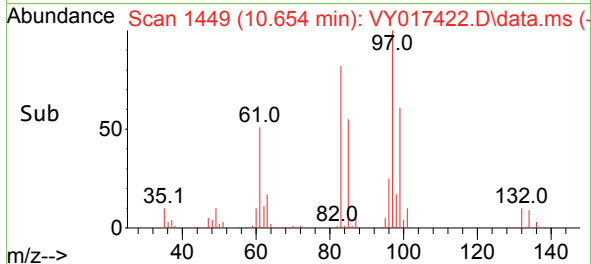
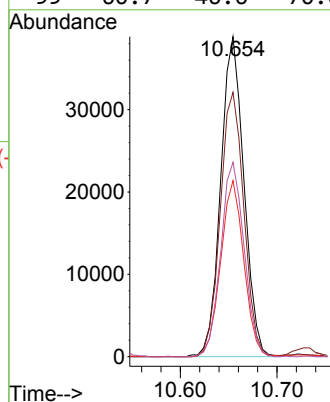
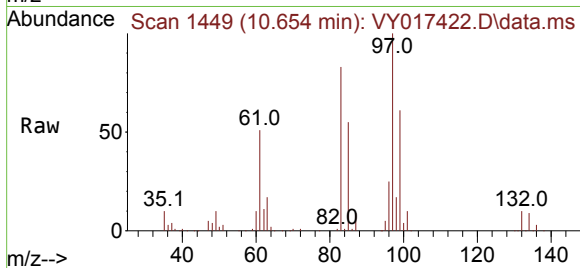




#55
1,1,2-Trichloroethane
Concen: 40.706 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

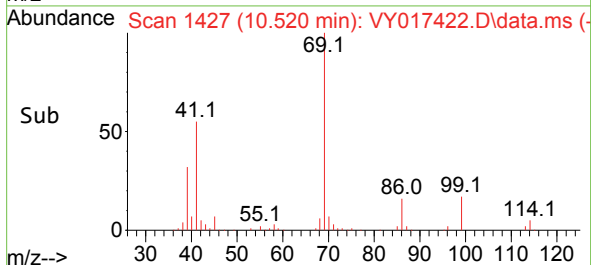
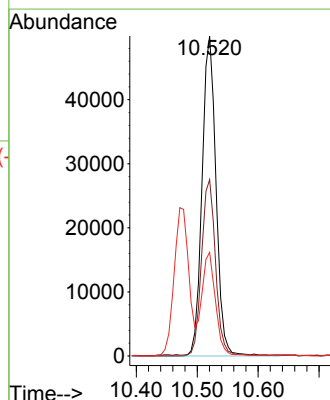
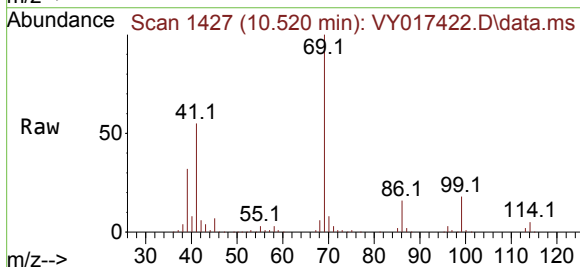
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

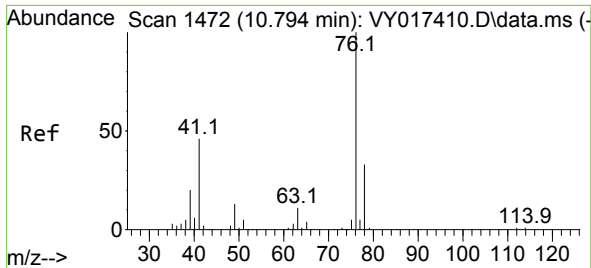
Tgt Ion: 97	Resp: 64533
Ion Ratio	Lower Upper
97 100	
83 82.6	67.5 101.3
85 55.0	42.9 64.3
99 60.7	46.6 70.0



#56
Ethyl methacrylate
Concen: 40.509 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 69	Resp: 79513
Ion Ratio	Lower Upper
69 100	
41 54.6	42.3 63.5
39 31.9	22.9 34.3





#57

1,3-Dichloropropane

Concen: 39.700 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

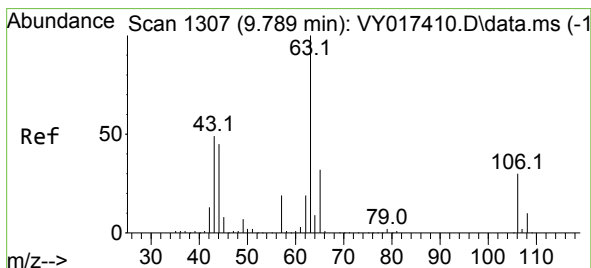
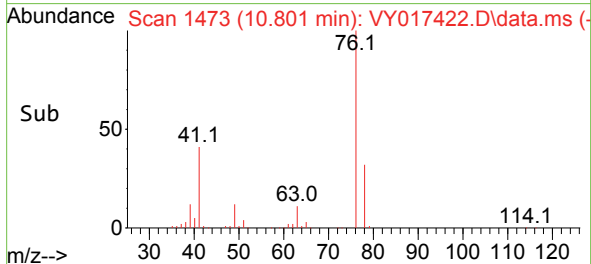
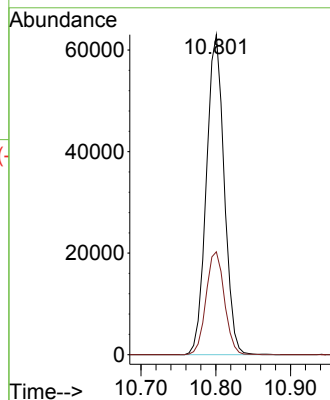
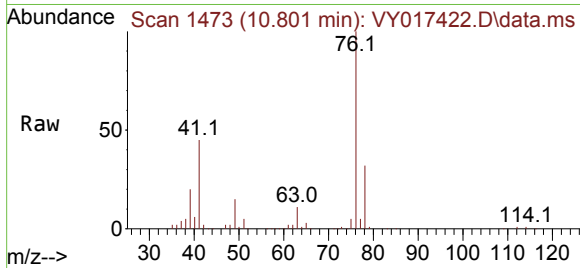
BP-VPB-191-GW-858-860MS

Tgt Ion: 76 Resp: 104137

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 215.682 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017422.D

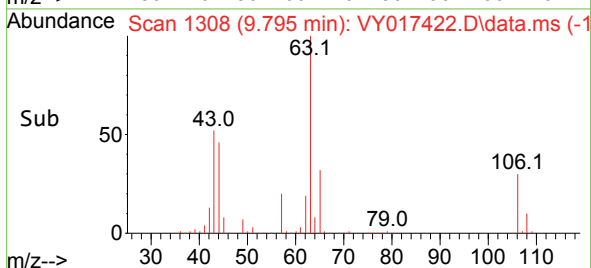
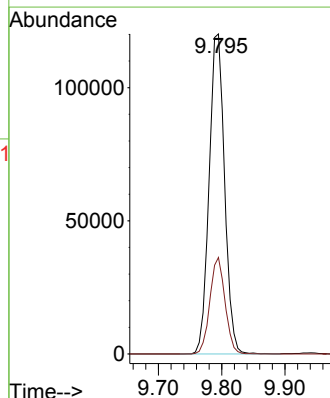
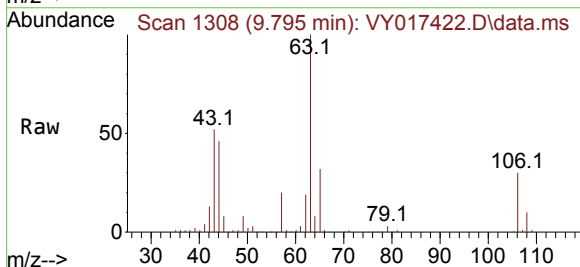
Acq: 20 Feb 2024 15:21

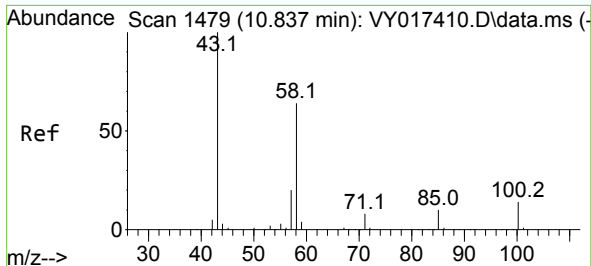
Tgt Ion: 63 Resp: 204305

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5

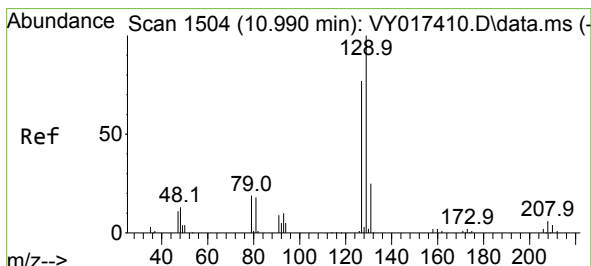
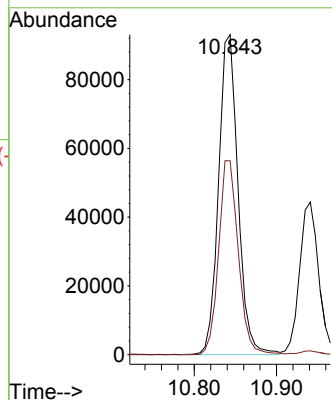
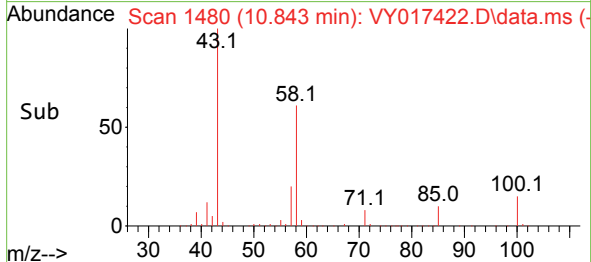
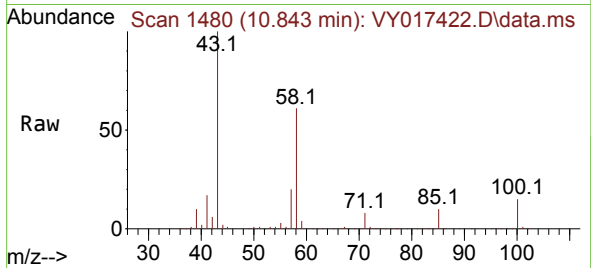




#59
2-Hexanone
Concen: 208.759 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

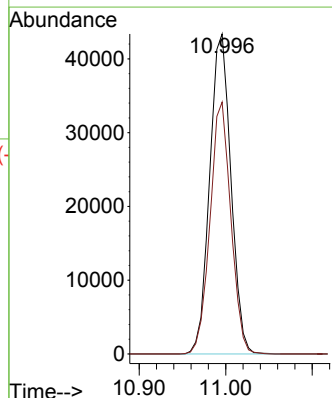
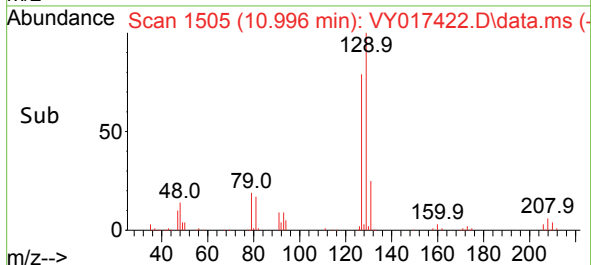
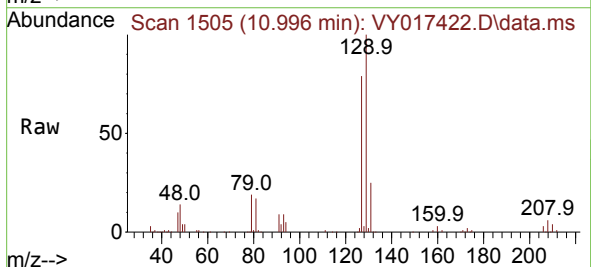
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

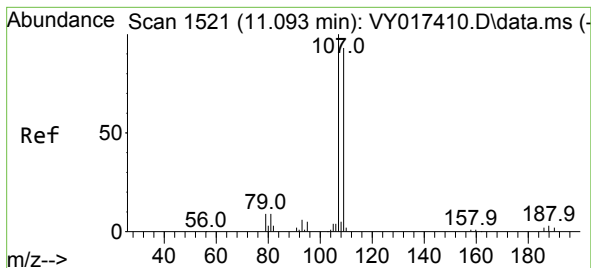
Tgt Ion: 43 Resp: 153026
Ion Ratio Lower Upper
43 100
58 61.6 31.4 94.0



#60
Dibromochloromethane
Concen: 39.193 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 129 Resp: 73862
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 41.312 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

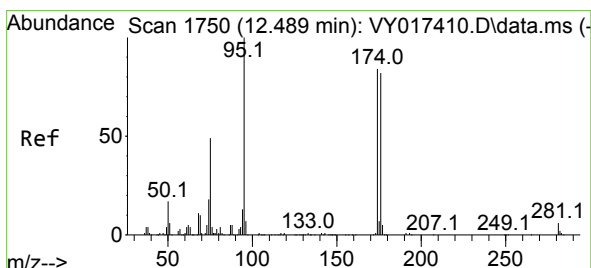
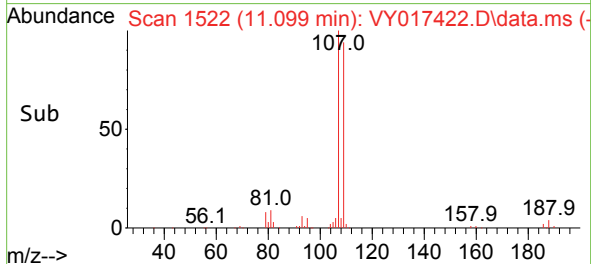
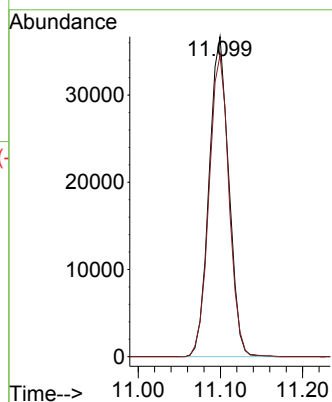
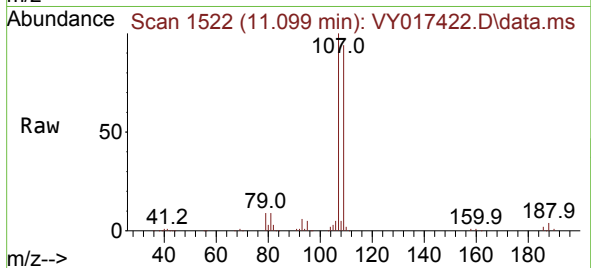
BP-VPB-191-GW-858-860MS

Tgt Ion:107 Resp: 61274

Ion Ratio Lower Upper

107 100

109 95.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.438 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

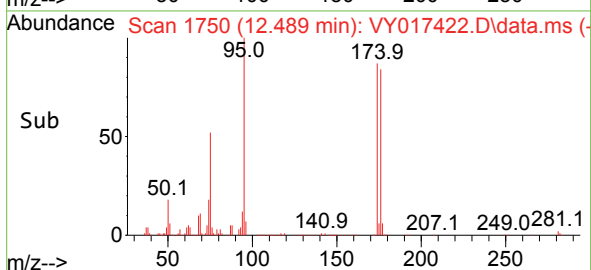
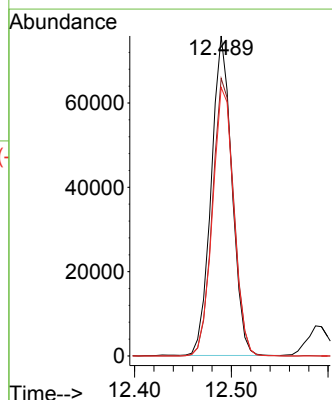
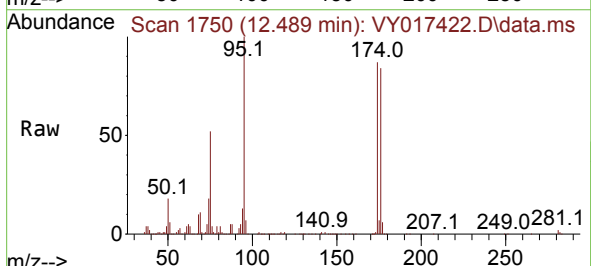
Tgt Ion: 95 Resp: 112471

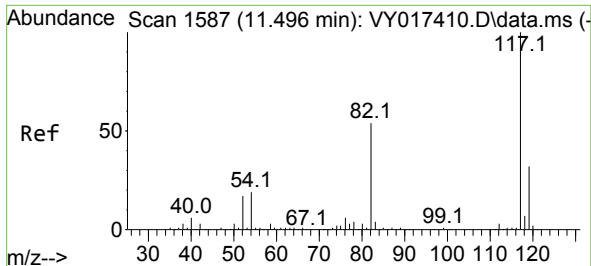
Ion Ratio Lower Upper

95 100

174 89.4 0.0 175.6

176 86.8 0.0 171.4

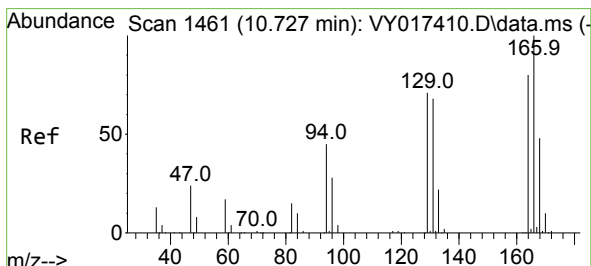
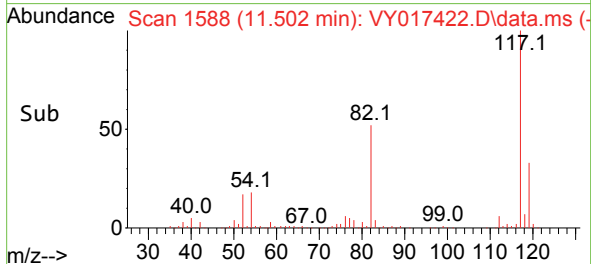
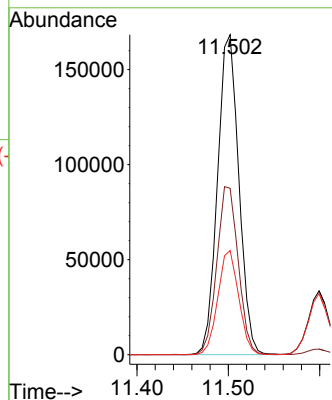
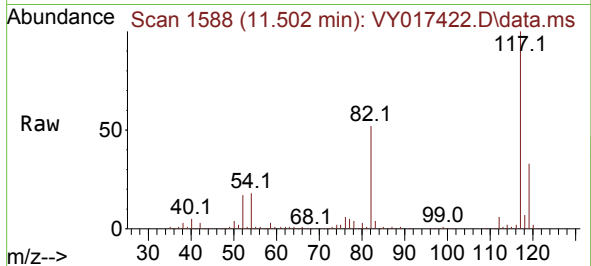




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

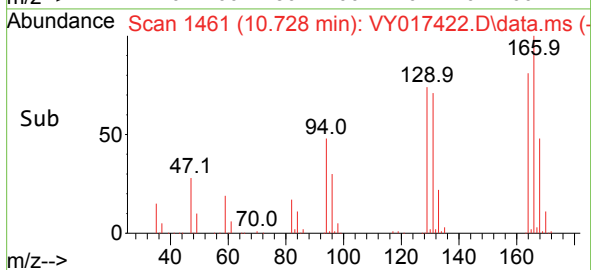
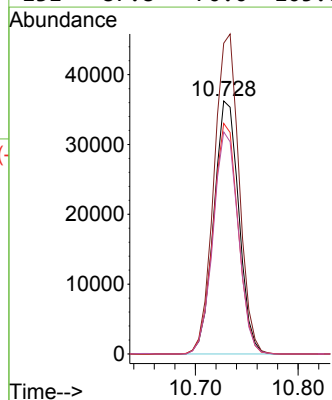
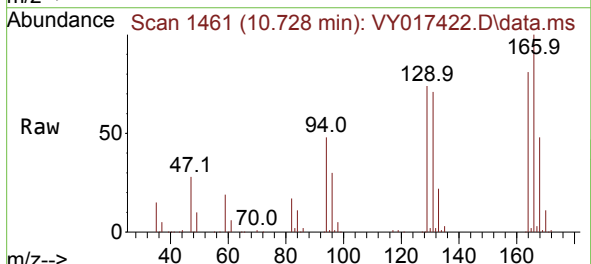
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

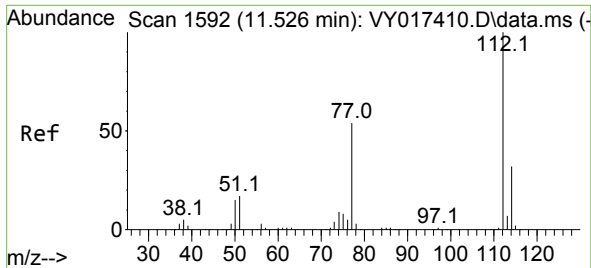
Tgt Ion:117 Resp: 273392
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 27.961 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion:164 Resp: 61178
Ion Ratio Lower Upper
164 100
166 122.9 102.6 154.0
129 91.2 72.0 108.0
131 87.8 70.0 105.0

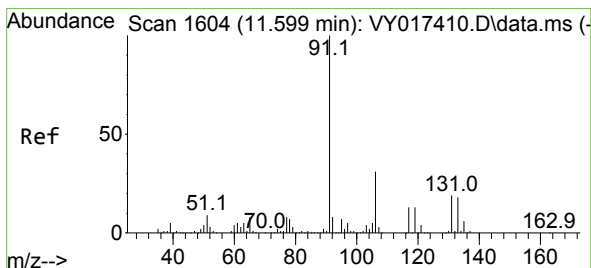
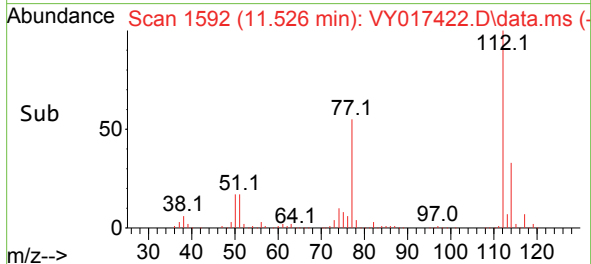
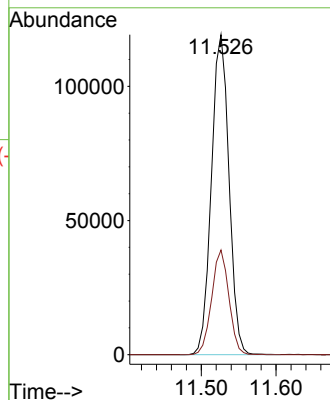
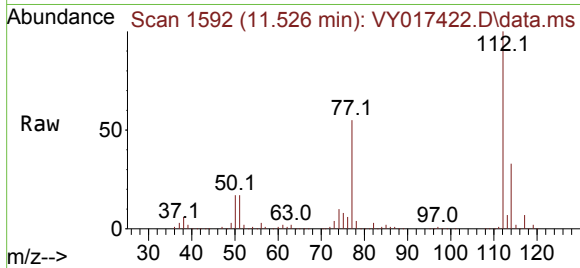




#65
Chlorobenzene
Concen: 33.098 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

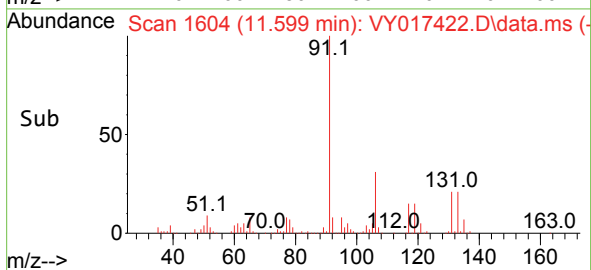
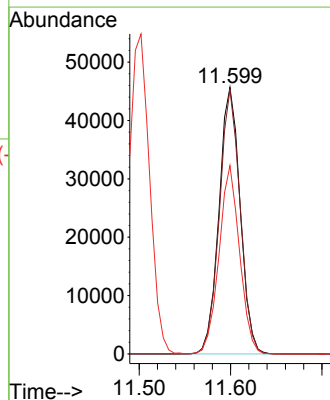
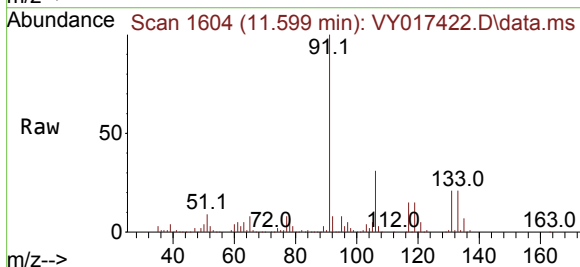
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

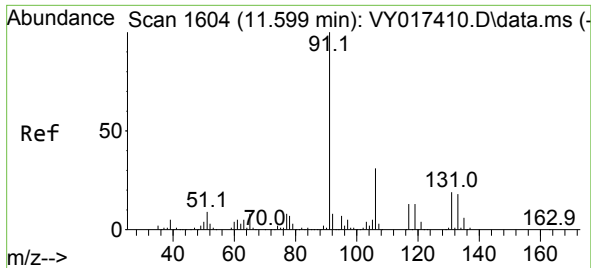
Tgt Ion:112 Resp: 194939
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 33.506 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion:131 Resp: 73487
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 68.8 34.1 102.2

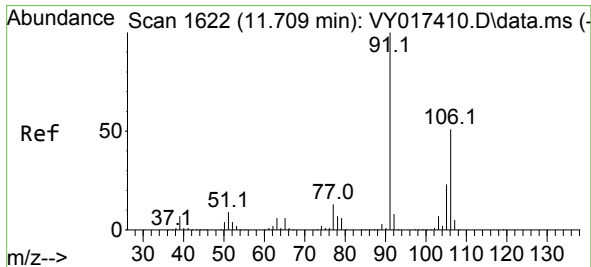
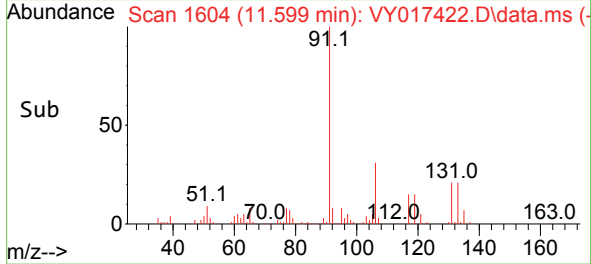
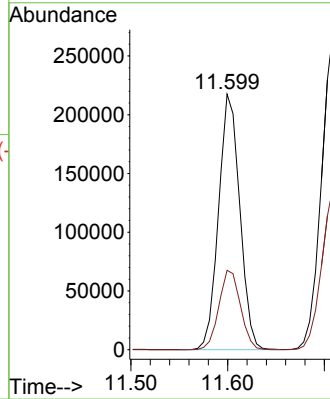
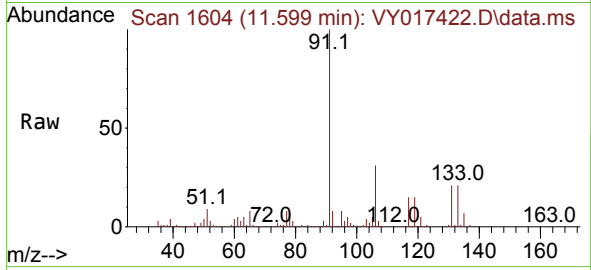




#67
Ethyl Benzene
Concen: 31.379 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

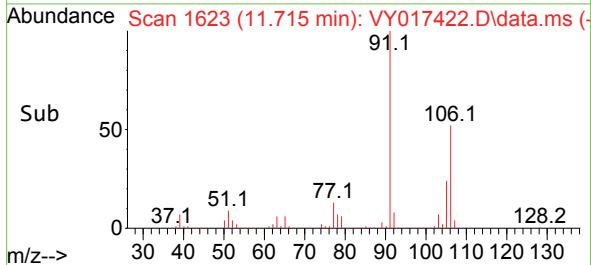
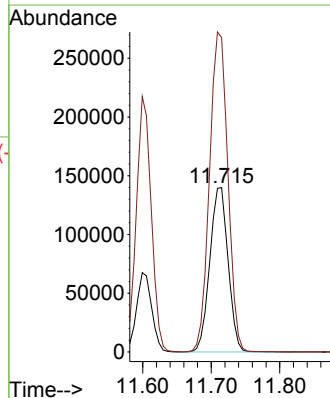
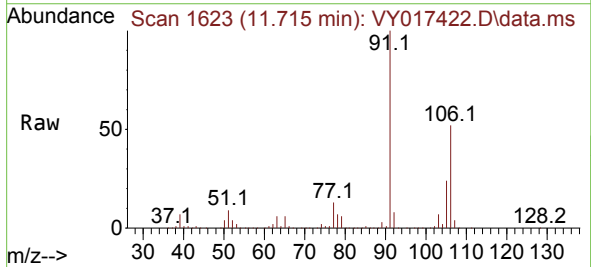
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

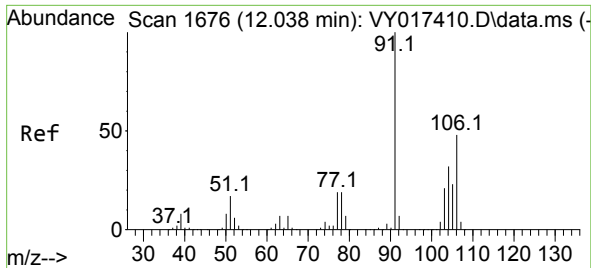
Tgt Ion: 91 Resp: 330541
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 62.592 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 106 Resp: 259188
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0

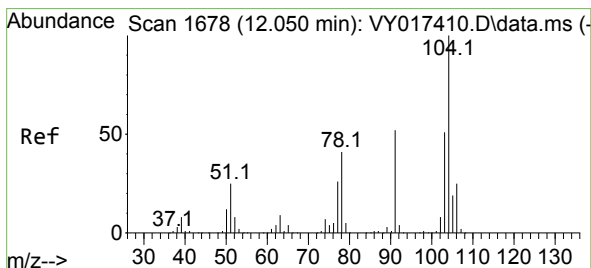
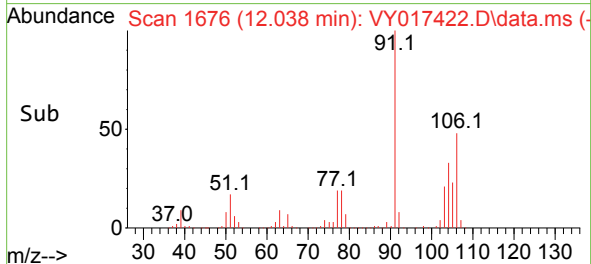
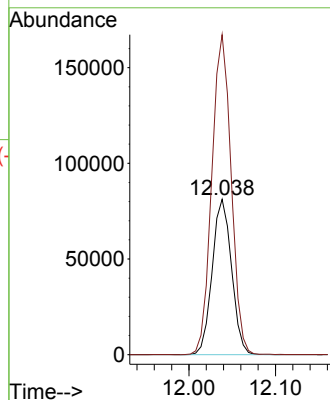
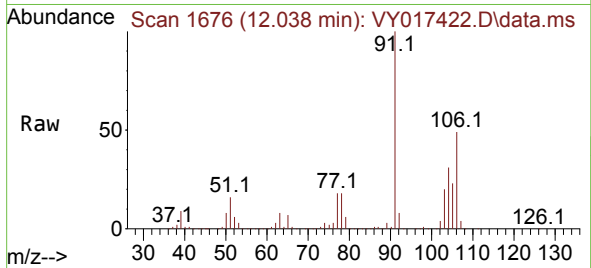




#69
o-Xylene
Concen: 33.133 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

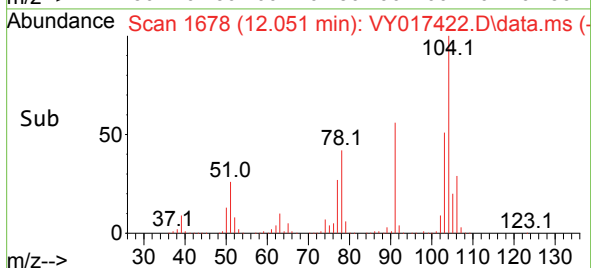
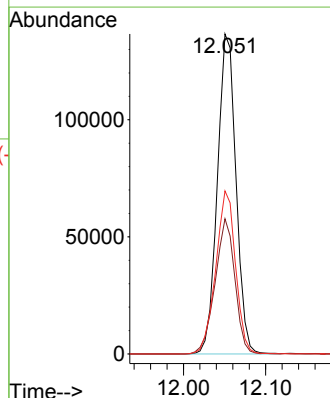
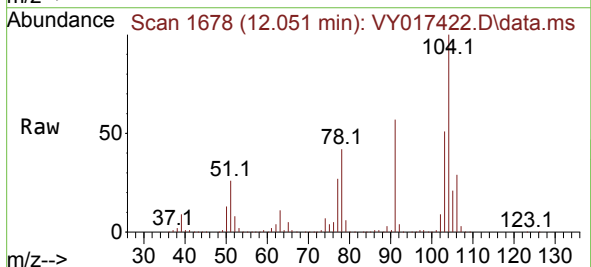
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

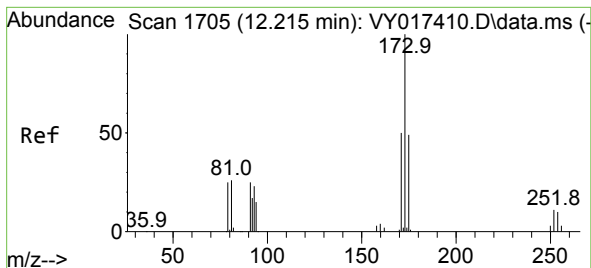
Tgt Ion:106 Resp: 125867
Ion Ratio Lower Upper
106 100
91 206.5 103.6 310.8



#70
Styrene
Concen: 34.412 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion:104 Resp: 214711
Ion Ratio Lower Upper
104 100
78 44.9 37.0 55.4
103 54.3 44.2 66.2





#71

Bromoform

Concen: 40.485 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

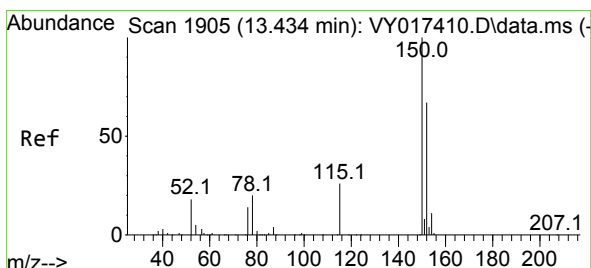
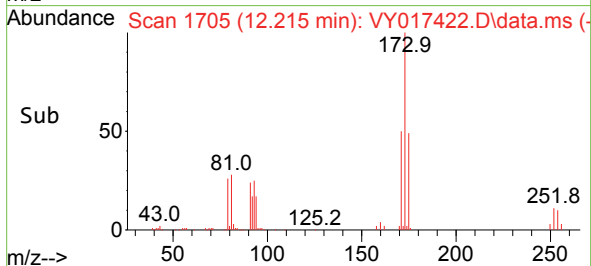
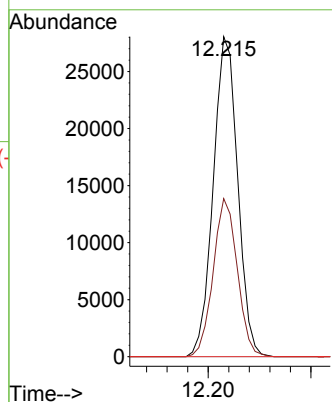
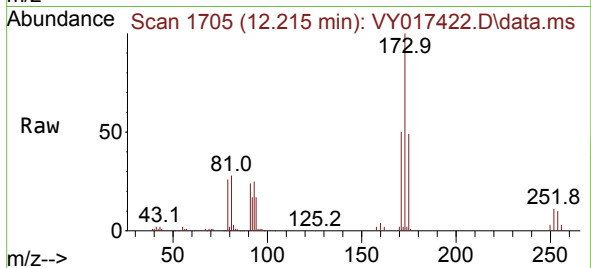
Tgt Ion:173 Resp: 46198

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

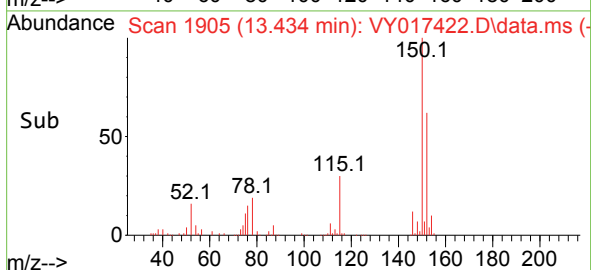
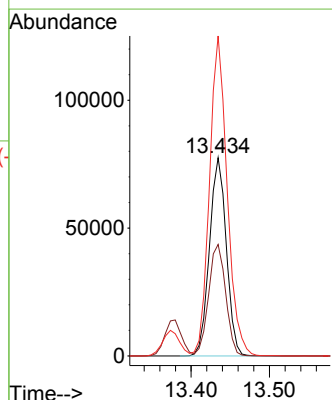
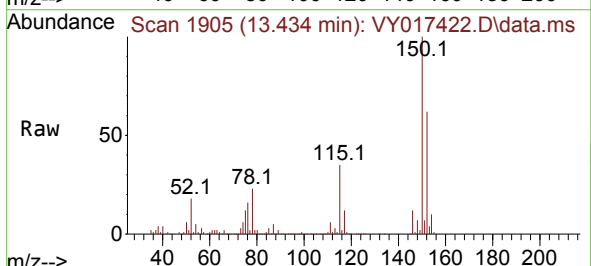
Tgt Ion:152 Resp: 115917

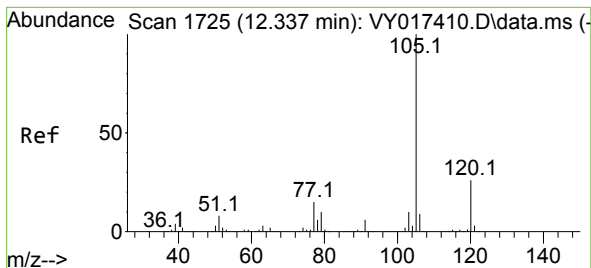
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 169.1 0.0 345.6





#73

Isopropylbenzene

Concen: 34.289 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

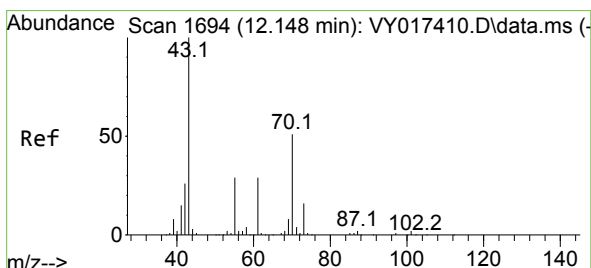
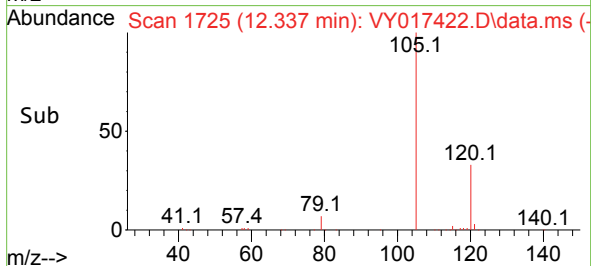
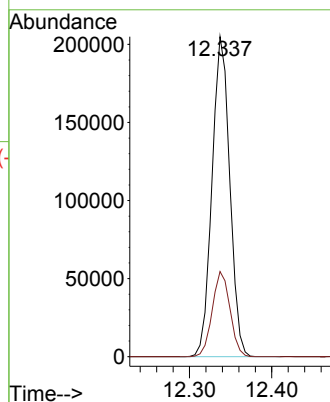
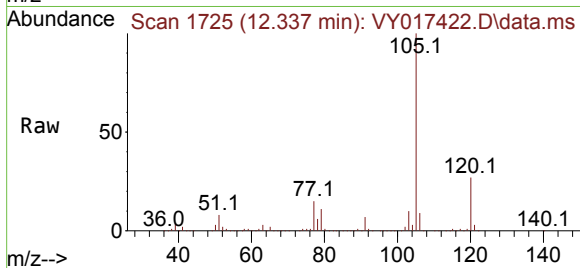
BP-VPB-191-GW-858-860MS

Tgt Ion:105 Resp: 307020

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 48.506 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Tgt Ion: 43 Resp: 75623

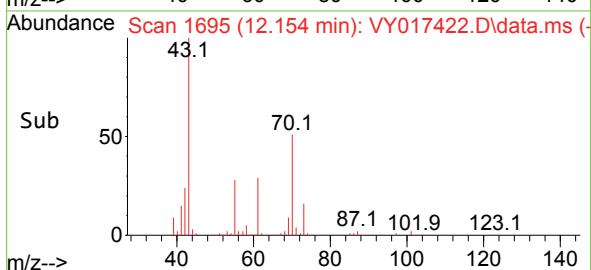
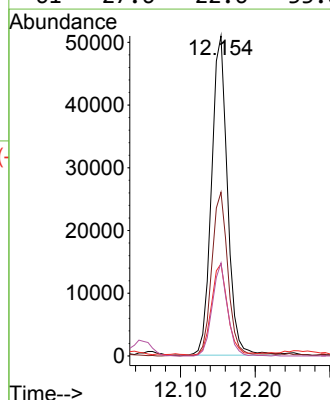
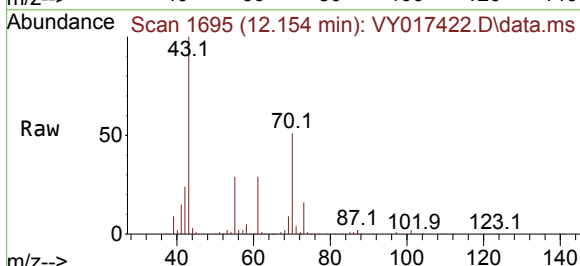
Ion Ratio Lower Upper

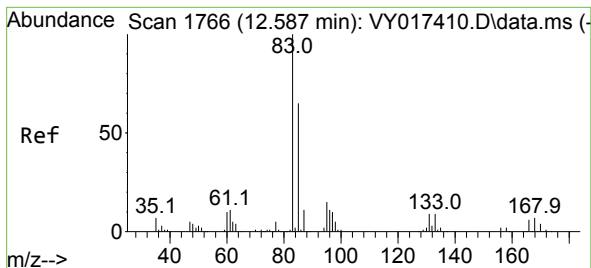
43 100

70 52.5 41.4 62.2

55 29.0 23.3 34.9

61 27.6 22.6 33.8

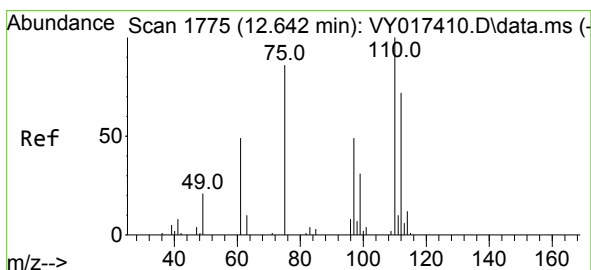
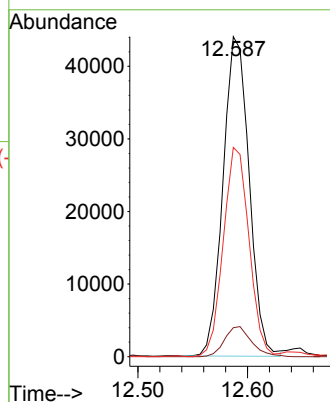
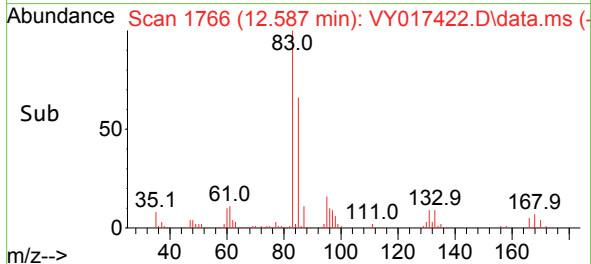
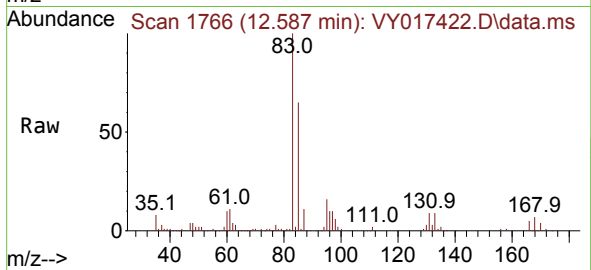




#75
1,1,2,2-Tetrachloroethane
Concen: 45.591 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

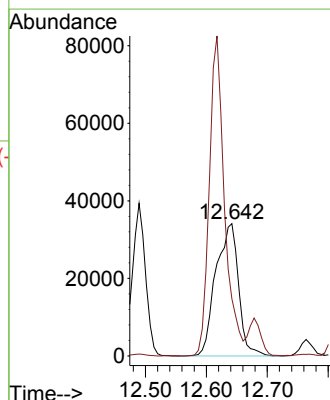
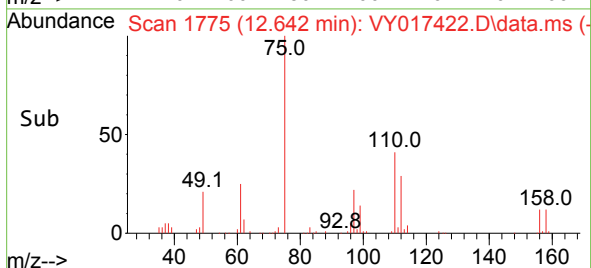
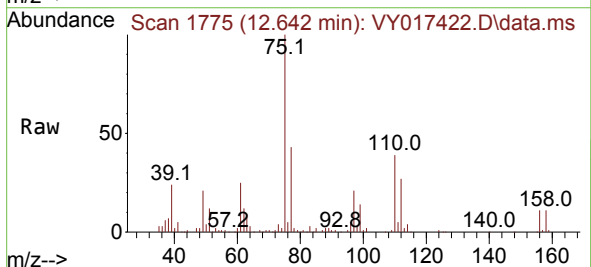
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

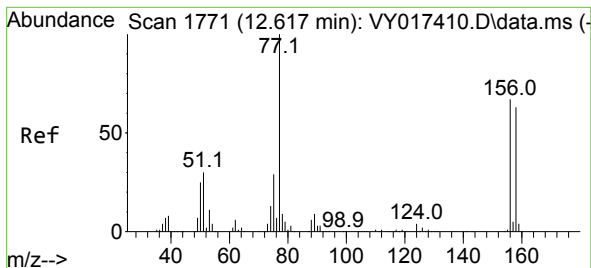
Tgt Ion: 83 Resp: 72958
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 78.553 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 75 Resp: 88287
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 38.337 ug/l

RT: 12.618 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

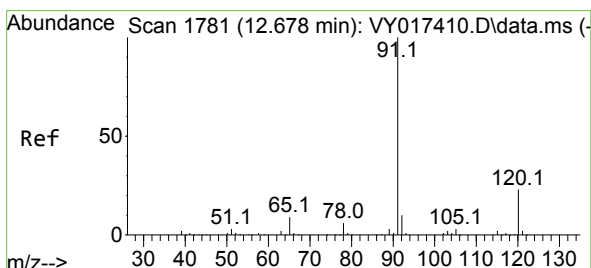
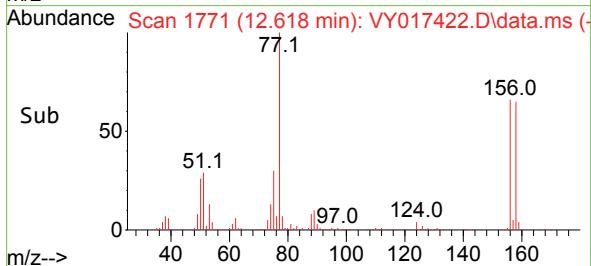
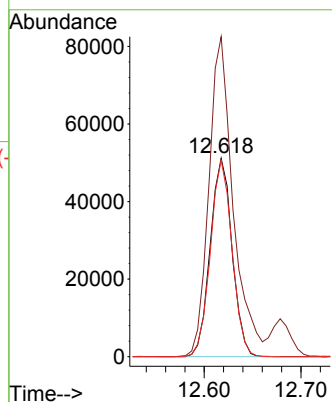
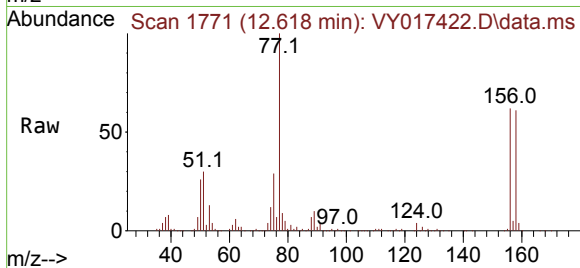
Tgt Ion:156 Resp: 80507

Ion Ratio Lower Upper

156 100

77 178.3 87.1 261.3

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 34.627 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017422.D

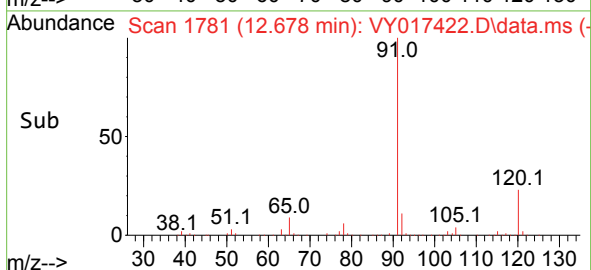
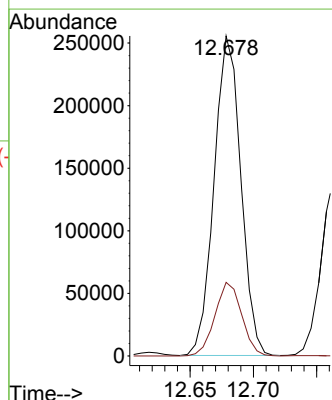
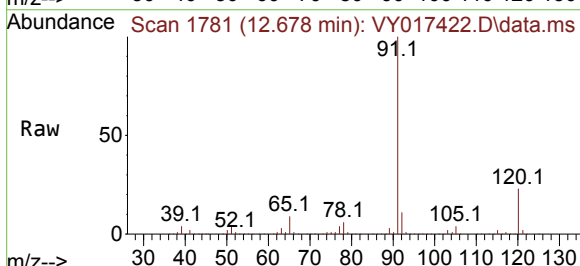
Acq: 20 Feb 2024 15:21

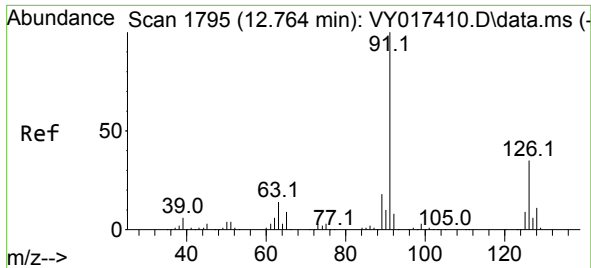
Tgt Ion: 91 Resp: 375024

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

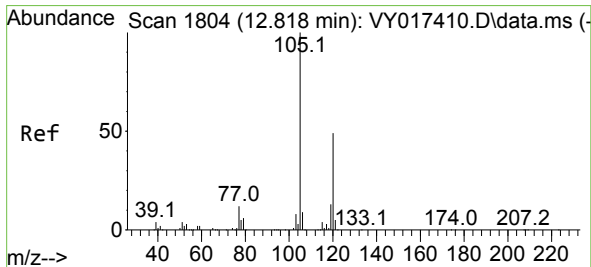
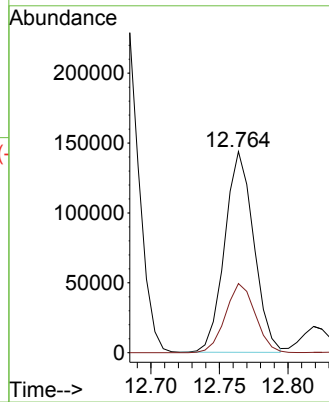
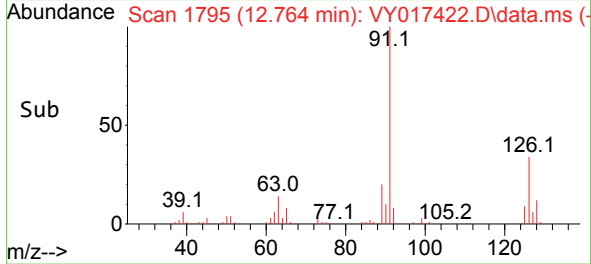
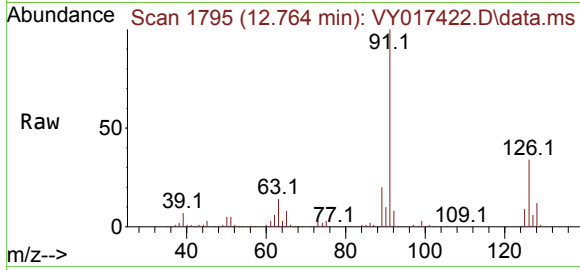




#79
2-Chlorotoluene
Concen: 35.670 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

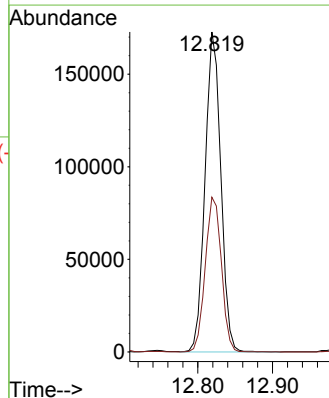
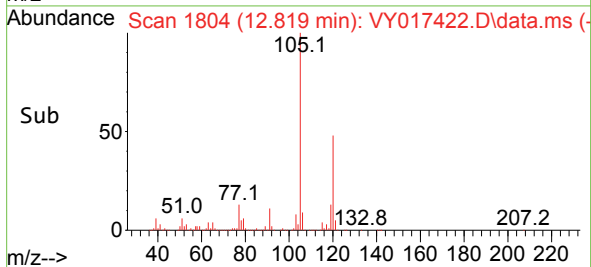
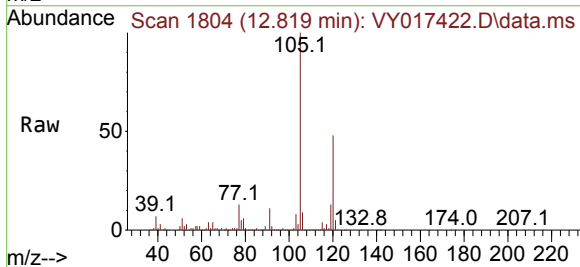
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

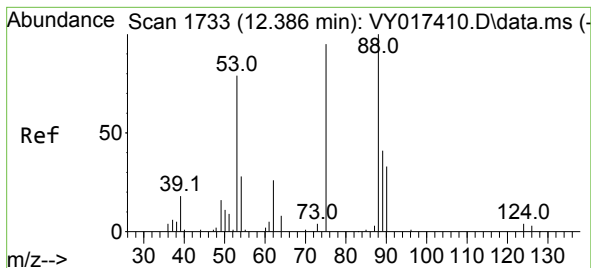
Tgt Ion: 91 Resp: 212715
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 35.351 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 105 Resp: 253179
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.2

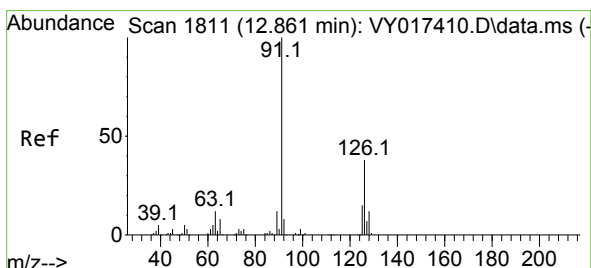
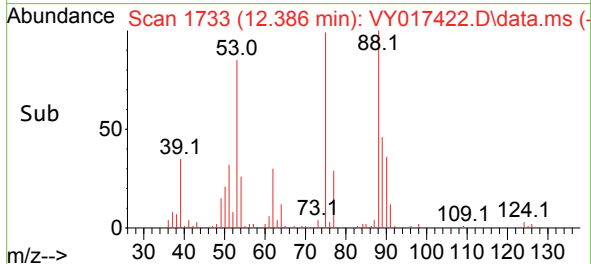
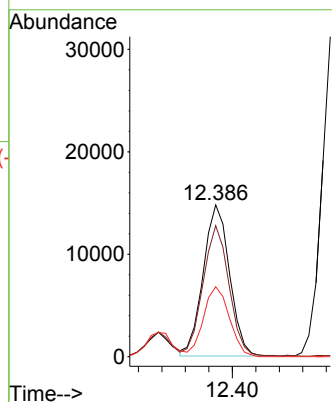
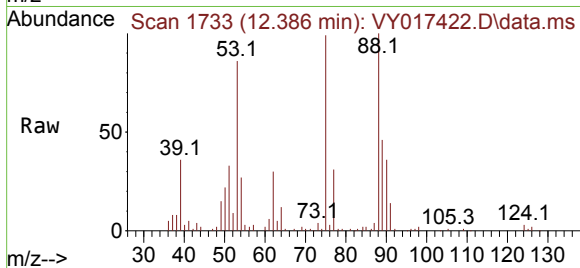




#81
trans-1,4-Dichloro-2-butene
Concen: 47.713 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

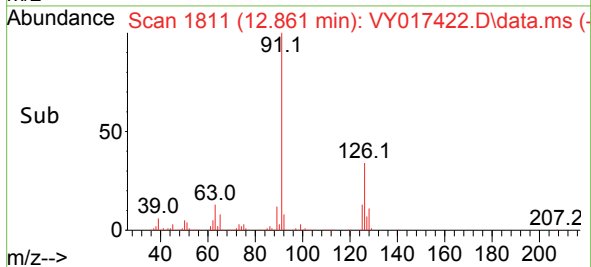
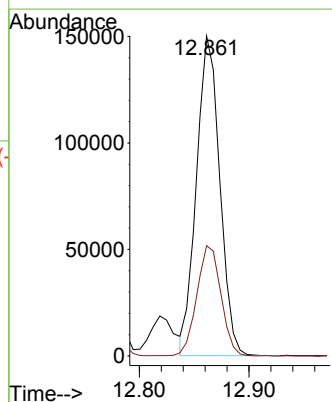
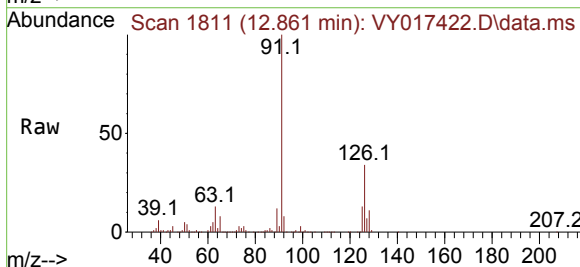
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

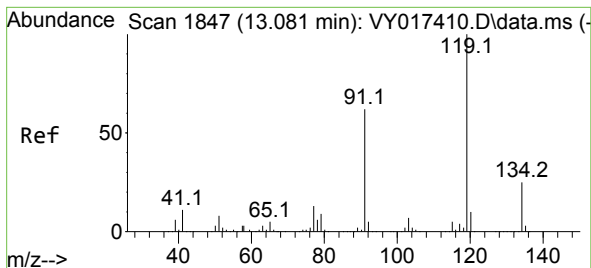
Tgt Ion:	75	Resp:	23000
Ion Ratio	Lower	Upper	
75	100		
53	85.0	66.8	100.2
89	45.2	35.8	53.6



#82
4-Chlorotoluene
Concen: 36.015 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion:	91	Resp:	221628
Ion Ratio	Lower	Upper	
91	100		
126	35.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 34.588 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

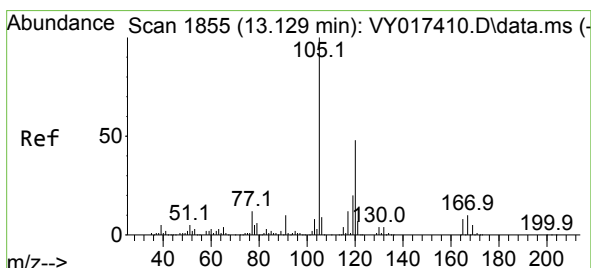
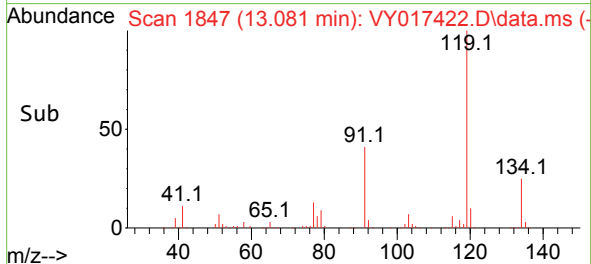
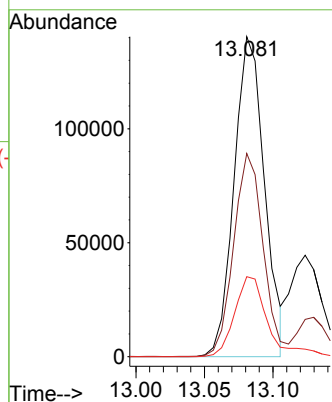
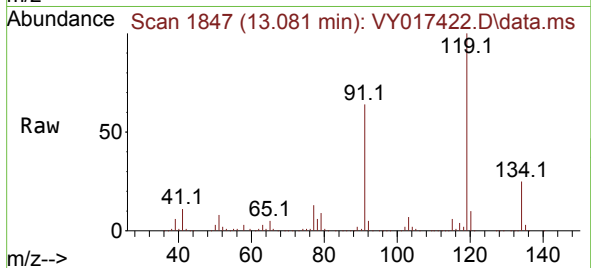
Tgt Ion:119 Resp: 216310

Ion Ratio Lower Upper

119 100

91 62.0 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 36.458 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017422.D

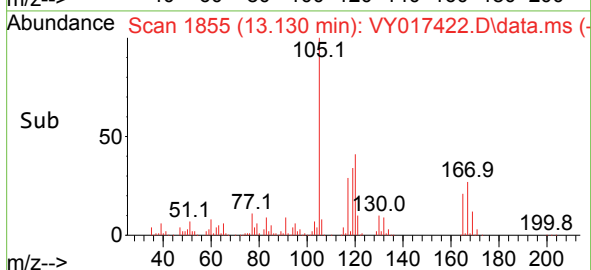
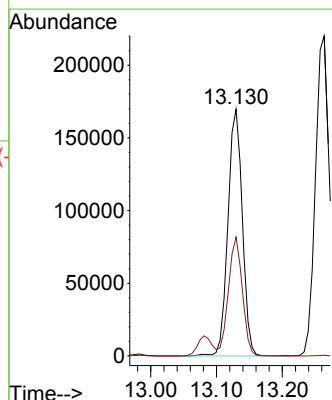
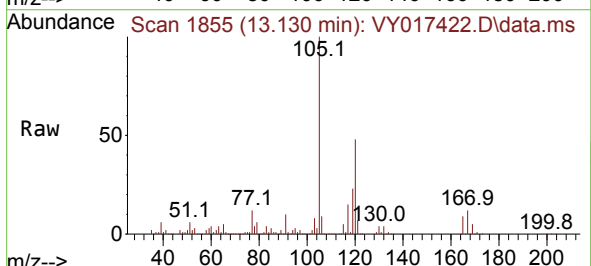
Acq: 20 Feb 2024 15:21

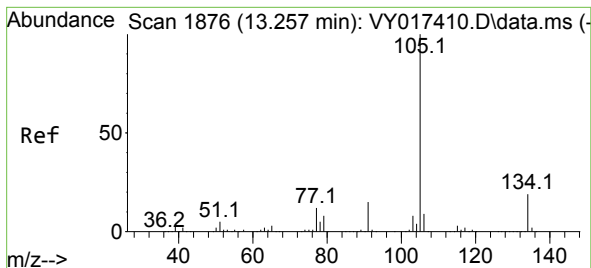
Tgt Ion:105 Resp: 258676

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 34.008 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

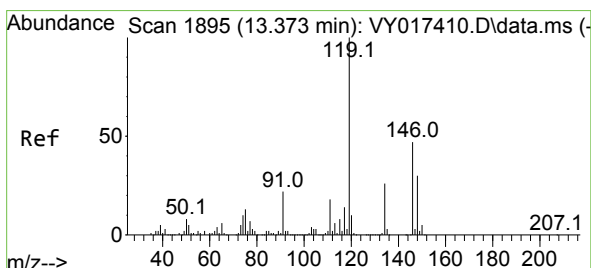
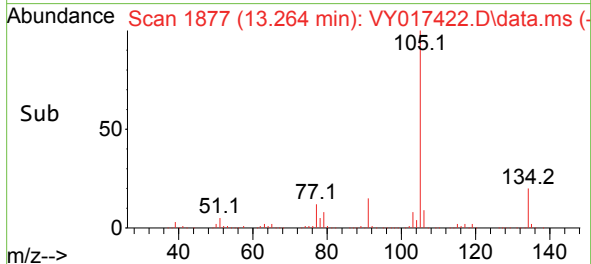
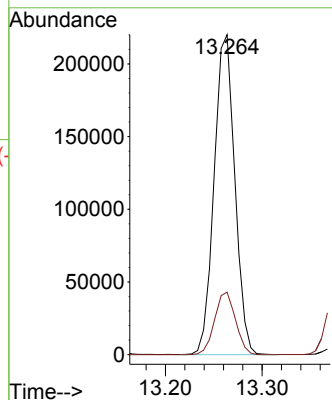
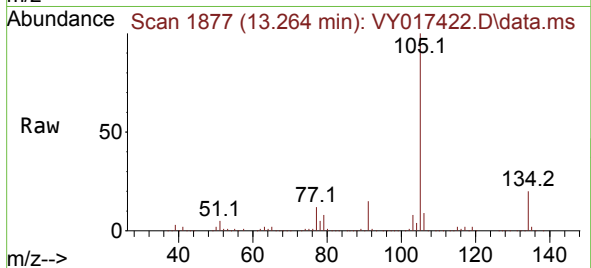
BP-VPB-191-GW-858-860MS

Tgt Ion:105 Resp: 326669

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 34.695 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

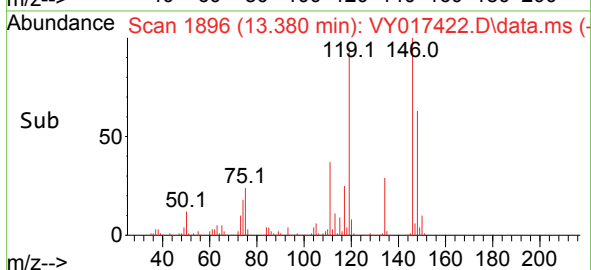
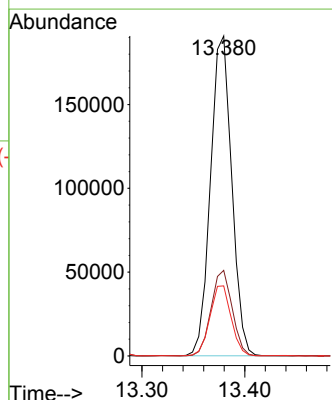
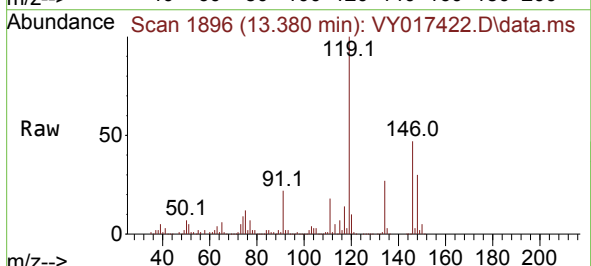
Tgt Ion:119 Resp: 274486

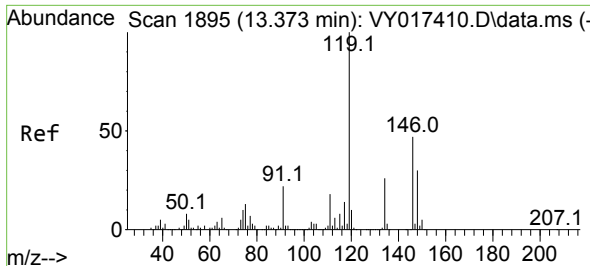
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 21.9 10.7 32.1

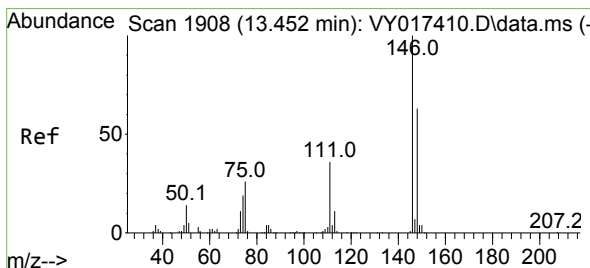
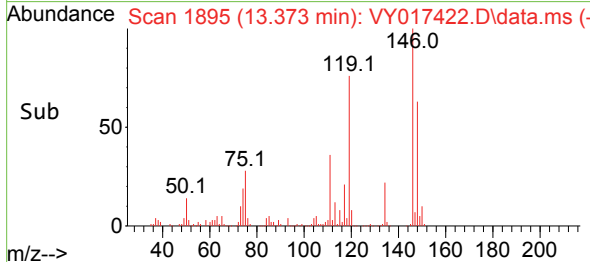
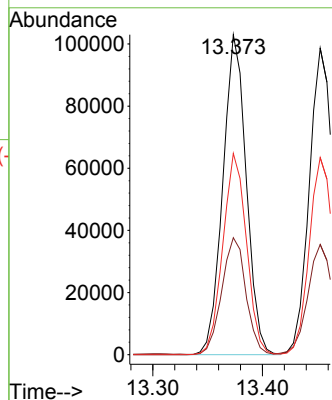
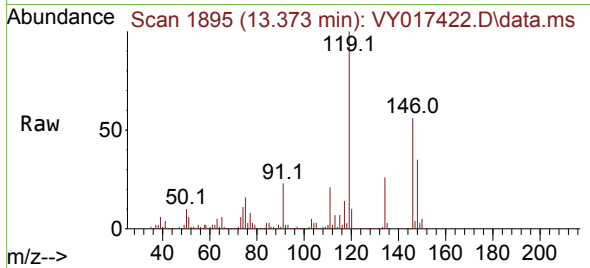




#87
 1,3-Dichlorobenzene
 Concen: 36.062 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

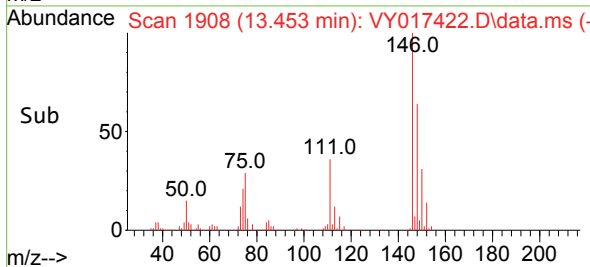
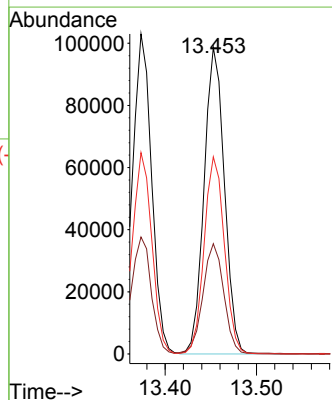
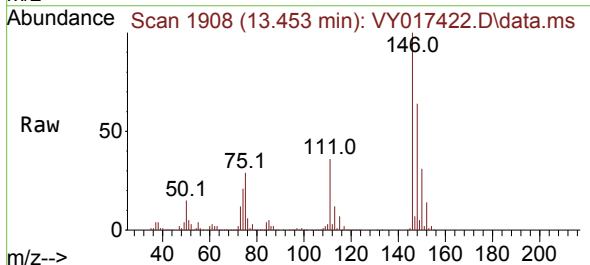
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

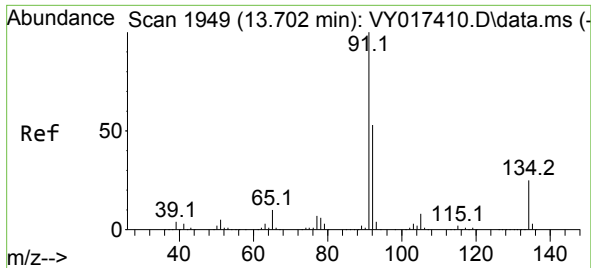
Tgt Ion:146 Resp: 152934
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.0 57.0
 148 63.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 37.150 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY017422.D
 Acq: 20 Feb 2024 15:21

Tgt Ion:146 Resp: 152123
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.4
 148 64.2 32.4 97.2

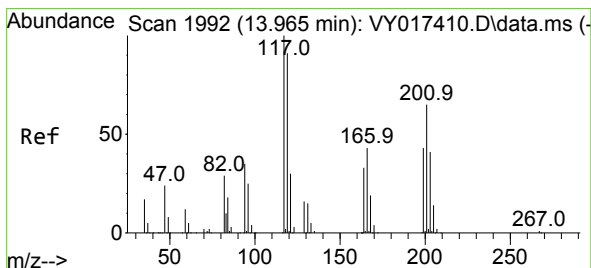
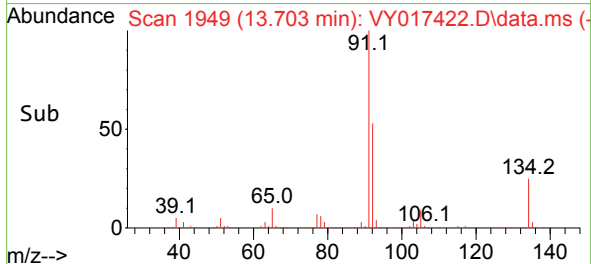
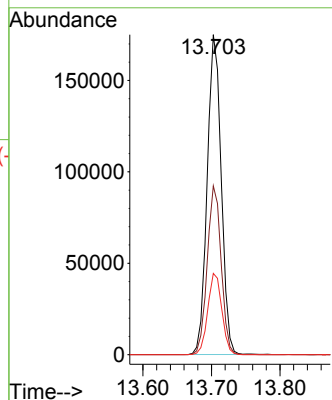
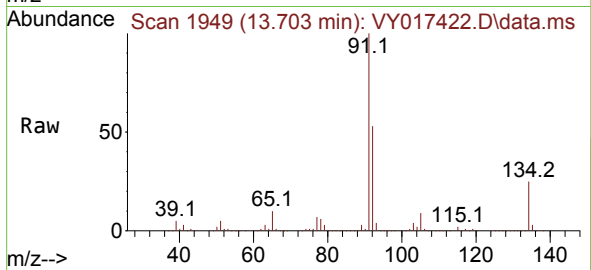




#89
n-Butylbenzene
Concen: 34.630 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

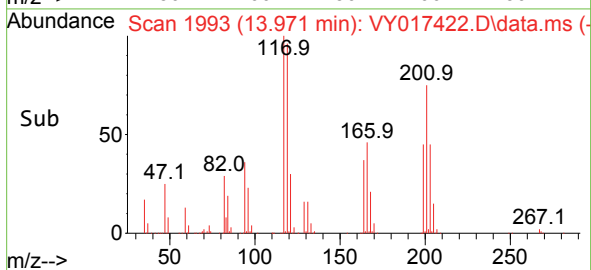
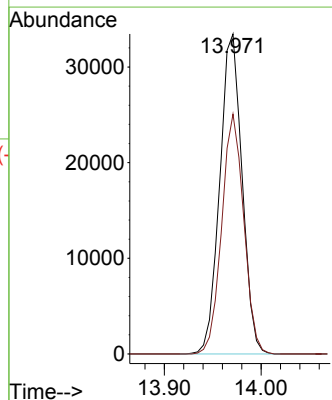
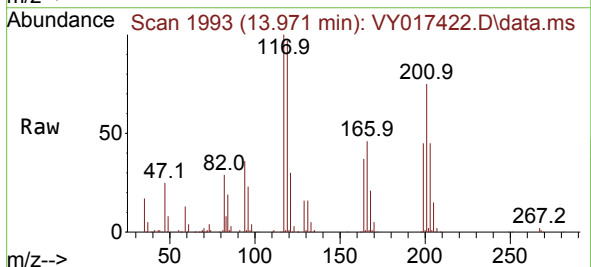
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

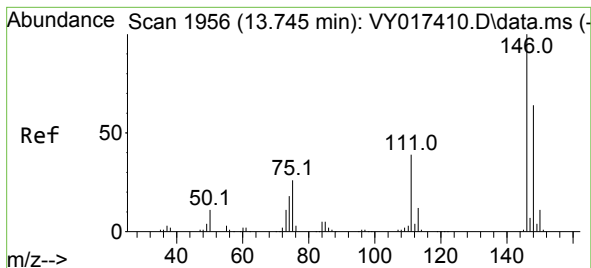
Tgt Ion: 91 Resp: 249174
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 34.505 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion: 117 Resp: 53490
Ion Ratio Lower Upper
117 100
201 73.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 38.890 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

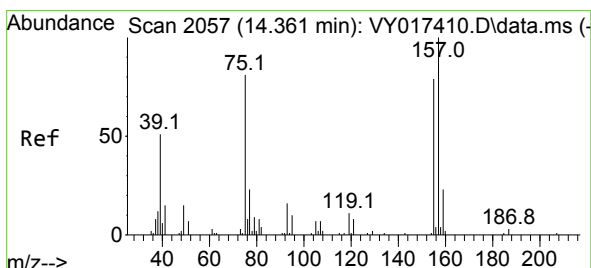
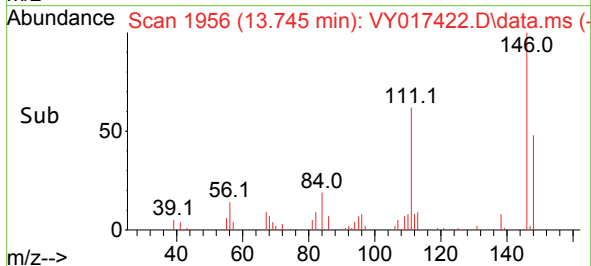
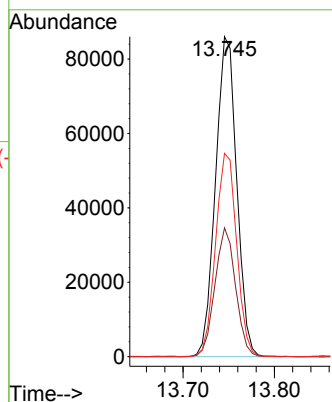
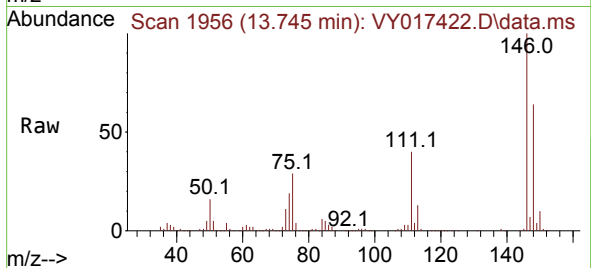
Tgt Ion:146 Resp: 138823

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.071 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

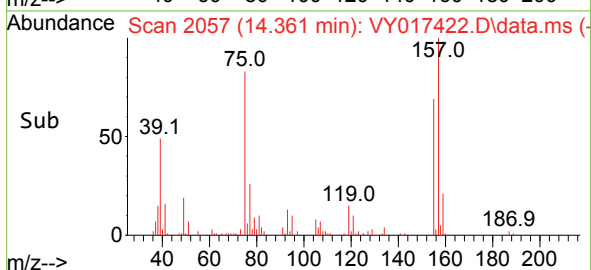
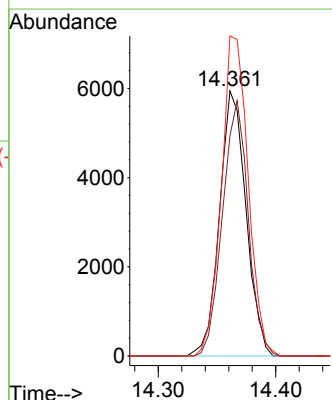
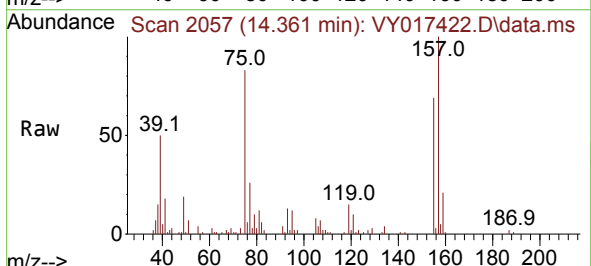
Tgt Ion: 75 Resp: 9319

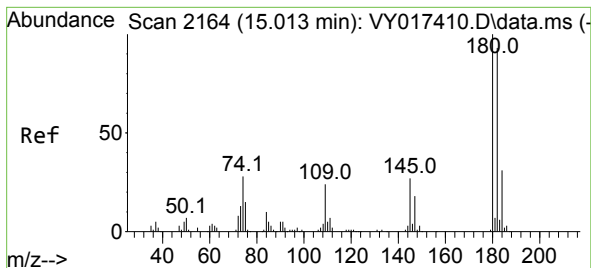
Ion Ratio Lower Upper

75 100

155 93.2 48.6 145.8

157 121.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 37.714 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860MS

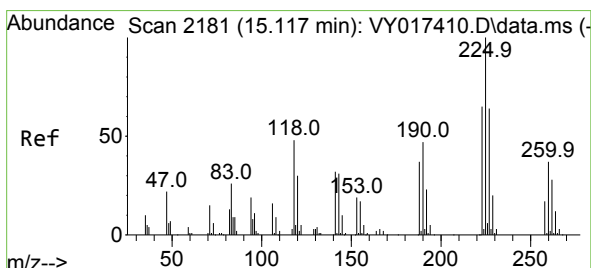
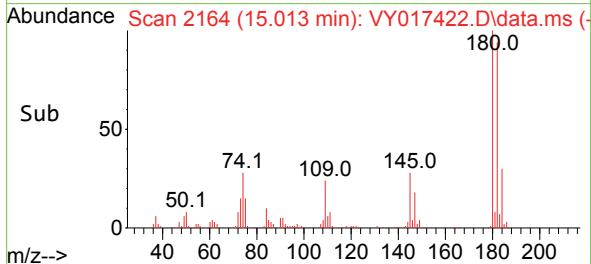
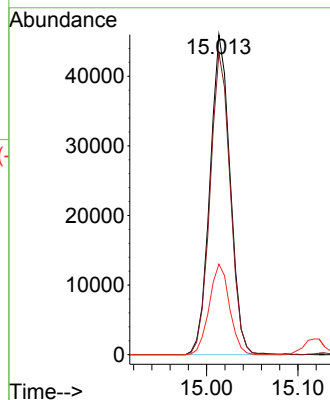
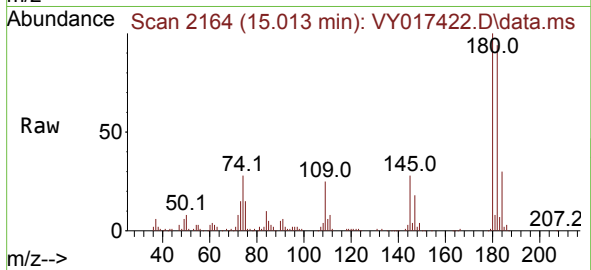
Tgt Ion:180 Resp: 70392

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 32.072 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017422.D

Acq: 20 Feb 2024 15:21

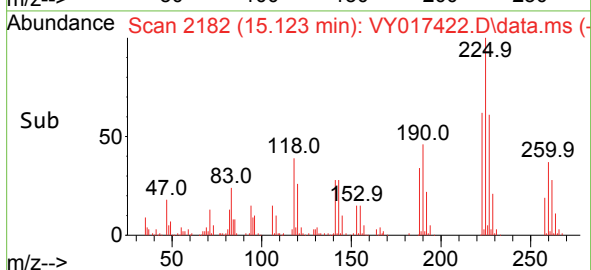
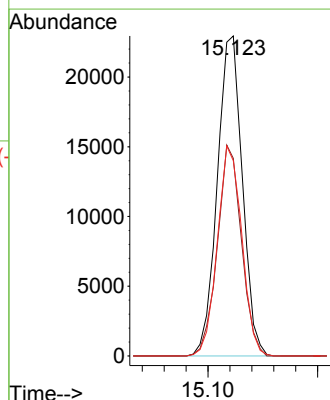
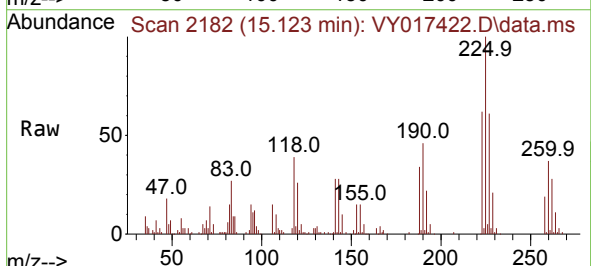
Tgt Ion:225 Resp: 36407

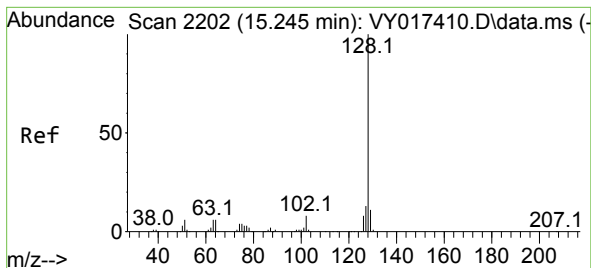
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 64.1 31.9 95.9

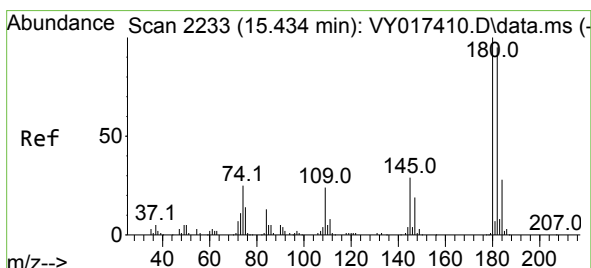
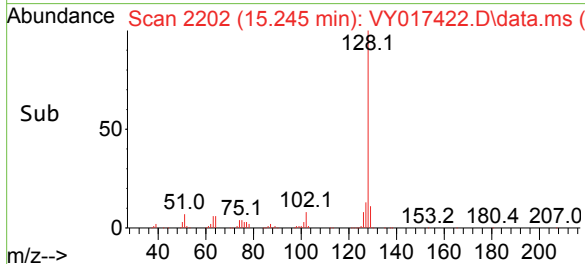
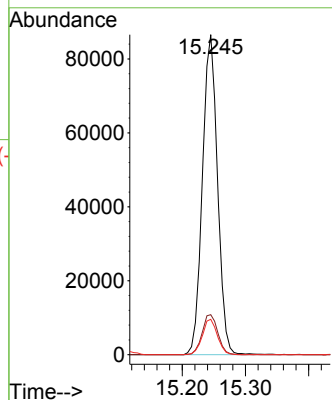
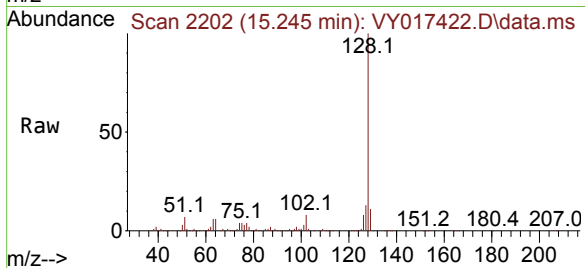




#95
Naphthalene
Concen: 42.149 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MS

Tgt Ion:128 Resp: 144039
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 39.067 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017422.D
Acq: 20 Feb 2024 15:21

Tgt Ion:180 Resp: 61301
Ion Ratio Lower Upper
180 100
182 93.9 47.6 142.9
145 30.2 15.4 46.1

