

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015502.D
 Acq On : 11 Sep 2023 21:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:23:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	82524	44.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.740%
35) Dibromofluoromethane	7.716	113	76109	45.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.179	98	264026	43.902	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.800%
62) 4-Bromofluorobenzene	12.477	95	103420	46.323	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68166	45.704	ug/l	100
3) Chloromethane	2.107	50	92619	46.759	ug/l	98
4) Vinyl Chloride	2.247	62	111854	48.516	ug/l	98
5) Bromomethane	2.638	94	91767	55.940	ug/l	100
6) Chloroethane	2.784	64	77710	51.280	ug/l	95
7) Trichlorofluoromethane	3.119	101	157247	48.218	ug/l	99
8) Diethyl Ether	3.522	74	57807	51.868	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	85904	47.526	ug/l	98
10) Methyl Iodide	4.082	142	97793	46.072	ug/l	99
11) Tert butyl alcohol	4.954	59	78456	186.363	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	83444	48.924	ug/l	94
13) Acrolein	3.723	56	75323	152.187	ug/l	100
14) Allyl chloride	4.473	41	131063	48.263	ug/l	97
15) Acrylonitrile	5.155	53	175966	250.911	ug/l	98
16) Acetone	3.942	43	142633	185.790	ug/l	91
17) Carbon Disulfide	4.186	76	222457	43.627	ug/l	98
18) Methyl Acetate	4.473	43	195521	70.314	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	295493	53.305	ug/l	97
20) Methylene Chloride	4.710	84	103489	40.543	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	98808	50.308	ug/l	96
22) Diisopropyl ether	6.113	45	309040	52.034	ug/l	92
23) Vinyl Acetate	6.058	43	736415	196.383	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	178585	52.015	ug/l	95
25) 2-Butanone	6.978	43	244747	224.772	ug/l	95
26) 2,2-Dichloropropane	6.978	77	115558	39.628	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	119008	53.412	ug/l	91
28) Bromochloromethane	7.332	49	51175	48.606	ug/l	95
29) Tetrahydrofuran	7.344	42	162804	238.094	ug/l	90
30) Chloroform	7.503	83	195358	54.128	ug/l	95
31) Cyclohexane	7.777	56	141022	43.163	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	170131	52.774	ug/l	98
36) 1,1-Dichloropropene	7.917	75	138861	47.621	ug/l	99
37) Ethyl Acetate	7.070	43	95193	42.328	ug/l #	95
38) Carbon Tetrachloride	7.893	117	150251	49.890	ug/l	98
39) Methylcyclohexane	9.179	83	158949	43.298	ug/l	93
40) Benzene	8.155	78	411640	50.598	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	149755	141.999	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	137470	50.674	ug/l	95
43) Isopropyl Acetate	8.271	43	177792	45.717	ug/l	96
44) Trichloroethene	8.935	130	119645	51.978	ug/l	100
45) 1,2-Dichloropropane	9.216	63	104416	50.913	ug/l	97
46) Dibromomethane	9.301	93	69428	50.963	ug/l	97
47) Bromodichloromethane	9.496	83	156273	53.640	ug/l	96
48) Methyl methacrylate	9.289	41	88211	49.437	ug/l	93
49) 1,4-Dioxane	9.295	88	23017	909.601	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	553814	245.014	ug/l	94
52) Toluene	10.240	92	268887	51.566	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	152103	49.126	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	163869	48.654	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	97394	53.058	ug/l	96
56) Ethyl methacrylate	10.508	69	138946	51.080	ug/l	90
57) 1,3-Dichloropropane	10.789	76	162822	51.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	230450	237.351	ug/l	93
59) 2-Hexanone	10.831	43	401711	236.852	ug/l	91
60) Dibromochloromethane	10.984	129	117047	54.479	ug/l	99
61) 1,2-Dibromoethane	11.087	107	96390	51.823	ug/l	99
64) Tetrachloroethene	10.715	164	139688	57.950	ug/l	98
65) Chlorobenzene	11.514	112	293846	51.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	112758	53.833	ug/l	99
67) Ethyl Benzene	11.593	91	517322	50.343	ug/l	99
68) m/p-Xylenes	11.697	106	403732	101.361	ug/l	95
69) o-Xylene	12.026	106	196130	51.523	ug/l	97
70) Styrene	12.038	104	339763	53.083	ug/l	97
71) Bromoform	12.203	173	80383	55.014	ug/l #	99
73) Isopropylbenzene	12.325	105	513096	49.737	ug/l	100
74) N-amyl acetate	12.142	43	142666	41.163	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	120907	49.096	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	156757	86.069	ug/l #	100
77) Bromobenzene	12.605	156	126471	51.761	ug/l	99
78) n-propylbenzene	12.666	91	607574	48.673	ug/l	99
79) 2-Chlorotoluene	12.752	91	353505	50.490	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	427701	49.567	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	33546	40.630	ug/l	99
82) 4-Chlorotoluene	12.855	91	364216	50.053	ug/l	100
83) tert-Butylbenzene	13.075	119	370363	49.004	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	429786	50.165	ug/l	99
85) sec-Butylbenzene	13.251	105	539158	47.829	ug/l	99
86) p-Isopropyltoluene	13.367	119	454876	48.146	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	245407	50.876	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	246305	50.514	ug/l	99
89) n-Butylbenzene	13.697	91	411327	46.256	ug/l	96
90) Hexachloroethane	13.959	117	85232	50.441	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	227216	51.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23850	48.957	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	136308	49.307	ug/l	99
94) Hexachlorobutadiene	15.111	225	67196	44.576	ug/l	97
95) Naphthalene	15.233	128	348062	50.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	124109	49.218	ug/l	99

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QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

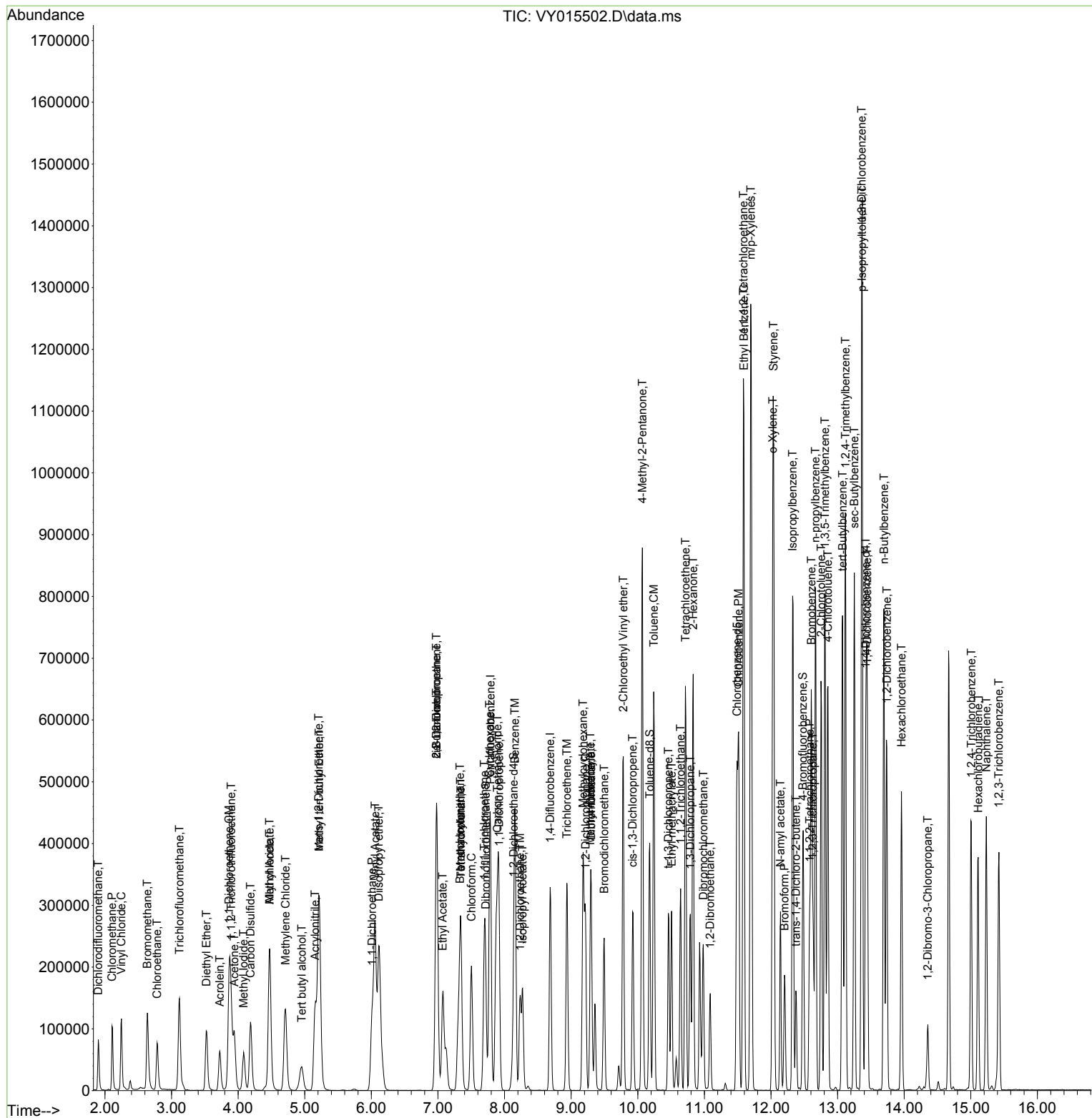
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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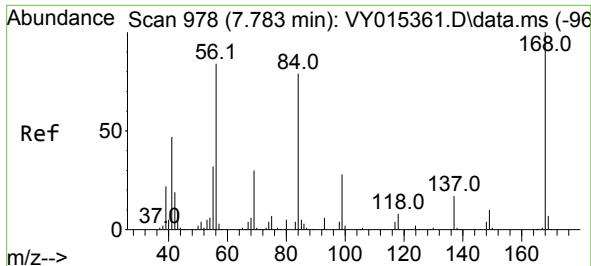
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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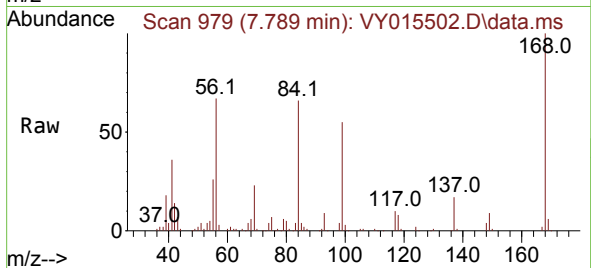
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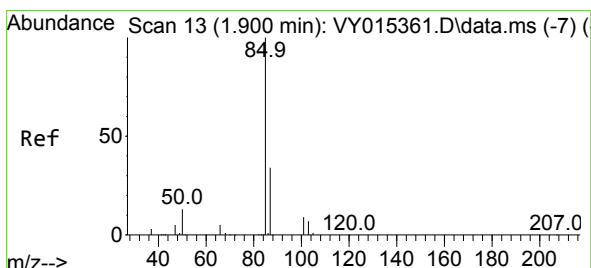
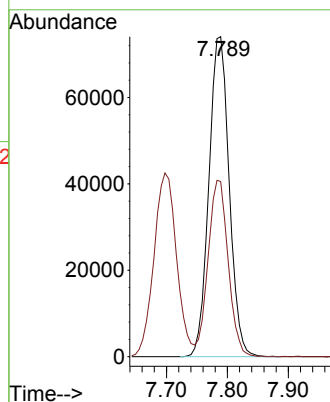
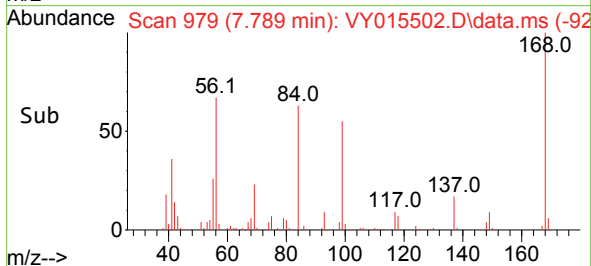


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015502.D
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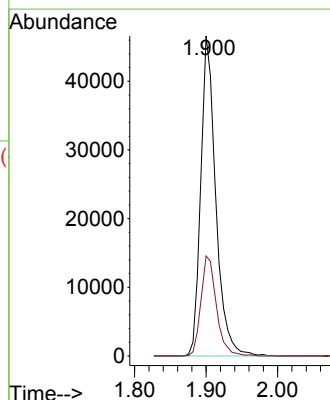
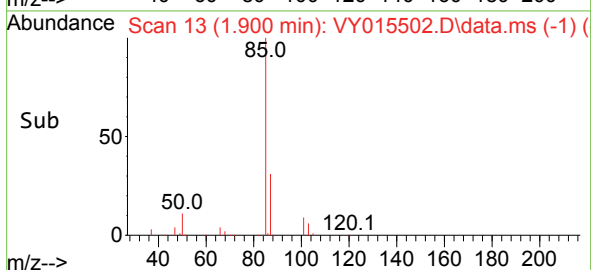
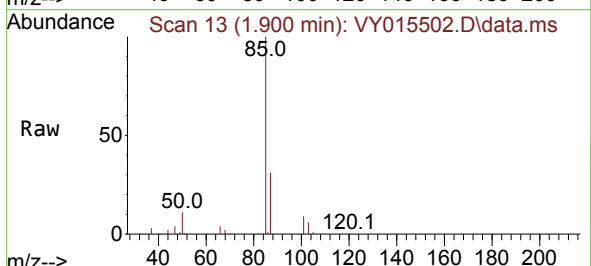


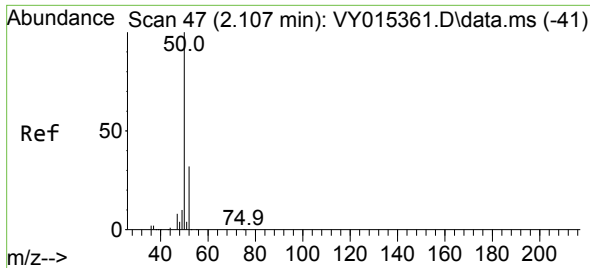
Tgt Ion:168 Resp: 171578
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 45.704 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 85 Resp: 68166
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8

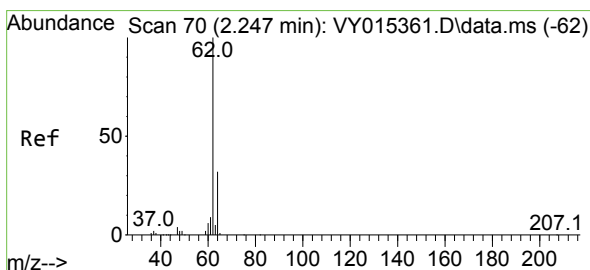
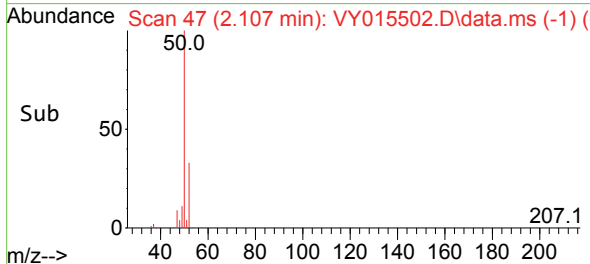
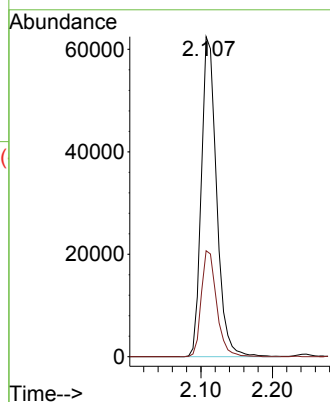
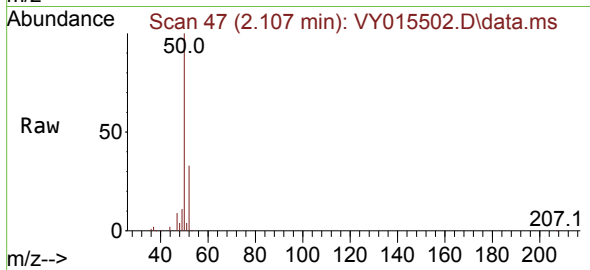




#3
Chloromethane
Concen: 46.759 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

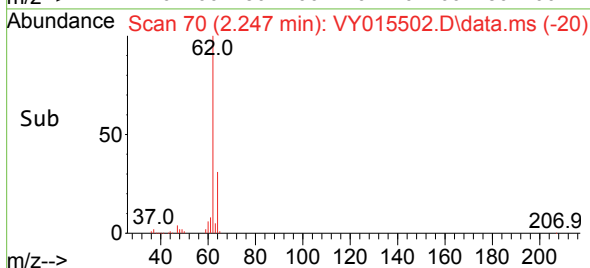
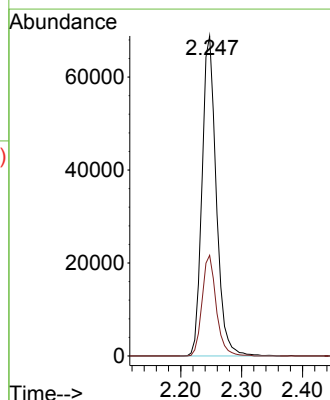
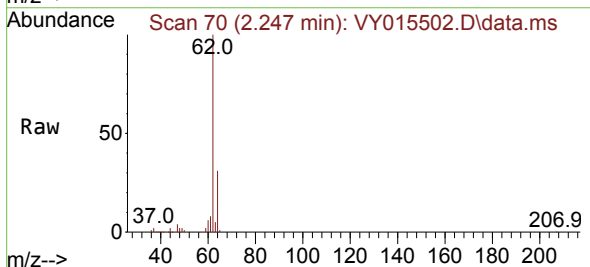
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ClientSampleId :

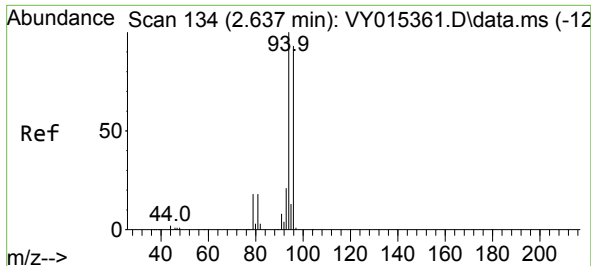
Tgt Ion: 50 Resp: 92619
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 48.516 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 62 Resp: 111854
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

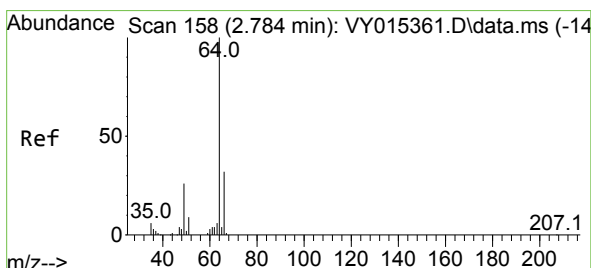
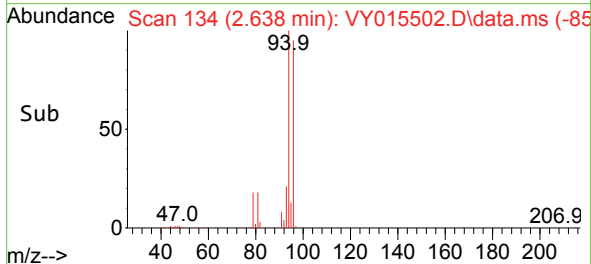
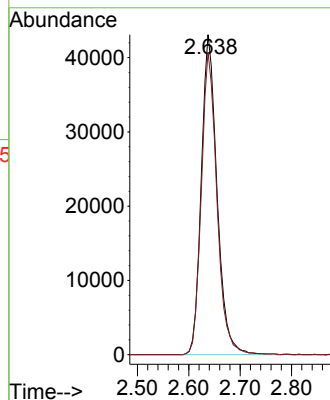
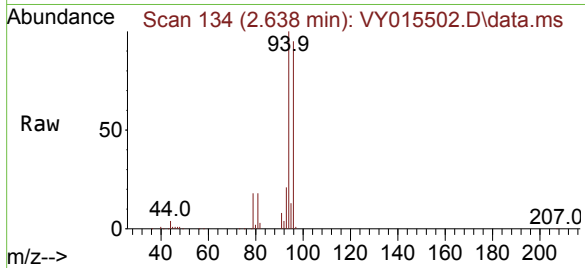




#5
Bromomethane
Concen: 55.940 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015502.D
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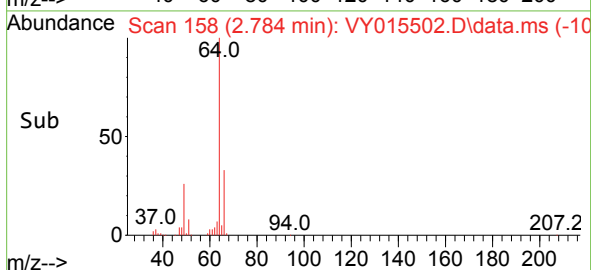
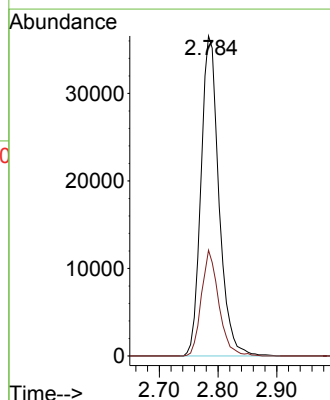
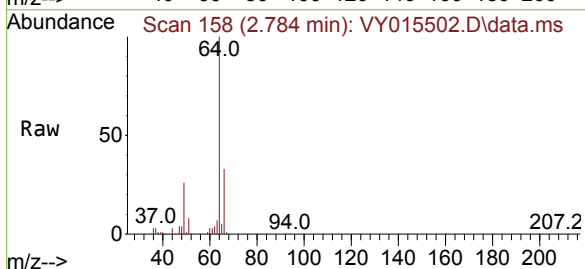
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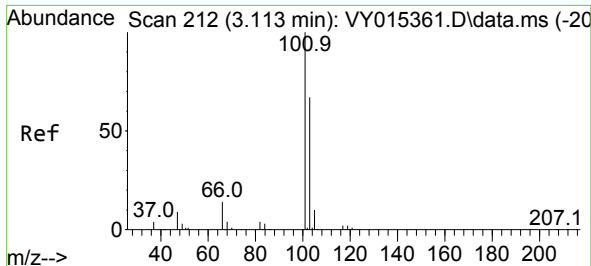
Tgt Ion: 94 Resp: 91767
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6



#6
Chloroethane
Concen: 51.280 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 64 Resp: 77710
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6

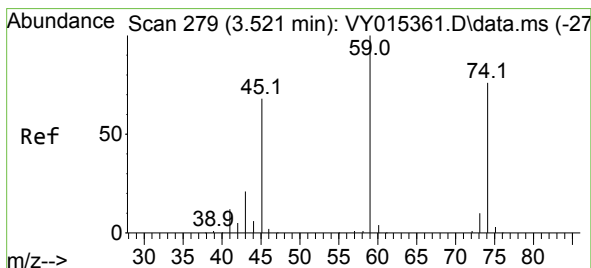
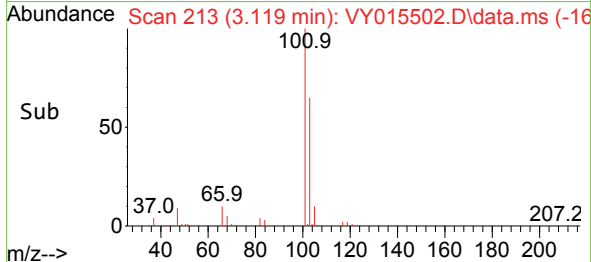
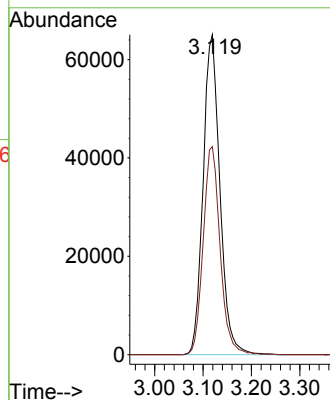
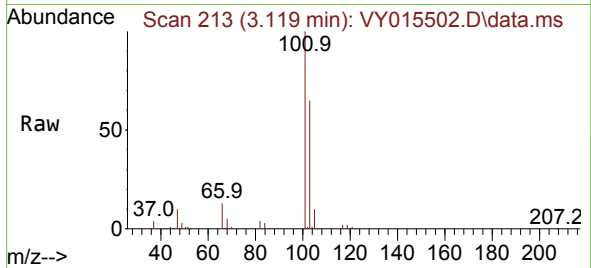




#7
 Trichlorofluoromethane
 Concen: 48.218 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

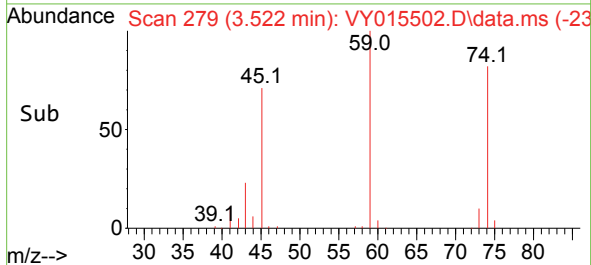
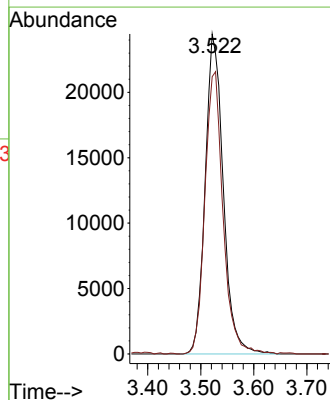
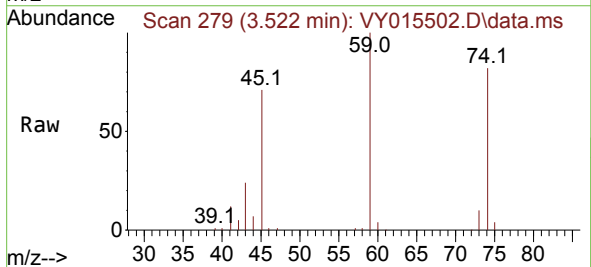
Instrument :
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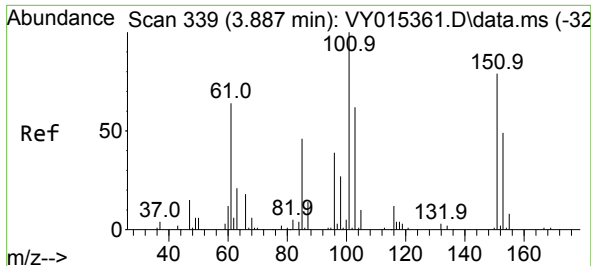
Tgt Ion:101 Resp: 157247
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.868 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015502.D
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Tgt Ion: 74 Resp: 57807
 Ion Ratio Lower Upper
 74 100
 45 88.9 51.5 154.5

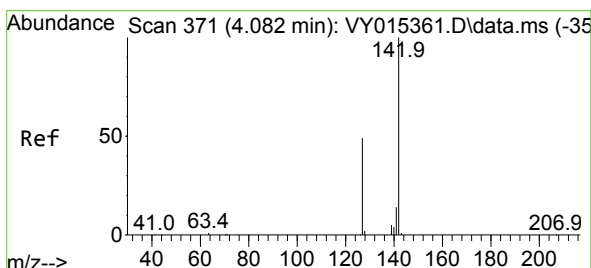
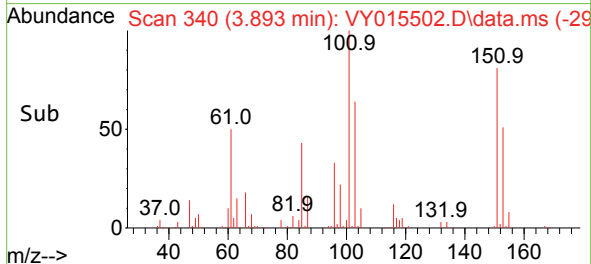
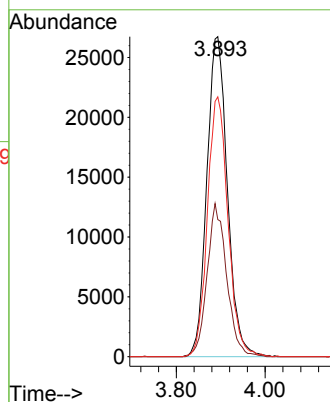
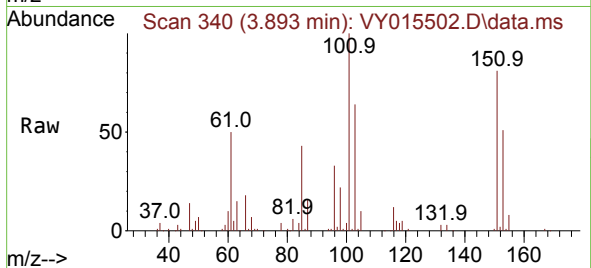




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.526 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

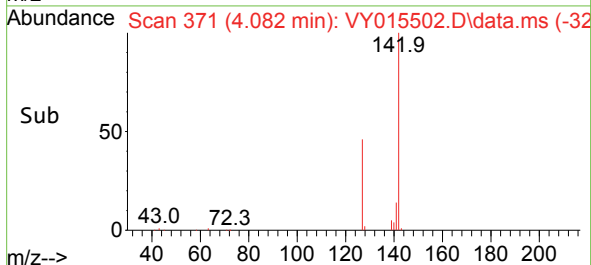
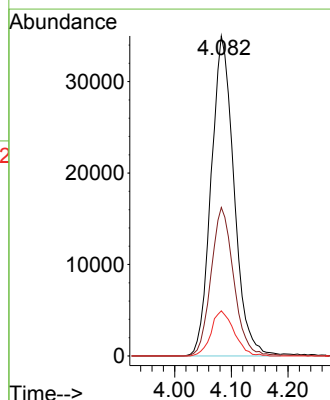
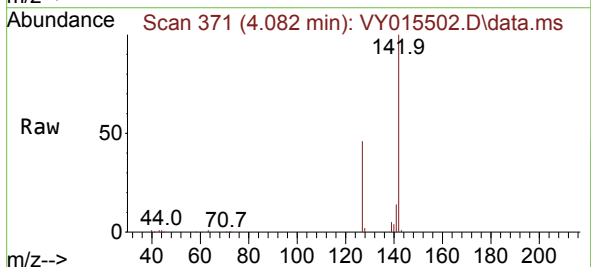
Instrument :
MSVOA_Y
ClientSampleId :

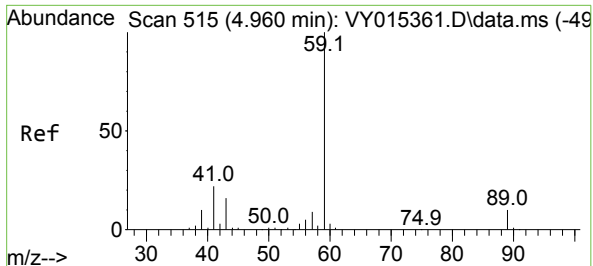
Tgt Ion:101 Resp: 85904
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 81.5 67.0 100.6



#10
Methyl Iodide
Concen: 46.072 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion:142 Resp: 97793
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 186.363 ug/l

RT: 4.954 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

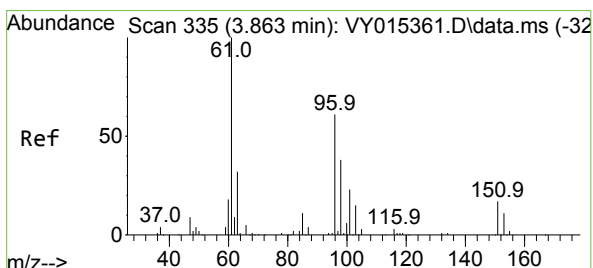
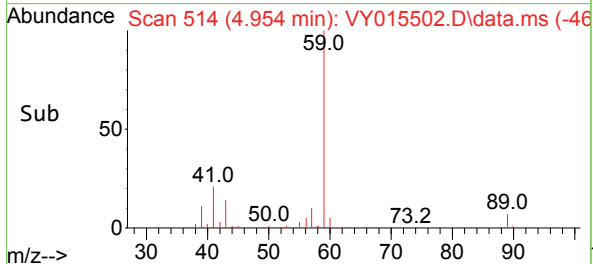
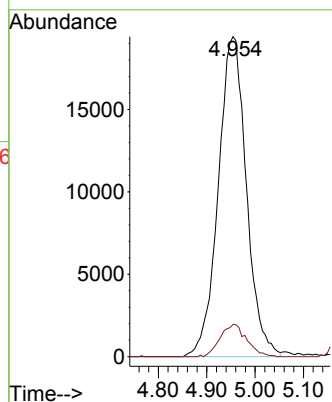
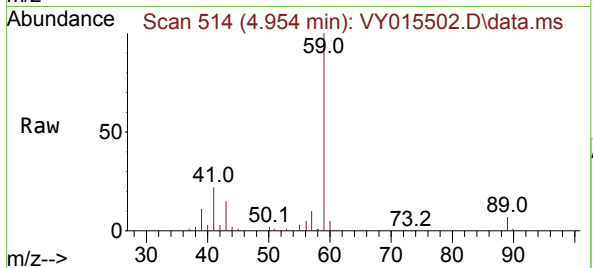
ClientSampleId :

Tgt Ion: 59 Resp: 78456

Ion Ratio Lower Upper

59 100

57 9.6 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.924 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

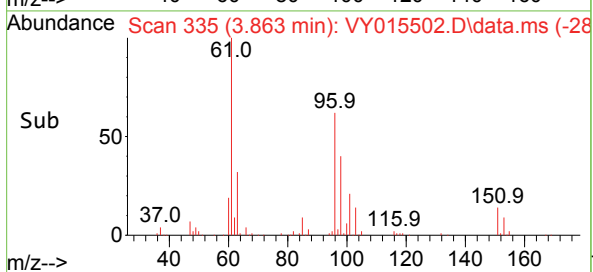
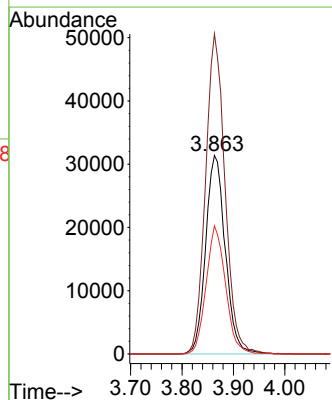
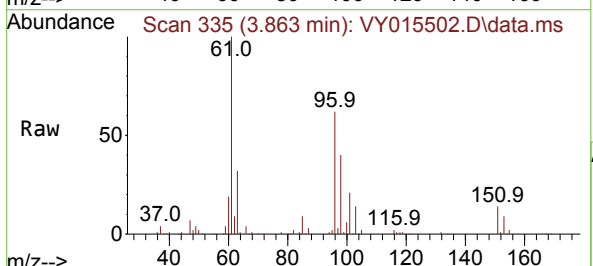
Tgt Ion: 96 Resp: 83444

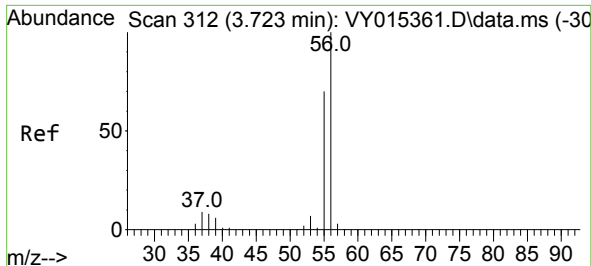
Ion Ratio Lower Upper

96 100

61 161.2 136.4 204.6

98 64.6 49.4 74.2

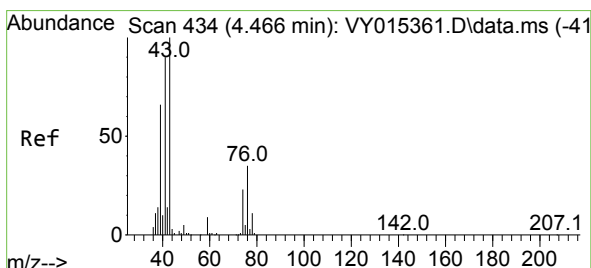
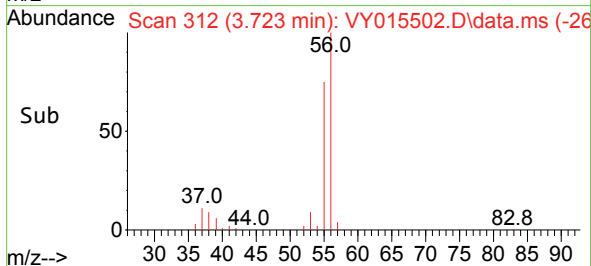
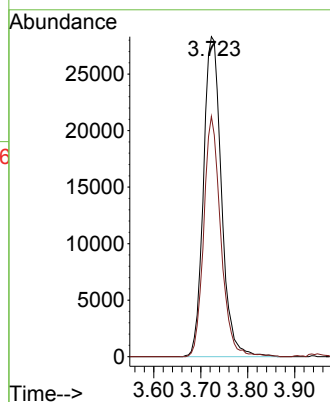
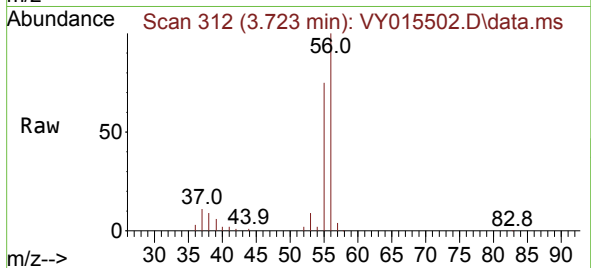




#13
Acrolein
Concen: 152.187 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

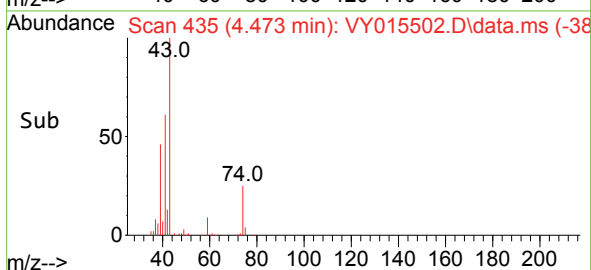
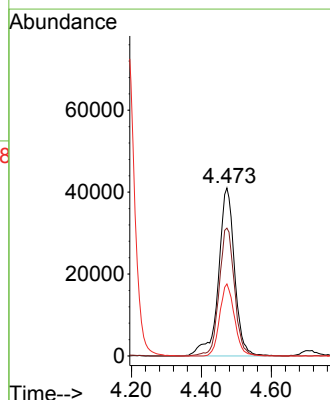
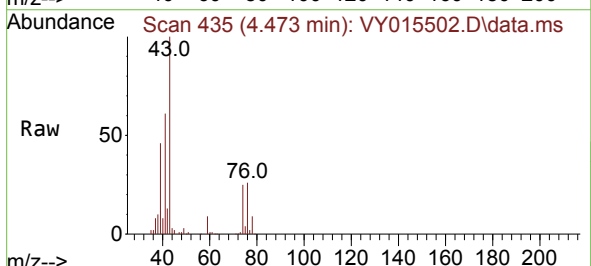
Instrument :
MSVOA_Y
ClientSampleId :

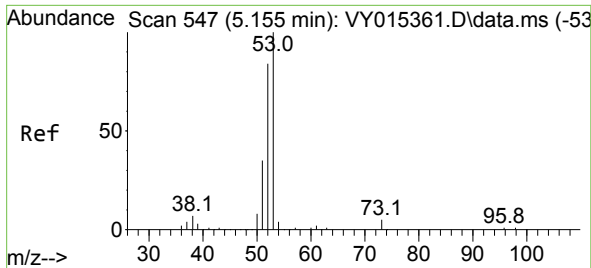
Tgt Ion: 56 Resp: 75323
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 48.263 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 41 Resp: 131063
Ion Ratio Lower Upper
41 100
39 73.0 58.0 87.0
76 39.3 27.4 41.2

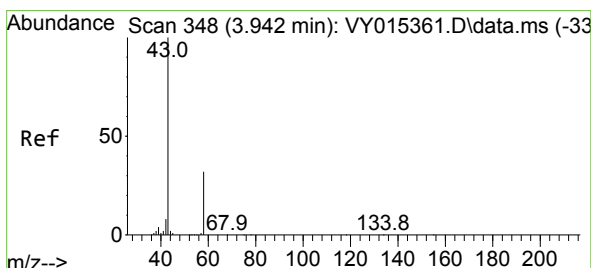
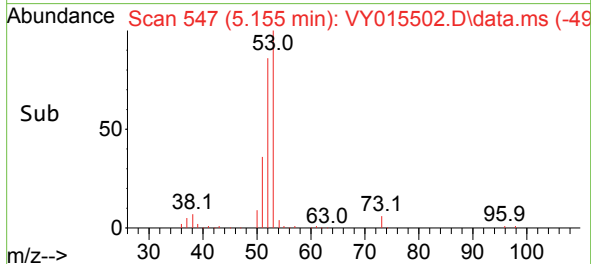
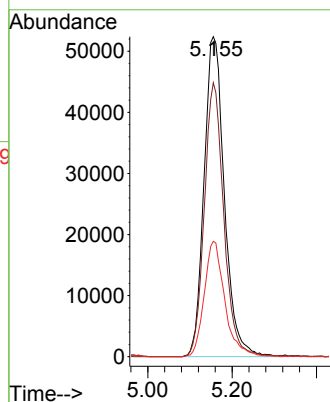
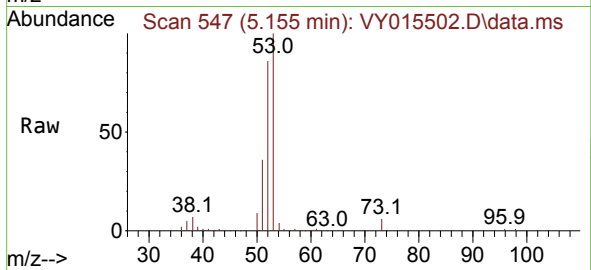




#15
Acrylonitrile
Concen: 250.911 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

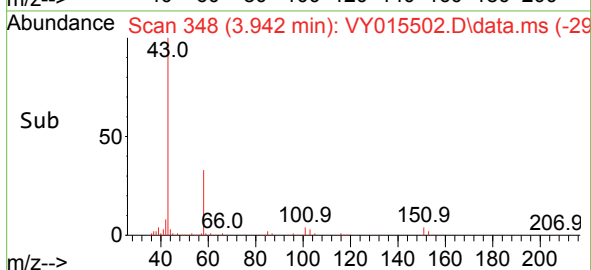
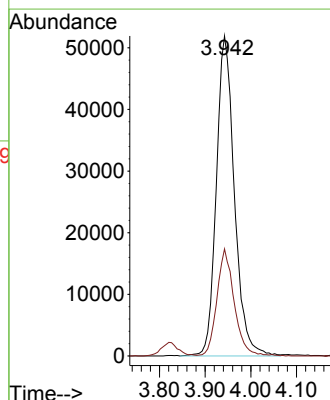
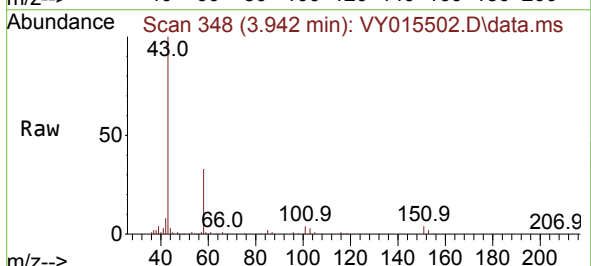
Instrument :
MSVOA_Y
ClientSampleId :

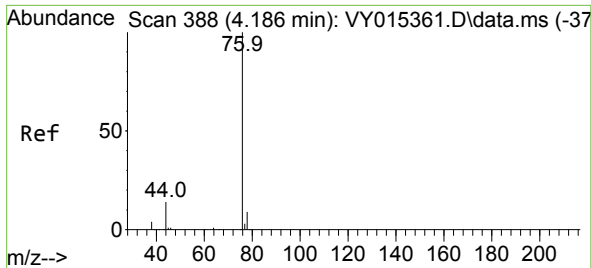
Tgt Ion: 53 Resp: 175966
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 185.790 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 43 Resp: 142633
Ion Ratio Lower Upper
43 100
58 33.3 22.7 34.1

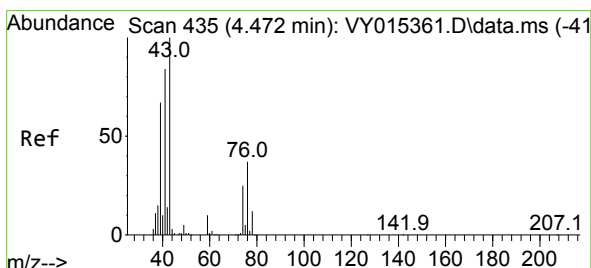
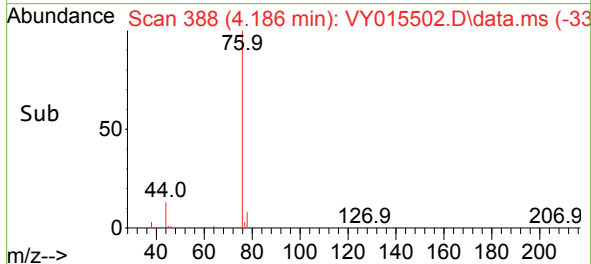
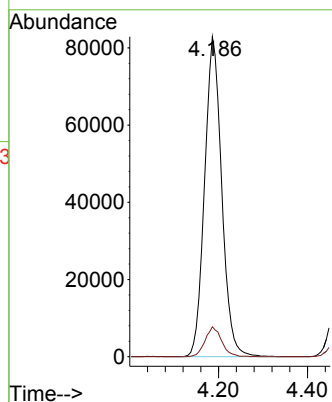
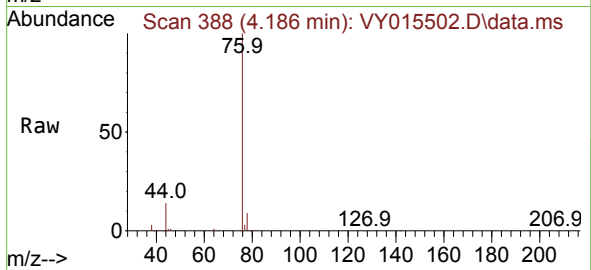




#17
Carbon Disulfide
Concen: 43.627 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

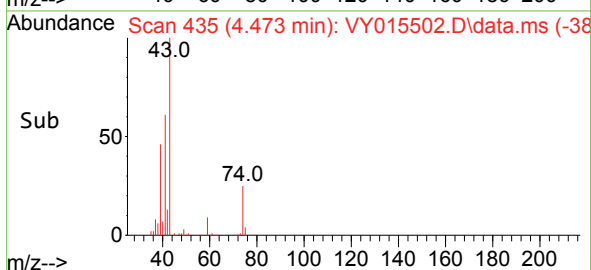
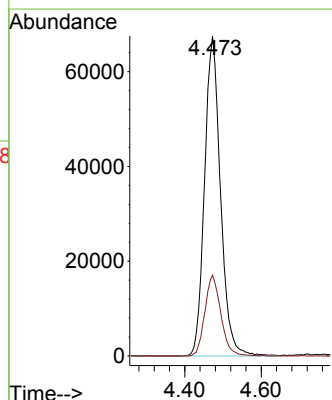
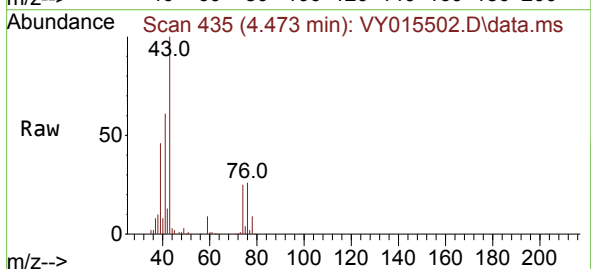
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 222457
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 70.314 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 43 Resp: 195521
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 53.305 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

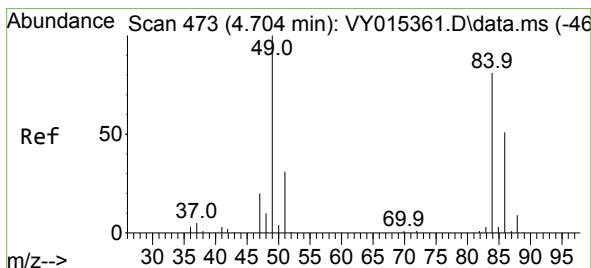
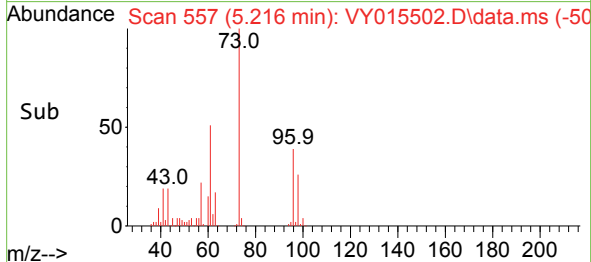
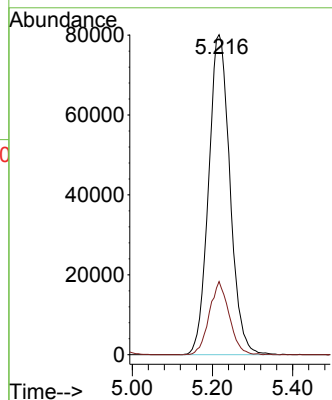
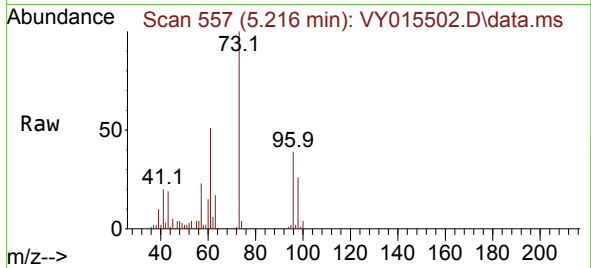
ClientSampleId :

Tgt Ion: 73 Resp: 295493

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



#20

Methylene Chloride

Concen: 40.543 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Tgt Ion: 84 Resp: 103489

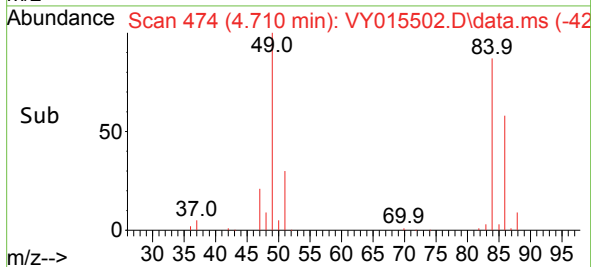
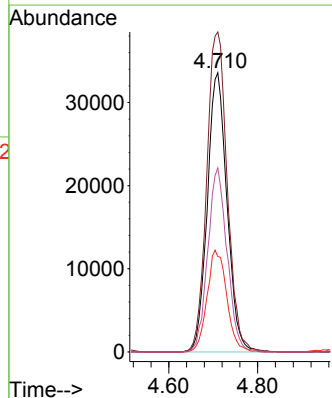
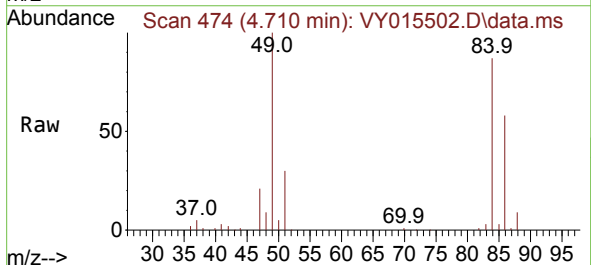
Ion Ratio Lower Upper

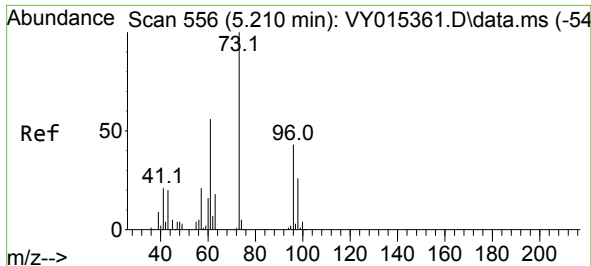
84 100

49 114.6 106.9 160.3

51 34.2 33.2 49.8

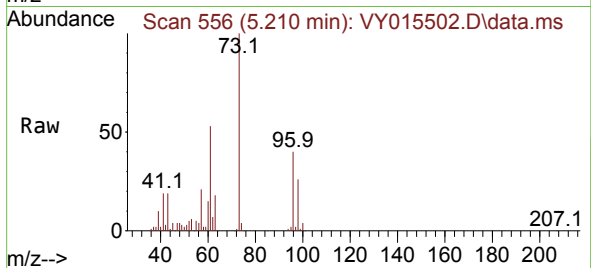
86 65.9 51.0 76.6



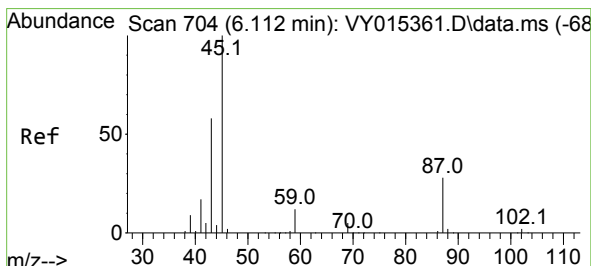
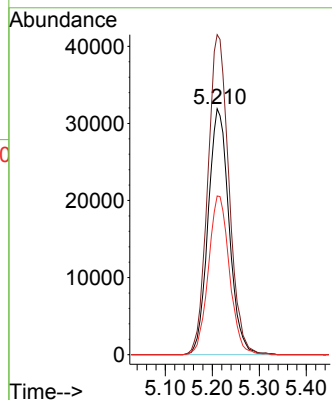
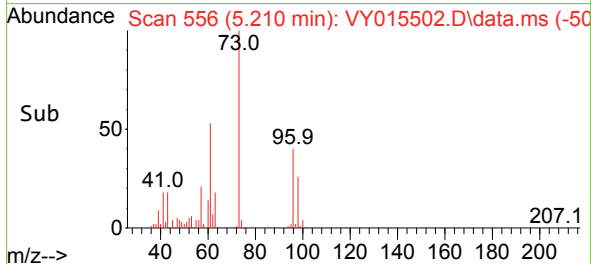


#21
trans-1,2-Dichloroethene
Concen: 50.308 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Instrument :
MSVOA_Y
ClientSampleId :

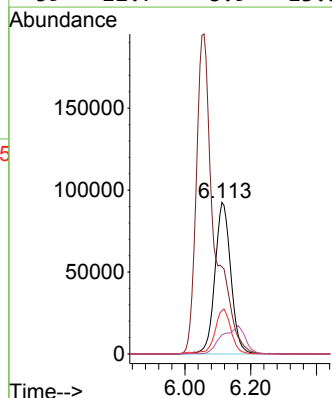
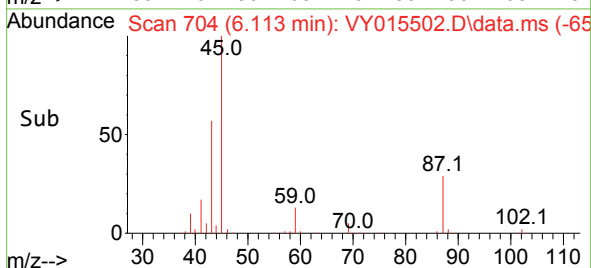
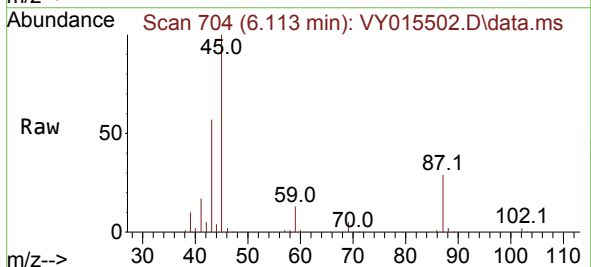


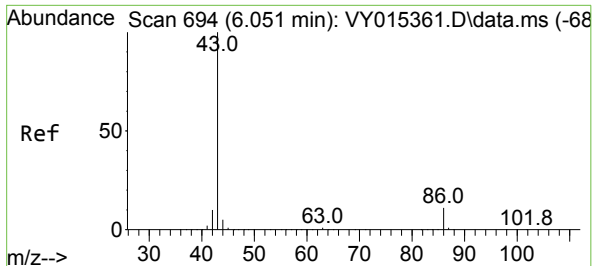
Tgt Ion: 96 Resp: 98808
Ion Ratio Lower Upper
96 100
61 130.1 110.2 165.4
98 64.5 51.8 77.6



#22
Diisopropyl ether
Concen: 52.034 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 45 Resp: 309040
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 28.5 21.0 31.6
59 12.7 8.9 13.3

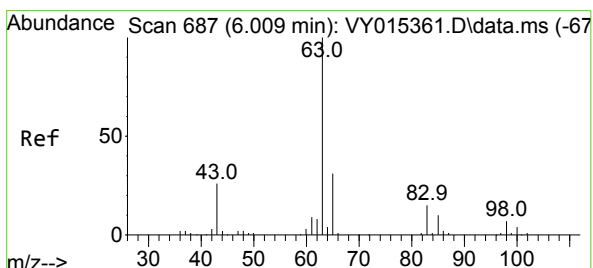
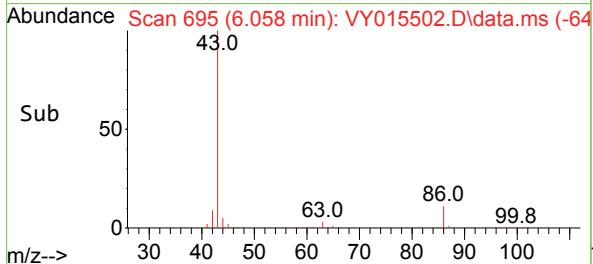
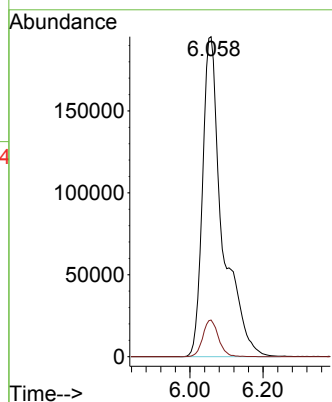
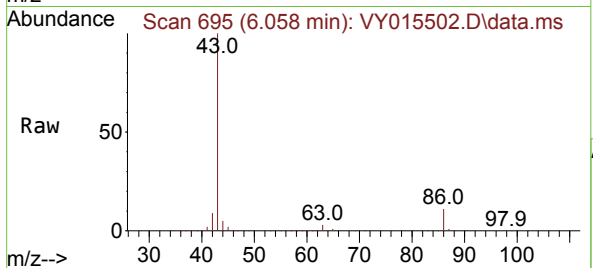




#23
 Vinyl Acetate
 Concen: 196.383 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

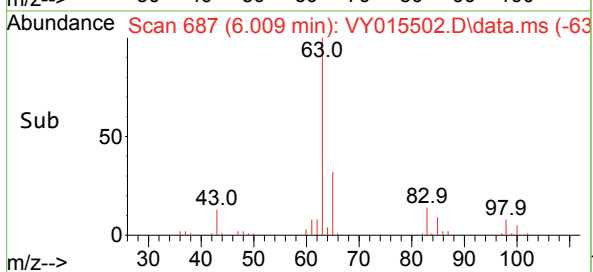
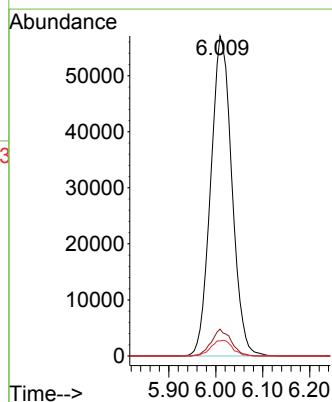
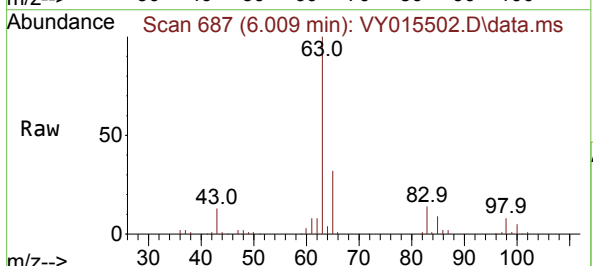
Instrument :
 MSVOA_Y
 ClientSampleId :

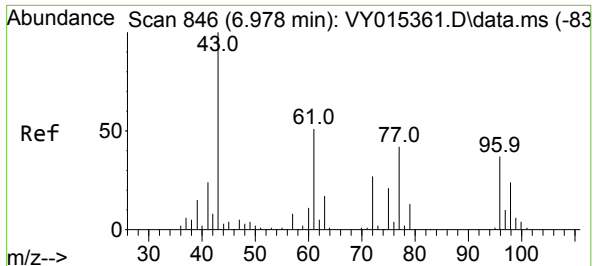
Tgt Ion: 43 Resp: 736415
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.015 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

Tgt Ion: 63 Resp: 178585
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 224.772 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

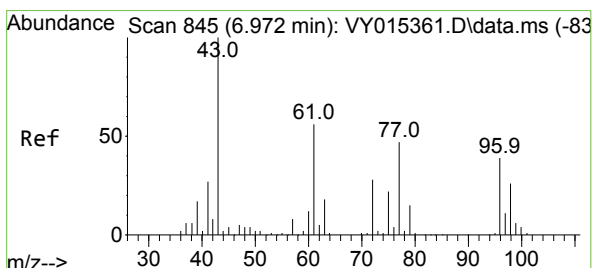
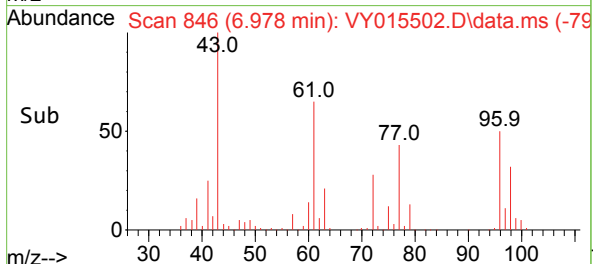
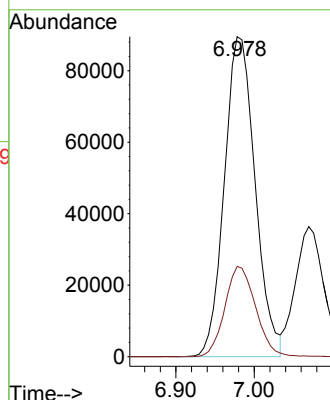
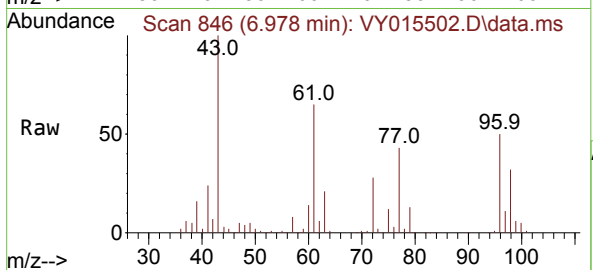
ClientSampleId :

Tgt Ion: 43 Resp: 244747

Ion Ratio Lower Upper

43 100

72 28.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 39.628 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015502.D

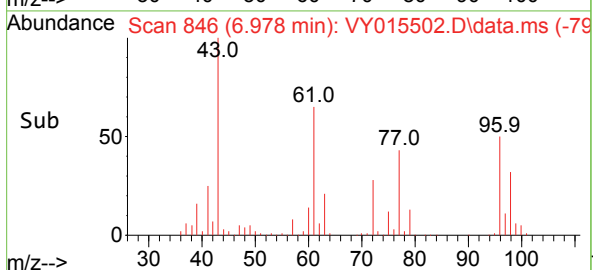
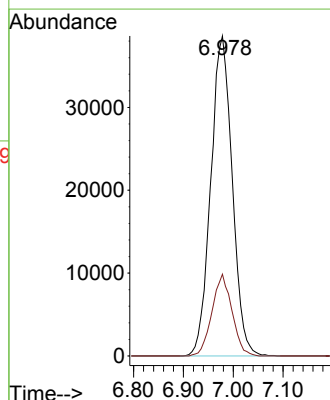
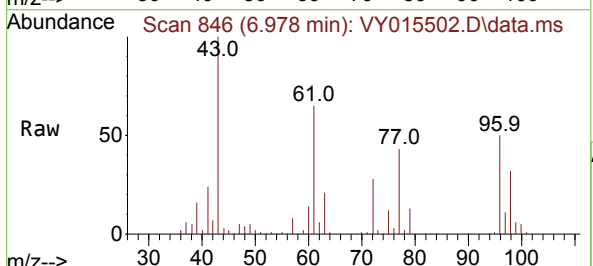
Acq: 11 Sep 2023 21:12

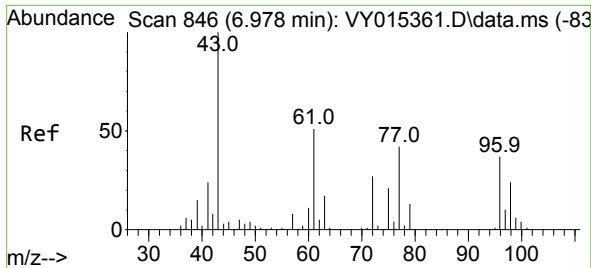
Tgt Ion: 77 Resp: 115558

Ion Ratio Lower Upper

77 100

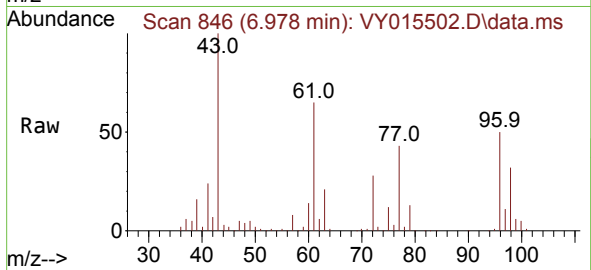
97 23.8 10.9 32.9





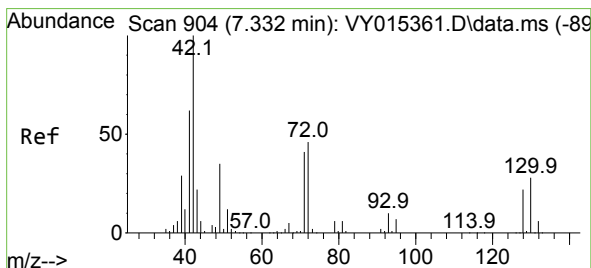
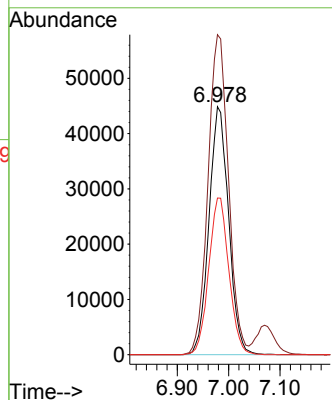
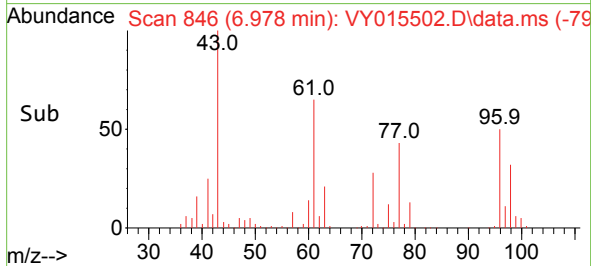
#27
 cis-1,2-Dichloroethene
 Concen: 53.412 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

Instrument :
 MSVOA_Y
 ClientSampleId :

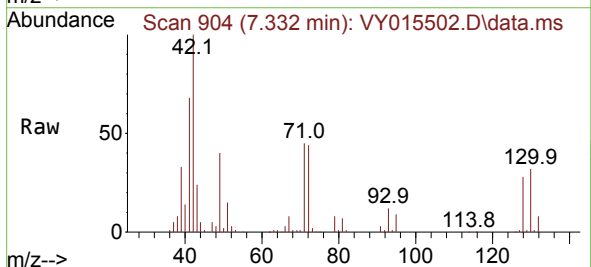


Tgt Ion: 96 Resp: 119008

Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	301.4
98	64.9	0.0	130.4

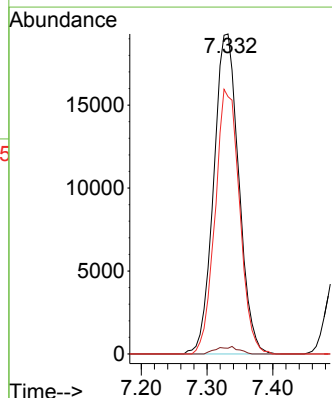
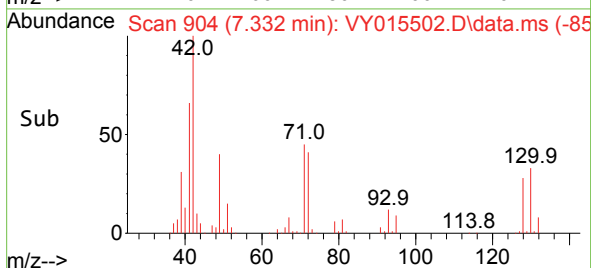


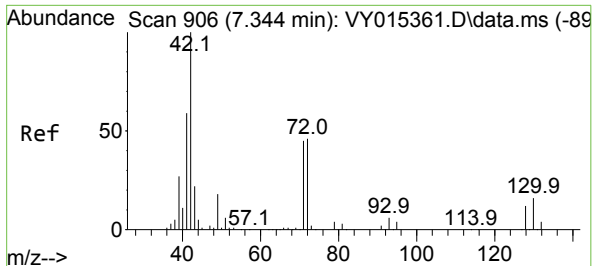
#28
 Bromochloromethane
 Concen: 48.606 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12



Tgt Ion: 49 Resp: 51175

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	80.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 238.094 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

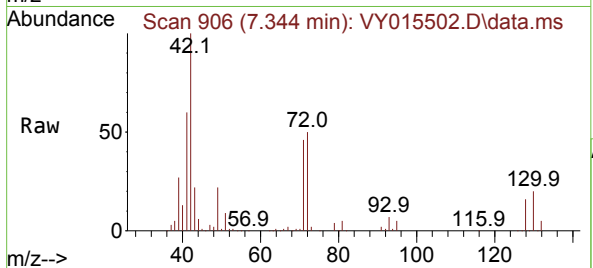
Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 42 Resp: 162804

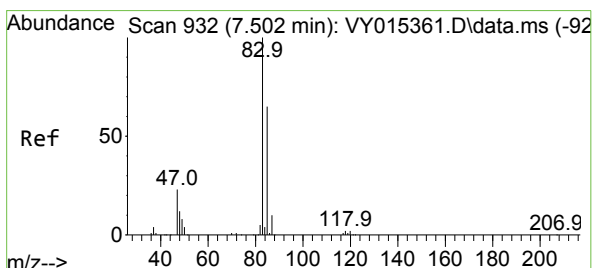
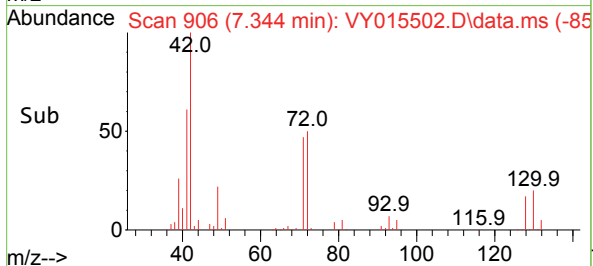
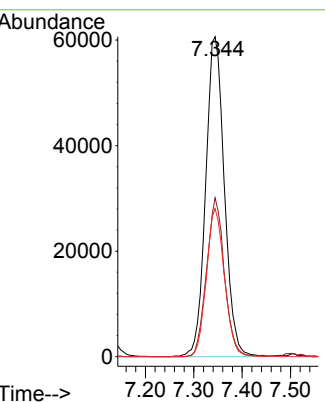
Ion	Ratio	Lower	Upper
42	100		
72	47.4	32.8	49.2
71	44.7	31.0	46.4

Ion Ratio Lower Upper

42 100

72 47.4 32.8 49.2

71 44.7 31.0 46.4



#30

Chloroform

Concen: 54.128 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

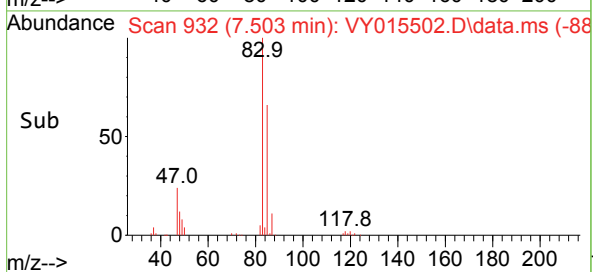
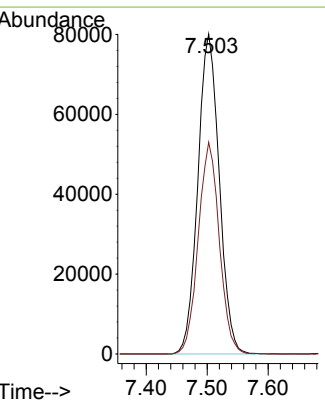
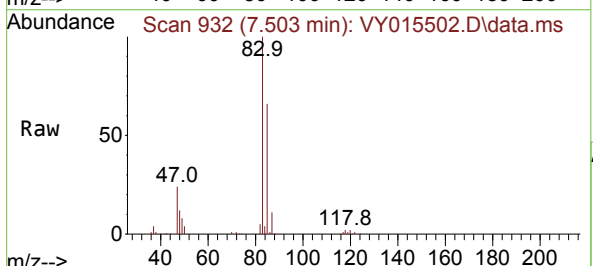
Tgt Ion: 83 Resp: 195358

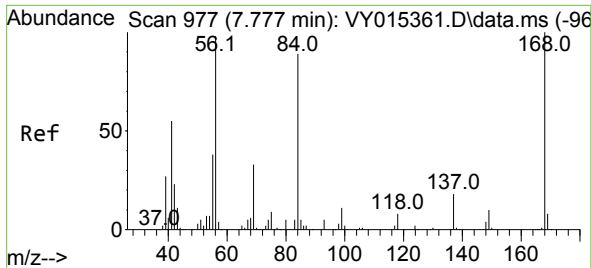
Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.7	74.5

Ion Ratio Lower Upper

83 100

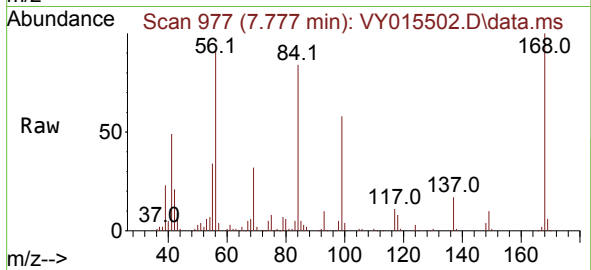
85 66.2 49.7 74.5



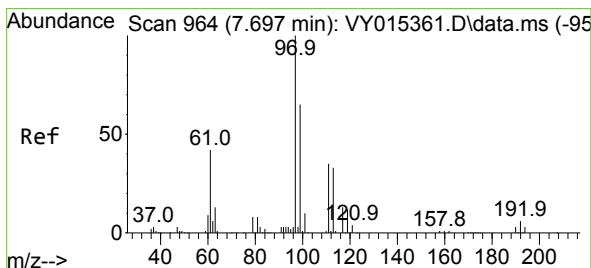
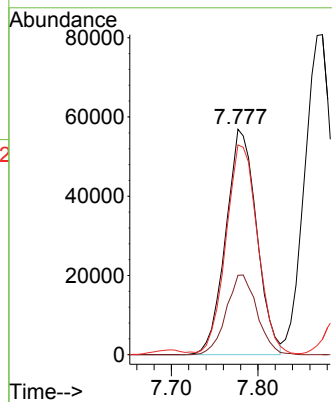
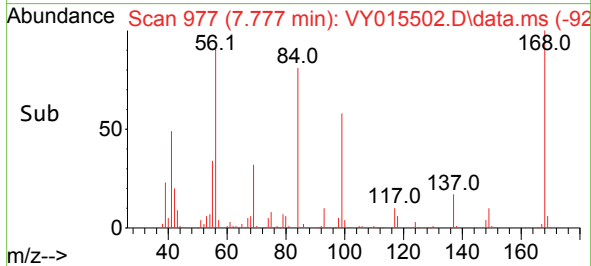


#31
Cyclohexane
Concen: 43.163 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Instrument :
MSVOA_Y
ClientSampleId :

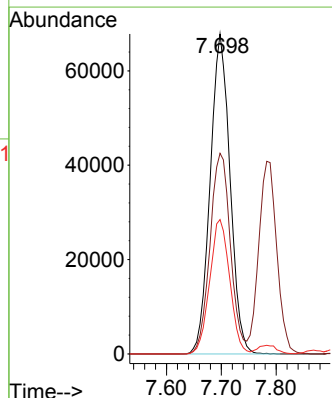
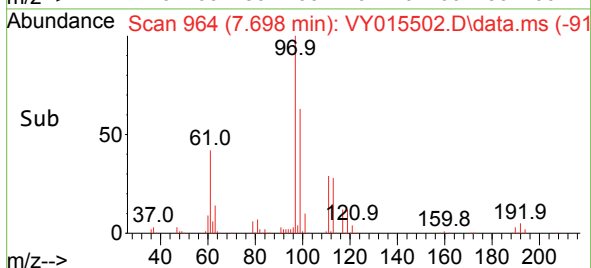
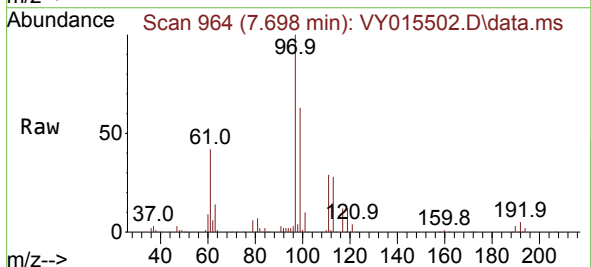


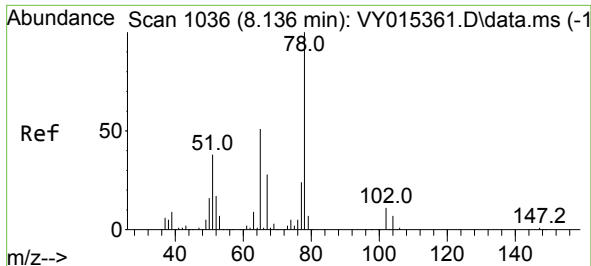
Tgt Ion: 56 Resp: 141022
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 91.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.774 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 97 Resp: 170131
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 42.4 35.1 52.7

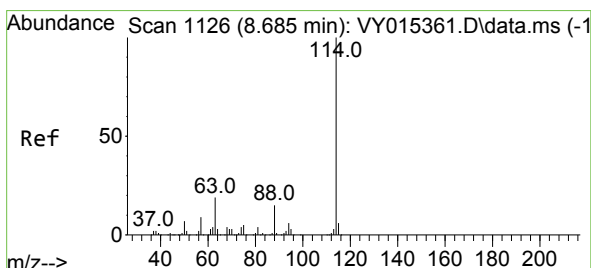
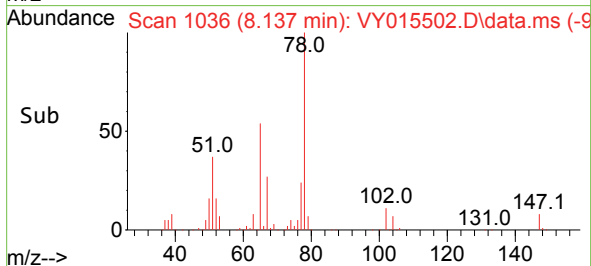
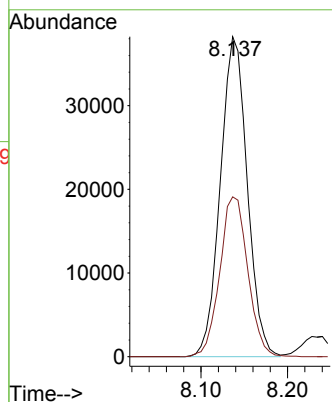
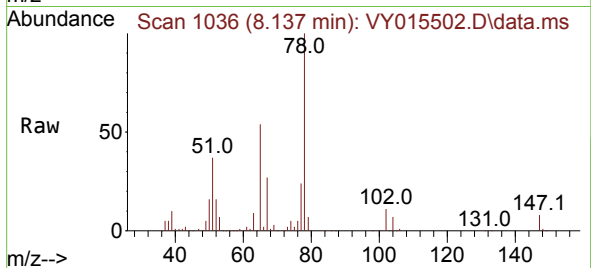




#33
 1,2-Dichloroethane-d4
 Concen: 44.867 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

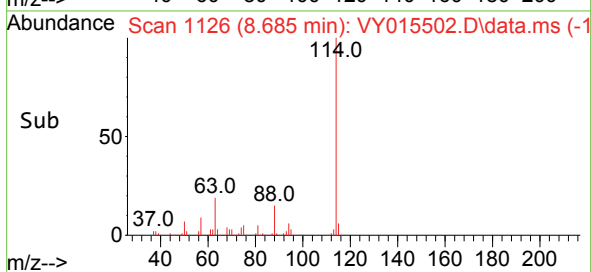
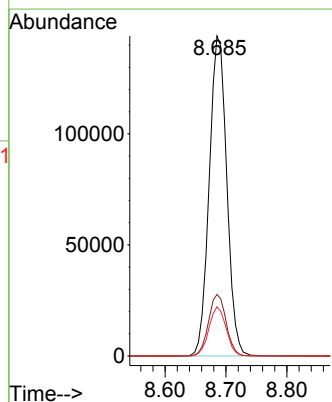
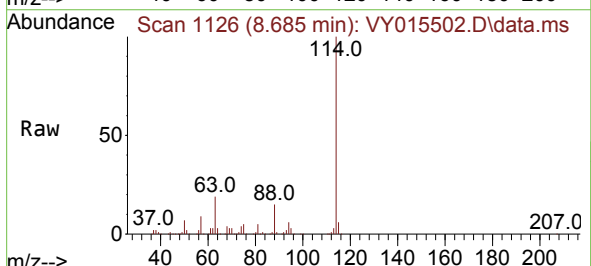
Instrument :
 MSVOA_Y
 ClientSampleId :

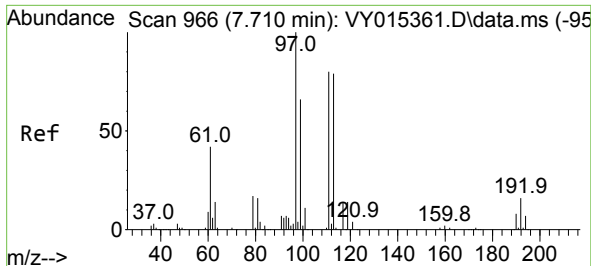
Tgt Ion: 65 Resp: 82524
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

Tgt Ion:114 Resp: 288325
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.3 0.0 30.6

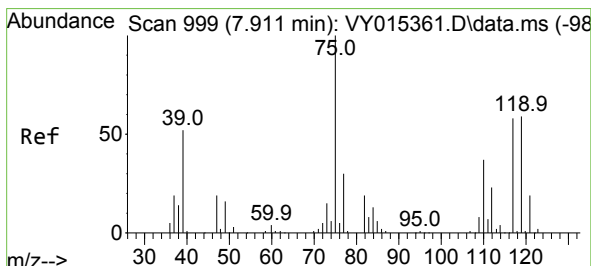
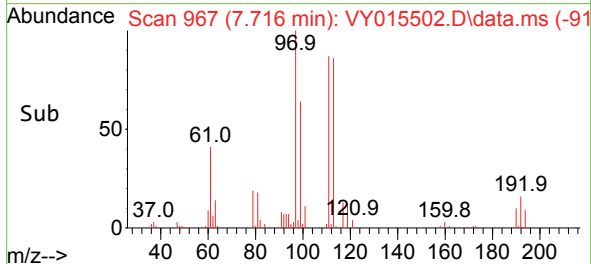
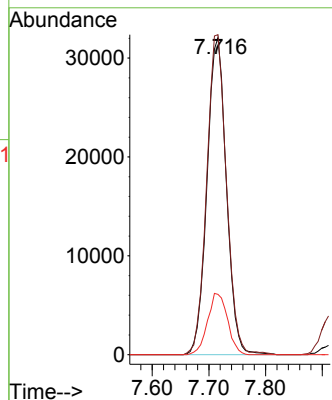
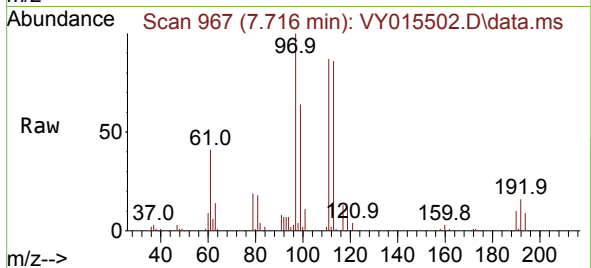




#35
Dibromofluoromethane
Concen: 45.830 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

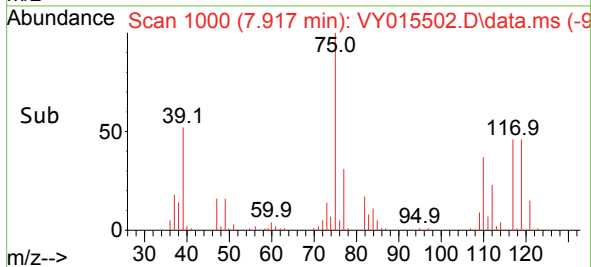
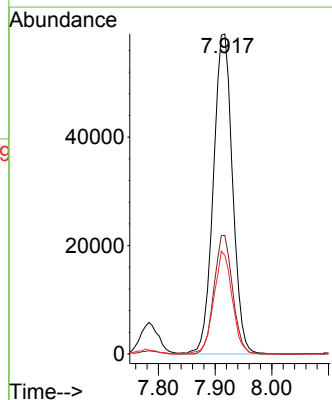
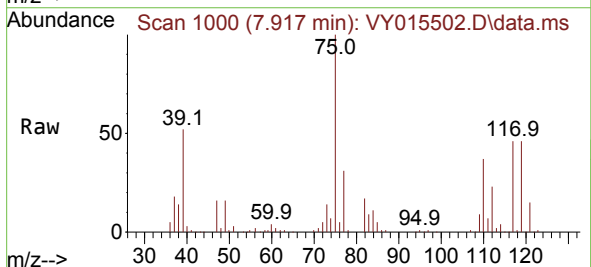
Instrument :
MSVOA_Y
ClientSampleId :

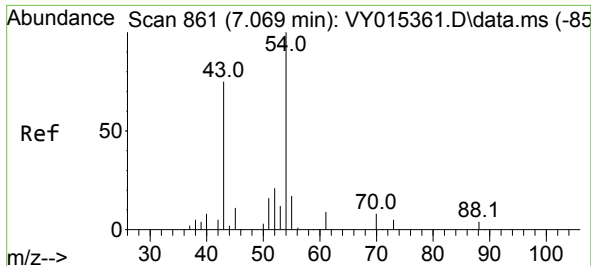
Tgt Ion:113 Resp: 76109
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.621 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 75 Resp: 138861
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 42.328 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015502.D

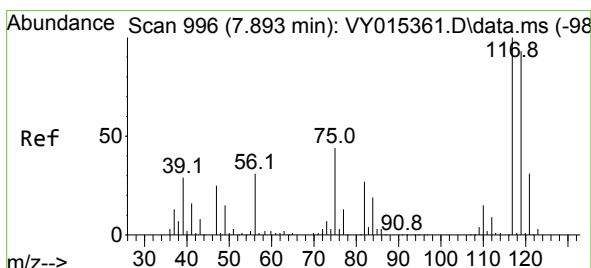
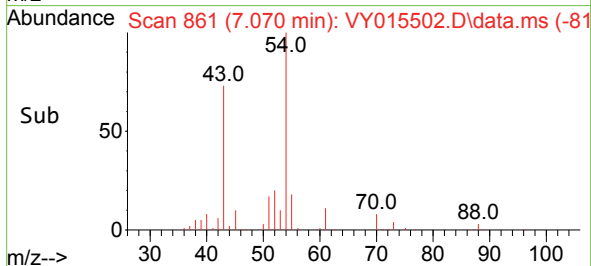
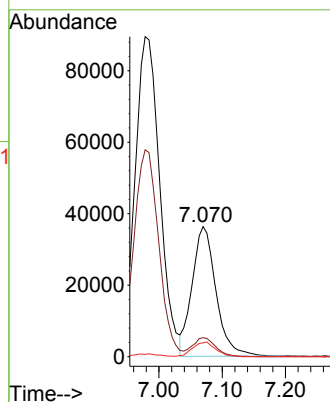
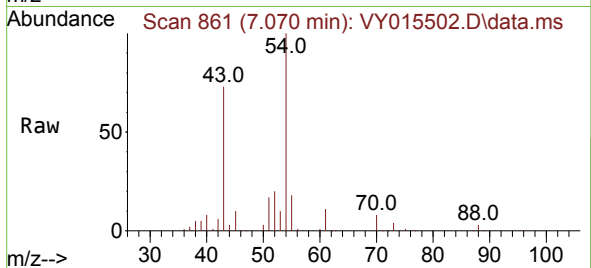
Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	95193
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.1	15.1
70	10.8	7.1	10.7



#38

Carbon Tetrachloride

Concen: 49.890 ug/l

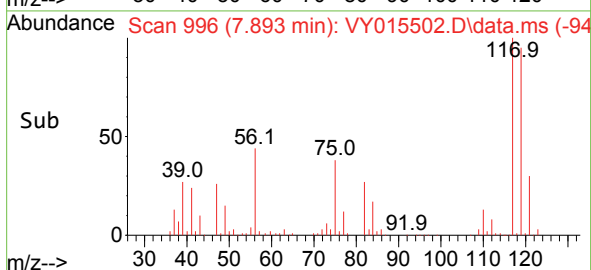
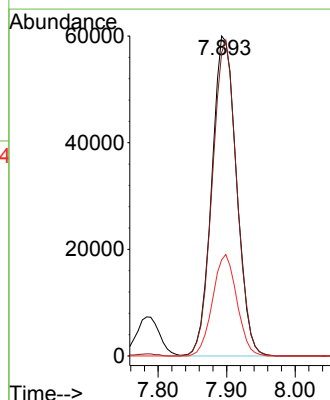
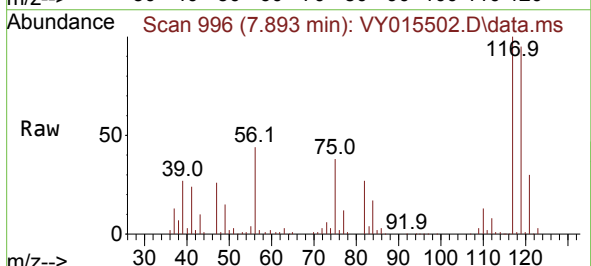
RT: 7.893 min Scan# 996

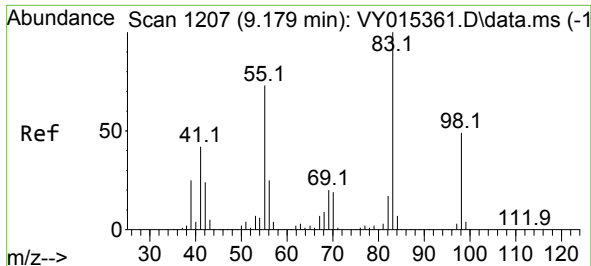
Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Tgt Ion:	117	Resp:	150251
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 43.298 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

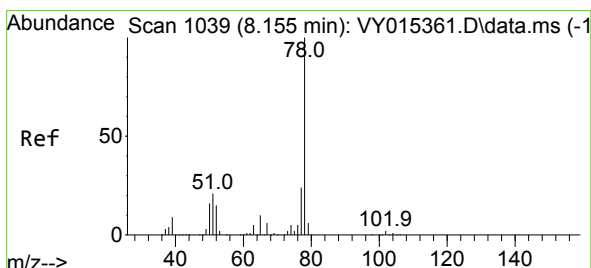
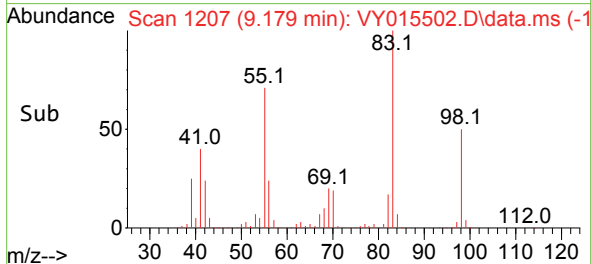
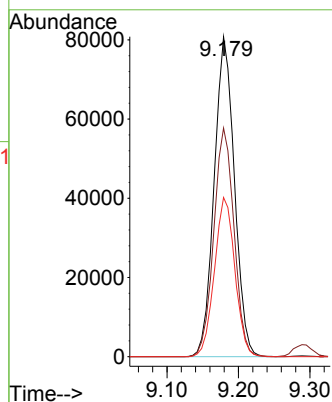
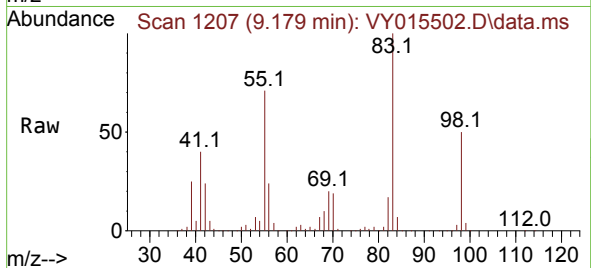
Tgt Ion: 83 Resp: 158949

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 49.8 37.4 56.2



#40

Benzene

Concen: 50.598 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015502.D

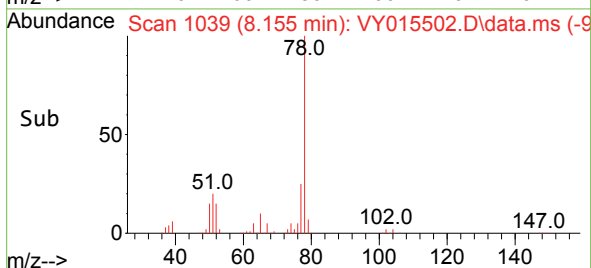
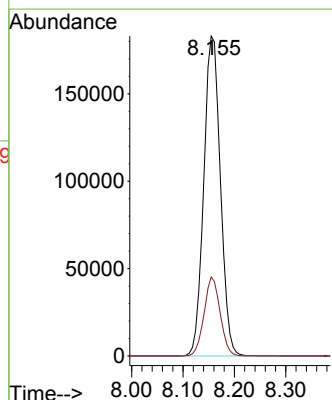
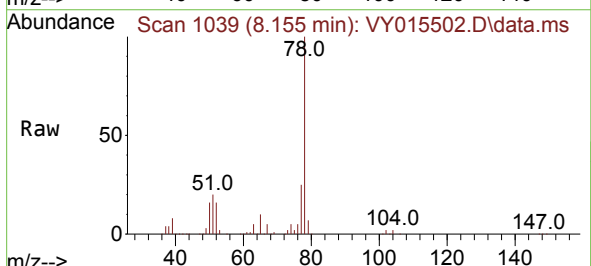
Acq: 11 Sep 2023 21:12

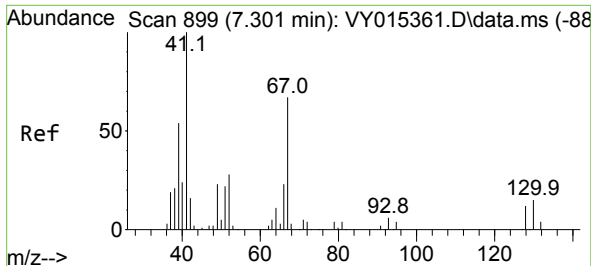
Tgt Ion: 78 Resp: 411640

Ion Ratio Lower Upper

78 100

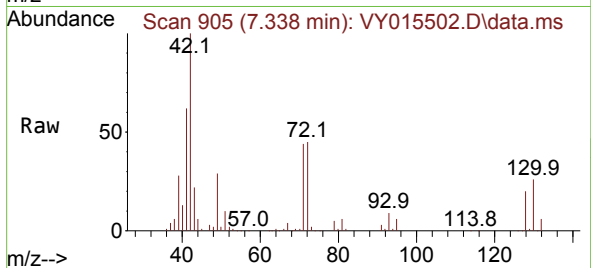
77 24.7 19.0 28.6



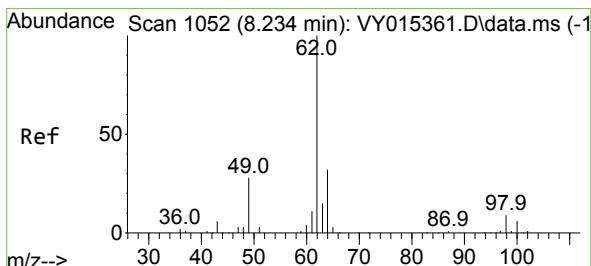
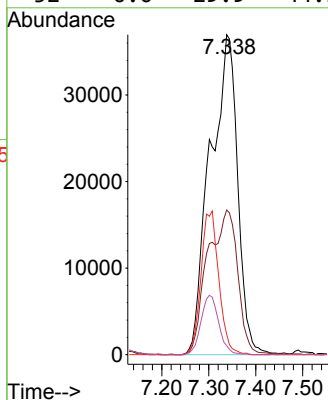
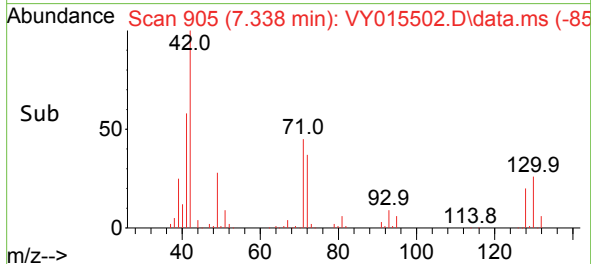


#41
Methacrylonitrile
Concen: 141.999 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.025 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Instrument :
MSVOA_Y
ClientSampleId :

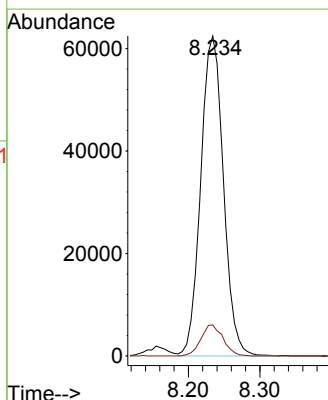
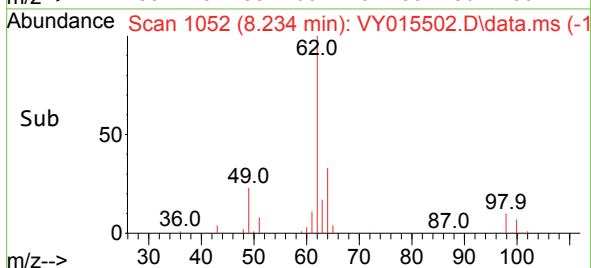
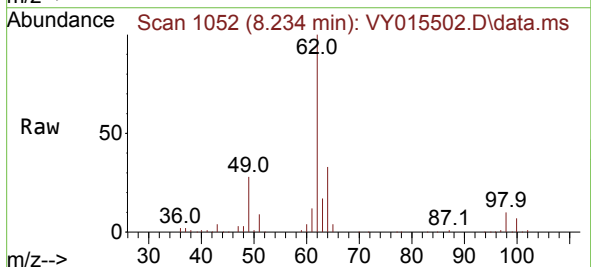


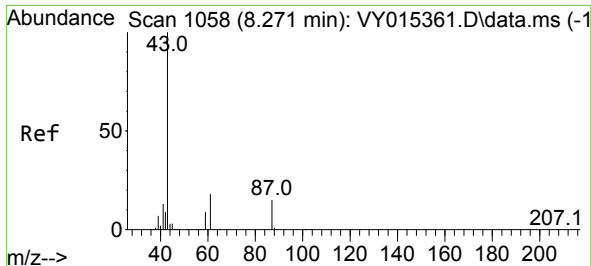
Tgt Ion: 41 Resp: 149755
Ion Ratio Lower Upper
41 100
39 49.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.674 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

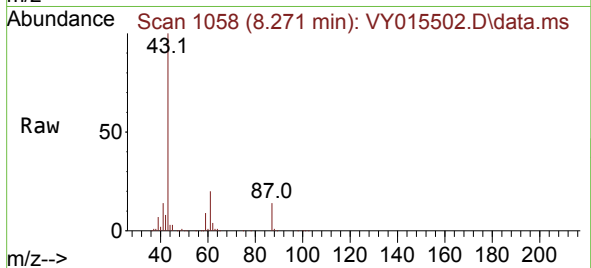
Tgt Ion: 62 Resp: 137470
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8



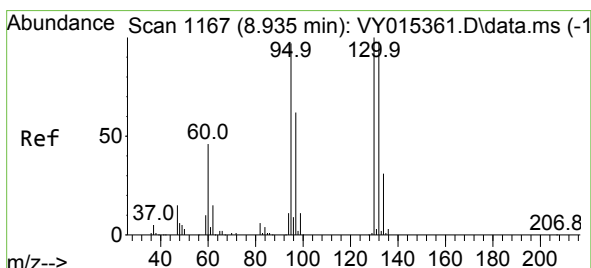
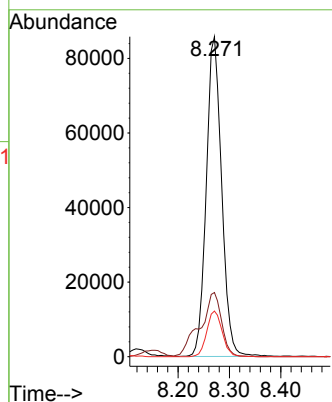
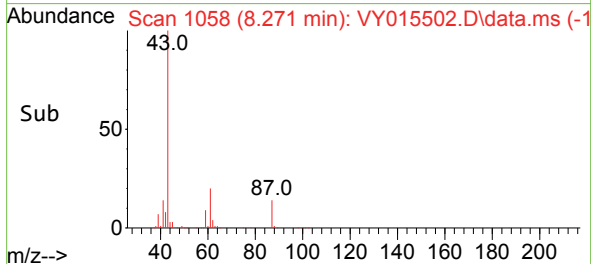


#43
Isopropyl Acetate
Concen: 45.717 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Instrument :
MSVOA_Y
ClientSampleId :

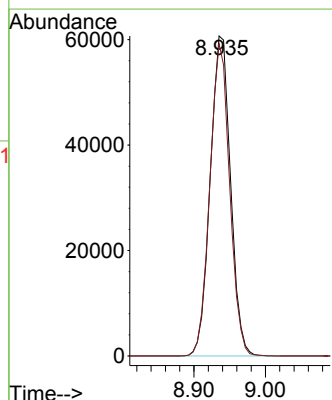
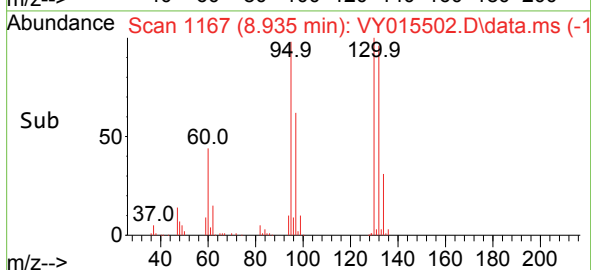
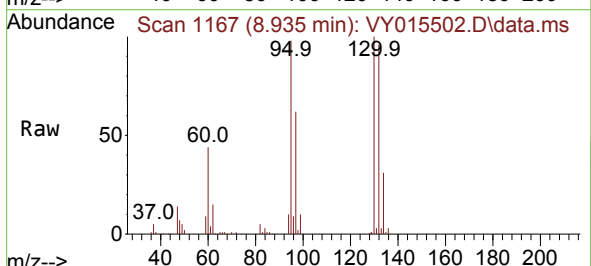


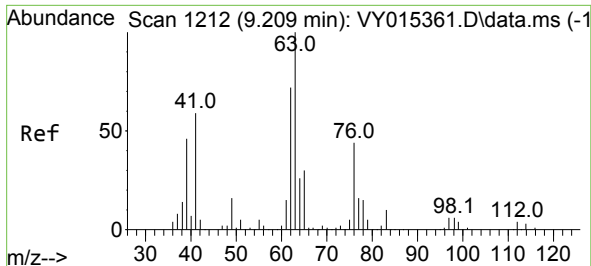
Tgt Ion: 43 Resp: 177792
Ion Ratio Lower Upper
43 100
61 28.2 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 51.978 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion:130 Resp: 119645
Ion Ratio Lower Upper
130 100
95 97.6 0.0 196.0

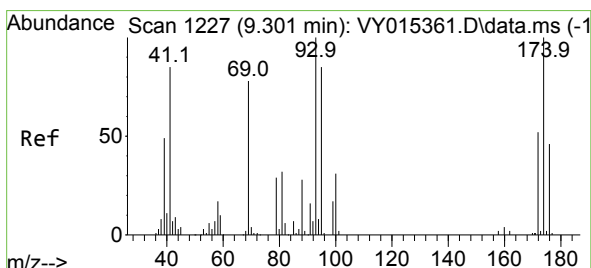
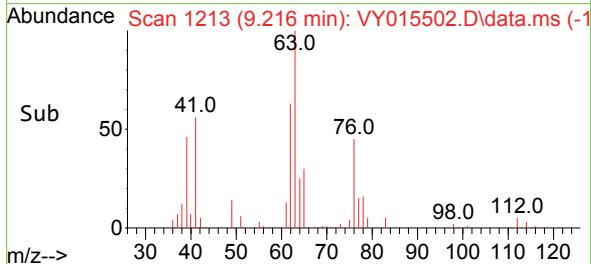
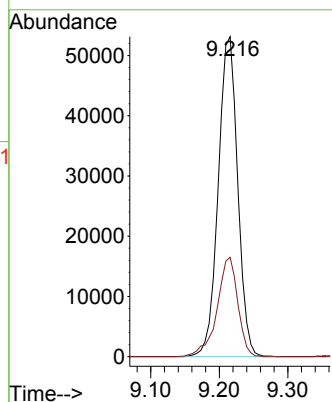
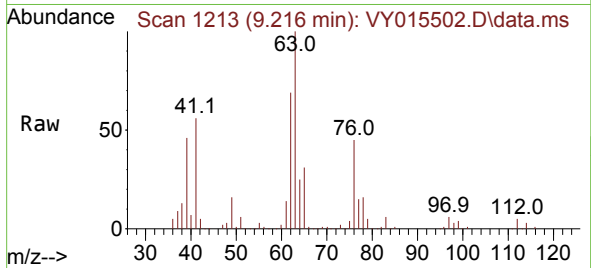




#45
1,2-Dichloropropane
Concen: 50.913 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

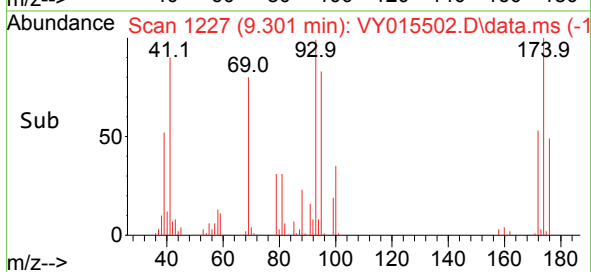
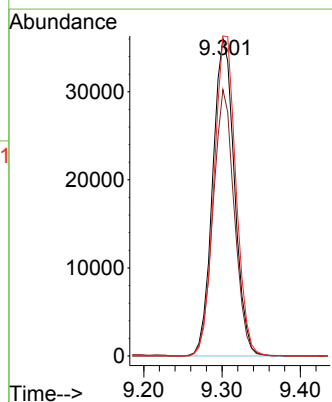
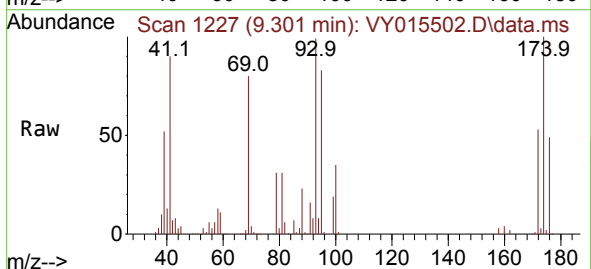
Instrument :
MSVOA_Y
ClientSampleId :

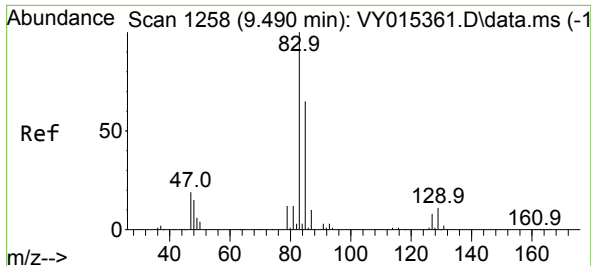
Tgt Ion: 63 Resp: 104416
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6



#46
Dibromomethane
Concen: 50.963 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 93 Resp: 69428
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 101.6 84.8 127.2

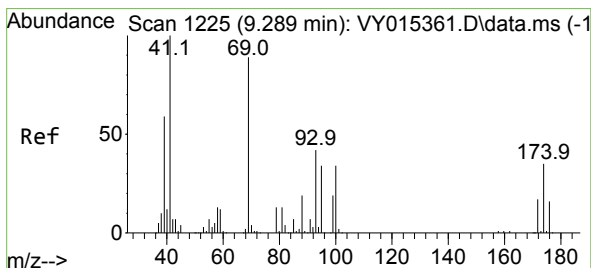
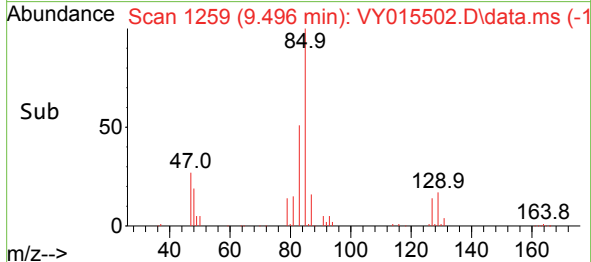
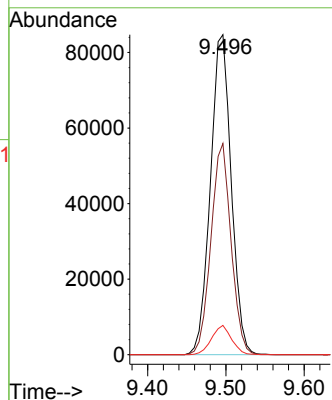
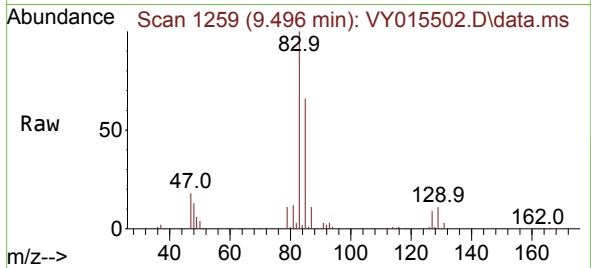




#47
Bromodichloromethane
Concen: 53.640 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

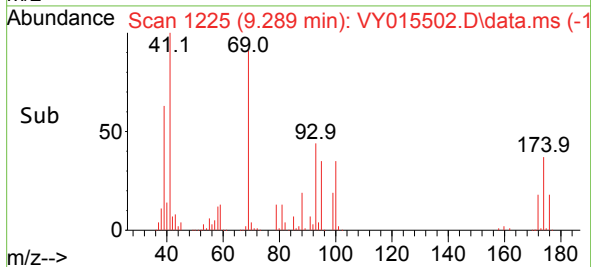
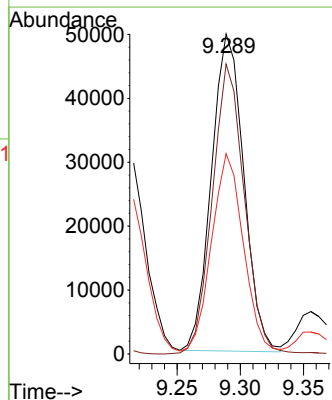
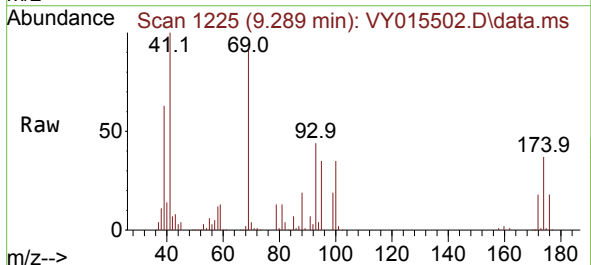
Instrument :
MSVOA_Y
ClientSampleId :

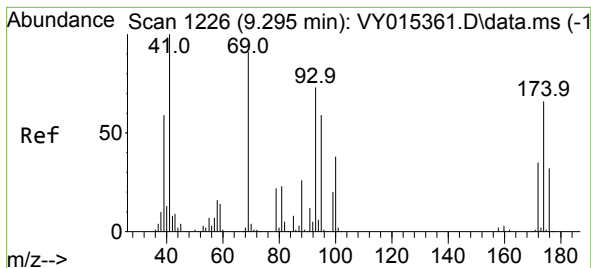
Tgt Ion: 83 Resp: 156273
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 49.437 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 41 Resp: 88211
Ion Ratio Lower Upper
41 100
69 91.0 64.5 96.7
39 62.7 50.8 76.2





#49

1,4-Dioxane

Concen: 909.601 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

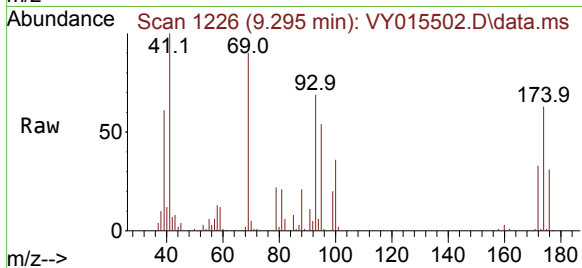
Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :



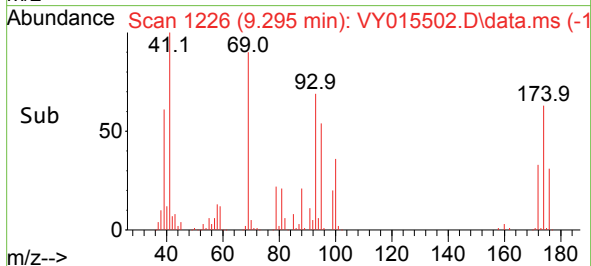
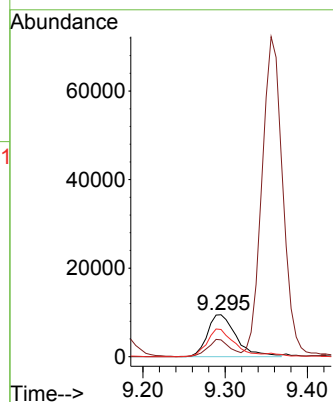
Tgt Ion: 88 Resp: 23017

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0#

58 62.0 30.9 46.3#



#50

Toluene-d8

Concen: 43.902 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015502.D

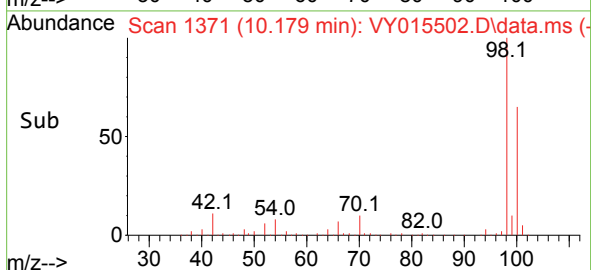
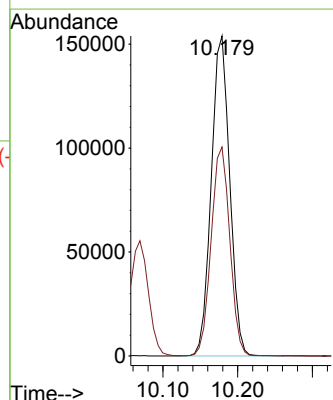
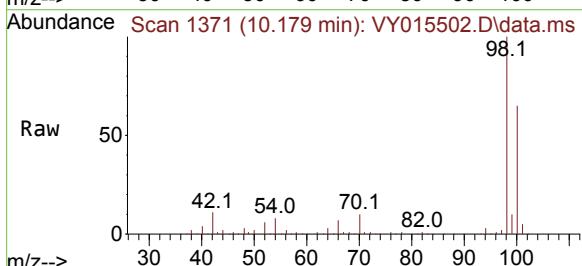
Acq: 11 Sep 2023 21:12

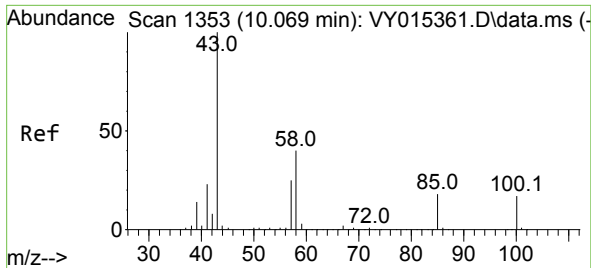
Tgt Ion: 98 Resp: 264026

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

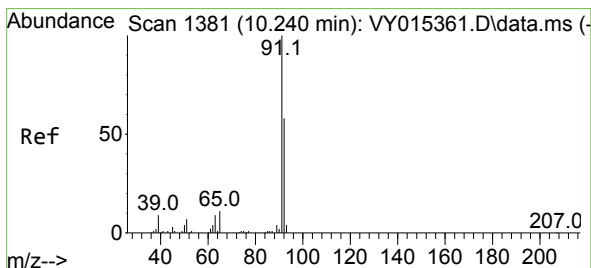
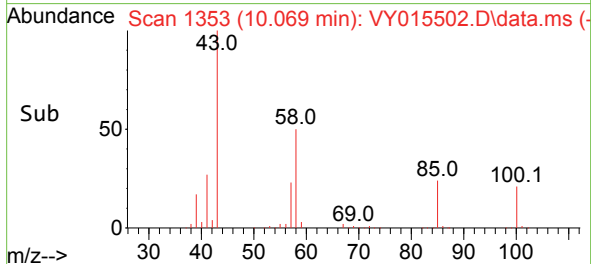
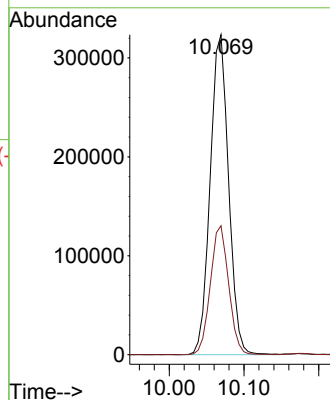
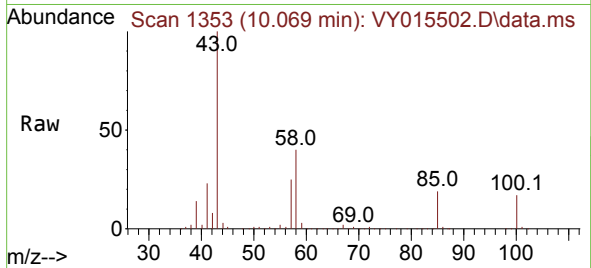




#51
4-Methyl-2-Pentanone
Concen: 245.014 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

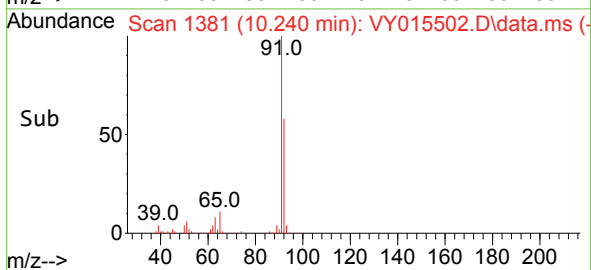
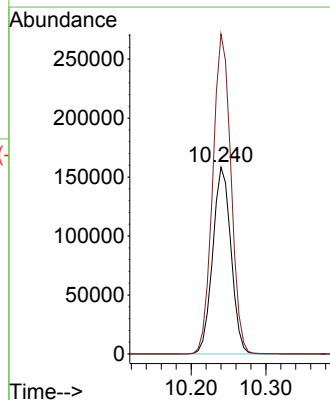
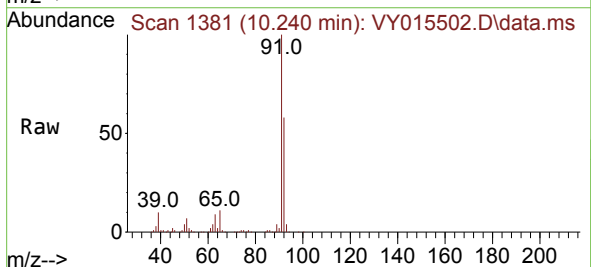
Instrument :
MSVOA_Y
ClientSampleId :

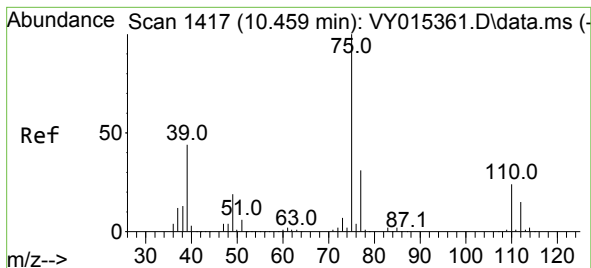
Tgt Ion: 43 Resp: 553814
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 51.566 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 92 Resp: 268887
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

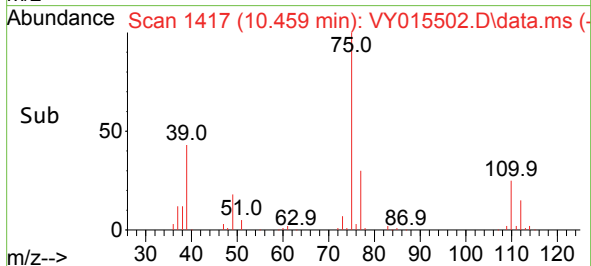
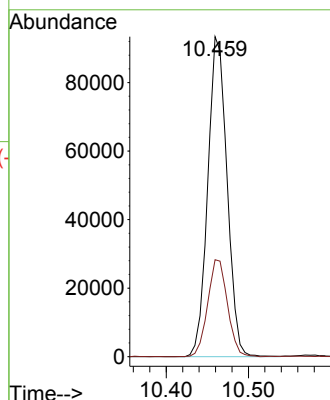
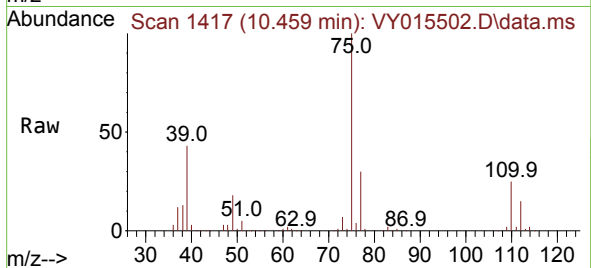




#53
 t-1,3-Dichloropropene
 Concen: 49.126 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

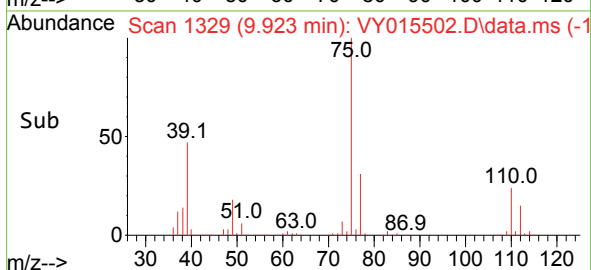
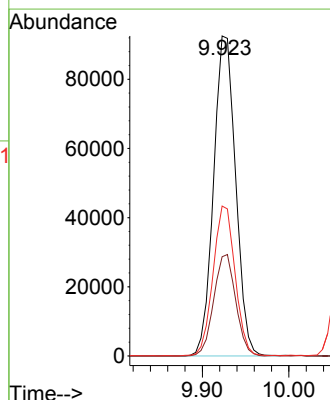
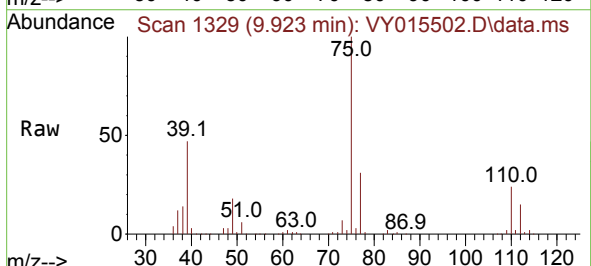
Instrument :
 MSVOA_Y
 ClientSampleId :

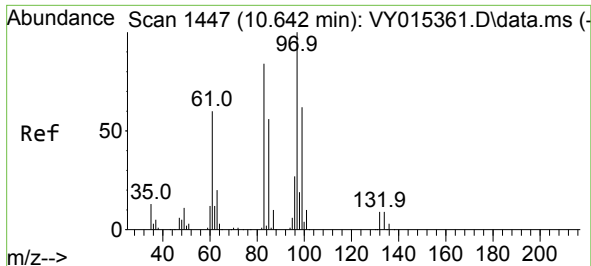
Tgt Ion: 75 Resp: 152103
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.654 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015502.D
 Acq: 11 Sep 2023 21:12

Tgt Ion: 75 Resp: 163869
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 46.8 42.2 63.4

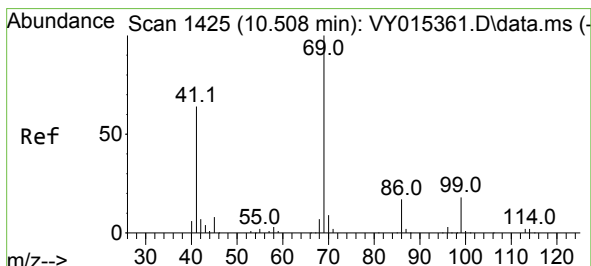
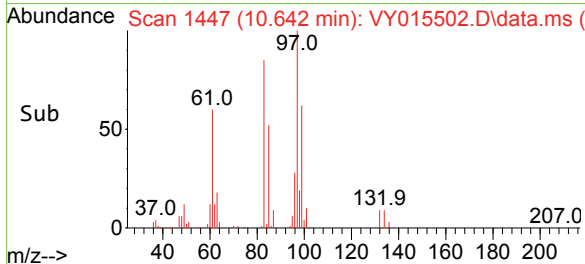
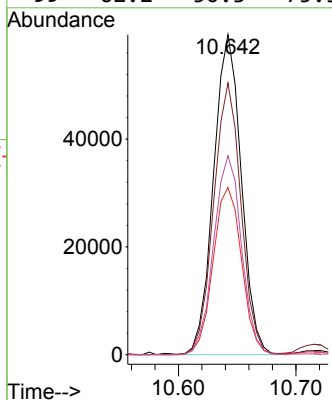
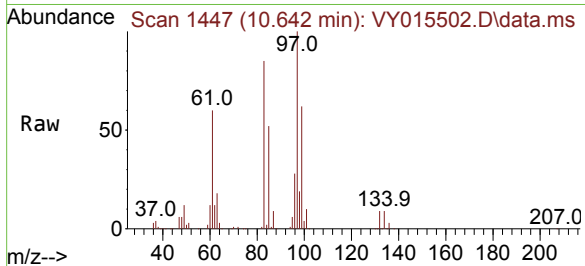




#55
1,1,2-Trichloroethane
Concen: 53.058 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

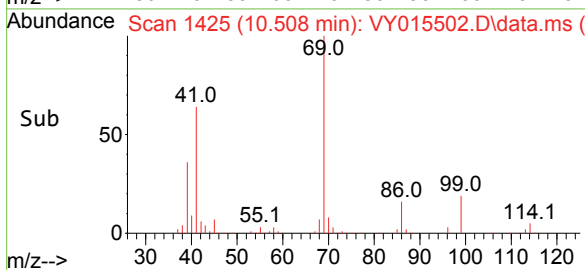
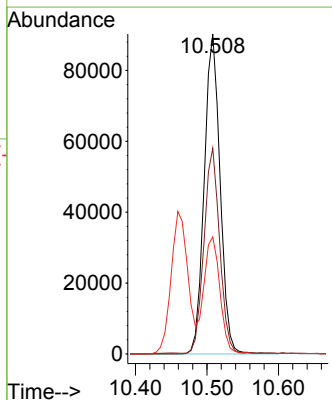
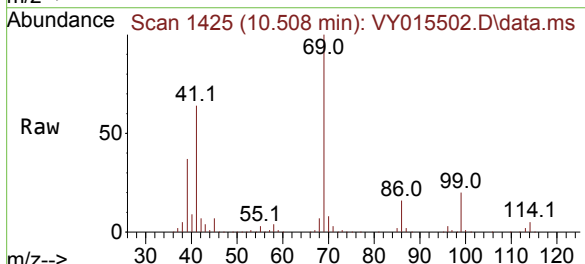
Instrument :
MSVOA_Y
ClientSampleId :

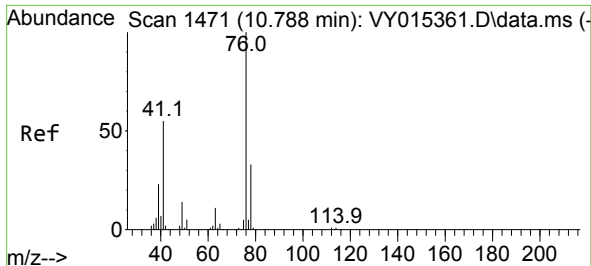
Tgt Ion:	97	Resp:	97394
Ion	Ratio	Lower	Upper
97	100		
83	84.7	72.0	108.0
85	52.2	45.4	68.0
99	62.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 51.080 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion:	69	Resp:	138946
Ion	Ratio	Lower	Upper
69	100		
41	63.5	57.6	86.4
39	37.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.530 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

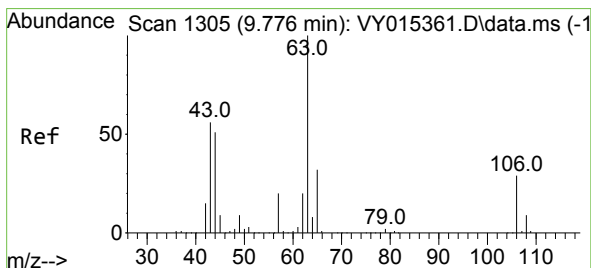
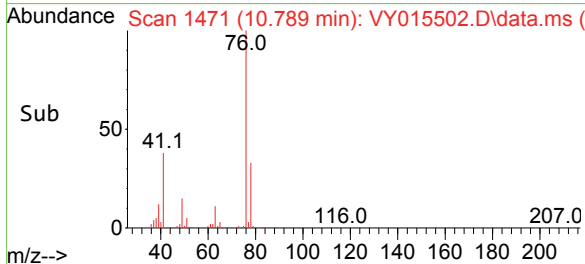
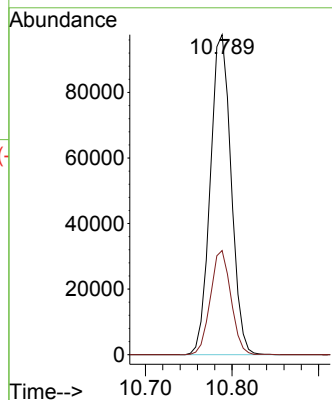
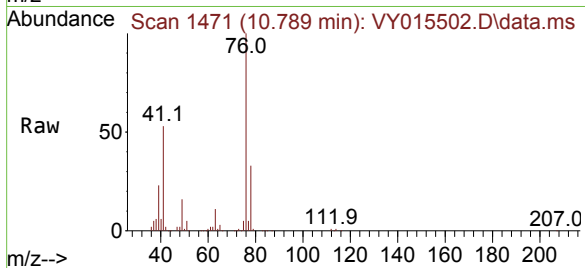
ClientSampleId :

Tgt Ion: 76 Resp: 162822

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 237.351 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015502.D

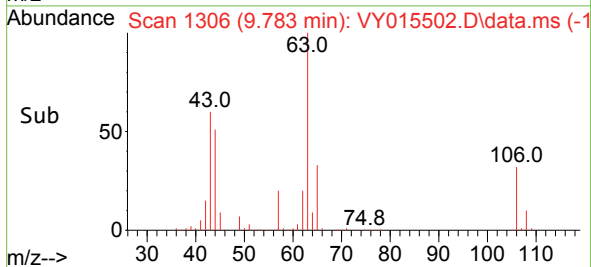
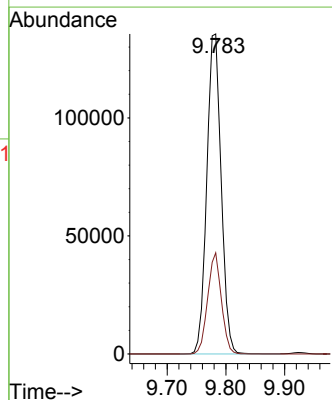
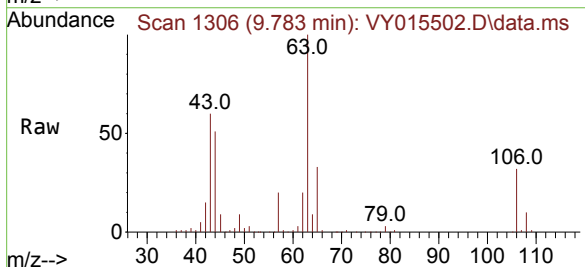
Acq: 11 Sep 2023 21:12

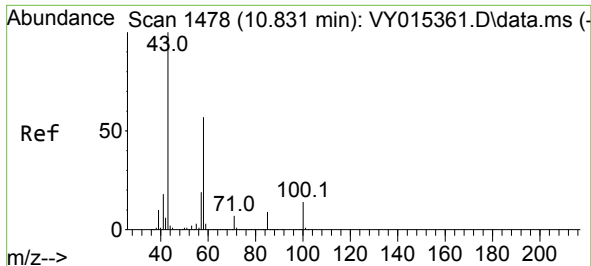
Tgt Ion: 63 Resp: 230450

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

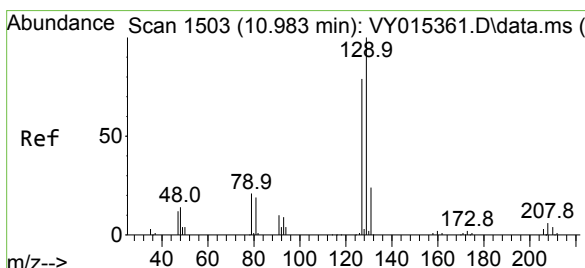
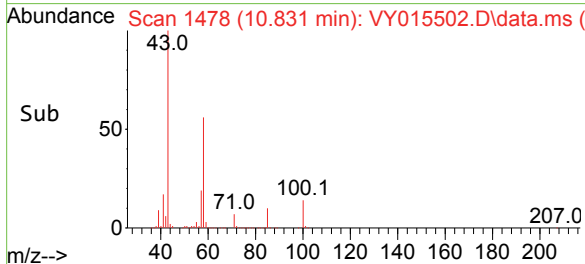
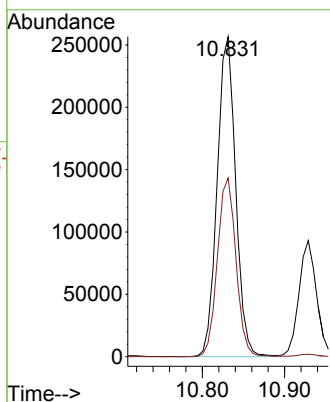
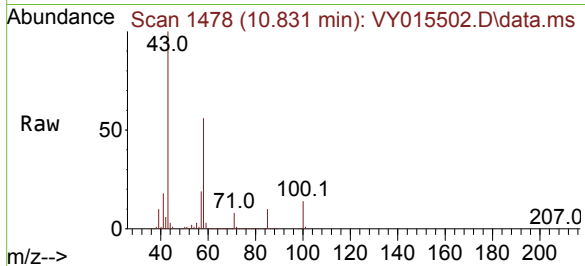




#59
2-Hexanone
Concen: 236.852 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

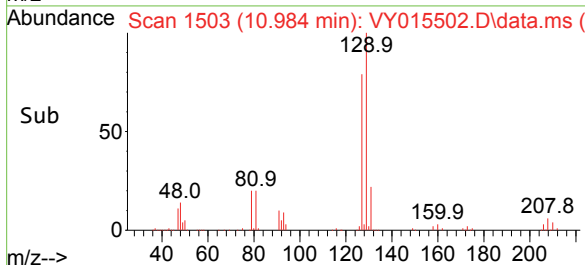
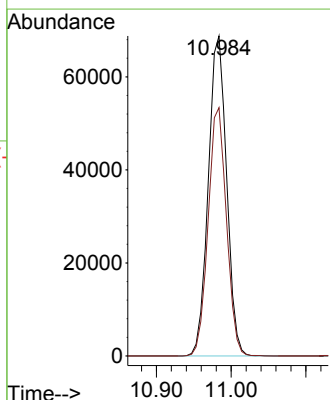
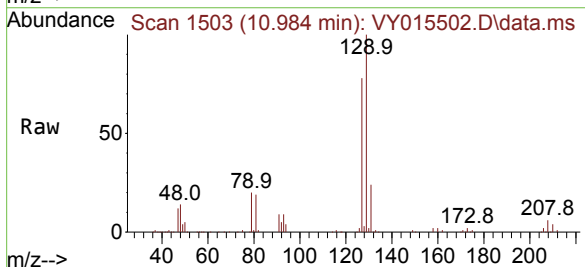
Instrument :
MSVOA_Y
ClientSampleId :

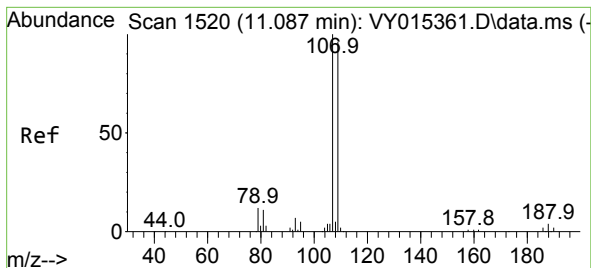
Tgt Ion: 43 Resp: 401711
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 54.479 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion:129 Resp: 117047
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

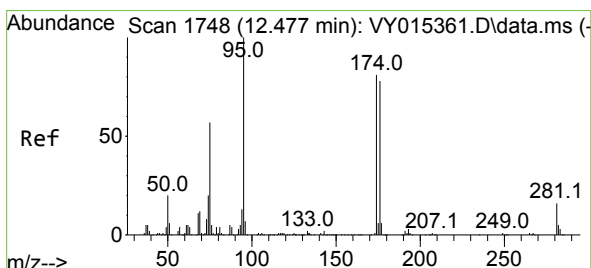
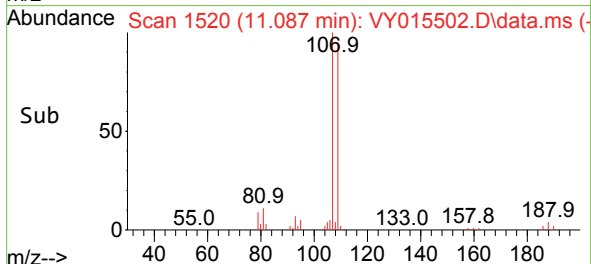
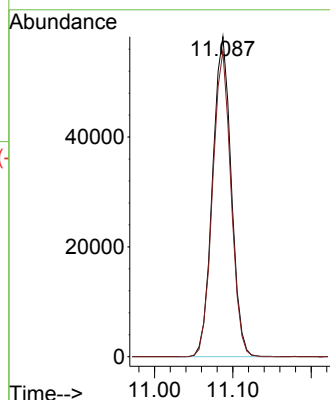
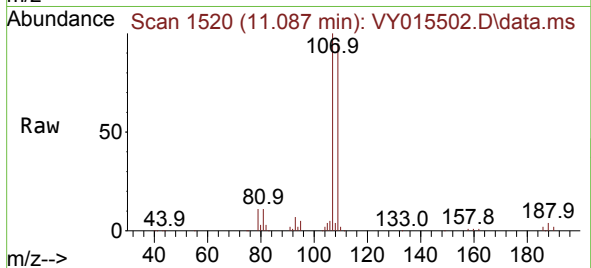




#61
1,2-Dibromoethane
Concen: 51.823 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

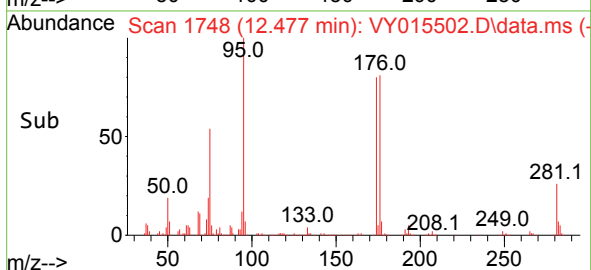
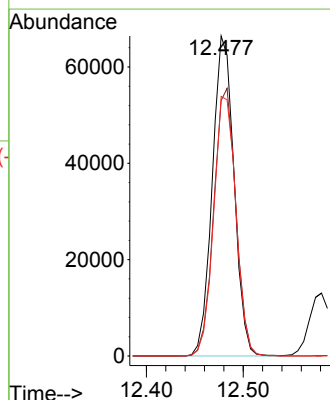
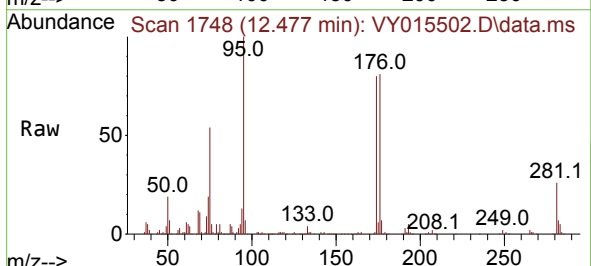
Instrument :
MSVOA_Y
ClientSampleId :

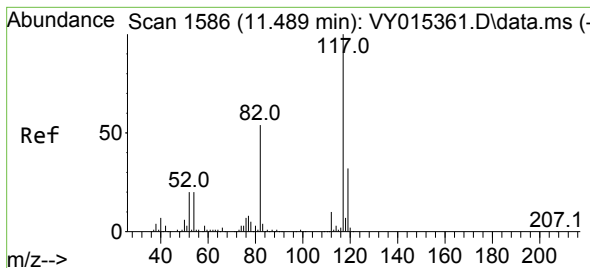
Tgt Ion:107 Resp: 96390
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.323 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 95 Resp: 103420
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 83.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

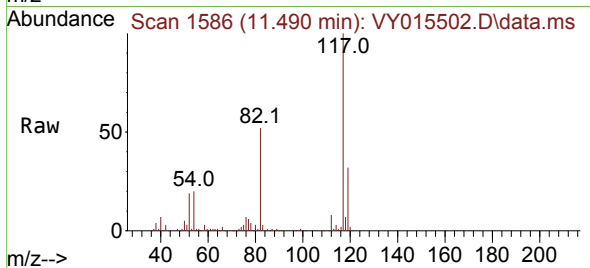
Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :



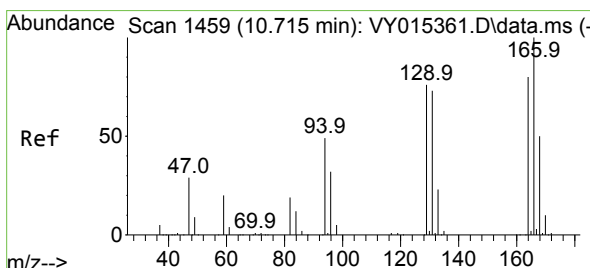
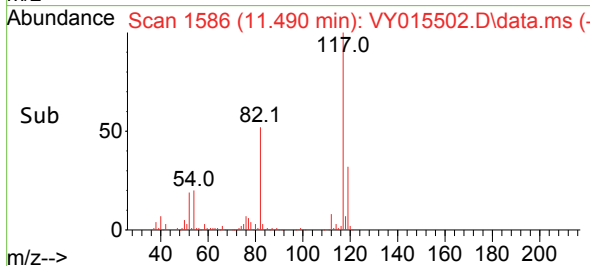
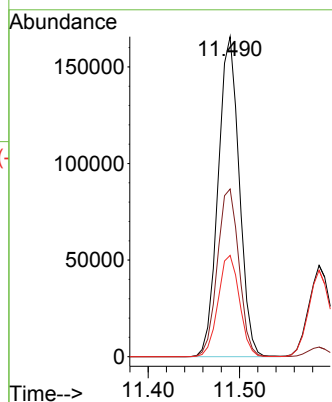
Tgt Ion:117 Resp: 265571

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 57.950 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Tgt Ion:164 Resp: 139688

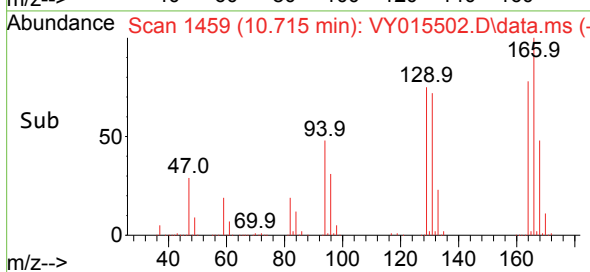
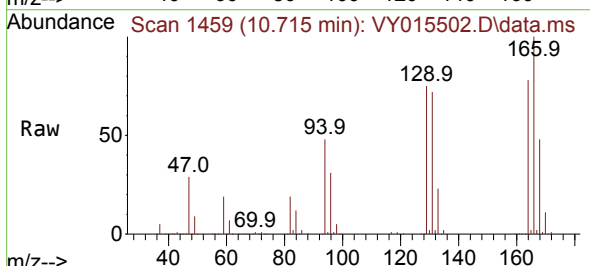
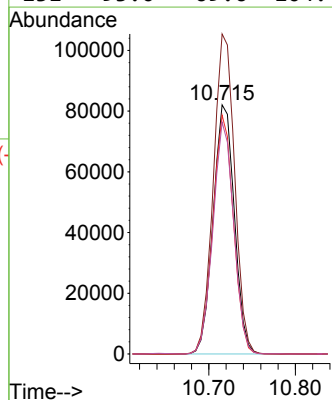
Ion Ratio Lower Upper

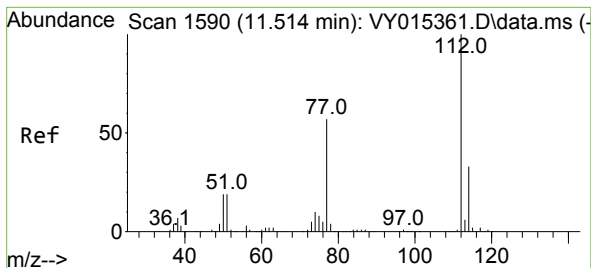
164 100

166 128.5 103.0 154.6

129 95.8 77.2 115.8

131 93.0 69.6 104.4





#65

Chlorobenzene

Concen: 51.347 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

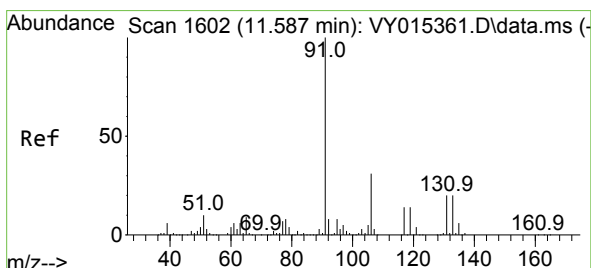
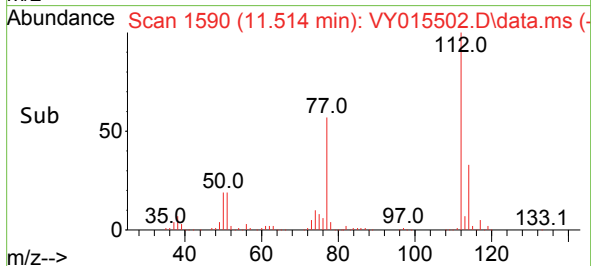
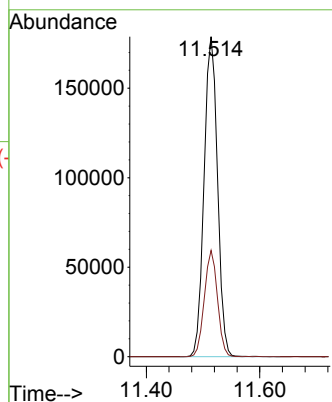
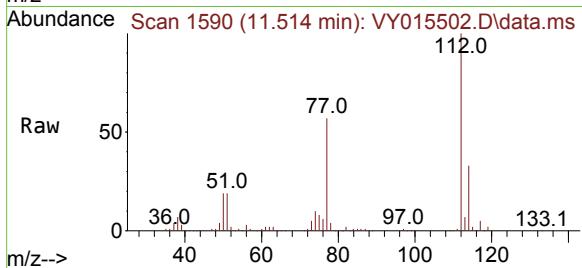
ClientSampleId :

Tgt Ion:112 Resp: 293846

Ion Ratio Lower Upper

112 100

114 33.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.833 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

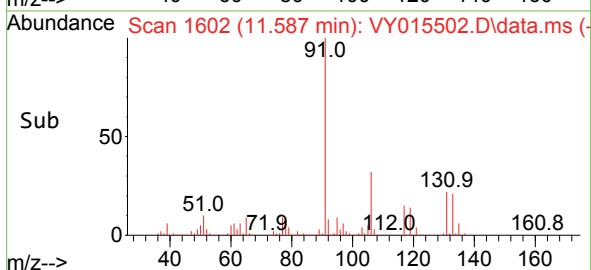
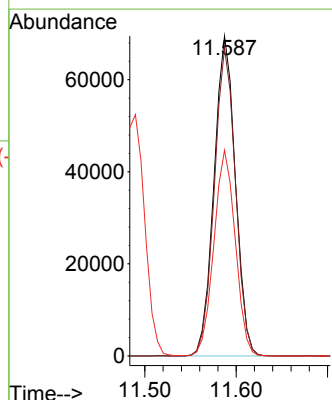
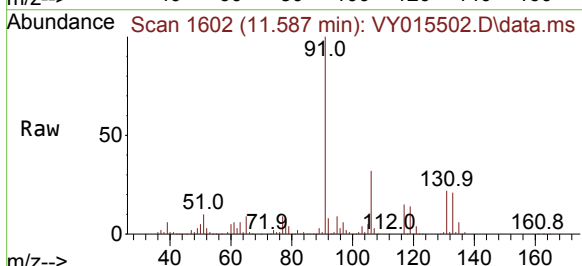
Tgt Ion:131 Resp: 112758

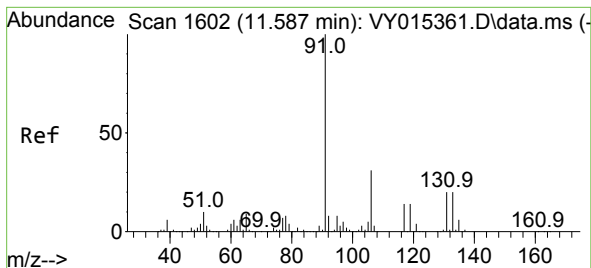
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 64.4 31.6 94.7





#67

Ethyl Benzene

Concen: 50.343 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

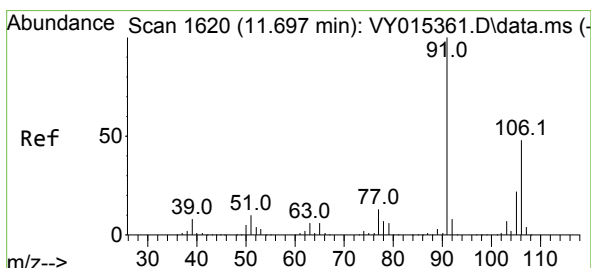
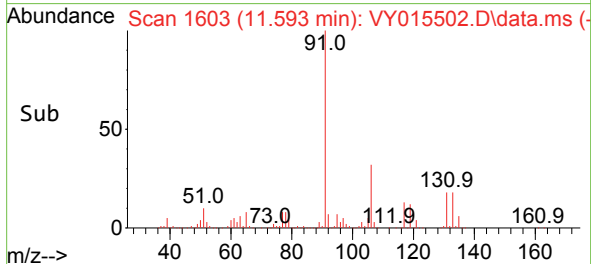
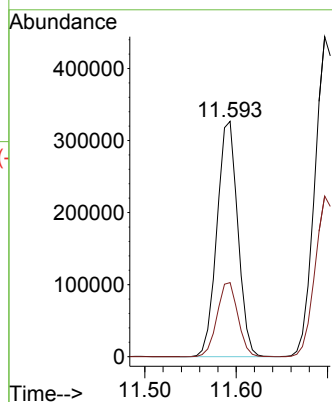
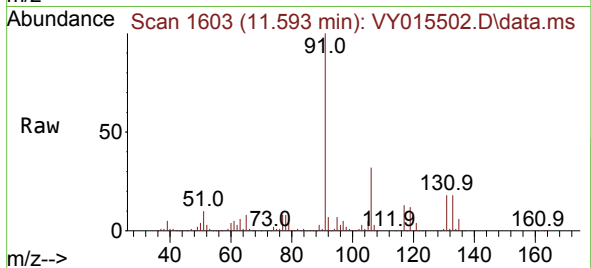
ClientSampleId :

Tgt Ion: 91 Resp: 517322

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 101.361 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015502.D

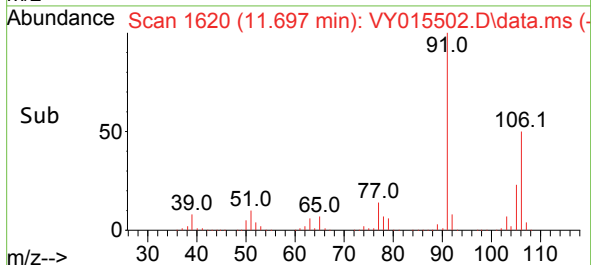
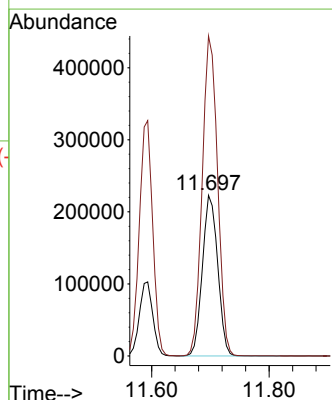
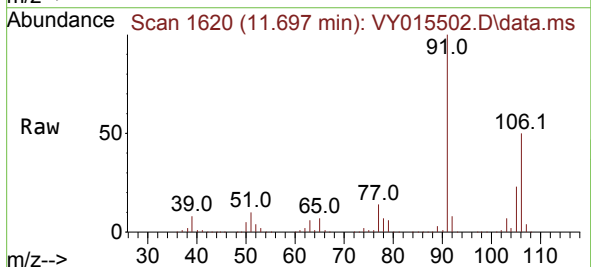
Acq: 11 Sep 2023 21:12

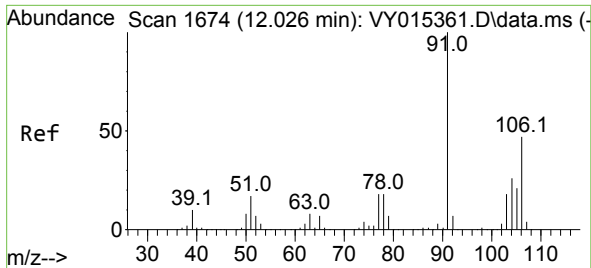
Tgt Ion:106 Resp: 403732

Ion Ratio Lower Upper

106 100

91 200.1 166.1 249.1

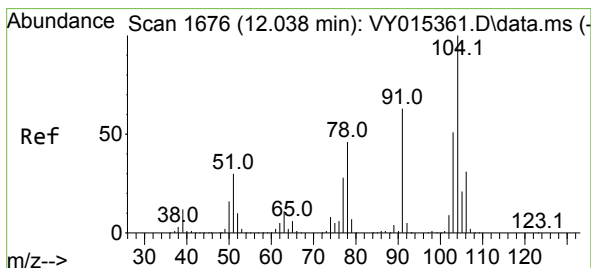
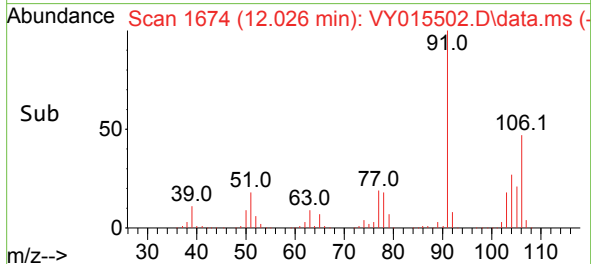
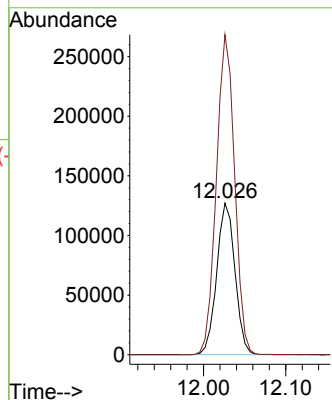
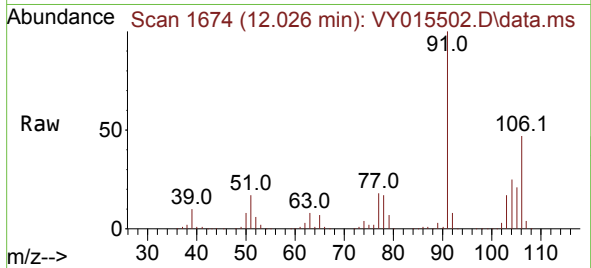




#69
o-Xylene
Concen: 51.523 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

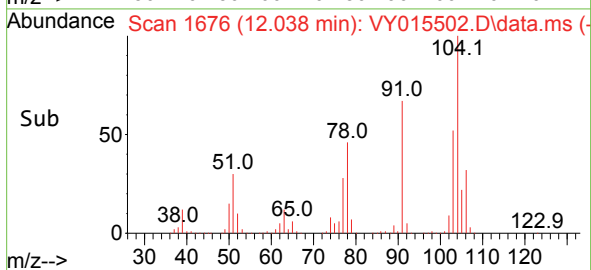
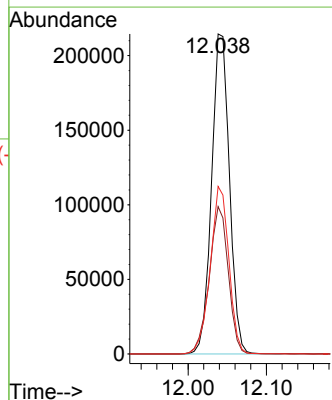
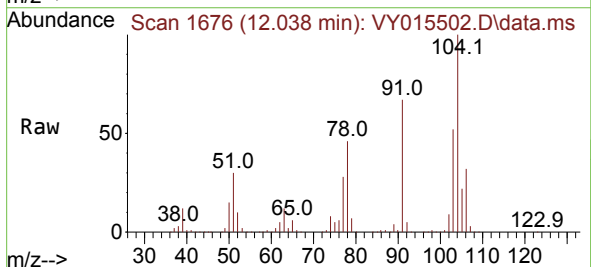
Instrument :
MSVOA_Y
ClientSampleId :

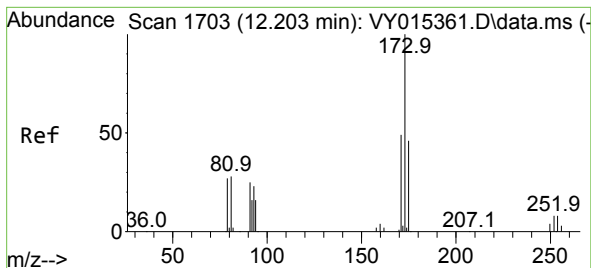
Tgt Ion:106 Resp: 196130
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.3



#70
Styrene
Concen: 53.083 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion:104 Resp: 339763
Ion Ratio Lower Upper
104 100
78 49.0 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 55.014 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015502.D

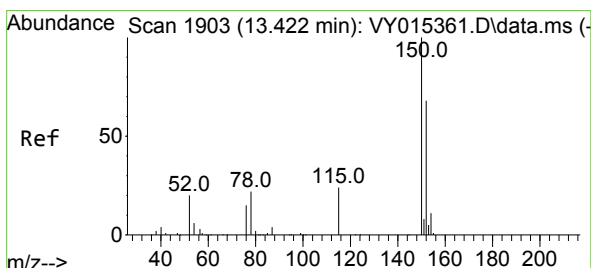
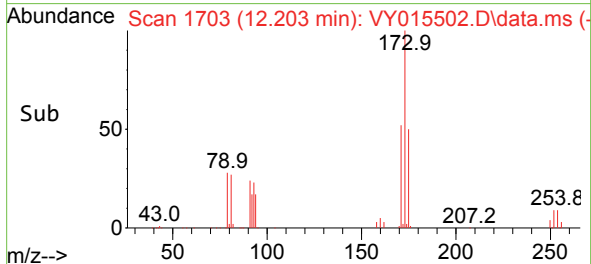
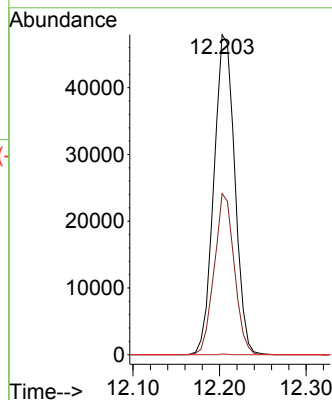
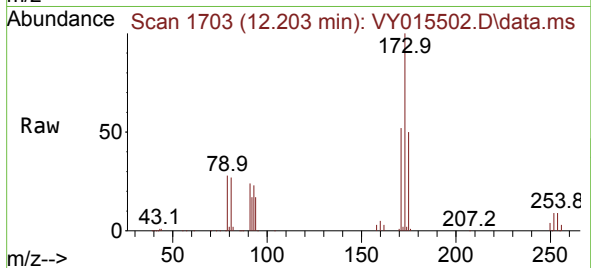
Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	80383
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

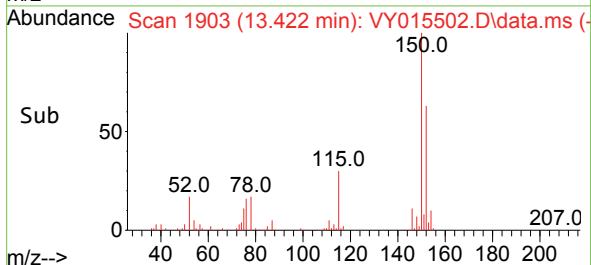
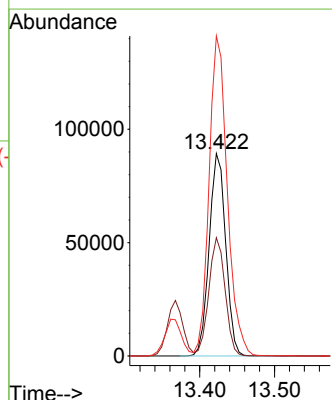
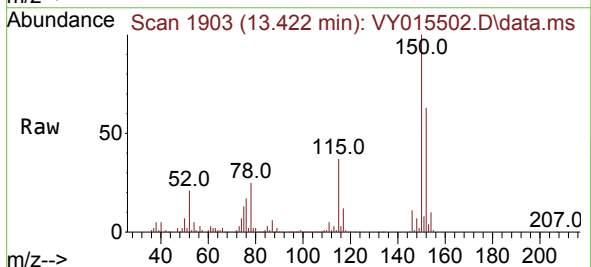
RT: 13.422 min Scan# 1903

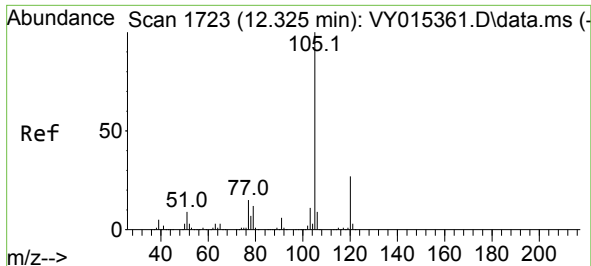
Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

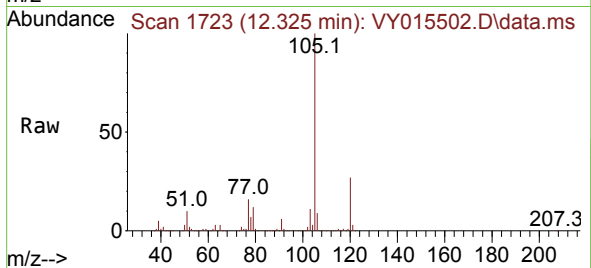
Tgt Ion:152	Resp:	137342
Ion Ratio	Lower	Upper
152	100	
115	57.5	28.8 86.5
150	173.7	0.0 348.8



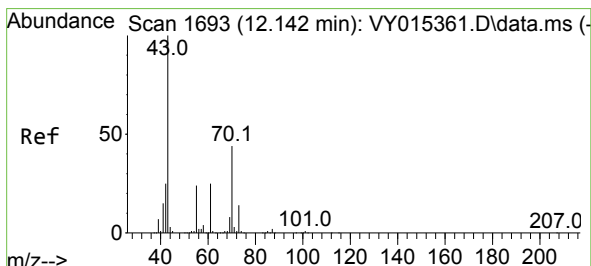
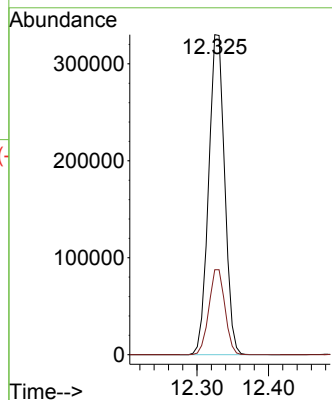
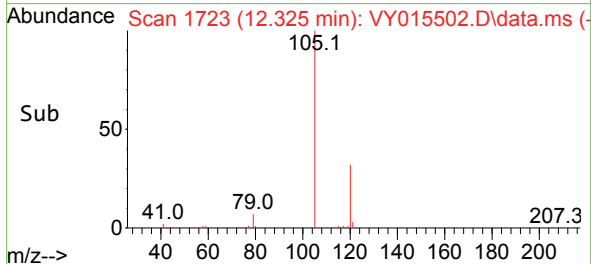


#73
Isopropylbenzene
Concen: 49.737 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Instrument :
MSVOA_Y
ClientSampleId :

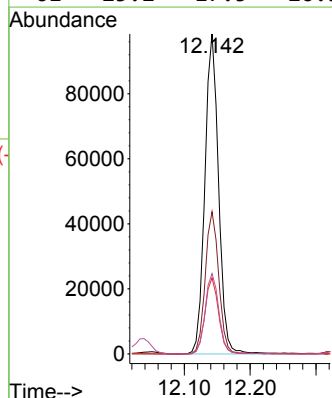
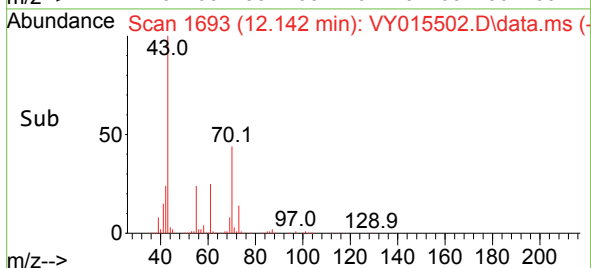
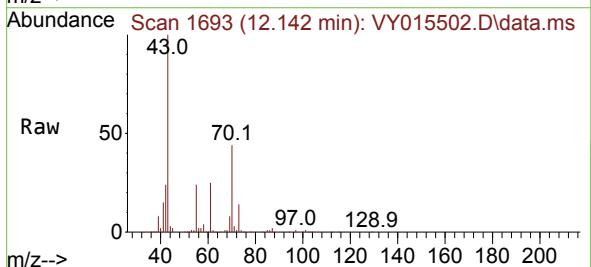


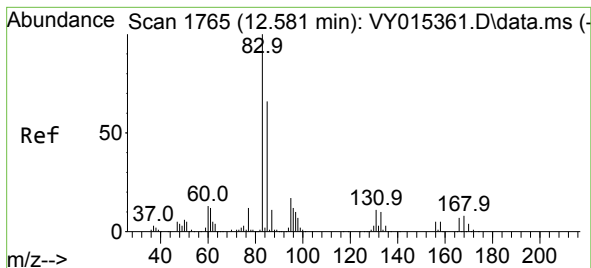
Tgt Ion:105 Resp: 513096
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 41.163 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 43 Resp: 142666
Ion Ratio Lower Upper
43 100
70 44.0 29.7 44.5
55 23.8 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.096 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

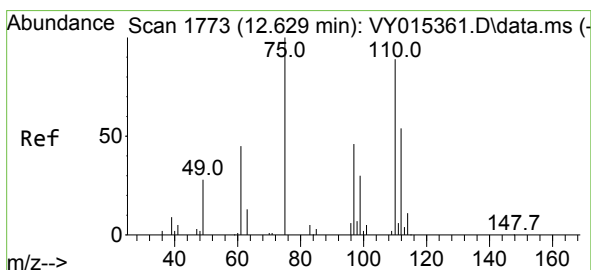
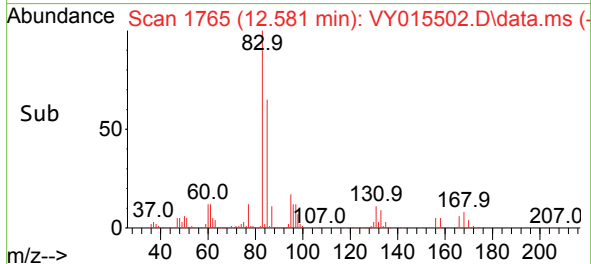
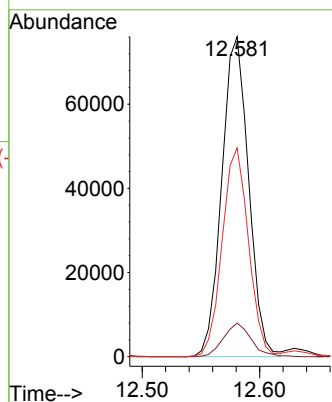
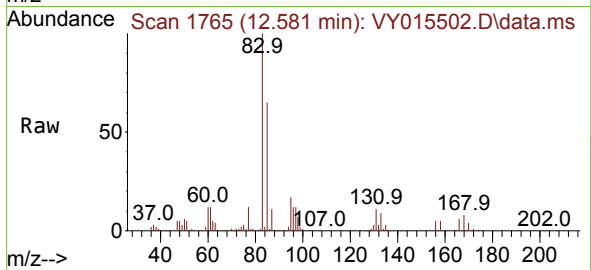
Tgt Ion: 83 Resp: 120907

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.069 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015502.D

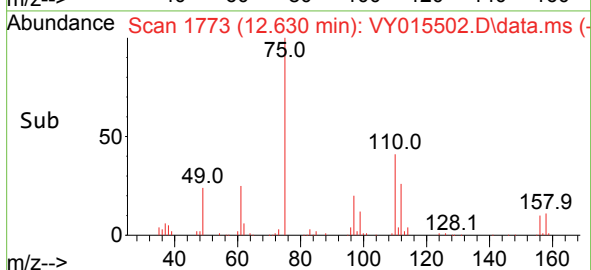
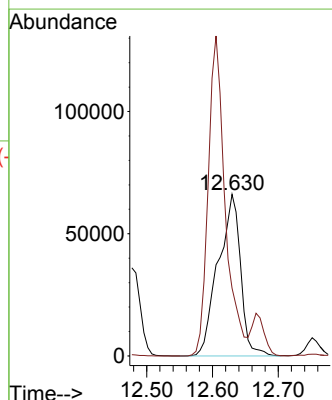
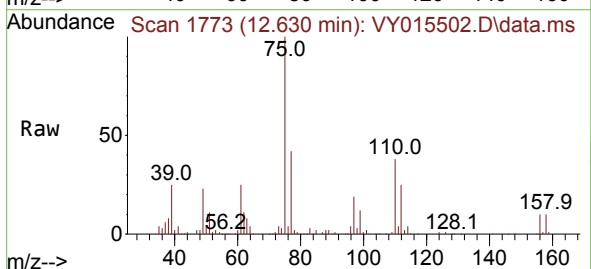
Acq: 11 Sep 2023 21:12

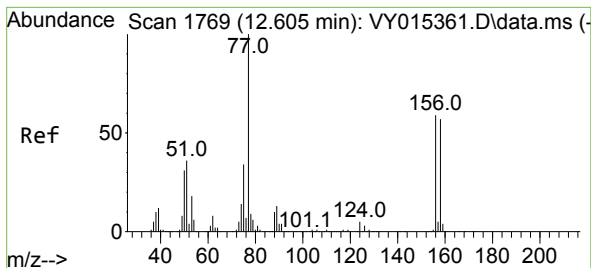
Tgt Ion: 75 Resp: 156757

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.761 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

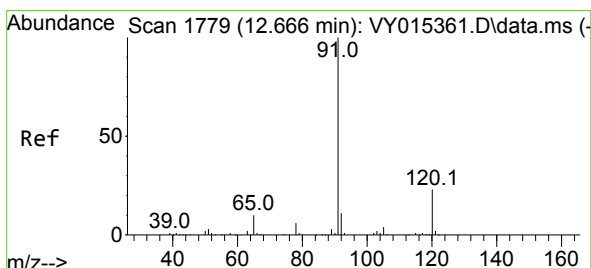
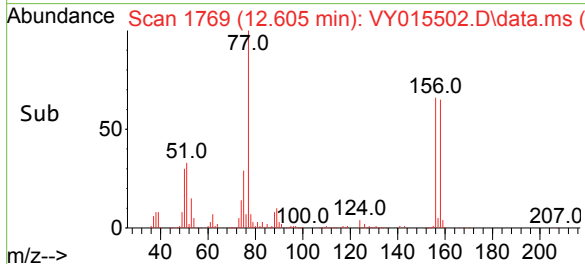
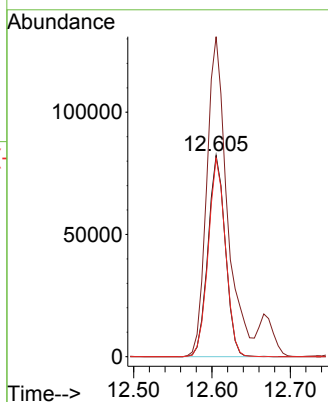
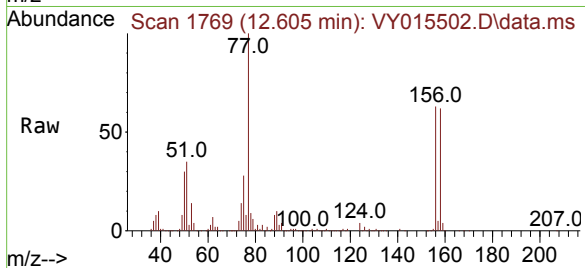
Tgt Ion:156 Resp: 126471

Ion Ratio Lower Upper

156 100

77 187.7 92.8 278.6

158 98.3 48.4 145.3



#78

n-propylbenzene

Concen: 48.673 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015502.D

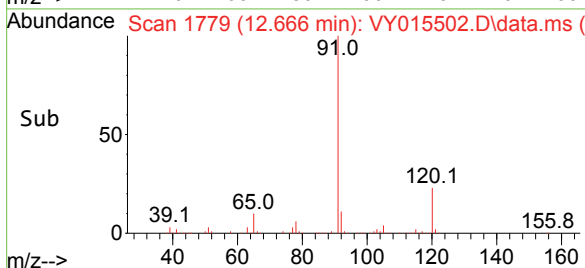
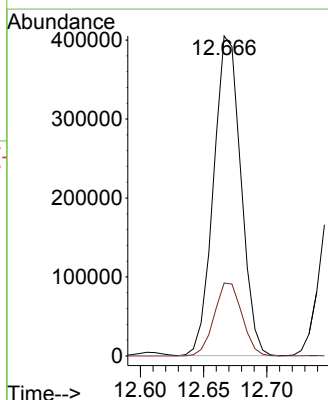
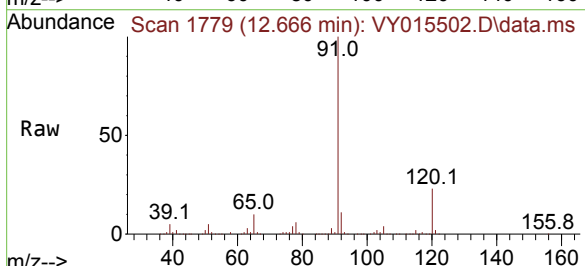
Acq: 11 Sep 2023 21:12

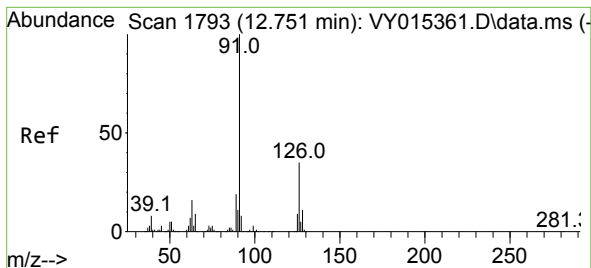
Tgt Ion: 91 Resp: 607574

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.490 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

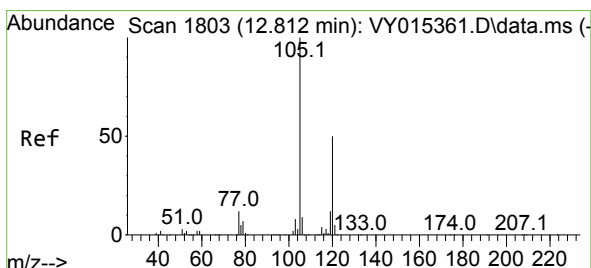
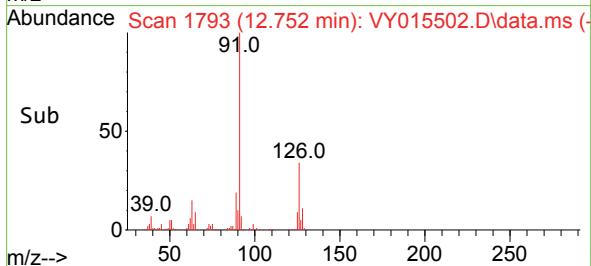
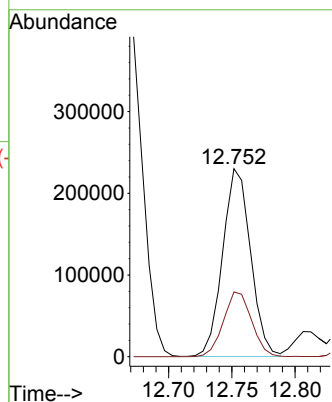
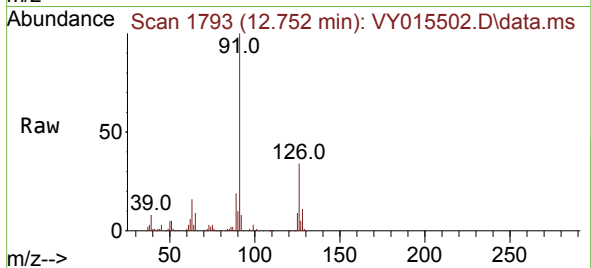
ClientSampleId :

Tgt Ion: 91 Resp: 353505

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.567 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015502.D

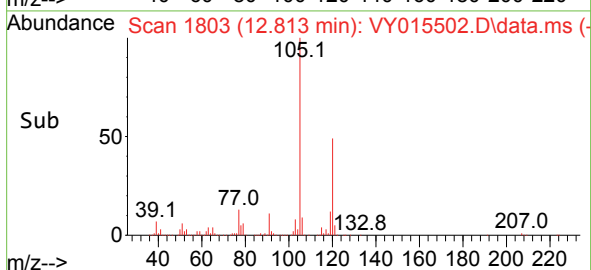
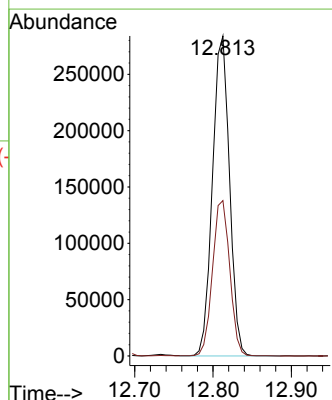
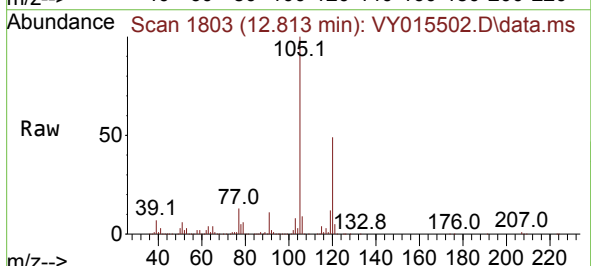
Acq: 11 Sep 2023 21:12

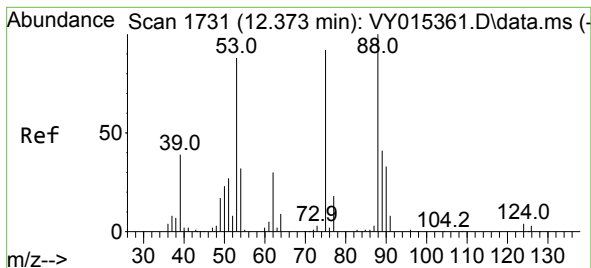
Tgt Ion: 105 Resp: 427701

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

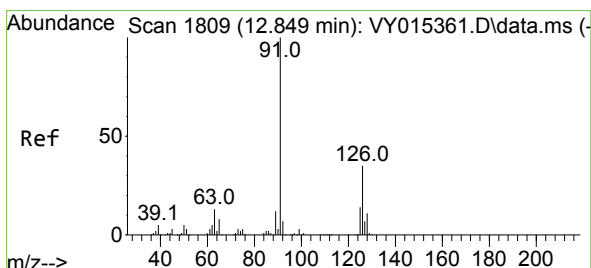
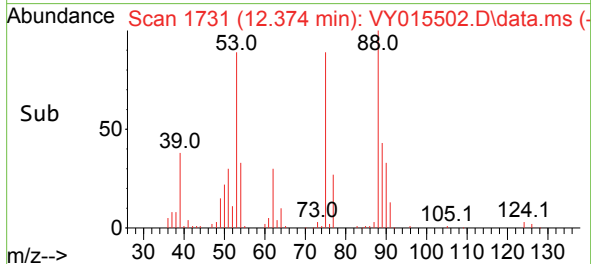
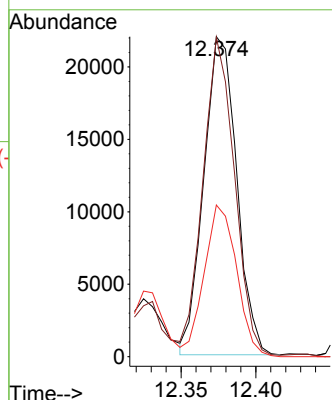
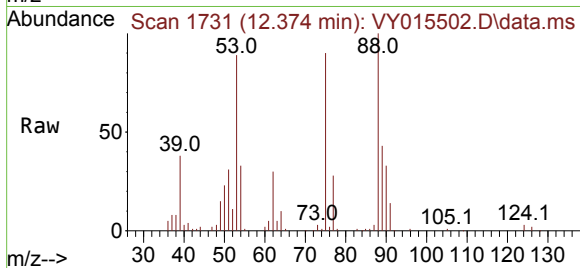




#81
trans-1,4-Dichloro-2-butene
Concen: 40.630 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

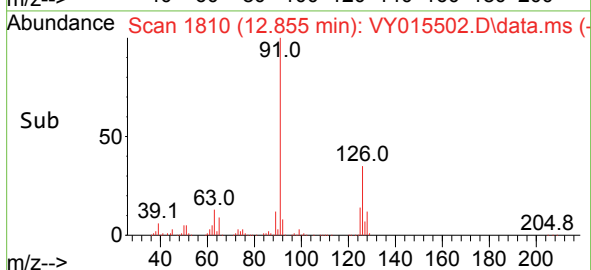
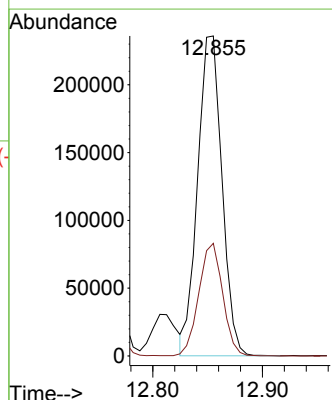
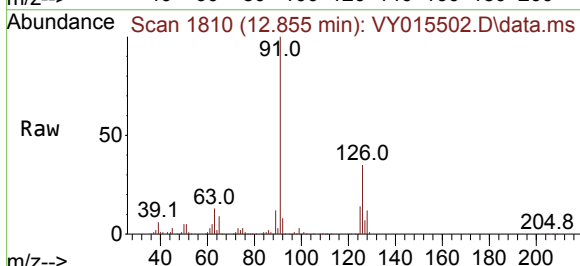
Instrument :
MSVOA_Y
ClientSampleId :

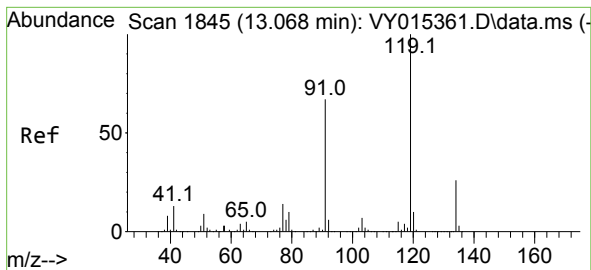
Tgt Ion: 75 Resp: 33546
Ion Ratio Lower Upper
75 100
53 95.9 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.053 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion: 91 Resp: 364216
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.004 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

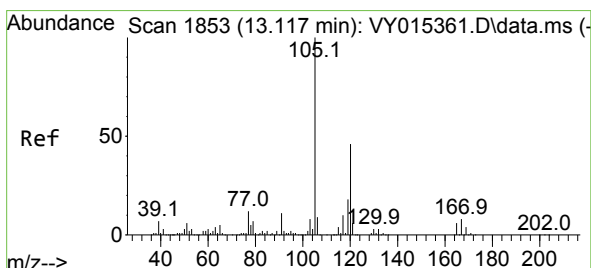
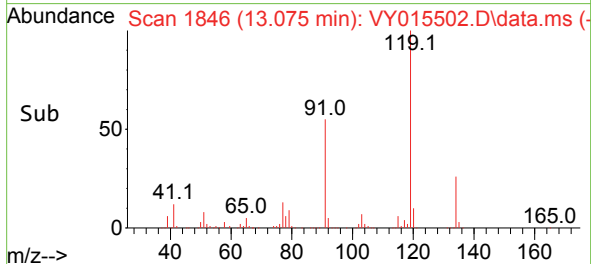
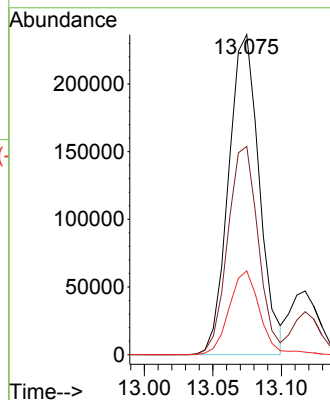
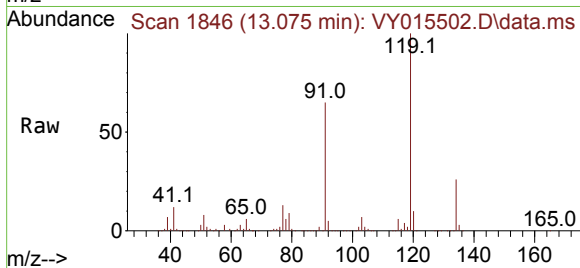
Tgt Ion:119 Resp: 370363

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.165 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015502.D

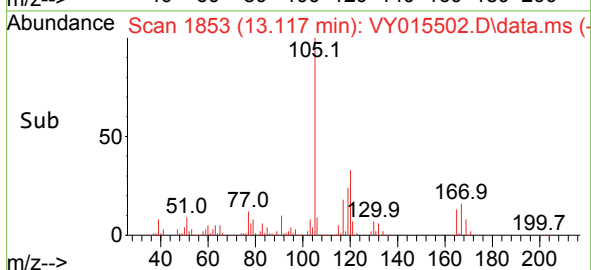
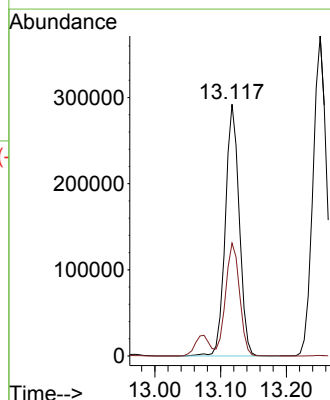
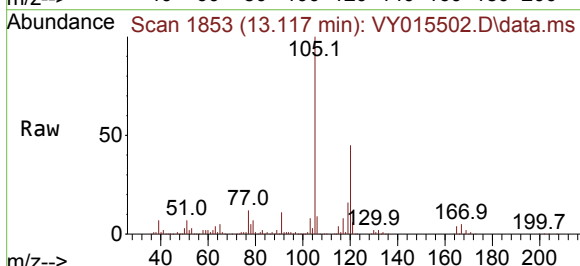
Acq: 11 Sep 2023 21:12

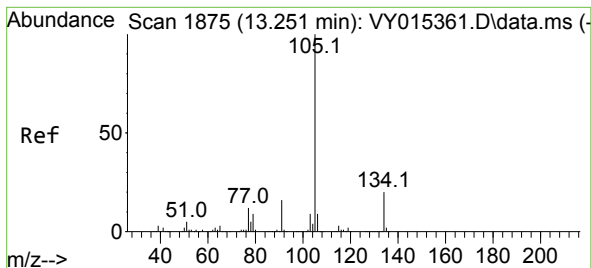
Tgt Ion:105 Resp: 429786

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.829 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

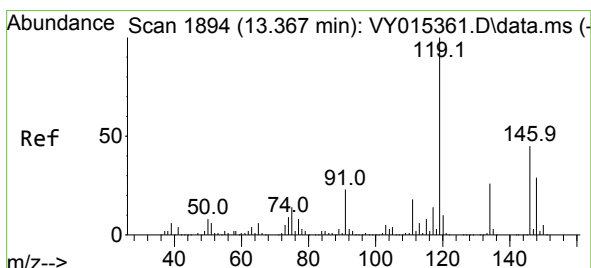
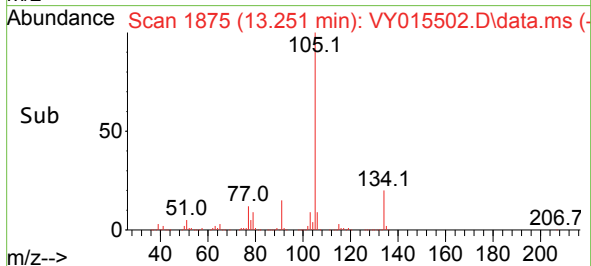
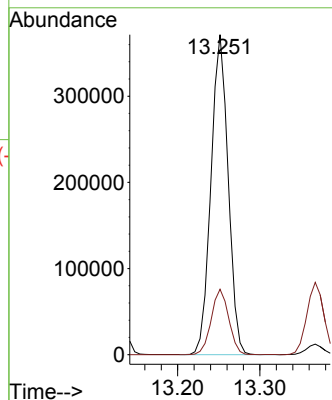
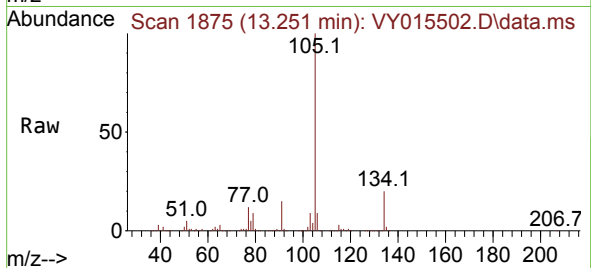
ClientSampleId :

Tgt Ion:105 Resp: 539158

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.146 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

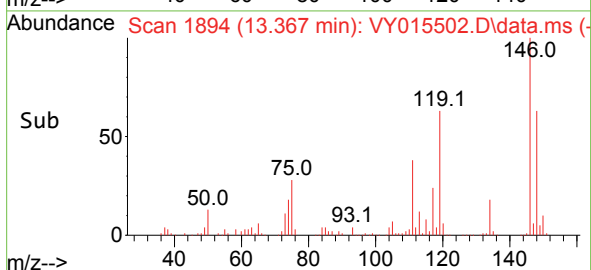
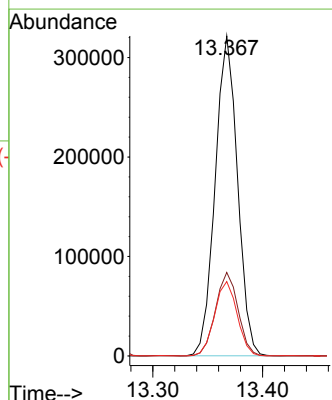
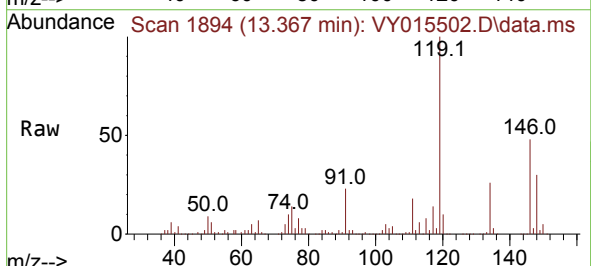
Tgt Ion:119 Resp: 454876

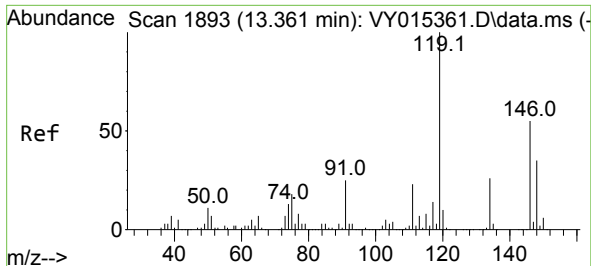
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.5 12.4 37.4

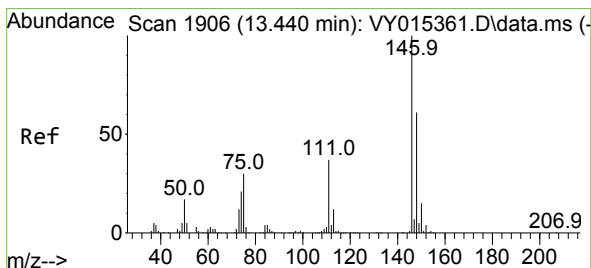
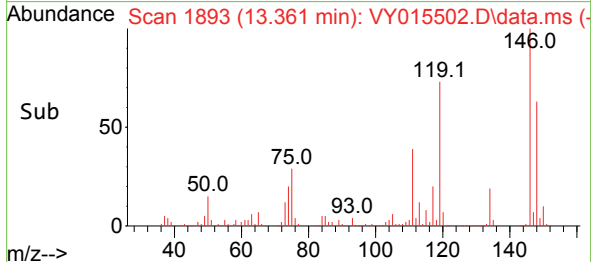
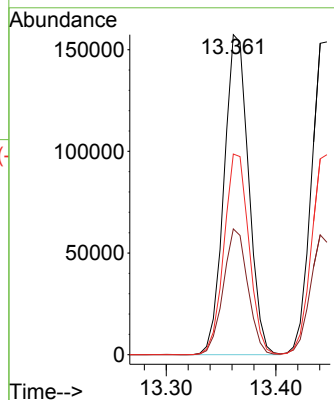
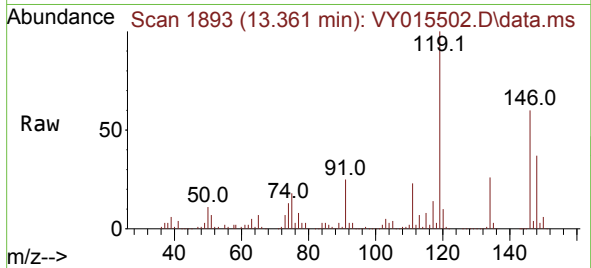




#87
1,3-Dichlorobenzene
Concen: 50.876 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

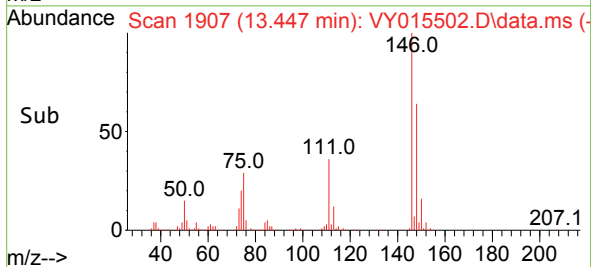
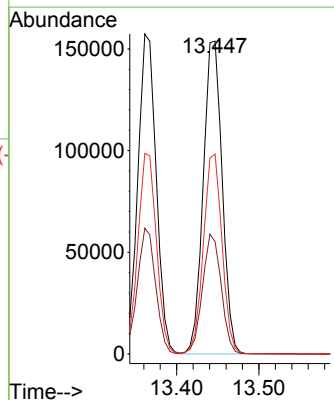
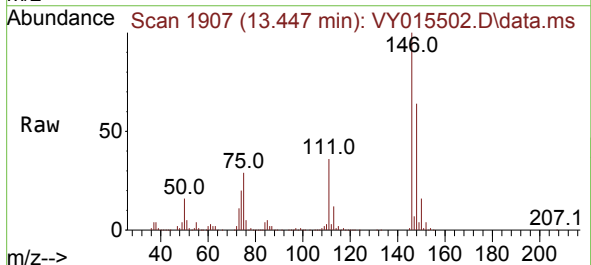
Instrument :
MSVOA_Y
ClientSampleId :

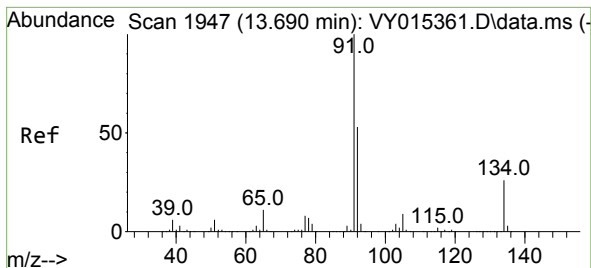
Tgt Ion:146 Resp: 245407
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.514 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015502.D
Acq: 11 Sep 2023 21:12

Tgt Ion:146 Resp: 246305
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 62.9 32.1 96.5





#89

n-Butylbenzene

Concen: 46.256 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

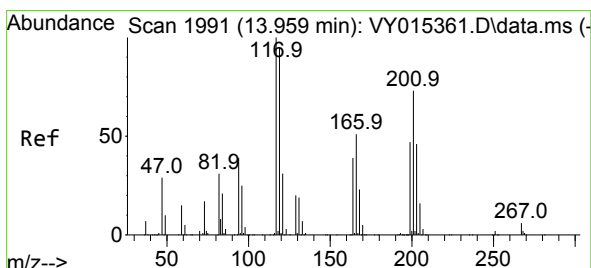
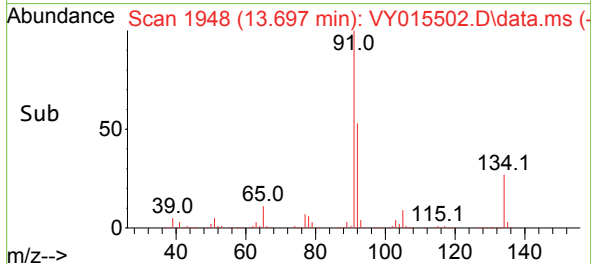
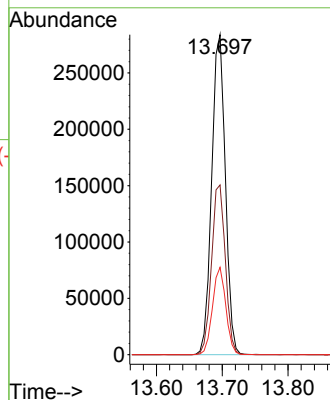
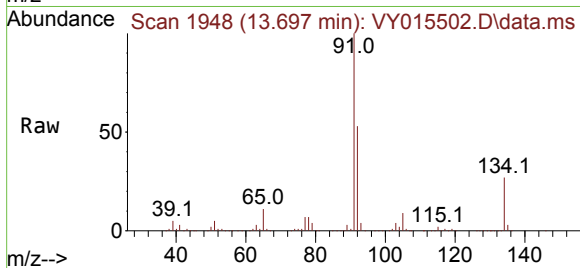
Tgt Ion: 91 Resp: 411327

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 50.441 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015502.D

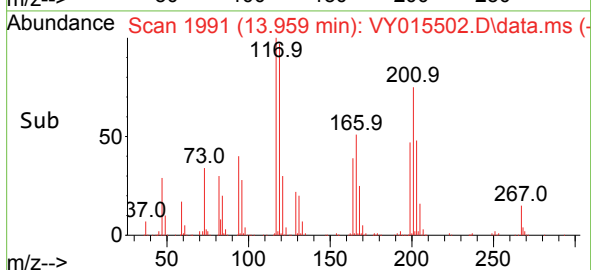
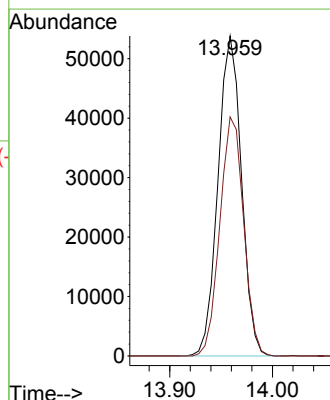
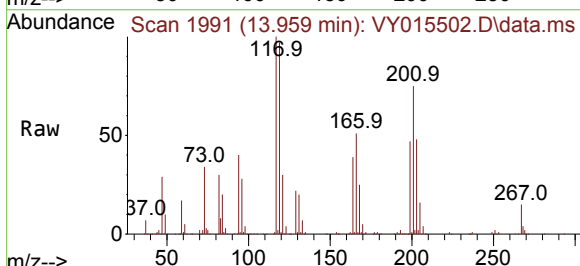
Acq: 11 Sep 2023 21:12

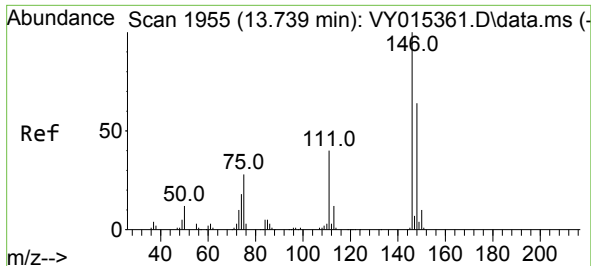
Tgt Ion: 117 Resp: 85232

Ion Ratio Lower Upper

117 100

201 75.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.616 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

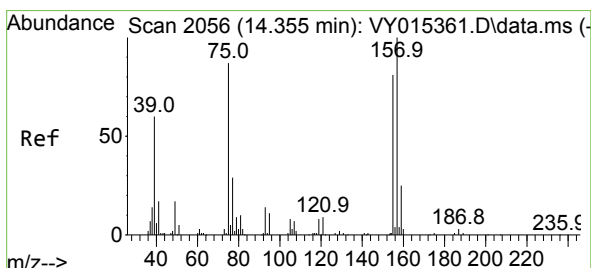
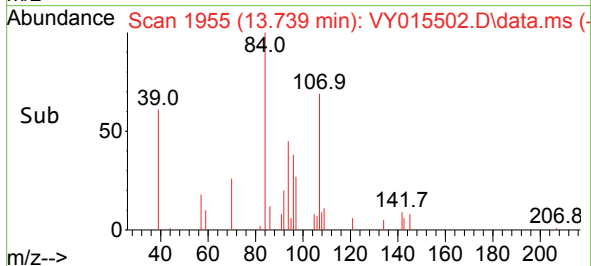
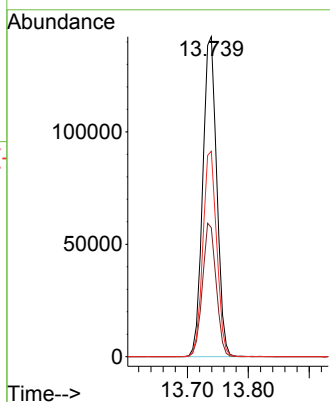
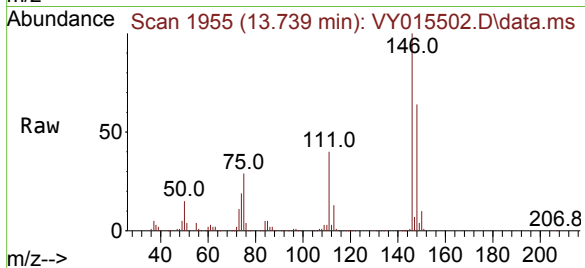
Tgt Ion:146 Resp: 227216

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.957 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

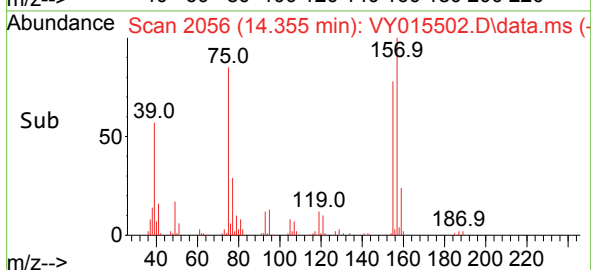
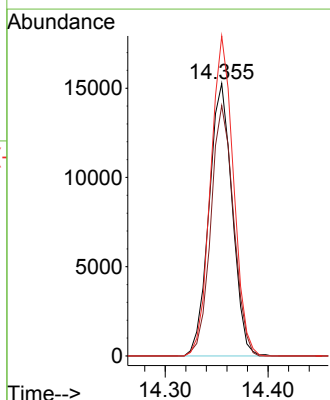
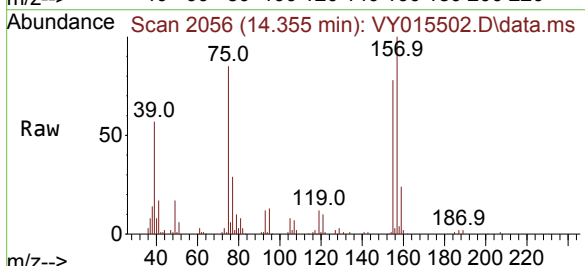
Tgt Ion: 75 Resp: 23850

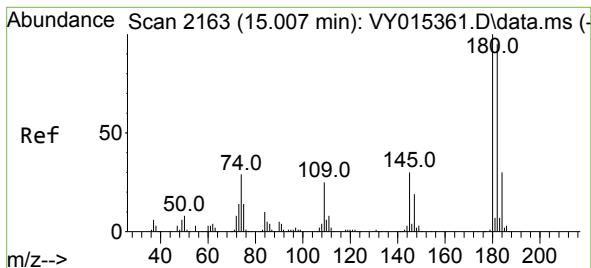
Ion Ratio Lower Upper

75 100

155 90.2 41.5 124.6

157 115.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.307 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

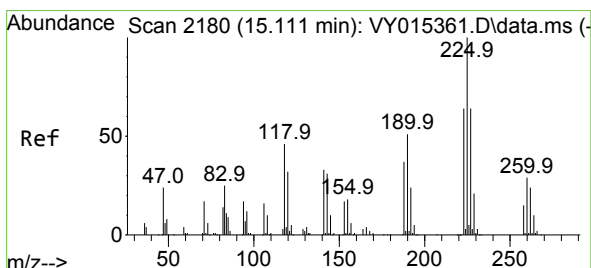
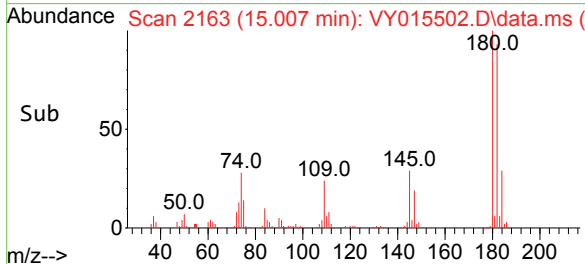
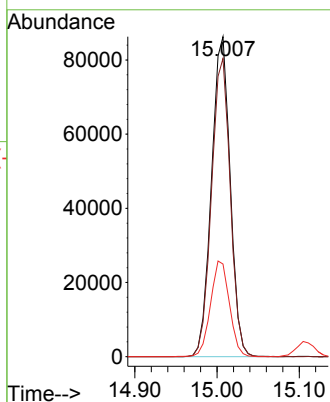
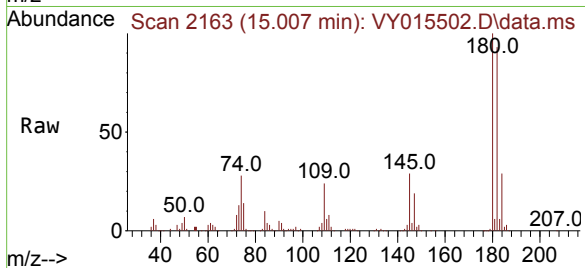
Tgt Ion:180 Resp: 136308

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 44.576 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

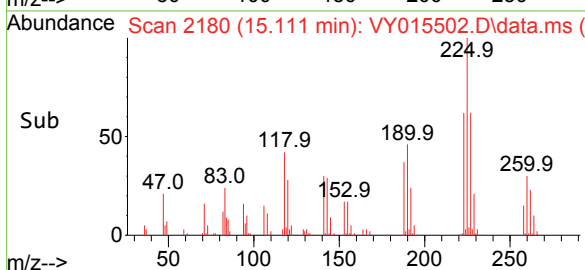
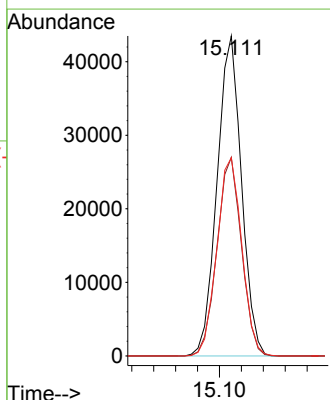
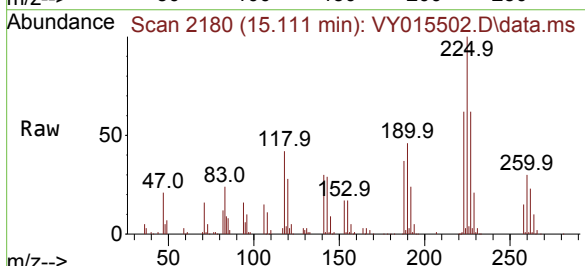
Tgt Ion:225 Resp: 67196

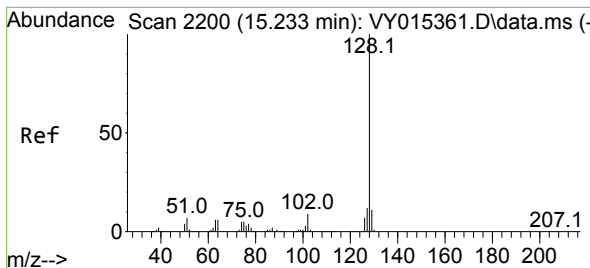
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 50.827 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

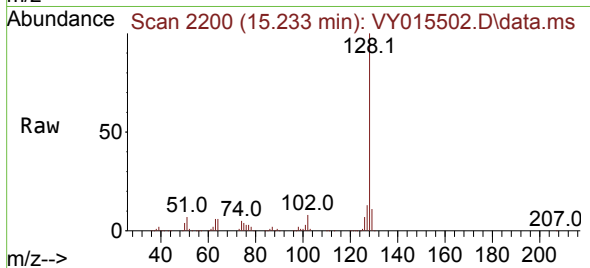
Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :



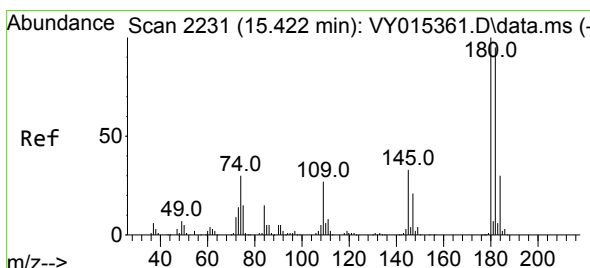
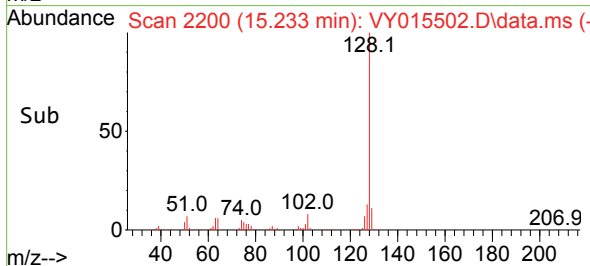
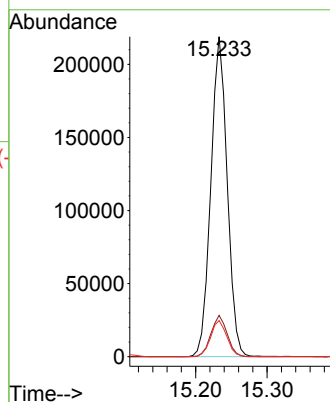
Tgt Ion:128 Resp: 348062

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.218 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015502.D

Acq: 11 Sep 2023 21:12

Tgt Ion:180 Resp: 124109

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.1 15.4 46.2

