

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015481.D
 Acq On : 11 Sep 2023 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:14:45 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	7.782	168	198240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90954	42.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.600%
35) Dibromofluoromethane	7.709	113	84024	45.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.520%
50) Toluene-d8	10.178	98	286514	42.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.240%
62) 4-Bromofluorobenzene	12.483	95	109464	43.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.899	85	81707	47.415	ug/l	97
3) Chloromethane	2.107	50	107735	47.076	ug/l	100
4) Vinyl Chloride	2.247	62	125800	47.226	ug/l	95
5) Bromomethane	2.637	94	95890	50.592	ug/l	98
6) Chloroethane	2.783	64	86086	49.167	ug/l	97
7) Trichlorofluoromethane	3.119	101	185638	49.268	ug/l	100
8) Diethyl Ether	3.527	74	65718	51.035	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	104213	49.901	ug/l	96
10) Methyl Iodide	4.082	142	128966	52.586	ug/l	99
11) Tert butyl alcohol	4.960	59	100665	210.270	ug/l #	81
12) 1,1-Dichloroethene	3.862	96	97591	49.523	ug/l	95
13) Acrolein	3.722	56	135273	230.099	ug/l	100
14) Allyl chloride	4.472	41	160212	51.062	ug/l	97
15) Acrylonitrile	5.155	53	214890	265.202	ug/l	99
16) Acetone	3.942	43	255529	288.080	ug/l	94
17) Carbon Disulfide	4.186	76	264450	44.888	ug/l	98
18) Methyl Acetate	4.472	43	169478	52.751	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	338786	52.895	ug/l	98
20) Methylene Chloride	4.710	84	116152	39.130	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	112256	49.469	ug/l	99
22) Diisopropyl ether	6.112	45	357878	52.153	ug/l	93
23) Vinyl Acetate	6.051	43	1155447	266.687	ug/l #	95
24) 1,1-Dichloroethane	6.008	63	202909	51.152	ug/l	97
25) 2-Butanone	6.978	43	344654	273.955	ug/l	97
26) 2,2-Dichloropropane	6.978	77	185788	55.143	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	132245	51.371	ug/l	94
28) Bromochloromethane	7.325	49	51172	42.067	ug/l	96
29) Tetrahydrofuran	7.344	42	209169	264.759	ug/l	91
30) Chloroform	7.502	83	217898	52.253	ug/l	95
31) Cyclohexane	7.782	56	170490	45.164	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	194203	52.139	ug/l	98
36) 1,1-Dichloropropene	7.917	75	159991	49.081	ug/l	99
37) Ethyl Acetate	7.069	43	132209	52.588	ug/l #	96
38) Carbon Tetrachloride	7.892	117	176641	52.468	ug/l	99
39) Methylcyclohexane	9.179	83	190441	46.406	ug/l	93
40) Benzene	8.154	78	462558	50.861	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	185289	157.166	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	153738	50.695	ug/l	94
43) Isopropyl Acetate	8.270	43	234864	54.025	ug/l	97
44) Trichloroethene	8.935	130	133193	51.763	ug/l	96
45) 1,2-Dichloropropane	9.215	63	116180	50.675	ug/l	97
46) Dibromomethane	9.301	93	77845	51.116	ug/l	98
47) Bromodichloromethane	9.496	83	175385	53.852	ug/l	99
48) Methyl methacrylate	9.288	41	102936	51.607	ug/l	91
49) 1,4-Dioxane	9.294	88	30143	1065.604	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	691618	273.716	ug/l	93
52) Toluene	10.239	92	299944	51.457	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	191699	55.386	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	203207	53.972	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	110328	53.767	ug/l	95
56) Ethyl methacrylate	10.508	69	169371	55.699	ug/l	90
57) 1,3-Dichloropropane	10.788	76	186601	52.828	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	241820	222.799	ug/l	94
59) 2-Hexanone	10.831	43	537961	283.740	ug/l	92
60) Dibromochloromethane	10.983	129	131303	54.670	ug/l	99
61) 1,2-Dibromoethane	11.087	107	110331	53.063	ug/l	100
64) Tetrachloroethene	10.721	164	138357	53.044	ug/l	98
65) Chlorobenzene	11.514	112	329672	53.238	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	126575	55.846	ug/l	99
67) Ethyl Benzene	11.593	91	589502	53.016	ug/l	99
68) m/p-Xylenes	11.703	106	455250	105.626	ug/l	96
69) o-Xylene	12.026	106	220287	53.480	ug/l	98
70) Styrene	12.044	104	379201	54.751	ug/l	97
71) Bromoform	12.209	173	94328	59.662	ug/l #	98
73) Isopropylbenzene	12.330	105	583549	52.543	ug/l	100
74) N-amyl acetate	12.141	43	211286	56.626	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	145620	54.925	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	196945	100.443	ug/l #	100
77) Bromobenzene	12.605	156	142087	54.016	ug/l	97
78) n-propylbenzene	12.672	91	706205	52.550	ug/l	99
79) 2-Chlorotoluene	12.757	91	392782	52.109	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	488511	52.587	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	52360	58.906	ug/l	96
82) 4-Chlorotoluene	12.855	91	416082	53.114	ug/l	100
83) tert-Butylbenzene	13.074	119	426882	52.465	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	485430	52.630	ug/l	98
85) sec-Butylbenzene	13.251	105	630871	51.984	ug/l	100
86) p-Isopropyltoluene	13.367	119	531756	52.280	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	277127	53.365	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	278951	53.140	ug/l	99
89) n-Butylbenzene	13.696	91	492674	51.463	ug/l	96
90) Hexachloroethane	13.958	117	98431	54.109	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	252333	53.245	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	30338	57.846	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	160606	53.964	ug/l	98
94) Hexachlorobutadiene	15.110	225	80698	49.725	ug/l	99
95) Naphthalene	15.232	128	424152	57.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	148463	54.689	ug/l	99

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QLast Update : Thu Aug 31 20:01:47 2023
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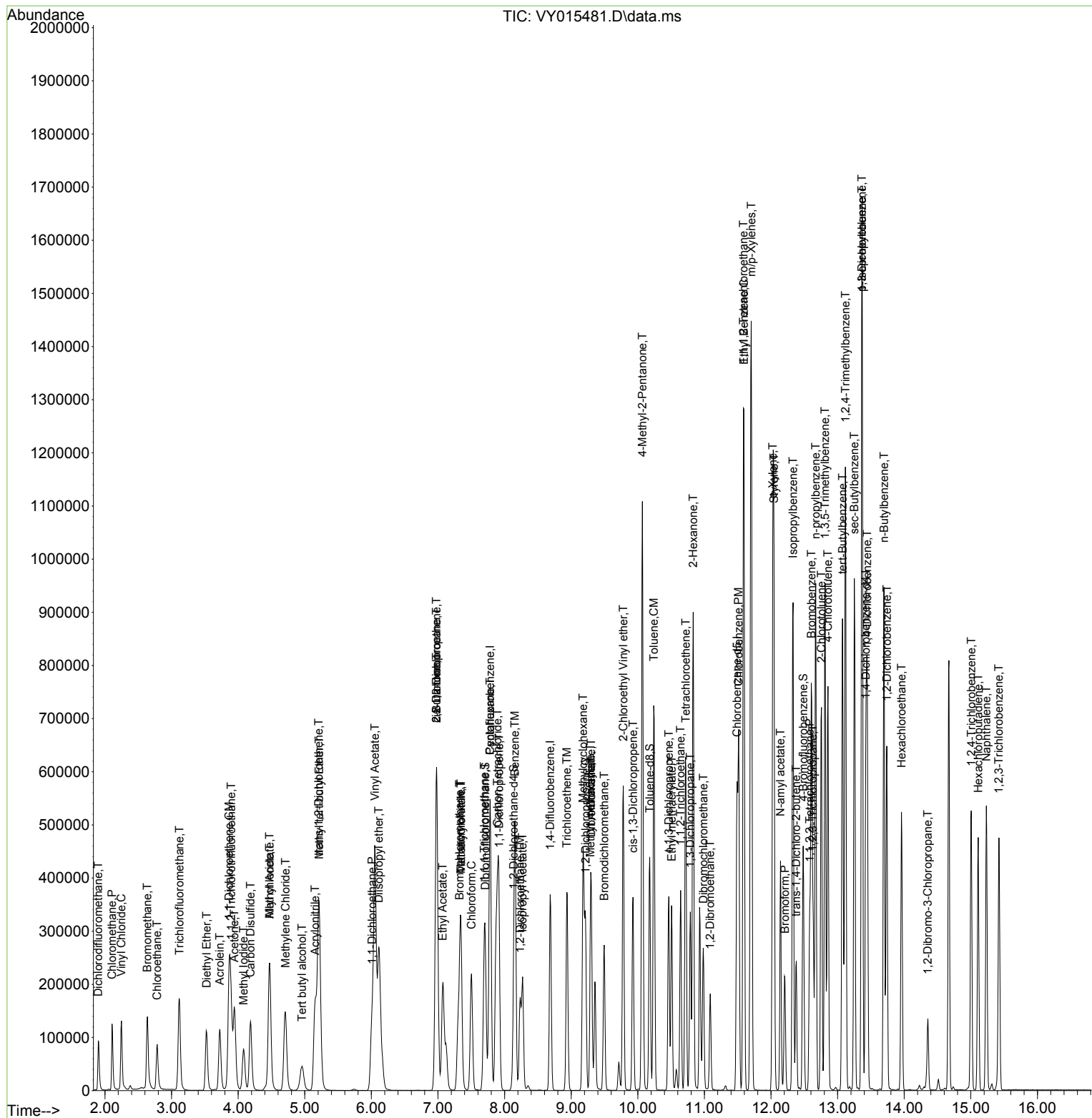
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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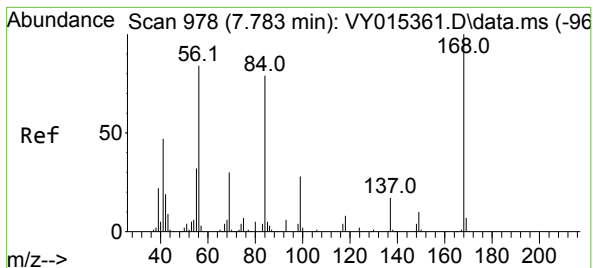
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.001 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

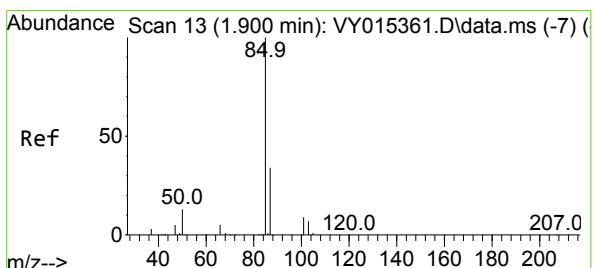
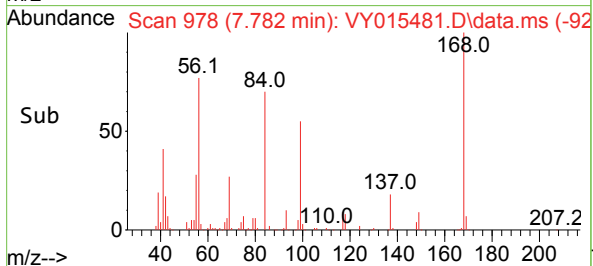
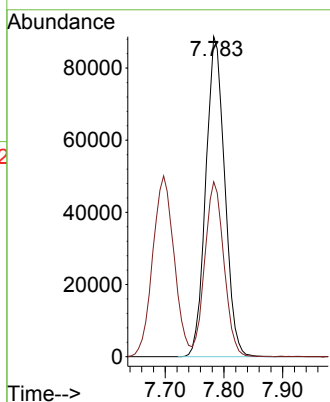
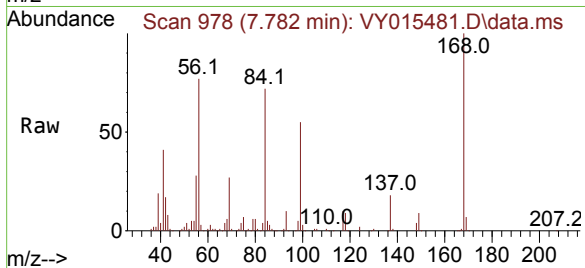
ClientSampleId :

Tgt Ion:168 Resp: 198240

Ion Ratio Lower Upper

168 100

99 54.6 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 47.415 ug/l

RT: 1.899 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015481.D

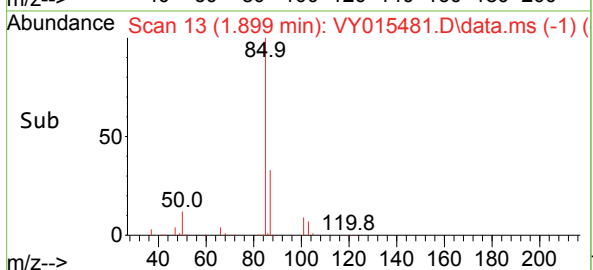
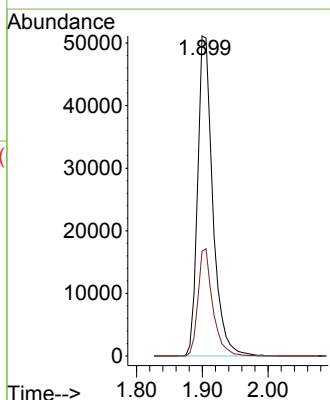
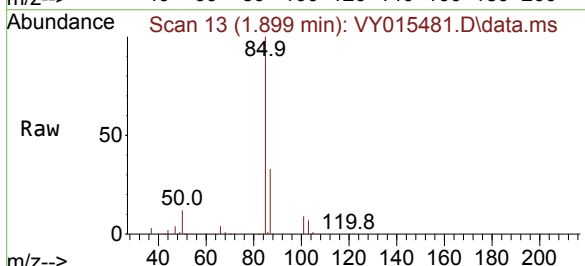
Acq: 11 Sep 2023 10:54

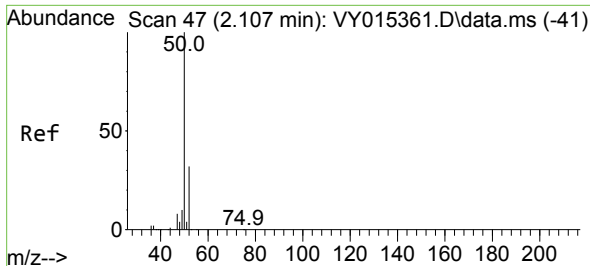
Tgt Ion: 85 Resp: 81707

Ion Ratio Lower Upper

85 100

87 32.7 15.6 46.8

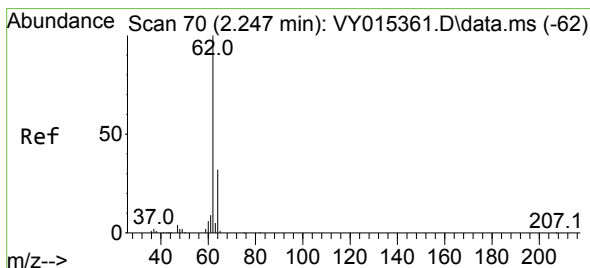
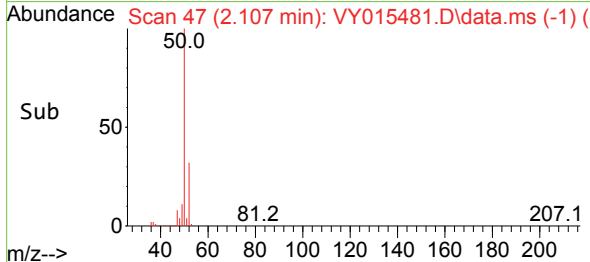
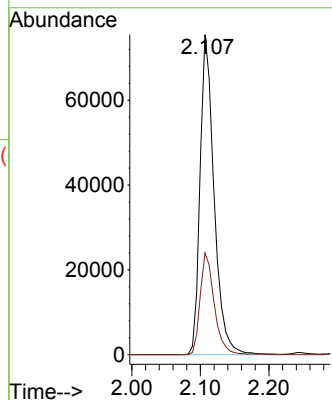
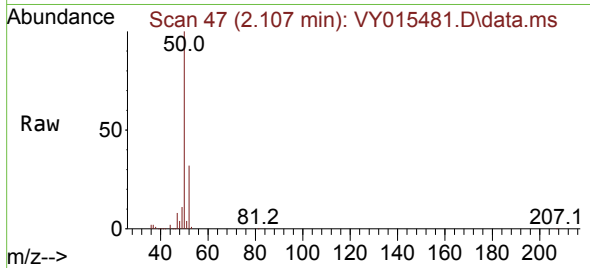




#3
Chloromethane
Concen: 47.076 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

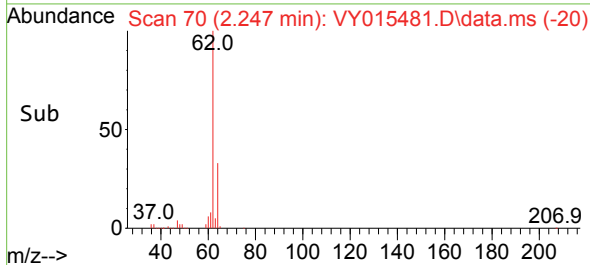
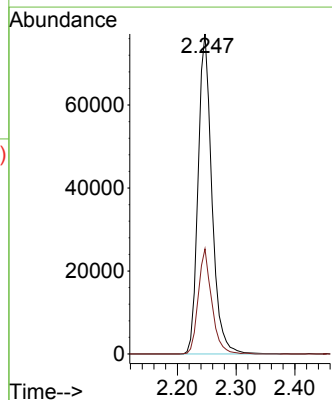
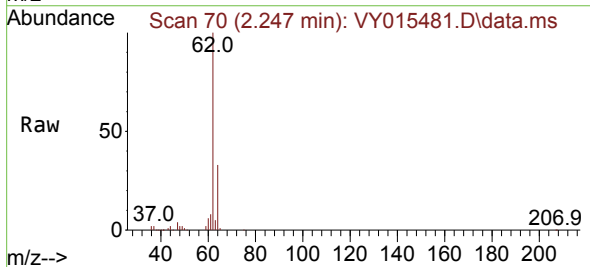
Instrument :
MSVOA_Y
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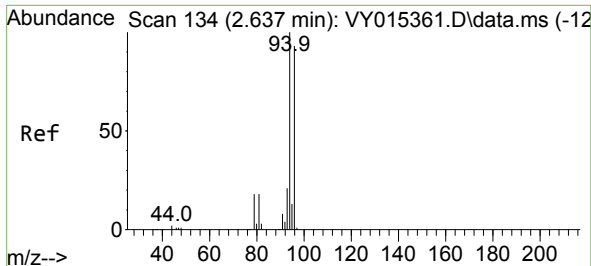
Tgt Ion: 50 Resp: 107735
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 47.226 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 62 Resp: 125800
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5

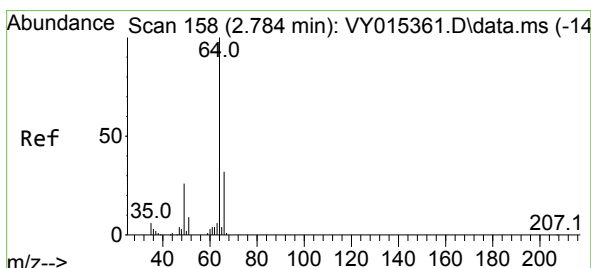
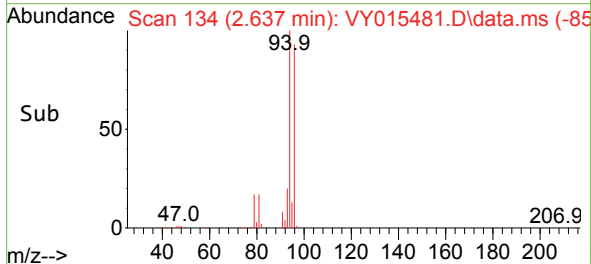
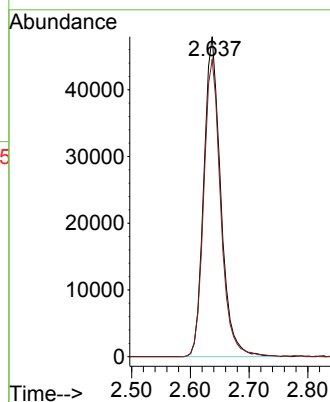
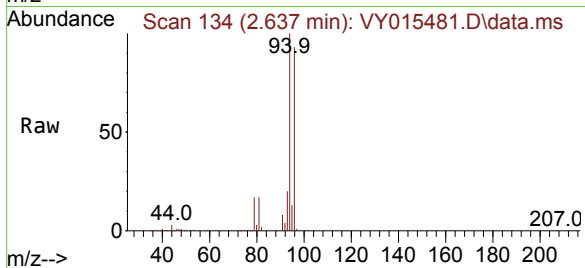




#5
Bromomethane
Concen: 50.592 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015481.D
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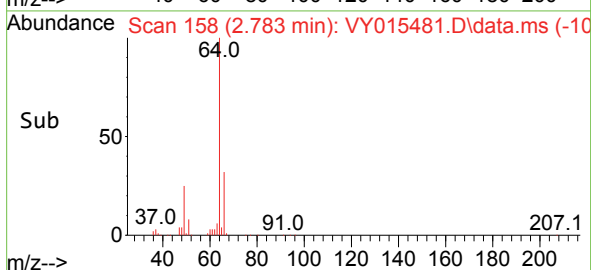
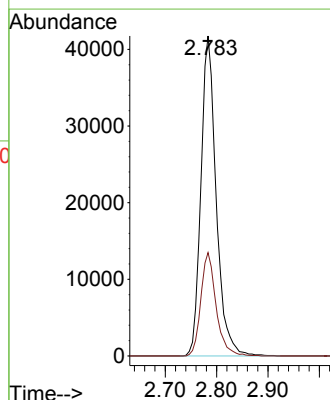
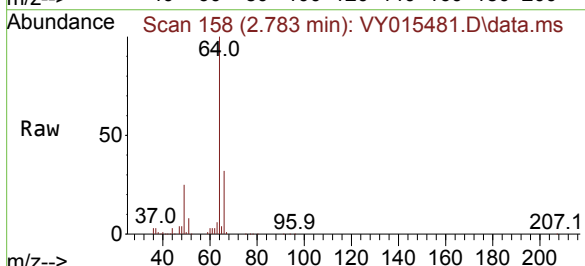
Instrument :
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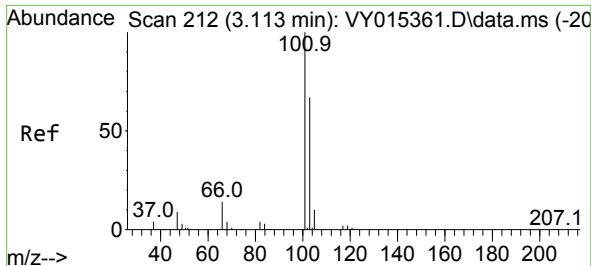
Tgt Ion: 94 Resp: 95890
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 49.167 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 64 Resp: 86086
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

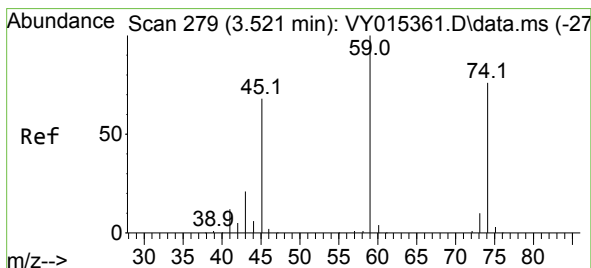
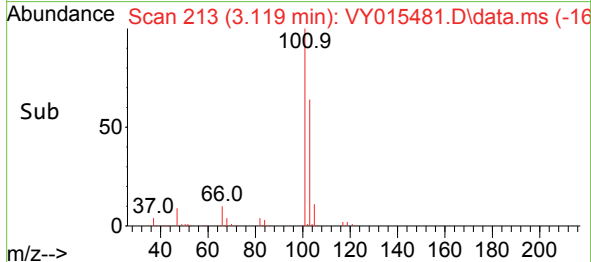
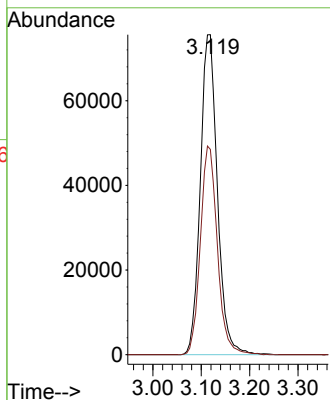
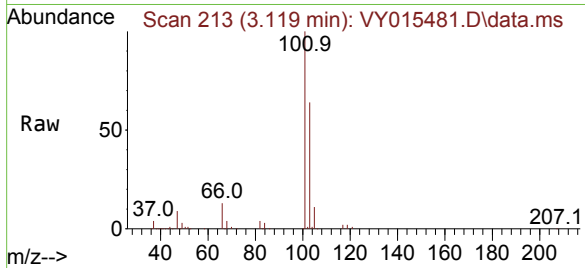




#7
 Trichlorofluoromethane
 Concen: 49.268 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015481.D
 Acq: 11 Sep 2023 10:54

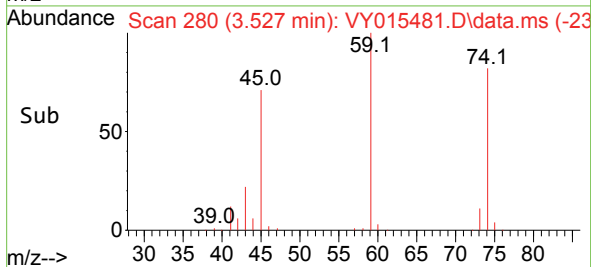
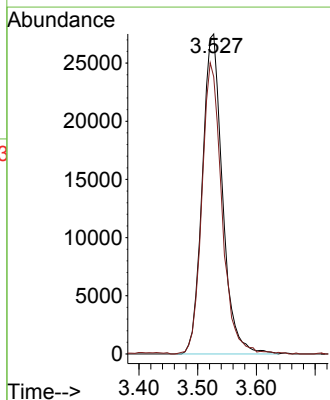
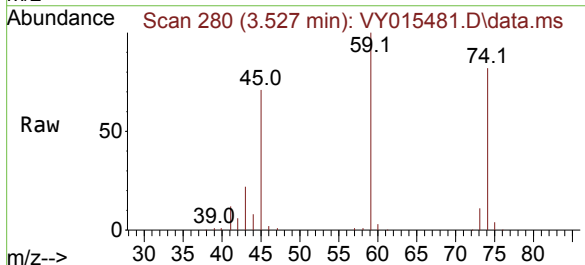
Instrument :
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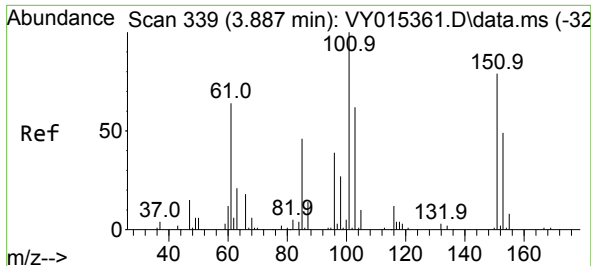
Tgt Ion:101 Resp: 185638
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.035 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015481.D
 Acq: 11 Sep 2023 10:54

Tgt Ion: 74 Resp: 65718
 Ion Ratio Lower Upper
 74 100
 45 90.5 51.5 154.5

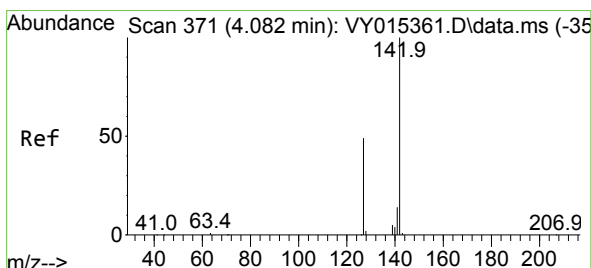
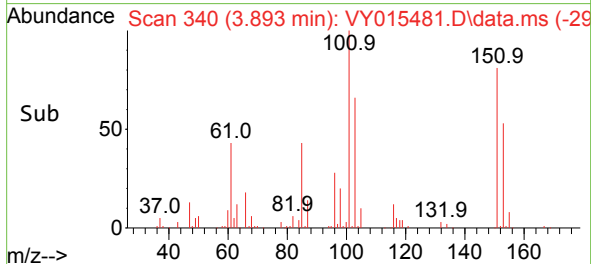
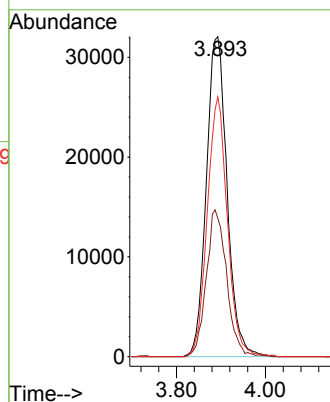
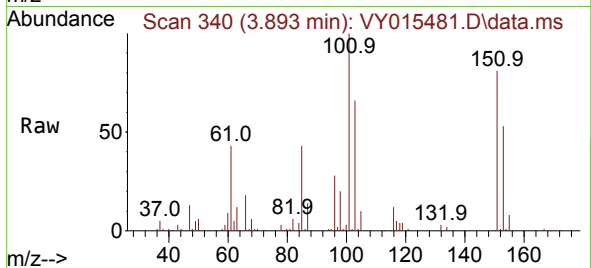




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.901 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

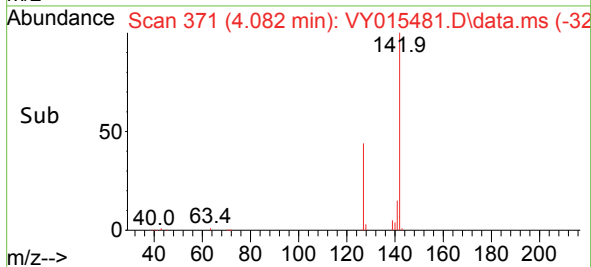
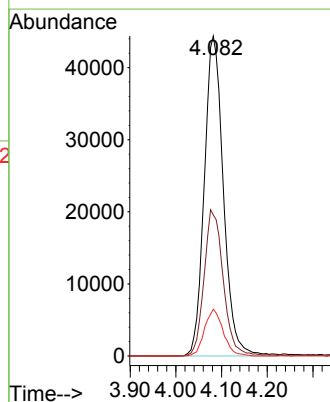
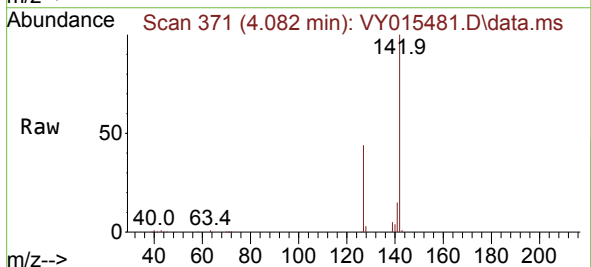
Instrument :
MSVOA_Y
ClientSampleId :

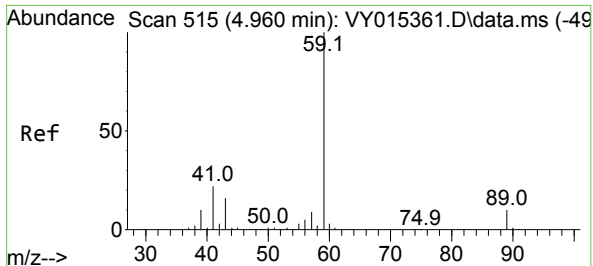
Tgt Ion:101 Resp: 104213
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 52.586 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion:142 Resp: 128966
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.2 11.8 17.8

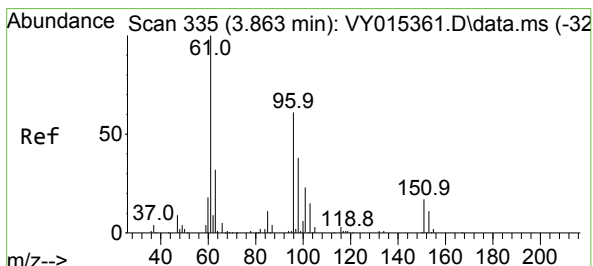
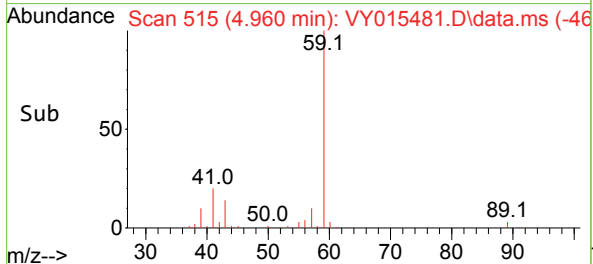
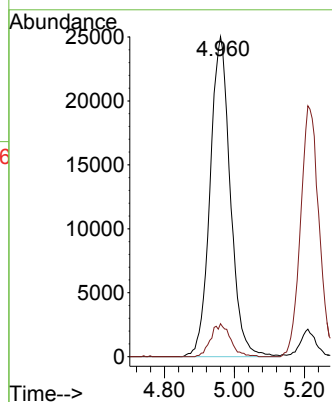
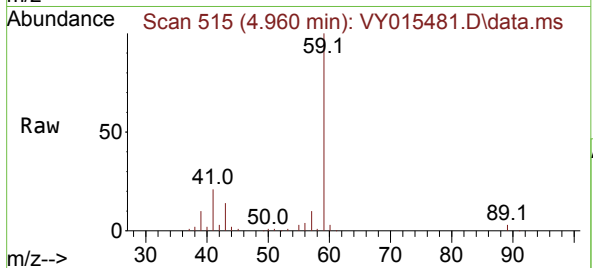




#11
Tert butyl alcohol
Concen: 210.270 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

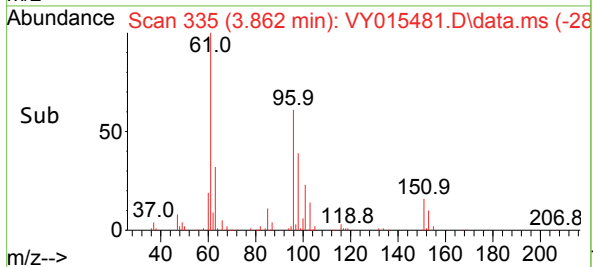
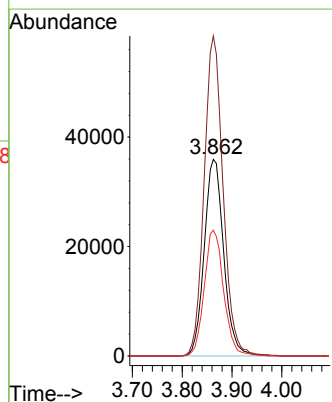
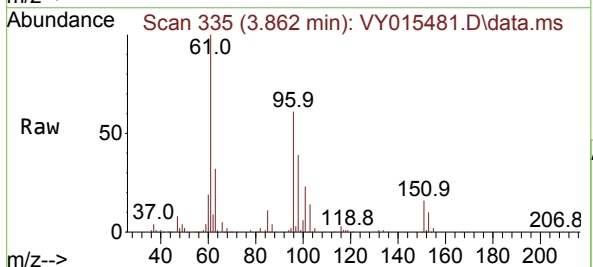
Instrument :
MSVOA_Y
ClientSampleId :

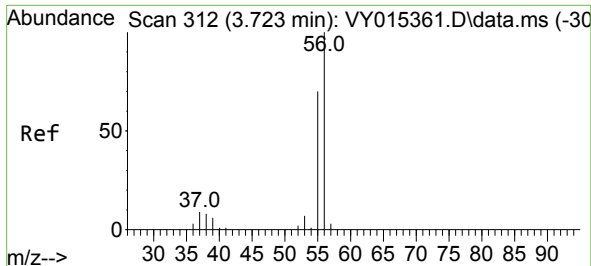
Tgt Ion: 59 Resp: 100665
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.523 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

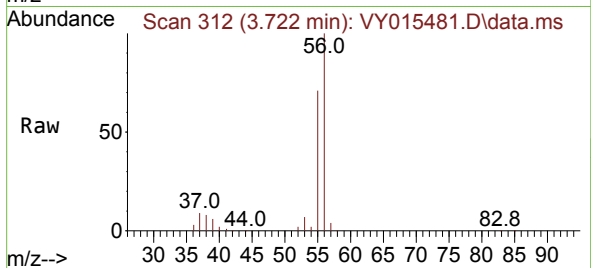
Tgt Ion: 96 Resp: 97591
Ion Ratio Lower Upper
96 100
61 162.7 136.4 204.6
98 63.9 49.4 74.2



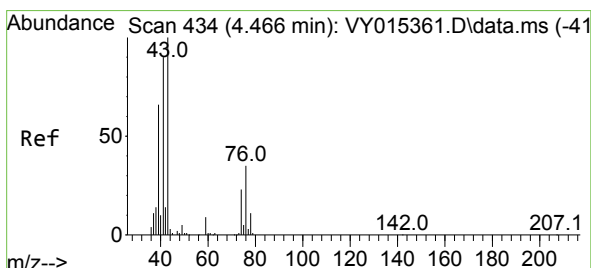
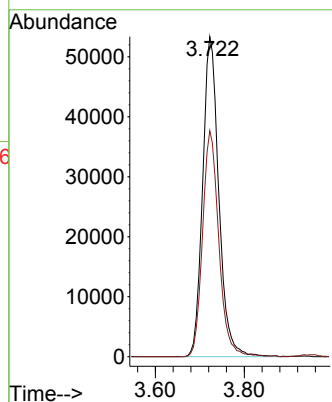
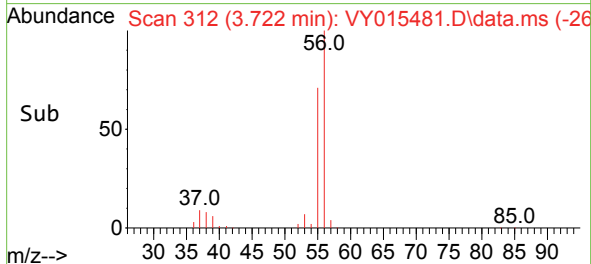


#13
Acrolein
Concen: 230.099 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

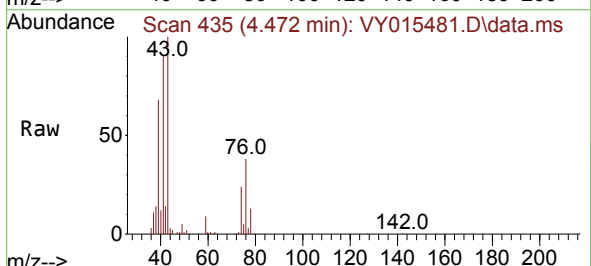
Instrument :
MSVOA_Y
ClientSampleId :



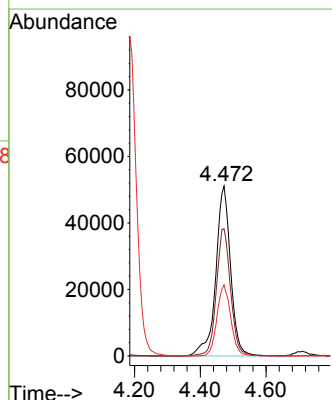
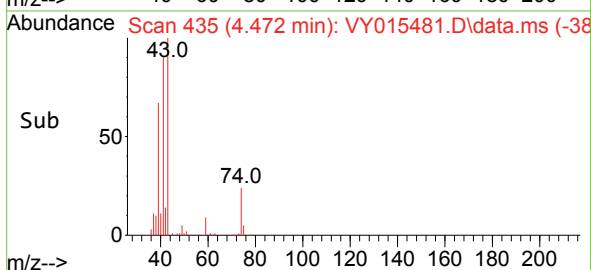
Tgt Ion: 56 Resp: 135273
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4

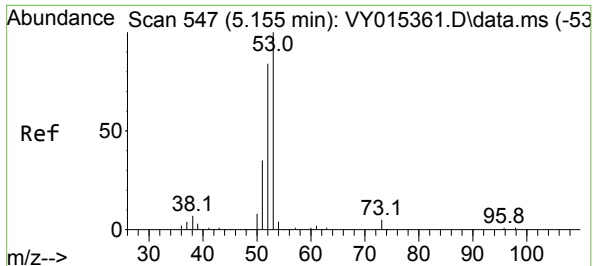


#14
Allyl chloride
Concen: 51.062 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54



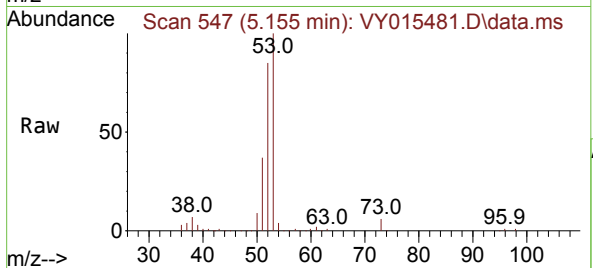
Tgt Ion: 41 Resp: 160212
Ion Ratio Lower Upper
41 100
39 71.5 58.0 87.0
76 38.8 27.4 41.2



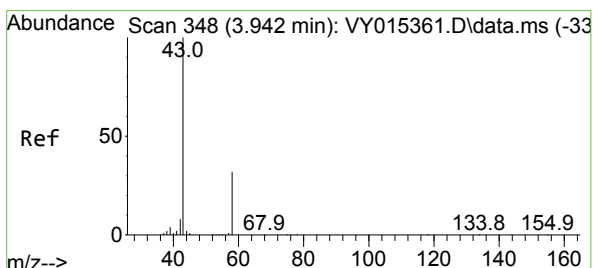
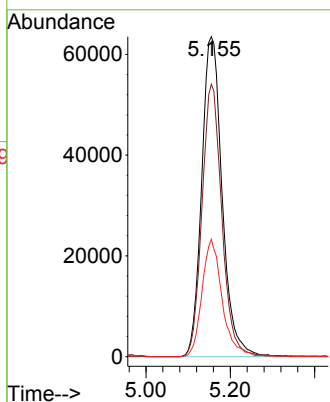
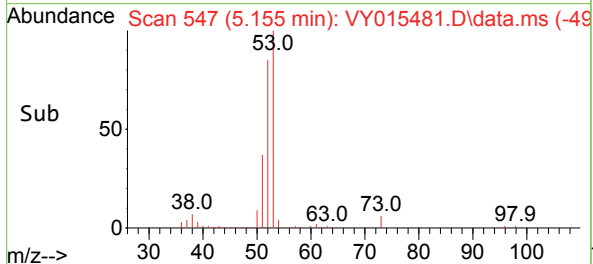


#15
Acrylonitrile
Concen: 265.202 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Instrument :
MSVOA_Y
ClientSampleId :

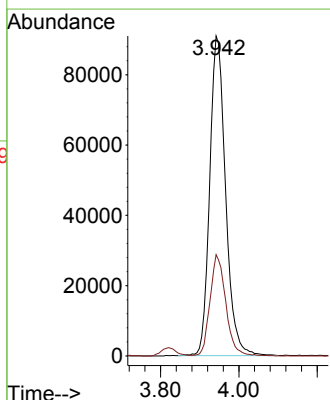
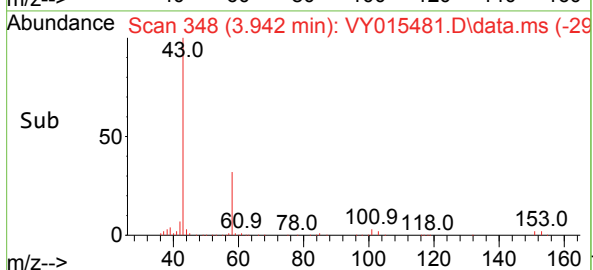
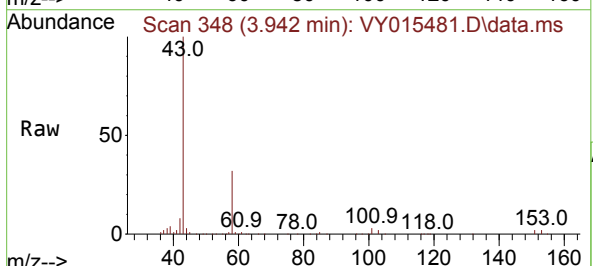


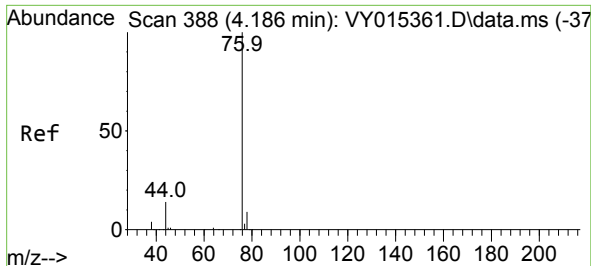
Tgt Ion:	53	Resp:	214890
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.9	100.3
51	36.1	29.8	44.6



#16
Acetone
Concen: 288.080 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion:	43	Resp:	255529
Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.7	34.1

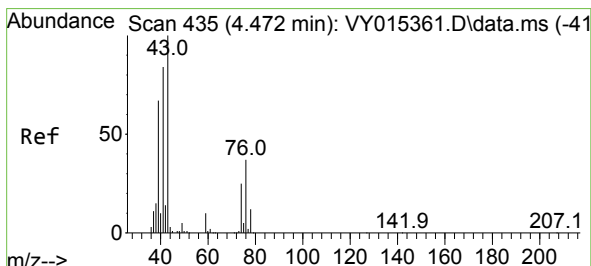
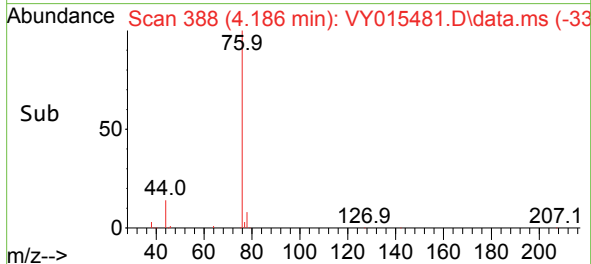
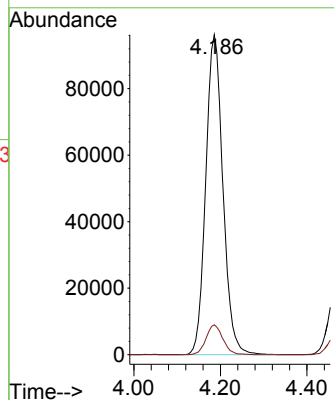
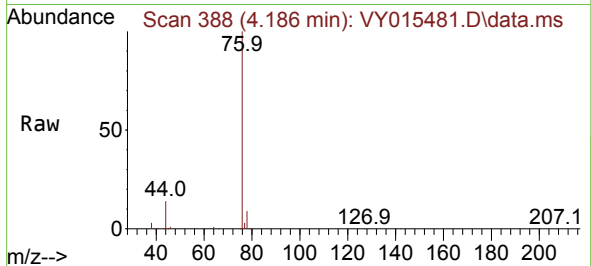




#17
Carbon Disulfide
Concen: 44.888 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

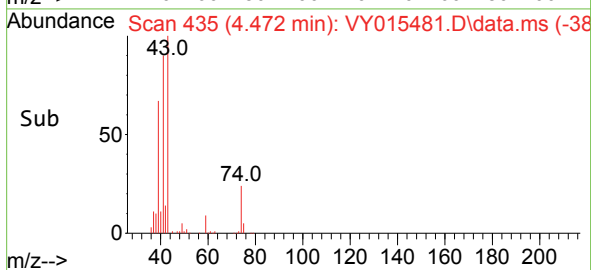
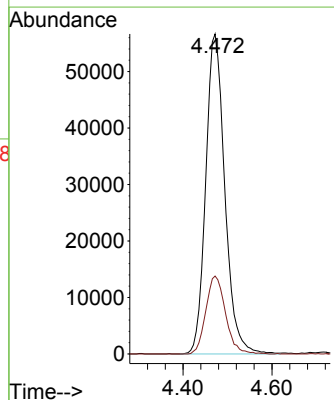
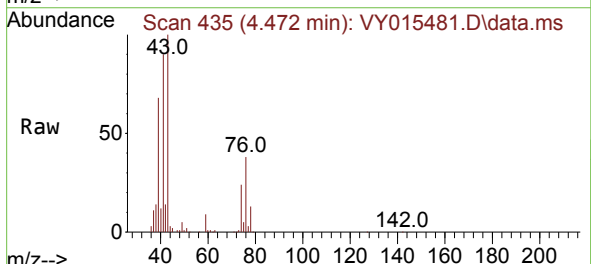
Instrument :
MSVOA_Y
ClientSampleId :

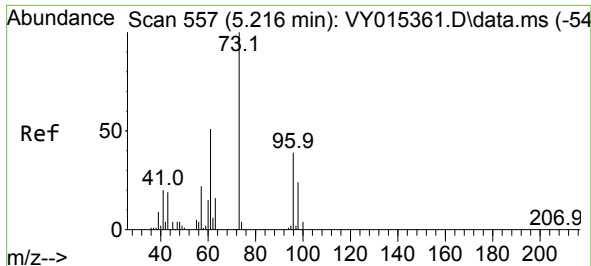
Tgt Ion: 76 Resp: 264450
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 52.751 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 43 Resp: 169478
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

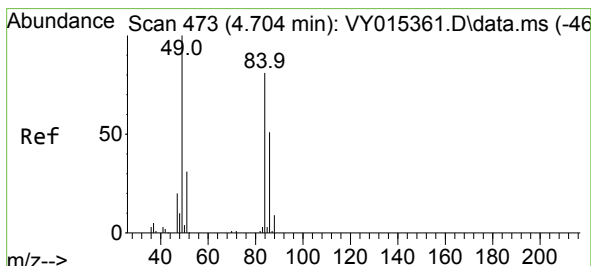
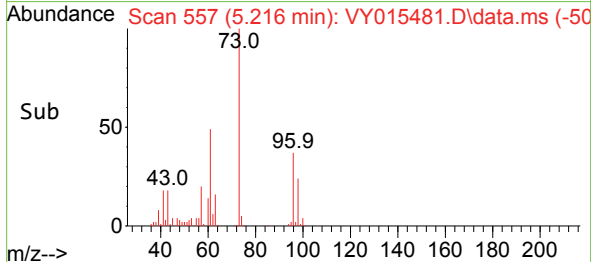
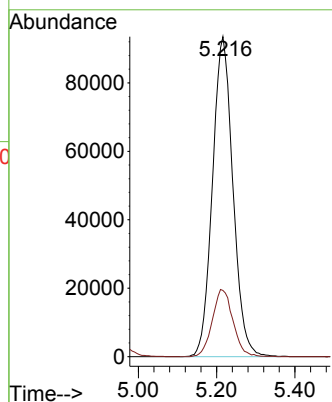
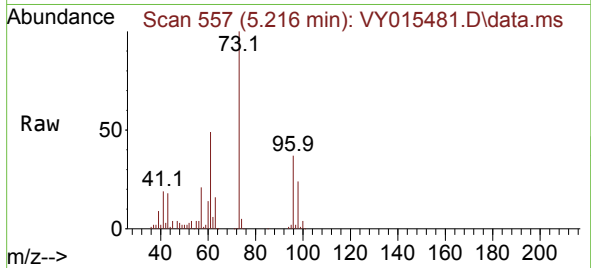




#19
Methyl tert-butyl Ether
Concen: 52.895 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

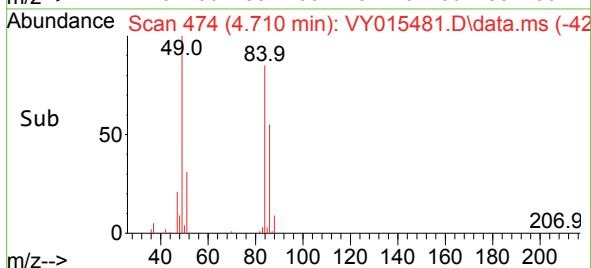
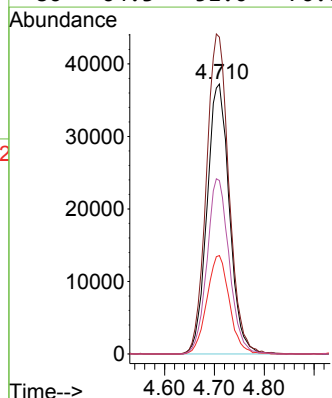
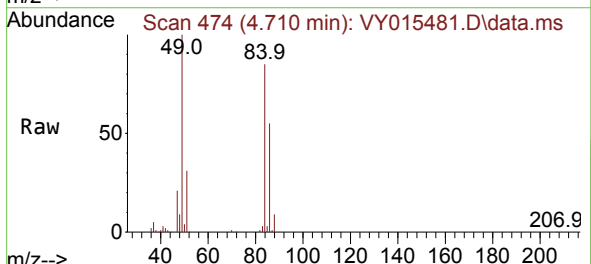
Instrument :
MSVOA_Y
ClientSampleId :

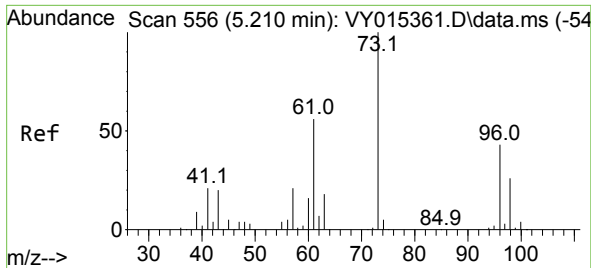
Tgt Ion: 73 Resp: 338786
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 39.130 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 84 Resp: 116152
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 36.5 33.2 49.8
86 64.3 51.0 76.6

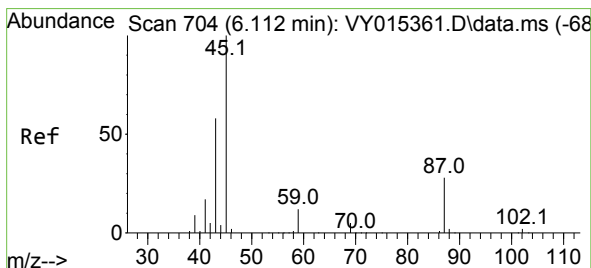
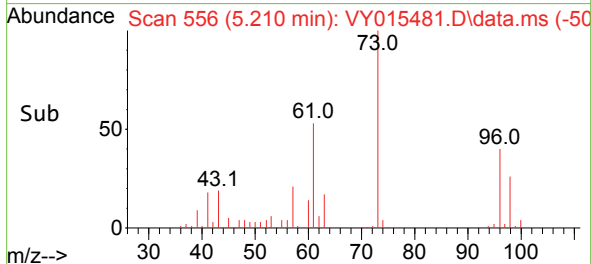
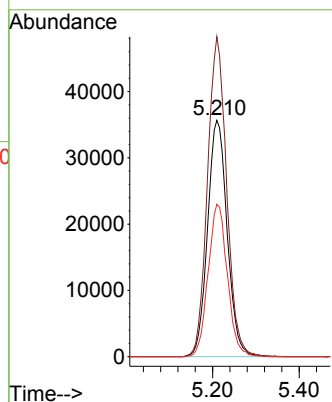
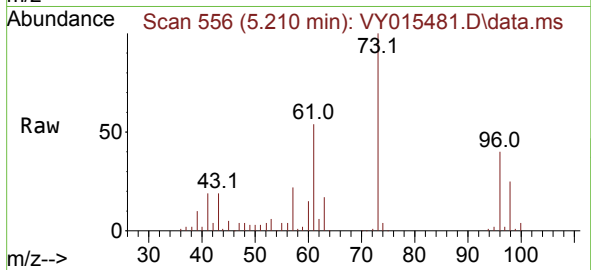




#21
trans-1,2-Dichloroethene
Concen: 49.469 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

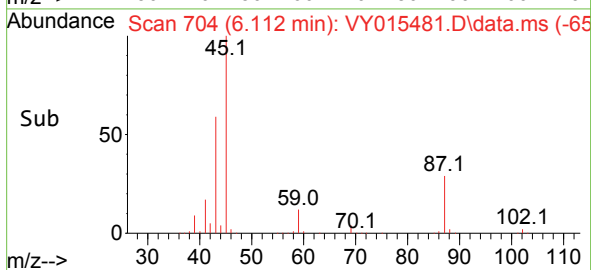
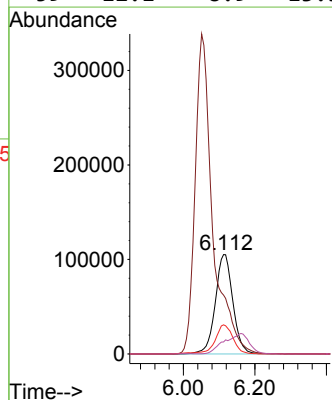
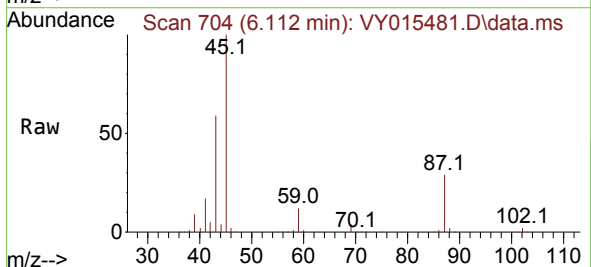
Instrument :
MSVOA_Y
ClientSampleId :

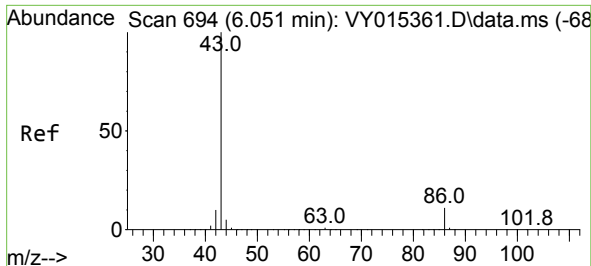
Tgt Ion: 96 Resp: 112256
Ion Ratio Lower Upper
96 100
61 135.4 110.2 165.4
98 64.5 51.8 77.6



#22
Diisopropyl ether
Concen: 52.153 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 45 Resp: 357878
Ion Ratio Lower Upper
45 100
43 59.0 52.2 78.4
87 29.2 21.0 31.6
59 12.1 8.9 13.3

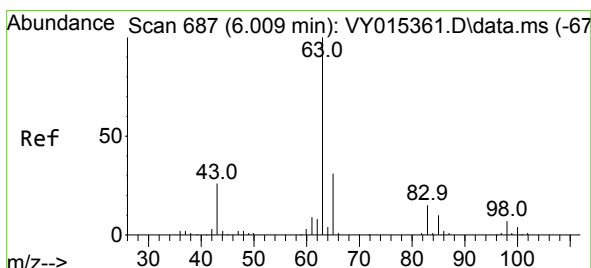
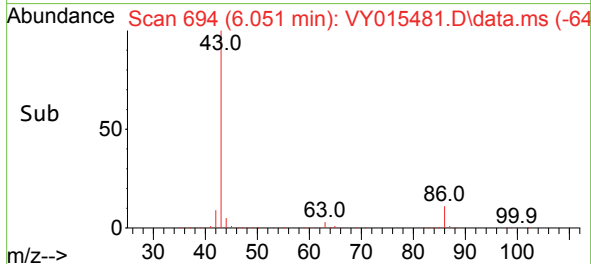
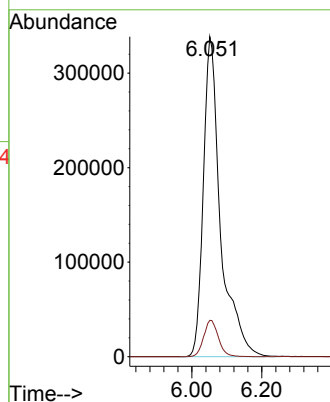
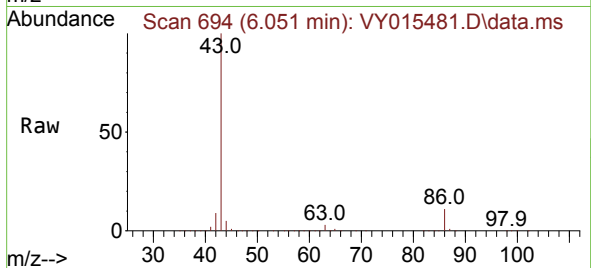




#23
 Vinyl Acetate
 Concen: 266.687 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015481.D
 Acq: 11 Sep 2023 10:54

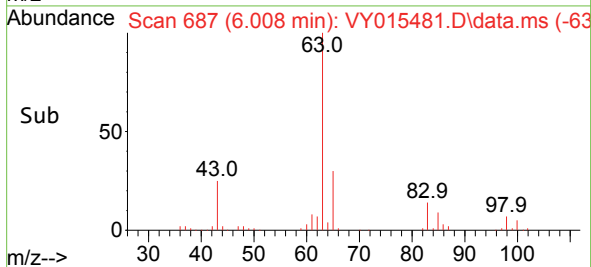
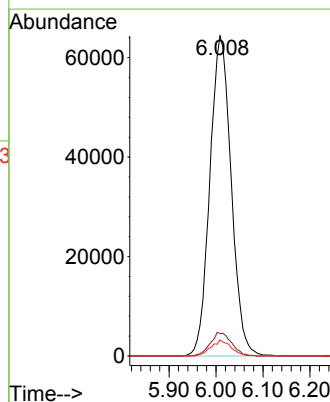
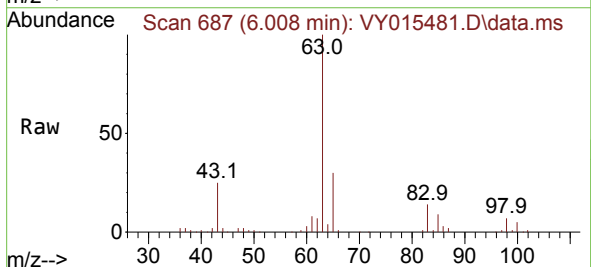
Instrument :
 MSVOA_Y
 ClientSampleId :

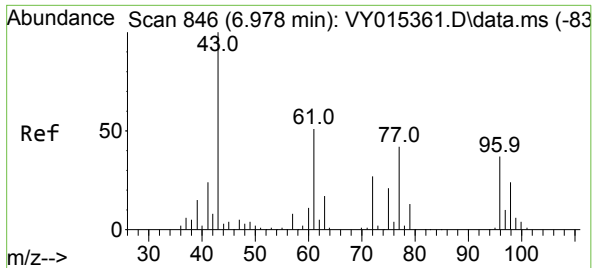
Tgt Ion: 43 Resp: 1155447
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.152 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015481.D
 Acq: 11 Sep 2023 10:54

Tgt Ion: 63 Resp: 202909
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 5.0 1.8 5.5

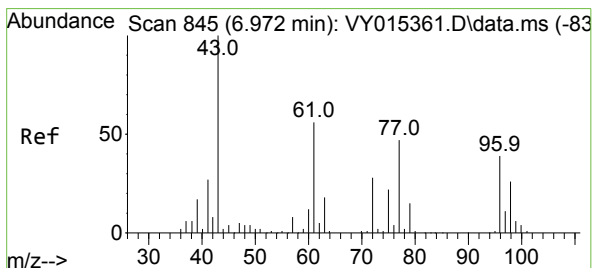
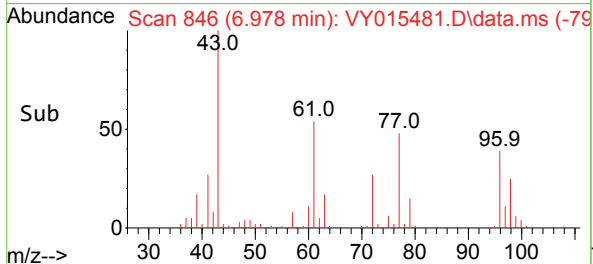
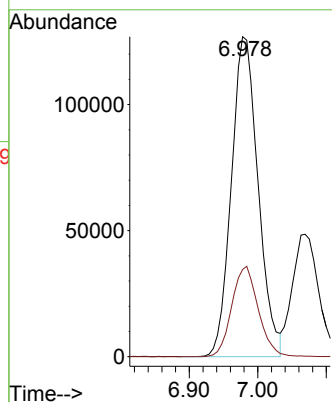
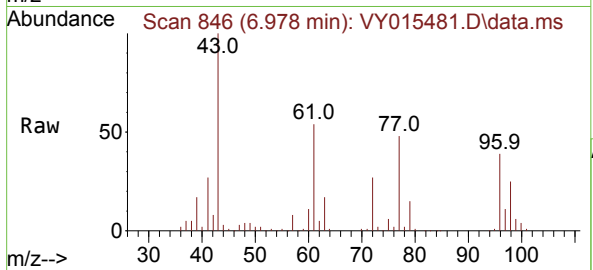




#25
2-Butanone
Concen: 273.955 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

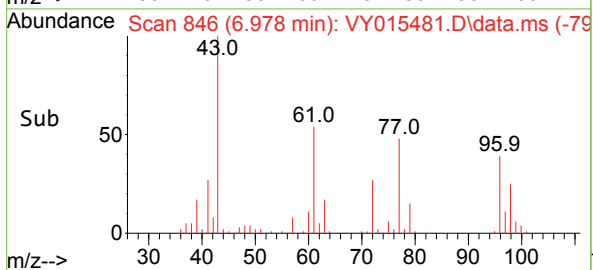
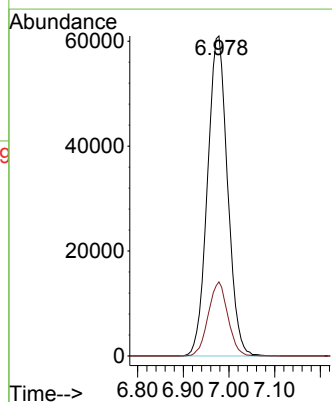
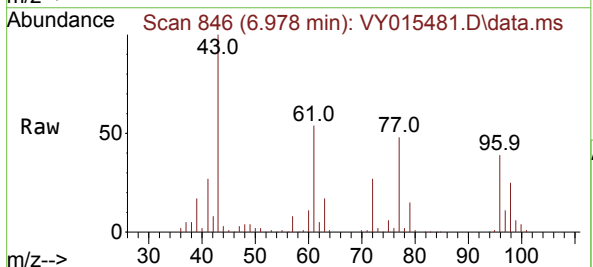
Instrument :
MSVOA_Y
ClientSampleId :

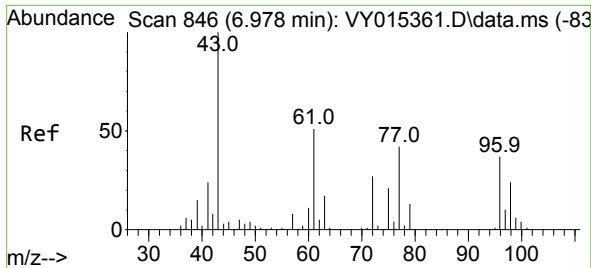
Tgt Ion: 43 Resp: 344654
Ion Ratio Lower Upper
43 100
72 27.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 55.143 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 77 Resp: 185788
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.371 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

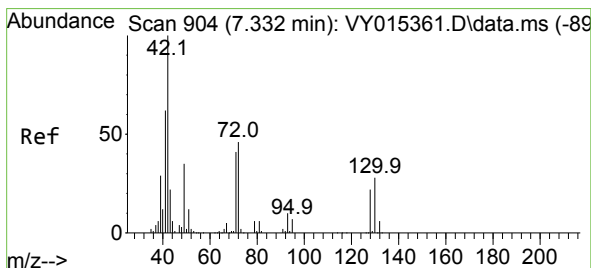
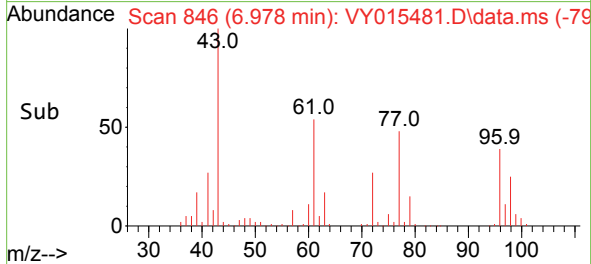
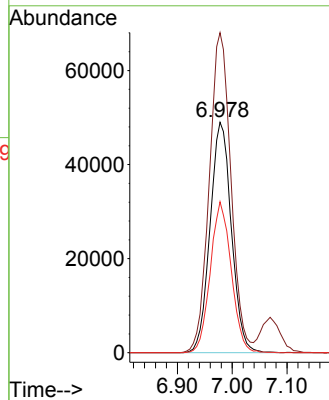
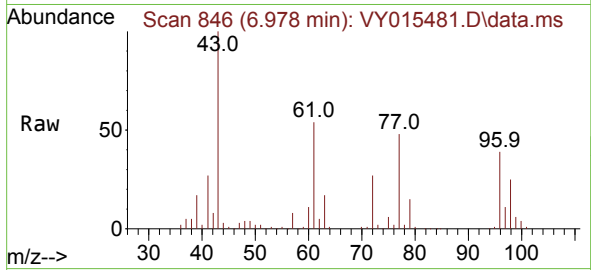
Tgt Ion: 96 Resp: 132245

Ion Ratio Lower Upper

96 100

61 141.1 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 42.067 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

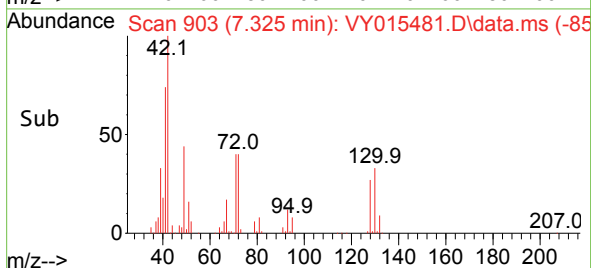
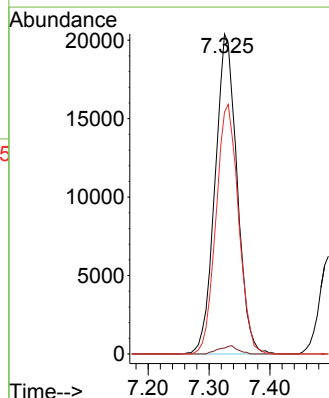
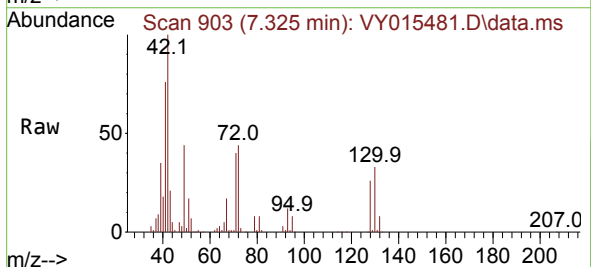
Tgt Ion: 49 Resp: 51172

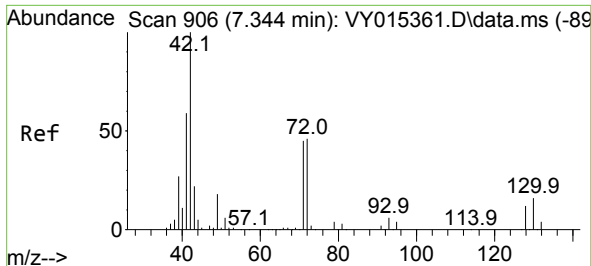
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 79.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 264.759 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

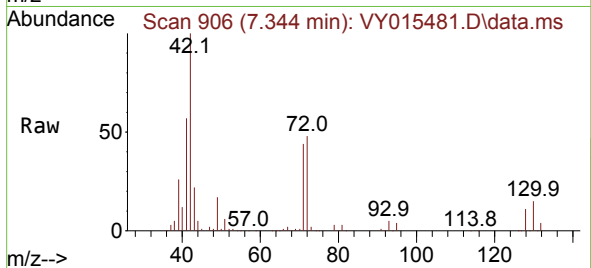
Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :



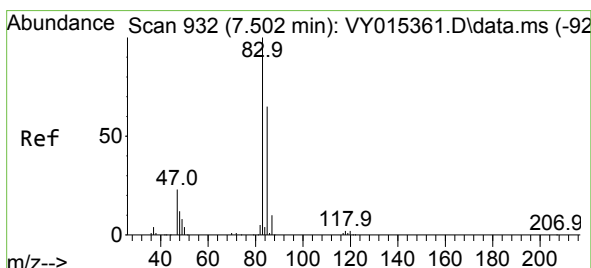
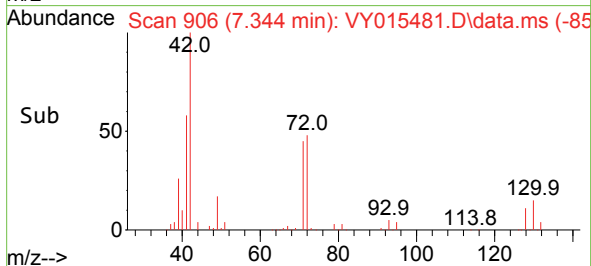
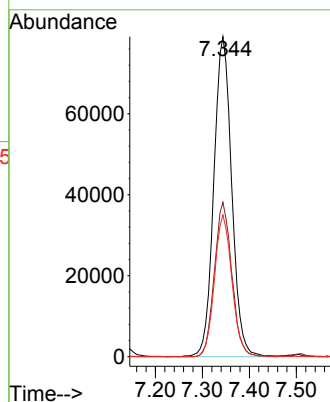
Tgt Ion: 42 Resp: 209169

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 52.253 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015481.D

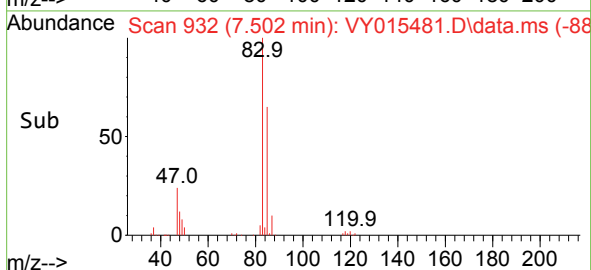
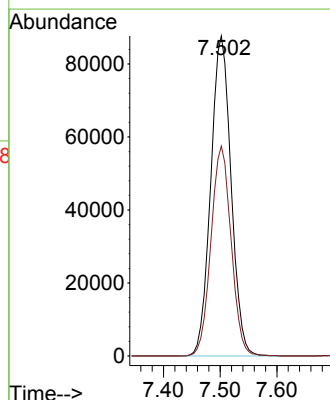
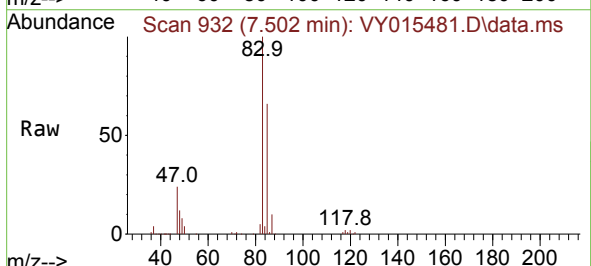
Acq: 11 Sep 2023 10:54

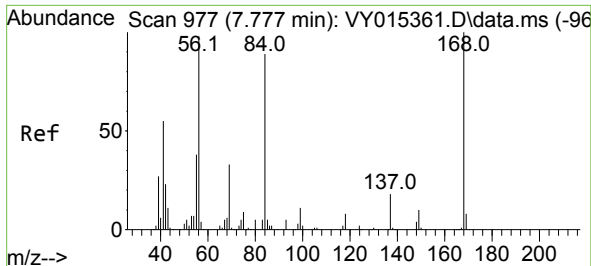
Tgt Ion: 83 Resp: 217898

Ion Ratio Lower Upper

83 100

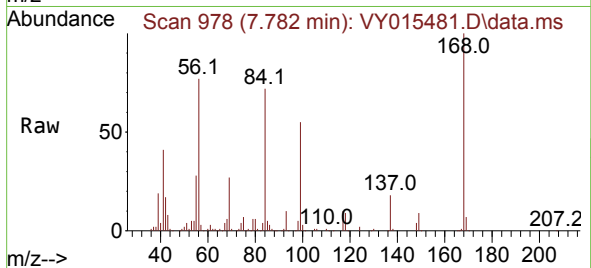
85 65.6 49.7 74.5



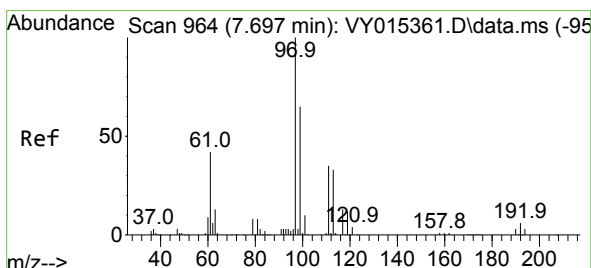
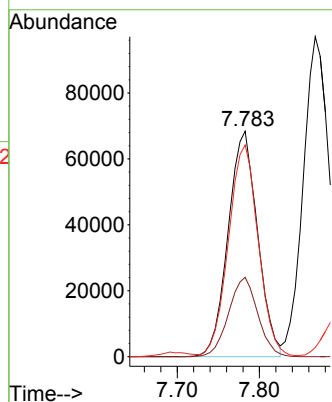
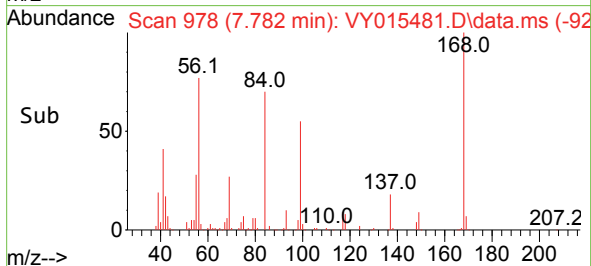


#31
Cyclohexane
Concen: 45.164 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Instrument :
MSVOA_Y
ClientSampleId :

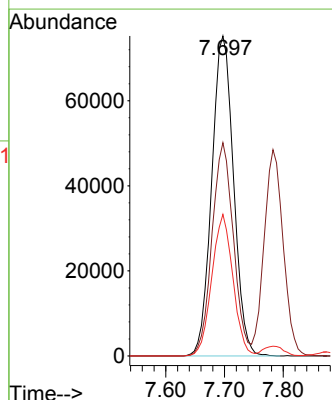
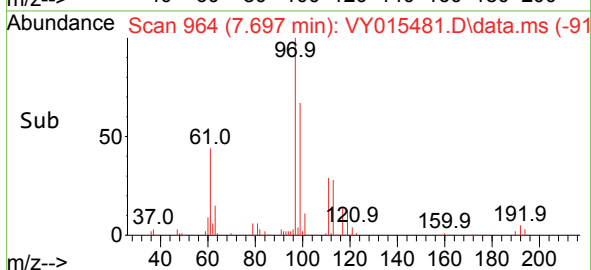
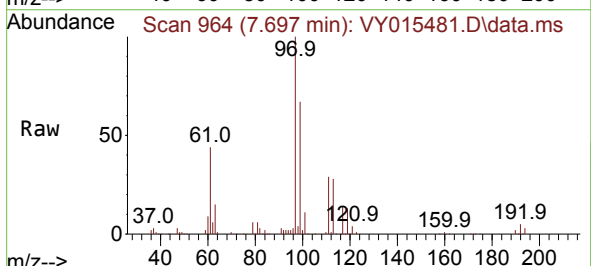


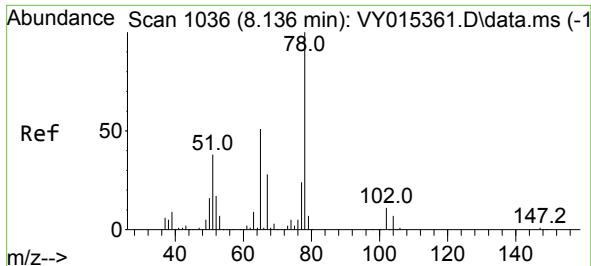
Tgt Ion: 56 Resp: 170490
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 92.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.139 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 97 Resp: 194203
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 42.800 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

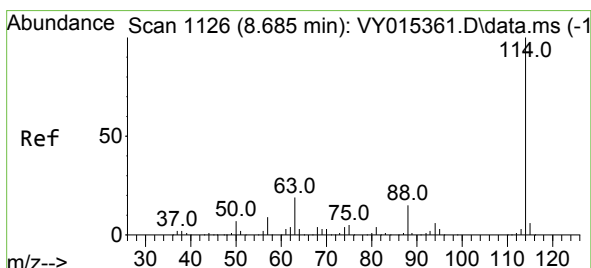
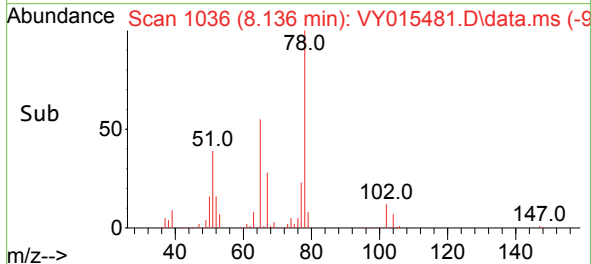
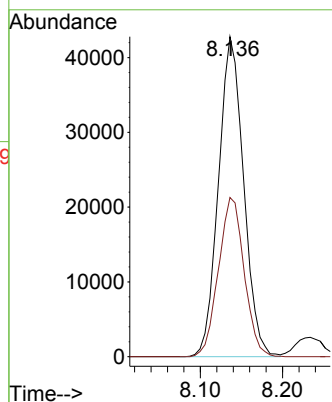
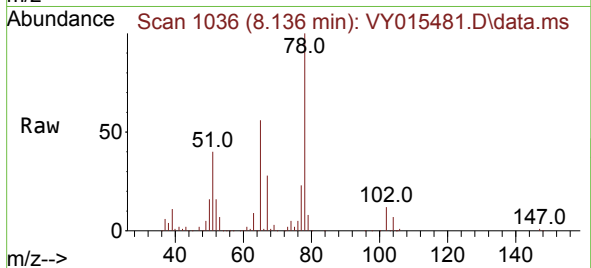
ClientSampleId :

Tgt Ion: 65 Resp: 90954

Ion Ratio Lower Upper

65 100

67 50.8 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: VY015481.D

Acq: 11 Sep 2023 10:54

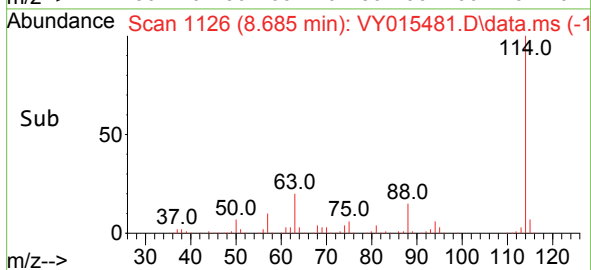
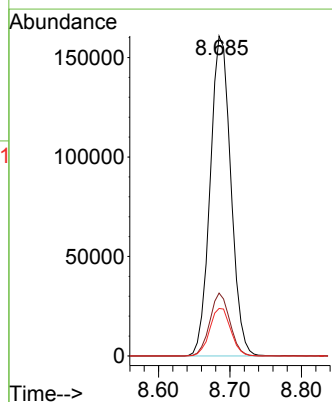
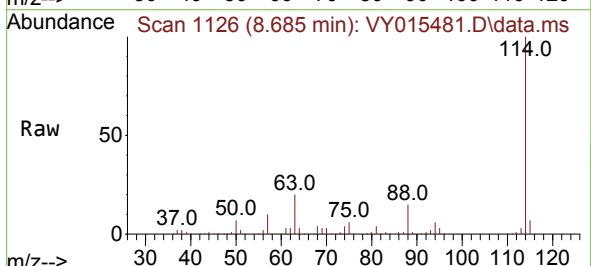
Tgt Ion: 114 Resp: 322311

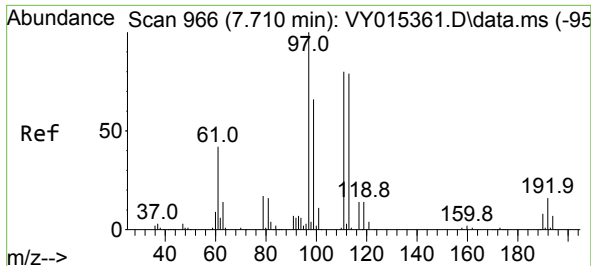
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.8 0.0 30.6

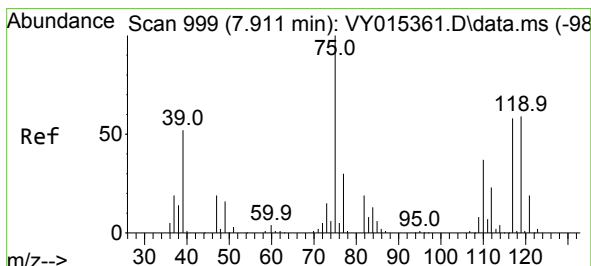
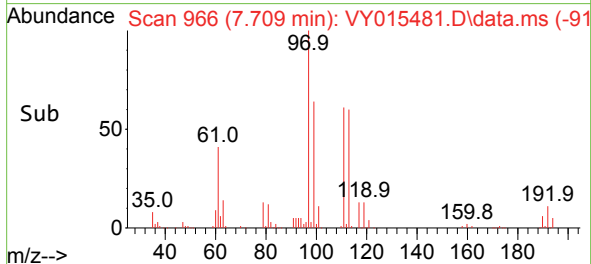
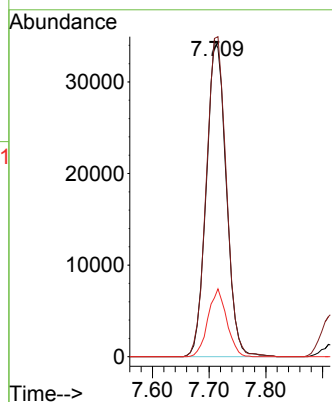
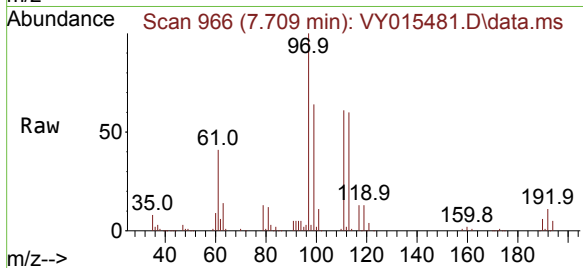




#35
Dibromofluoromethane
Concen: 45.261 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

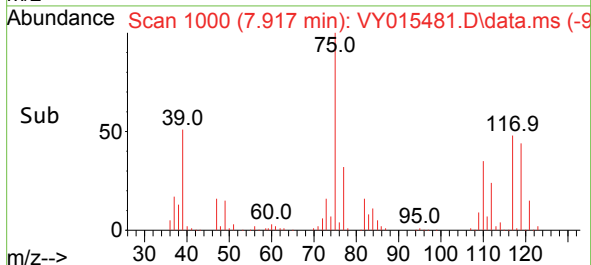
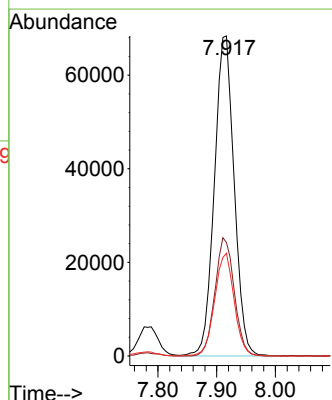
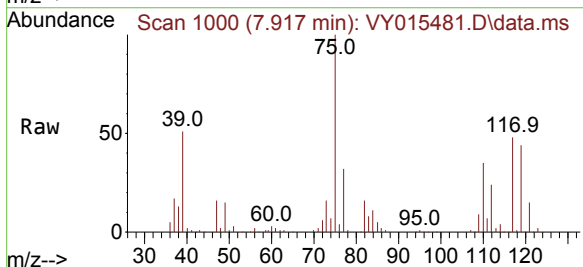
Instrument :
MSVOA_Y
ClientSampleId :

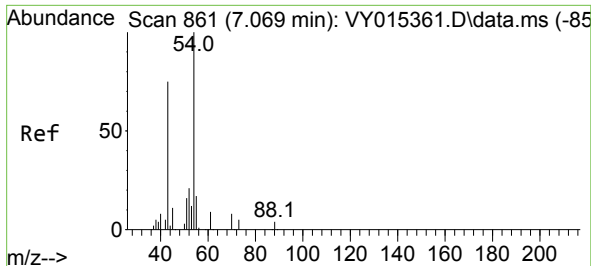
Tgt Ion:113 Resp: 84024
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.081 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 75 Resp: 159991
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 52.588 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

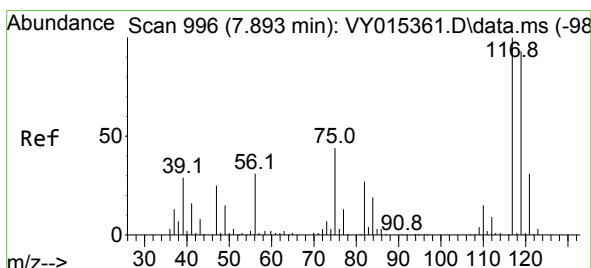
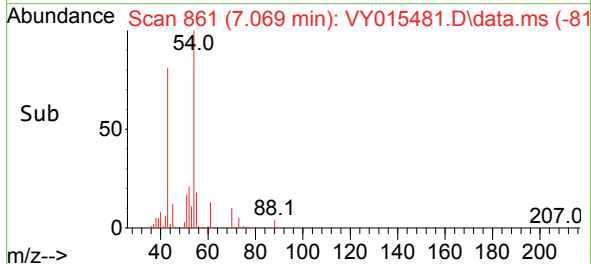
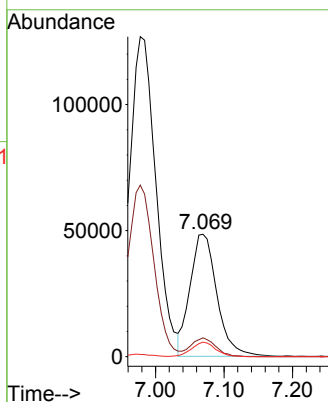
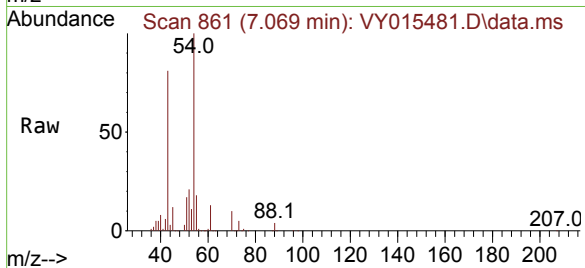
Tgt Ion: 43 Resp: 132209

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 52.468 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

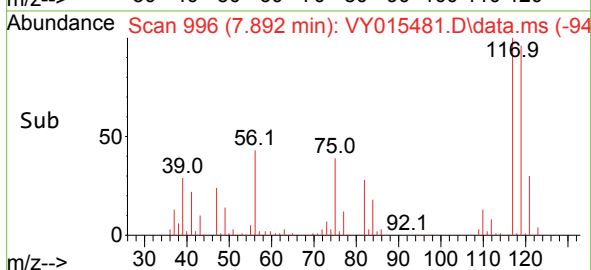
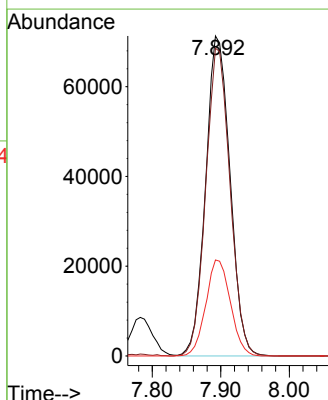
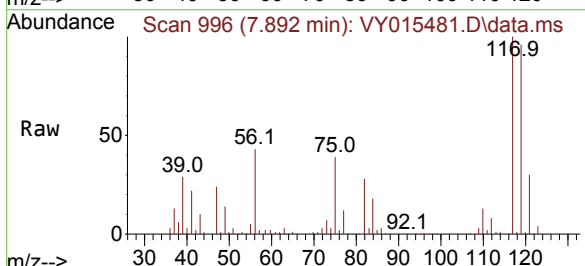
Tgt Ion:117 Resp: 176641

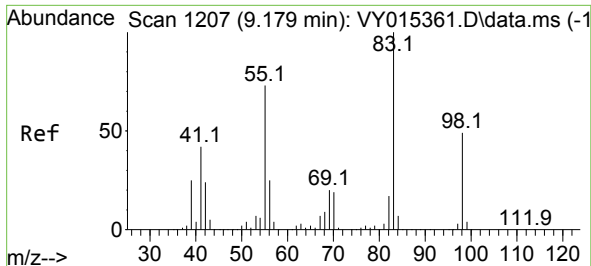
Ion Ratio Lower Upper

117 100

119 96.1 76.4 114.6

121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 46.406 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

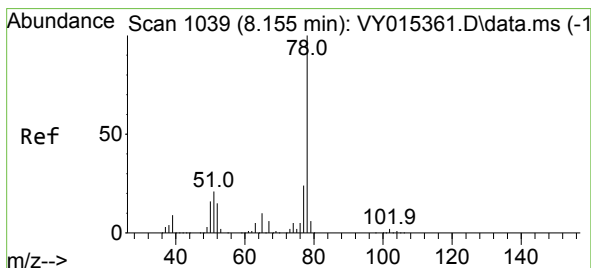
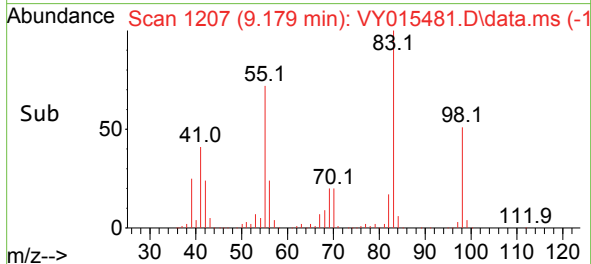
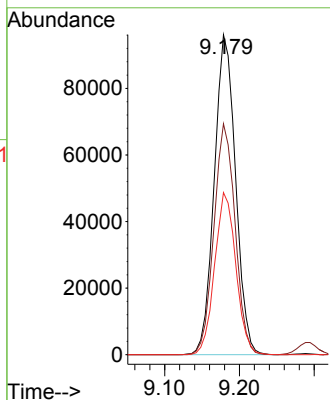
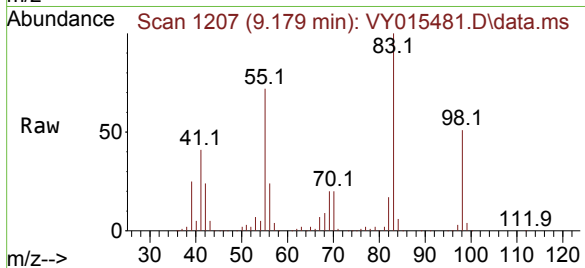
Tgt Ion: 83 Resp: 190441

Ion Ratio Lower Upper

83 100

55 72.1 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 50.861 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015481.D

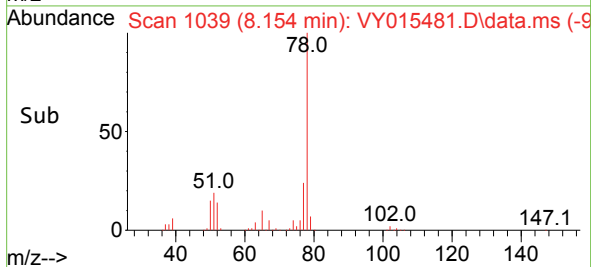
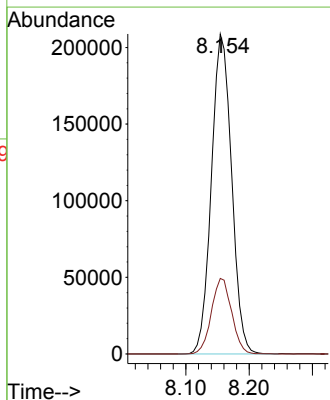
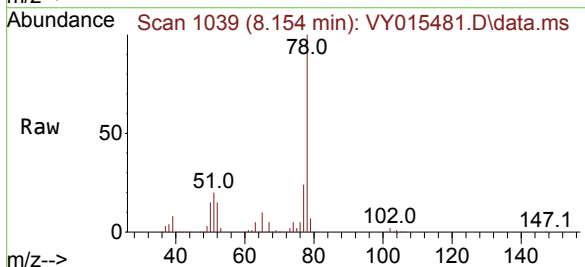
Acq: 11 Sep 2023 10:54

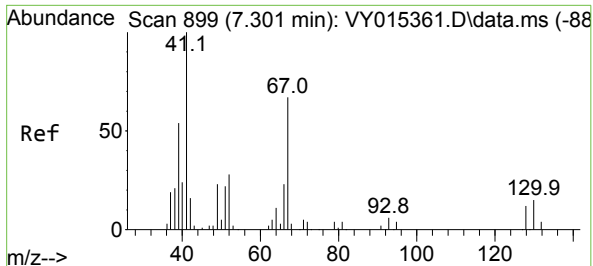
Tgt Ion: 78 Resp: 462558

Ion Ratio Lower Upper

78 100

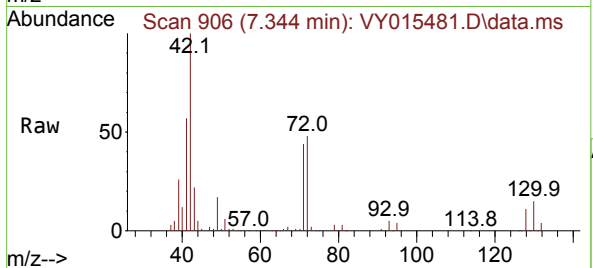
77 23.6 19.0 28.6



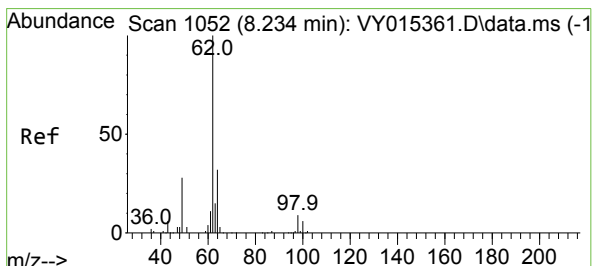
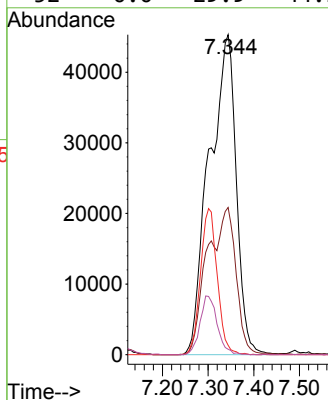
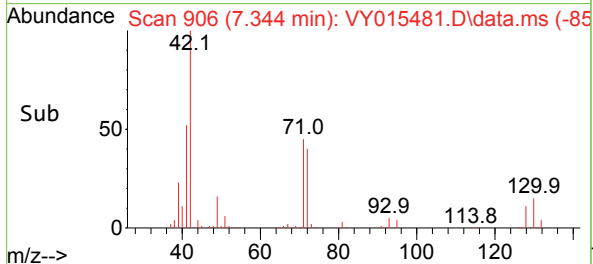


#41
Methacrylonitrile
Concen: 157.166 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.030 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Instrument :
MSVOA_Y
ClientSampleId :

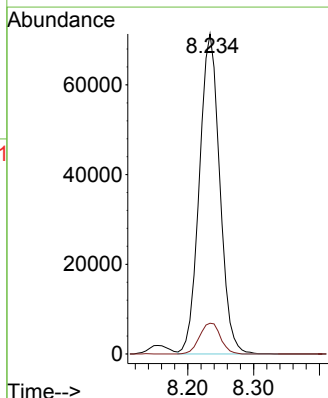
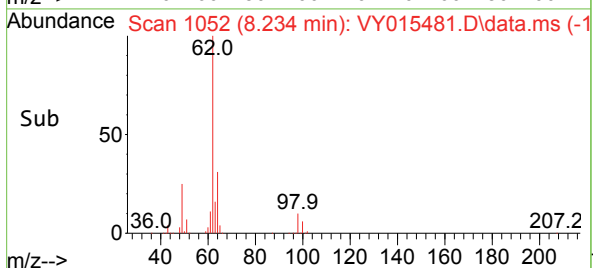
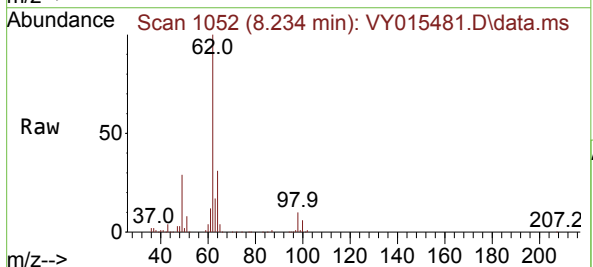


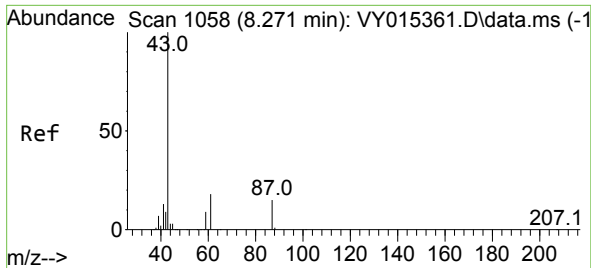
Tgt Ion: 41 Resp: 185289
Ion Ratio Lower Upper
41 100
39 27.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.695 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

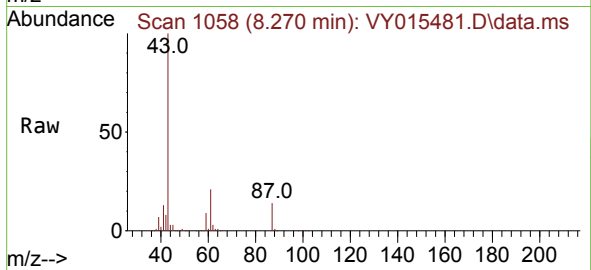
Tgt Ion: 62 Resp: 153738
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



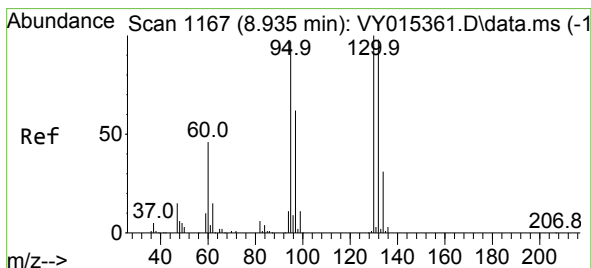
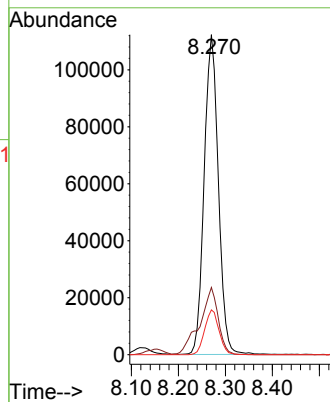
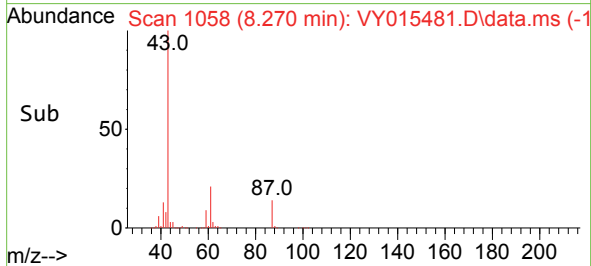


#43
Isopropyl Acetate
Concen: 54.025 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Instrument :
MSVOA_Y
ClientSampleId :

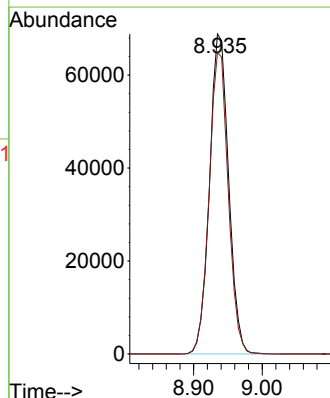
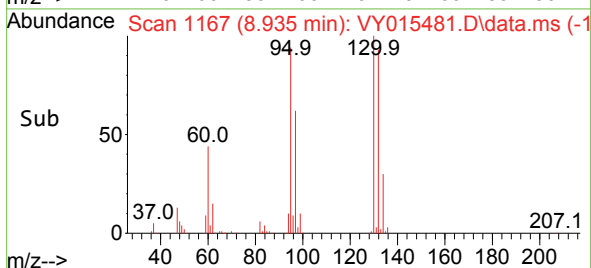
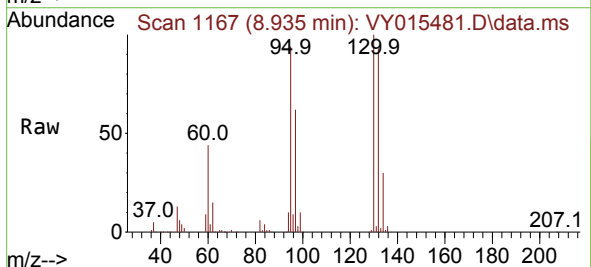


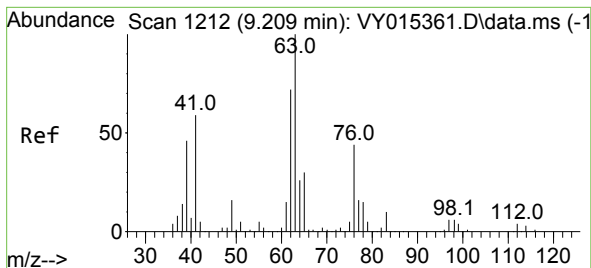
Tgt Ion: 43 Resp: 234864
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 51.763 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion:130 Resp: 133193
Ion Ratio Lower Upper
130 100
95 94.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.675 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

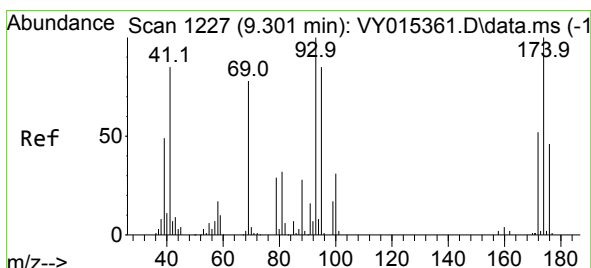
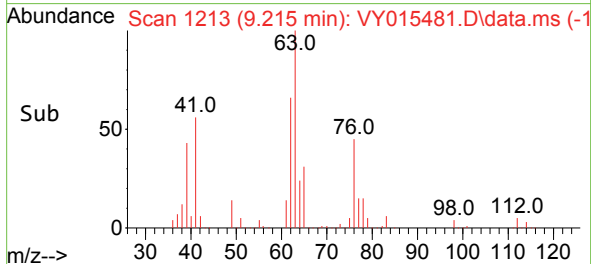
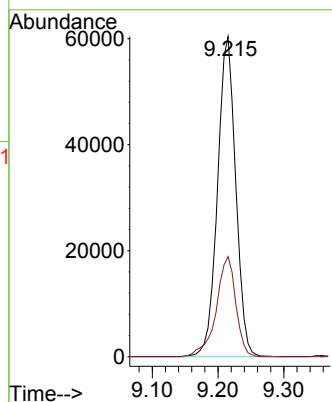
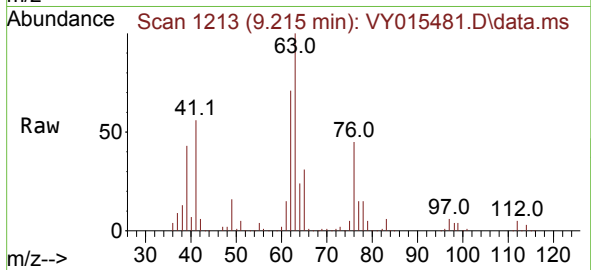
ClientSampleId :

Tgt Ion: 63 Resp: 116180

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.6



#46

Dibromomethane

Concen: 51.116 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

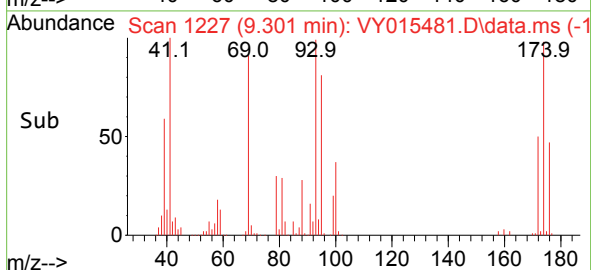
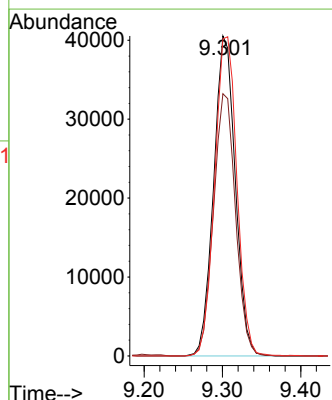
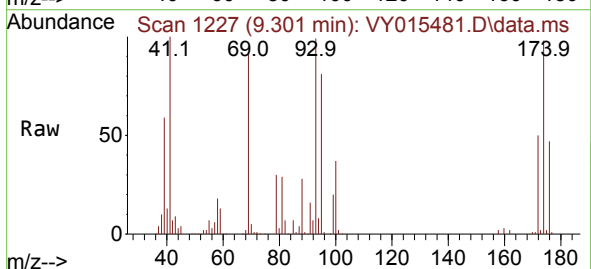
Tgt Ion: 93 Resp: 77845

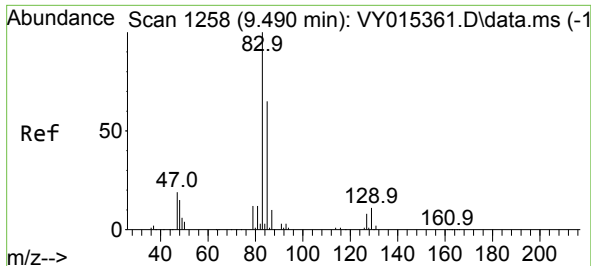
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 102.5 84.8 127.2

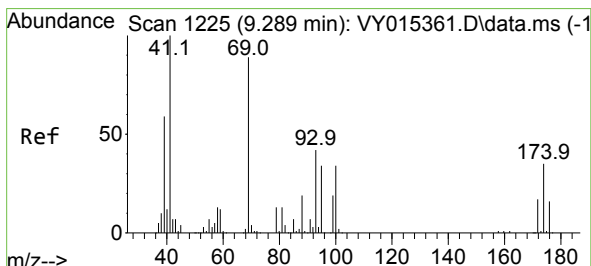
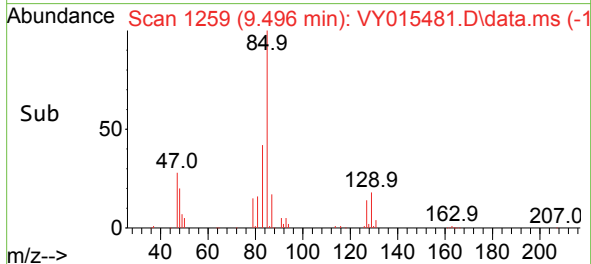
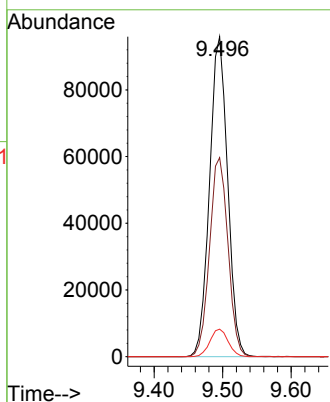
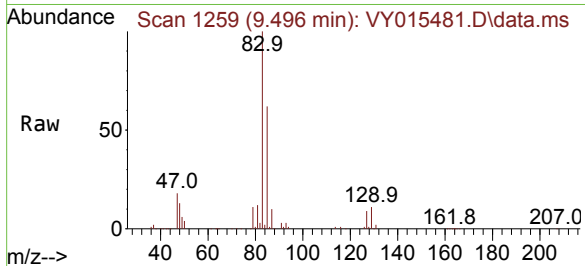




#47
Bromodichloromethane
Concen: 53.852 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

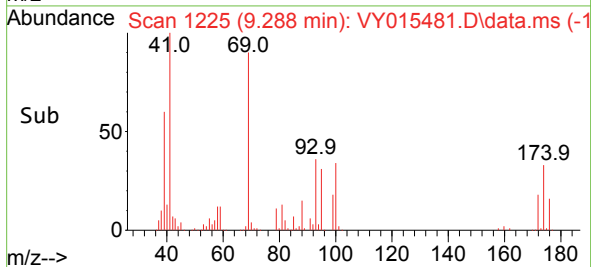
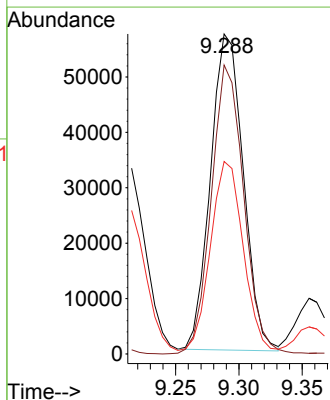
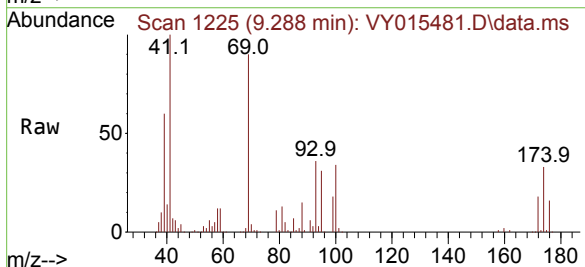
Instrument :
MSVOA_Y
ClientSampleId :

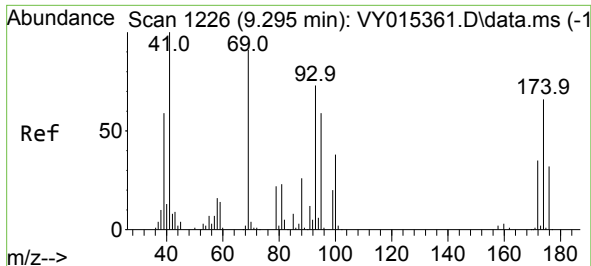
Tgt Ion: 83 Resp: 175385
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 51.607 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 41 Resp: 102936
Ion Ratio Lower Upper
41 100
69 90.7 64.5 96.7
39 59.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1065.604 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.006 min

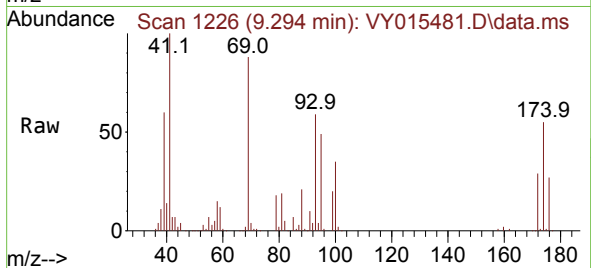
Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :



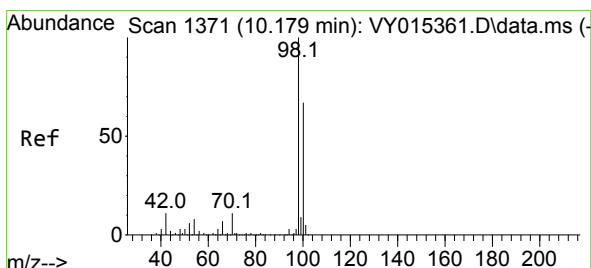
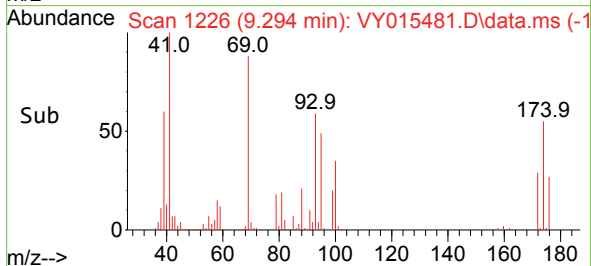
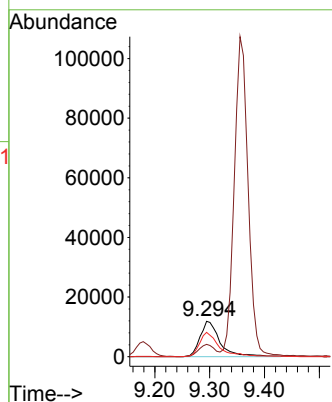
Tgt Ion: 88 Resp: 30143

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

58 69.1 30.9 46.3#



#50

Toluene-d8

Concen: 42.618 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015481.D

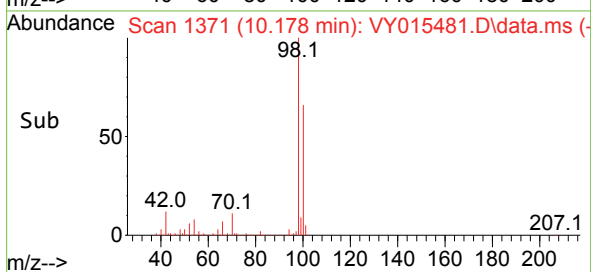
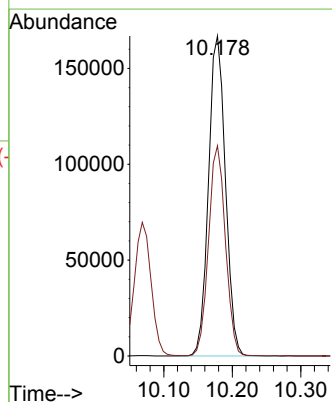
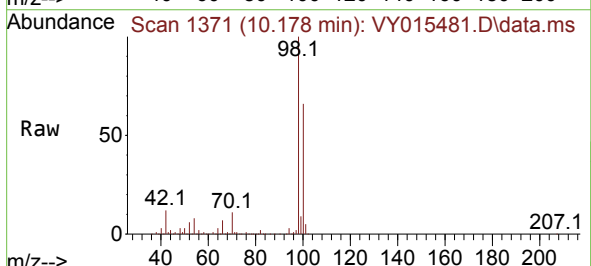
Acq: 11 Sep 2023 10:54

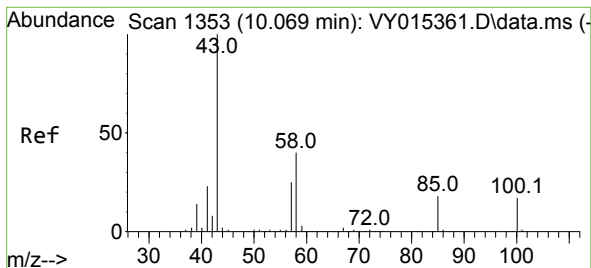
Tgt Ion: 98 Resp: 286514

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 273.716 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

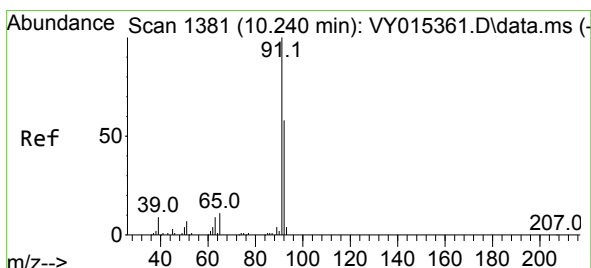
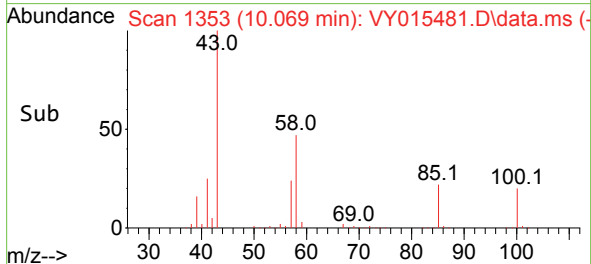
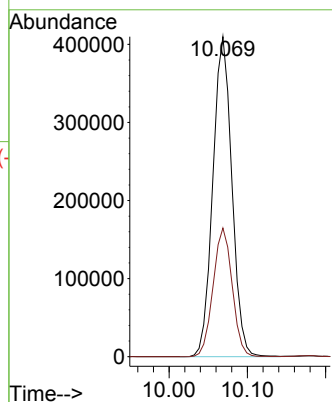
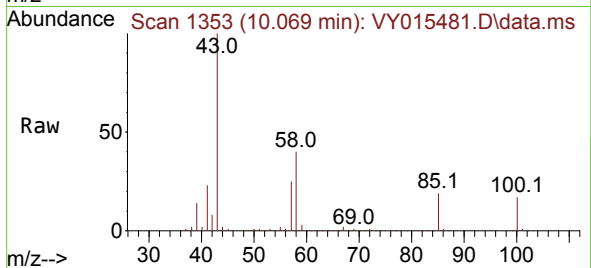
ClientSampleId :

Tgt Ion: 43 Resp: 691618

Ion Ratio Lower Upper

43 100

58 40.3 29.0 43.6



#52

Toluene

Concen: 51.457 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY015481.D

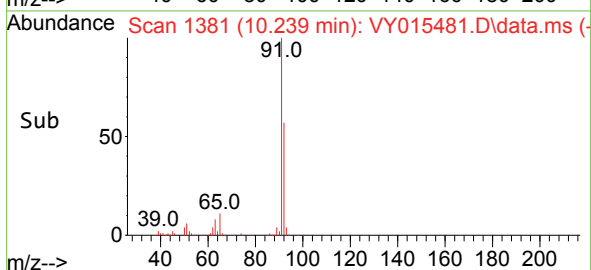
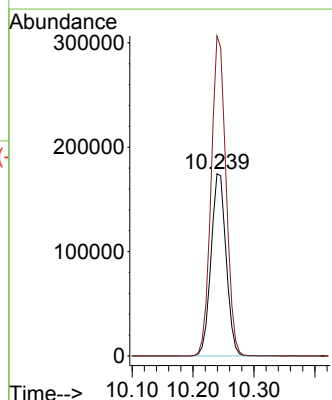
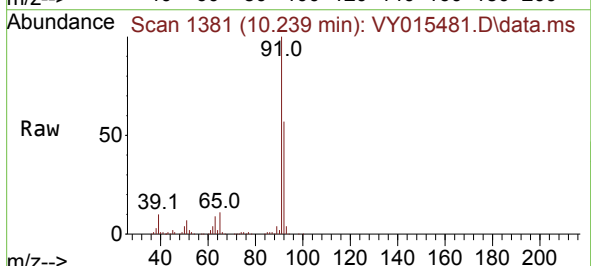
Acq: 11 Sep 2023 10:54

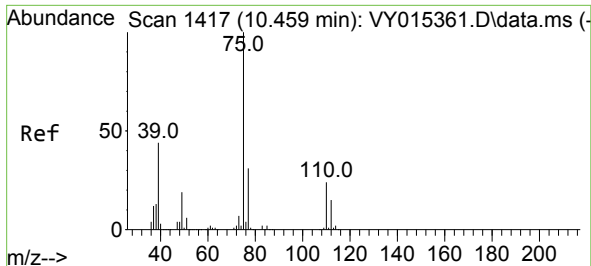
Tgt Ion: 92 Resp: 299944

Ion Ratio Lower Upper

92 100

91 173.2 143.8 215.6

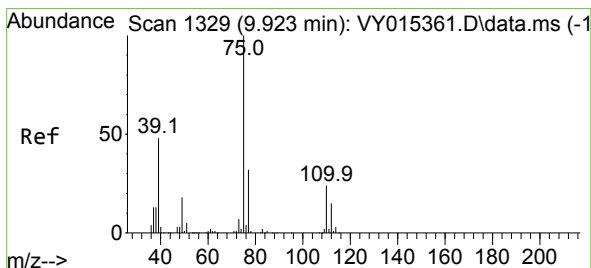
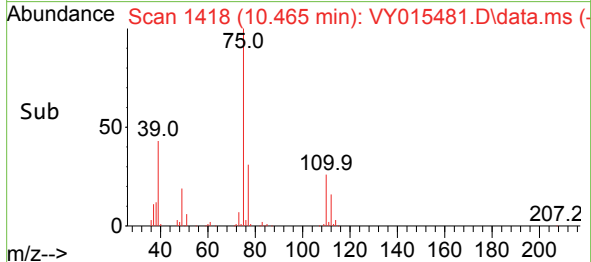
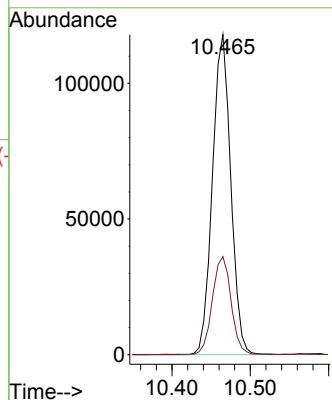
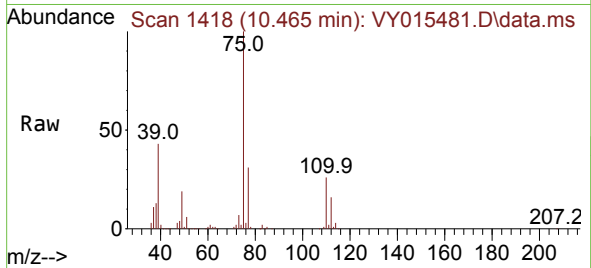




#53
 t-1,3-Dichloropropene
 Concen: 55.386 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015481.D
 Acq: 11 Sep 2023 10:54

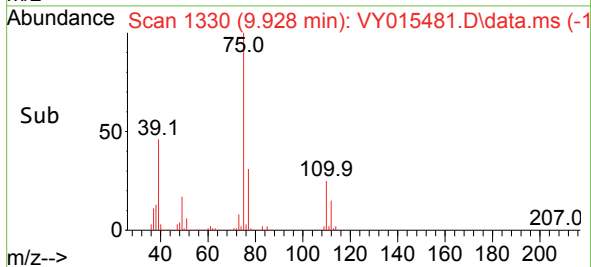
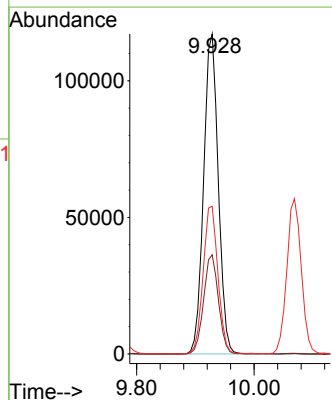
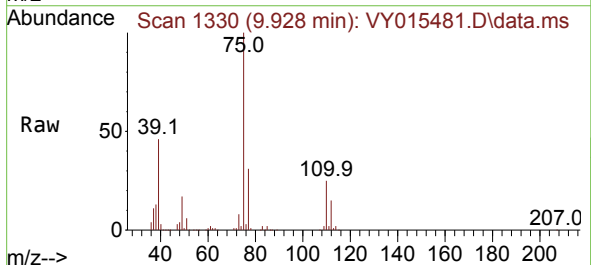
Instrument :
 MSVOA_Y
 ClientSampleId :

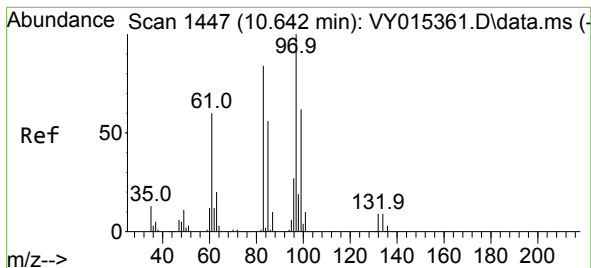
Tgt Ion: 75 Resp: 191699
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.972 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015481.D
 Acq: 11 Sep 2023 10:54

Tgt Ion: 75 Resp: 203207
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 46.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 53.767 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 110328

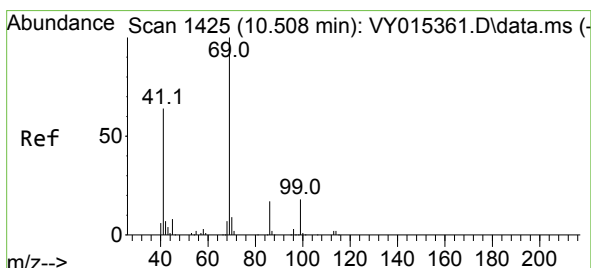
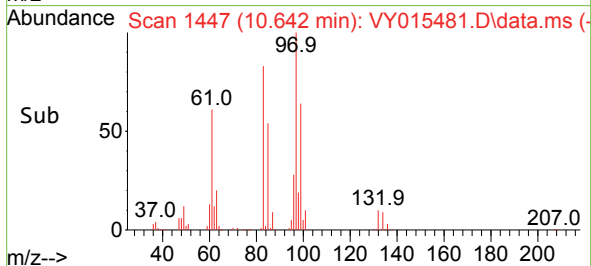
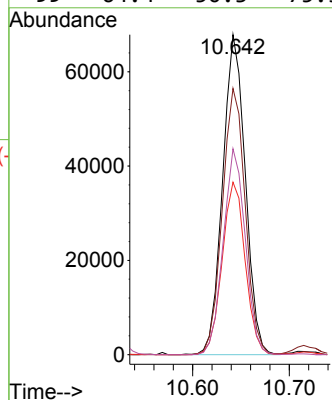
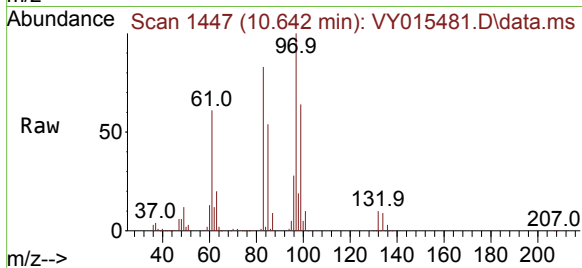
Ion Ratio Lower Upper

97 100

83 83.2 72.0 108.0

85 53.9 45.4 68.0

99 64.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 55.699 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

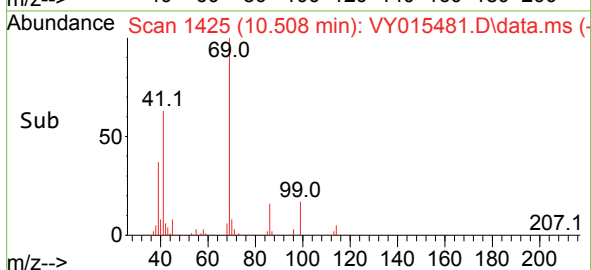
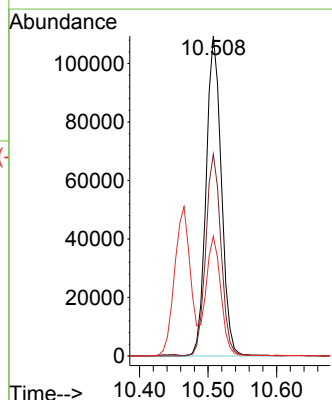
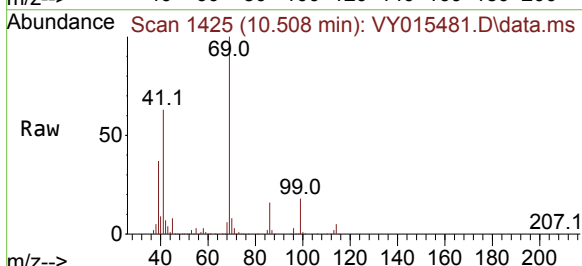
Tgt Ion: 69 Resp: 169371

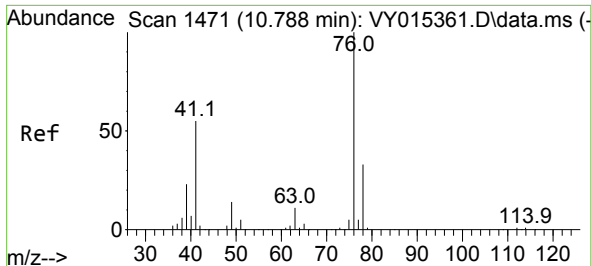
Ion Ratio Lower Upper

69 100

41 62.6 57.6 86.4

39 37.2 34.1 51.1





#57

1,3-Dichloropropane

Concen: 52.828 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

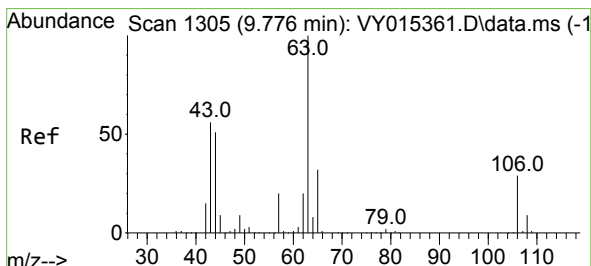
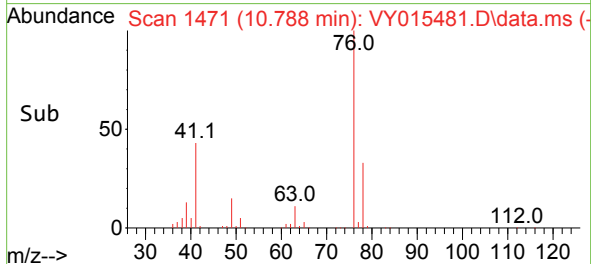
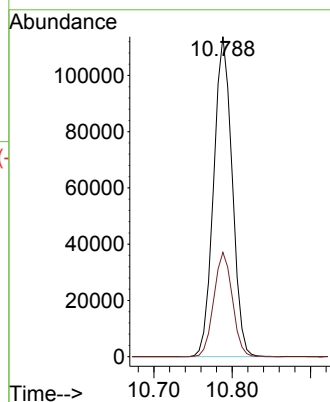
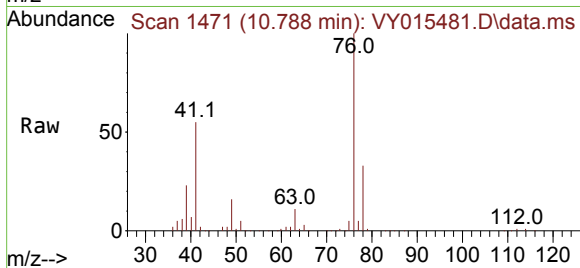
ClientSampleId :

Tgt Ion: 76 Resp: 186601

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 222.799 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015481.D

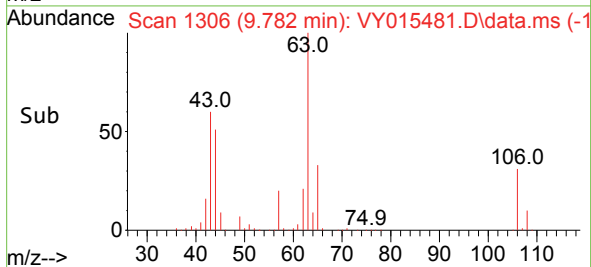
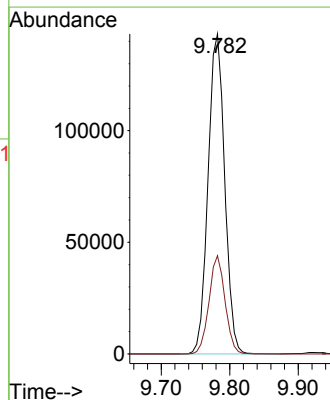
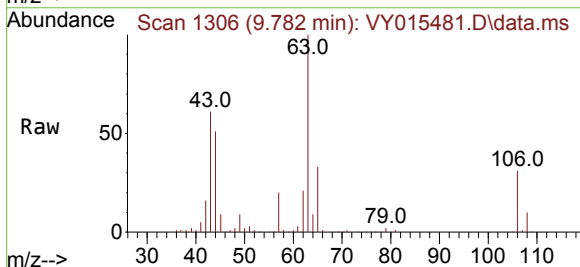
Acq: 11 Sep 2023 10:54

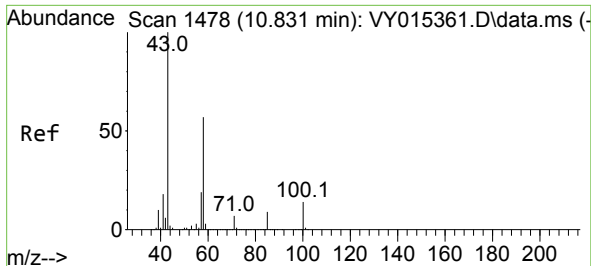
Tgt Ion: 63 Resp: 241820

Ion Ratio Lower Upper

63 100

106 29.6 21.2 31.8

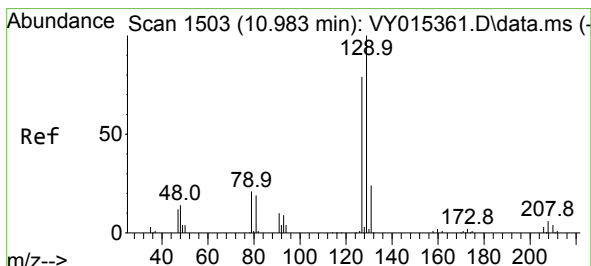
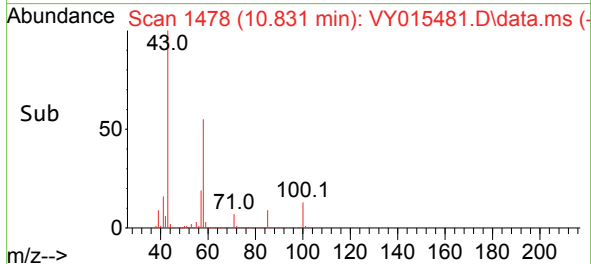
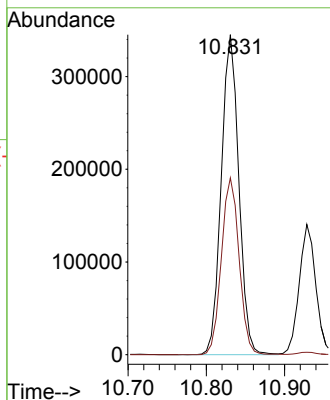
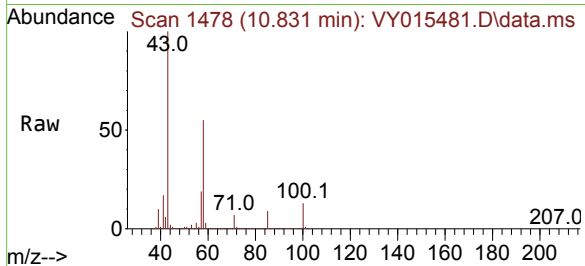




#59
2-Hexanone
Concen: 283.740 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

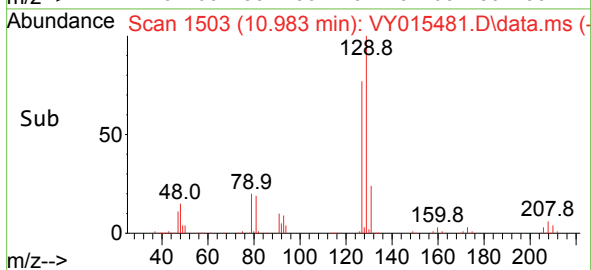
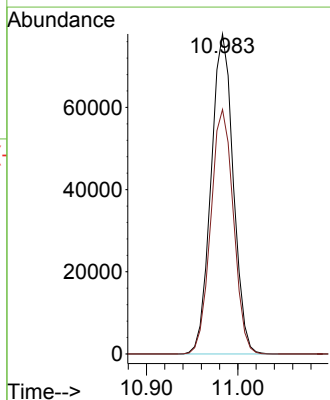
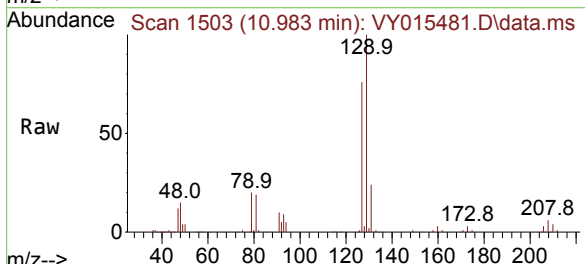
Instrument :
MSVOA_Y
ClientSampleId :

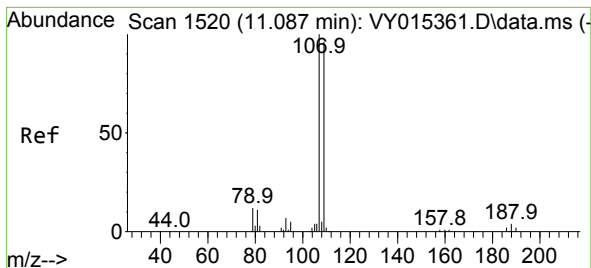
Tgt Ion: 43 Resp: 537961
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 54.670 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 129 Resp: 131303
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

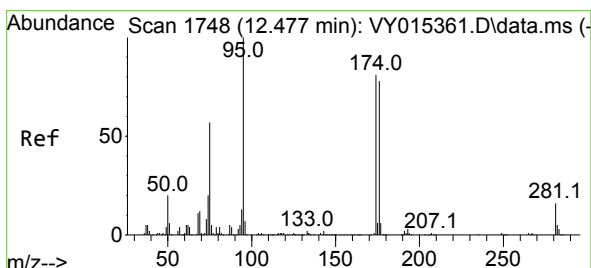
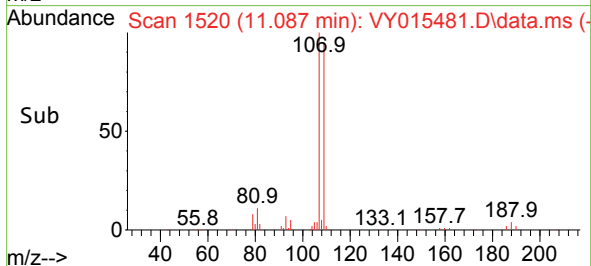
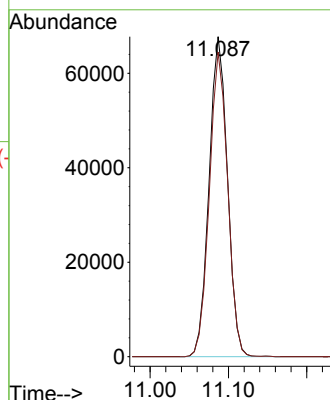
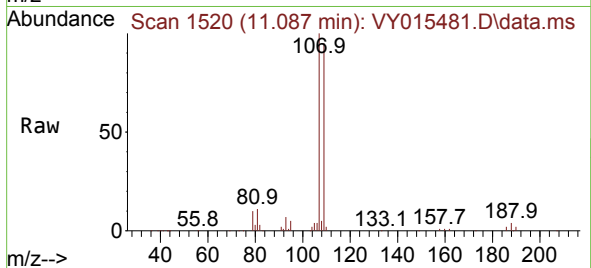




#61
1,2-Dibromoethane
Concen: 53.063 ug/l
RT: 11.087 min Scan# 110331
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

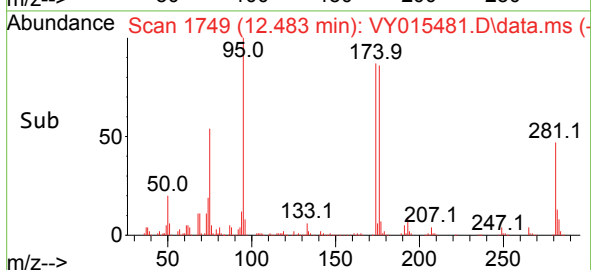
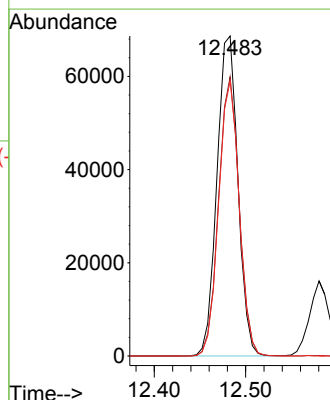
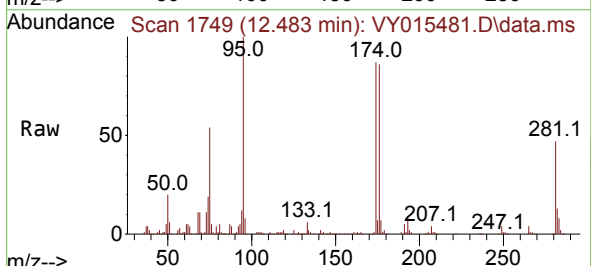
Instrument :
MSVOA_Y
ClientSampleId :

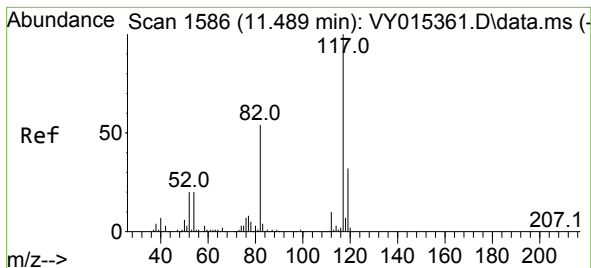
Tgt Ion:107 Resp: 110331
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 95 Resp: 109464
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

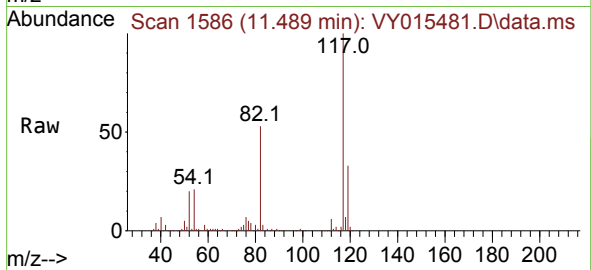
Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :



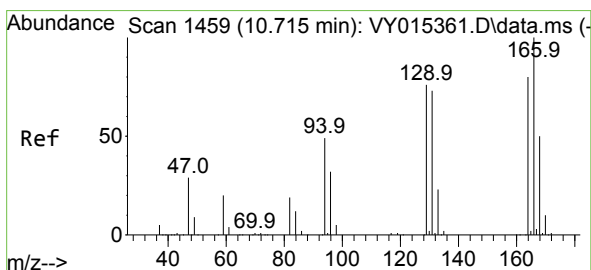
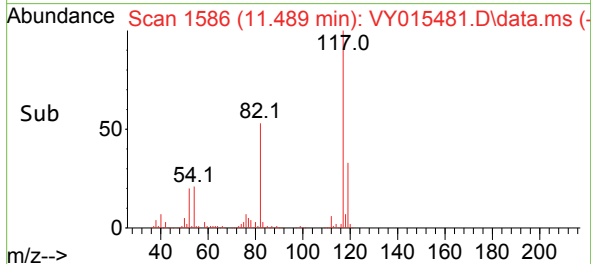
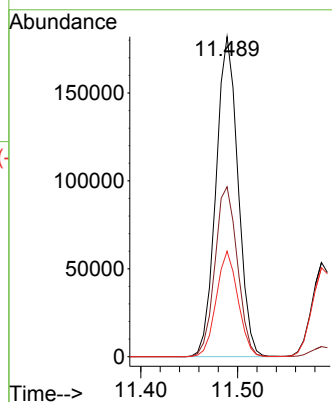
Tgt Ion:117 Resp: 287367

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 33.0 26.3 39.5



#64

Tetrachloroethene

Concen: 53.044 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Tgt Ion:164 Resp: 138357

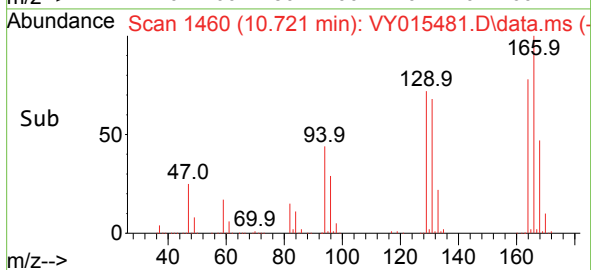
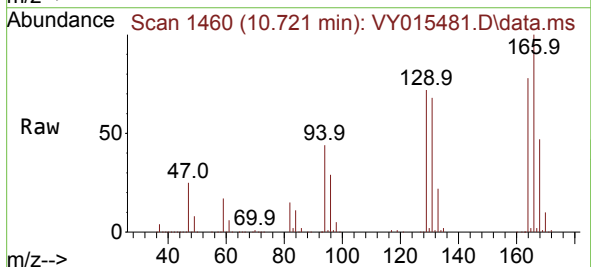
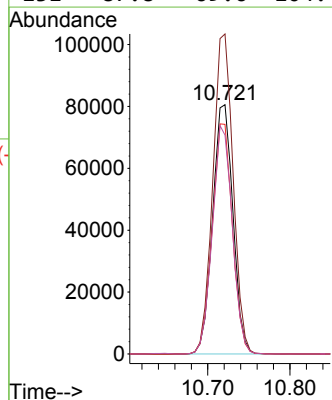
Ion Ratio Lower Upper

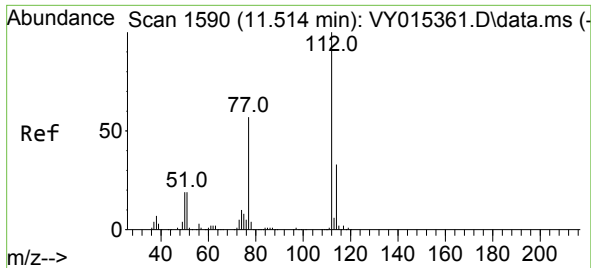
164 100

166 128.4 103.0 154.6

129 92.1 77.2 115.8

131 87.8 69.6 104.4

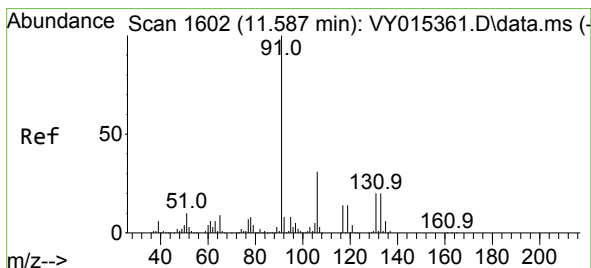
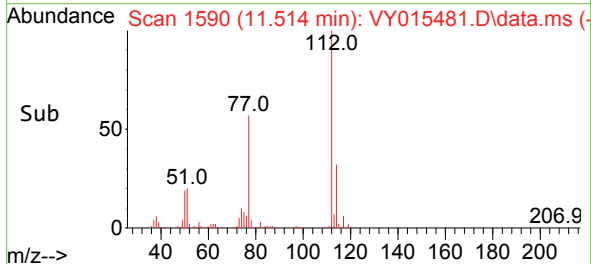
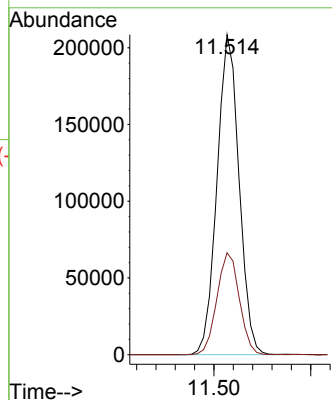
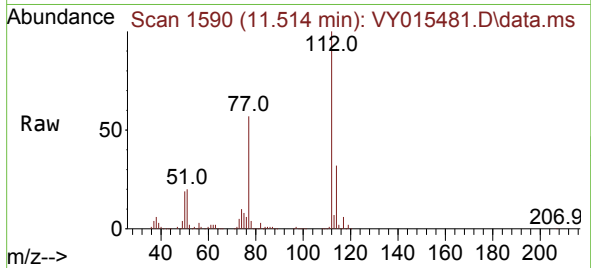




#65
Chlorobenzene
Concen: 53.238 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

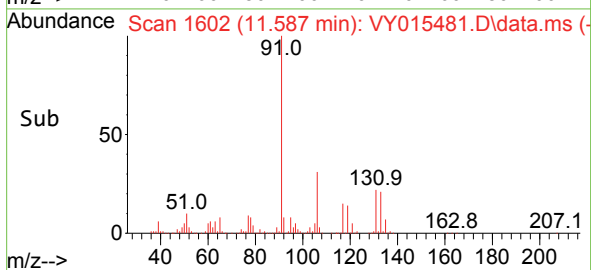
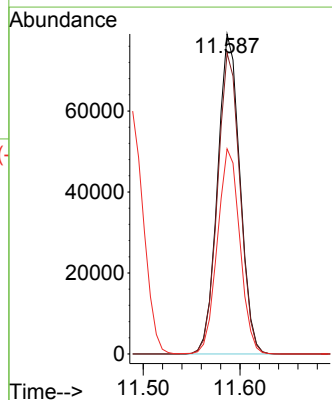
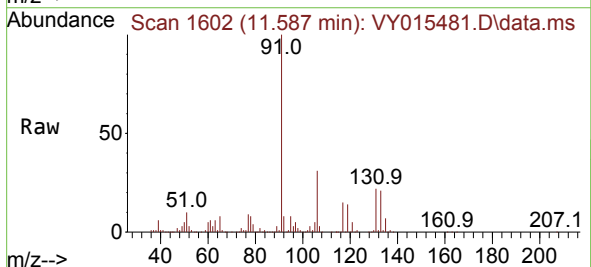
Instrument :
MSVOA_Y
ClientSampleId :

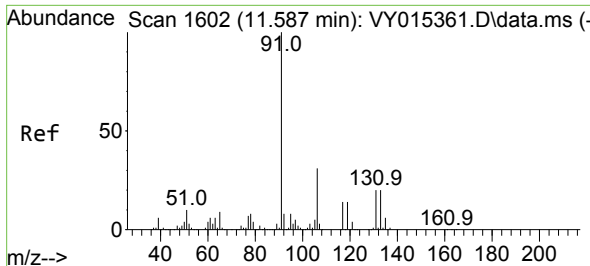
Tgt Ion:112 Resp: 329672
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.846 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion:131 Resp: 126575
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 53.016 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

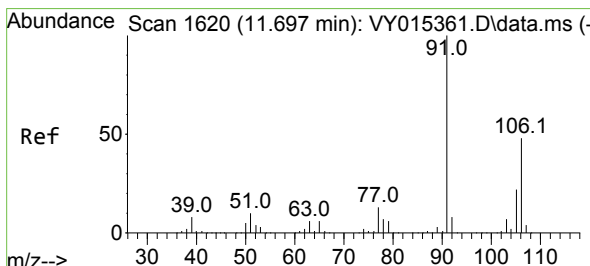
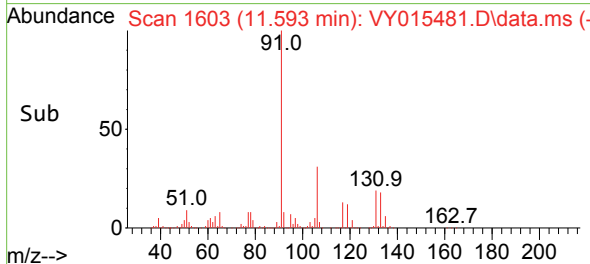
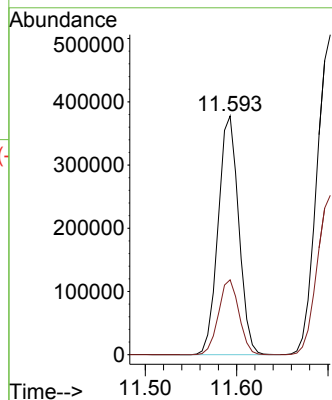
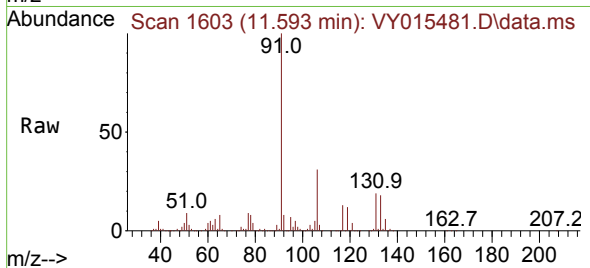
ClientSampleId :

Tgt Ion: 91 Resp: 589502

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 105.626 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015481.D

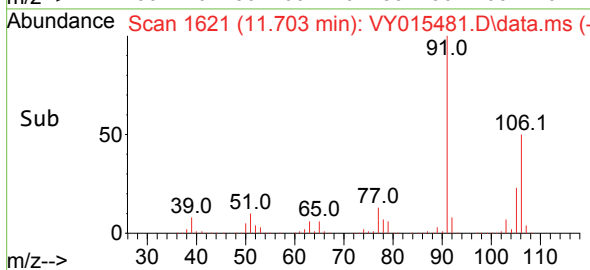
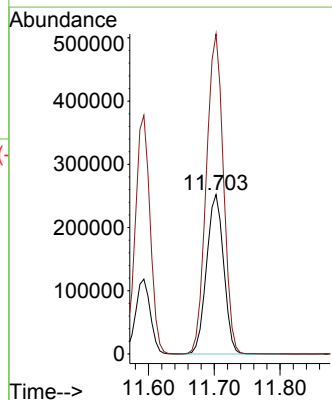
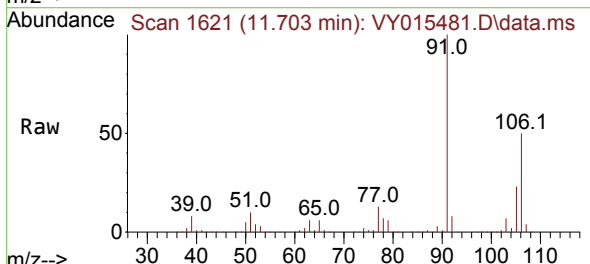
Acq: 11 Sep 2023 10:54

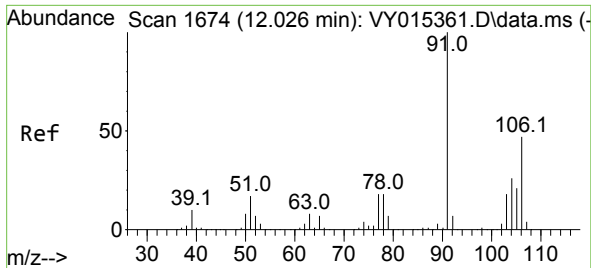
Tgt Ion:106 Resp: 455250

Ion Ratio Lower Upper

106 100

91 200.9 166.1 249.1

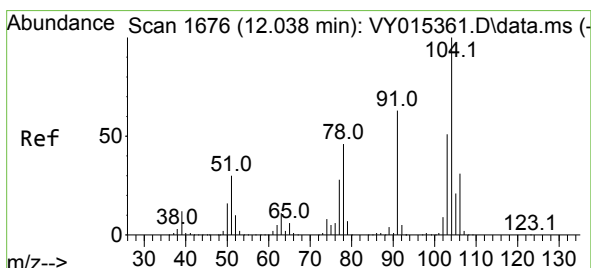
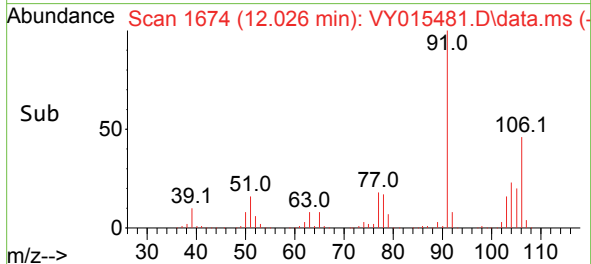
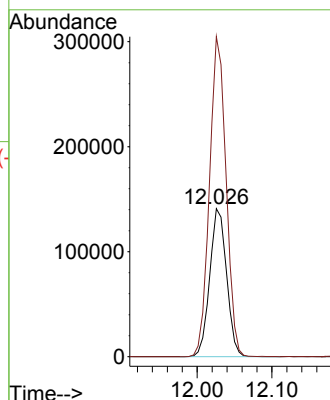
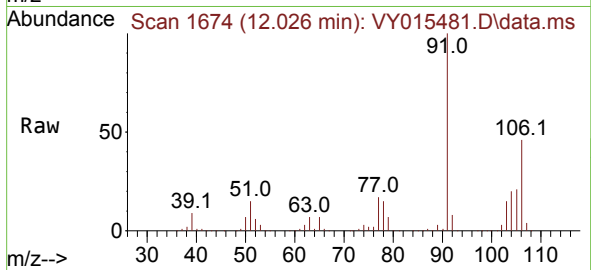




#69
o-Xylene
Concen: 53.480 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

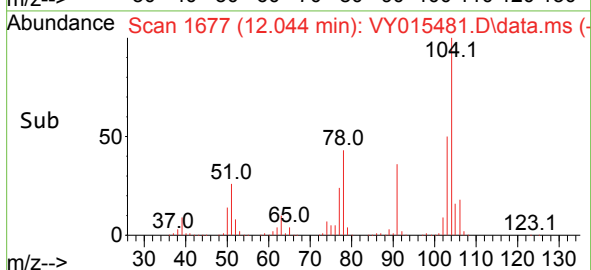
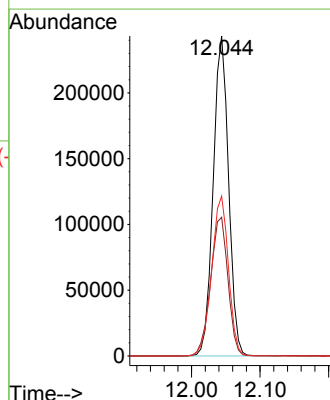
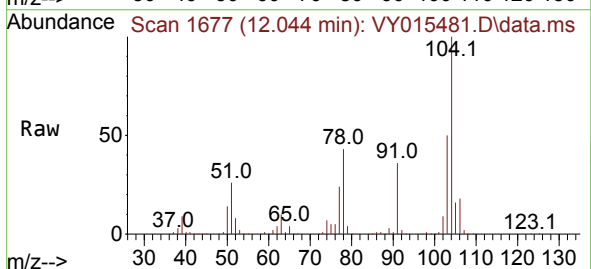
Instrument :
MSVOA_Y
ClientSampleId :

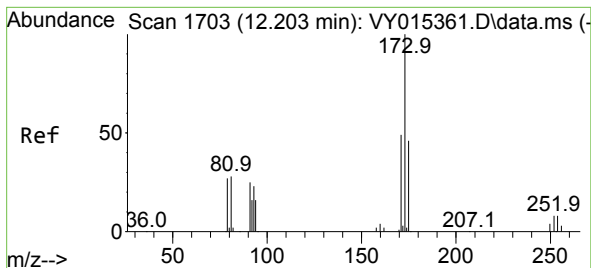
Tgt Ion:106 Resp: 220287
Ion Ratio Lower Upper
106 100
91 213.2 108.1 324.3



#70
Styrene
Concen: 54.751 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion:104 Resp: 379201
Ion Ratio Lower Upper
104 100
78 49.1 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 59.662 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

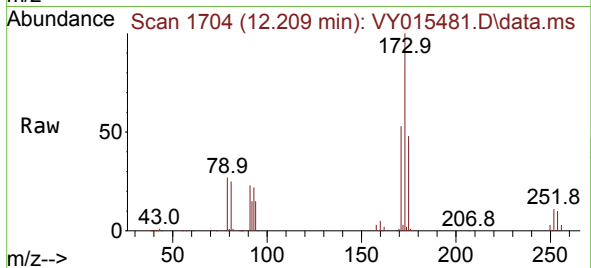
Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :



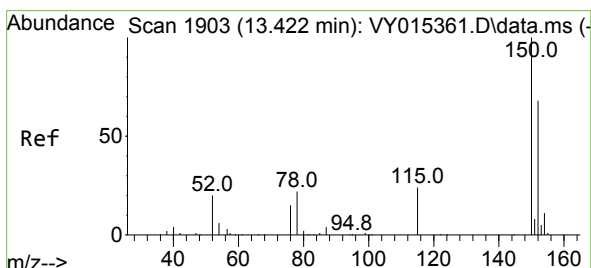
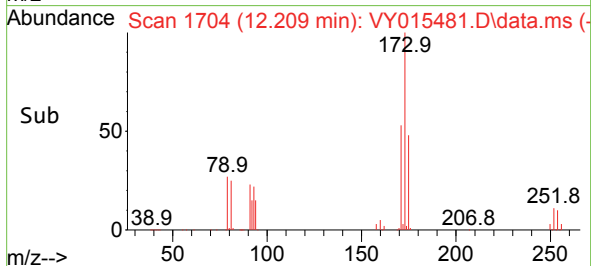
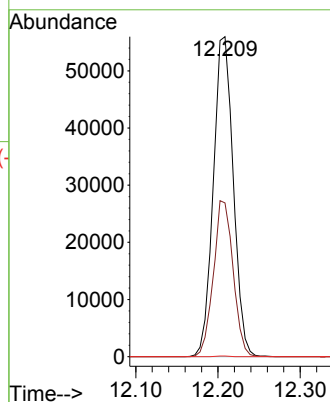
Tgt Ion:173 Resp: 94328

Ion Ratio Lower Upper

173 100

175 48.2 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: VY015481.D

Acq: 11 Sep 2023 10:54

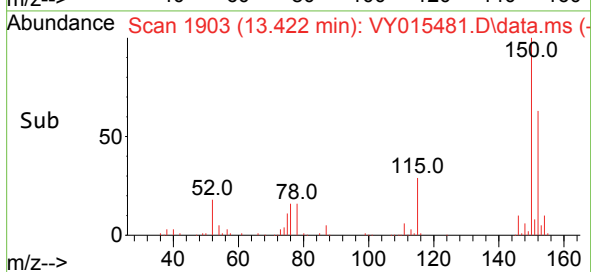
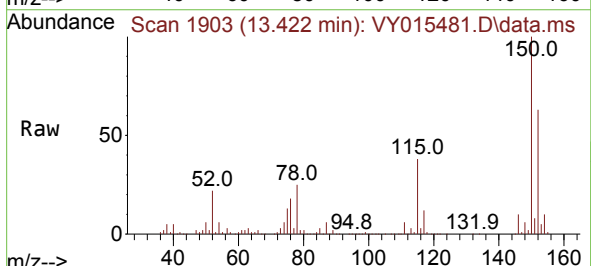
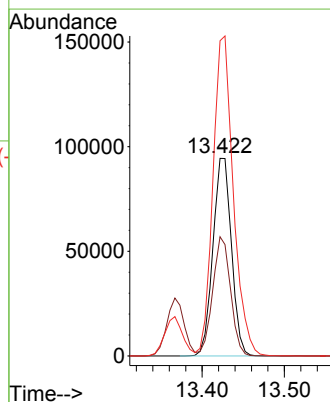
Tgt Ion:152 Resp: 147859

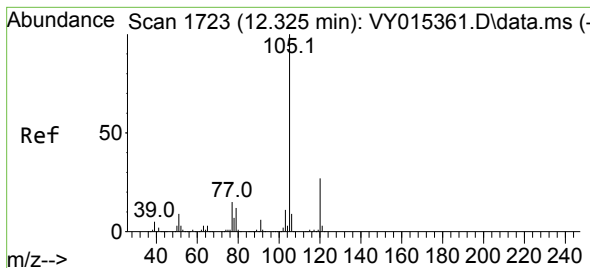
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 177.7 0.0 348.8





#73

Isopropylbenzene

Concen: 52.543 ug/l

RT: 12.330 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

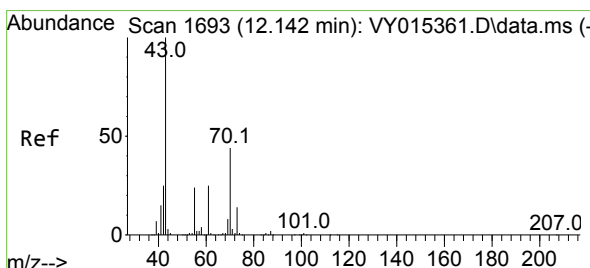
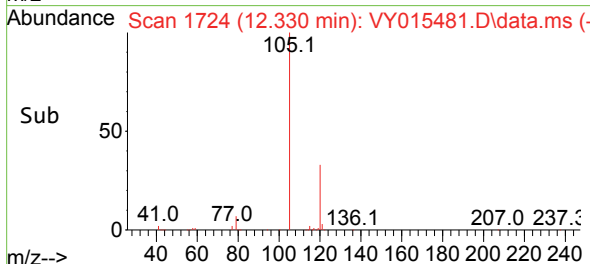
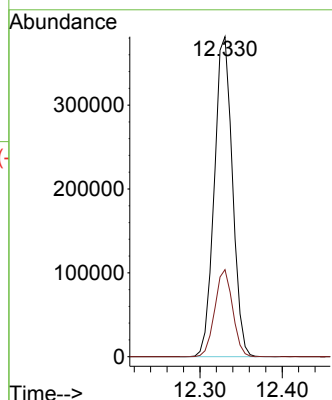
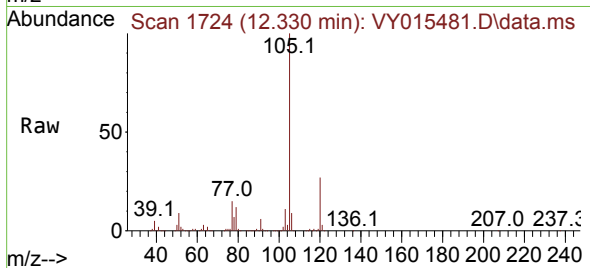
ClientSampleId :

Tgt Ion:105 Resp: 583549

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 56.626 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Tgt Ion: 43 Resp: 211286

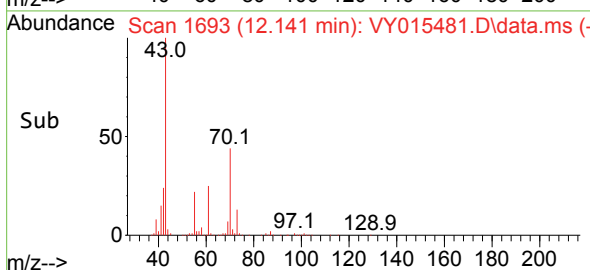
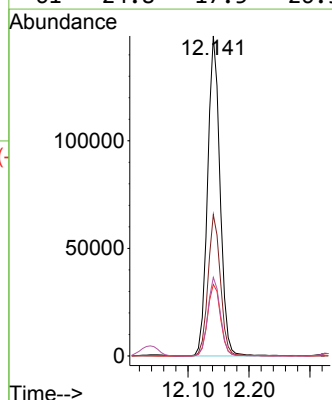
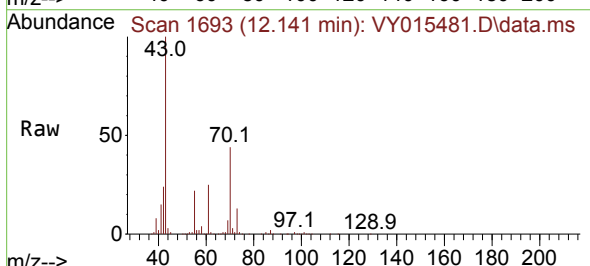
Ion Ratio Lower Upper

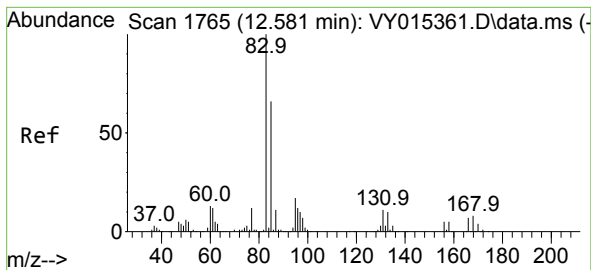
43 100

70 43.9 29.7 44.5

55 23.4 18.3 27.5

61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.925 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

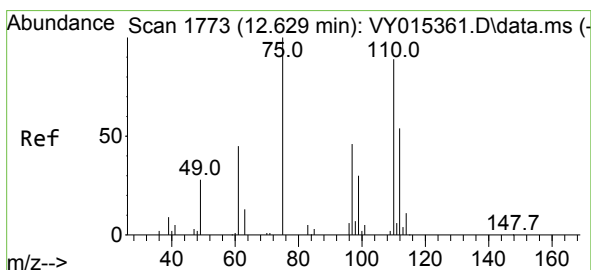
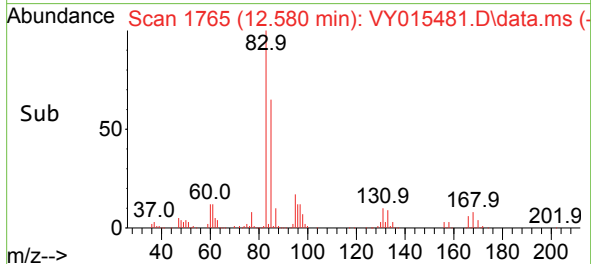
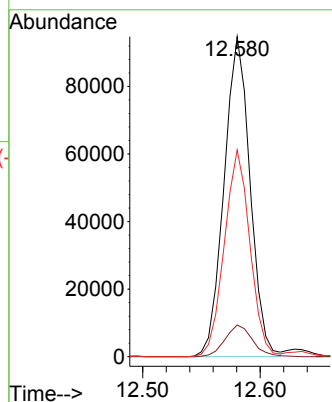
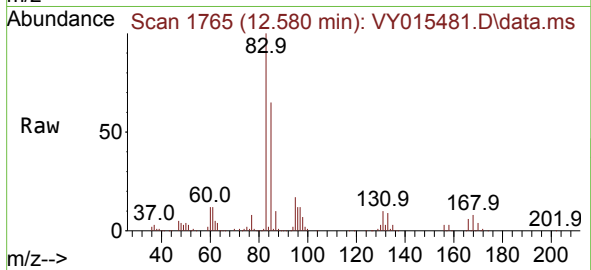
Tgt Ion: 83 Resp: 145620

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 100.443 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015481.D

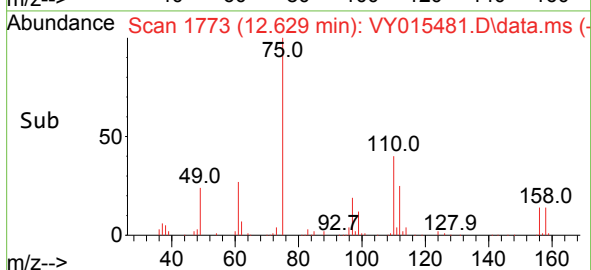
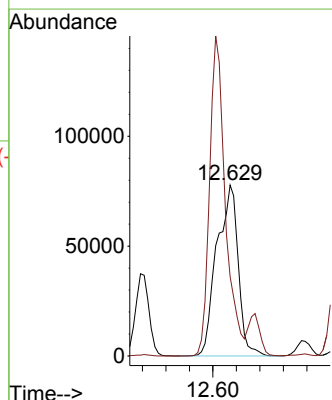
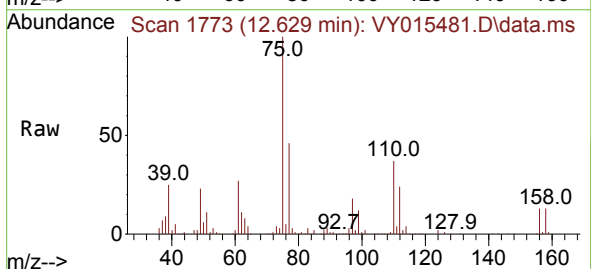
Acq: 11 Sep 2023 10:54

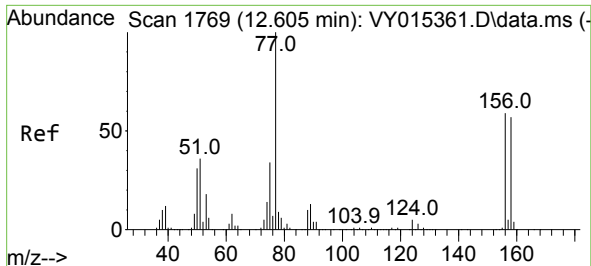
Tgt Ion: 75 Resp: 196945

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

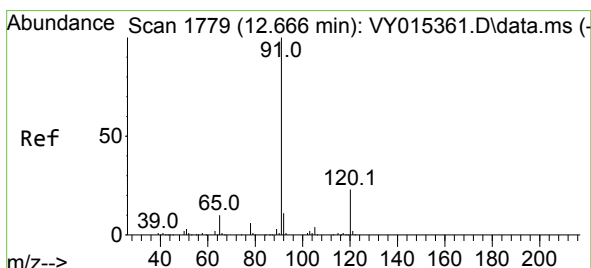
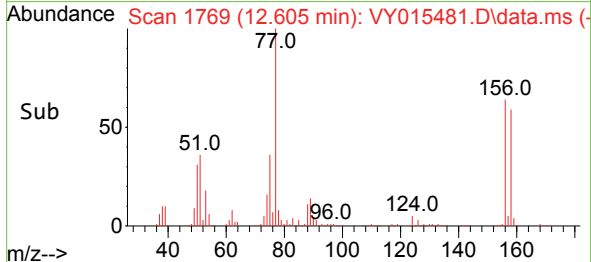
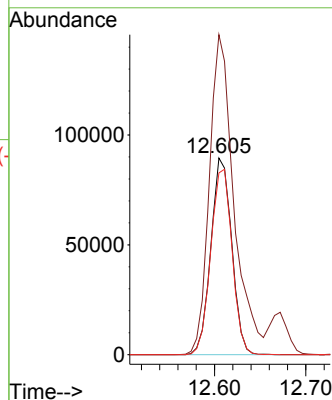
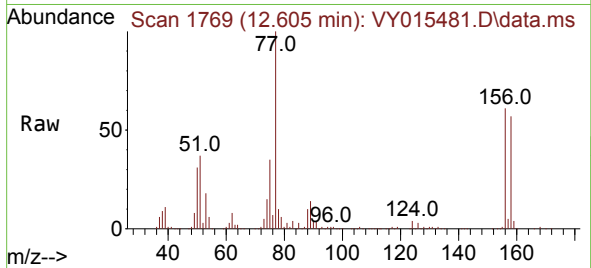




#77
Bromobenzene
Concen: 54.016 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

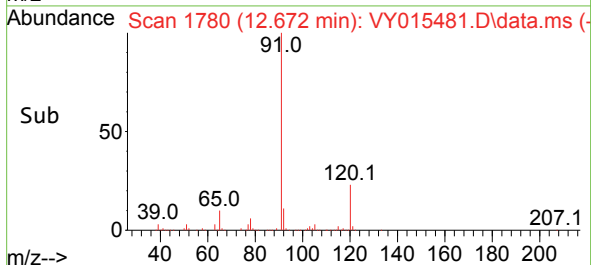
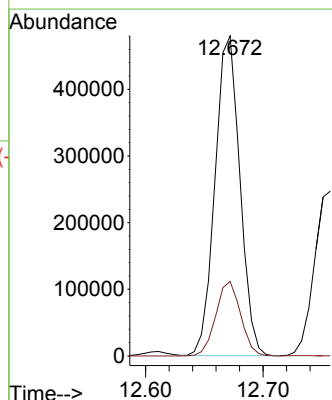
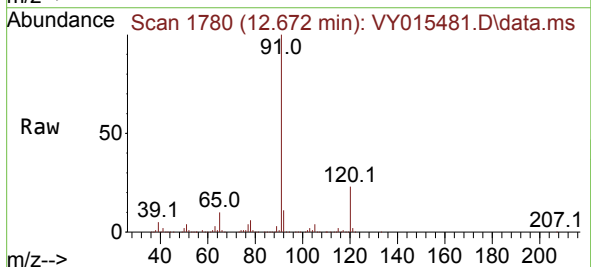
Instrument :
MSVOA_Y
ClientSampleId :

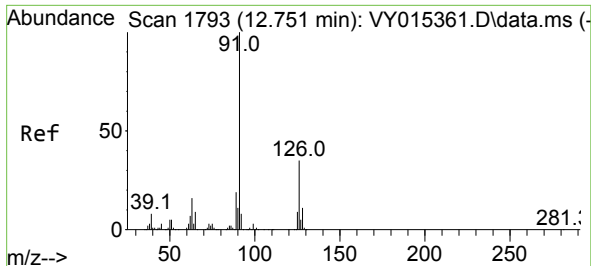
Tgt Ion:156 Resp: 142087
Ion Ratio Lower Upper
156 100
77 191.0 92.8 278.6
158 96.5 48.4 145.3



#78
n-propylbenzene
Concen: 52.550 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 91 Resp: 706205
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

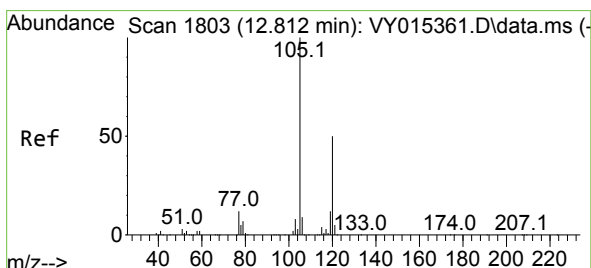
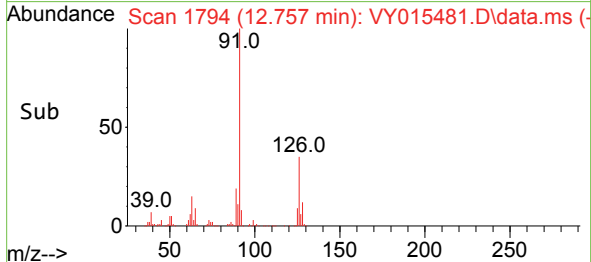
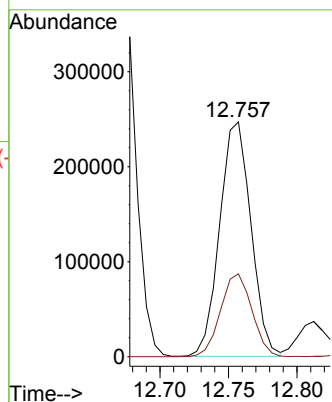
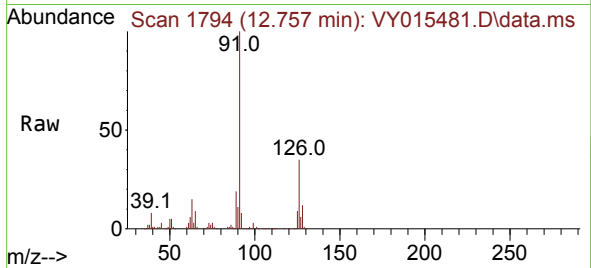




#79
2-Chlorotoluene
Concen: 52.109 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

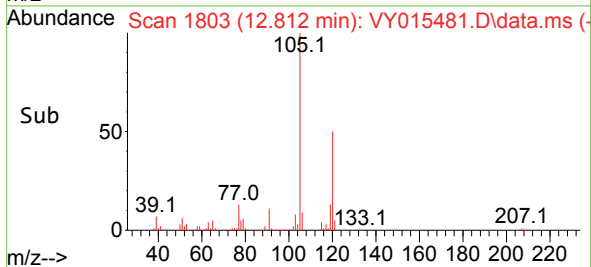
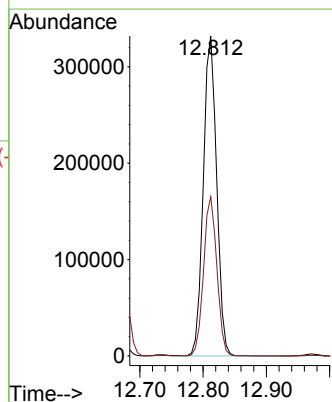
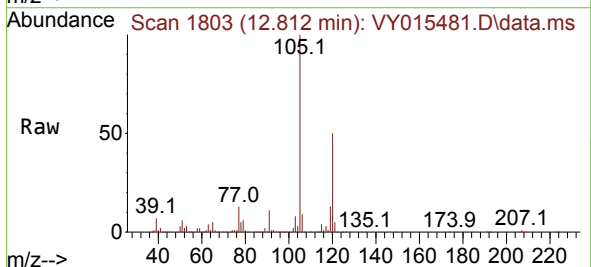
Instrument :
MSVOA_Y
ClientSampleId :

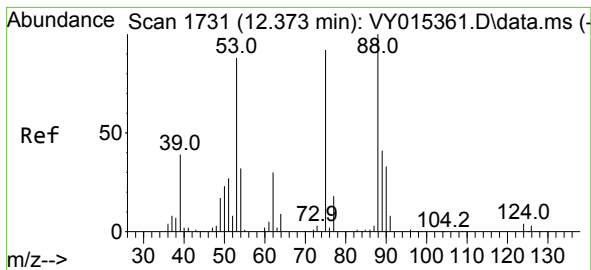
Tgt Ion: 91 Resp: 392782
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.587 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 105 Resp: 488511
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

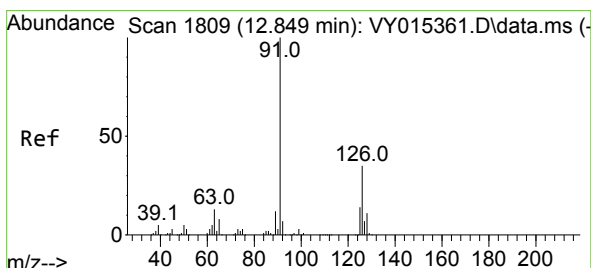
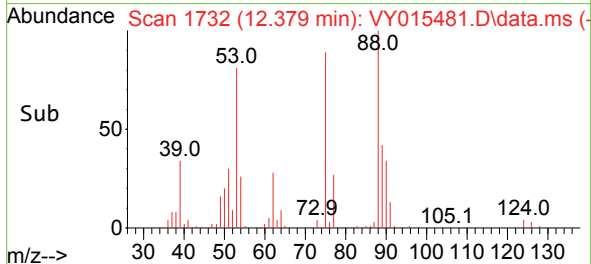
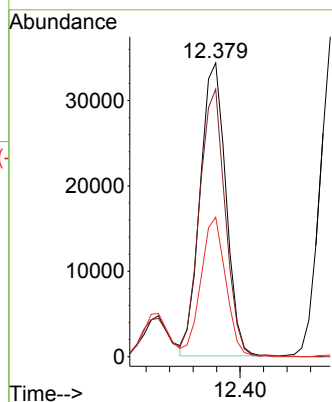
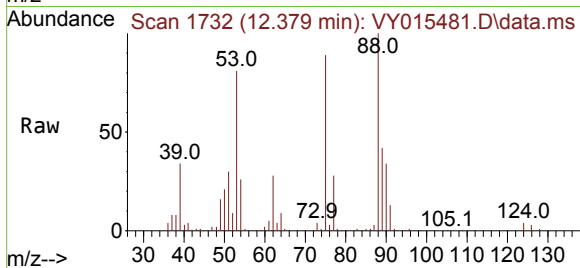




#81
trans-1,4-Dichloro-2-butene
Concen: 58.906 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

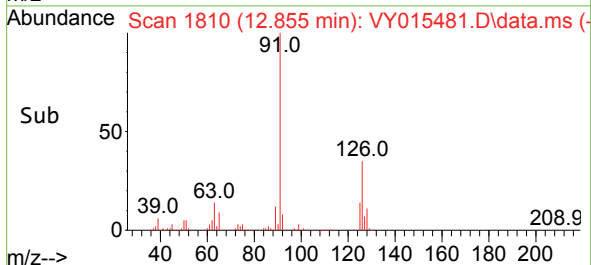
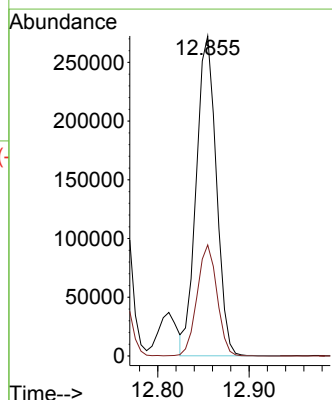
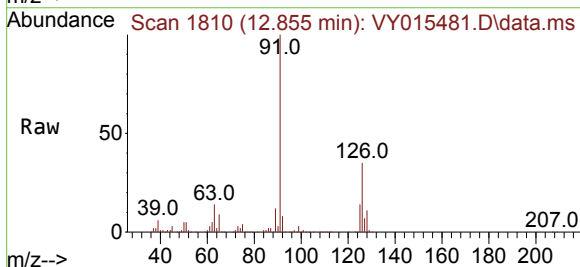
Instrument :
MSVOA_Y
ClientSampleId :

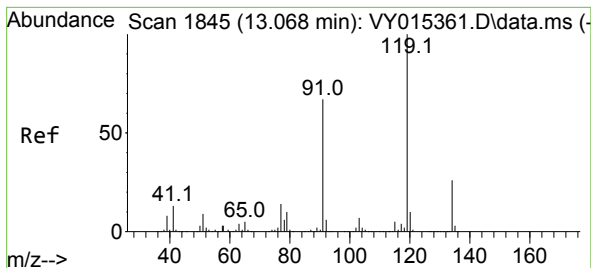
Tgt Ion: 75 Resp: 52360
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.114 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion: 91 Resp: 416082
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.465 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

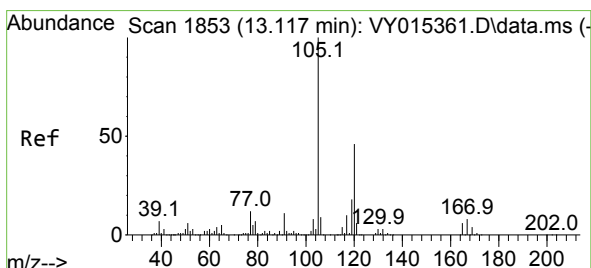
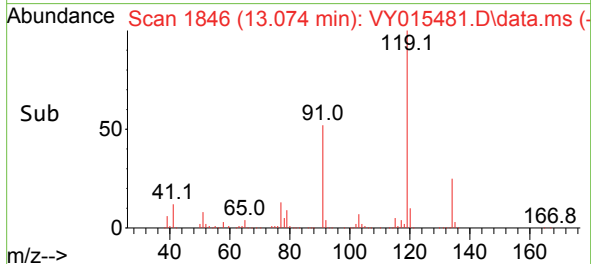
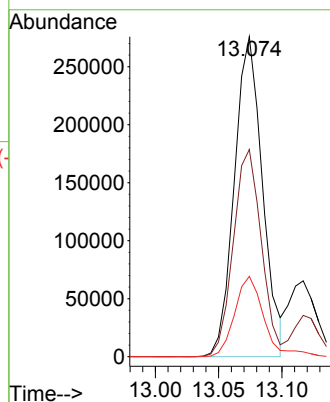
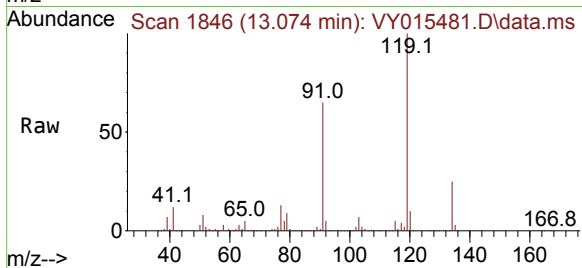
Tgt Ion:119 Resp: 426882

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.630 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015481.D

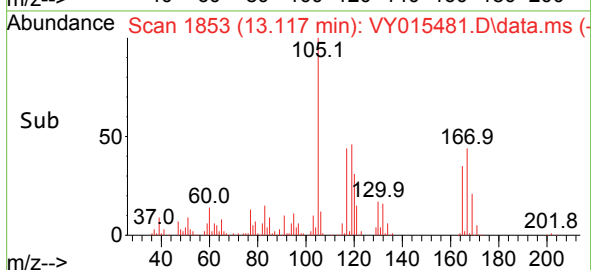
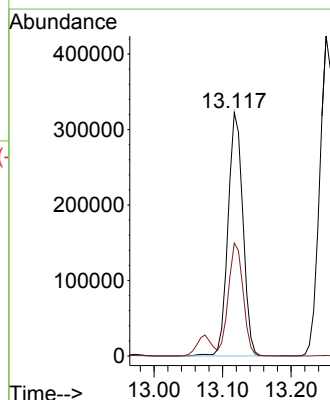
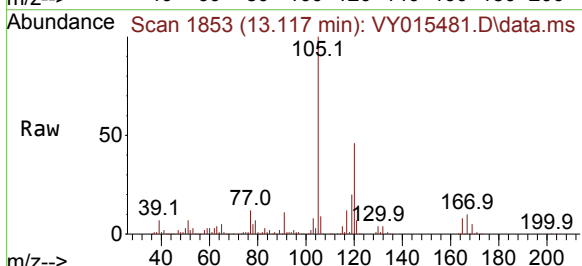
Acq: 11 Sep 2023 10:54

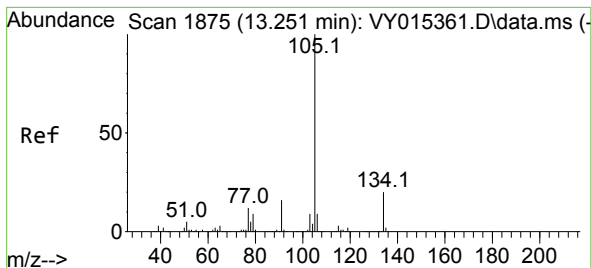
Tgt Ion:105 Resp: 485430

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.984 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

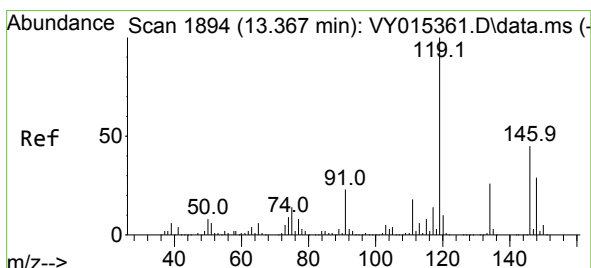
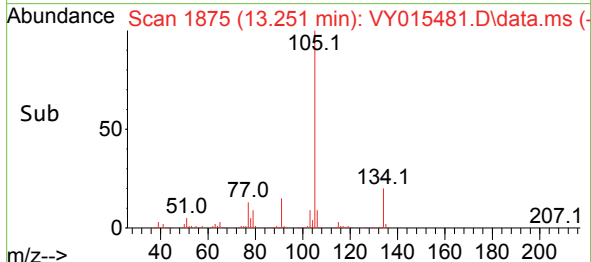
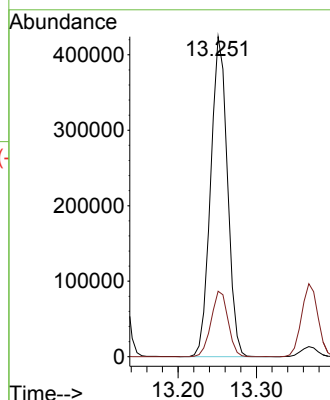
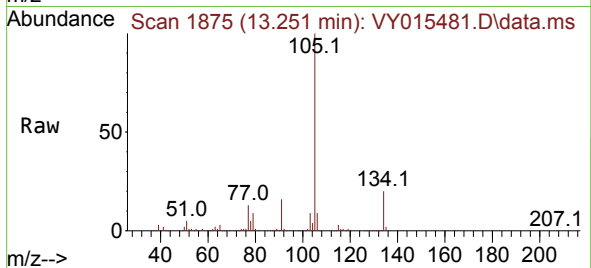
ClientSampleId :

Tgt Ion:105 Resp: 630871

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.280 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

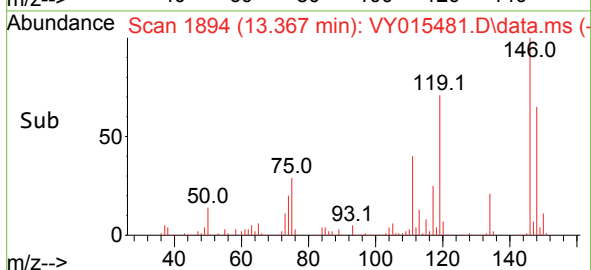
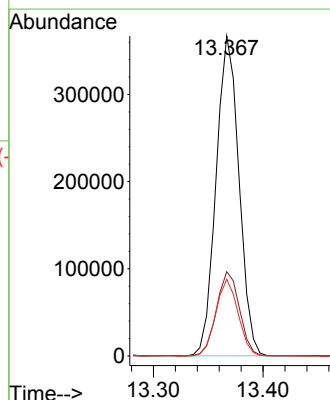
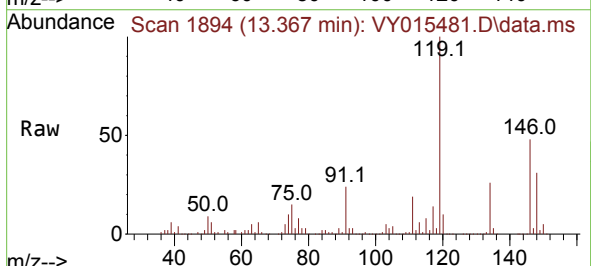
Tgt Ion:119 Resp: 531756

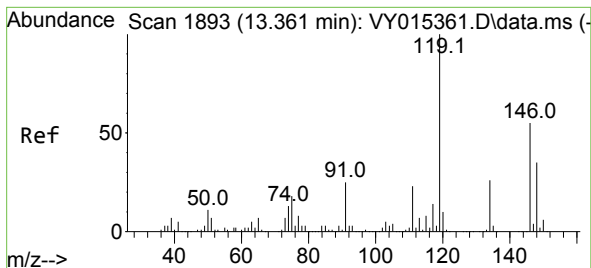
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.365 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

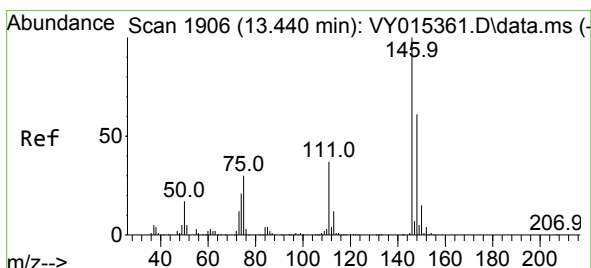
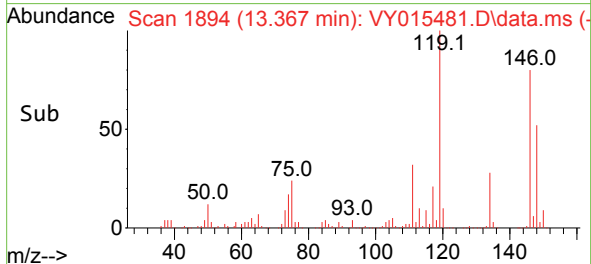
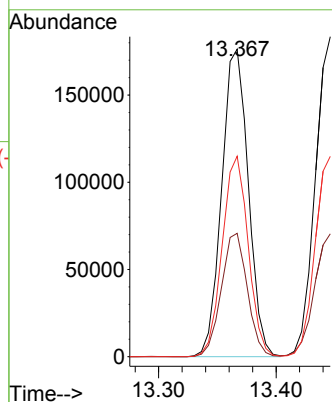
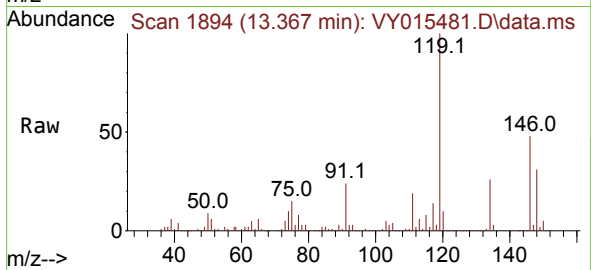
Tgt Ion:146 Resp: 277127

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.140 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

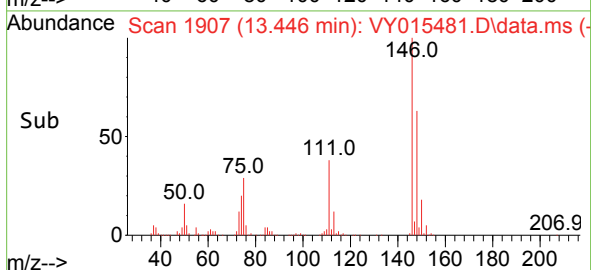
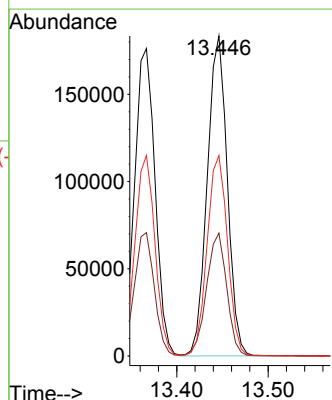
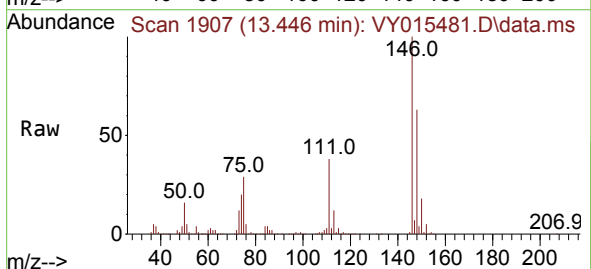
Tgt Ion:146 Resp: 278951

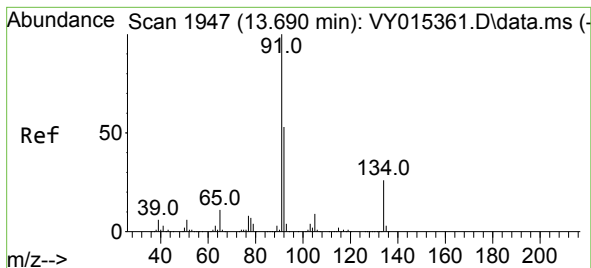
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 51.463 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

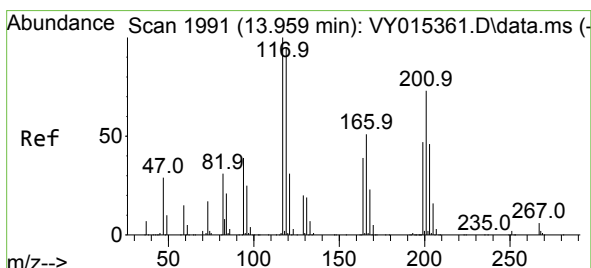
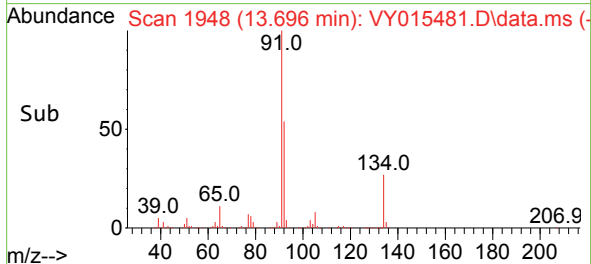
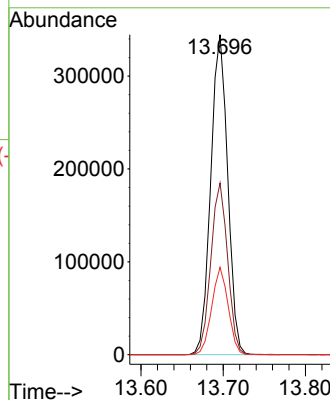
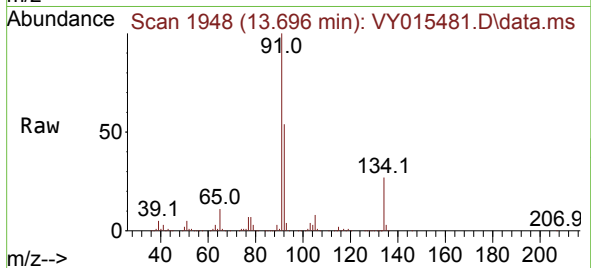
Tgt Ion: 91 Resp: 492674

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 54.109 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015481.D

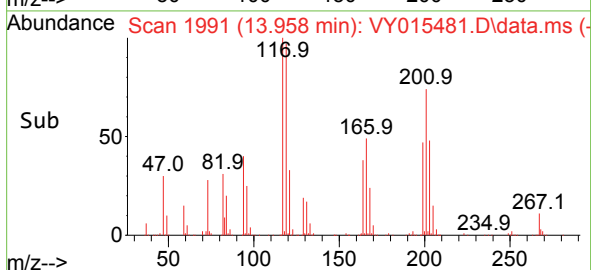
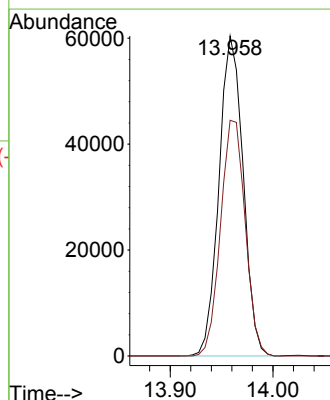
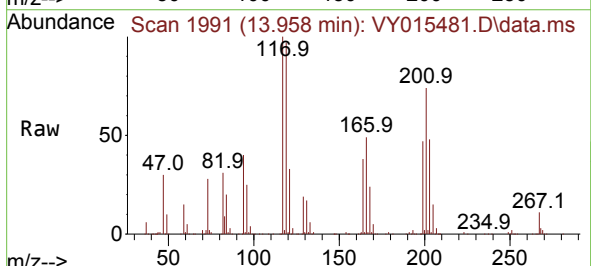
Acq: 11 Sep 2023 10:54

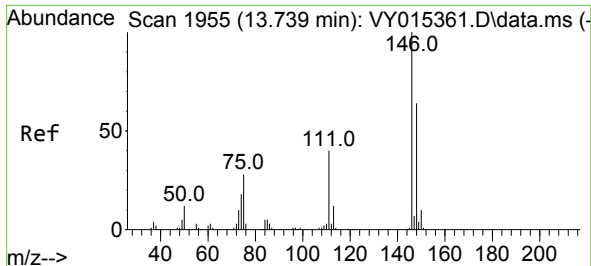
Tgt Ion: 117 Resp: 98431

Ion Ratio Lower Upper

117 100

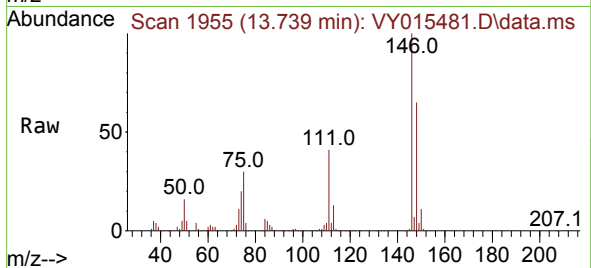
201 75.4 41.6 124.8



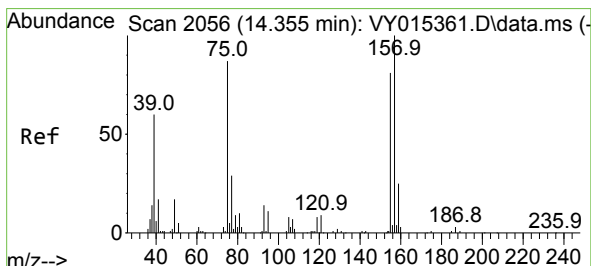
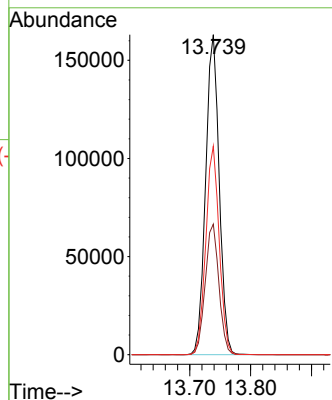
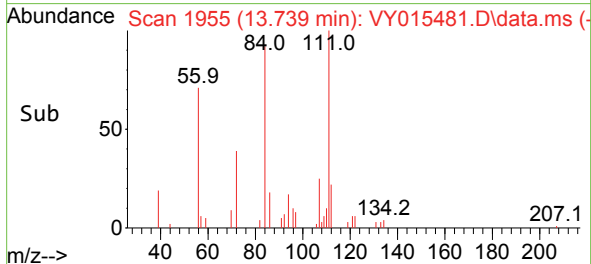


#91
1,2-Dichlorobenzene
Concen: 53.245 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

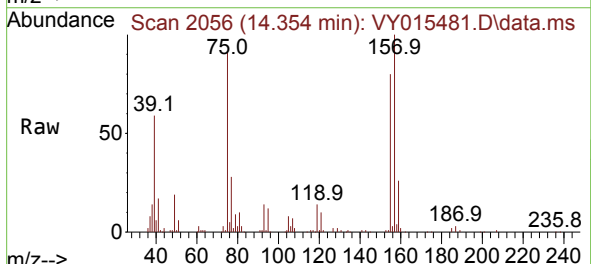
Instrument :
MSVOA_Y
ClientSampleId :



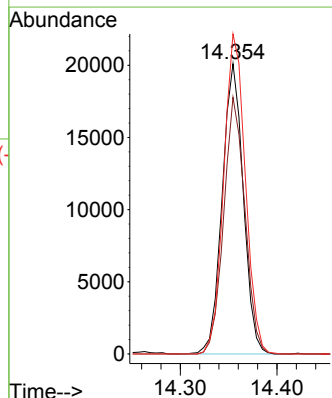
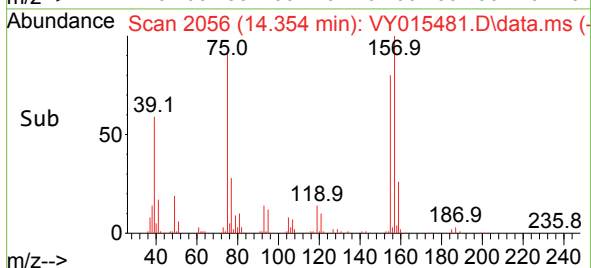
Tgt Ion:146 Resp: 252333
Ion Ratio Lower Upper
146 100
111 41.3 19.7 59.0
148 64.6 32.0 96.2

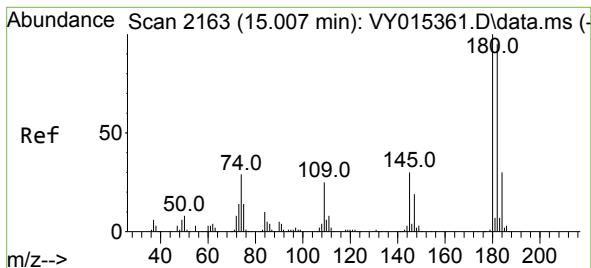


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.846 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54



Tgt Ion: 75 Resp: 30338
Ion Ratio Lower Upper
75 100
155 89.0 41.5 124.6
157 113.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.964 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

Instrument :

MSVOA_Y

ClientSampleId :

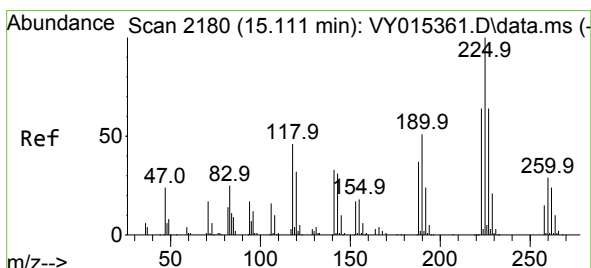
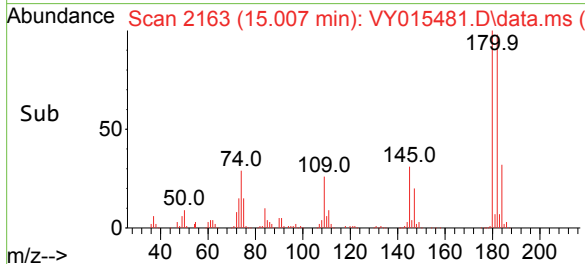
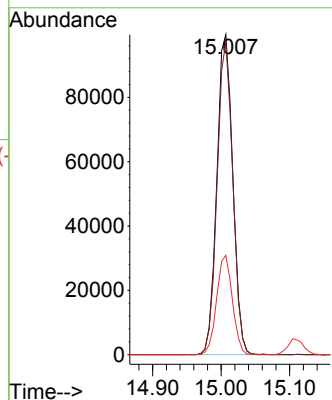
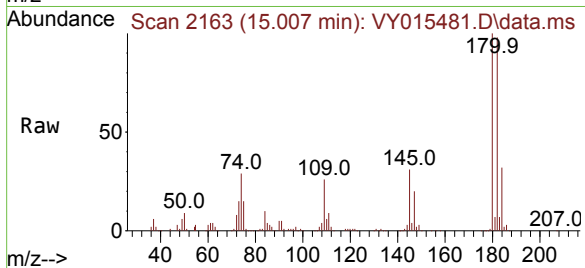
Tgt Ion:180 Resp: 160606

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.725 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015481.D

Acq: 11 Sep 2023 10:54

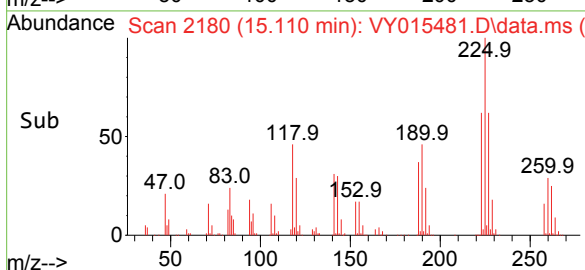
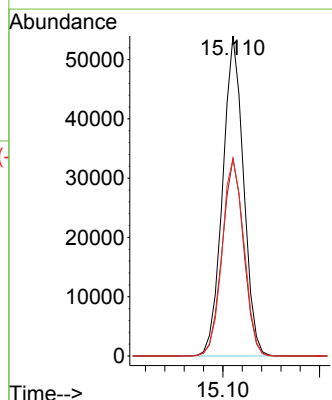
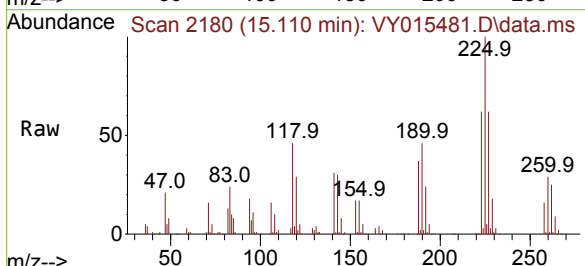
Tgt Ion:225 Resp: 80698

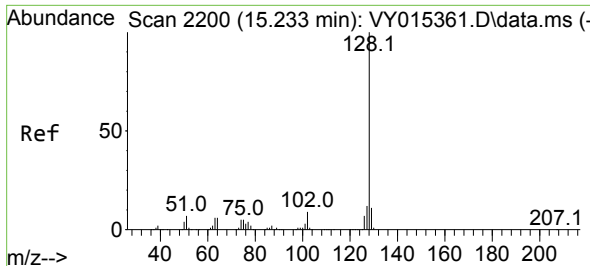
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.3 33.0 98.9

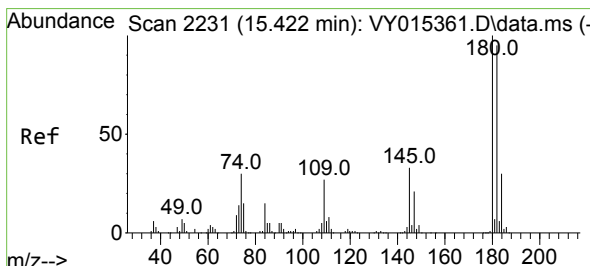
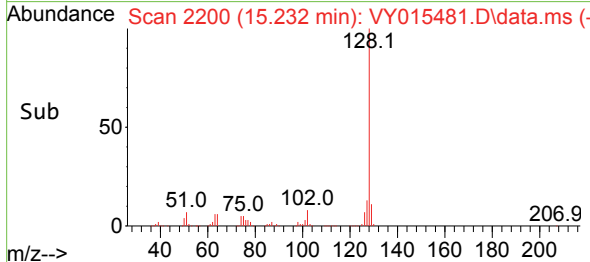
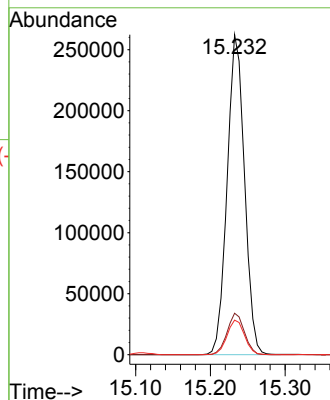
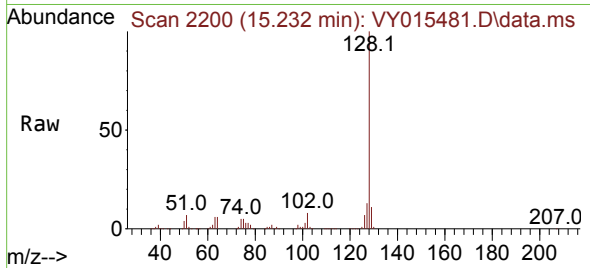




#95
Naphthalene
Concen: 57.532 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 424152
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.689 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015481.D
Acq: 11 Sep 2023 10:54

Tgt Ion:180 Resp: 148463
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 32.3 15.4 46.2

