

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015180.D
 Acq On : 17 Aug 2023 18:26
 Operator : SY/MD
 Sample : 03975-06MS
 Misc : 7.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 00:56:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102300	54.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.260%	
35) Dibromofluoromethane	7.716	113	90137	52.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.179	98	323997	50.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.477	95	113510	48.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	31283	46.471	ug/l	98
3) Chloromethane	2.113	50	48437	52.153	ug/l	99
4) Vinyl Chloride	2.247	62	60262	48.544	ug/l	99
5) Bromomethane	2.637	94	51048	60.459	ug/l	100
6) Chloroethane	2.784	64	47176	52.343	ug/l	98
7) Trichlorofluoromethane	3.119	101	103192	49.333	ug/l	95
8) Diethyl Ether	3.527	74	42308	51.573	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	61722	47.478	ug/l	97
10) Methyl Iodide	4.082	142	57065	44.703	ug/l	98
11) Tert butyl alcohol	4.960	59	66650	213.830	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	53923	49.674	ug/l	94
13) Acrolein	3.729	56	17040	113.835	ug/l	97
14) Allyl chloride	4.472	41	94624	49.165	ug/l	98
15) Acrylonitrile	5.161	53	146756	263.978	ug/l	98
16) Acetone	3.942	43	136643	223.353	ug/l	96
17) Carbon Disulfide	4.186	76	91538	47.915	ug/l	98
18) Methyl Acetate	4.472	43	129056	57.565	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	259431	56.206	ug/l	99
20) Methylene Chloride	4.710	84	93829	65.288	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	63069	51.507	ug/l	91
22) Diisopropyl ether	6.118	45	253505	52.786	ug/l	91
23) Vinyl Acetate	6.057	43	403879	140.941	ug/l	95
24) 1,1-Dichloroethane	6.015	63	138493	53.266	ug/l	95
25) 2-Butanone	6.984	43	213035	245.938	ug/l	95
26) 2,2-Dichloropropane	6.984	77	111788	44.600	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	87893	52.547	ug/l	94
28) Bromochloromethane	7.332	49	62348	52.195	ug/l	97
29) Tetrahydrofuran	7.344	42	132787	256.371	ug/l	94
30) Chloroform	7.502	83	157693	54.103	ug/l	95
31) Cyclohexane	7.783	56	85094	50.918	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	129481	52.205	ug/l	99
36) 1,1-Dichloropropene	7.917	75	90495	47.424	ug/l	99
37) Ethyl Acetate	7.076	43	82785	46.543	ug/l	97
38) Carbon Tetrachloride	7.899	117	108024	47.834	ug/l	97
39) Methylcyclohexane	9.185	83	94413	44.136	ug/l	94
40) Benzene	8.161	78	291519	50.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	122481	133.542	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	106959	51.049	ug/l	96
43) Isopropyl Acetate	8.270	43	153846	47.497	ug/l	97
44) Trichloroethene	8.941	130	85671	51.545	ug/l	93
45) 1,2-Dichloropropane	9.215	63	82268	50.570	ug/l	98
46) Dibromomethane	9.301	93	53227	51.876	ug/l	96
47) Bromodichloromethane	9.496	83	128070	52.308	ug/l	98
48) Methyl methacrylate	9.289	41	73766	53.238	ug/l	95
49) 1,4-Dioxane	9.295	88	18746	913.671	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	472743	251.831	ug/l	95
52) Toluene	10.240	92	184885	48.622	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	123521	48.005	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	132955	49.063	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	80720	51.740	ug/l	95
56) Ethyl methacrylate	10.508	69	109582	47.995	ug/l	93
57) 1,3-Dichloropropane	10.788	76	130794	51.315	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	268729	252.910	ug/l	94
59) 2-Hexanone	10.831	43	348076	250.532	ug/l	94
60) Dibromochloromethane	10.983	129	95050	51.075	ug/l	97
61) 1,2-Dibromoethane	11.087	107	73614	49.670	ug/l	99
64) Tetrachloroethene	10.715	164	105359	62.968	ug/l	98
65) Chlorobenzene	11.514	112	215116	49.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	91534	51.554	ug/l	99
67) Ethyl Benzene	11.593	91	372804	48.626	ug/l	98
68) m/p-Xylenes	11.703	106	282462	97.003	ug/l	96
69) o-Xylene	12.026	106	143037	49.310	ug/l	98
70) Styrene	12.044	104	254409	50.674	ug/l	96
71) Bromoform	12.209	173	63915	49.659	ug/l #	100
73) Isopropylbenzene	12.331	105	379836	47.783	ug/l	100
74) N-amyl acetate	12.142	43	115357	40.194	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	98994	47.816	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	130591	86.952	ug/l #	100
77) Bromobenzene	12.605	156	95640	49.360	ug/l	98
78) n-propylbenzene	12.672	91	445811	47.228	ug/l	100
79) 2-Chlorotoluene	12.757	91	258922	47.549	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	315105	47.555	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	31037	45.391	ug/l	99
82) 4-Chlorotoluene	12.855	91	269235	47.857	ug/l	98
83) tert-Butylbenzene	13.075	119	284049	46.867	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	318278	48.069	ug/l	99
85) sec-Butylbenzene	13.251	105	415797	46.823	ug/l	100
86) p-Isopropyltoluene	13.367	119	344793	46.831	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	186170	48.442	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	188961	49.021	ug/l	99
89) n-Butylbenzene	13.696	91	318755	45.918	ug/l	97
90) Hexachloroethane	13.958	117	68201	46.694	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	178527	49.726	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19144	47.734	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	104892	45.508	ug/l	99
94) Hexachlorobutadiene	15.111	225	53416	42.605	ug/l	98
95) Naphthalene	15.233	128	292973	51.026	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	95785	46.015	ug/l	98

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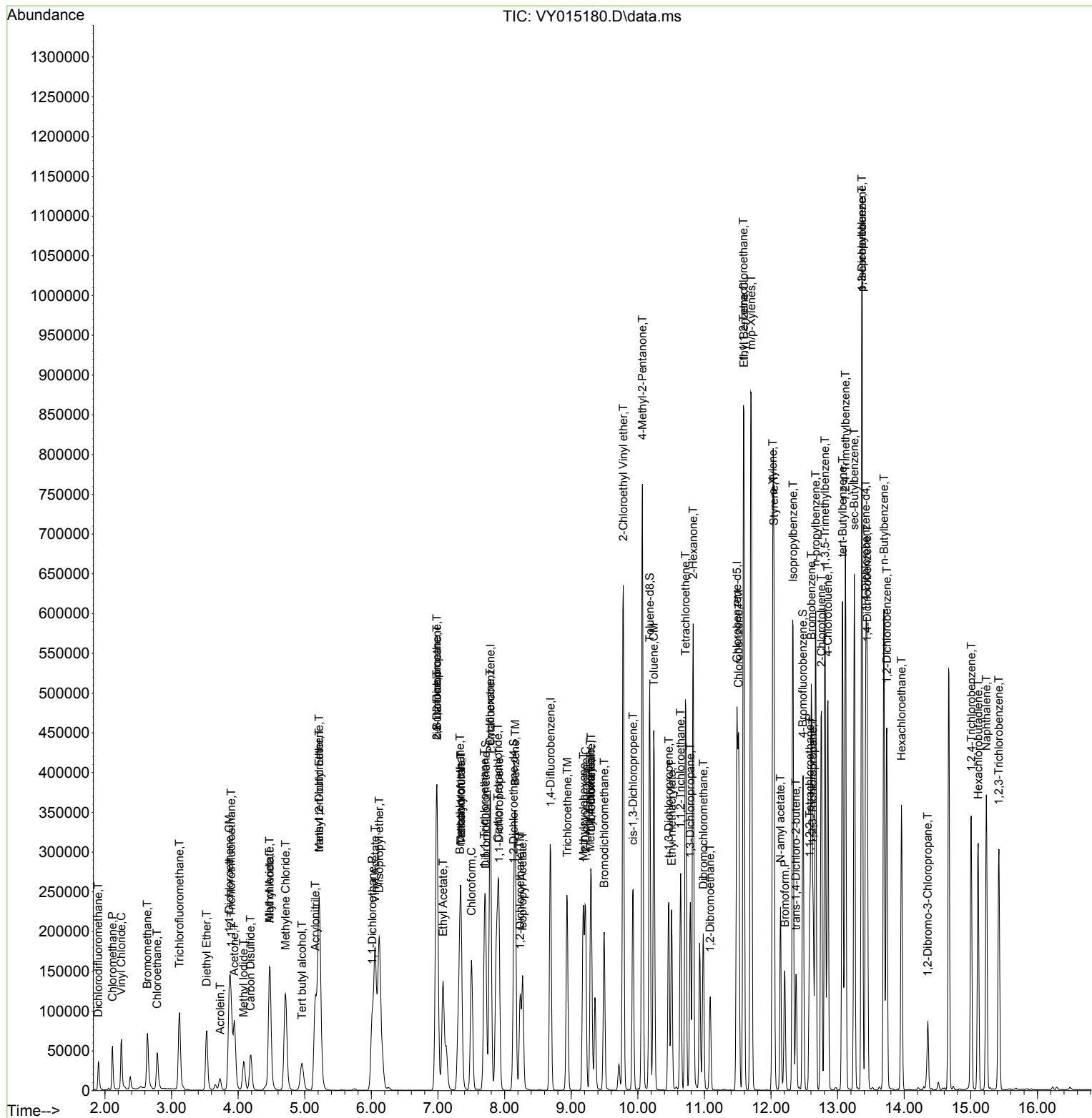
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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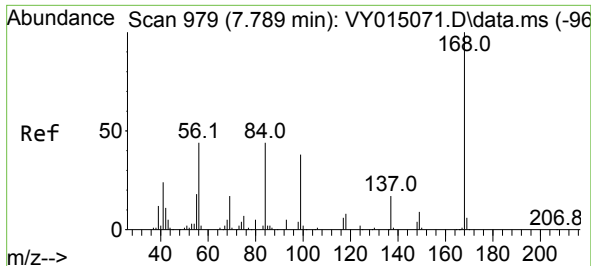
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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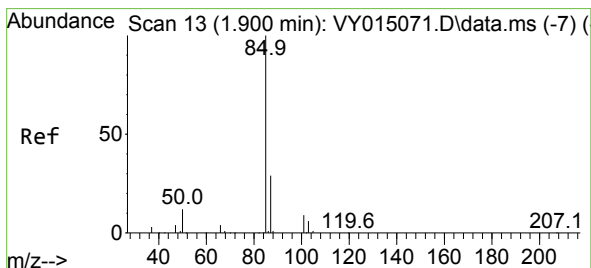
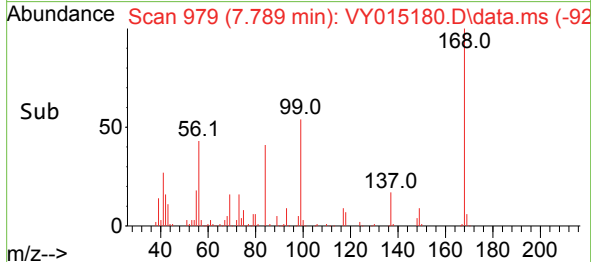
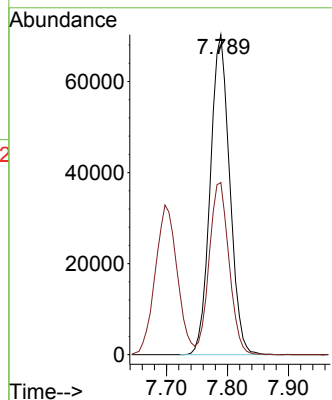
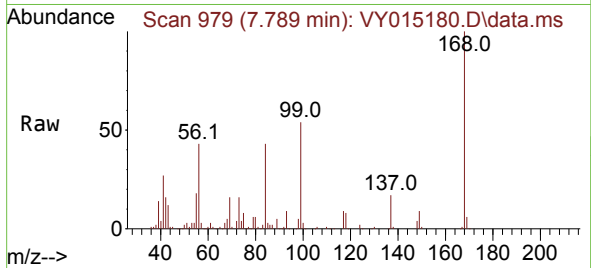




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015180.D
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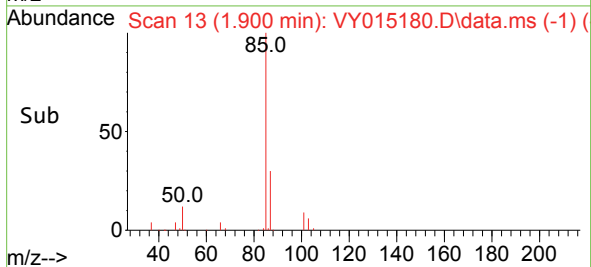
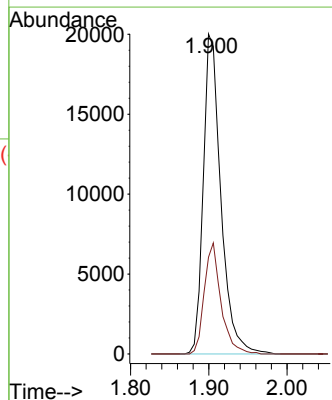
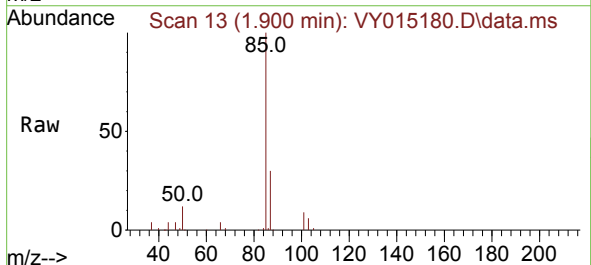
Instrument :
MSVOA_Y
ClientSampleId :

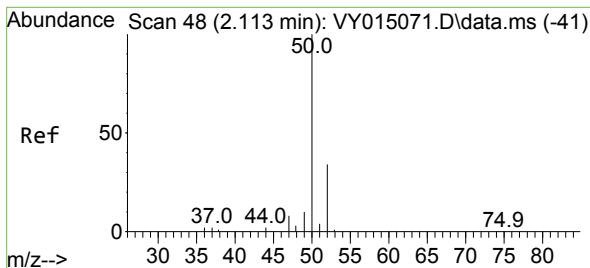
Tgt Ion:168 Resp: 156005
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.471 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 85 Resp: 31283
Ion Ratio Lower Upper
85 100
87 30.2 15.6 46.8





#3

Chloromethane

Concen: 52.153 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

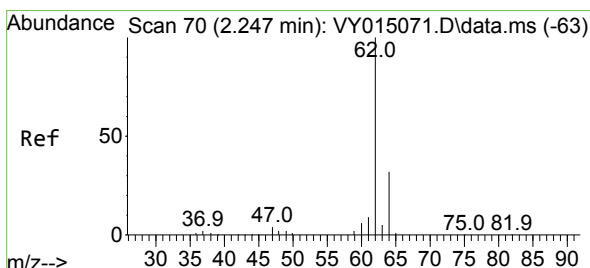
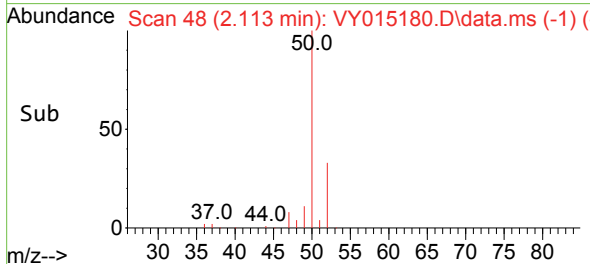
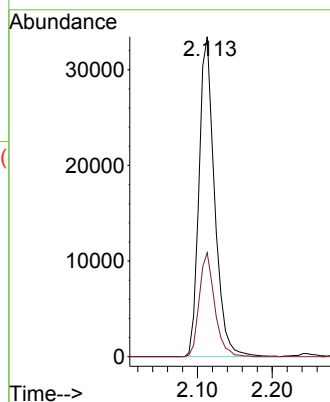
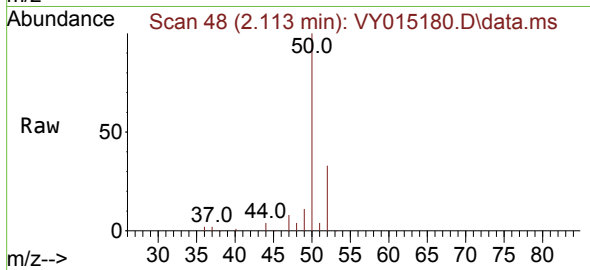
ClientSampleId :

Tgt Ion: 50 Resp: 48437

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2



#4

Vinyl Chloride

Concen: 48.544 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015180.D

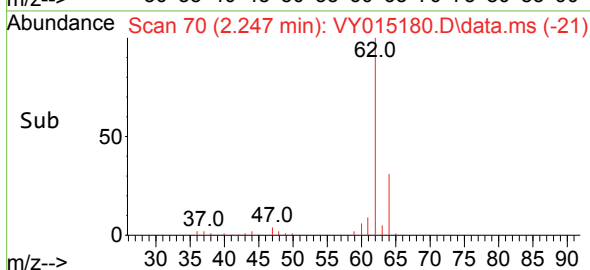
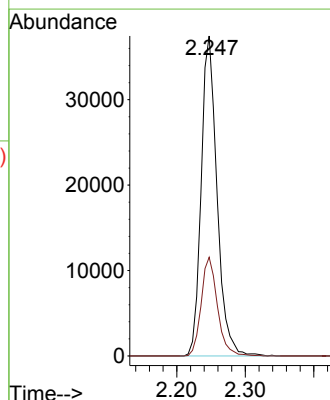
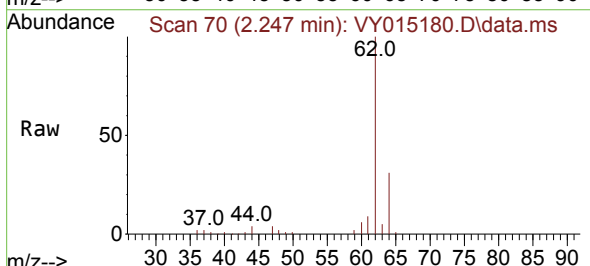
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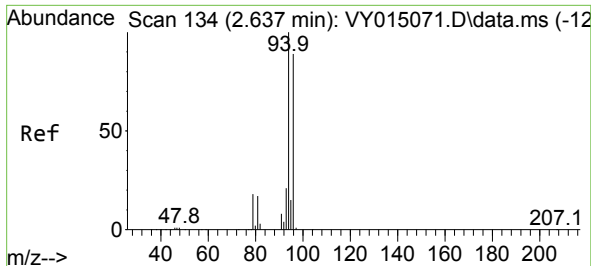
Tgt Ion: 62 Resp: 60262

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5

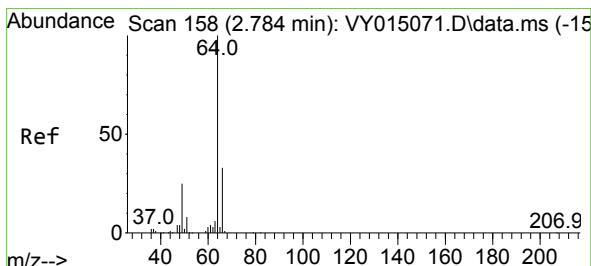
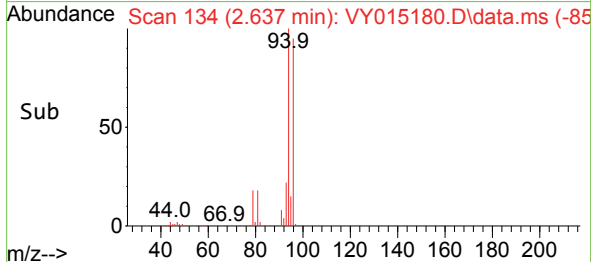
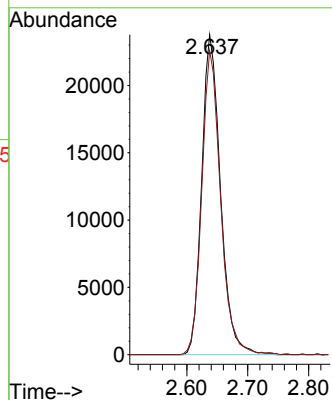
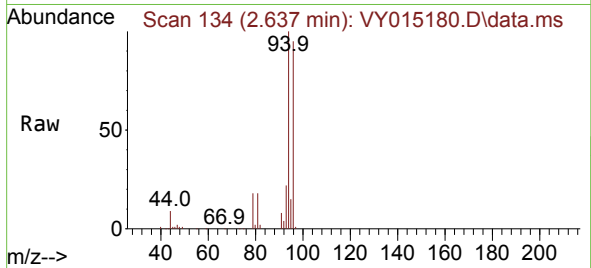




#5
Bromomethane
Concen: 60.459 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015180.D
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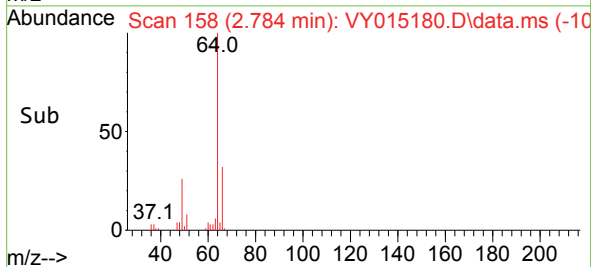
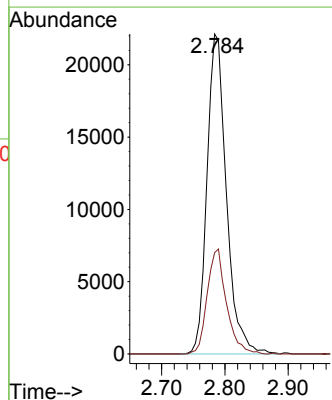
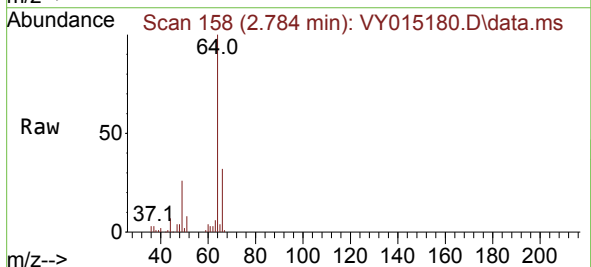
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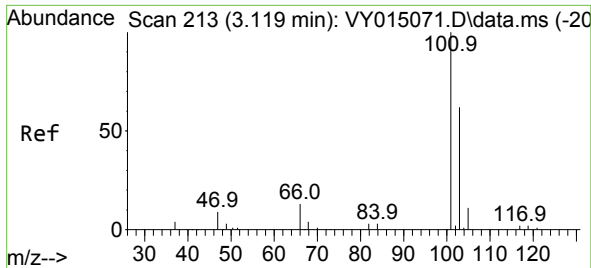
Tgt Ion: 94 Resp: 51048
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 52.343 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015180.D
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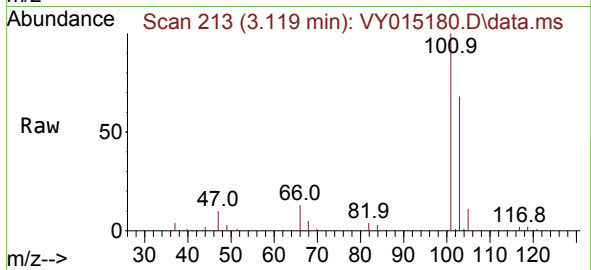
Tgt Ion: 64 Resp: 47176
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6



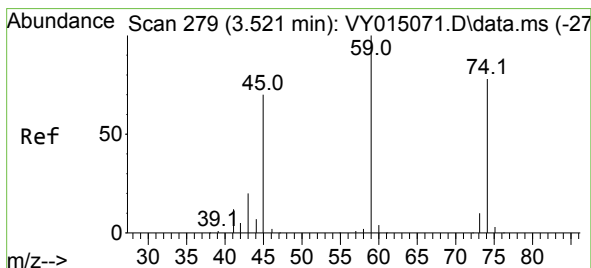
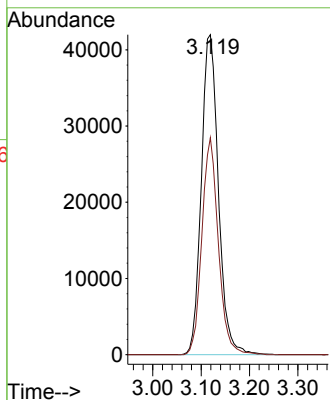
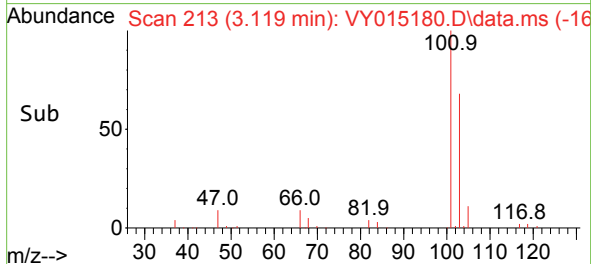


#7
 Trichlorofluoromethane
 Concen: 49.333 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015180.D
 Acq: 17 Aug 2023 18:26

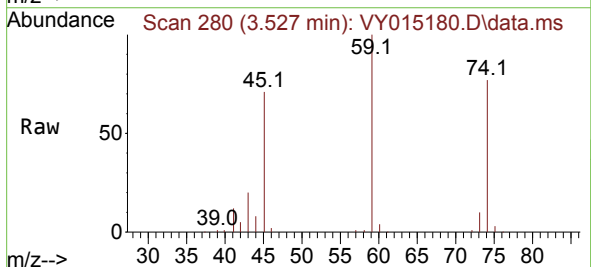
Instrument :
 MSVOA_Y
 ClientSampleId :



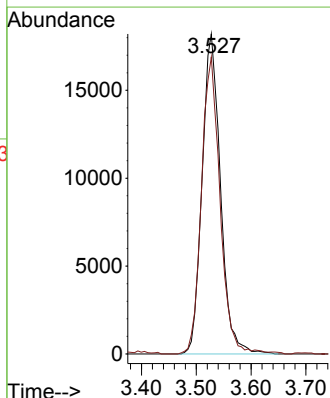
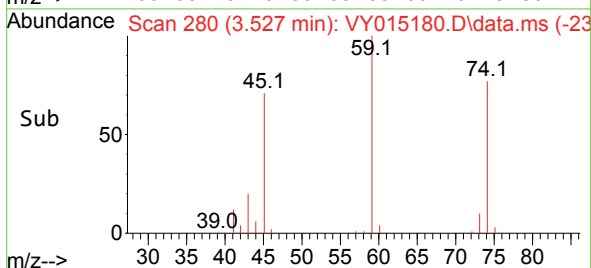
Tgt Ion:101 Resp: 103192
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.4 77.0

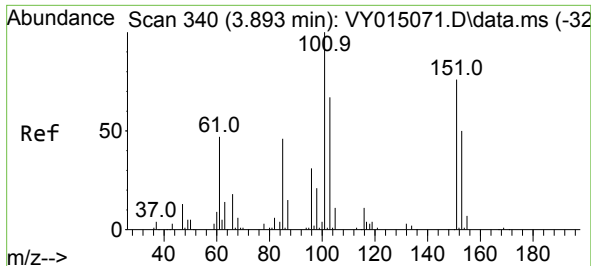


#8
 Diethyl Ether
 Concen: 51.573 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 42308
 Ion Ratio Lower Upper
 74 100
 45 94.3 51.5 154.5

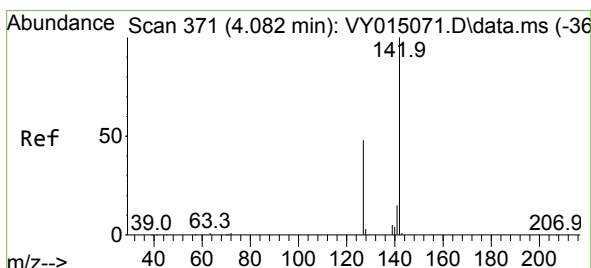
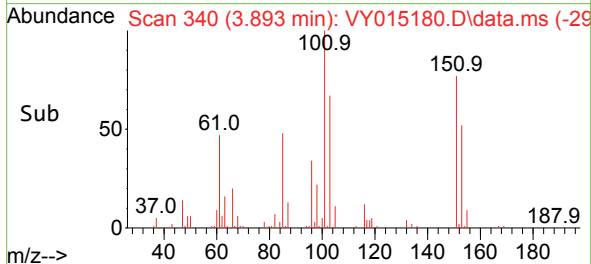
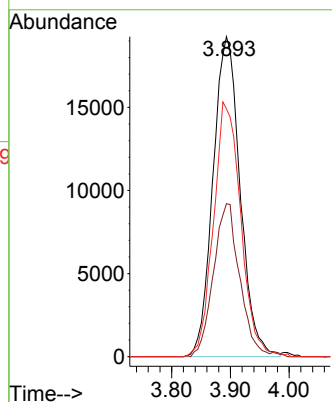
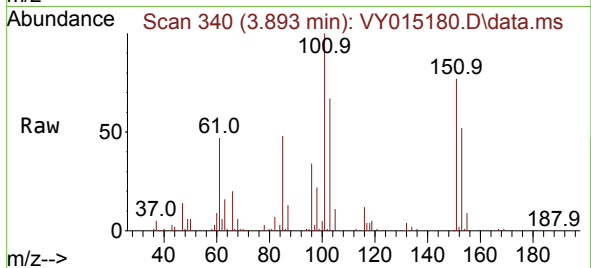




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.478 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

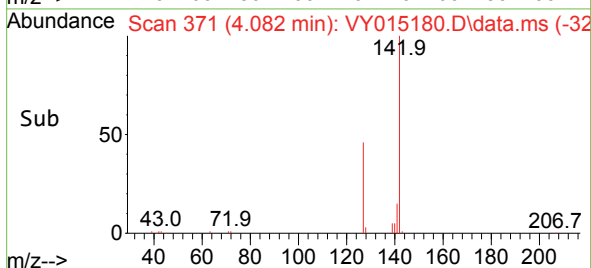
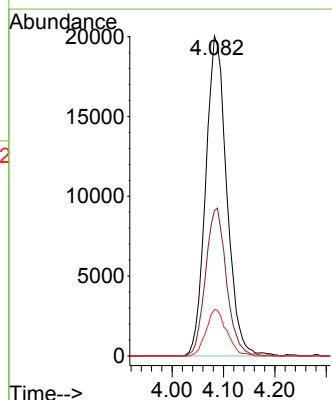
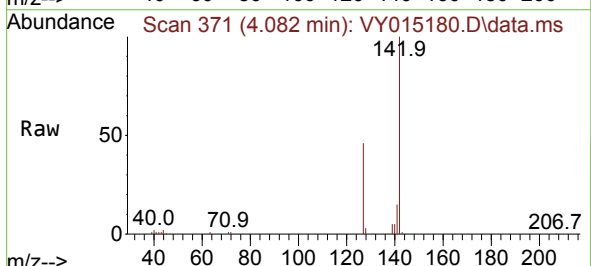
Instrument :
MSVOA_Y
ClientSampleId :

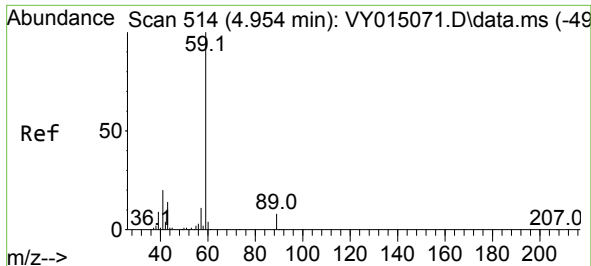
Tgt Ion:101 Resp: 61722
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 80.0 67.0 100.6



#10
Methyl Iodide
Concen: 44.703 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

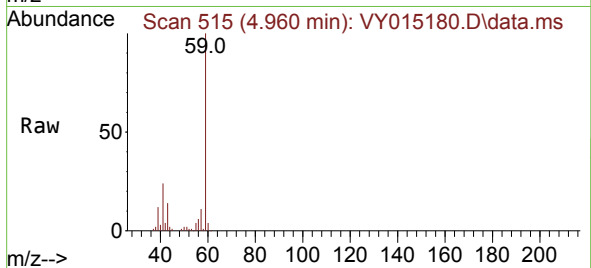
Tgt Ion:142 Resp: 57065
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.8 17.8



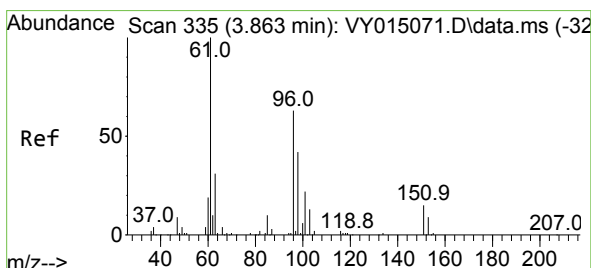
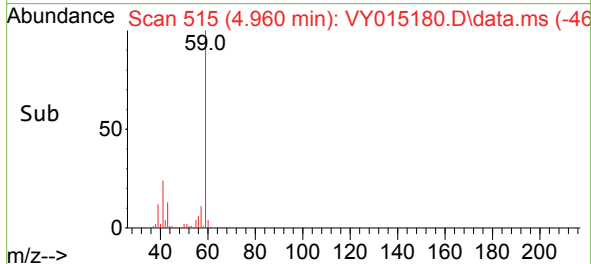
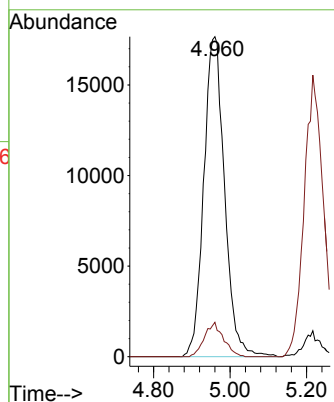


#11
Tert butyl alcohol
Concen: 213.830 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

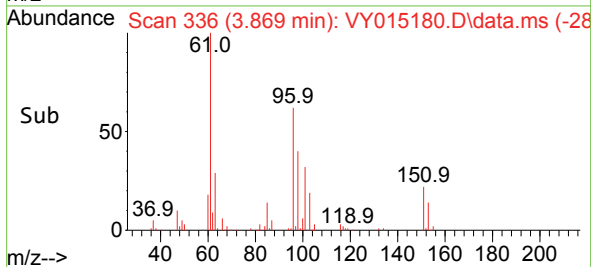
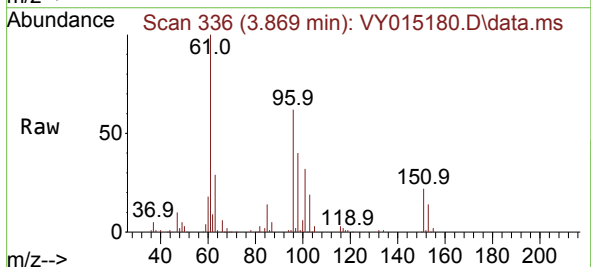
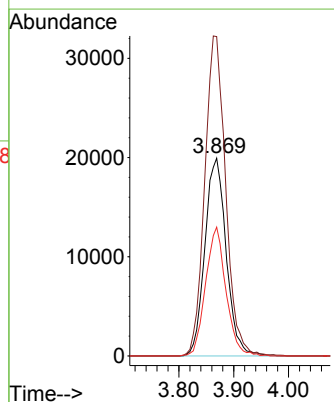


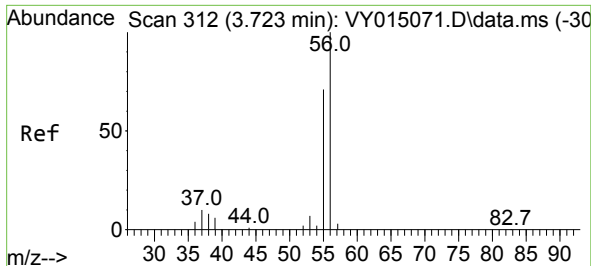
Tgt Ion: 59 Resp: 66650
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.674 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

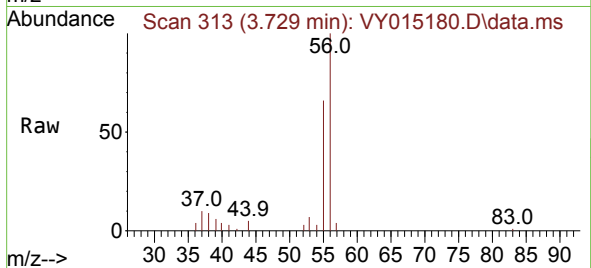
Tgt Ion: 96 Resp: 53923
Ion Ratio Lower Upper
96 100
61 161.4 136.4 204.6
98 65.1 49.4 74.2



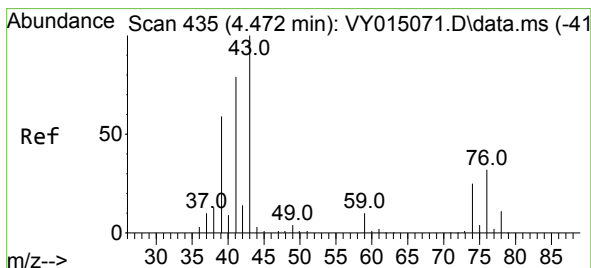
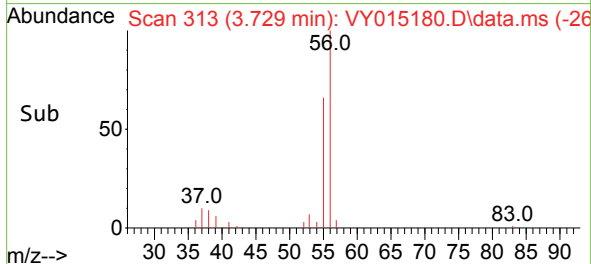
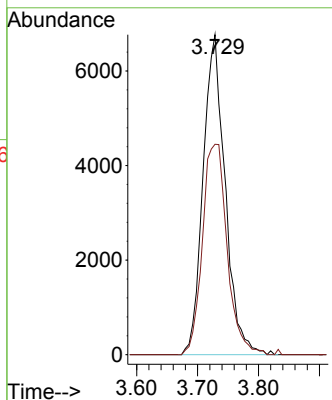


#13
Acrolein
Concen: 113.835 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

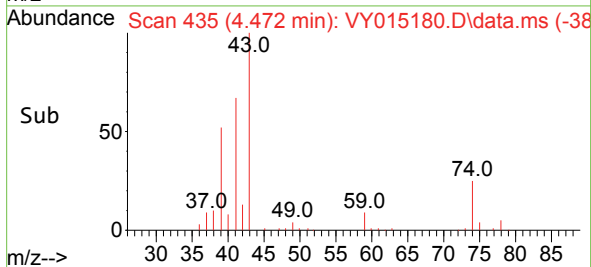
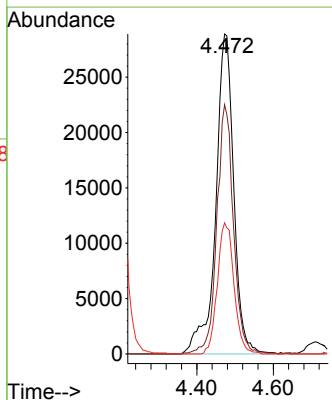
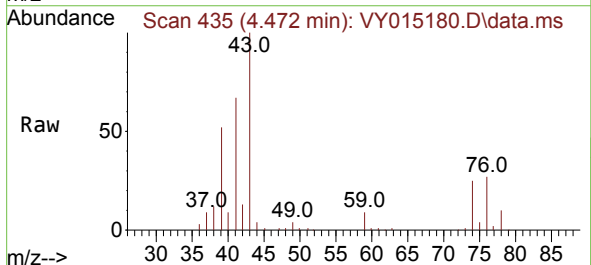


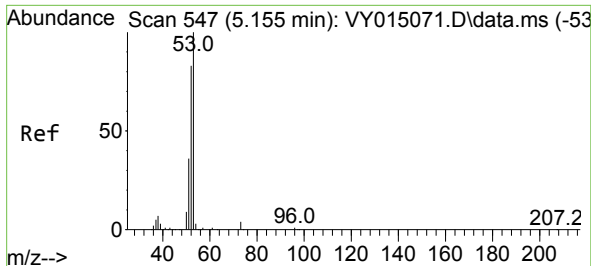
Tgt Ion: 56 Resp: 17040
Ion Ratio Lower Upper
56 100
55 73.6 57.0 85.4



#14
Allyl chloride
Concen: 49.165 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

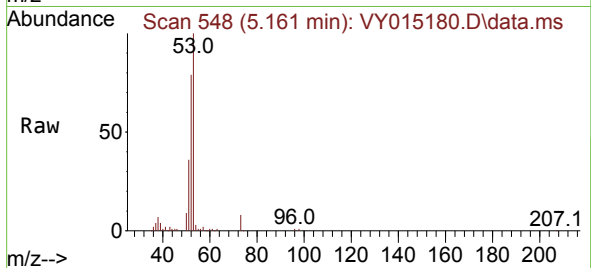
Tgt Ion: 41 Resp: 94624
Ion Ratio Lower Upper
41 100
39 72.1 58.0 87.0
76 37.8 27.4 41.2



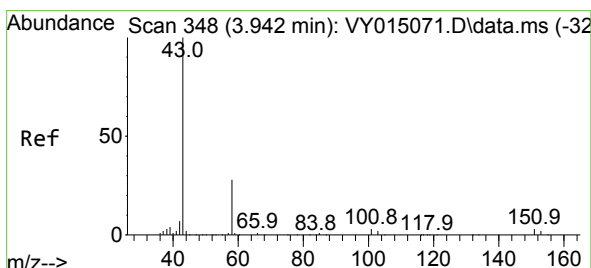
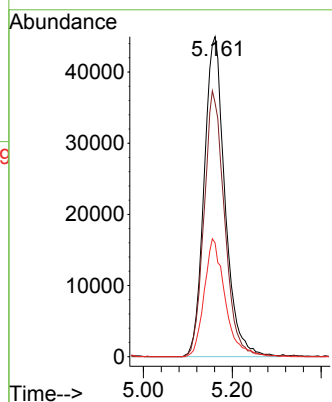
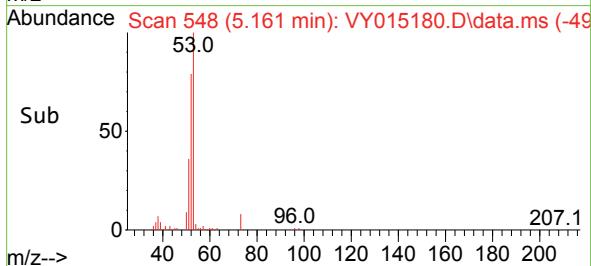


#15
Acrylonitrile
Concen: 263.978 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

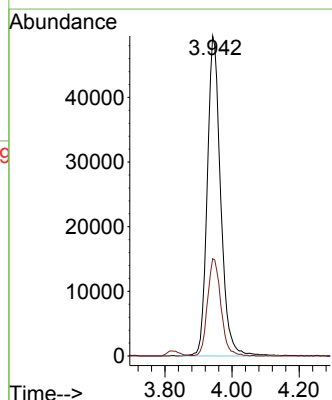
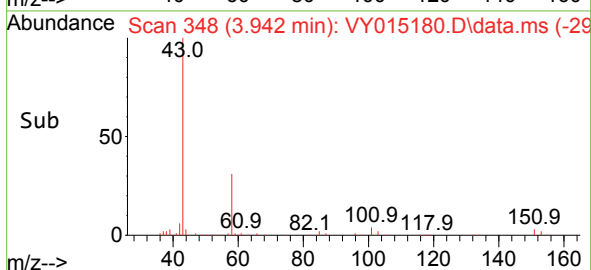
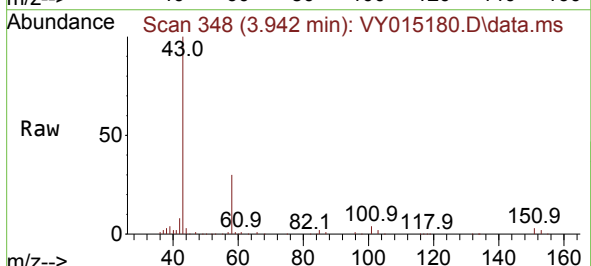


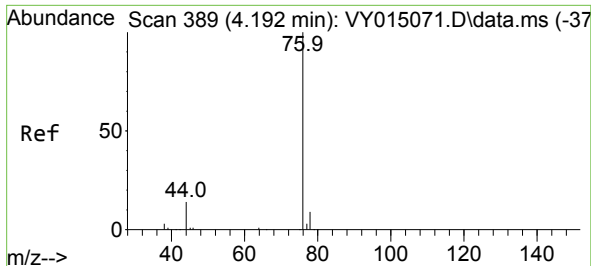
Tgt Ion: 53 Resp: 146756
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 223.353 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 43 Resp: 136643
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1





#17

Carbon Disulfide

Concen: 47.915 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

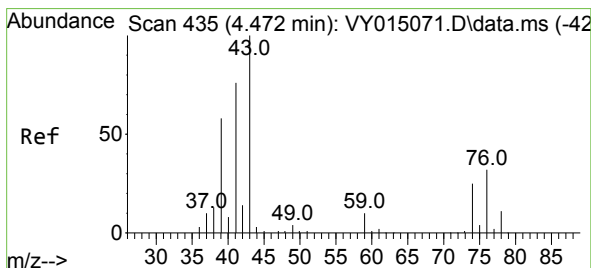
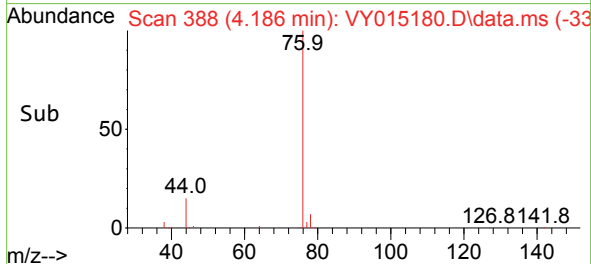
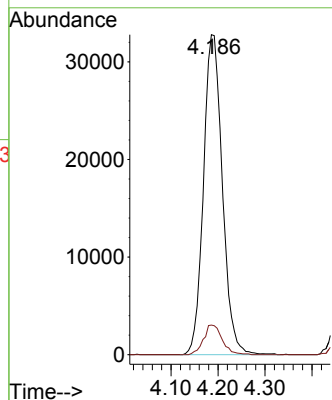
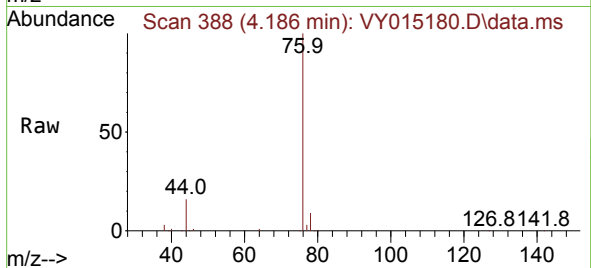
ClientSampleId :

Tgt Ion: 76 Resp: 91538

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 57.565 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY015180.D

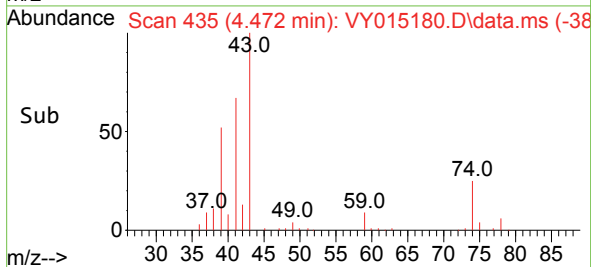
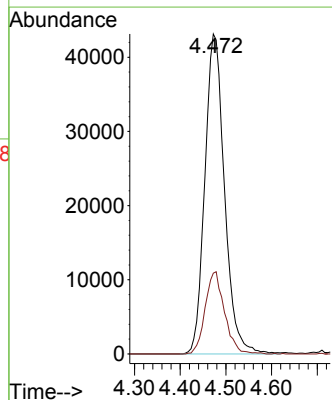
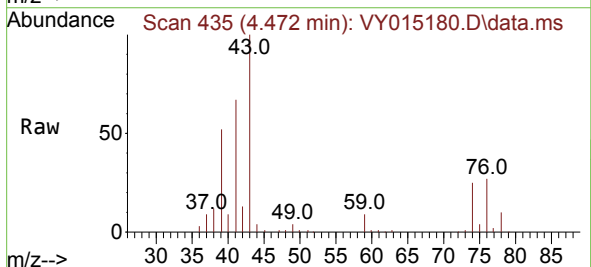
Acq: 17 Aug 2023 18:26

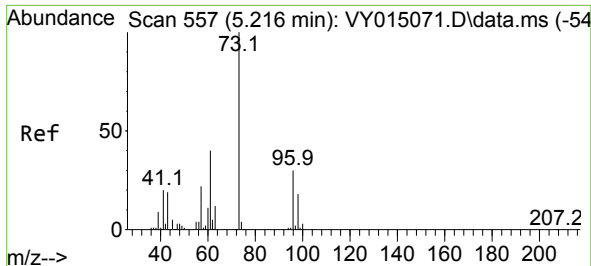
Tgt Ion: 43 Resp: 129056

Ion Ratio Lower Upper

43 100

74 25.3 17.4 26.0

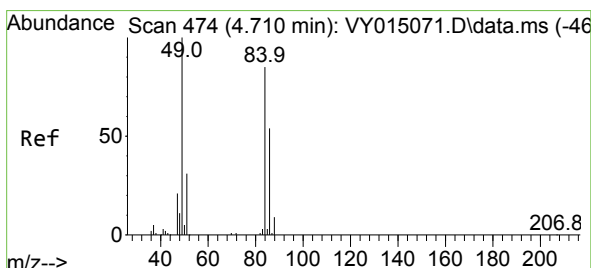
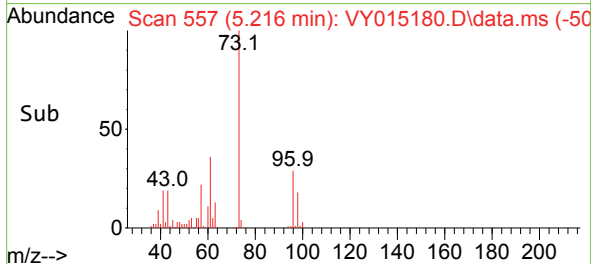
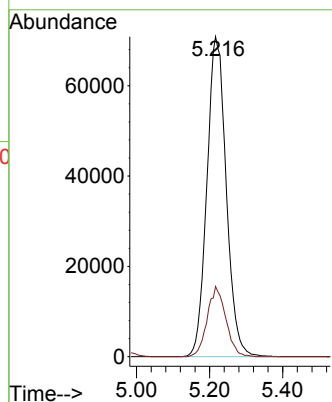
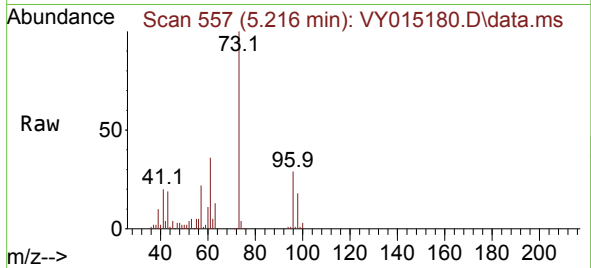




#19
Methyl tert-butyl Ether
Concen: 56.206 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

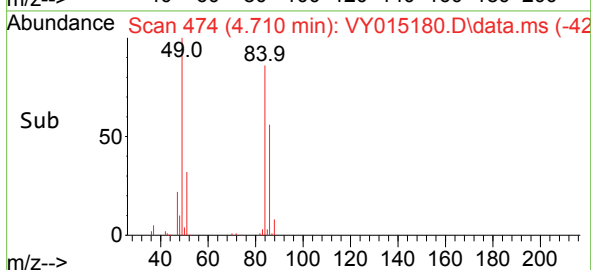
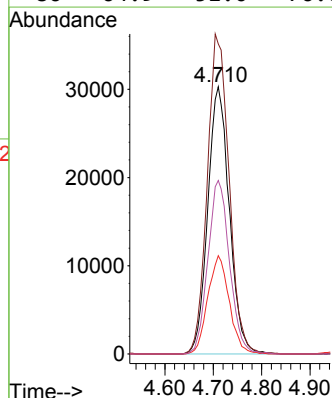
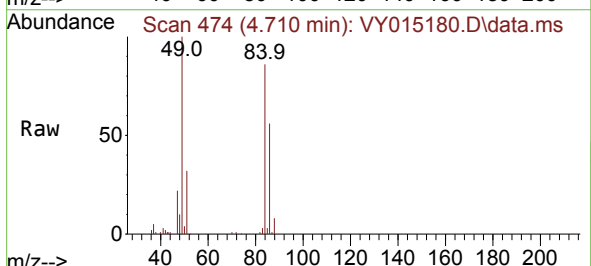
Instrument :
MSVOA_Y
ClientSampleId :

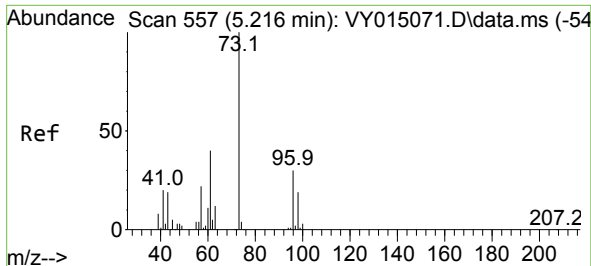
Tgt Ion: 73 Resp: 259431
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 65.288 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 84 Resp: 93829
Ion Ratio Lower Upper
84 100
49 116.1 106.9 160.3
51 36.8 33.2 49.8
86 64.9 51.0 76.6

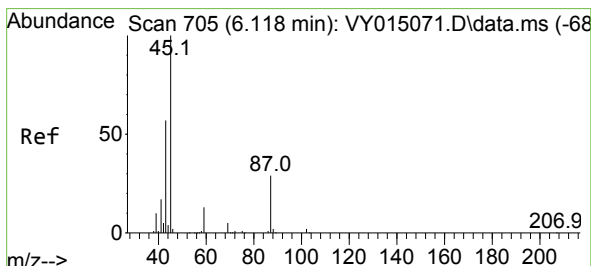
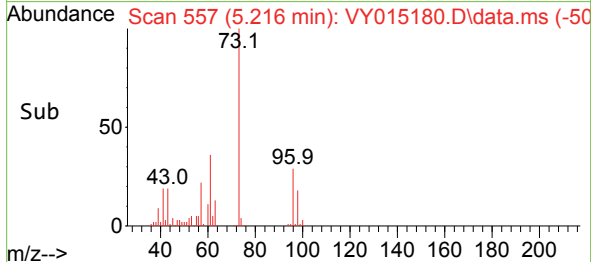
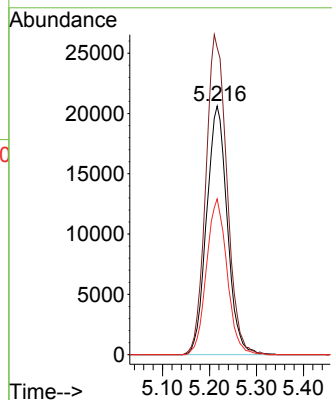
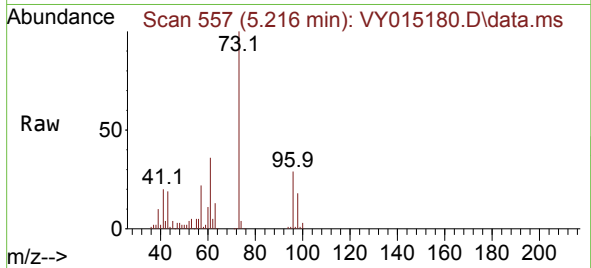




#21
trans-1,2-Dichloroethene
Concen: 51.507 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

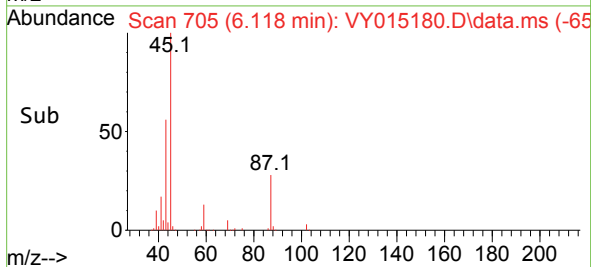
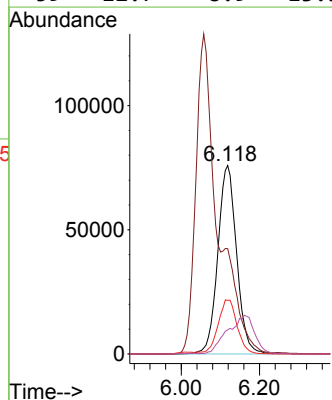
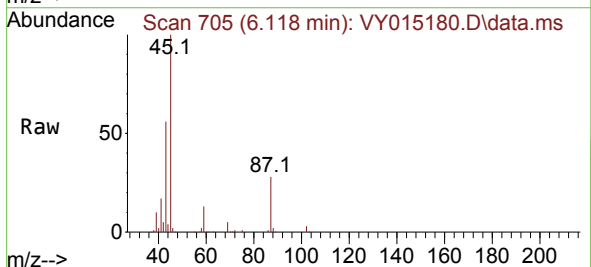
Instrument :
MSVOA_Y
ClientSampleId :

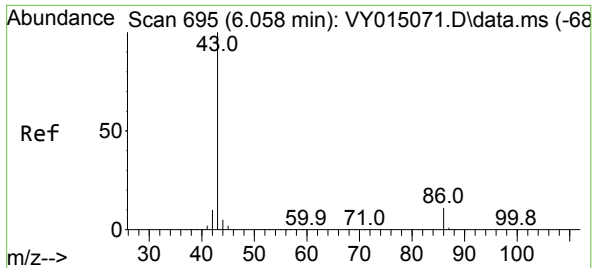
Tgt Ion: 96 Resp: 63069
Ion Ratio Lower Upper
96 100
61 123.4 110.2 165.4
98 62.7 51.8 77.6



#22
Diisopropyl ether
Concen: 52.786 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 45 Resp: 253505
Ion Ratio Lower Upper
45 100
43 55.3 52.2 78.4
87 28.4 21.0 31.6
59 12.7 8.9 13.3

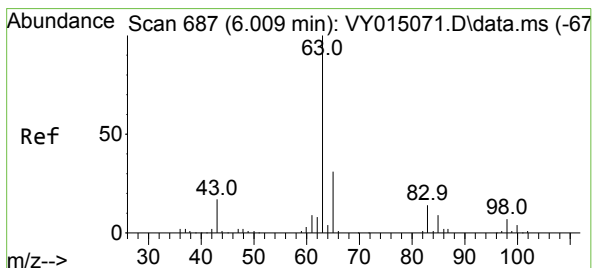
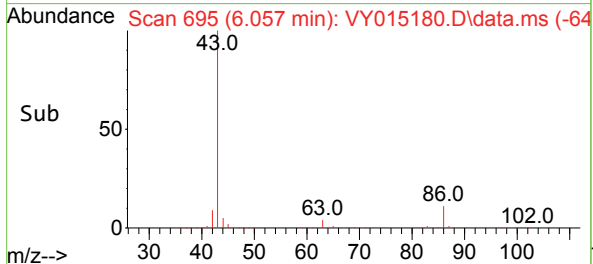
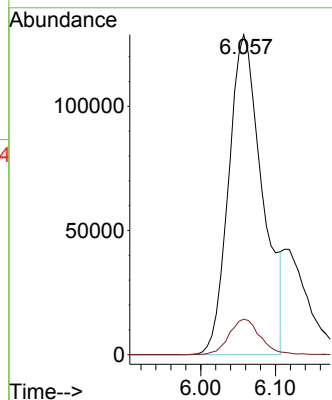
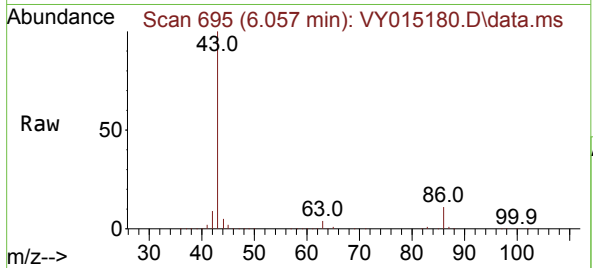




#23
 Vinyl Acetate
 Concen: 140.941 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015180.D
 Acq: 17 Aug 2023 18:26

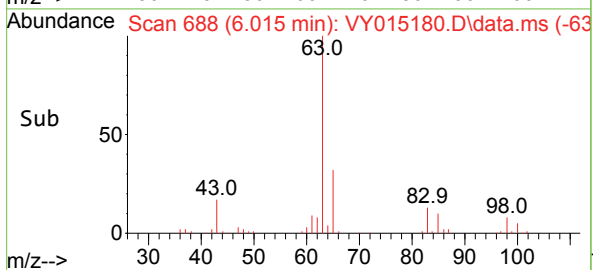
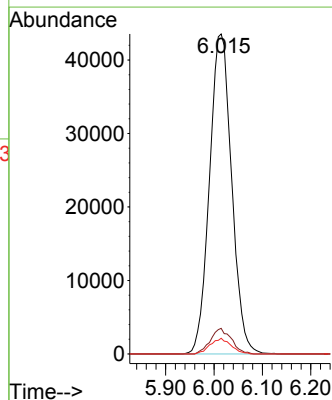
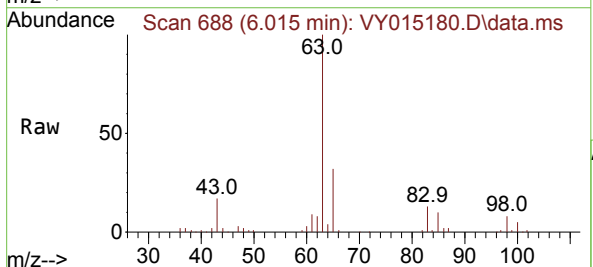
Instrument :
 MSVOA_Y
 ClientSampleId :

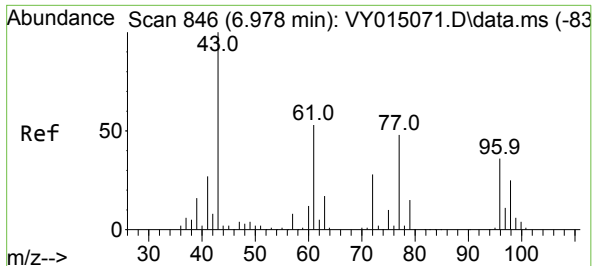
Tgt Ion: 43 Resp: 403879
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.266 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015180.D
 Acq: 17 Aug 2023 18:26

Tgt Ion: 63 Resp: 138493
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 245.938 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

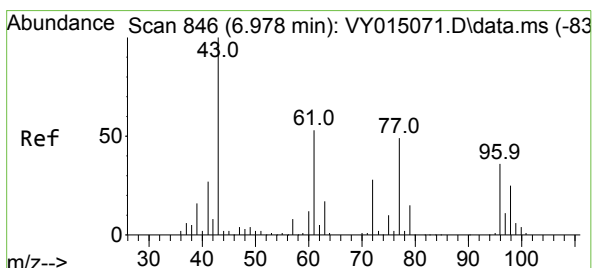
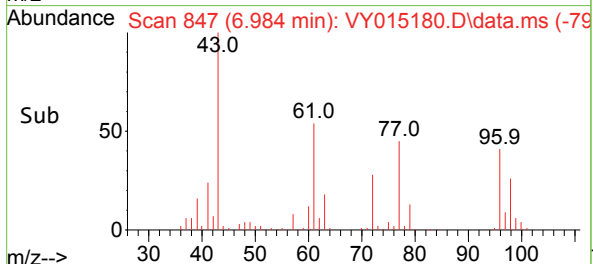
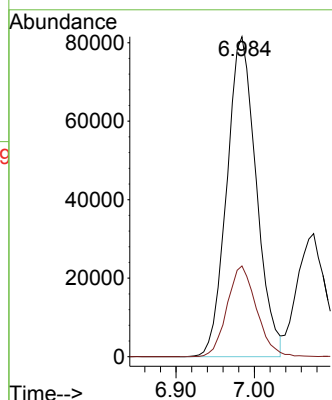
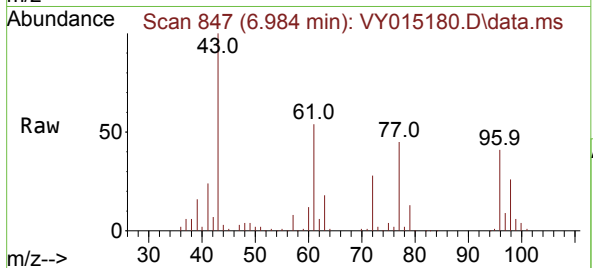
ClientSampleId :

Tgt Ion: 43 Resp: 213035

Ion Ratio Lower Upper

43 100

72 28.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 44.600 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015180.D

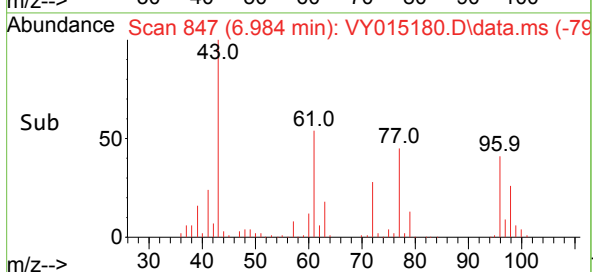
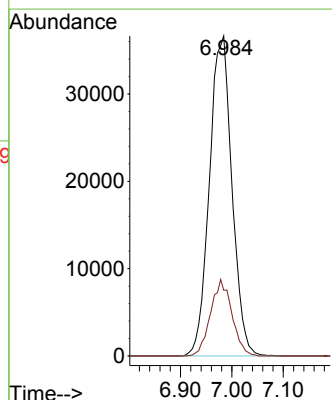
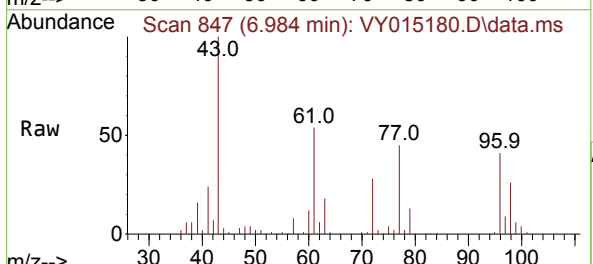
Acq: 17 Aug 2023 18:26

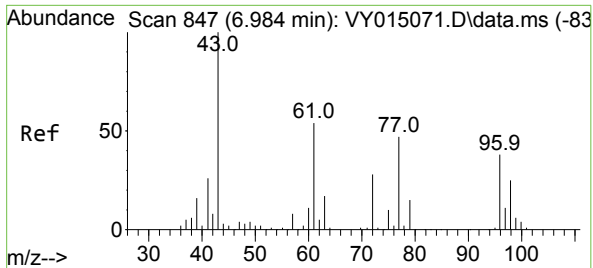
Tgt Ion: 77 Resp: 111788

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.547 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

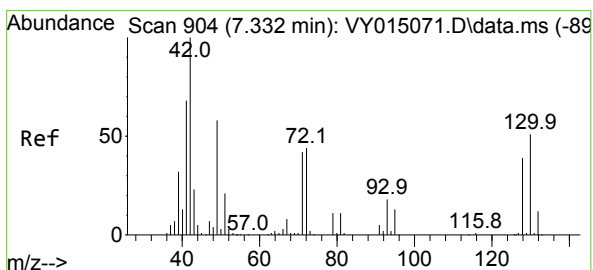
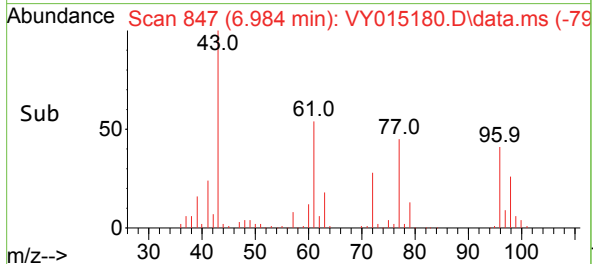
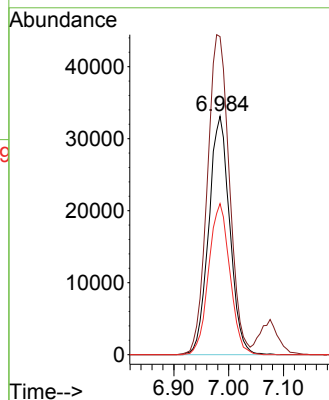
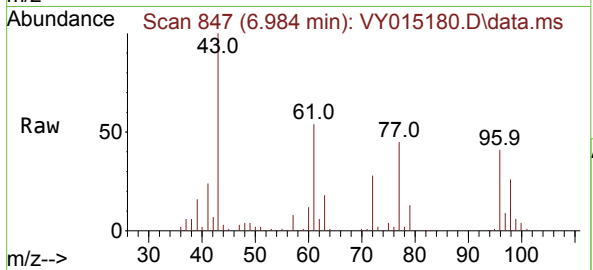
Tgt Ion: 96 Resp: 87893

Ion Ratio Lower Upper

96 100

61 140.9 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 52.195 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

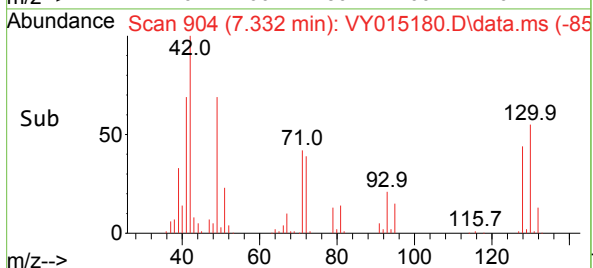
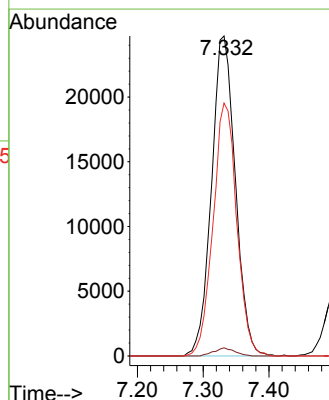
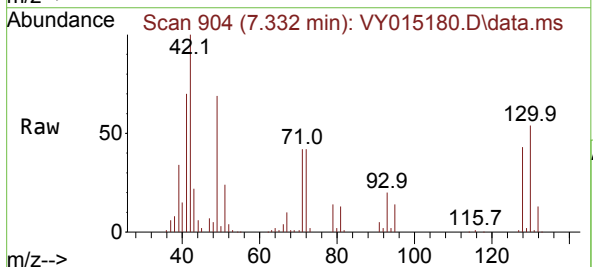
Tgt Ion: 49 Resp: 62348

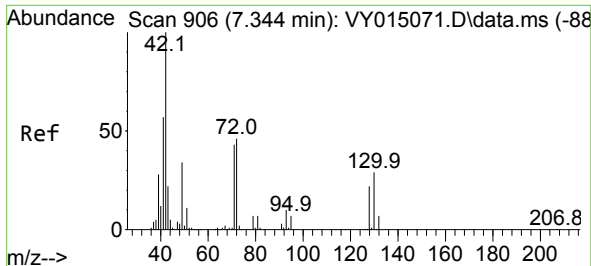
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 78.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 256.371 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

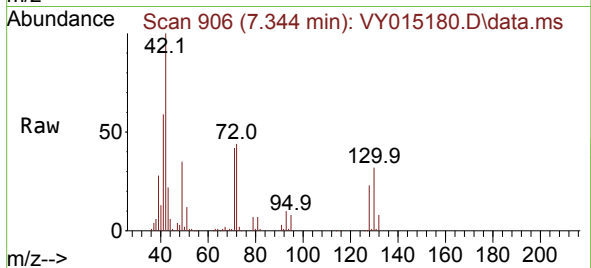
Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :



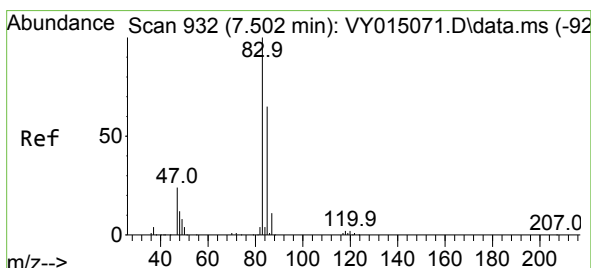
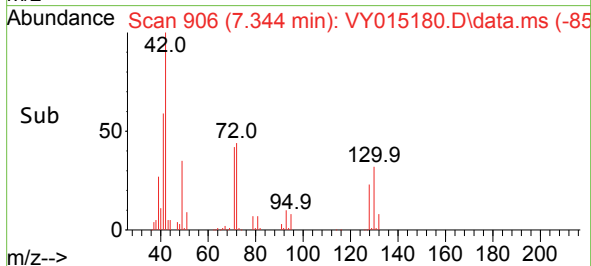
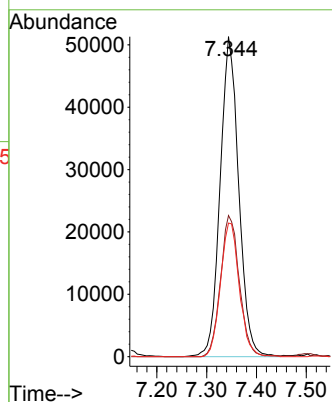
Tgt Ion: 42 Resp: 132787

Ion Ratio Lower Upper

42 100

72 44.8 32.8 49.2

71 42.3 31.0 46.4



#30

Chloroform

Concen: 54.103 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015180.D

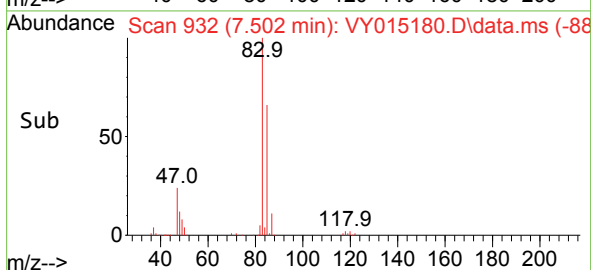
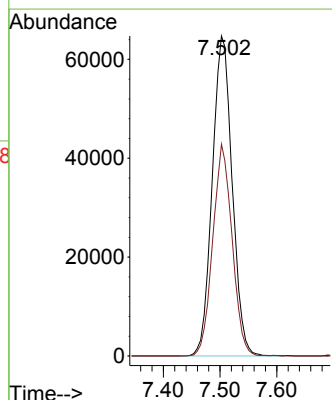
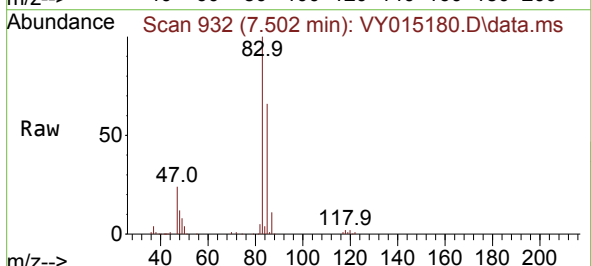
Acq: 17 Aug 2023 18:26

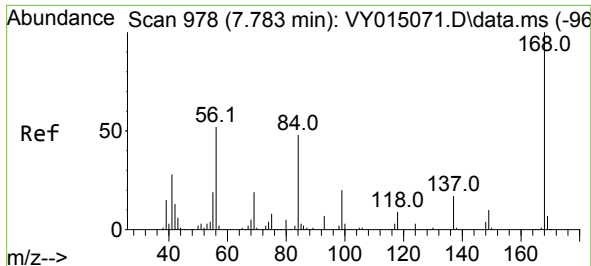
Tgt Ion: 83 Resp: 157693

Ion Ratio Lower Upper

83 100

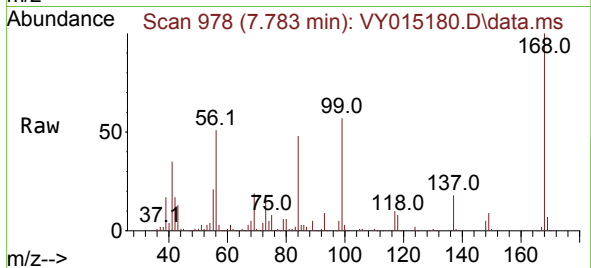
85 66.2 49.7 74.5



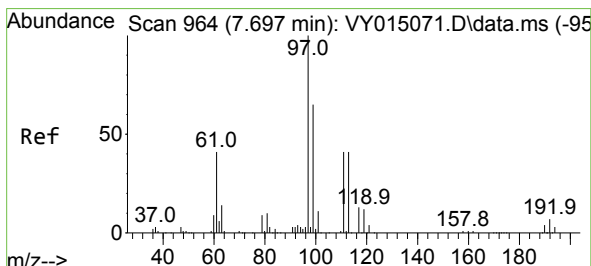
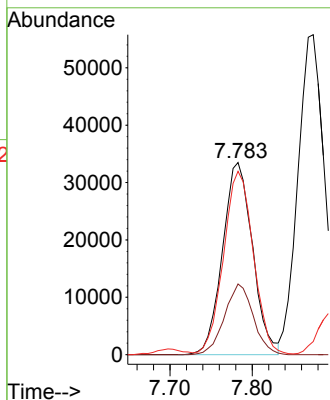
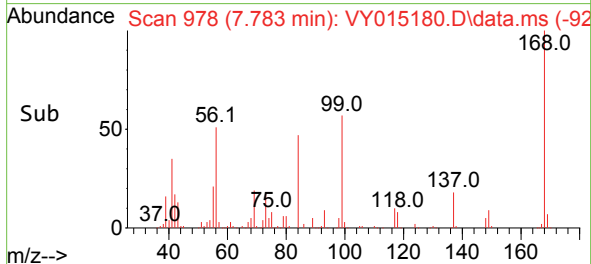


#31
Cyclohexane
Concen: 50.918 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

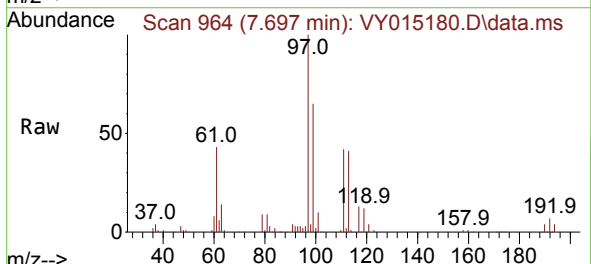
Instrument :
MSVOA_Y
ClientSampleId :



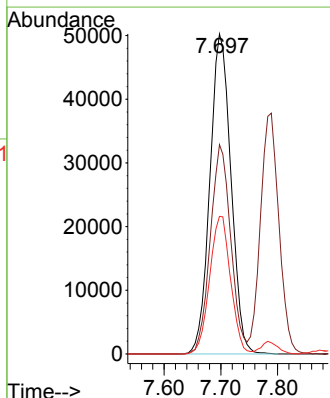
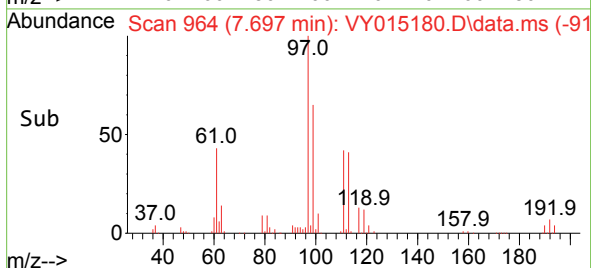
Tgt Ion: 56 Resp: 85094
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 93.2 66.4 99.6

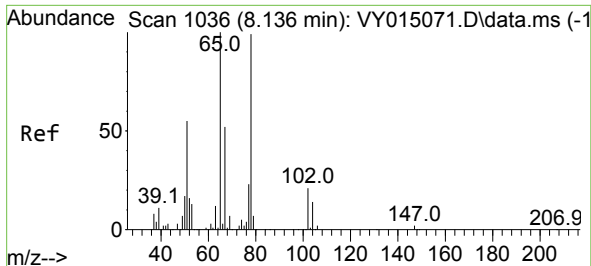


#32
1,1,1-Trichloroethane
Concen: 52.205 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26



Tgt Ion: 97 Resp: 129481
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.627 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

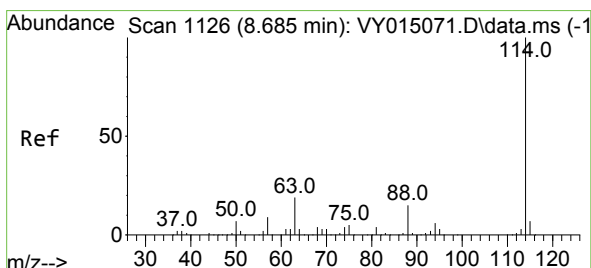
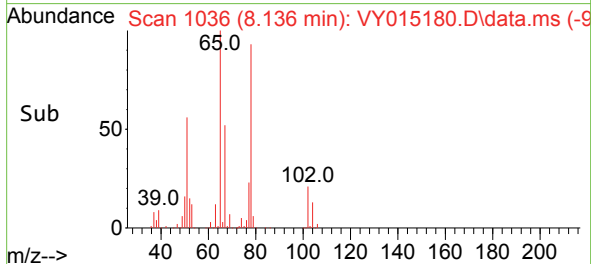
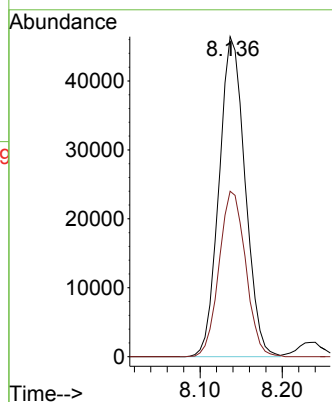
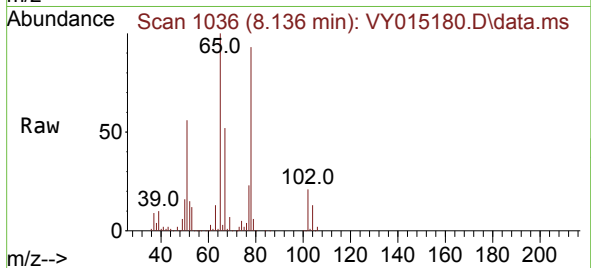
ClientSampleId :

Tgt Ion: 65 Resp: 102300

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

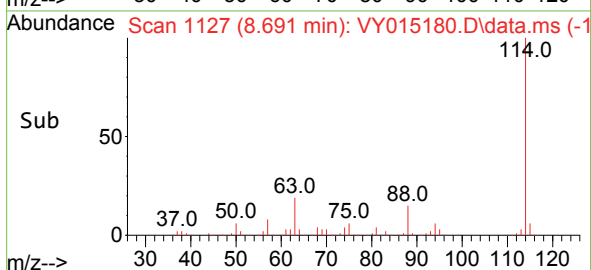
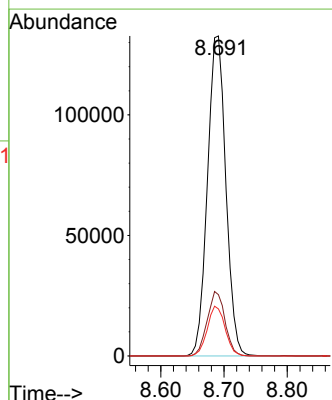
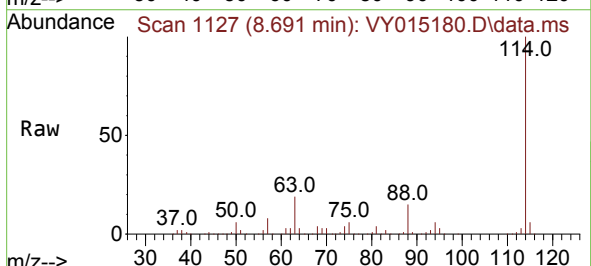
Tgt Ion: 114 Resp: 268105

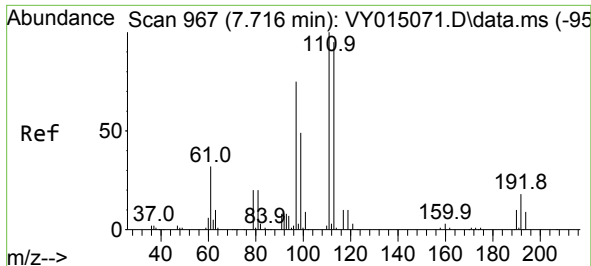
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.7 0.0 30.6

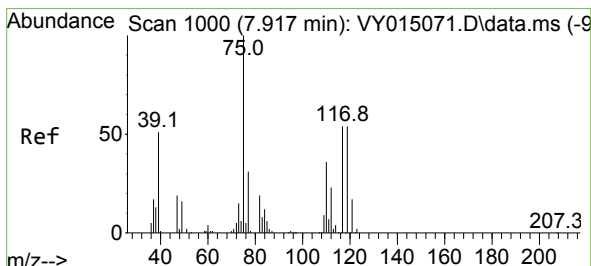
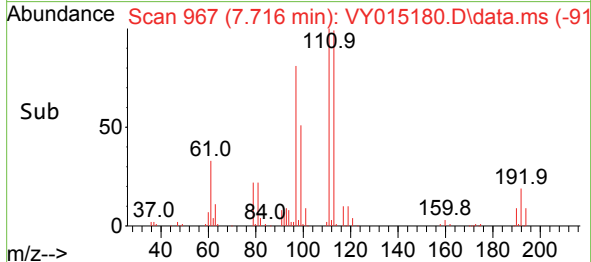
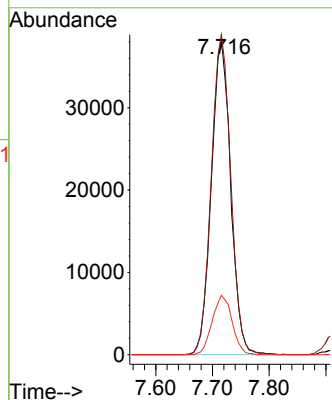
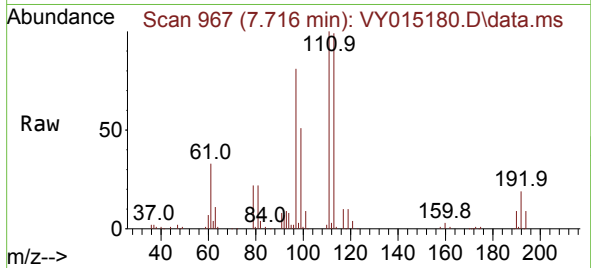




#35
Dibromofluoromethane
Concen: 52.259 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

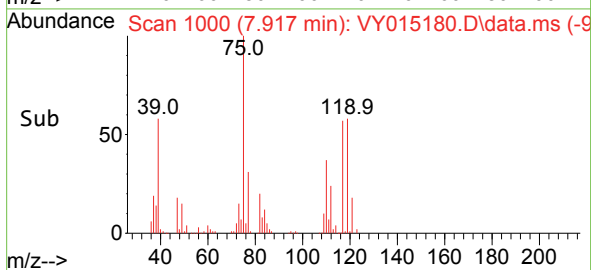
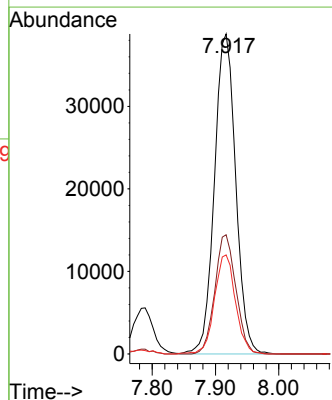
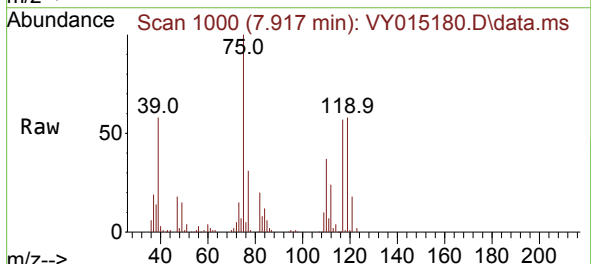
Instrument :
MSVOA_Y
ClientSampleId :

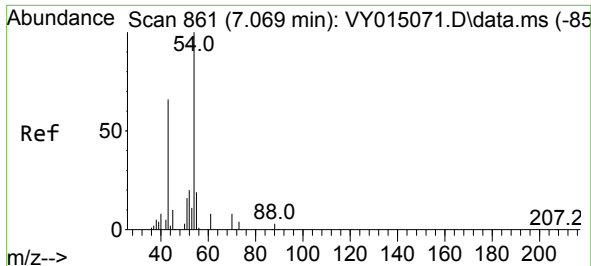
Tgt Ion:113 Resp: 90137
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.424 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 75 Resp: 90495
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 46.543 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

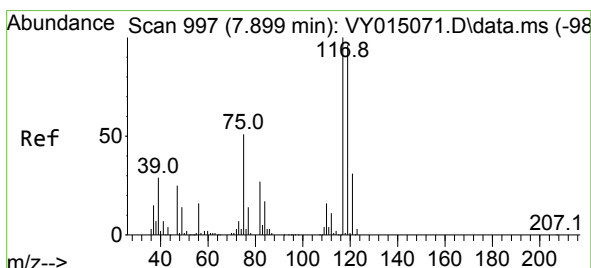
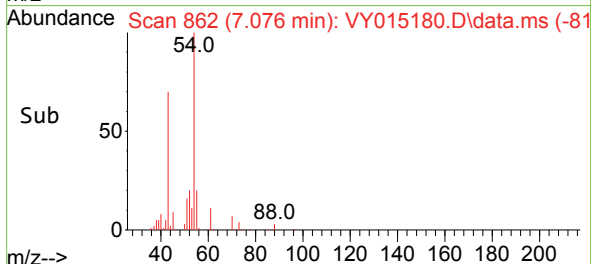
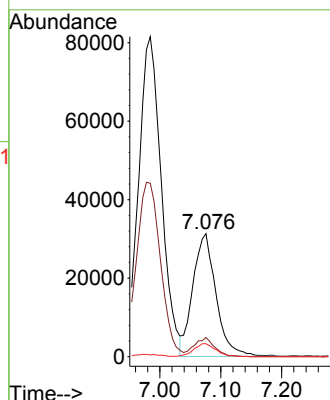
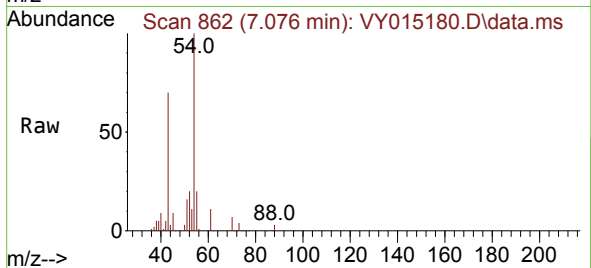
Tgt Ion: 43 Resp: 82785

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 47.834 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

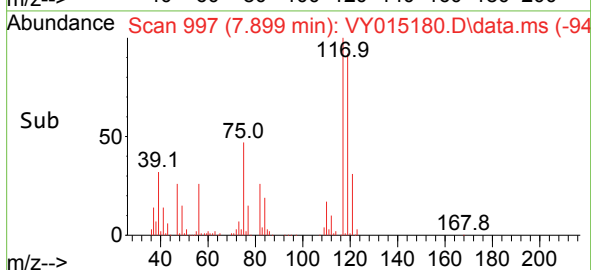
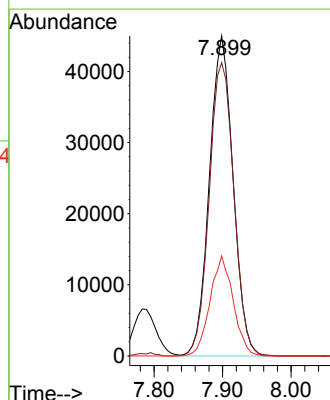
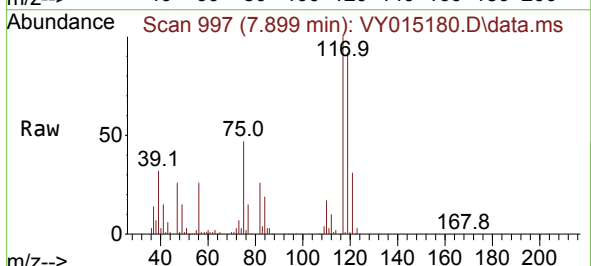
Tgt Ion: 117 Resp: 108024

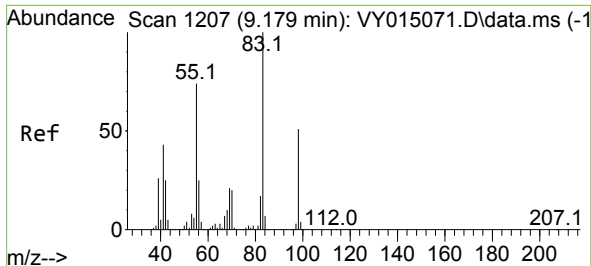
Ion Ratio Lower Upper

117 100

119 91.7 76.4 114.6

121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 44.136 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

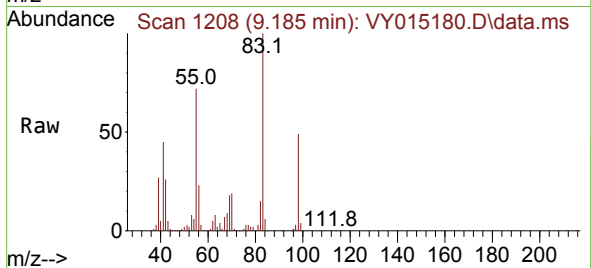
Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :



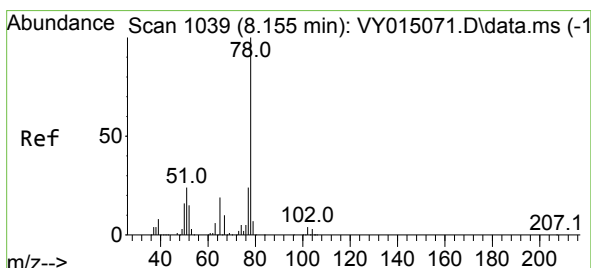
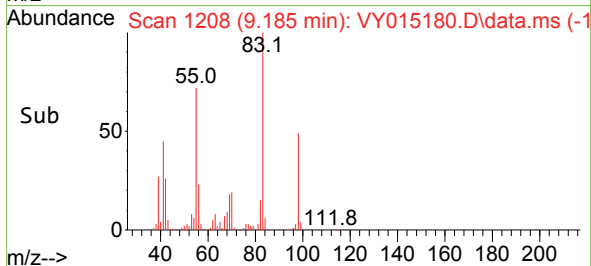
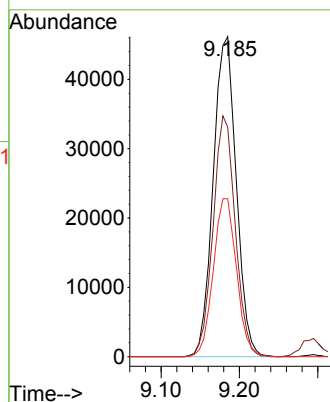
Tgt Ion: 83 Resp: 94413

Ion Ratio Lower Upper

83 100

55 71.7 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 50.531 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015180.D

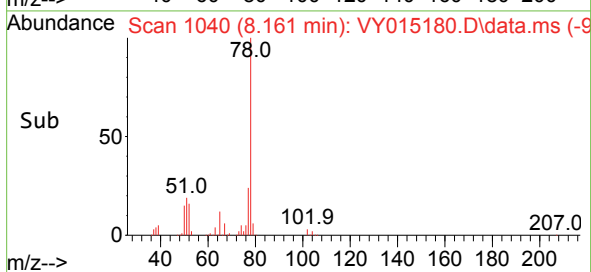
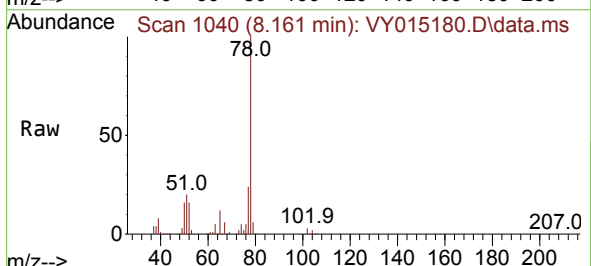
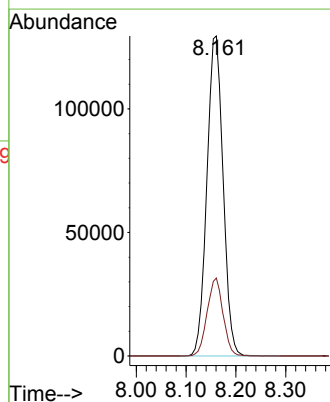
Acq: 17 Aug 2023 18:26

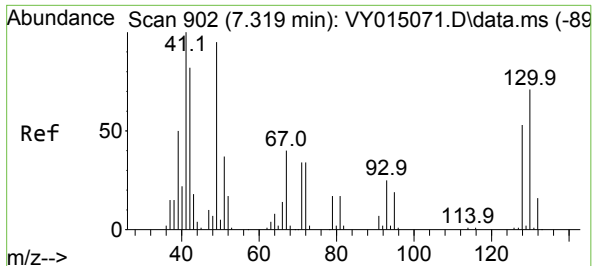
Tgt Ion: 78 Resp: 291519

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

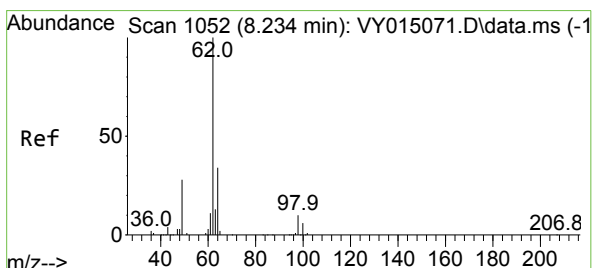
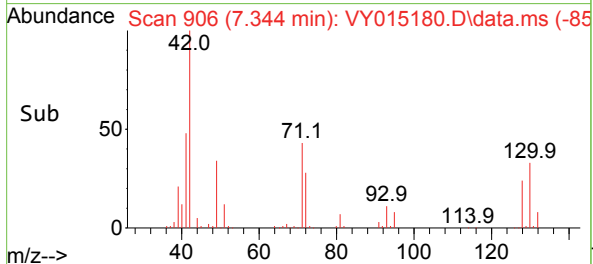
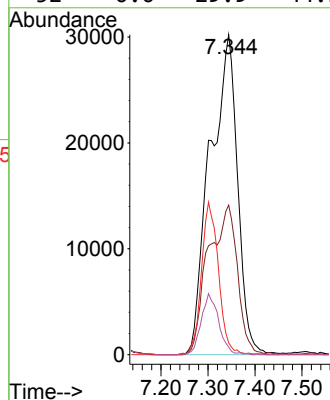
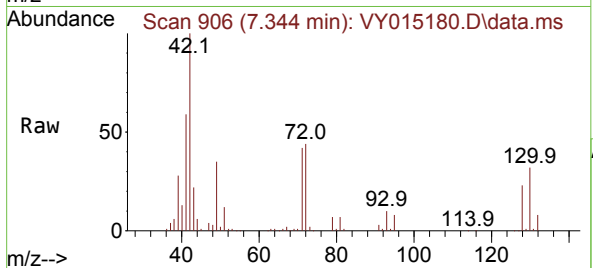




#41
Methacrylonitrile
Concen: 133.542 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

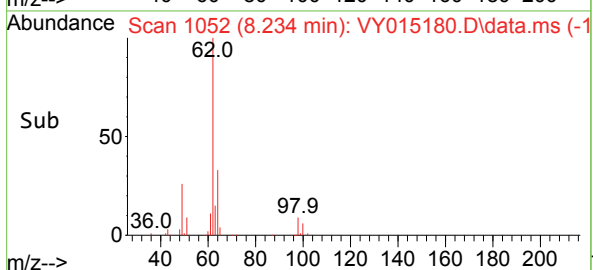
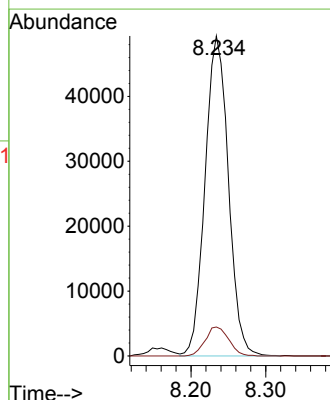
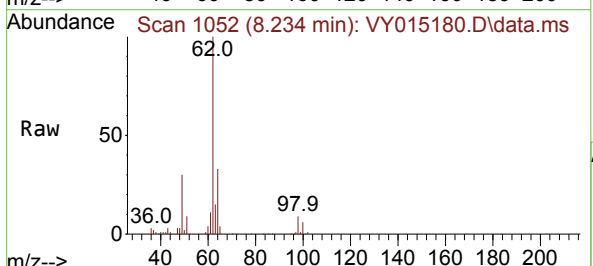
Instrument :
MSVOA_Y
ClientSampleId :

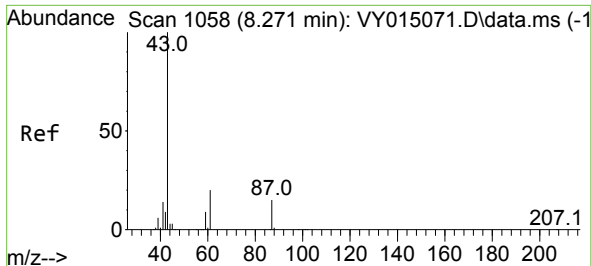
Tgt Ion: 41 Resp: 122481
Ion Ratio Lower Upper
41 100
39 49.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.049 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

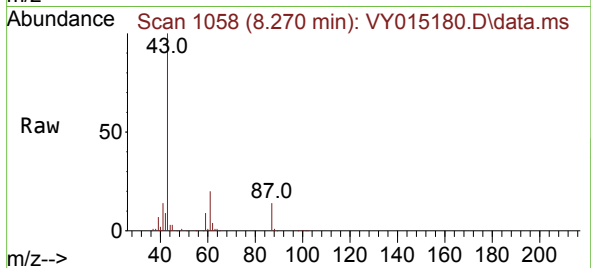
Tgt Ion: 62 Resp: 106959
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.8



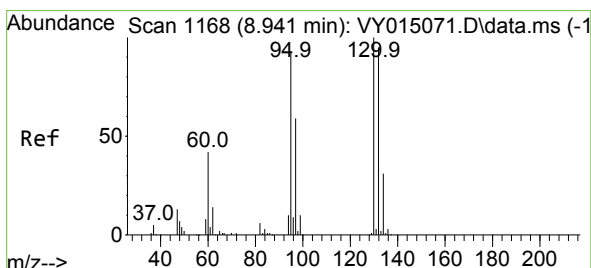
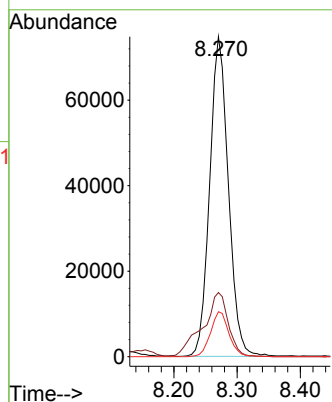
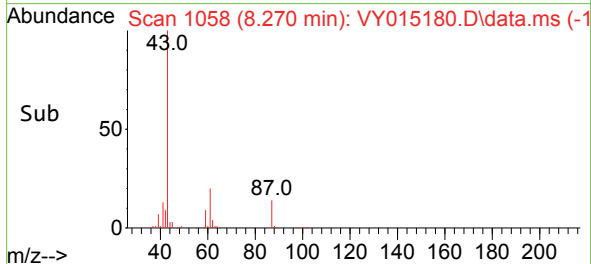


#43
Isopropyl Acetate
Concen: 47.497 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

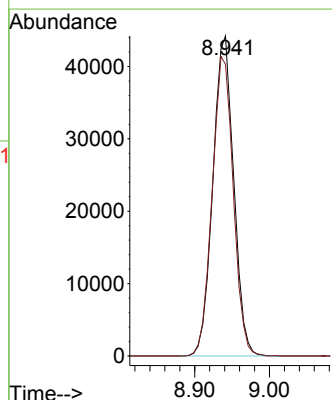
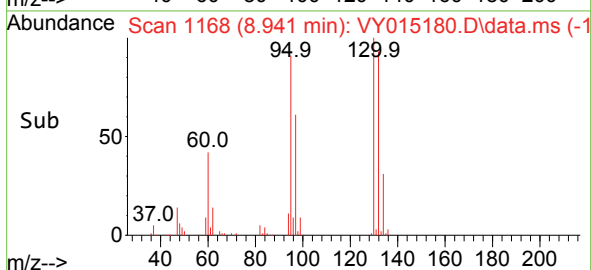
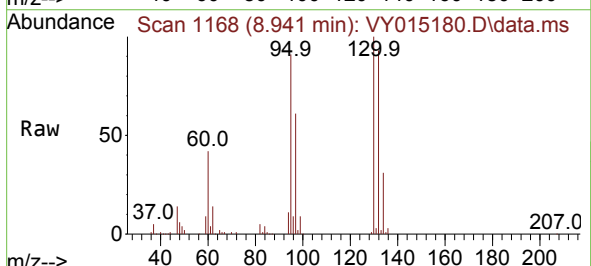


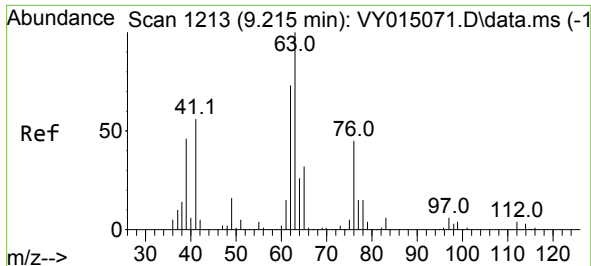
Tgt Ion: 43 Resp: 153846
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 51.545 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion:130 Resp: 85671
Ion Ratio Lower Upper
130 100
95 91.2 0.0 196.0

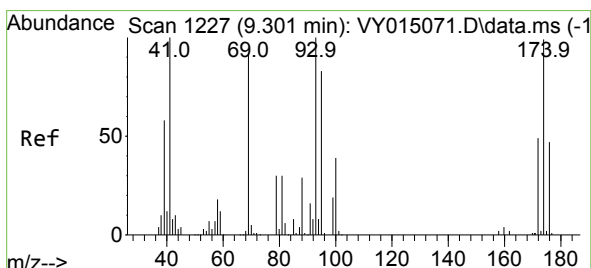
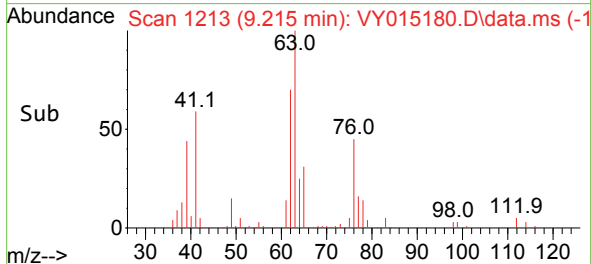
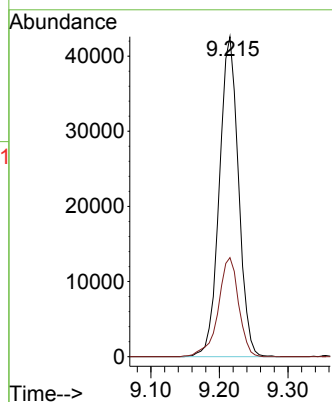
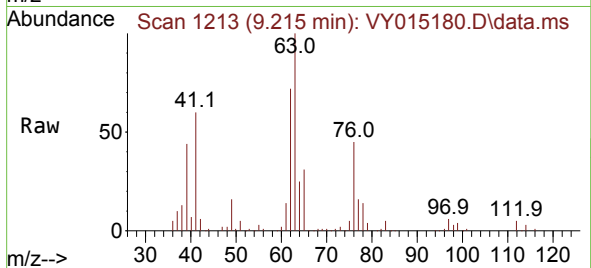




#45
1,2-Dichloropropane
Concen: 50.570 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

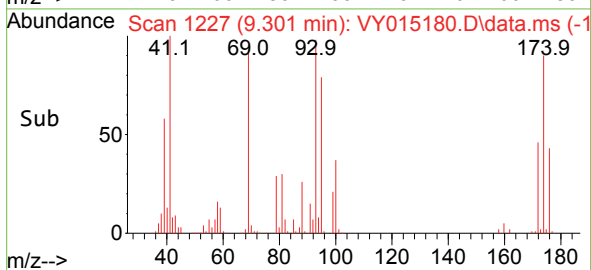
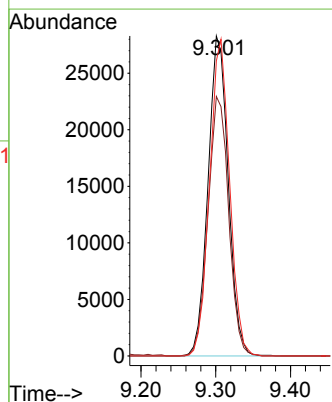
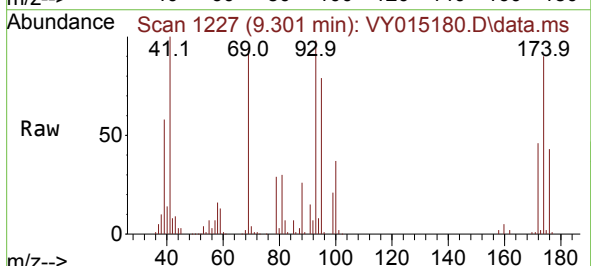
Instrument :
MSVOA_Y
ClientSampleId :

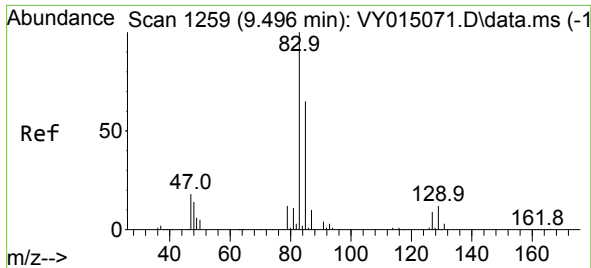
Tgt Ion: 63 Resp: 82268
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 51.876 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

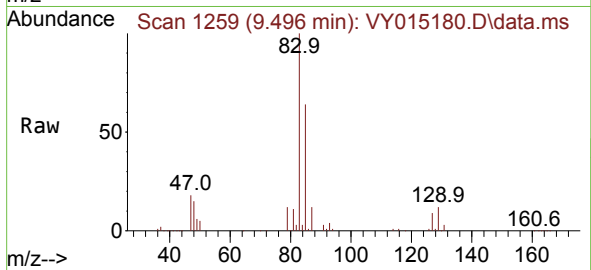
Tgt Ion: 93 Resp: 53227
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 98.3 84.8 127.2



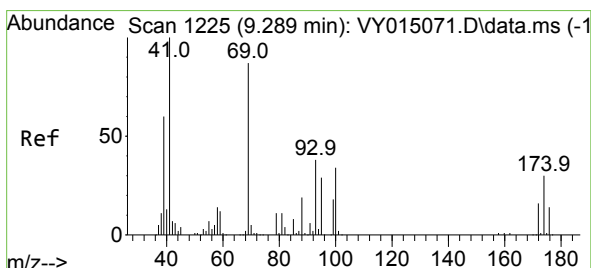
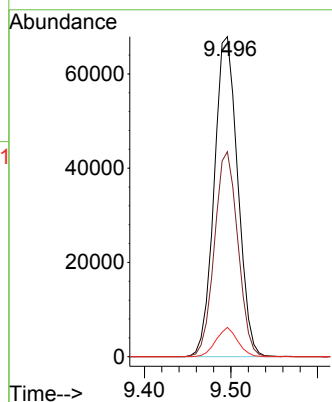
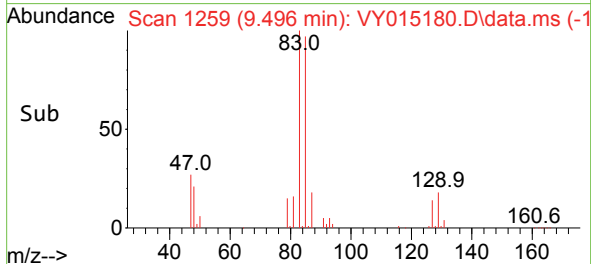


#47
Bromodichloromethane
Concen: 52.308 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

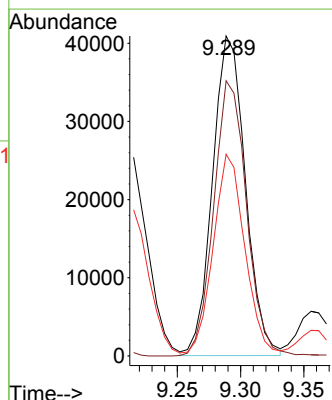
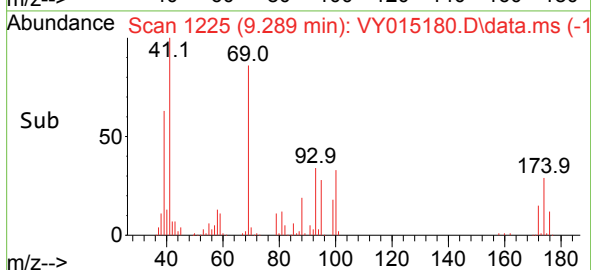
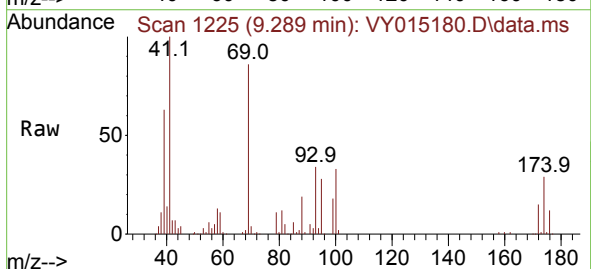


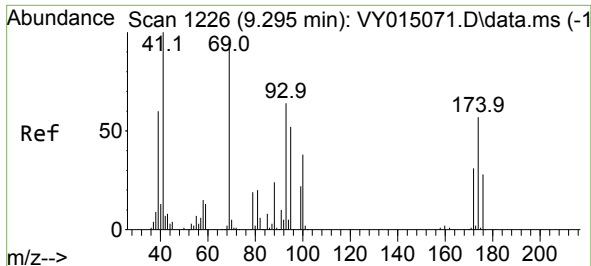
Tgt Ion: 83 Resp: 128070
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 53.238 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 41 Resp: 73766
Ion Ratio Lower Upper
41 100
69 86.4 64.5 96.7
39 61.3 50.8 76.2





#49

1,4-Dioxane

Concen: 913.671 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

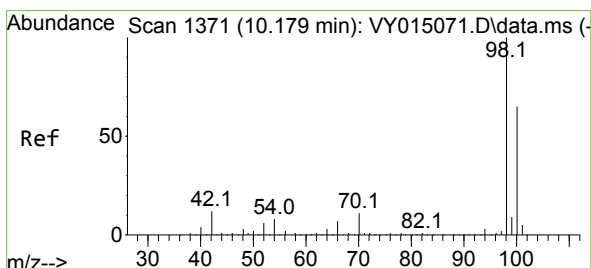
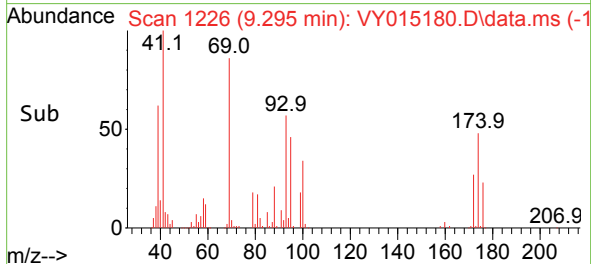
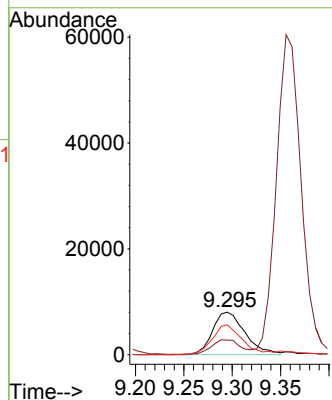
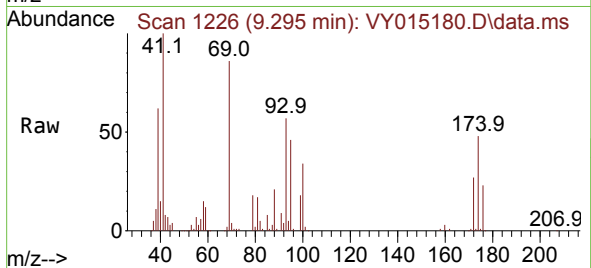
Tgt Ion: 88 Resp: 18746

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0#

58 65.4 30.9 46.3#



#50

Toluene-d8

Concen: 50.461 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015180.D

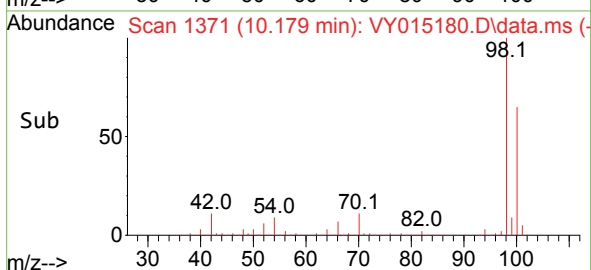
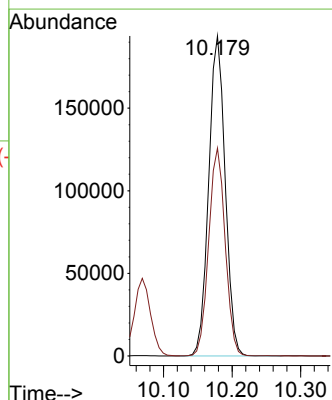
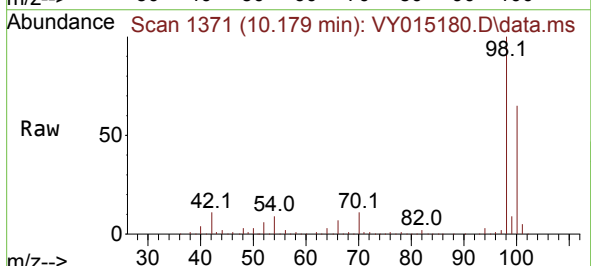
Acq: 17 Aug 2023 18:26

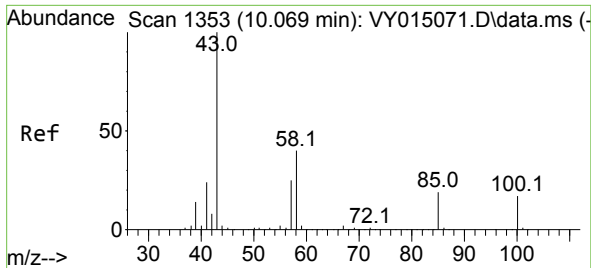
Tgt Ion: 98 Resp: 323997

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

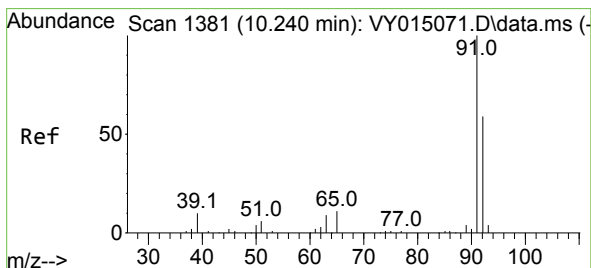
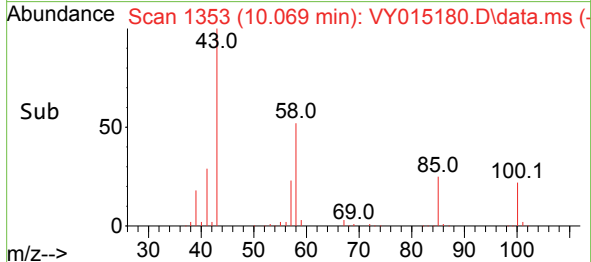
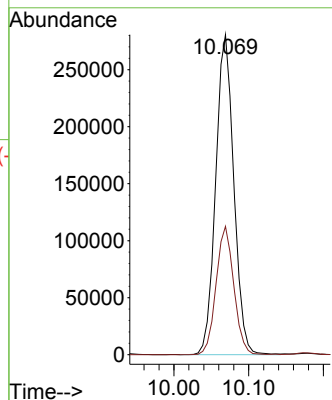
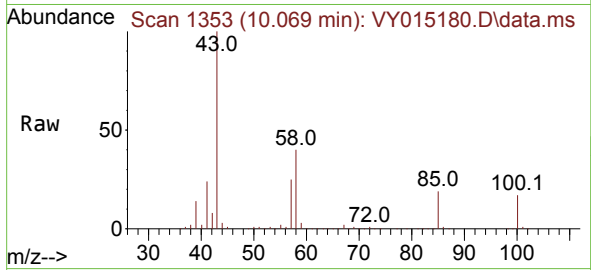




#51
4-Methyl-2-Pentanone
Concen: 251.831 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

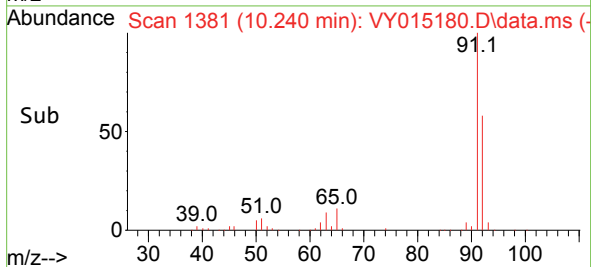
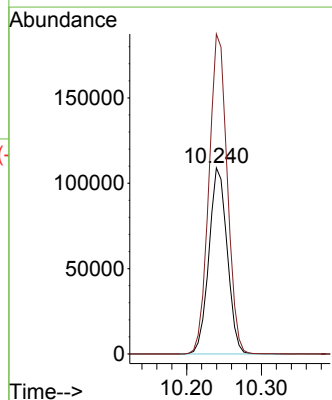
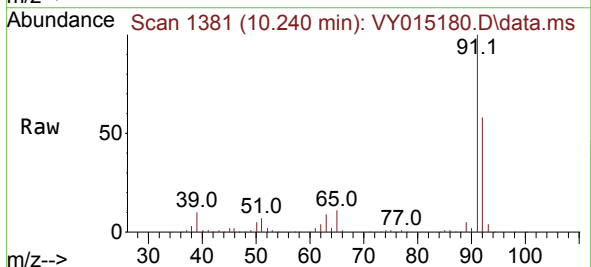
Instrument :
MSVOA_Y
ClientSampleId :

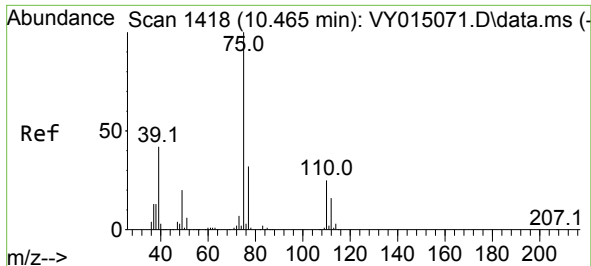
Tgt Ion: 43 Resp: 472743
Ion Ratio Lower Upper
43 100
58 39.3 29.0 43.6



#52
Toluene
Concen: 48.622 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 92 Resp: 184885
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

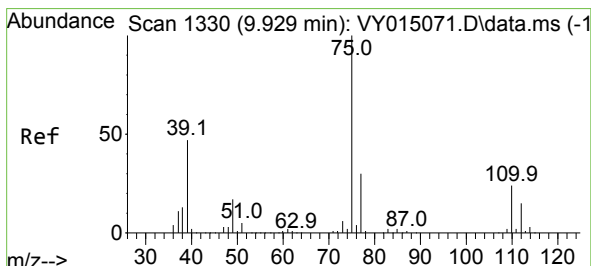
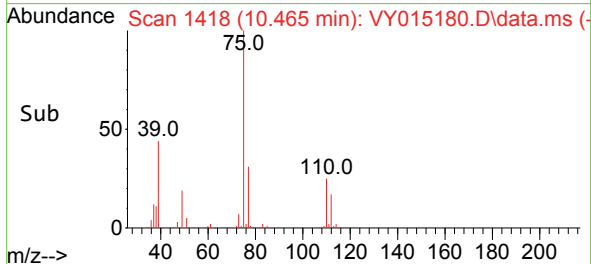
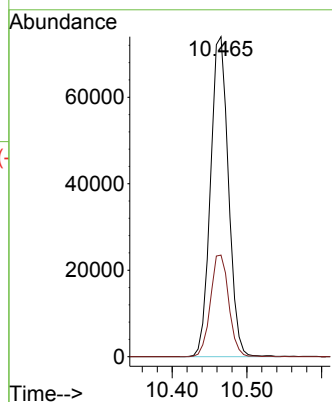
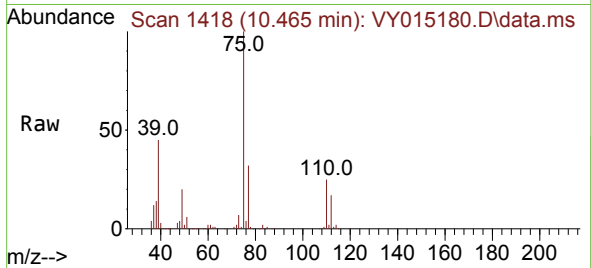




#53
t-1,3-Dichloropropene
Concen: 48.005 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

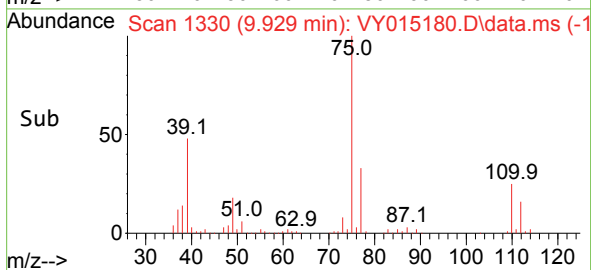
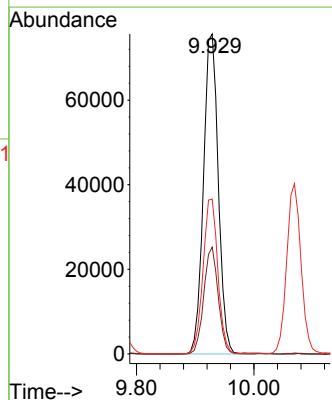
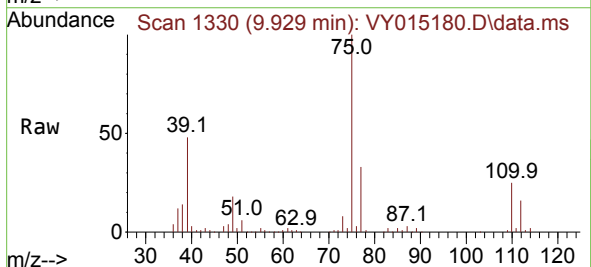
Instrument :
MSVOA_Y
ClientSampleId :

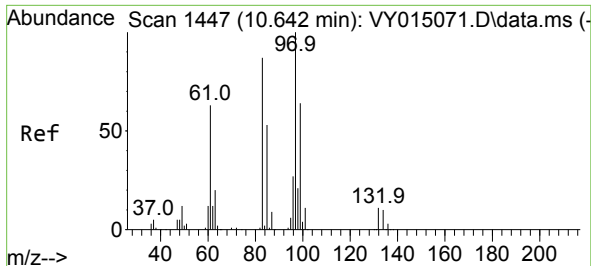
Tgt Ion: 75 Resp: 123521
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 49.063 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

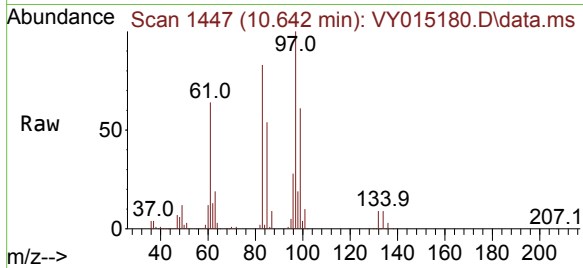
Tgt Ion: 75 Resp: 132955
Ion Ratio Lower Upper
75 100
77 33.4 24.2 36.4
39 48.4 42.2 63.4



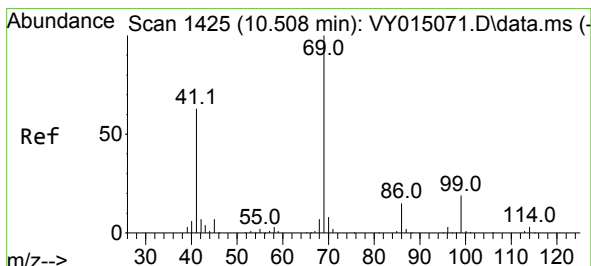
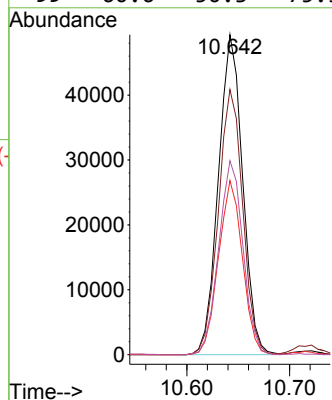
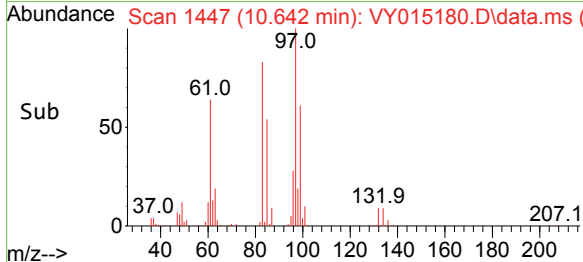


#55
1,1,2-Trichloroethane
Concen: 51.740 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

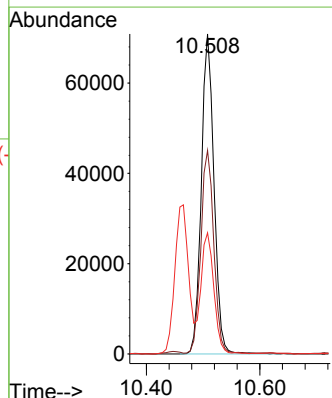
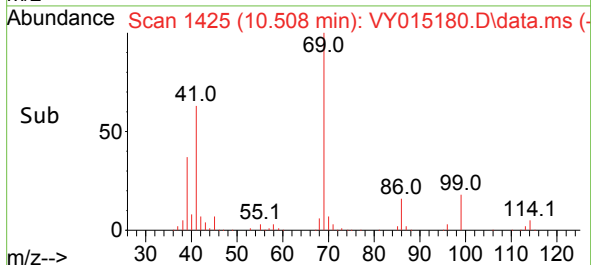
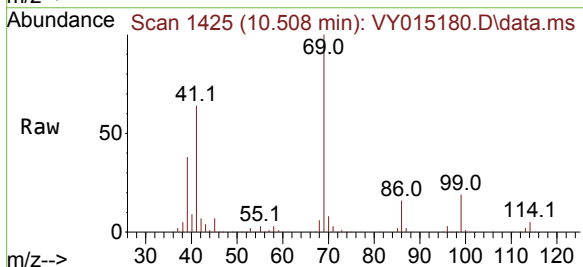


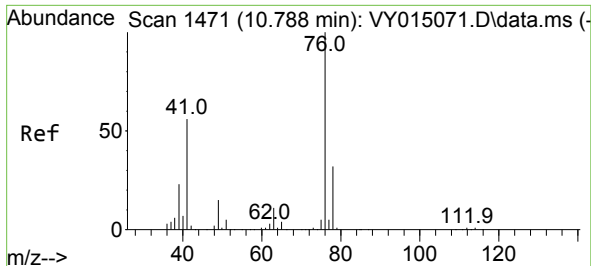
Tgt Ion:	97	Resp:	80720
Ion	Ratio	Lower	Upper
97	100		
83	82.9	72.0	108.0
85	54.4	45.4	68.0
99	60.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 47.995 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion:	69	Resp:	109582
Ion	Ratio	Lower	Upper
69	100		
41	65.2	57.6	86.4
39	38.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.315 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

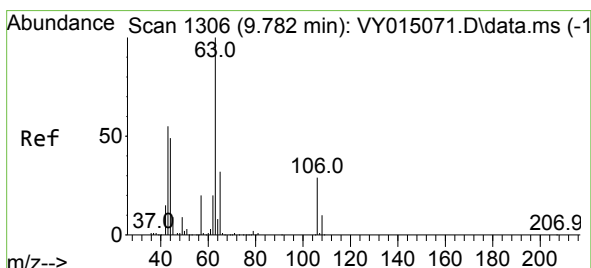
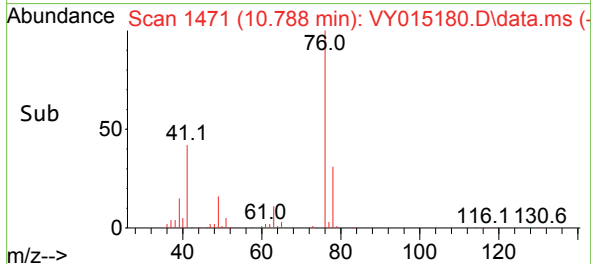
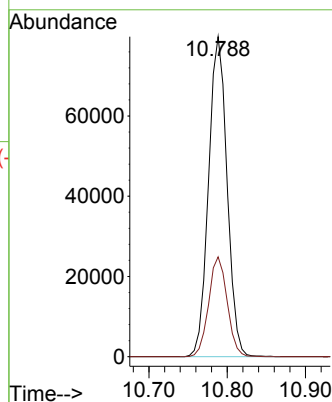
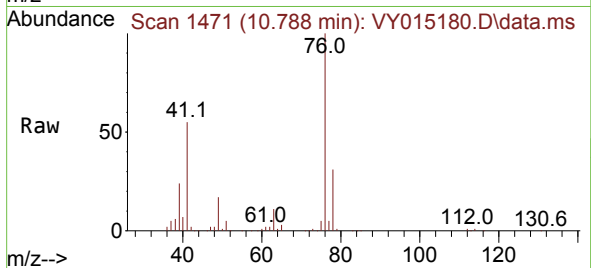
ClientSampleId :

Tgt Ion: 76 Resp: 130794

Ion Ratio Lower Upper

76 100

78 31.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.910 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015180.D

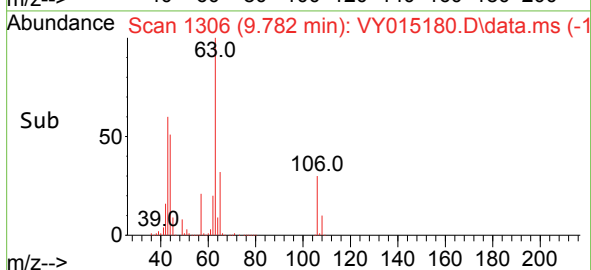
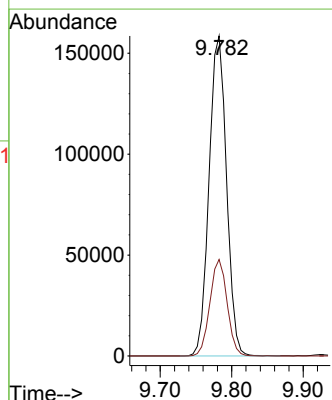
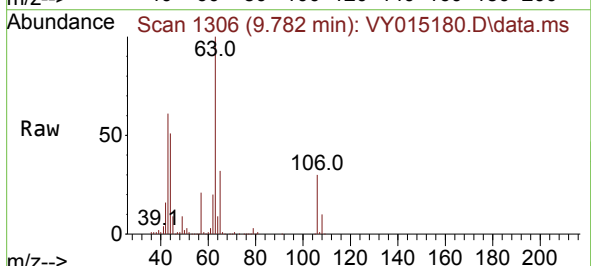
Acq: 17 Aug 2023 18:26

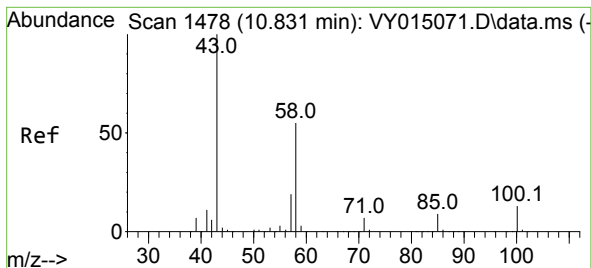
Tgt Ion: 63 Resp: 268729

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8





#59

2-Hexanone

Concen: 250.532 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

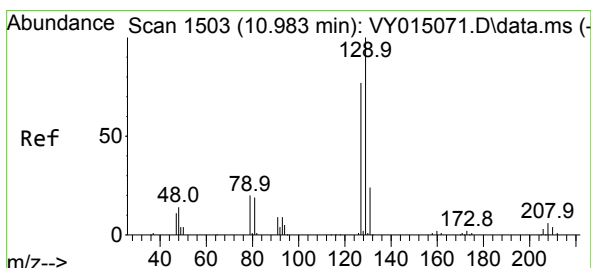
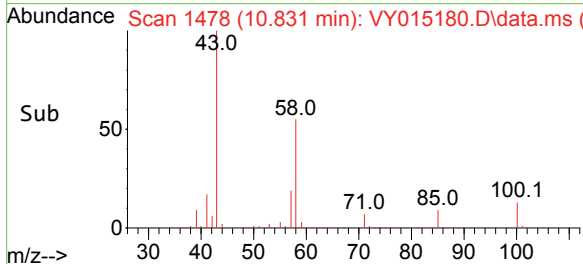
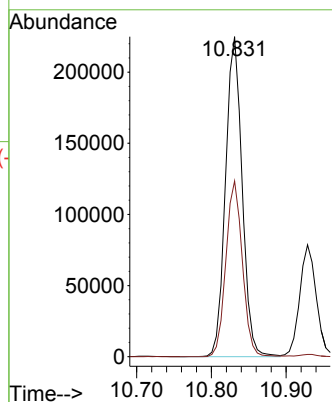
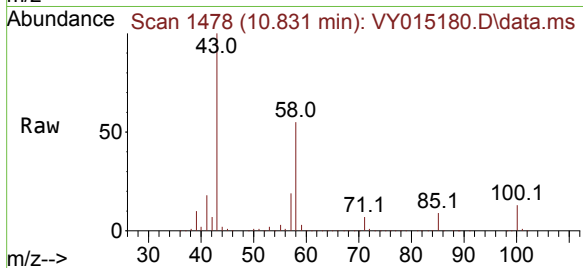
ClientSampleId :

Tgt Ion: 43 Resp: 348076

Ion Ratio Lower Upper

43 100

58 54.5 25.1 75.3



#60

Dibromochloromethane

Concen: 51.075 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY015180.D

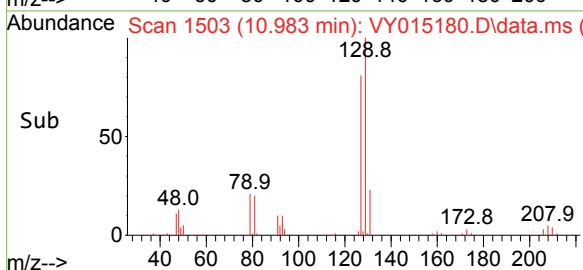
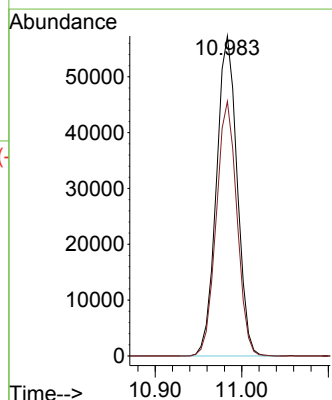
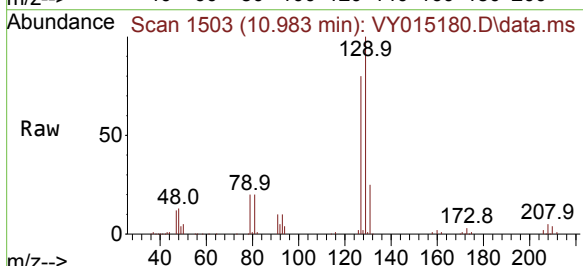
Acq: 17 Aug 2023 18:26

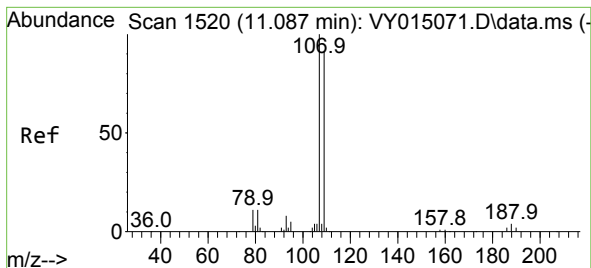
Tgt Ion: 129 Resp: 95050

Ion Ratio Lower Upper

129 100

127 79.4 38.5 115.5

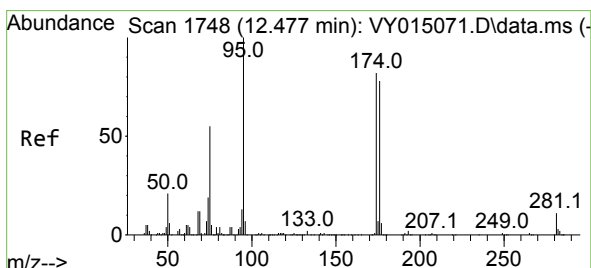
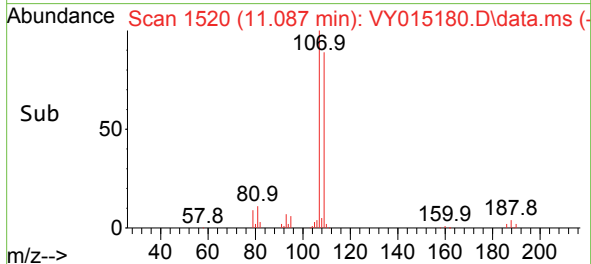
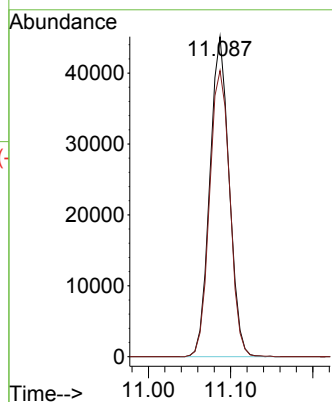
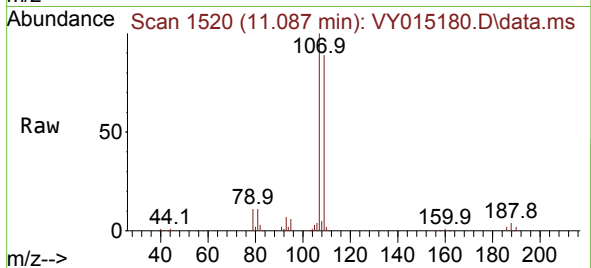




#61
1,2-Dibromoethane
Concen: 49.670 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

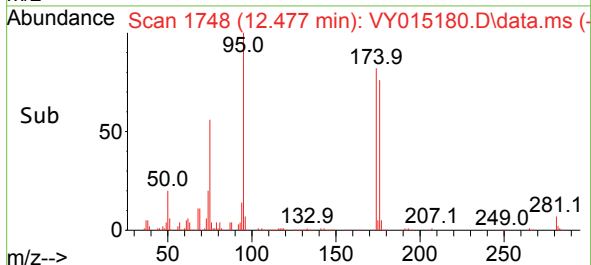
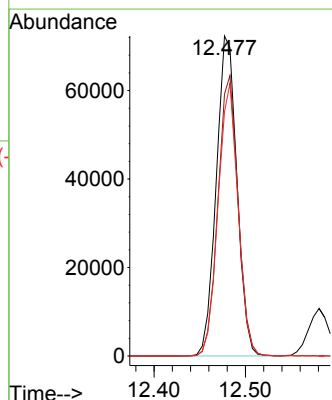
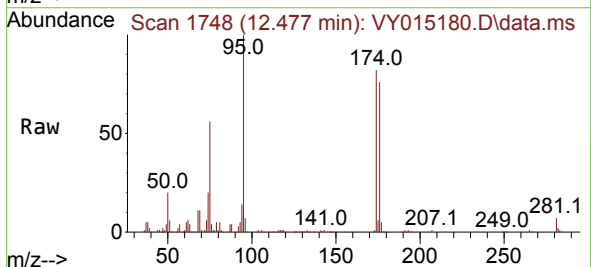
Instrument :
MSVOA_Y
ClientSampleId :

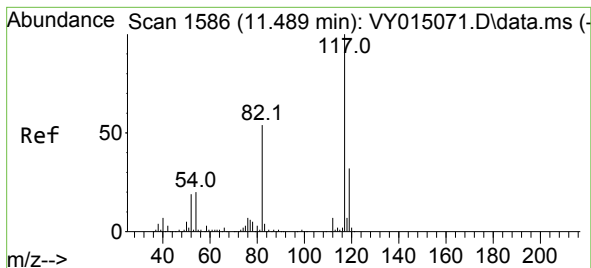
Tgt Ion:107 Resp: 73614
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.402 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 95 Resp: 113510
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

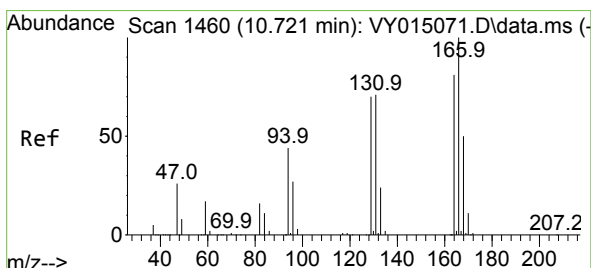
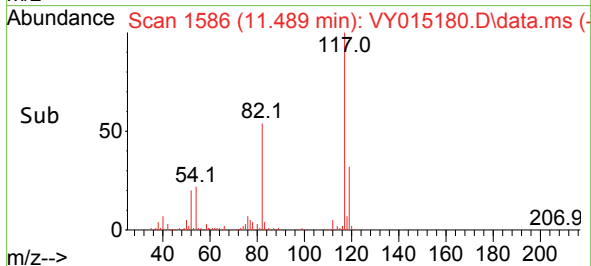
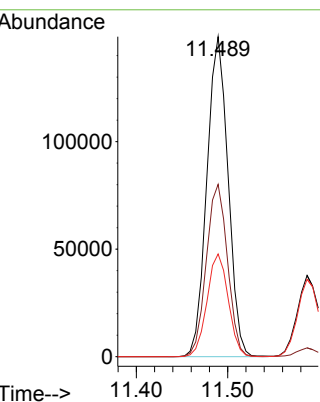
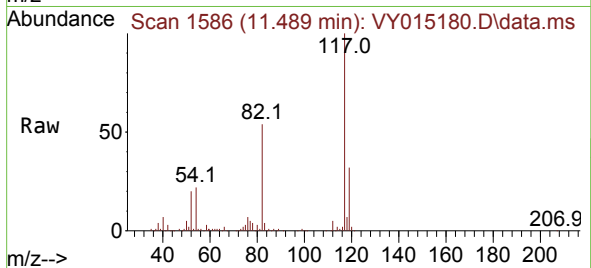
Tgt Ion:117 Resp: 240163

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 62.968 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Tgt Ion:164 Resp: 105359

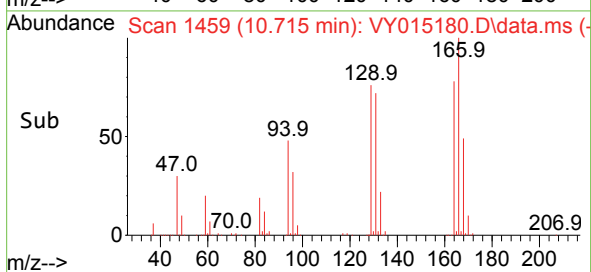
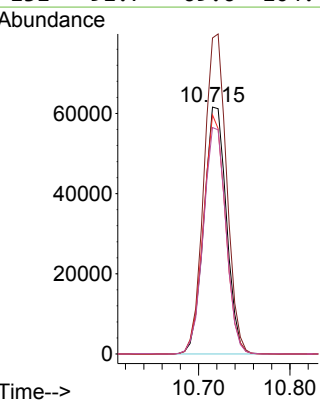
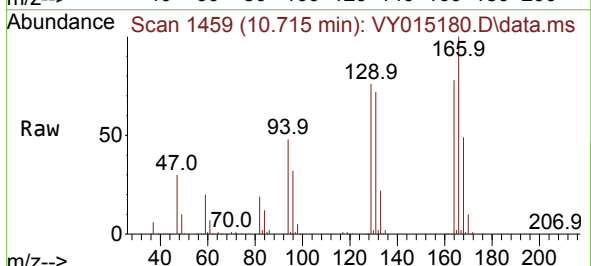
Ion Ratio Lower Upper

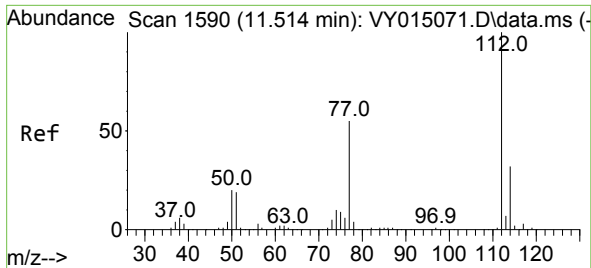
164 100

166 128.0 103.0 154.6

129 96.8 77.2 115.8

131 91.7 69.6 104.4

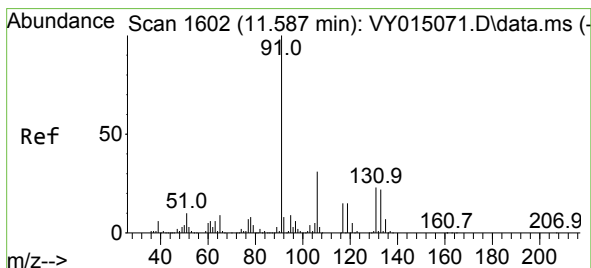
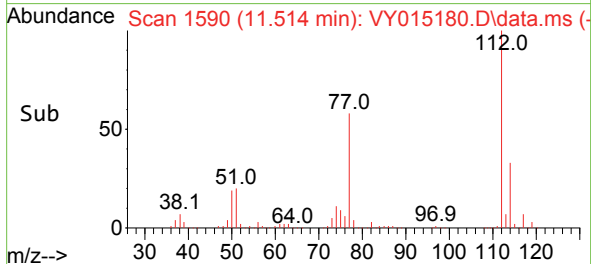
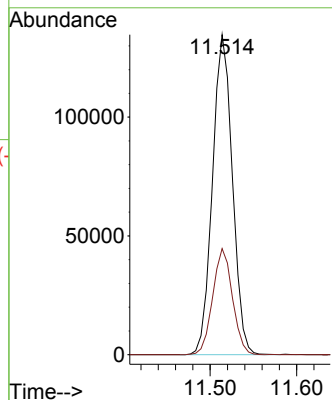
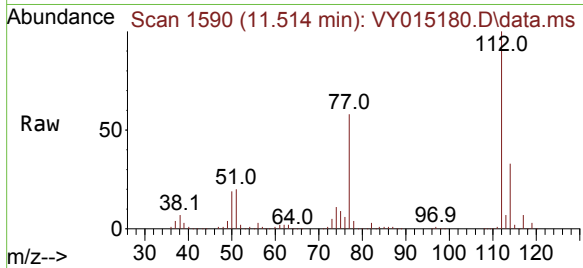




#65
Chlorobenzene
Concen: 49.160 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

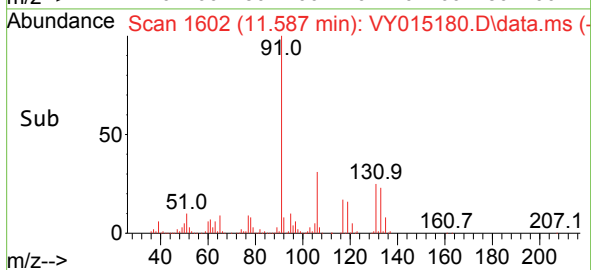
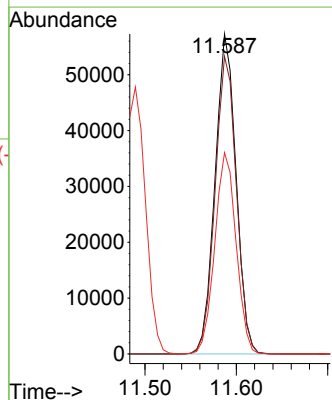
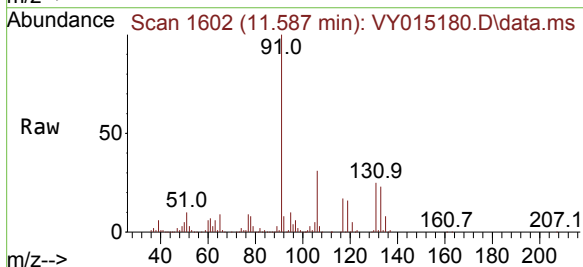
Instrument :
MSVOA_Y
ClientSampleId :

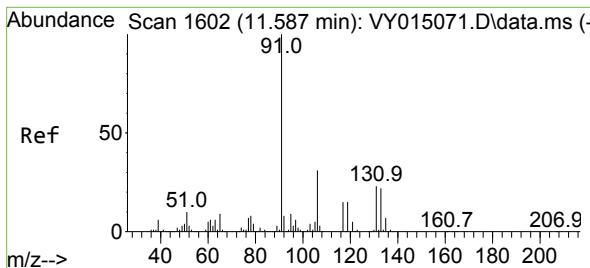
Tgt Ion:112 Resp: 215116
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.554 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion:131 Resp: 91534
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 48.626 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

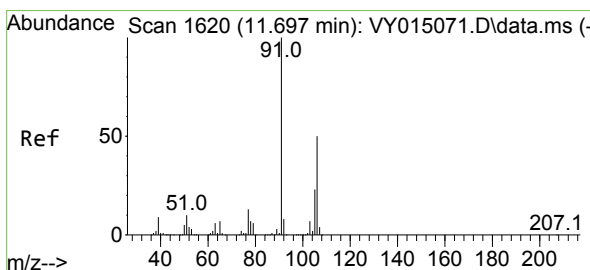
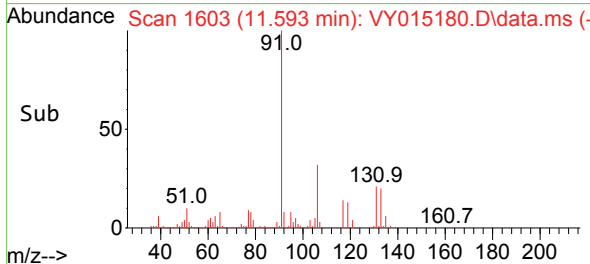
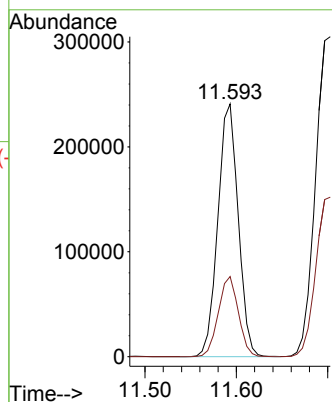
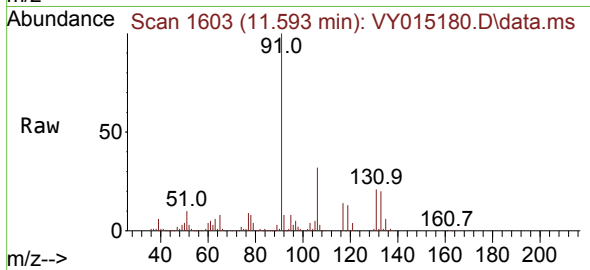
ClientSampleId :

Tgt Ion: 91 Resp: 372804

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 97.003 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015180.D

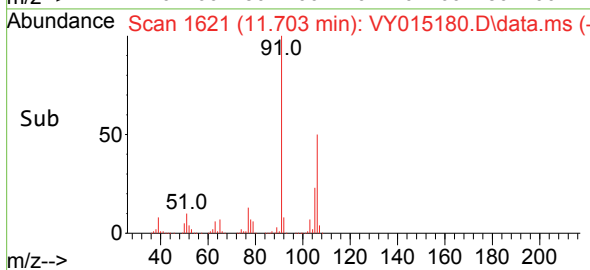
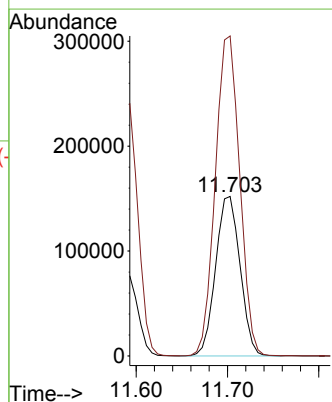
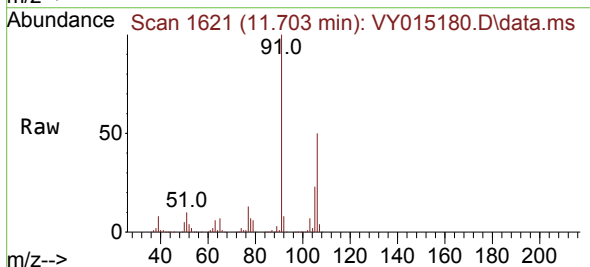
Acq: 17 Aug 2023 18:26

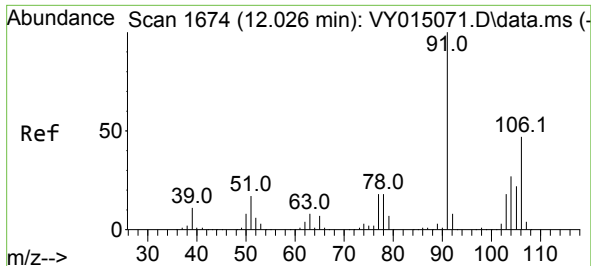
Tgt Ion:106 Resp: 282462

Ion Ratio Lower Upper

106 100

91 200.8 166.1 249.1

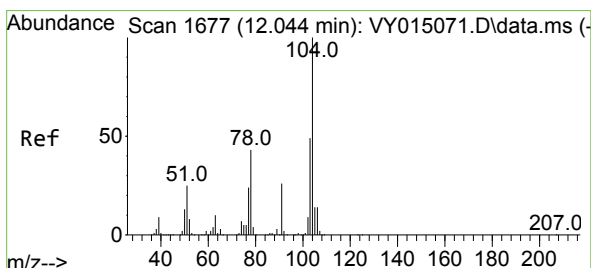
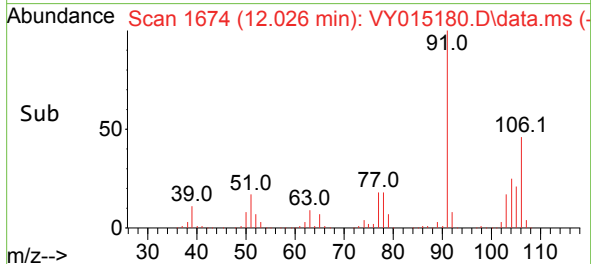
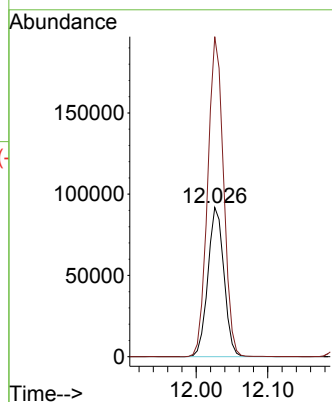
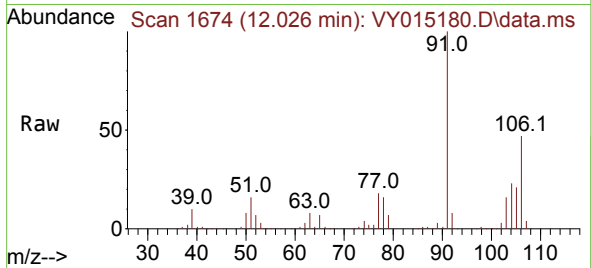




#69
o-Xylene
Concen: 49.310 ug/l
RT: 12.026 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

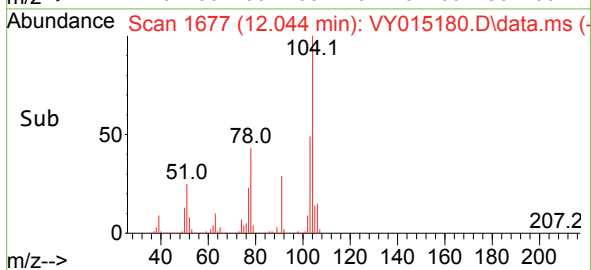
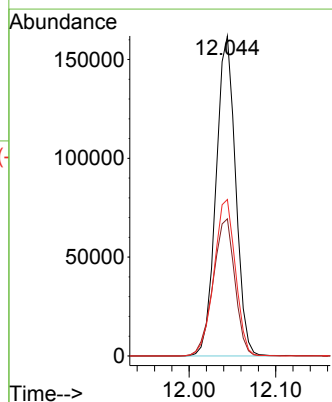
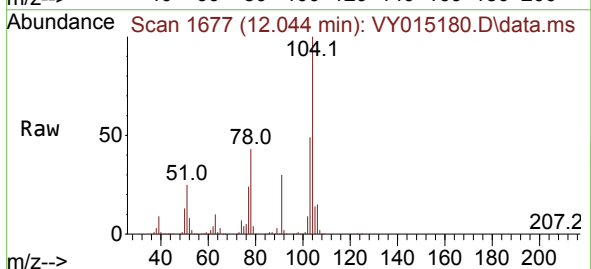
Instrument :
MSVOA_Y
ClientSampleId :

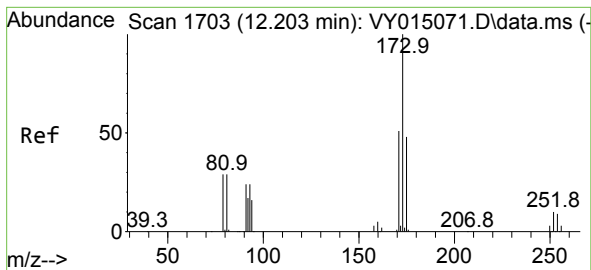
Tgt Ion:106 Resp: 143037
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3



#70
Styrene
Concen: 50.674 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion:104 Resp: 254409
Ion Ratio Lower Upper
104 100
78 47.9 41.5 62.3
103 53.7 44.6 67.0





#71

Bromoform

Concen: 49.659 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

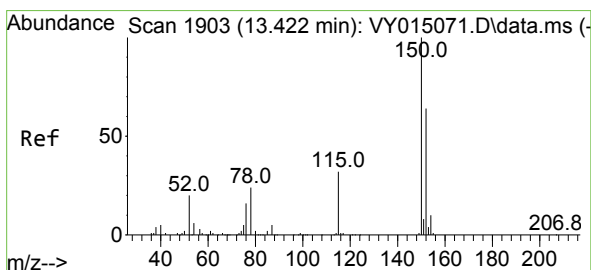
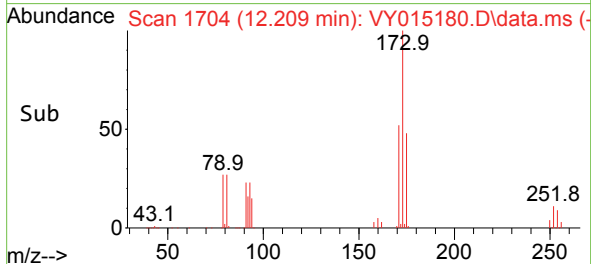
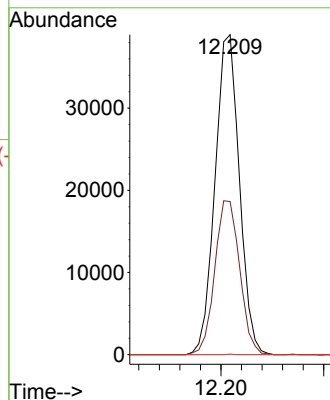
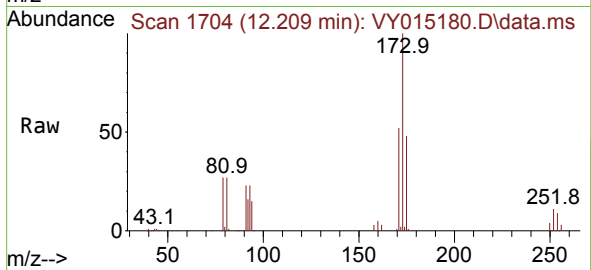
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 63915

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

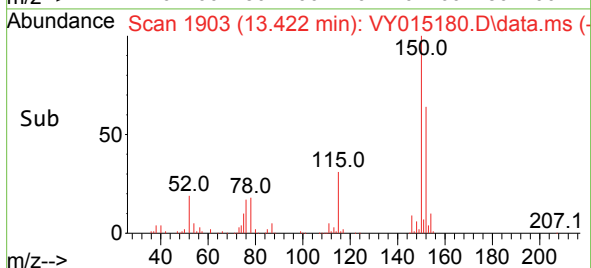
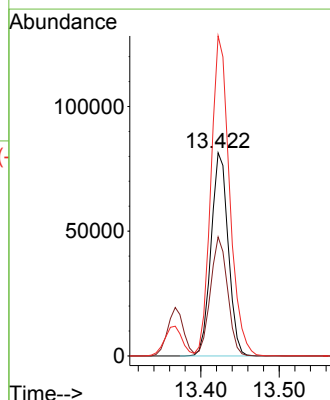
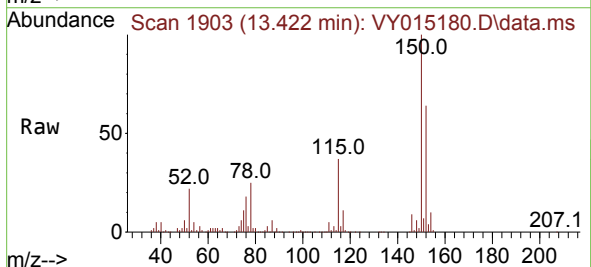
Delta R.T. 0.000 min

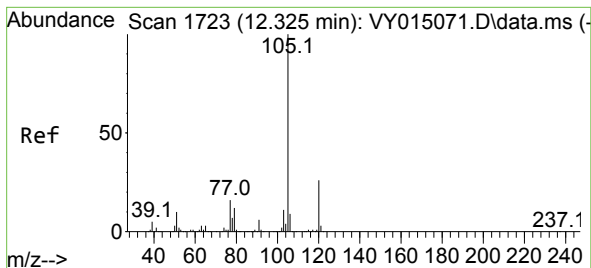
Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Tgt Ion:152 Resp: 123619

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.8	86.5
150	171.2	0.0	348.8





#73

Isopropylbenzene

Concen: 47.783 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

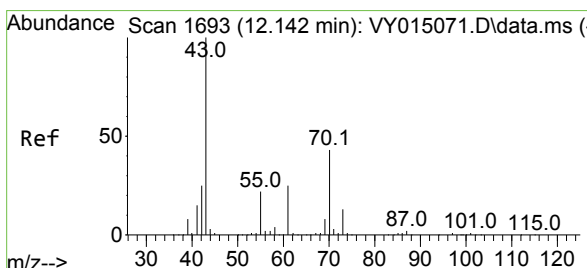
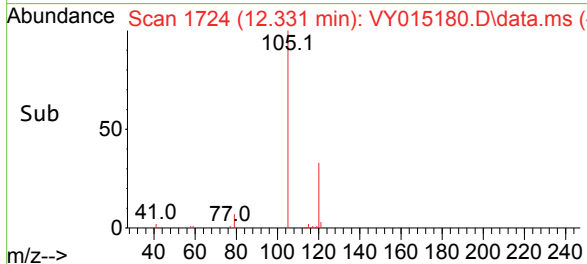
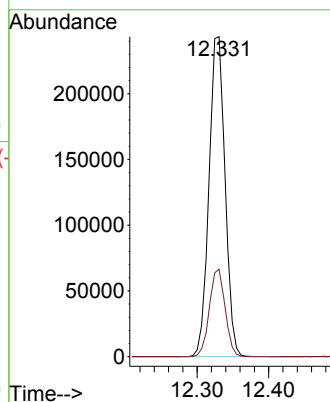
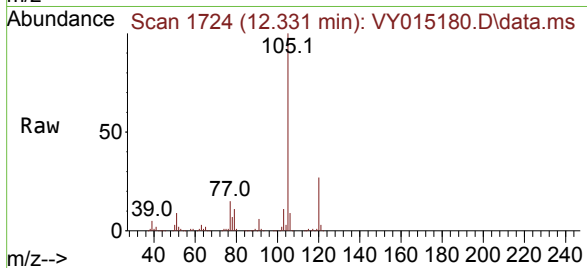
ClientSampleId :

Tgt Ion:105 Resp: 379836

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 40.194 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Tgt Ion: 43 Resp: 115357

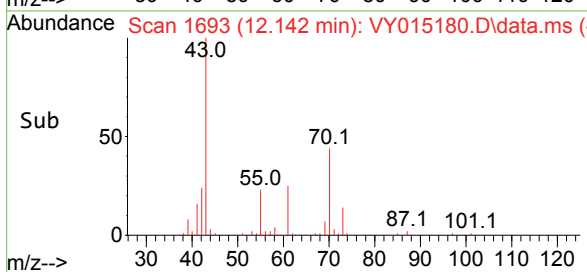
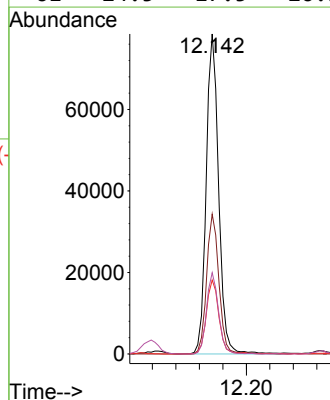
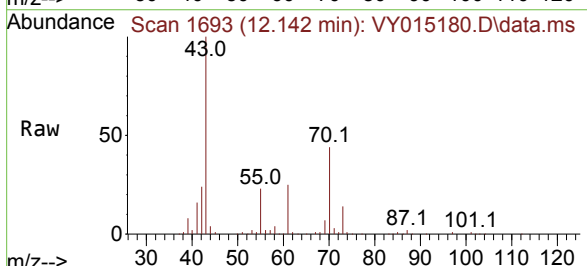
Ion Ratio Lower Upper

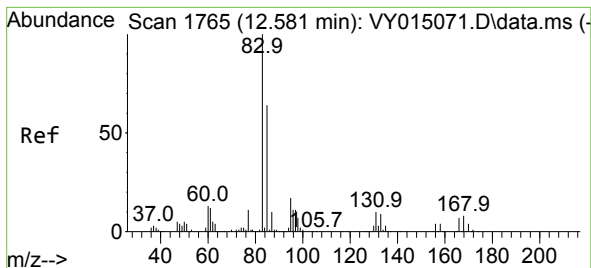
43 100

70 43.4 29.7 44.5

55 23.4 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.816 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

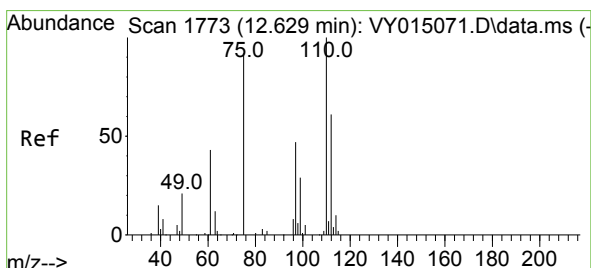
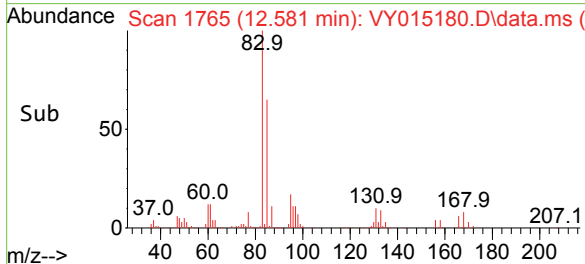
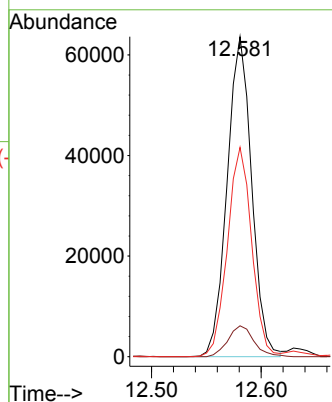
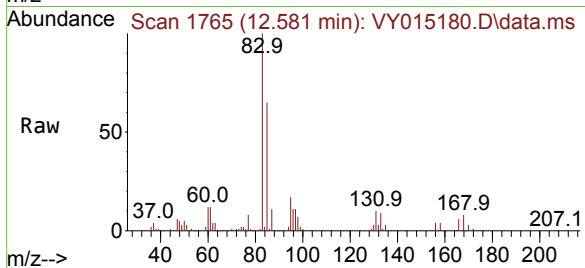
Tgt Ion: 83 Resp: 98994

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.952 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015180.D

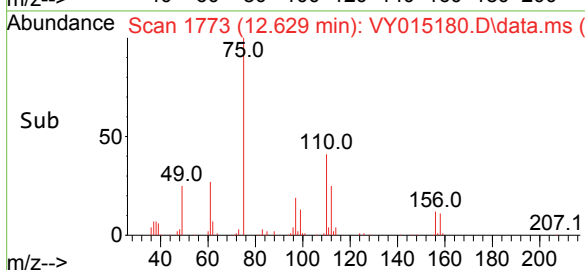
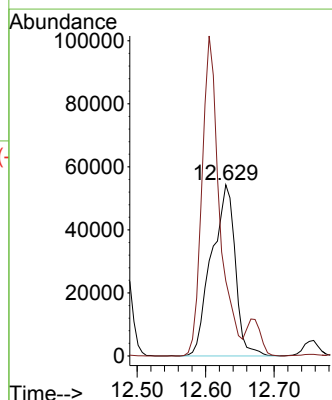
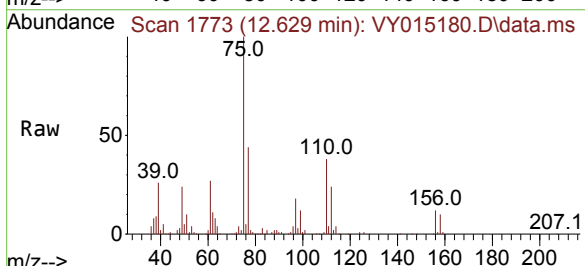
Acq: 17 Aug 2023 18:26

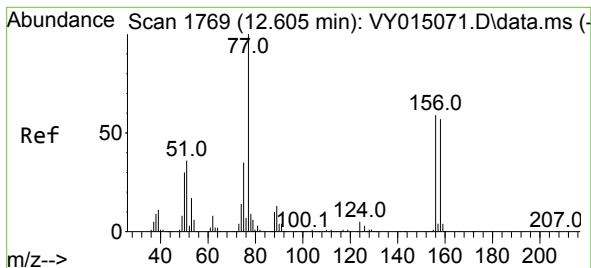
Tgt Ion: 75 Resp: 130591

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.360 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015180.D

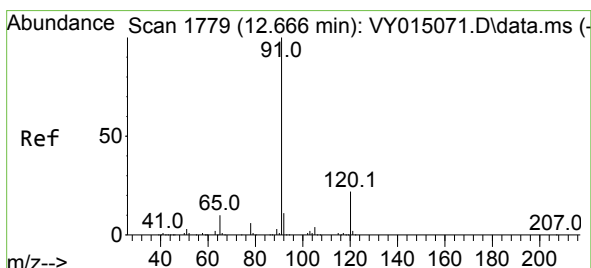
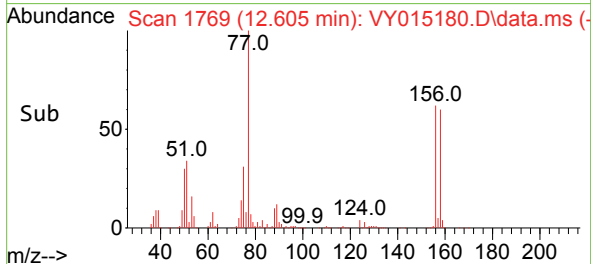
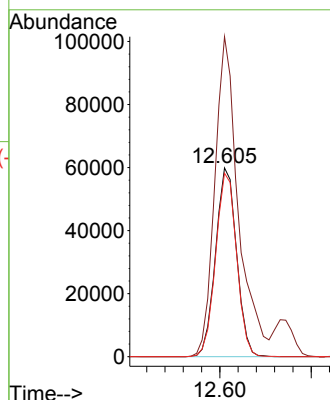
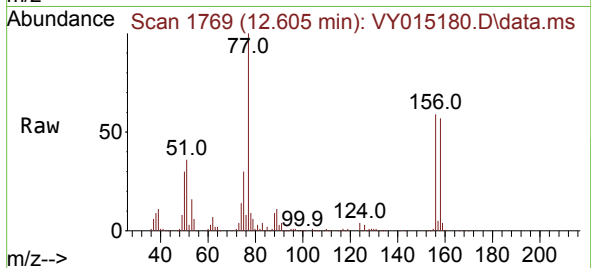
Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	95640
Ion Ratio	Lower	Upper	
156	100		
77	190.3	92.8	278.6
158	97.1	48.4	145.3



#78

n-propylbenzene

Concen: 47.228 ug/l

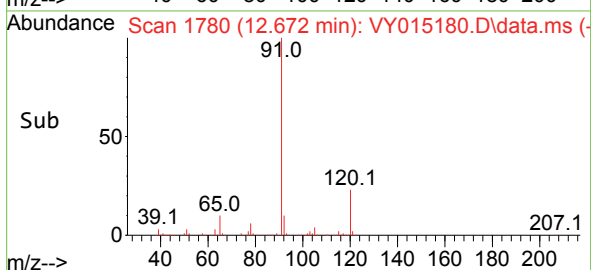
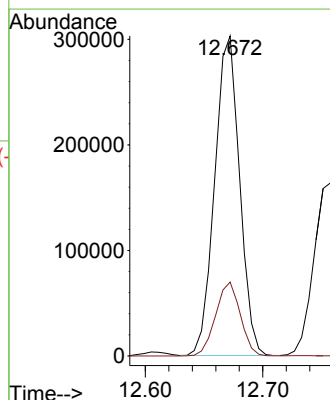
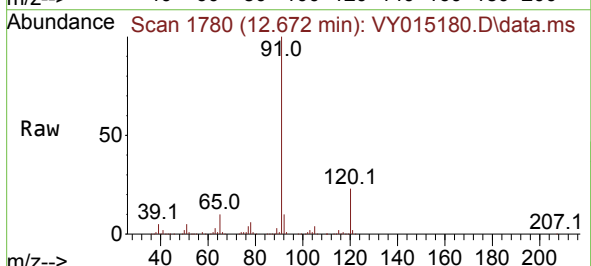
RT: 12.672 min Scan# 1780

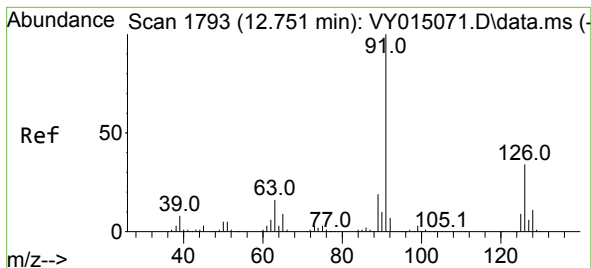
Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Tgt Ion:	91	Resp:	445811
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 47.549 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

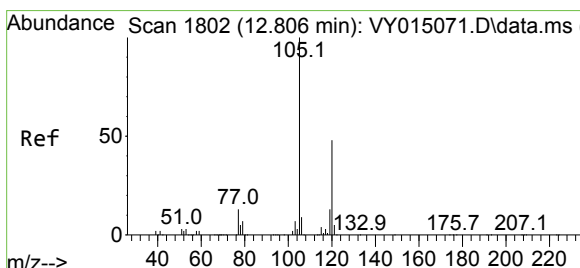
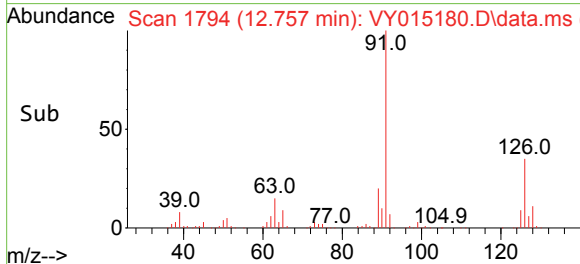
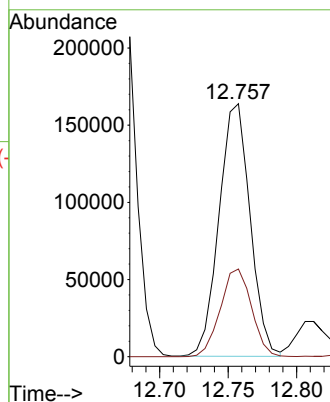
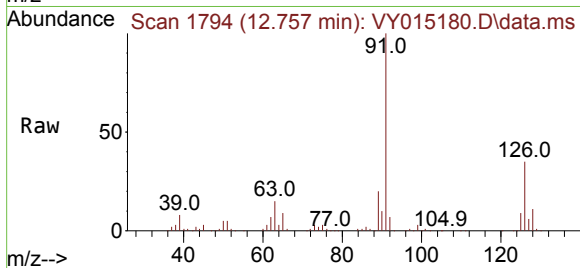
ClientSampleId :

Tgt Ion: 91 Resp: 258922

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 47.555 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015180.D

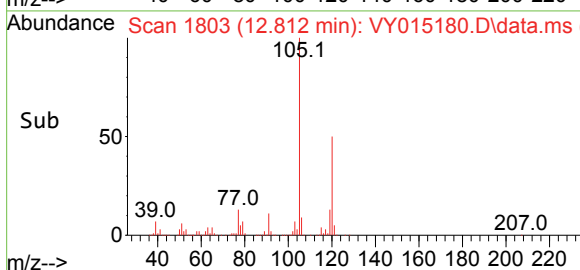
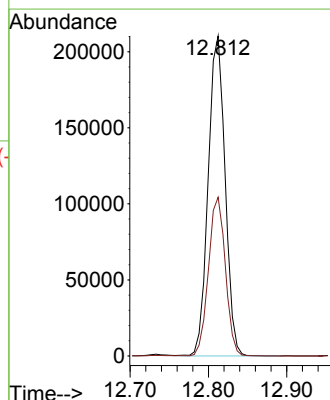
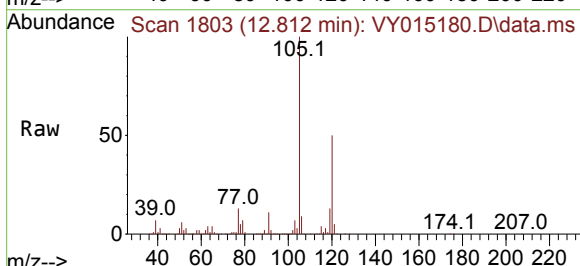
Acq: 17 Aug 2023 18:26

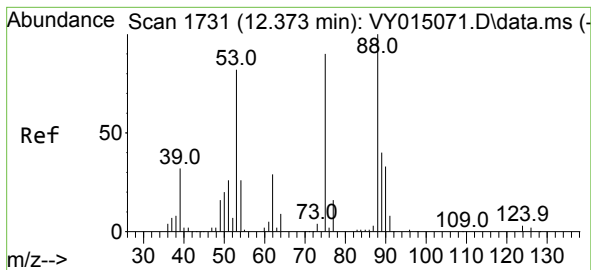
Tgt Ion:105 Resp: 315105

Ion Ratio Lower Upper

105 100

120 49.6 23.9 71.7

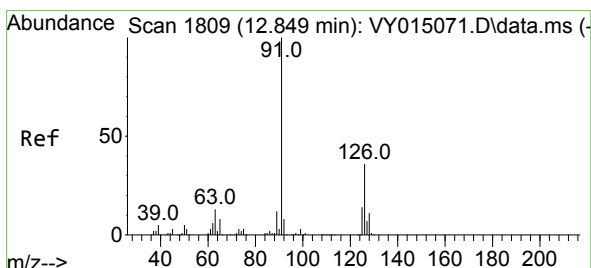
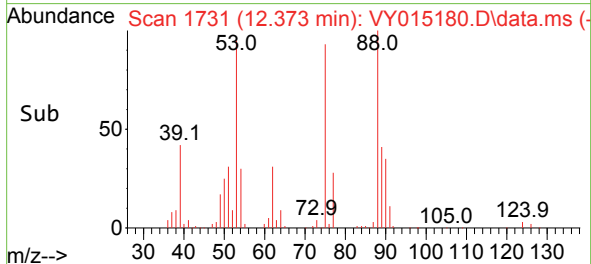
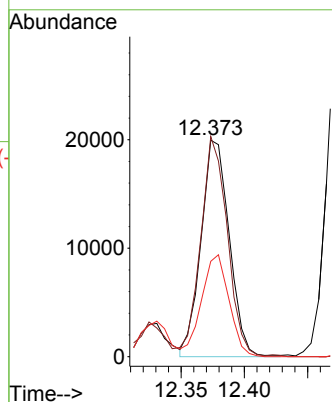
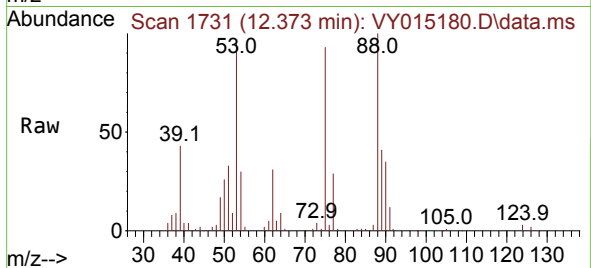




#81
trans-1,4-Dichloro-2-butene
Concen: 45.391 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

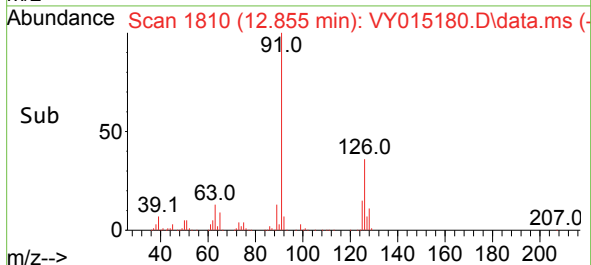
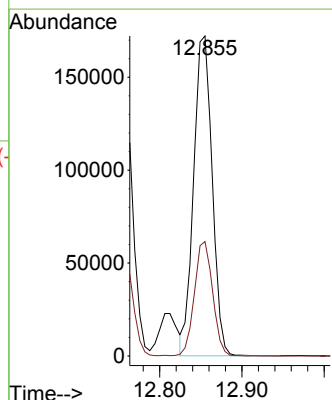
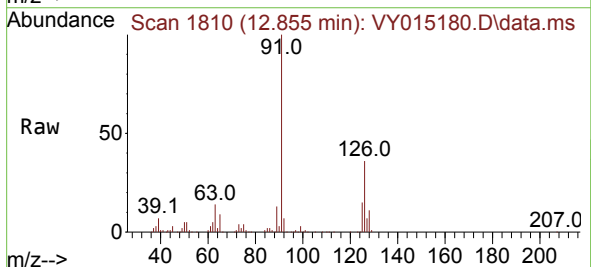
Instrument :
MSVOA_Y
ClientSampleId :

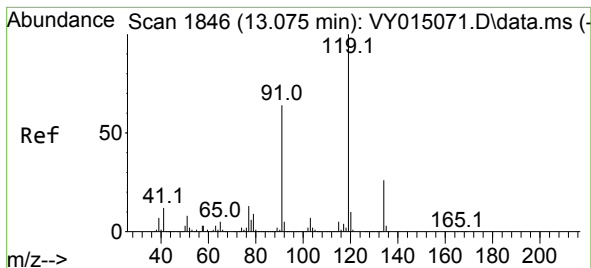
Tgt Ion: 75 Resp: 31037
Ion Ratio Lower Upper
75 100
53 96.6 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.857 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015180.D
Acq: 17 Aug 2023 18:26

Tgt Ion: 91 Resp: 269235
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.867 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

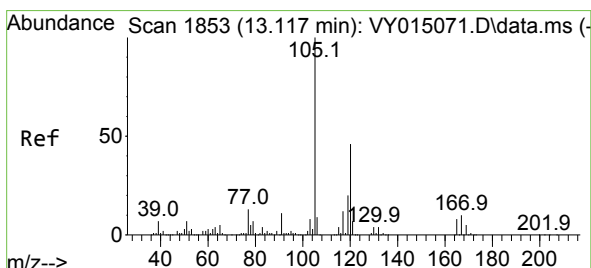
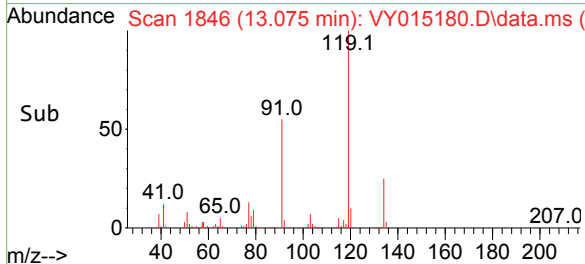
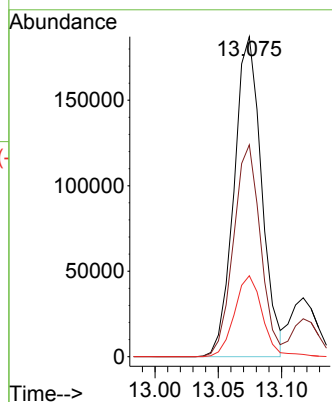
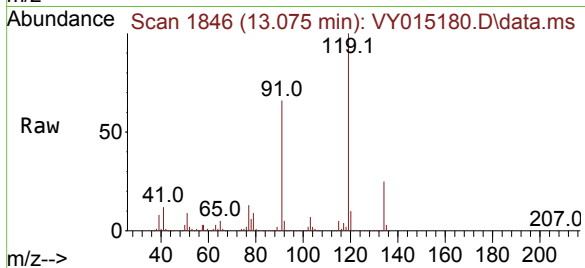
Tgt Ion:119 Resp: 284049

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.069 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015180.D

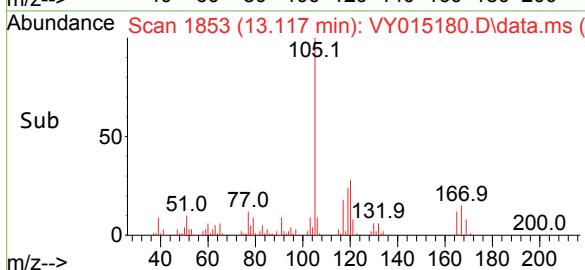
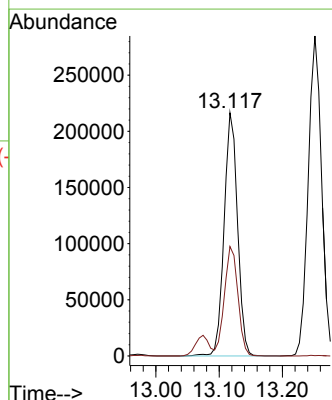
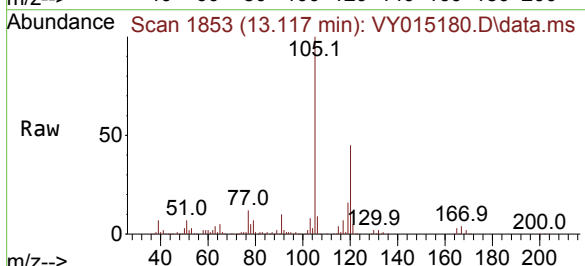
Acq: 17 Aug 2023 18:26

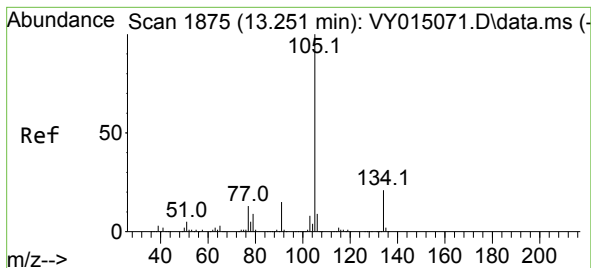
Tgt Ion:105 Resp: 318278

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 46.823 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

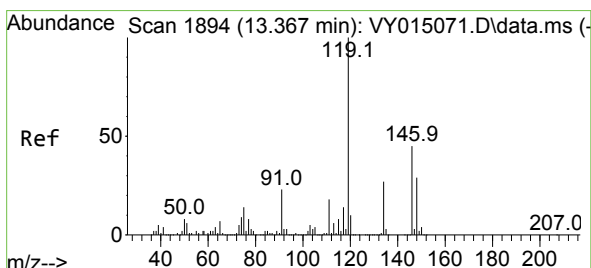
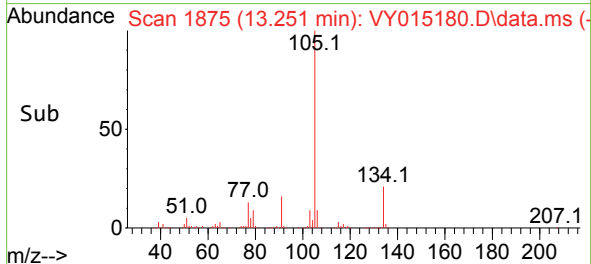
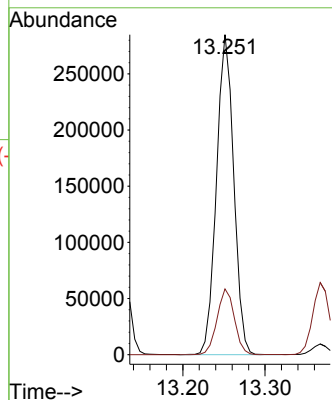
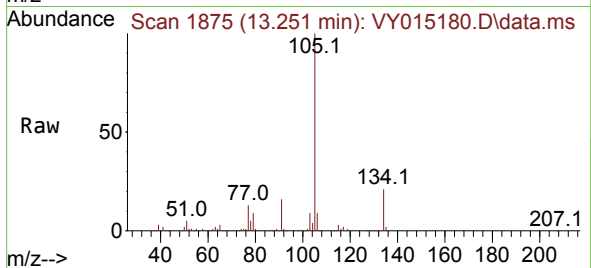
ClientSampleId :

Tgt Ion:105 Resp: 415797

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.831 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

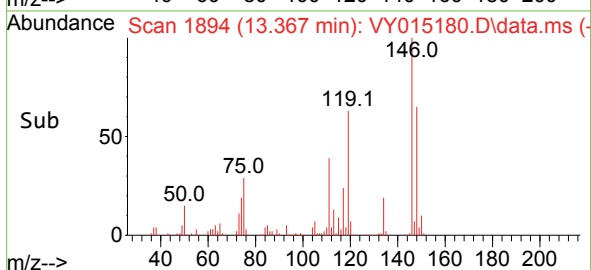
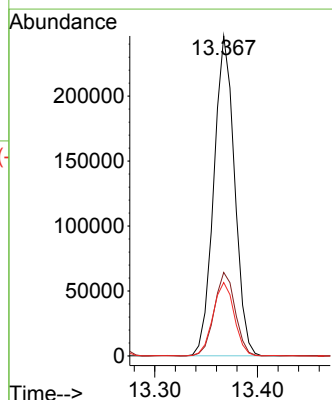
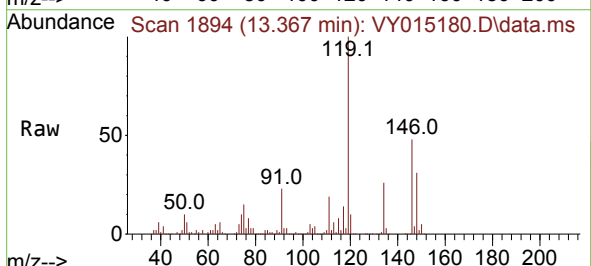
Tgt Ion:119 Resp: 344793

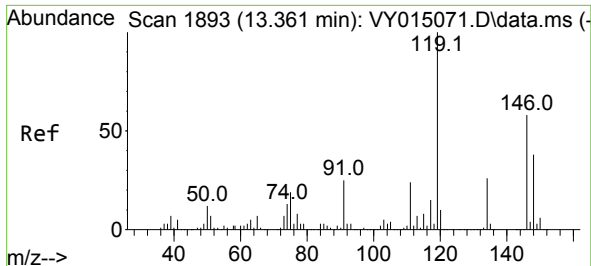
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.442 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

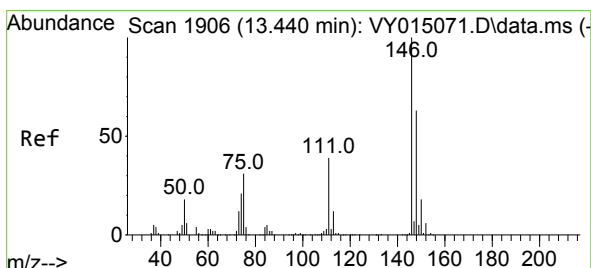
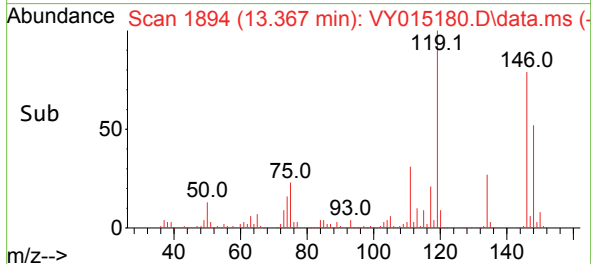
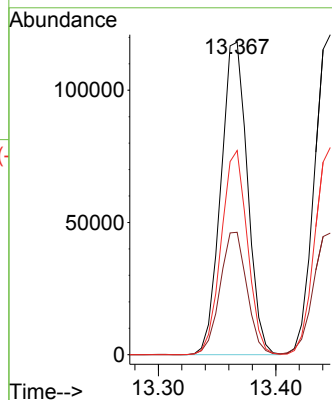
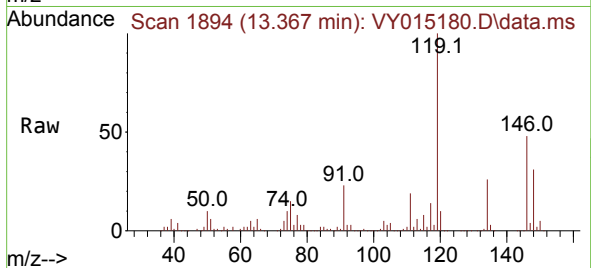
Tgt Ion:146 Resp: 186170

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.021 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

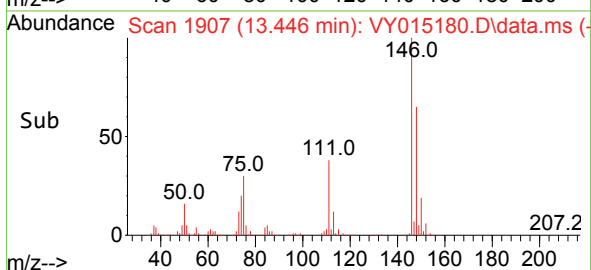
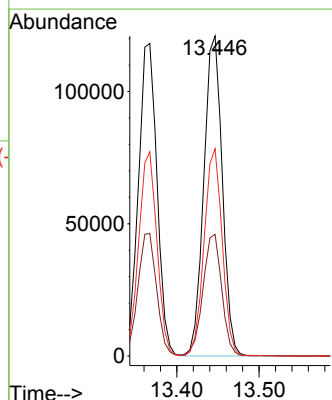
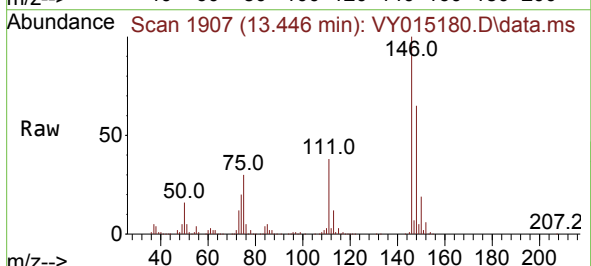
Tgt Ion:146 Resp: 188961

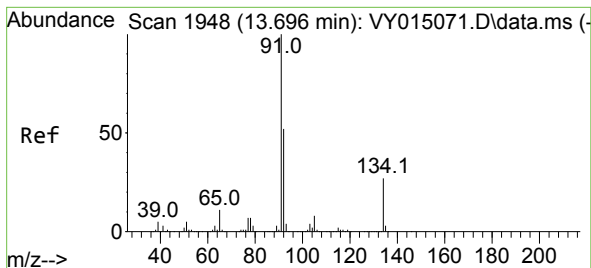
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 45.918 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

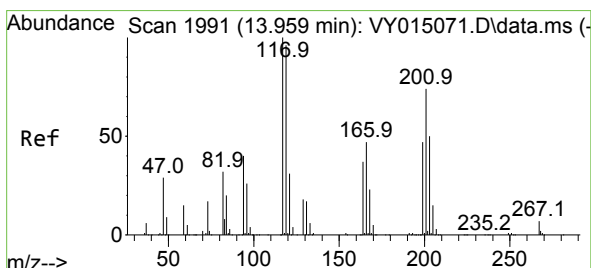
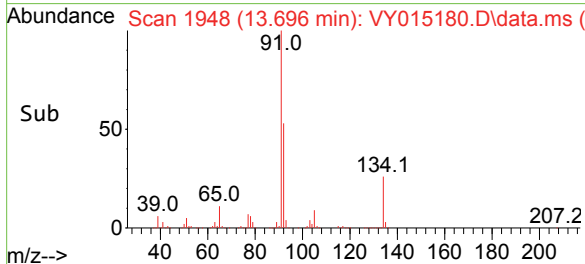
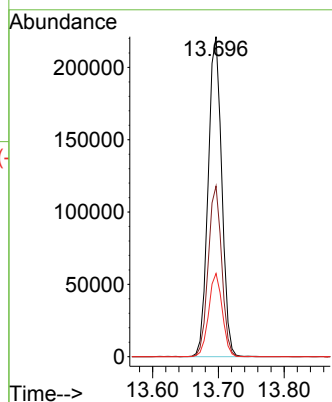
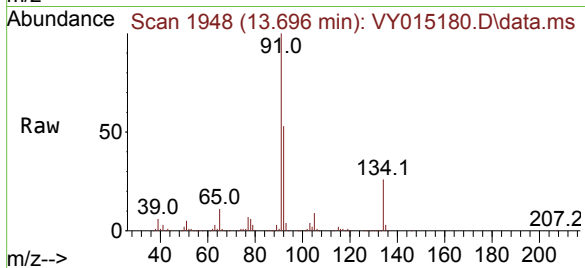
Tgt Ion: 91 Resp: 318755

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 46.694 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015180.D

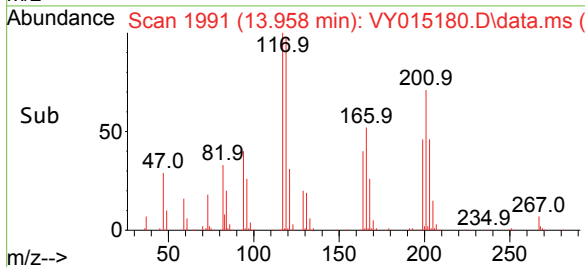
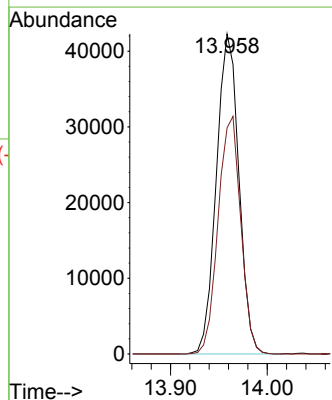
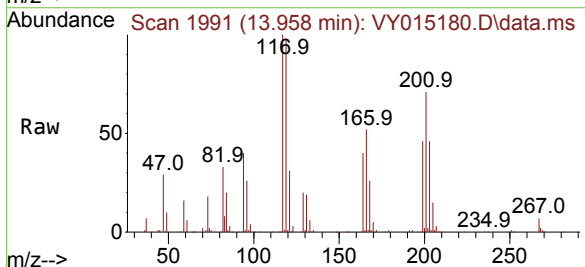
Acq: 17 Aug 2023 18:26

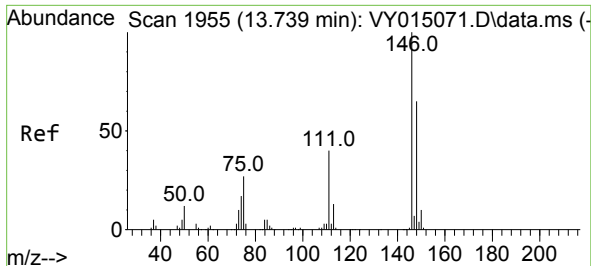
Tgt Ion: 117 Resp: 68201

Ion Ratio Lower Upper

117 100

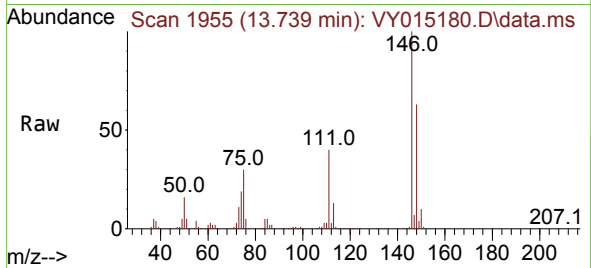
201 74.7 41.6 124.8



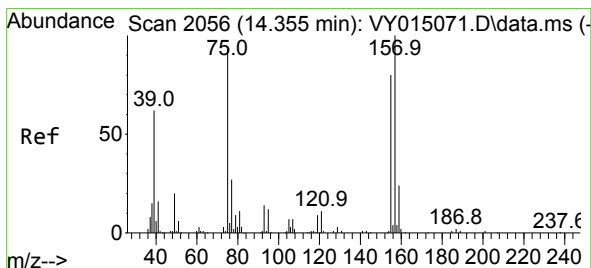
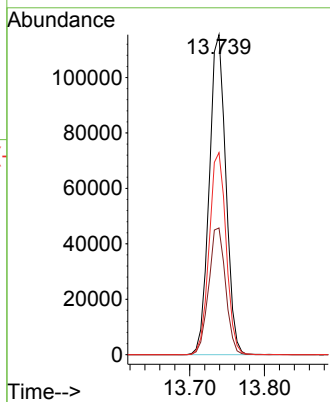
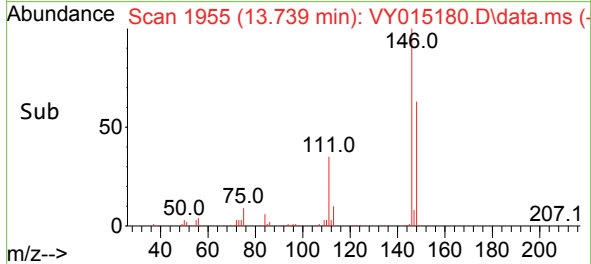


#91
 1,2-Dichlorobenzene
 Concen: 49.726 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015180.D
 Acq: 17 Aug 2023 18:26

Instrument :
 MSVOA_Y
 ClientSampleId :

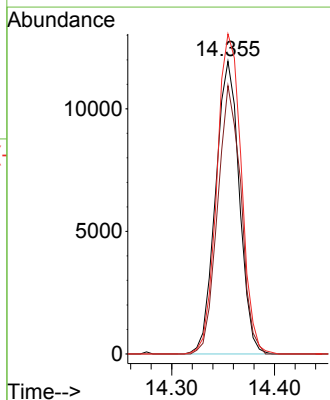
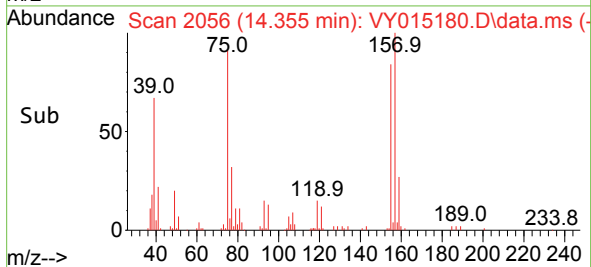
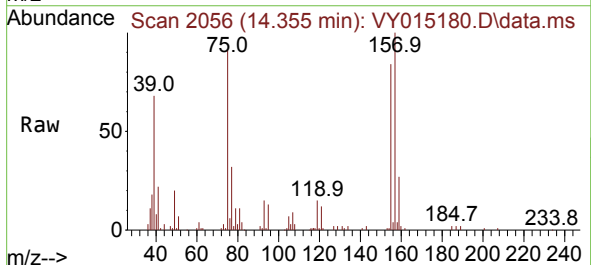


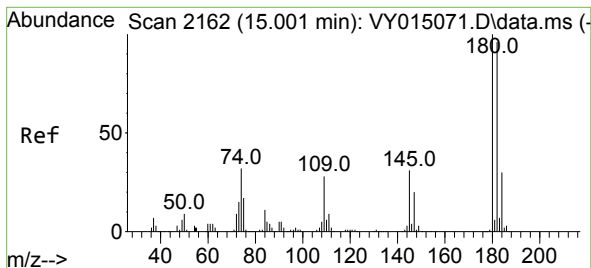
Tgt Ion:146 Resp: 178527
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.7 59.0
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.734 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015180.D
 Acq: 17 Aug 2023 18:26

Tgt Ion: 75 Resp: 19144
 Ion Ratio Lower Upper
 75 100
 155 89.6 41.5 124.6
 157 112.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.508 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

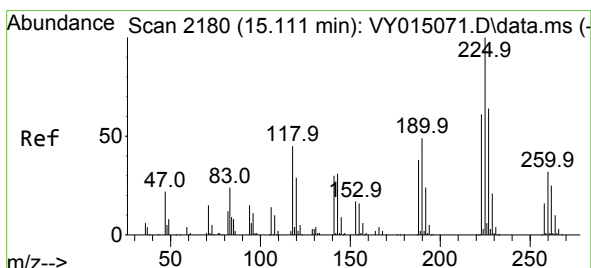
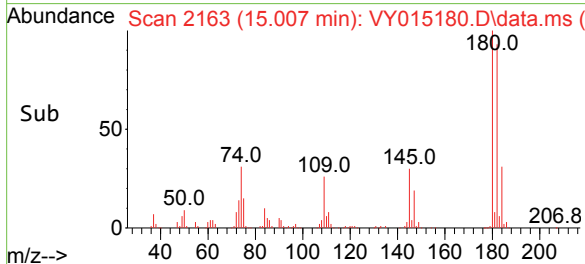
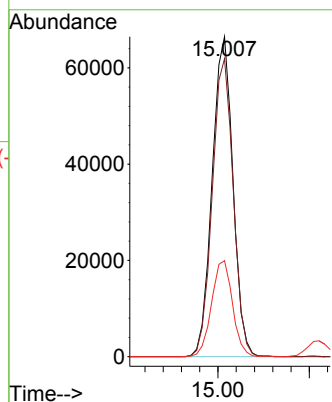
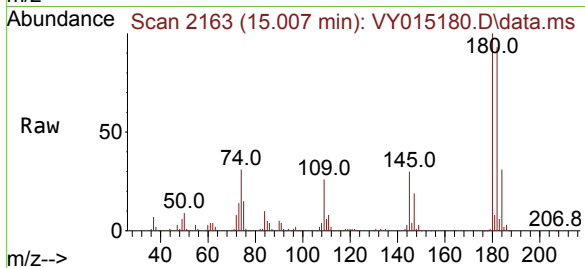
Tgt Ion:180 Resp: 104892

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.605 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

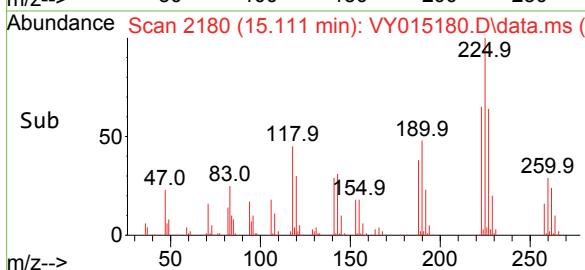
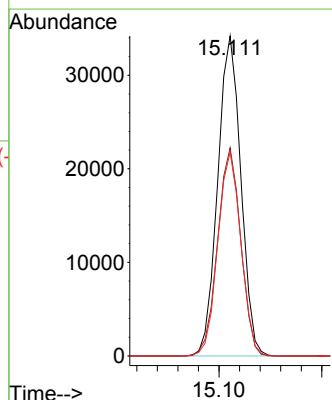
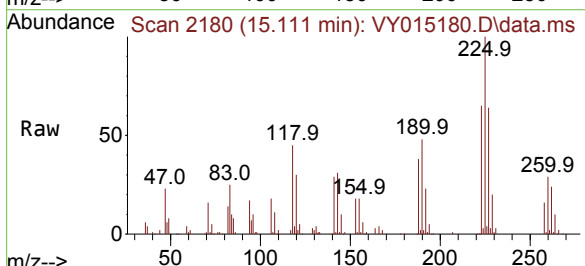
Tgt Ion:225 Resp: 53416

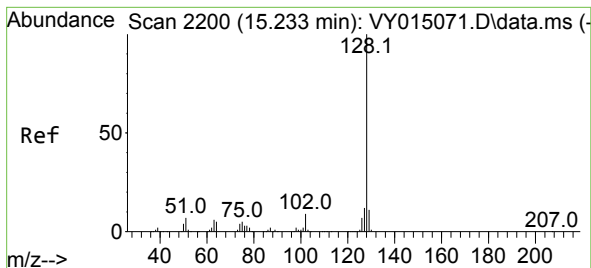
Ion Ratio Lower Upper

225 100

223 64.8 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 51.026 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

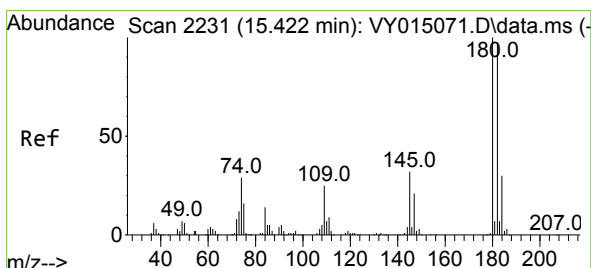
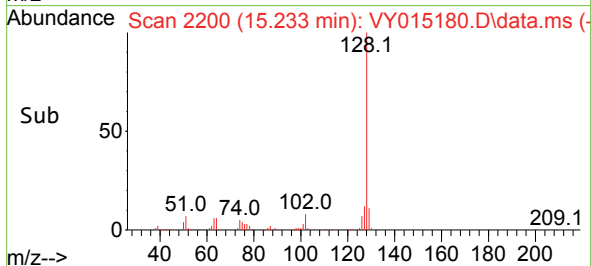
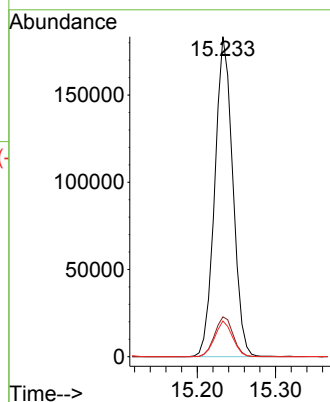
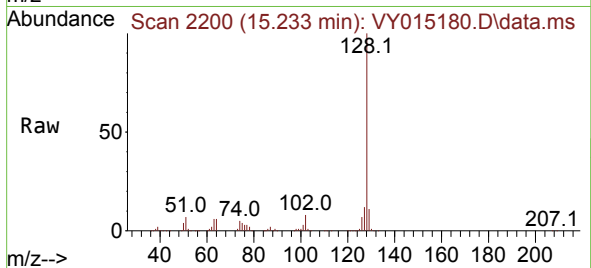
Tgt Ion:128 Resp: 292973

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.015 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015180.D

Acq: 17 Aug 2023 18:26

Tgt Ion:180 Resp: 95785

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 33.0 15.4 46.2

