

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015794.D
 Acq On : 02 Oct 2023 22:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:31:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	178694	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	305785	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	282353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89964	45.757	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.520%		
35) Dibromofluoromethane	7.722	113	86805	47.428	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.860%		
50) Toluene-d8	10.185	98	297316	47.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.483	95	111990	45.986	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	59869	50.828	ug/l	99
3) Chloromethane	2.113	50	74855	50.374	ug/l	100
4) Vinyl Chloride	2.253	62	90065	53.010	ug/l	94
5) Bromomethane	2.650	94	72577	50.291	ug/l	98
6) Chloroethane	2.796	64	68552	54.436	ug/l	97
7) Trichlorofluoromethane	3.125	101	149612	52.507	ug/l	98
8) Diethyl Ether	3.540	74	66207	54.486	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	96414	54.042	ug/l	95
10) Methyl Iodide	4.101	142	103261	49.263	ug/l	98
11) Tert butyl alcohol	4.972	59	129311	319.510	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	83692	53.236	ug/l	94
13) Acrolein	3.735	56	55836	185.434	ug/l	100
14) Allyl chloride	4.485	41	153088	53.260	ug/l	93
15) Acrylonitrile	5.174	53	233502	261.954	ug/l	98
16) Acetone	3.960	43	211036	200.569	ug/l	91
17) Carbon Disulfide	4.198	76	150377	49.239	ug/l	99
18) Methyl Acetate	4.485	43	212746	60.263	ug/l	94
19) Methyl tert-butyl Ether	5.229	73	360853	56.358	ug/l	100
20) Methylene Chloride	4.723	84	123205	53.839	ug/l	92
21) trans-1,2-Dichloroethene	5.229	96	98234	54.668	ug/l	96
22) Diisopropyl ether	6.131	45	387820	56.064	ug/l	91
23) Vinyl Acetate	6.070	43	1038748	243.287	ug/l	95
24) 1,1-Dichloroethane	6.027	63	210080	55.718	ug/l	96
25) 2-Butanone	6.997	43	342247	230.124	ug/l	97
26) 2,2-Dichloropropane	6.990	77	163523	47.451	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	133114	55.801	ug/l	95
28) Bromochloromethane	7.338	49	46630	45.584	ug/l	99
29) Tetrahydrofuran	7.356	42	218505	259.940	ug/l	94
30) Chloroform	7.515	83	227509	56.345	ug/l	95
31) Cyclohexane	7.789	56	133195	48.903	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	188807	56.643	ug/l	99
36) 1,1-Dichloropropene	7.923	75	142627	52.705	ug/l	99
37) Ethyl Acetate	7.082	43	133488	49.454	ug/l	96
38) Carbon Tetrachloride	7.911	117	161822	55.090	ug/l	99
39) Methylcyclohexane	9.191	83	154291	51.548	ug/l	93
40) Benzene	8.167	78	446801	54.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	193209	132.937	ug/l #	29
42) 1,2-Dichloroethane	8.246	62	151417	53.574	ug/l	93
43) Isopropyl Acetate	8.283	43	242354	52.562	ug/l	97
44) Trichloroethene	8.947	130	126421	54.848	ug/l	99
45) 1,2-Dichloropropane	9.222	63	127015	55.191	ug/l	97
46) Dibromomethane	9.313	93	80721	54.833	ug/l	95
47) Bromodichloromethane	9.502	83	185058	56.398	ug/l	98
48) Methyl methacrylate	9.295	41	108192	53.458	ug/l	89
49) 1,4-Dioxane	9.307	88	29527	1015.266	ug/l #	58
51) 4-Methyl-2-Pentanone	10.075	43	746410	261.177	ug/l	93
52) Toluene	10.246	92	291575	54.804	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	188137	53.466	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	203336	53.683	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	117166	54.310	ug/l	98
56) Ethyl methacrylate	10.514	69	176823	55.617	ug/l	89
57) 1,3-Dichloropropane	10.795	76	198343	54.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	177398	175.663	ug/l	96
59) 2-Hexanone	10.837	43	545729	248.896	ug/l	90
60) Dibromochloromethane	10.990	129	141919	56.354	ug/l	100
61) 1,2-Dibromoethane	11.093	107	114009	54.019	ug/l	98
64) Tetrachloroethene	10.728	164	146744	60.575	ug/l	97
65) Chlorobenzene	11.520	112	335022	54.358	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	136282	56.926	ug/l	98
67) Ethyl Benzene	11.593	91	589748	54.746	ug/l	100
68) m/p-Xylenes	11.709	106	445139	108.716	ug/l	96
69) o-Xylene	12.032	106	221553	55.182	ug/l	98
70) Styrene	12.044	104	383719	55.834	ug/l	97
71) Bromoform	12.209	173	98022	56.502	ug/l #	98
73) Isopropylbenzene	12.331	105	589460	56.950	ug/l	100
74) N-amyl acetate	12.148	43	208289	53.542	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	157570	54.700	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	203980	92.670	ug/l #	100
77) Bromobenzene	12.611	156	144207	56.759	ug/l	95
78) n-propylbenzene	12.672	91	707275	56.248	ug/l	100
79) 2-Chlorotoluene	12.758	91	408877	57.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	492731	56.864	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	50416	51.579	ug/l	94
82) 4-Chlorotoluene	12.855	91	421431	56.322	ug/l	100
83) tert-Butylbenzene	13.075	119	446170	58.790	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	490452	56.569	ug/l	98
85) sec-Butylbenzene	13.258	105	652285	57.432	ug/l	100
86) p-Isopropyltoluene	13.373	119	538205	56.730	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	283249	56.196	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	281908	55.922	ug/l	99
89) n-Butylbenzene	13.697	91	501377	55.810	ug/l	97
90) Hexachloroethane	13.965	117	107025	58.452	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	265191	56.995	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30227	52.834	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	164421	56.132	ug/l	100
94) Hexachlorobutadiene	15.111	225	83831	55.885	ug/l	98
95) Naphthalene	15.239	128	431303	56.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	150274	55.583	ug/l	98

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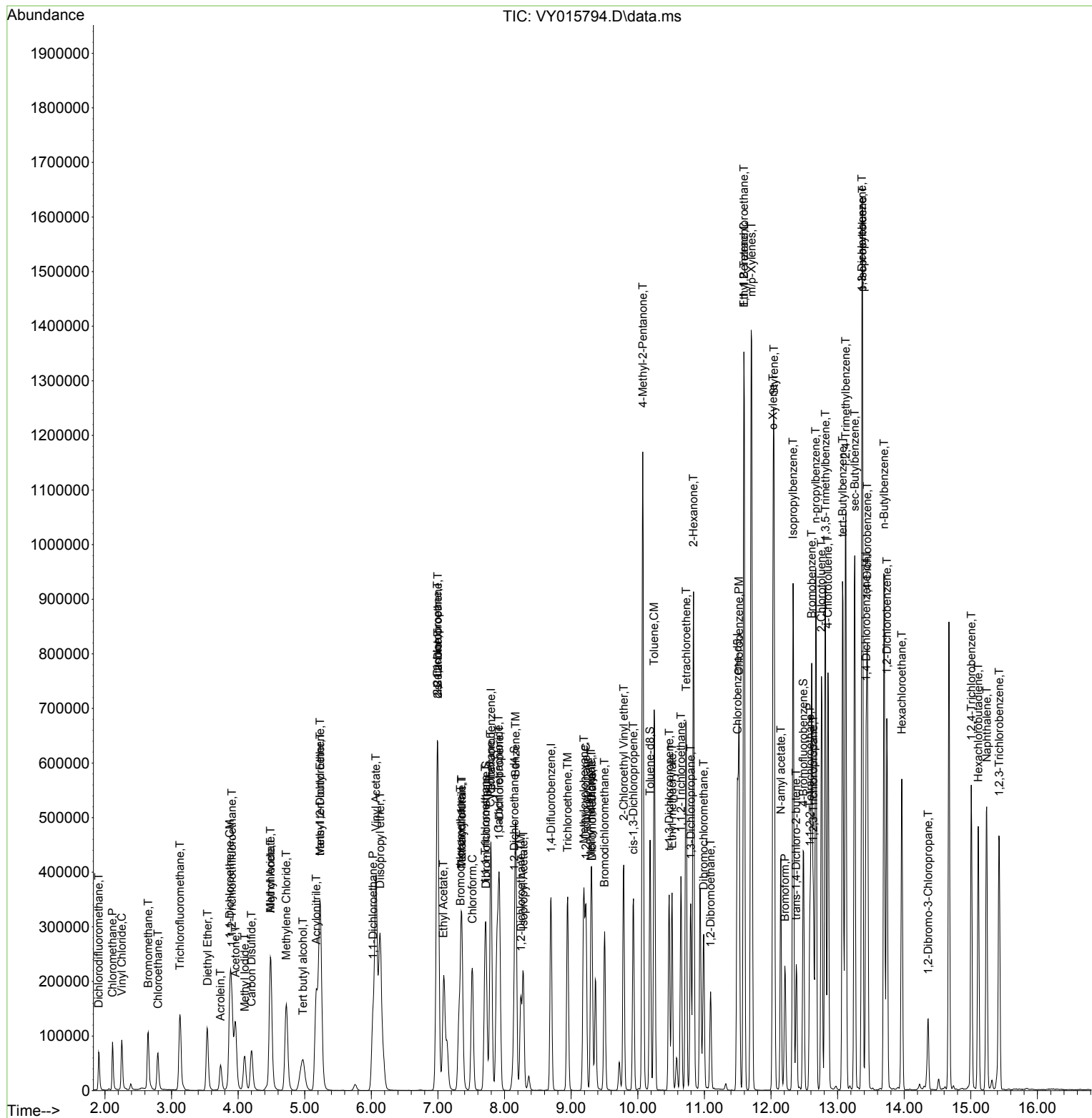
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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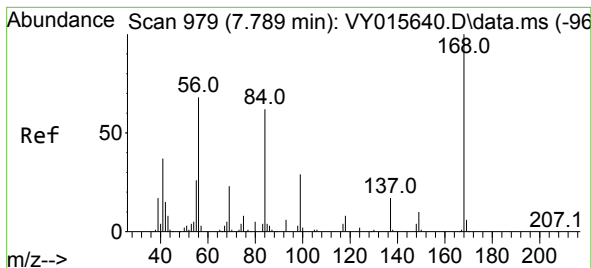
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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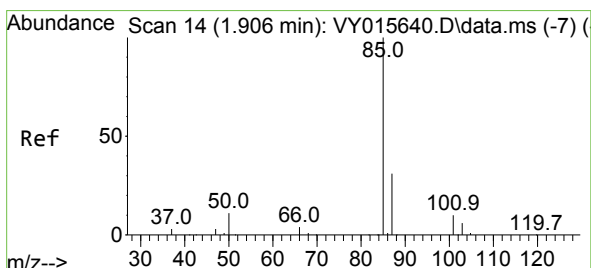
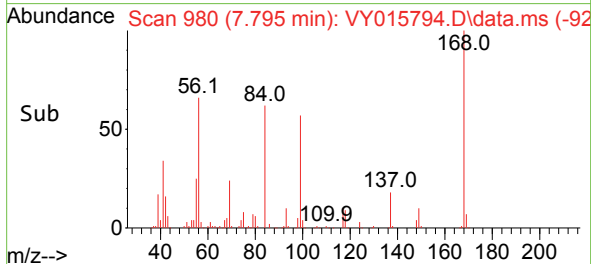
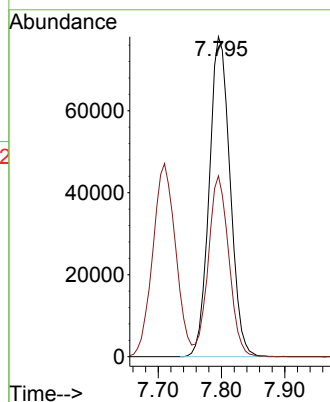
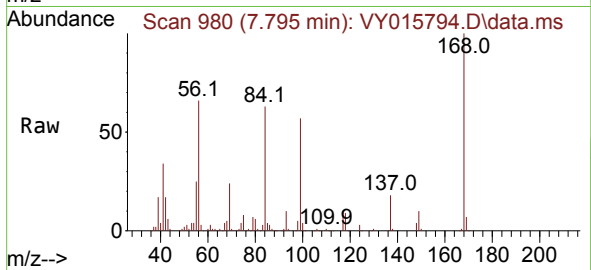




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
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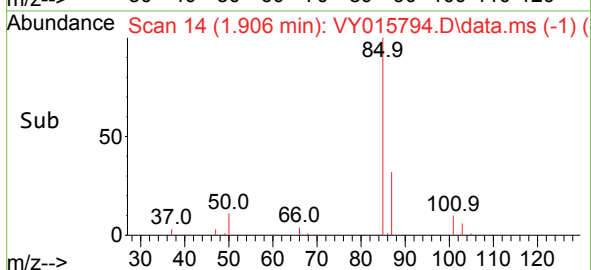
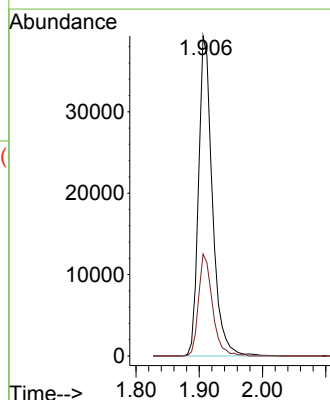
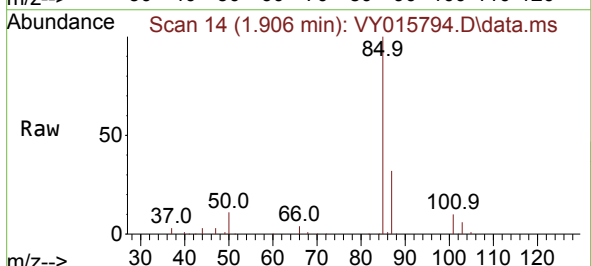
Instrument :
MSVOA_Y
ClientSampleId :

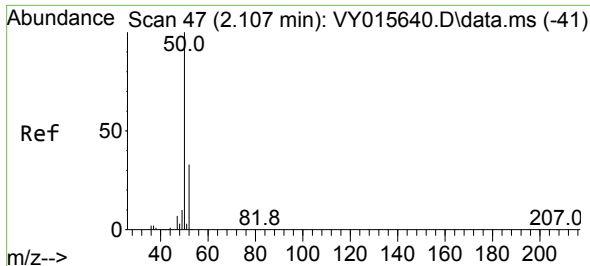
Tgt Ion:168 Resp: 178694
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.828 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

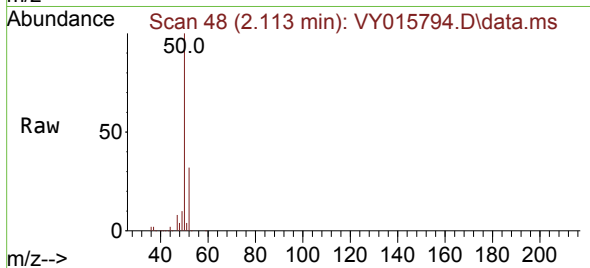
Tgt Ion: 85 Resp: 59869
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8



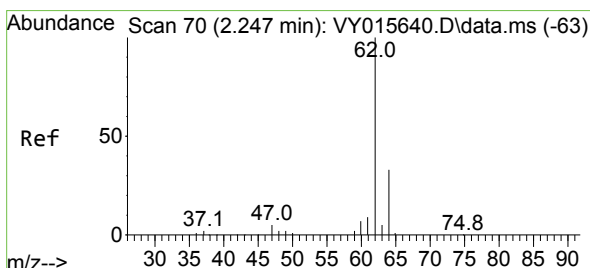
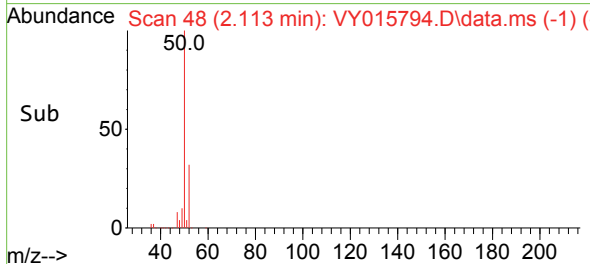
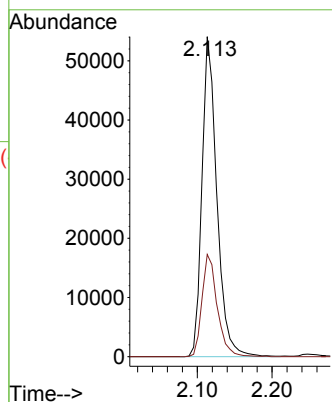


#3
Chloromethane
Concen: 50.374 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :

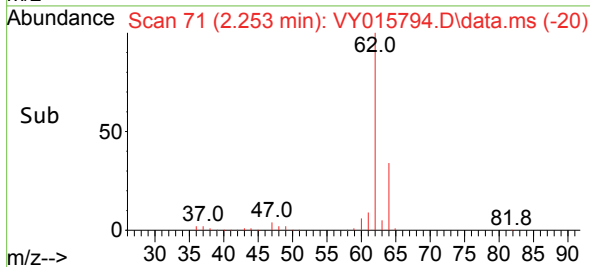
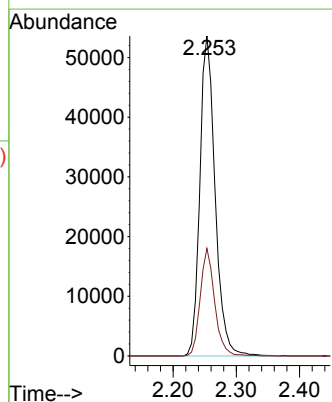
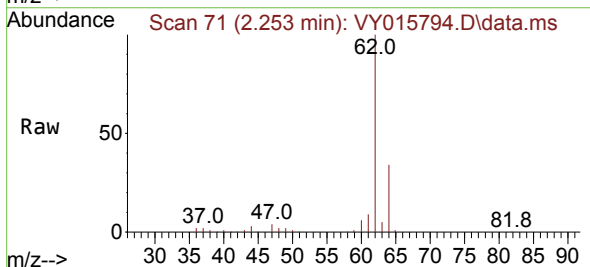


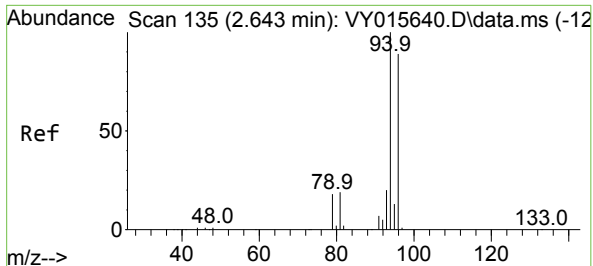
Tgt Ion: 50 Resp: 74855
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 53.010 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 62 Resp: 90065
Ion Ratio Lower Upper
62 100
64 33.6 24.3 36.5

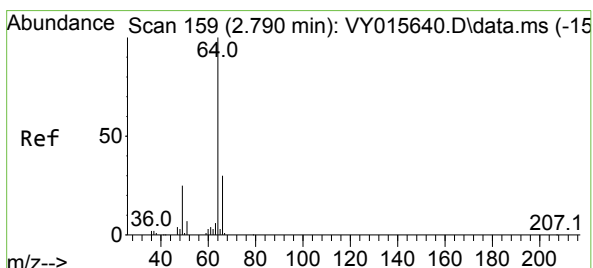
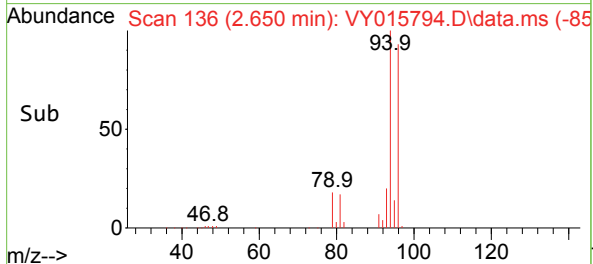
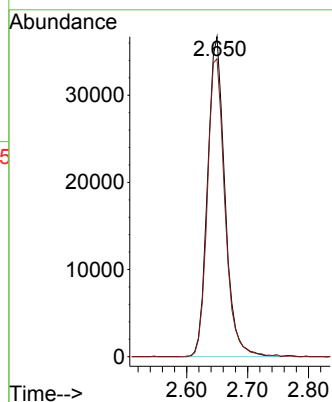
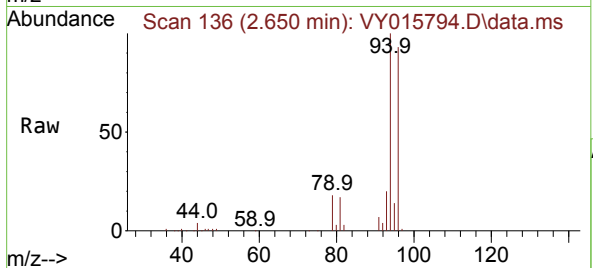




#5
Bromomethane
Concen: 50.291 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

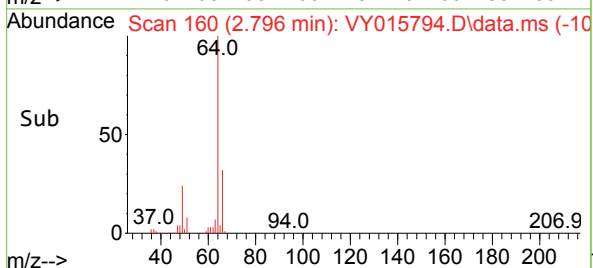
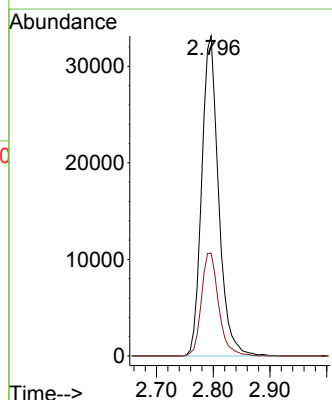
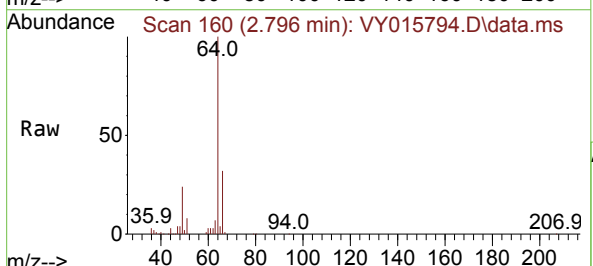
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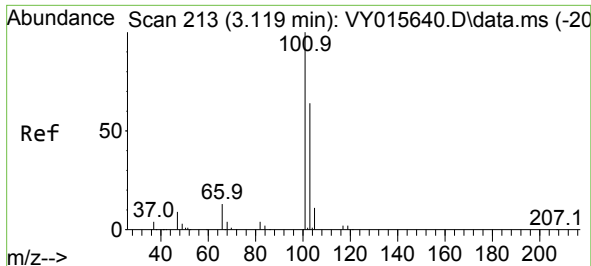
Tgt Ion: 94 Resp: 72577
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.6



#6
Chloroethane
Concen: 54.436 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015794.D
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Tgt Ion: 64 Resp: 68552
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6

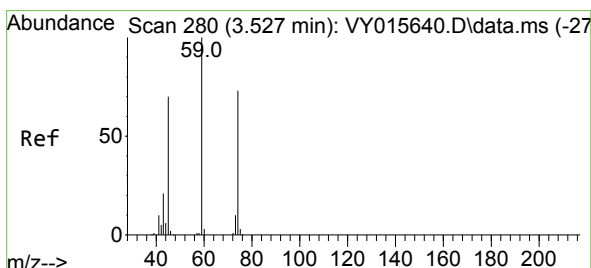
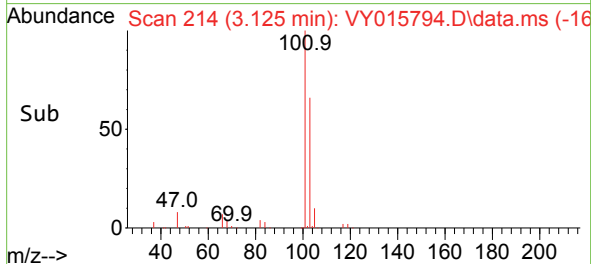
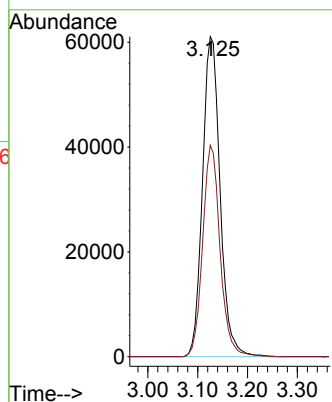
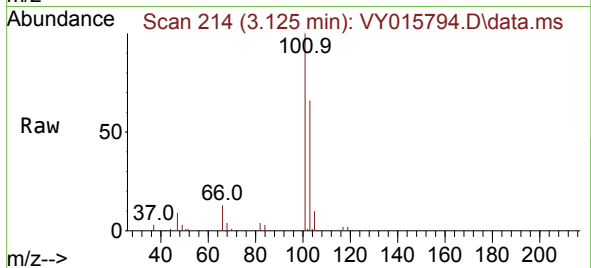




#7
Trichlorofluoromethane
Concen: 52.507 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY015794.D
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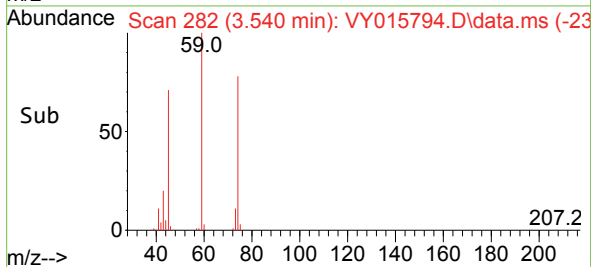
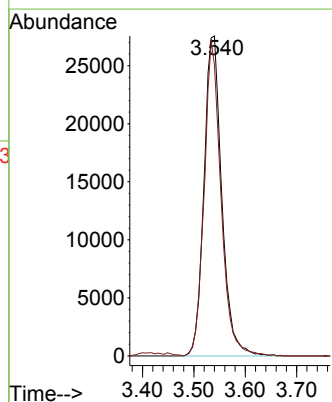
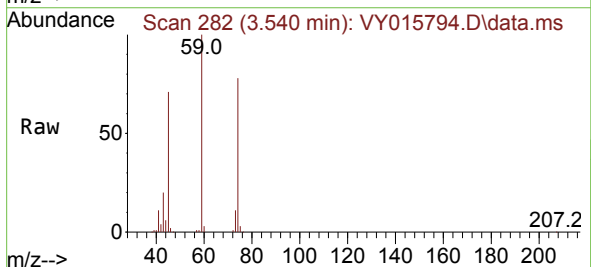
Instrument :
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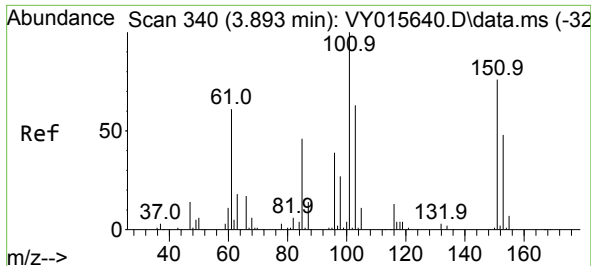
Tgt Ion:101 Resp: 149612
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.0



#8
Diethyl Ether
Concen: 54.486 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.019 min
Lab File: VY015794.D
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Tgt Ion: 74 Resp: 66207
Ion Ratio Lower Upper
74 100
45 93.5 51.5 154.5

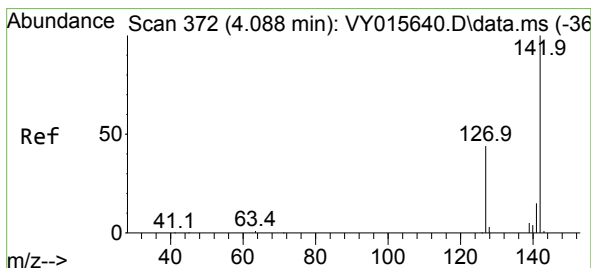
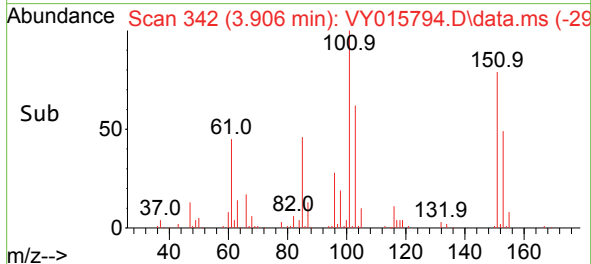
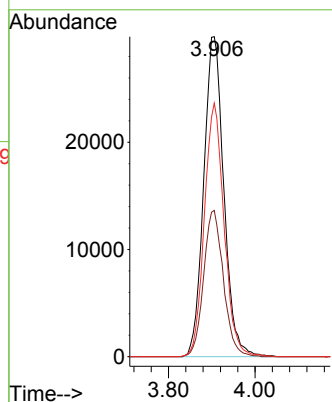
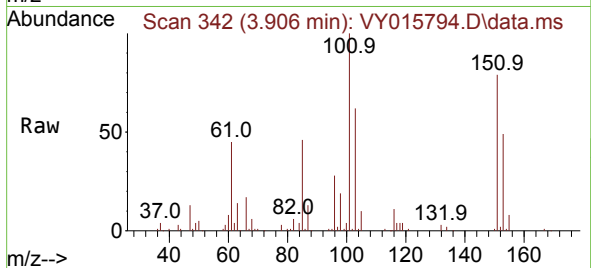




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.042 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

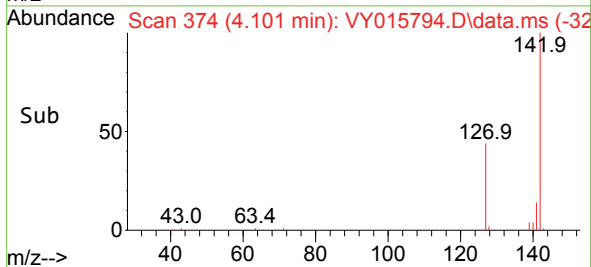
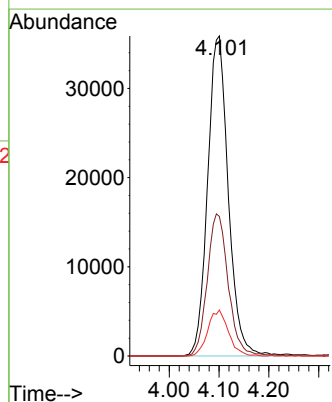
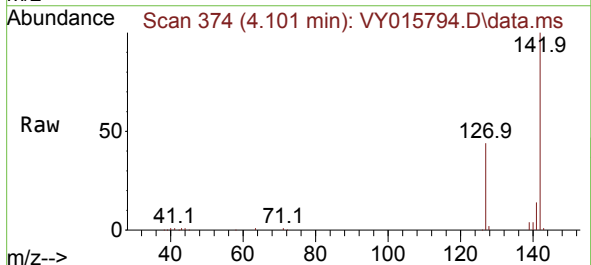
Instrument :
MSVOA_Y
ClientSampleId :

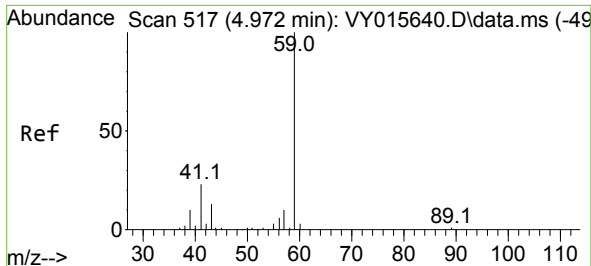
Tgt Ion:101 Resp: 96414
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 77.5 67.0 100.6



#10
Methyl Iodide
Concen: 49.263 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion:142 Resp: 103261
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.3 11.8 17.8

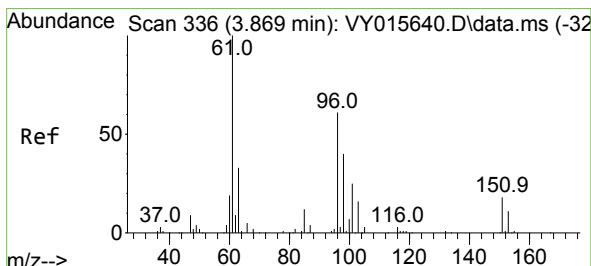
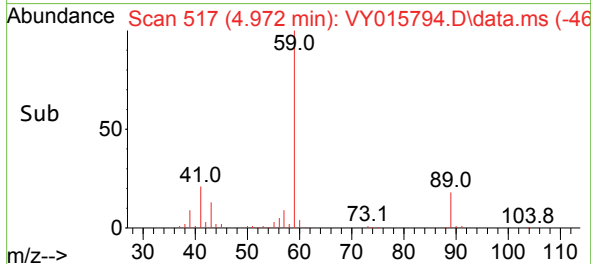
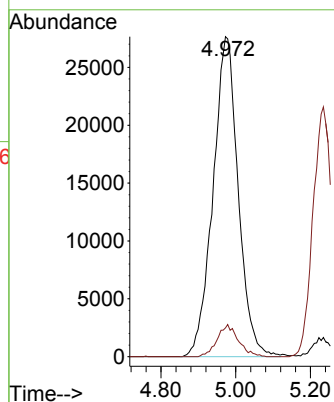
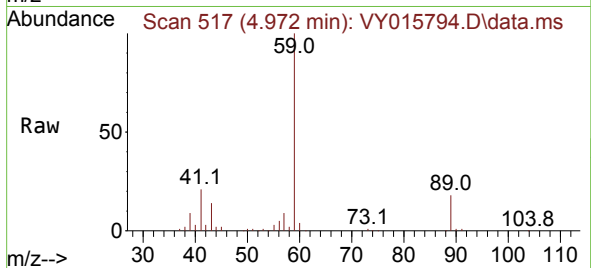




#11
Tert butyl alcohol
Concen: 319.510 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

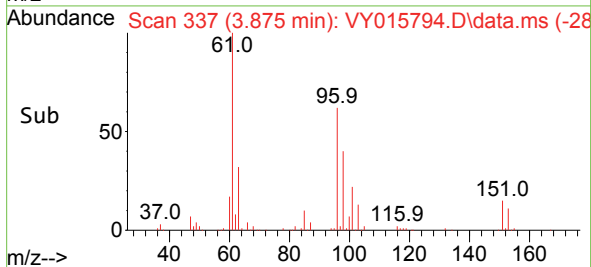
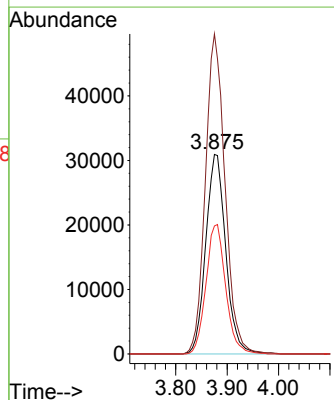
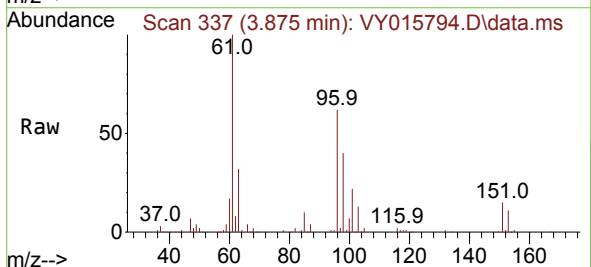
Instrument :
MSVOA_Y
ClientSampleId :

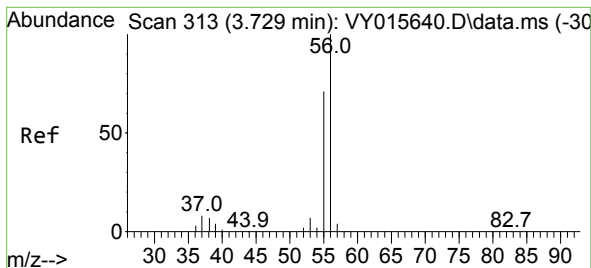
Tgt Ion: 59 Resp: 129311
Ion Ratio Lower Upper
59 100
57 8.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 53.236 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 96 Resp: 83692
Ion Ratio Lower Upper
96 100
61 160.4 136.4 204.6
98 64.1 49.4 74.2





#13

Acrolein

Concen: 185.434 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

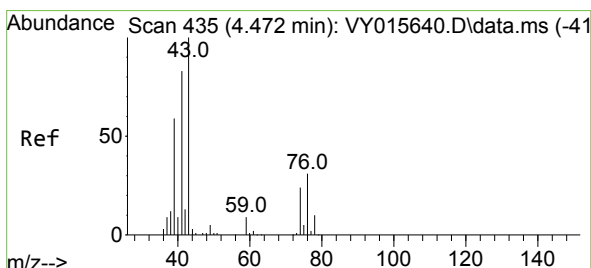
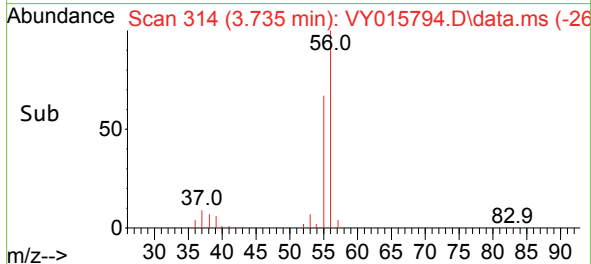
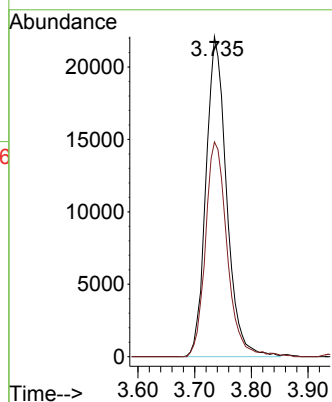
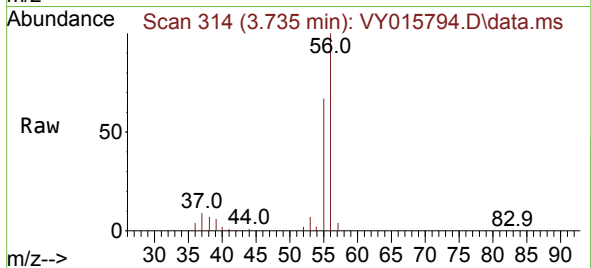
ClientSampleId :

Tgt Ion: 56 Resp: 55836

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 53.260 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

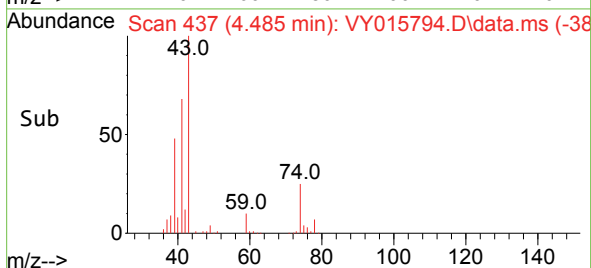
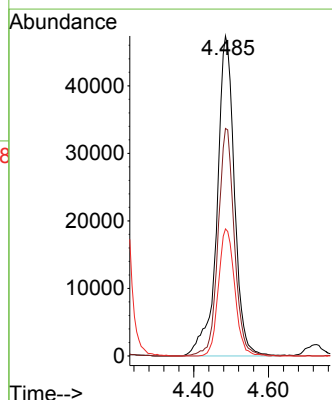
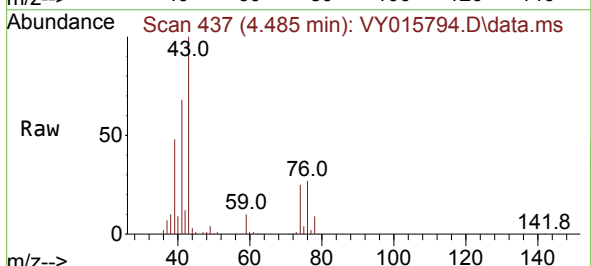
Tgt Ion: 41 Resp: 153088

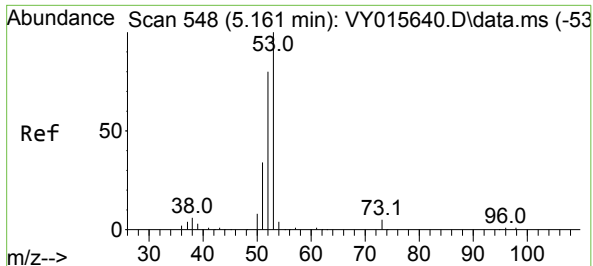
Ion Ratio Lower Upper

41 100

39 66.4 58.0 87.0

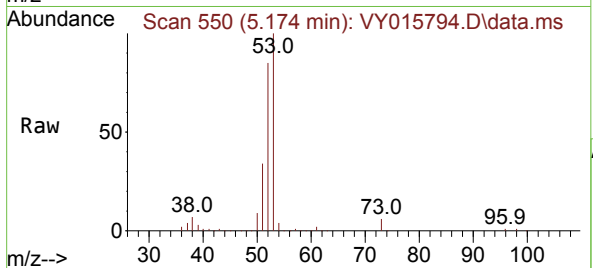
76 37.3 27.4 41.2



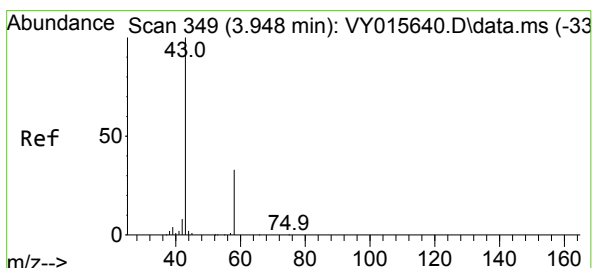
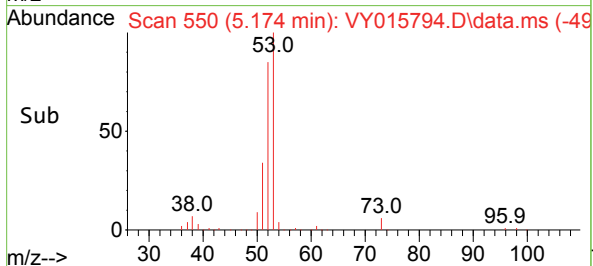
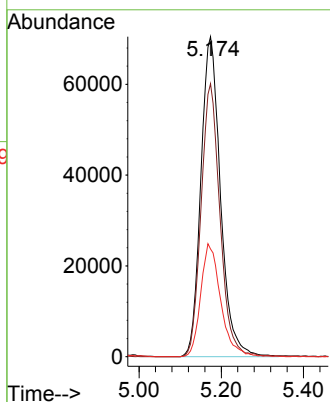


#15
Acrylonitrile
Concen: 261.954 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :

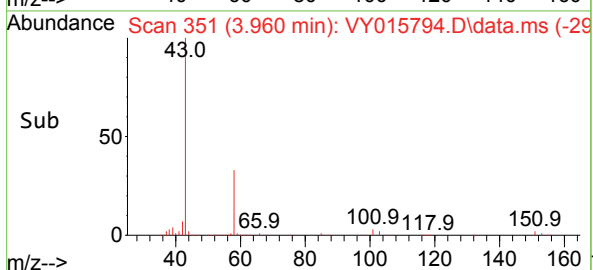
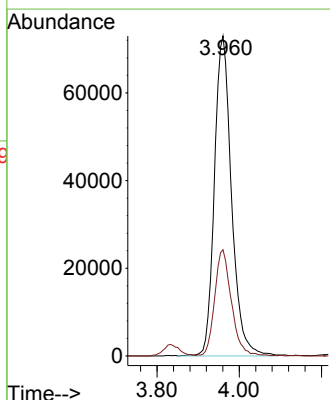
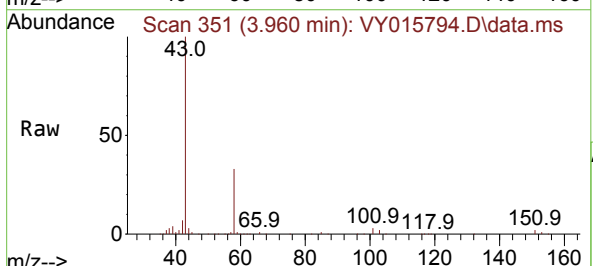


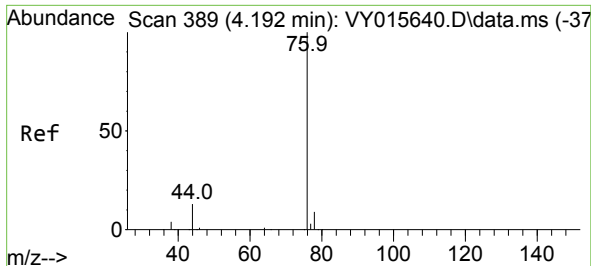
Tgt Ion: 53 Resp: 233502
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 200.569 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 43 Resp: 211036
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





#17

Carbon Disulfide

Concen: 49.239 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.012 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

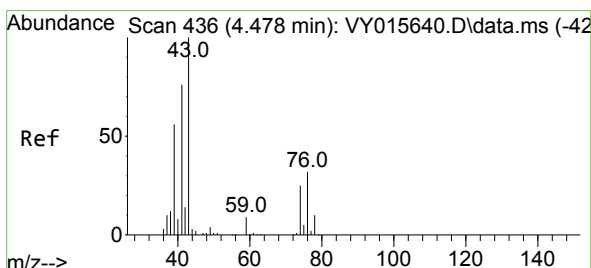
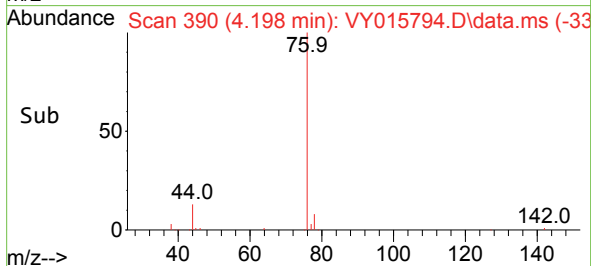
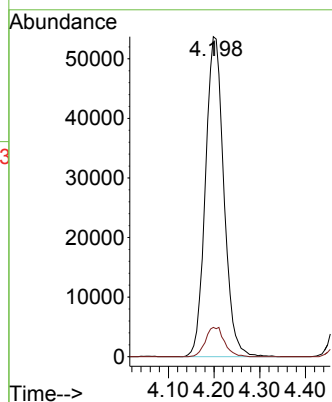
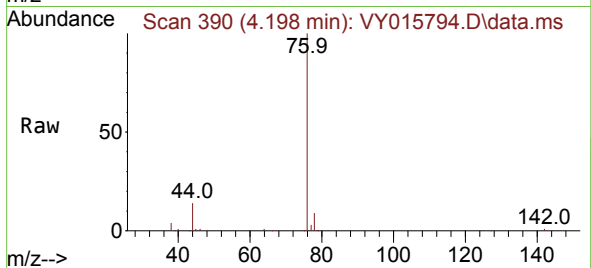
ClientSampleId :

Tgt Ion: 76 Resp: 150377

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 60.263 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015794.D

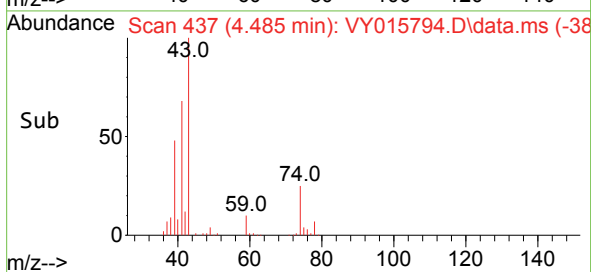
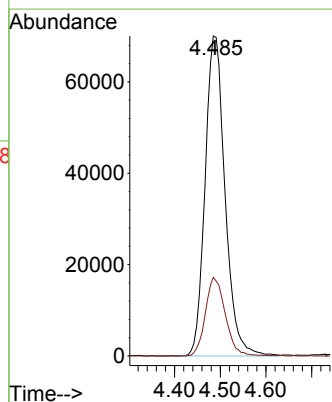
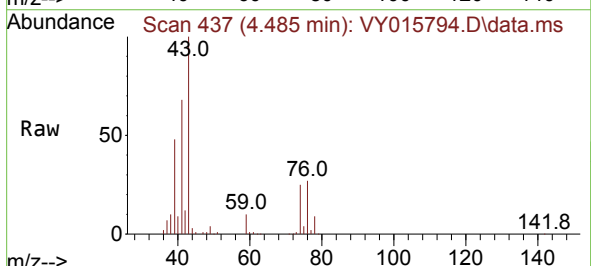
Acq: 02 Oct 2023 22:31

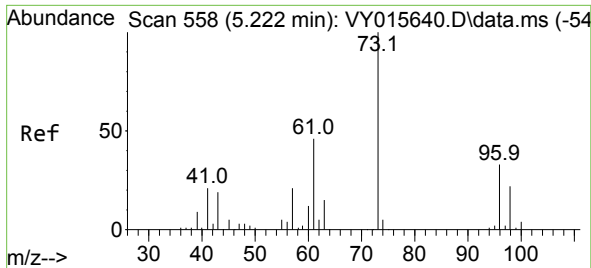
Tgt Ion: 43 Resp: 212746

Ion Ratio Lower Upper

43 100

74 24.5 17.4 26.0

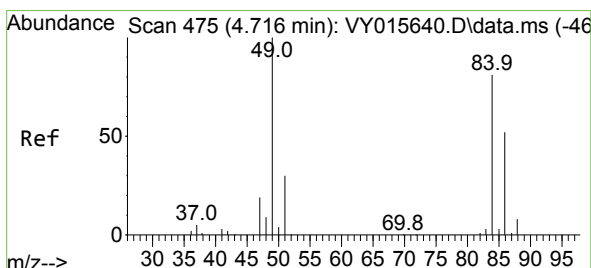
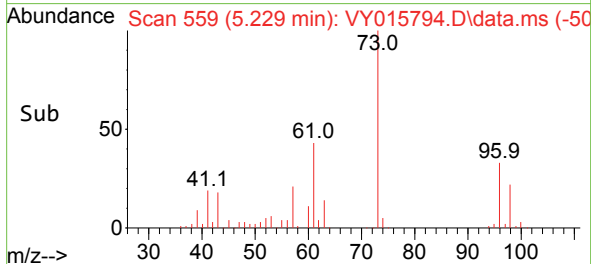
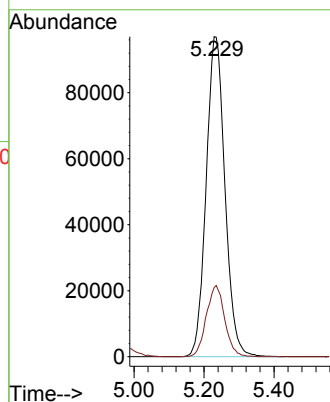
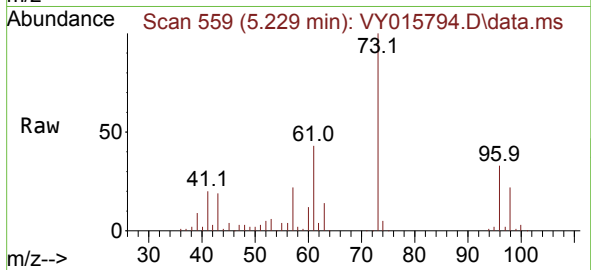




#19
Methyl tert-butyl Ether
Concen: 56.358 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

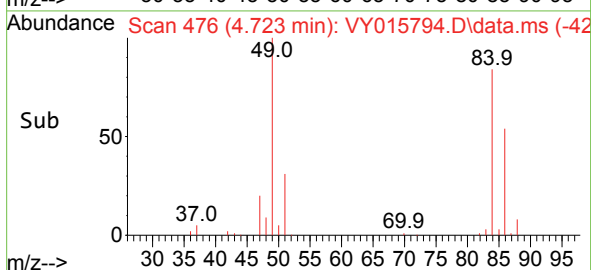
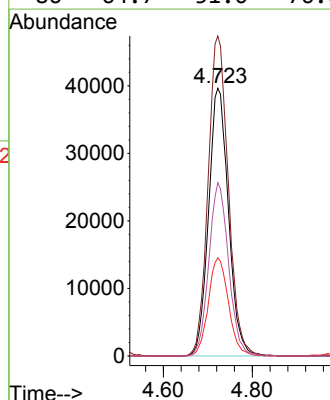
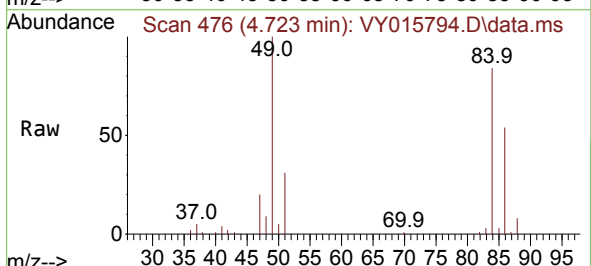
Instrument :
MSVOA_Y
ClientSampleId :

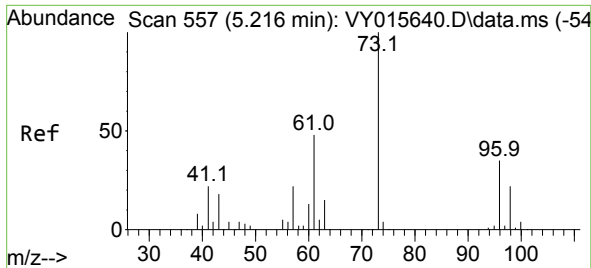
Tgt Ion: 73 Resp: 360853
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 53.839 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 84 Resp: 123205
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 36.6 33.2 49.8
86 64.7 51.0 76.6

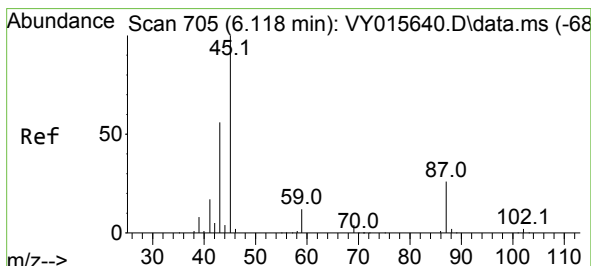
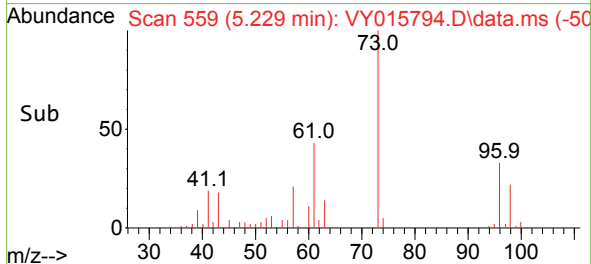
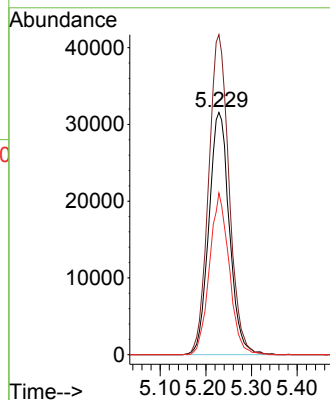
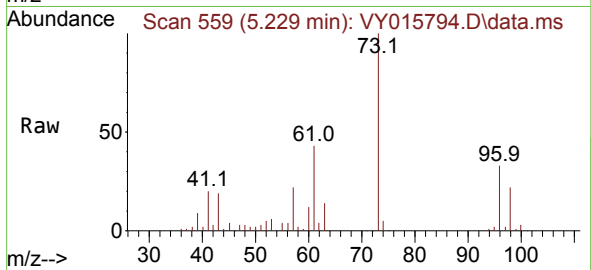




#21
trans-1,2-Dichloroethene
Concen: 54.668 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

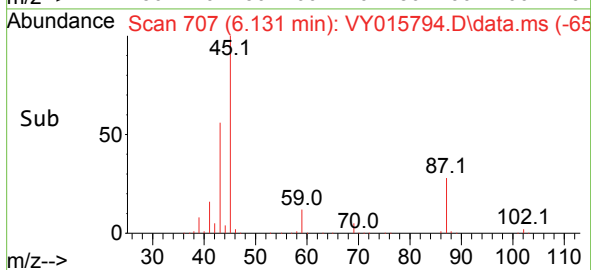
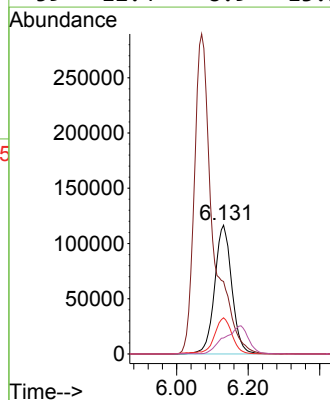
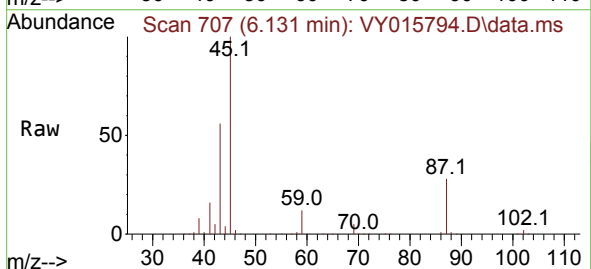
Instrument :
MSVOA_Y
ClientSampleId :

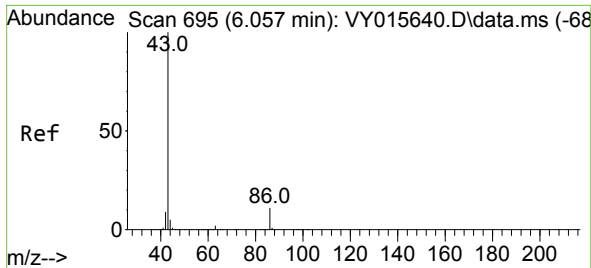
Tgt Ion: 96 Resp: 98234
Ion Ratio Lower Upper
96 100
61 132.1 110.2 165.4
98 66.7 51.8 77.6



#22
Diisopropyl ether
Concen: 56.064 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 45 Resp: 387820
Ion Ratio Lower Upper
45 100
43 56.1 52.2 78.4
87 28.1 21.0 31.6
59 12.4 8.9 13.3

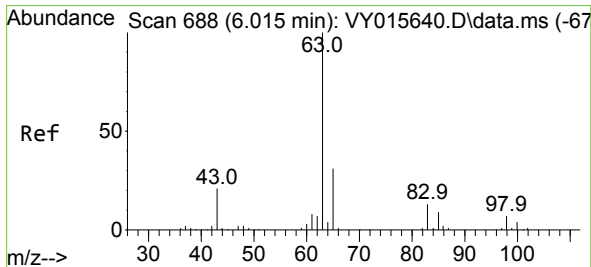
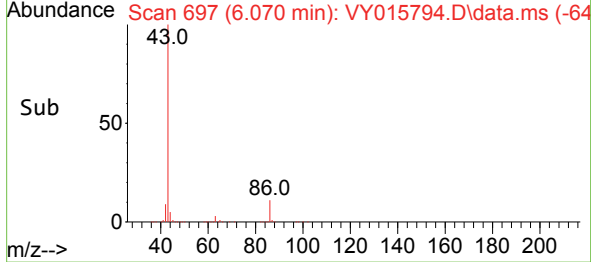
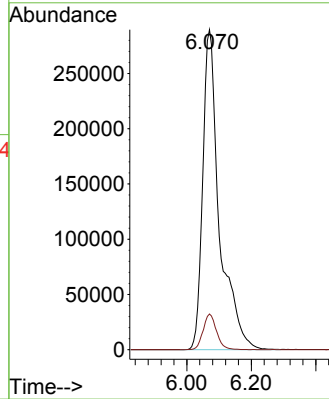
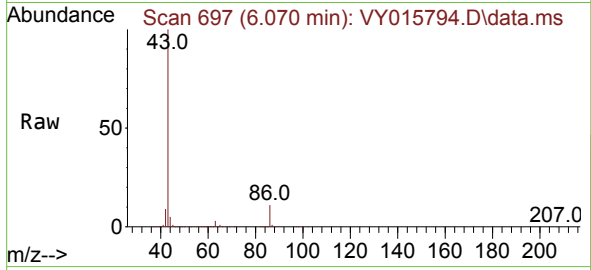




#23
 Vinyl Acetate
 Concen: 243.287 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.019 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

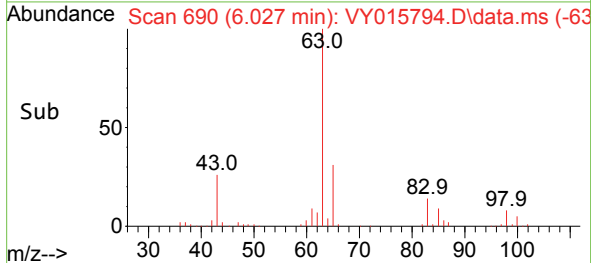
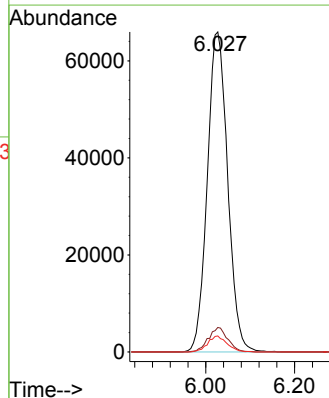
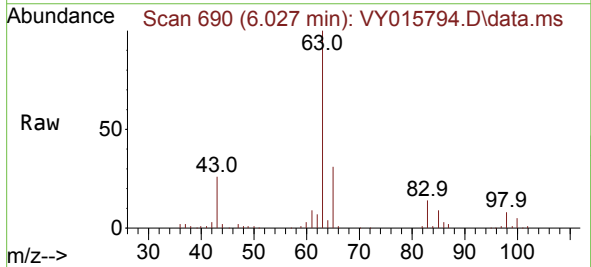
Instrument :
 MSVOA_Y
 ClientSampleId :

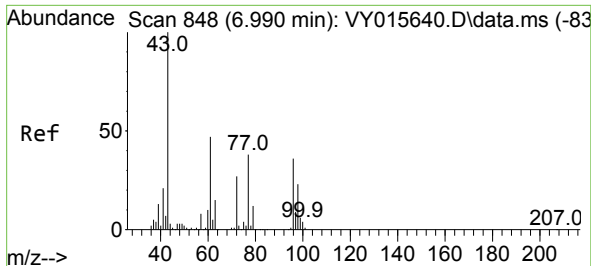
Tgt Ion: 43 Resp: 1038748
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 55.718 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

Tgt Ion: 63 Resp: 210080
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.0 1.8 5.5

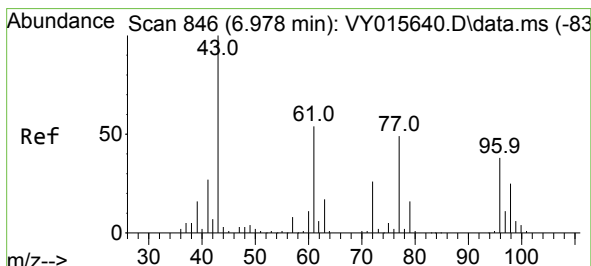
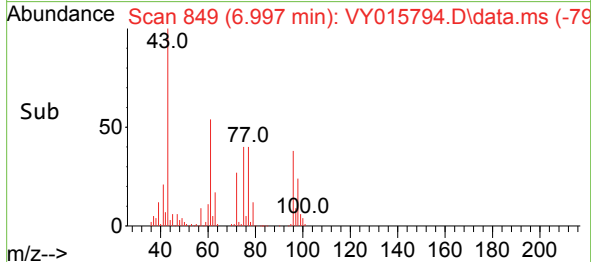
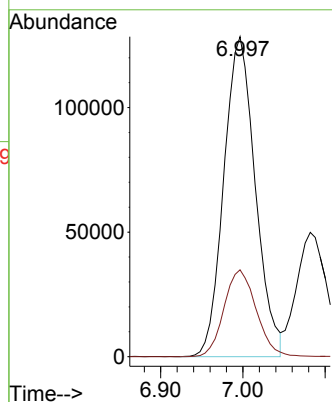
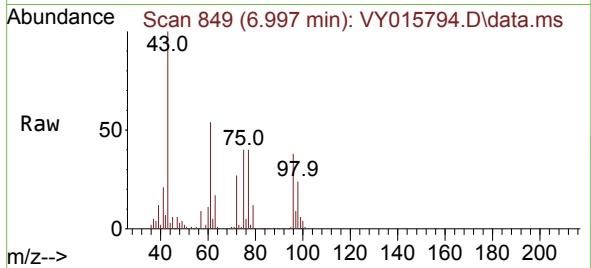




#25
2-Butanone
Concen: 230.124 ug/l
RT: 6.997 min Scan# 848
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

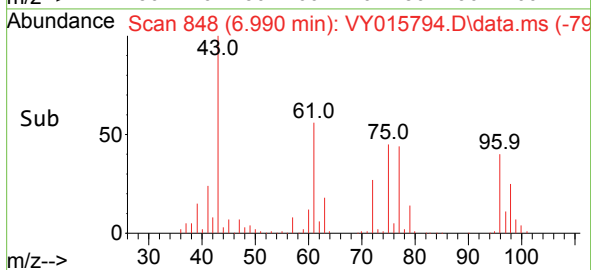
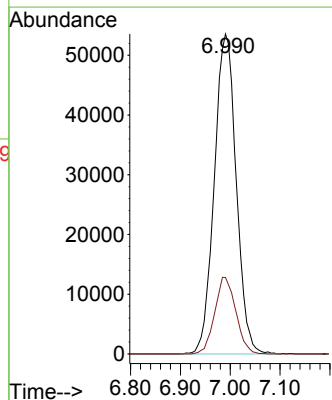
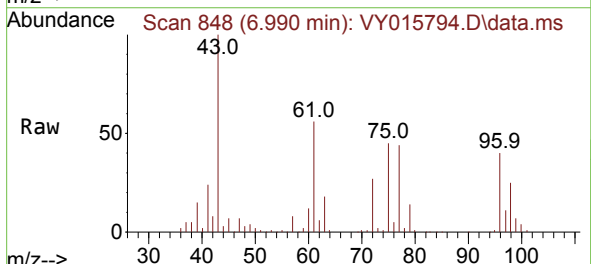
Instrument :
MSVOA_Y
ClientSampleId :

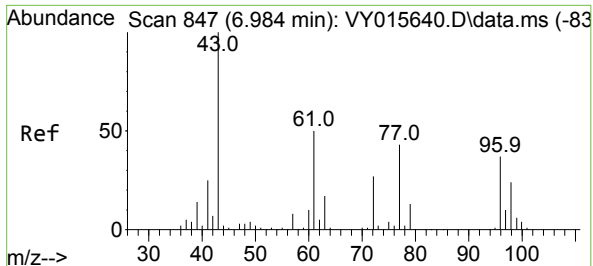
Tgt Ion: 43 Resp: 342247
Ion Ratio Lower Upper
43 100
72 27.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.451 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 77 Resp: 163523
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.801 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.019 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

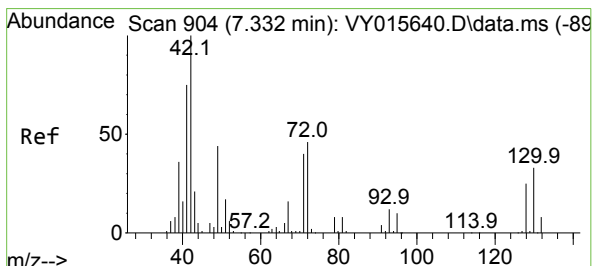
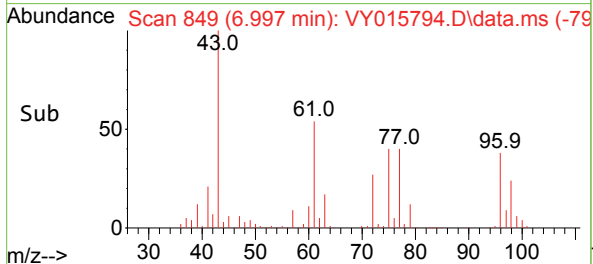
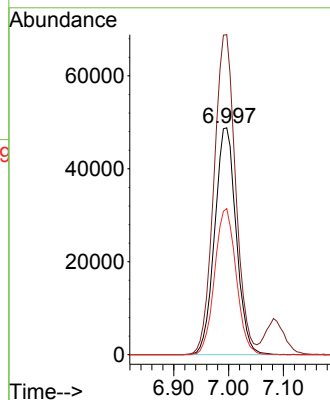
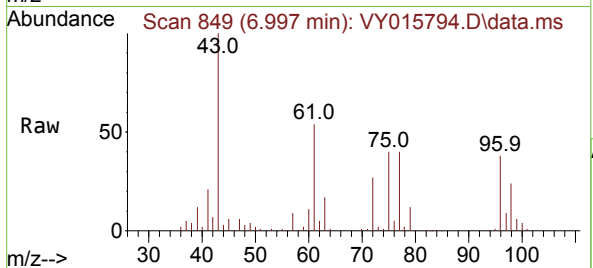
Tgt Ion: 96 Resp: 133114

Ion Ratio Lower Upper

96 100

61 142.3 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 45.584 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

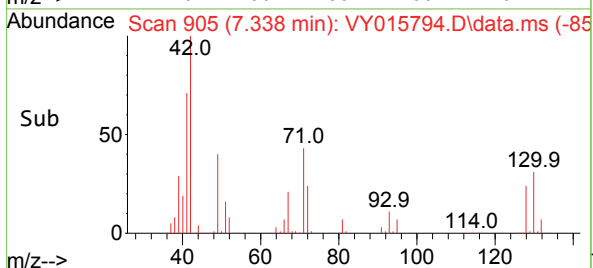
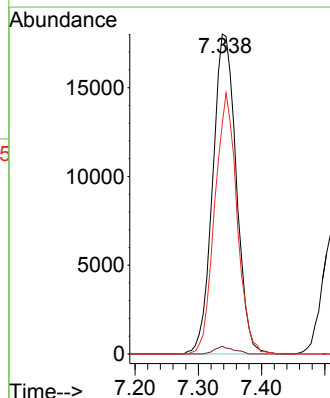
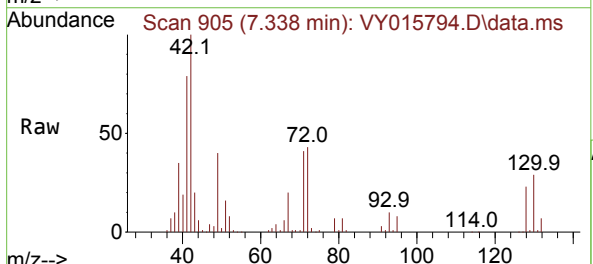
Tgt Ion: 49 Resp: 46630

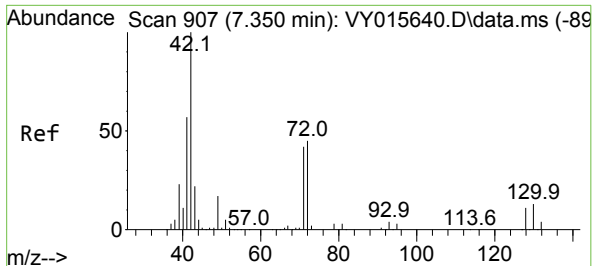
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 77.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 259.940 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

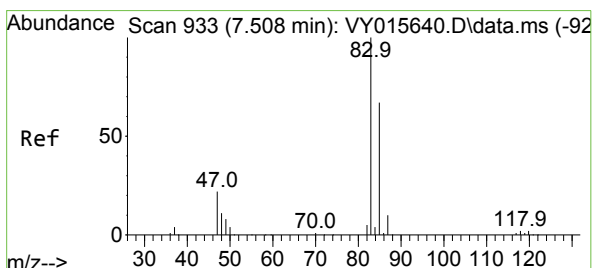
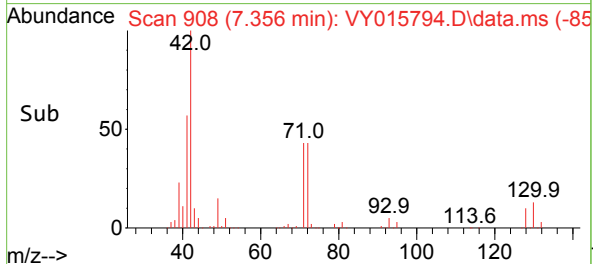
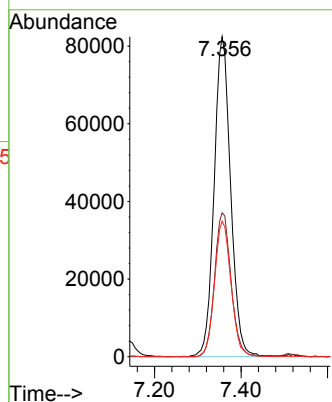
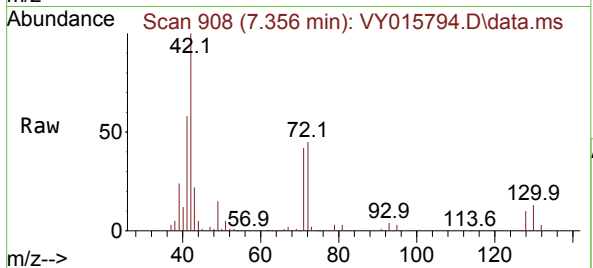
Tgt Ion: 42 Resp: 218505

Ion Ratio Lower Upper

42 100

72 44.9 32.8 49.2

71 42.3 31.0 46.4



#30

Chloroform

Concen: 56.345 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.019 min

Lab File: VY015794.D

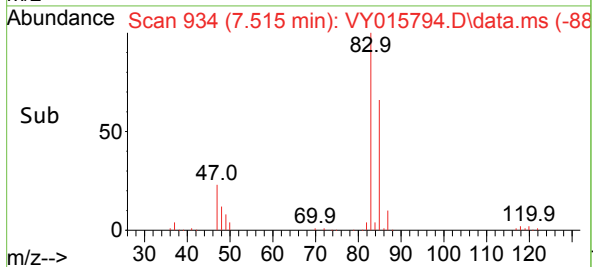
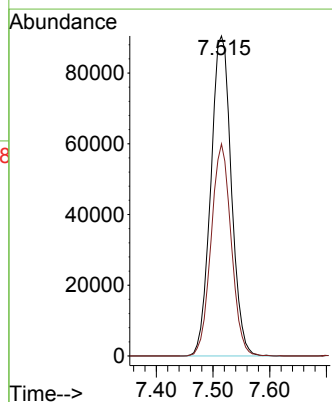
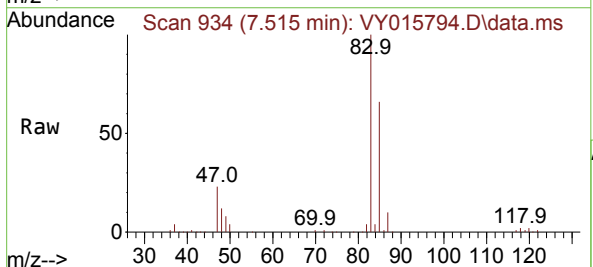
Acq: 02 Oct 2023 22:31

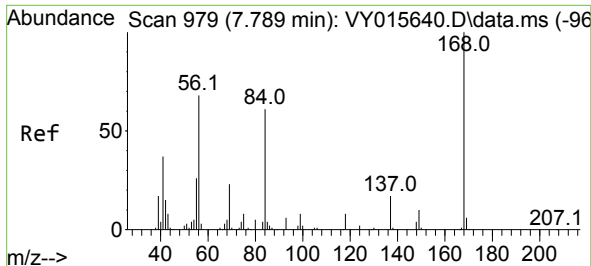
Tgt Ion: 83 Resp: 227509

Ion Ratio Lower Upper

83 100

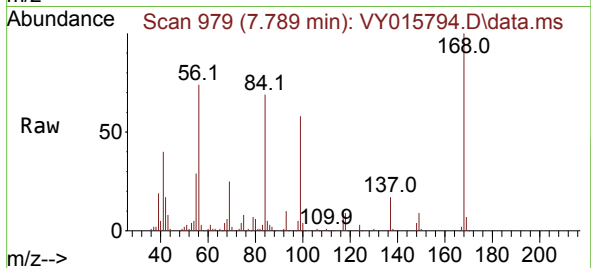
85 66.3 49.7 74.5



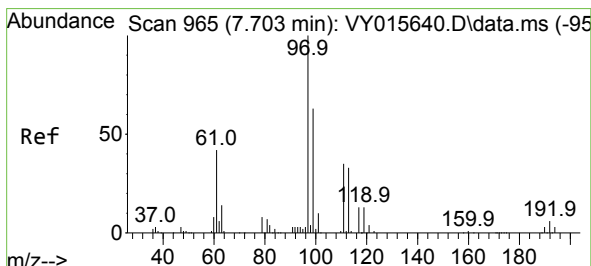
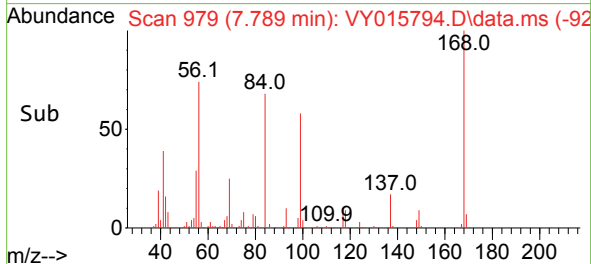
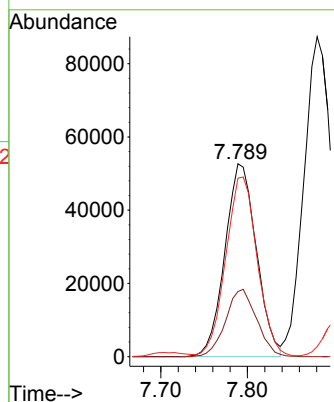


#31
Cyclohexane
Concen: 48.903 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :

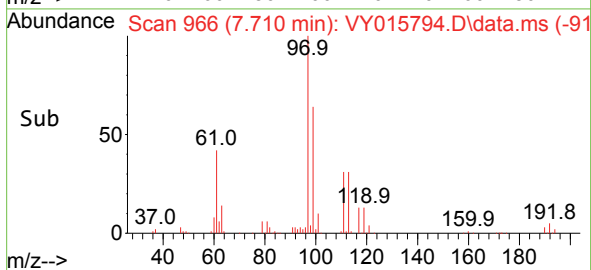
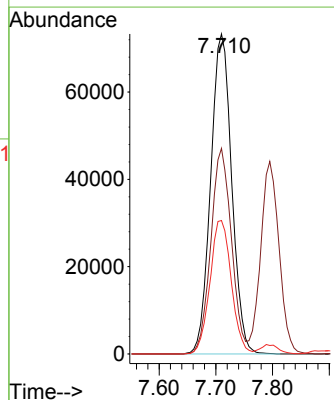
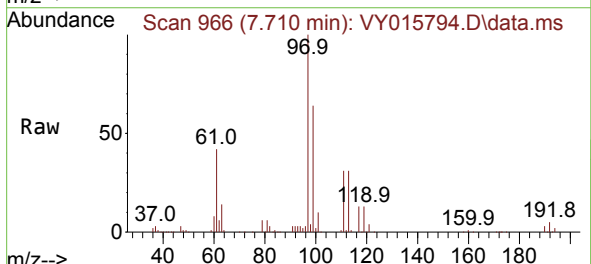


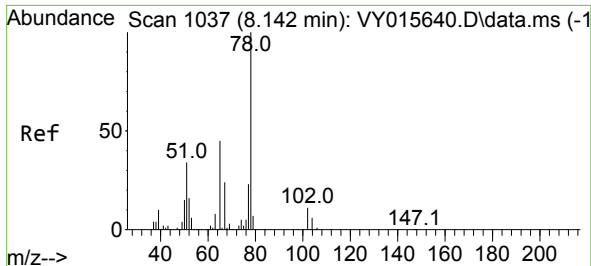
Tgt Ion: 56 Resp: 133195
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 91.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 56.643 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 97 Resp: 188807
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 42.4 35.1 52.7

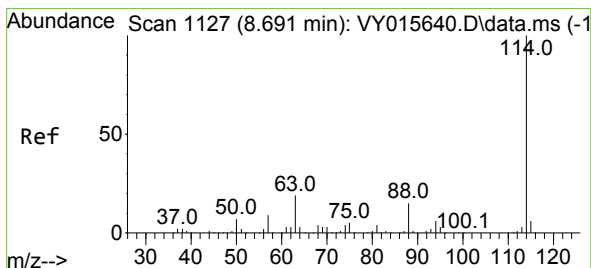
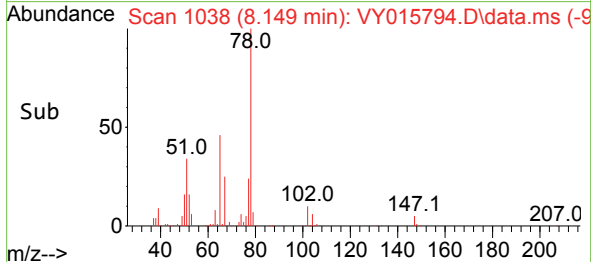
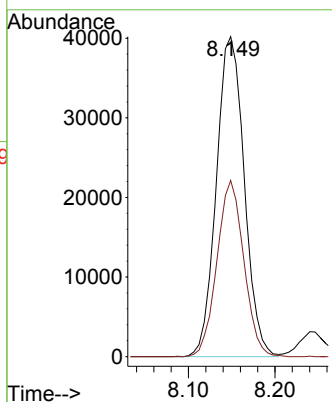
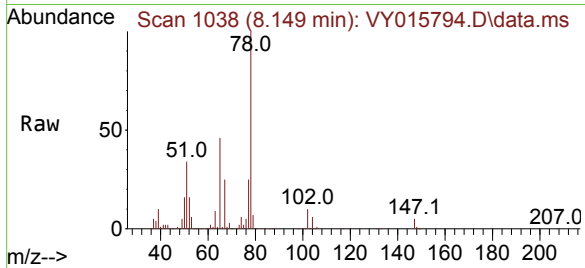




#33
 1,2-Dichloroethane-d4
 Concen: 45.757 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.013 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

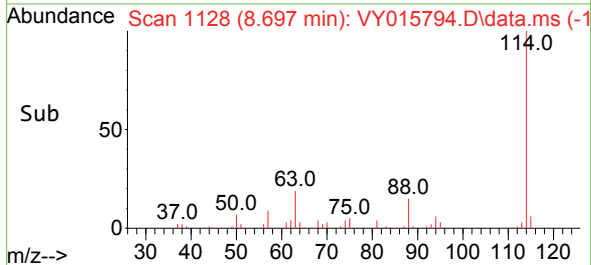
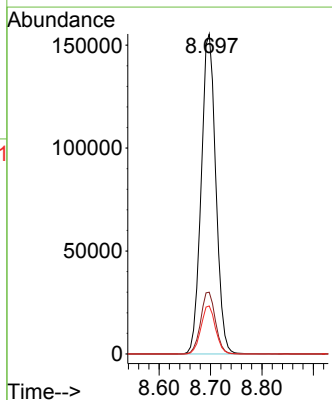
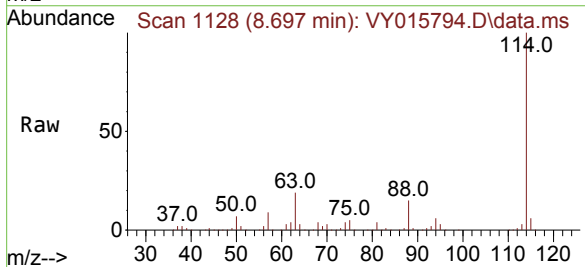
Instrument :
 MSVOA_Y
 ClientSampleId :

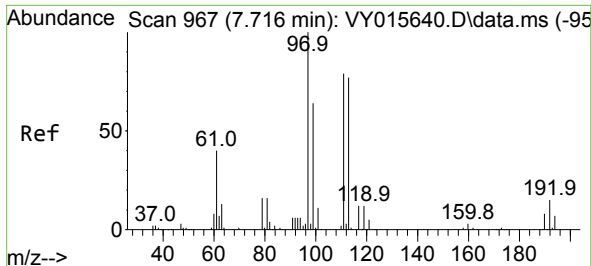
Tgt Ion: 65 Resp: 89964
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

Tgt Ion: 114 Resp: 305785
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.0 0.0 30.6

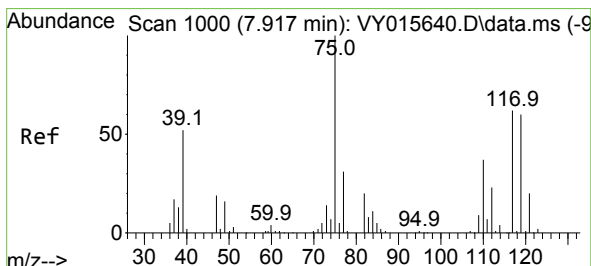
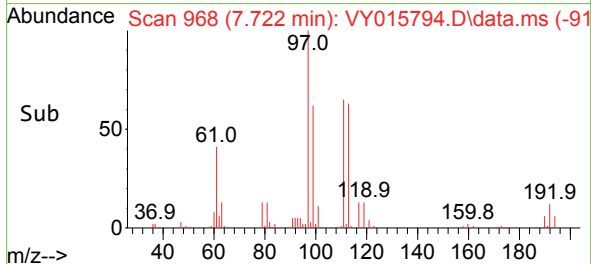
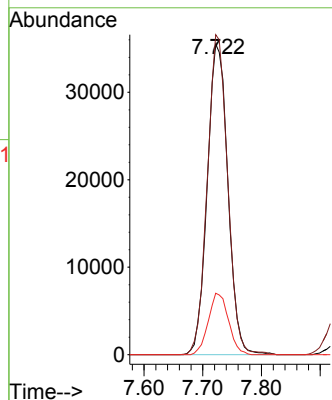
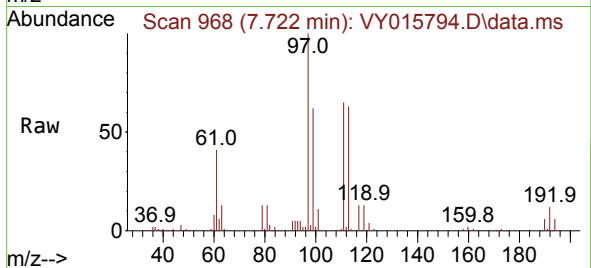




#35
Dibromofluoromethane
Concen: 47.428 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

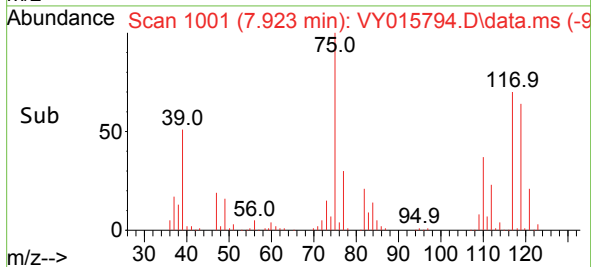
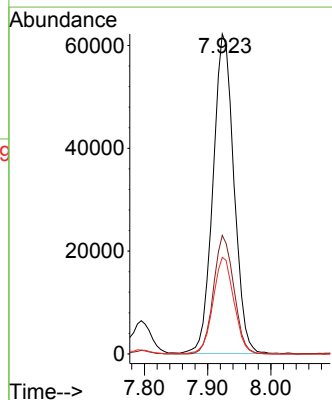
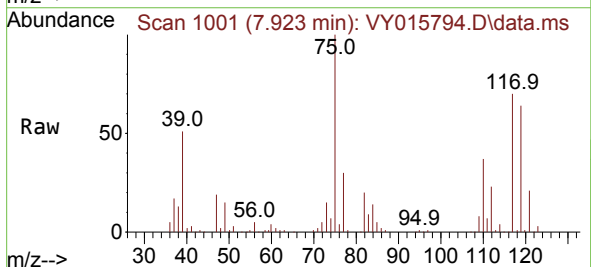
Instrument :
MSVOA_Y
ClientSampleId :

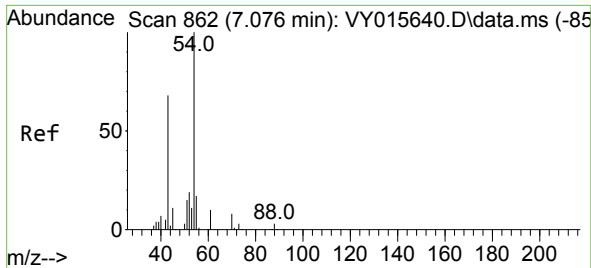
Tgt Ion:113 Resp: 86805
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.705 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 75 Resp: 142627
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.3 24.4 36.6

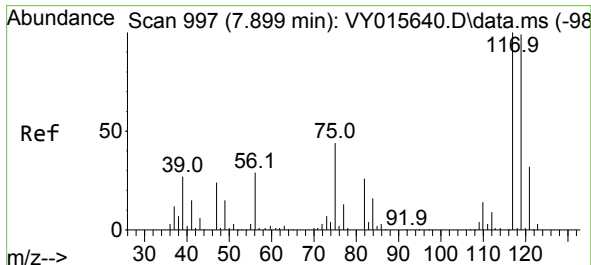
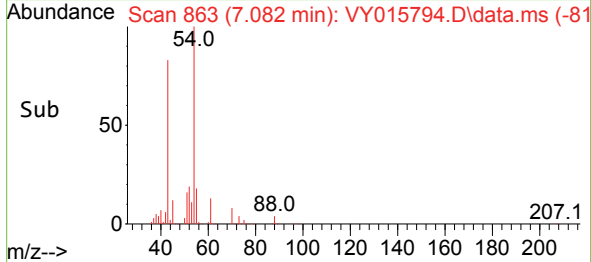
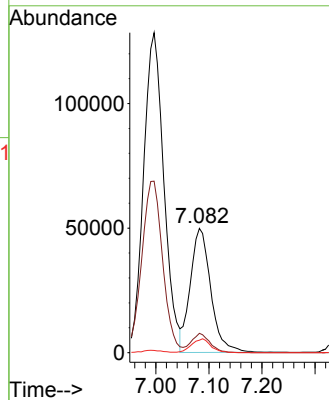
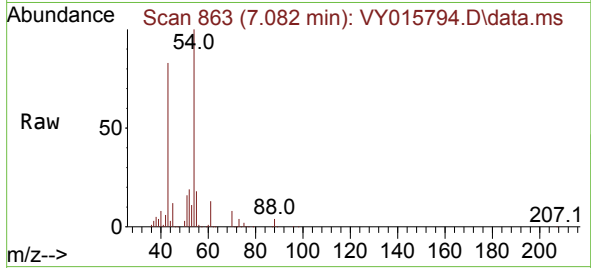




#37
Ethyl Acetate
Concen: 49.454 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

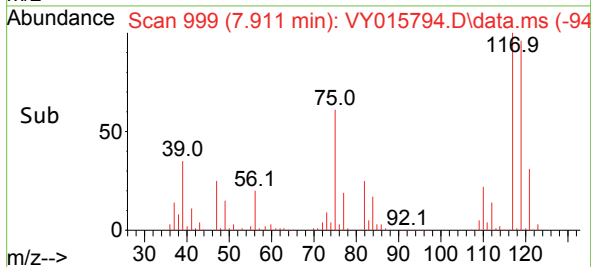
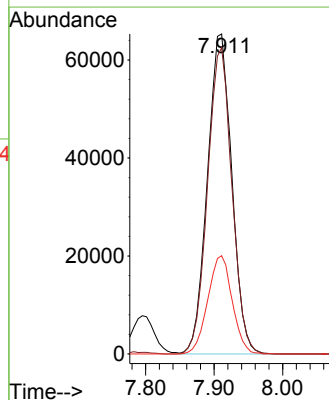
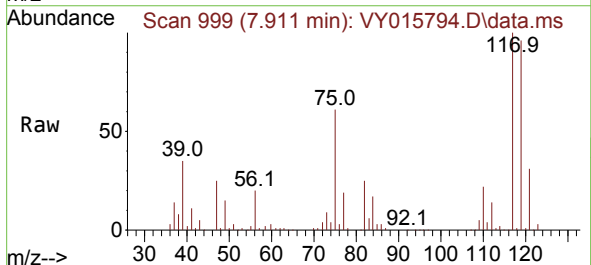
Instrument :
MSVOA_Y
ClientSampleId :

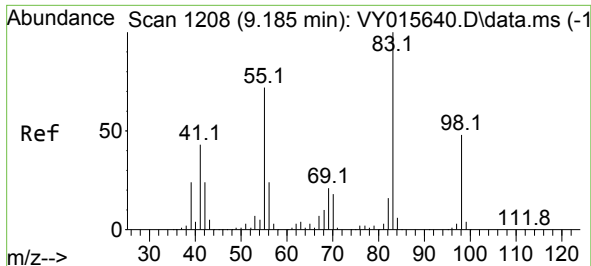
Tgt Ion: 43 Resp: 133488
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 55.090 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.018 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 117 Resp: 161822
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 51.548 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

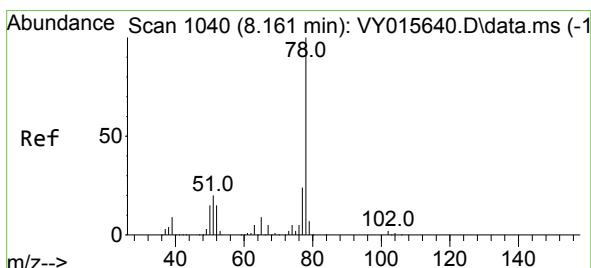
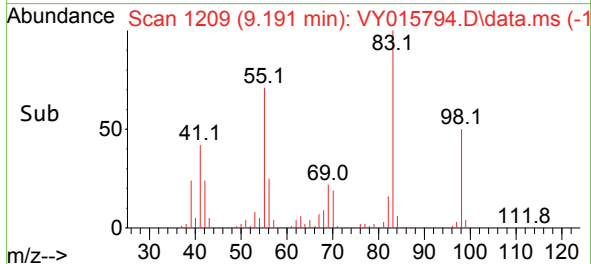
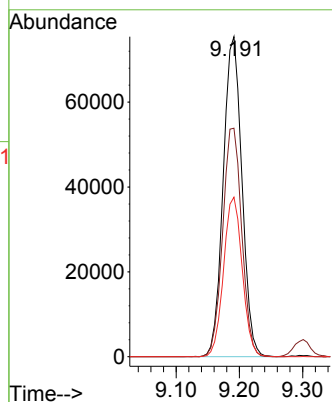
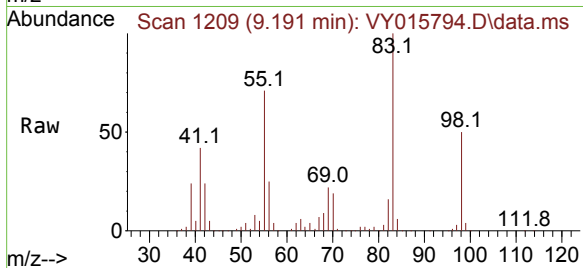
Tgt Ion: 83 Resp: 154291

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 49.9 37.4 56.2



#40

Benzene

Concen: 54.141 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015794.D

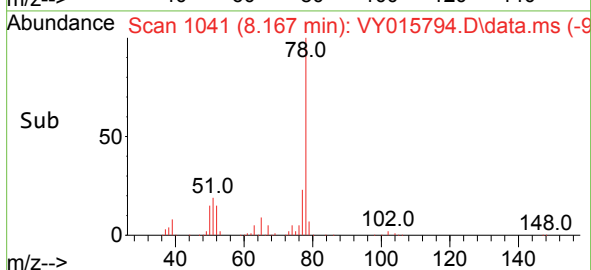
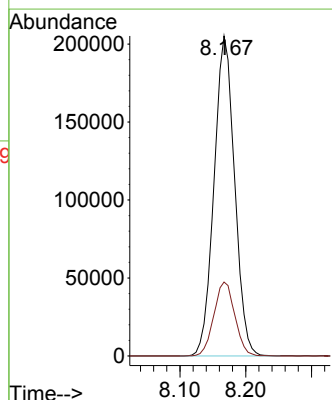
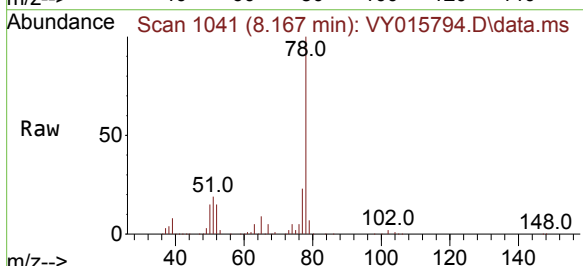
Acq: 02 Oct 2023 22:31

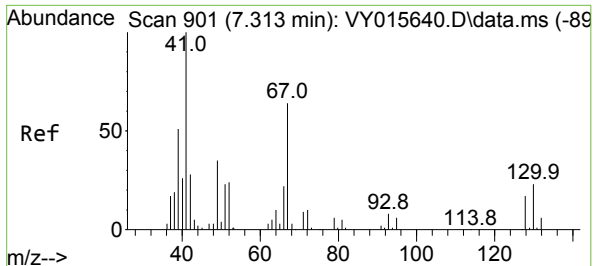
Tgt Ion: 78 Resp: 446801

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

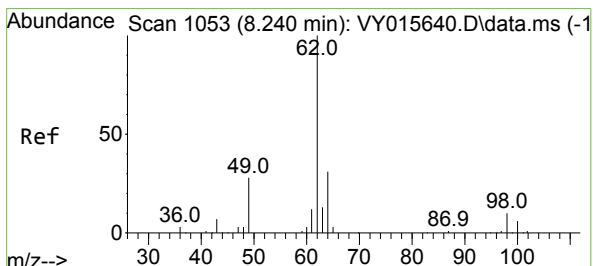
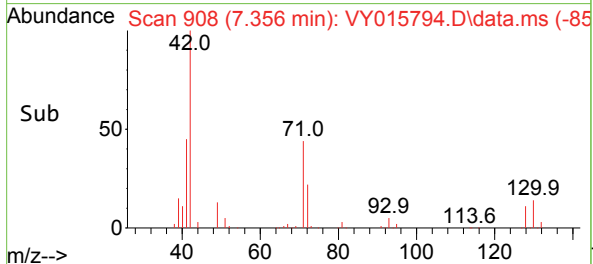
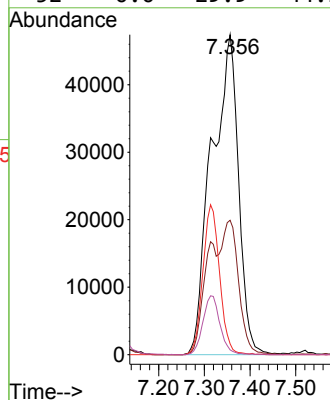
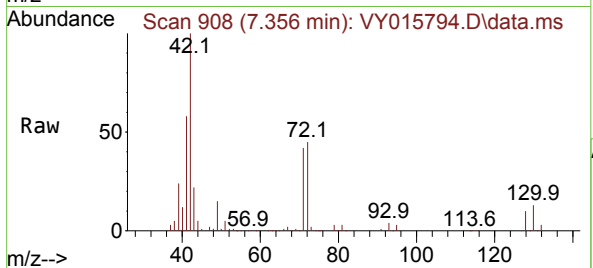




#41
Methacrylonitrile
Concen: 132.937 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

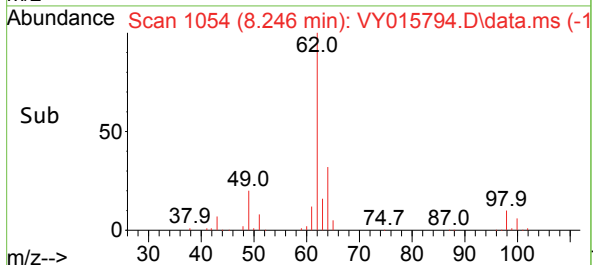
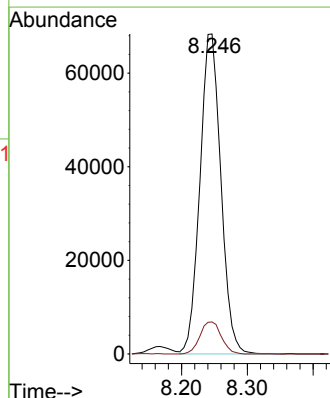
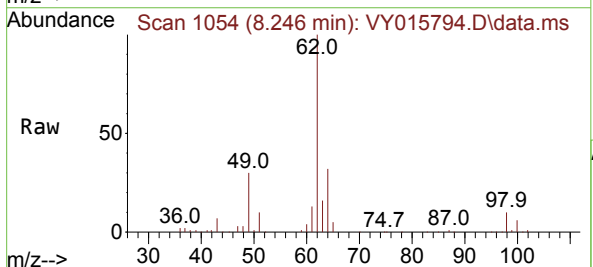
Instrument :
MSVOA_Y
ClientSampleId :

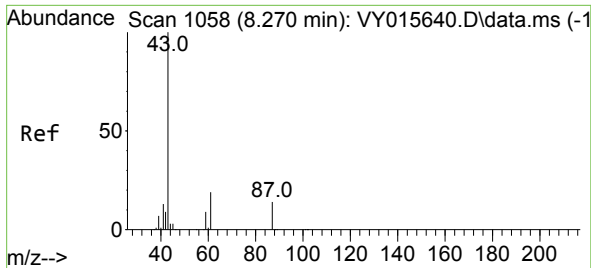
Tgt Ion: 41 Resp: 193209
Ion Ratio Lower Upper
41 100
39 26.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 53.574 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

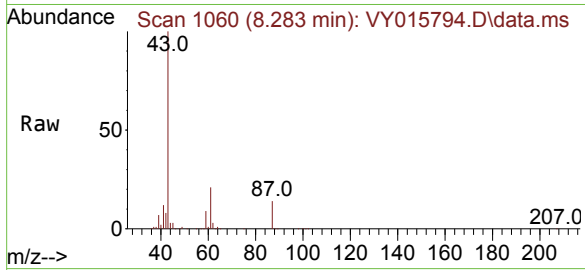
Tgt Ion: 62 Resp: 151417
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



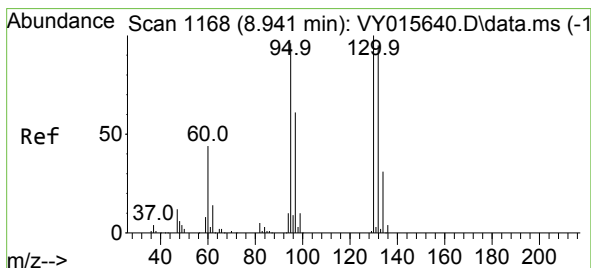
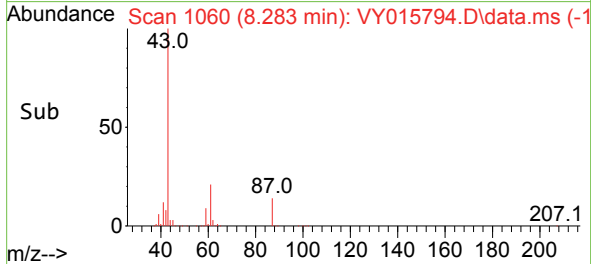
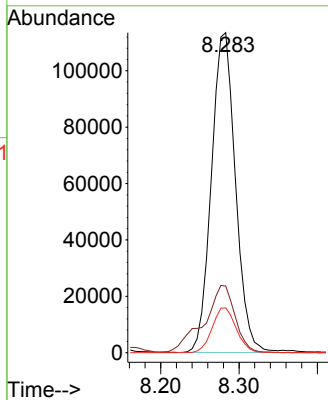


#43
Isopropyl Acetate
Concen: 52.562 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.019 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :

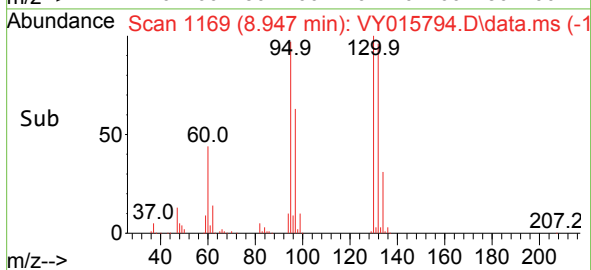
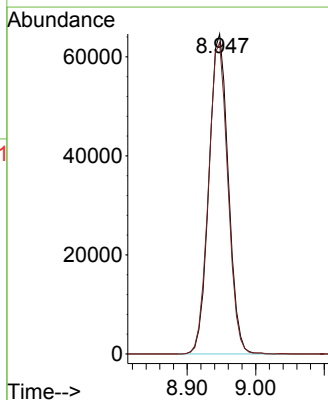
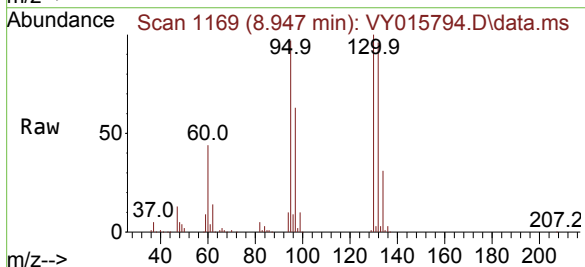


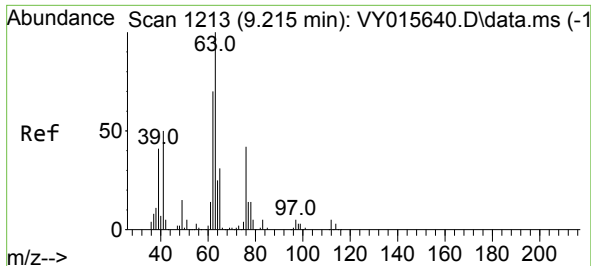
Tgt Ion: 43 Resp: 242354
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 54.848 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion:130 Resp: 126421
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.0

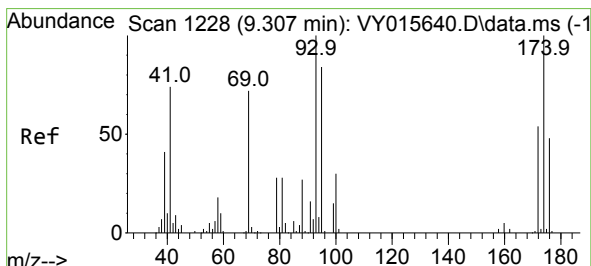
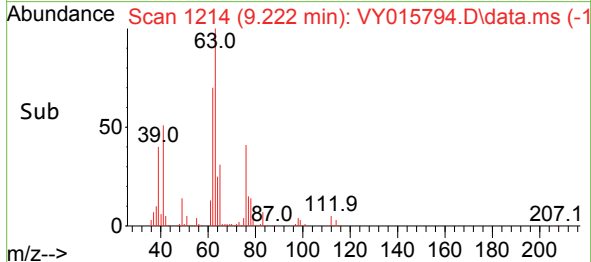
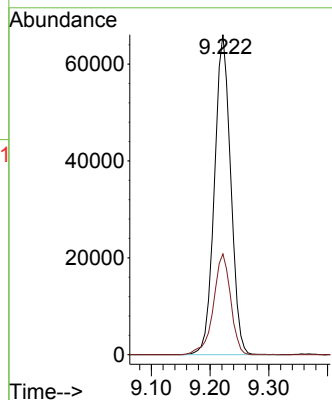
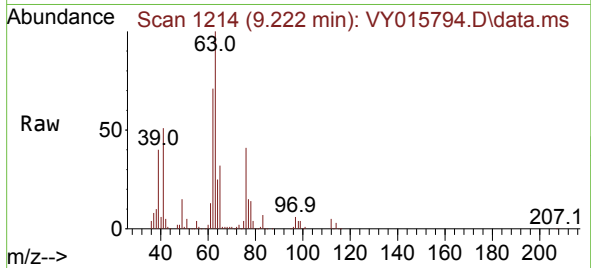




#45
1,2-Dichloropropane
Concen: 55.191 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

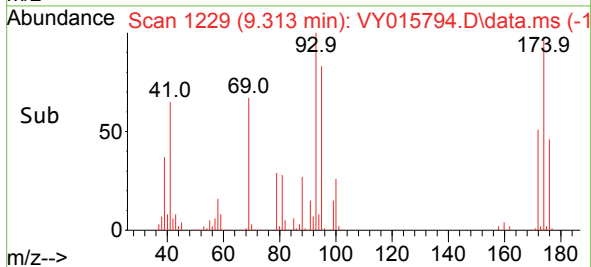
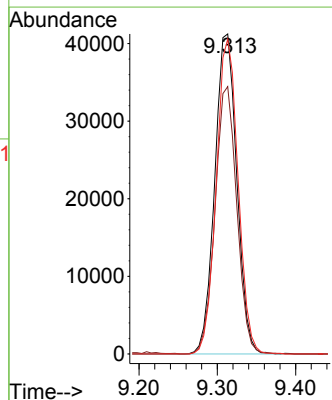
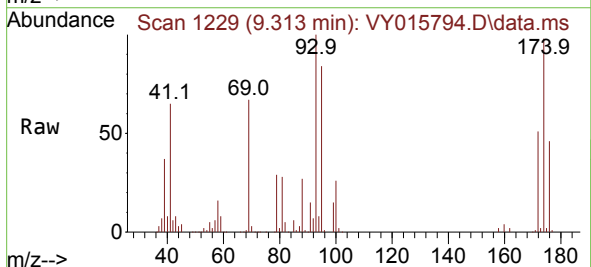
Instrument :
MSVOA_Y
ClientSampleId :

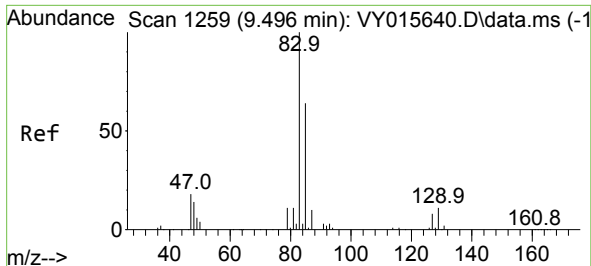
Tgt Ion: 63 Resp: 127015
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6



#46
Dibromomethane
Concen: 54.833 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 93 Resp: 80721
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 97.2 84.8 127.2

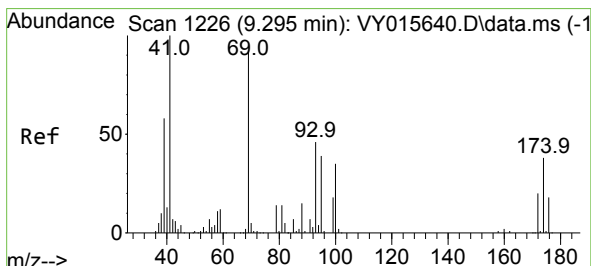
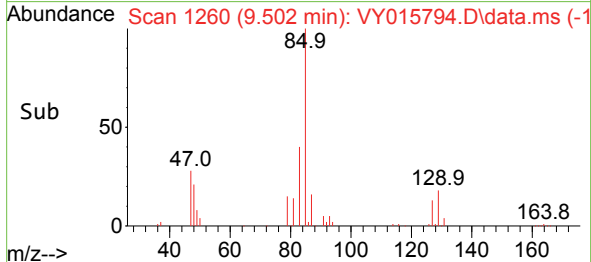
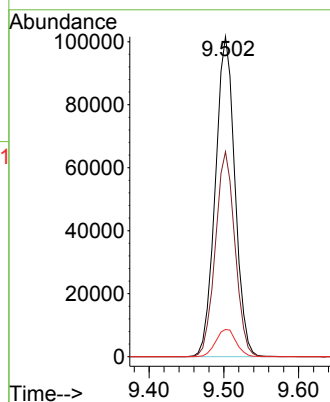
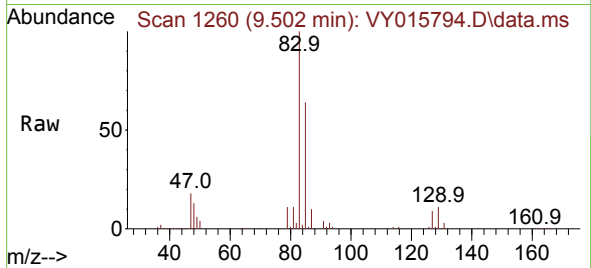




#47
Bromodichloromethane
Concen: 56.398 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

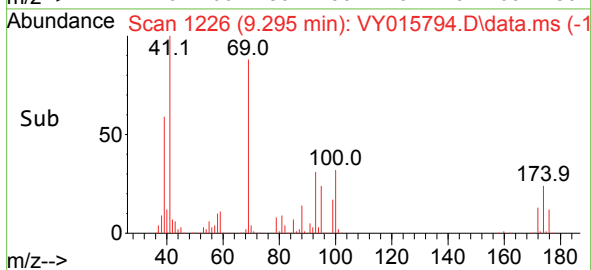
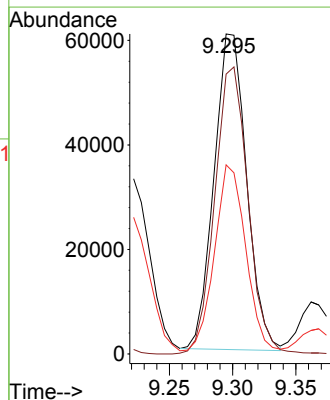
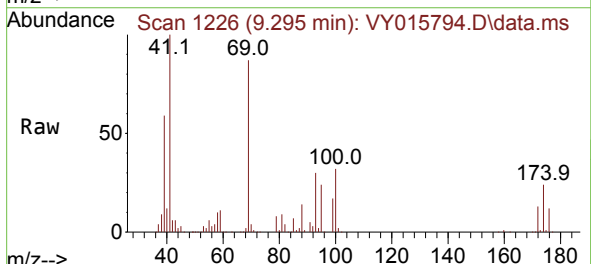
Instrument :
MSVOA_Y
ClientSampleId :

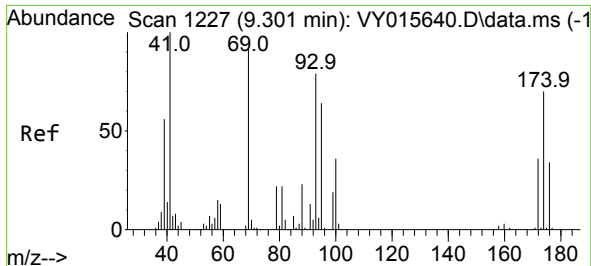
Tgt Ion: 83 Resp: 185058
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 53.458 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 41 Resp: 108192
Ion Ratio Lower Upper
41 100
69 92.9 64.5 96.7
39 58.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1015.266 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

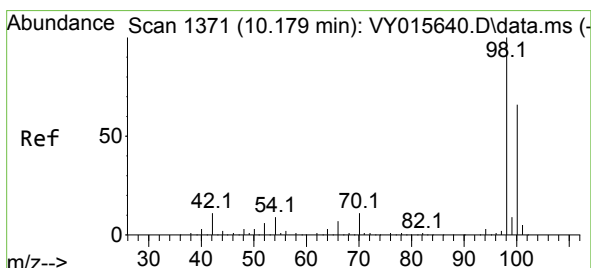
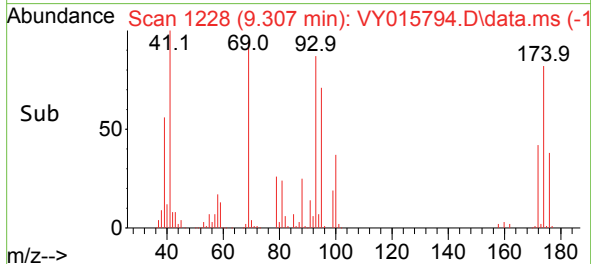
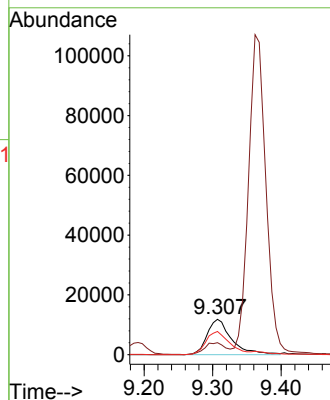
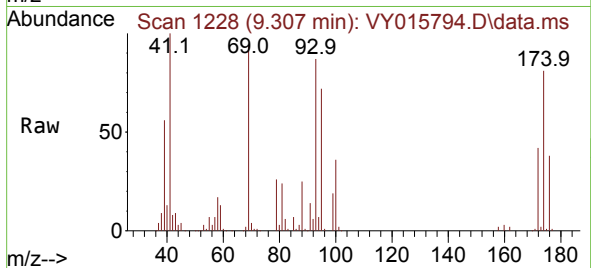
Tgt Ion: 88 Resp: 29527

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0#

58 63.8 30.9 46.3#



#50

Toluene-d8

Concen: 47.911 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015794.D

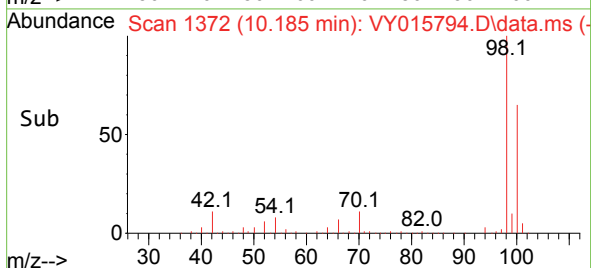
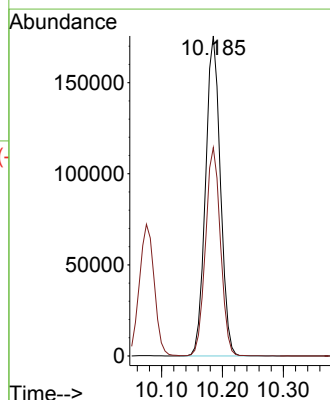
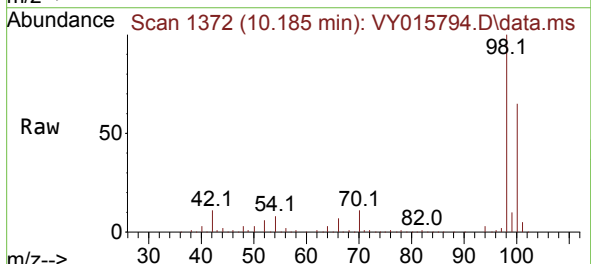
Acq: 02 Oct 2023 22:31

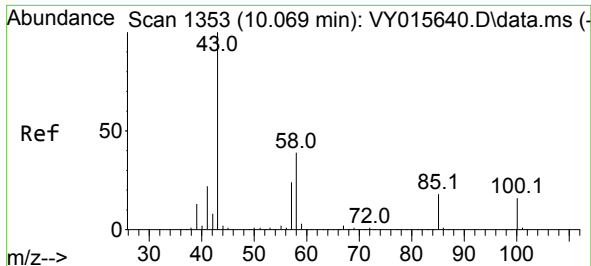
Tgt Ion: 98 Resp: 297316

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 261.177 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

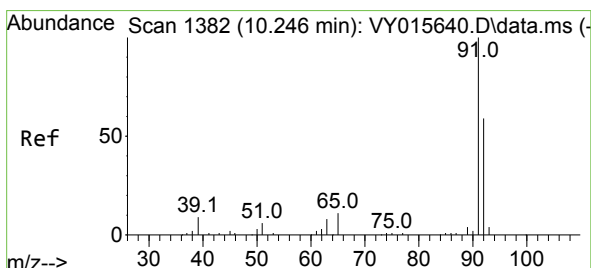
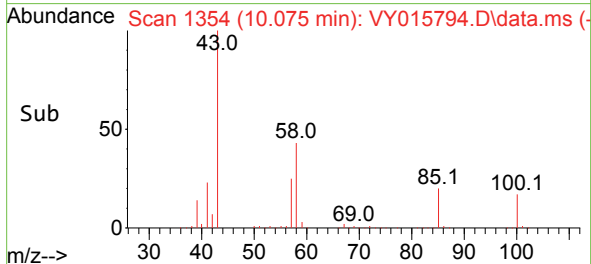
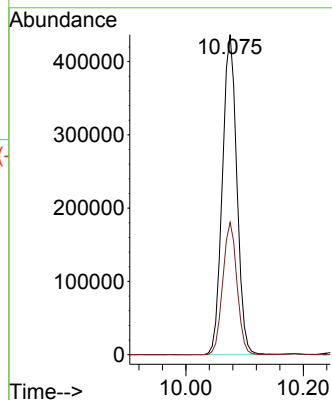
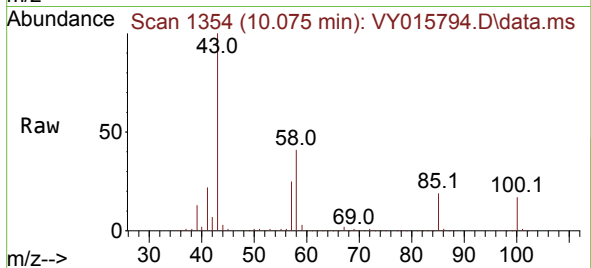
ClientSampleId :

Tgt Ion: 43 Resp: 746410

Ion Ratio Lower Upper

43 100

58 40.7 29.0 43.6



#52

Toluene

Concen: 54.804 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015794.D

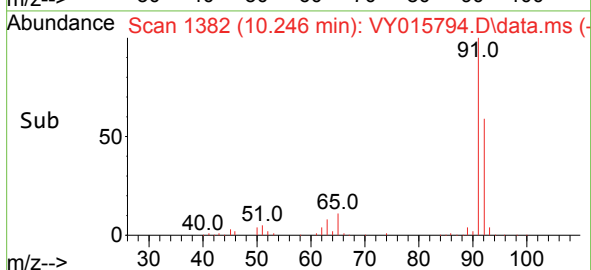
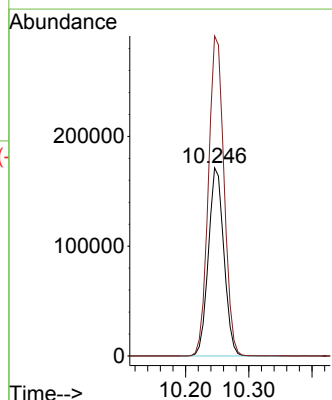
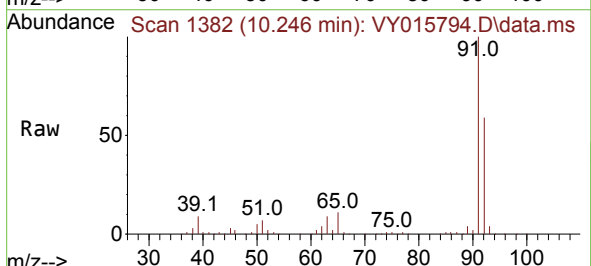
Acq: 02 Oct 2023 22:31

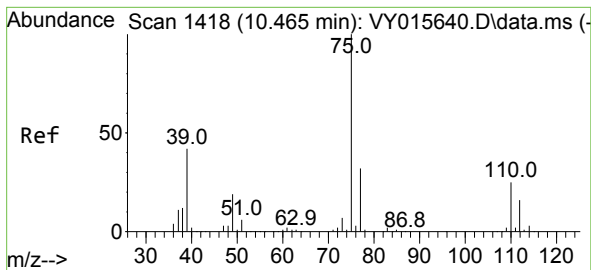
Tgt Ion: 92 Resp: 291575

Ion Ratio Lower Upper

92 100

91 171.6 143.8 215.6

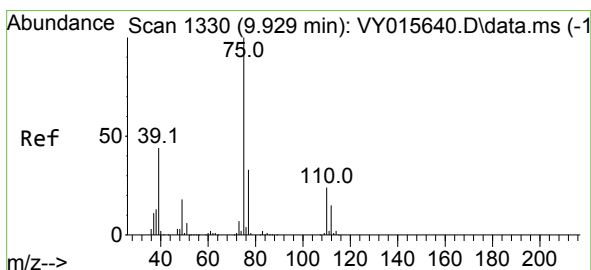
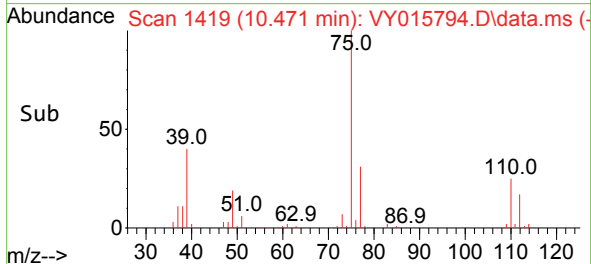
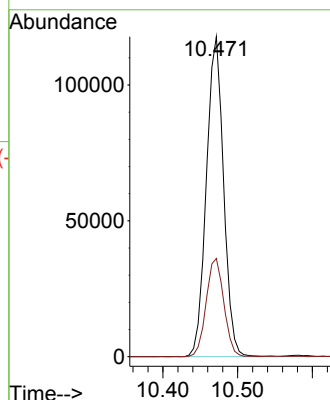
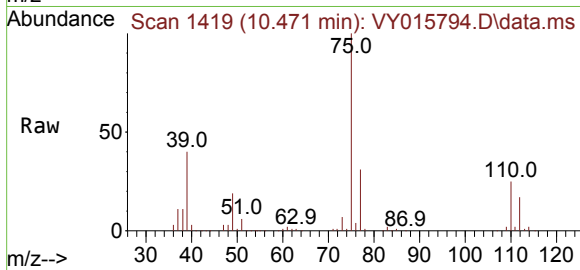




#53
 t-1,3-Dichloropropene
 Concen: 53.466 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.012 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

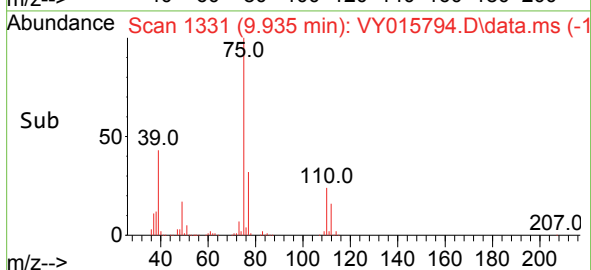
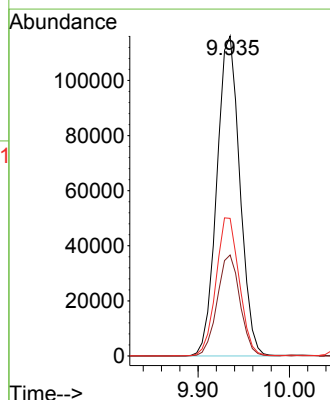
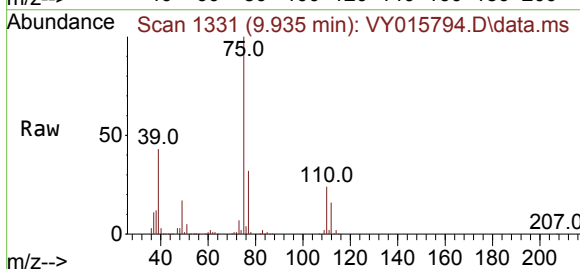
Instrument :
 MSVOA_Y
 ClientSampleId :

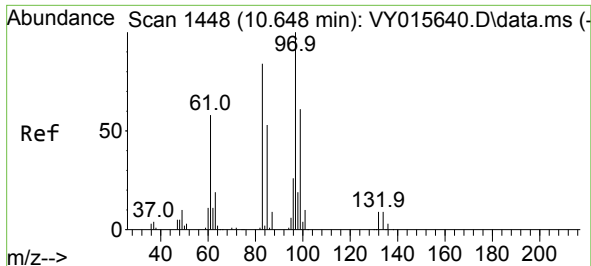
Tgt Ion: 75 Resp: 188137
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.683 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

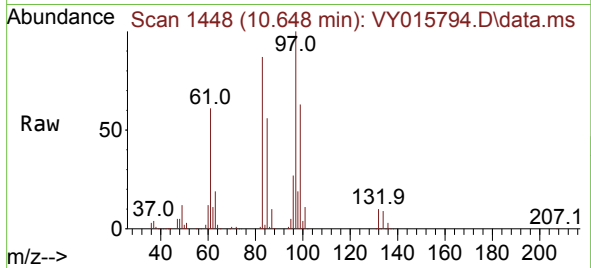
Tgt Ion: 75 Resp: 203336
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 42.9 42.2 63.4



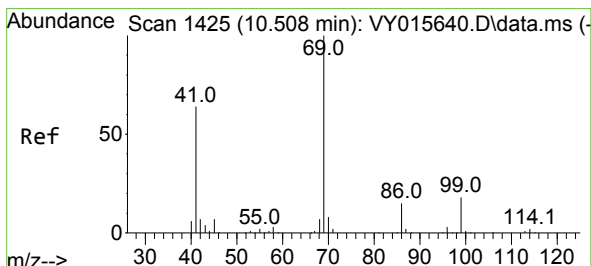
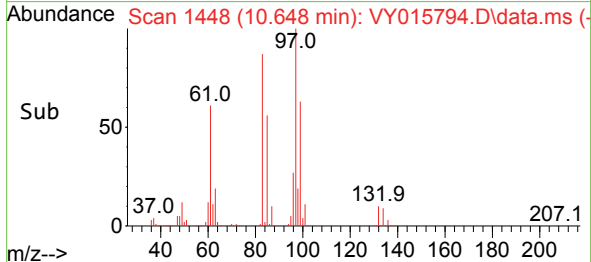
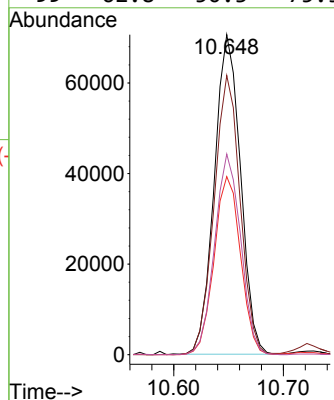


#55
 1,1,2-Trichloroethane
 Concen: 54.310 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. 0.006 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

Instrument :
 MSVOA_Y
 ClientSampleId :

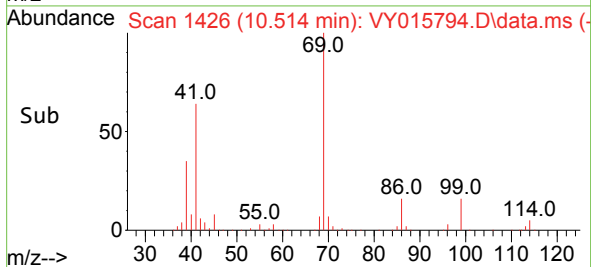
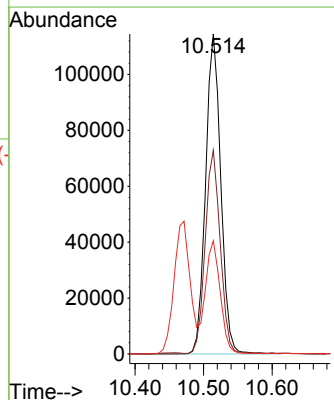
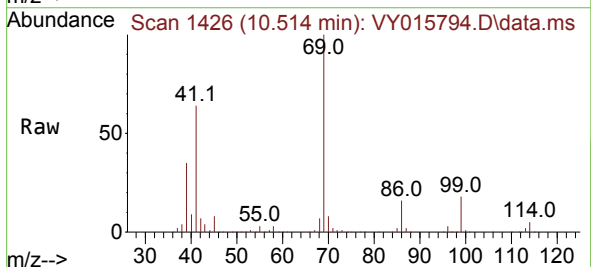


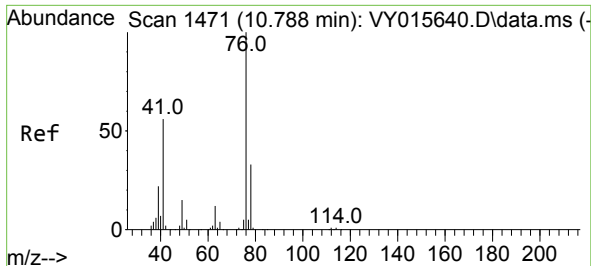
Tgt Ion:	97	Resp:	117166
Ion	Ratio	Lower	Upper
97	100		
83	87.3	72.0	108.0
85	55.8	45.4	68.0
99	62.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 55.617 ug/l
 RT: 10.514 min Scan# 1426
 Delta R.T. 0.006 min
 Lab File: VY015794.D
 Acq: 02 Oct 2023 22:31

Tgt Ion:	69	Resp:	176823
Ion	Ratio	Lower	Upper
69	100		
41	62.7	57.6	86.4
39	34.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 54.824 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

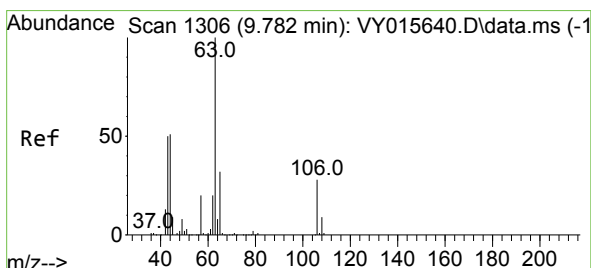
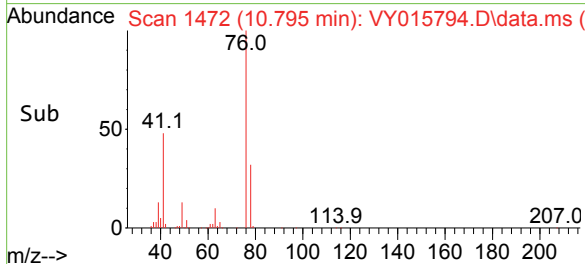
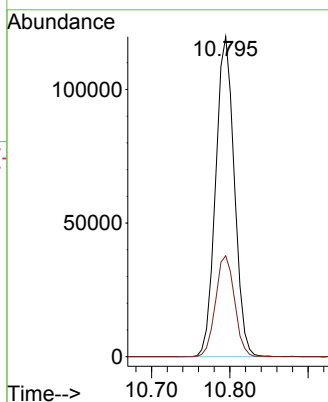
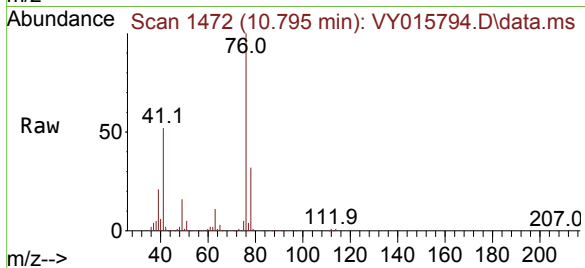
ClientSampleId :

Tgt Ion: 76 Resp: 198343

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 175.663 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.013 min

Lab File: VY015794.D

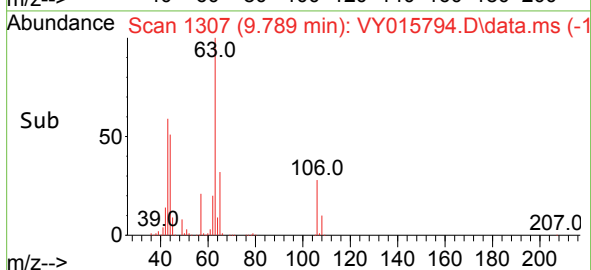
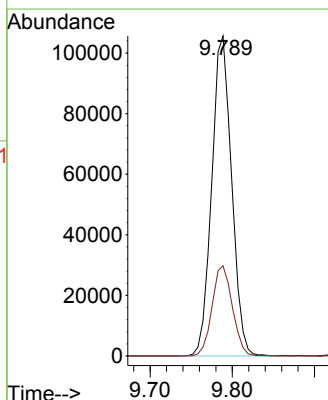
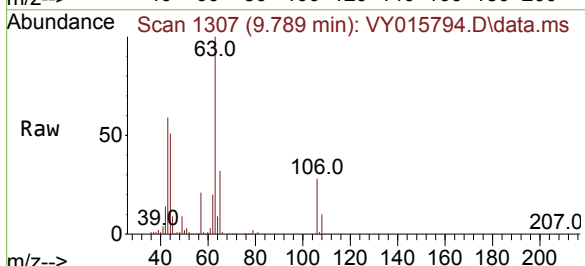
Acq: 02 Oct 2023 22:31

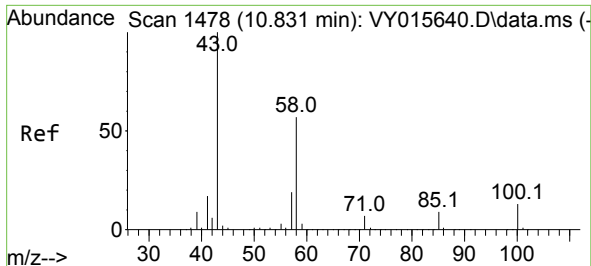
Tgt Ion: 63 Resp: 177398

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

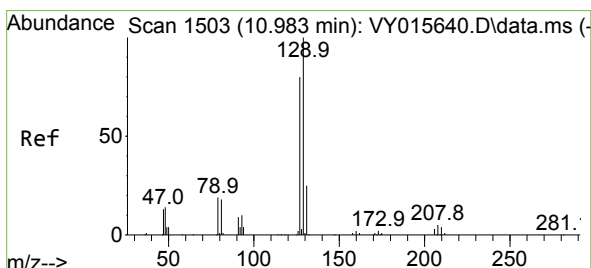
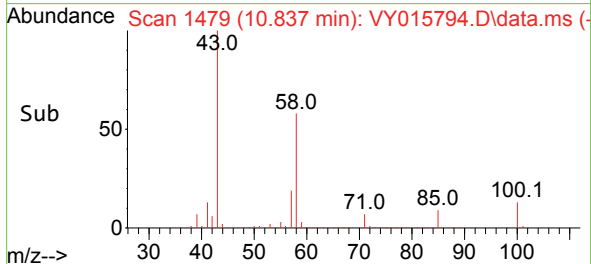
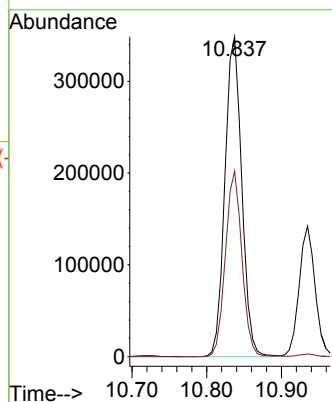
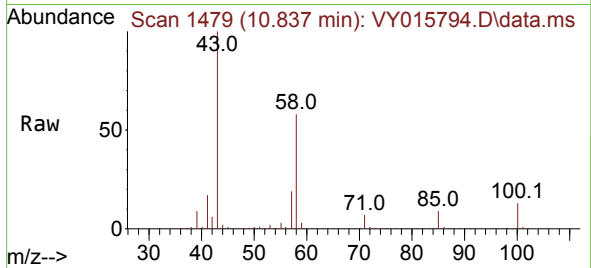




#59
2-Hexanone
Concen: 248.896 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

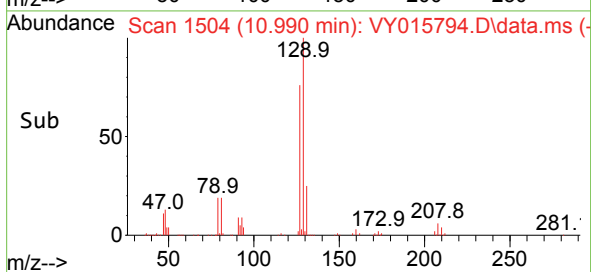
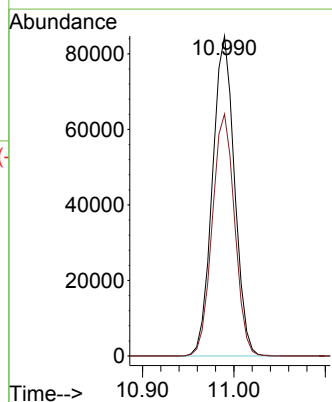
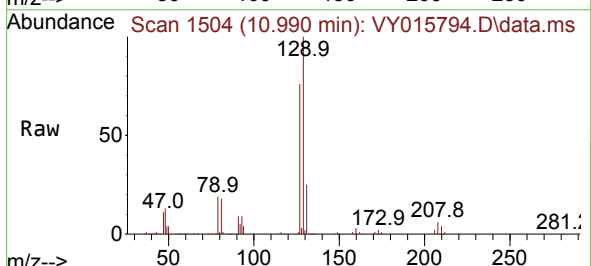
Instrument :
MSVOA_Y
ClientSampleId :

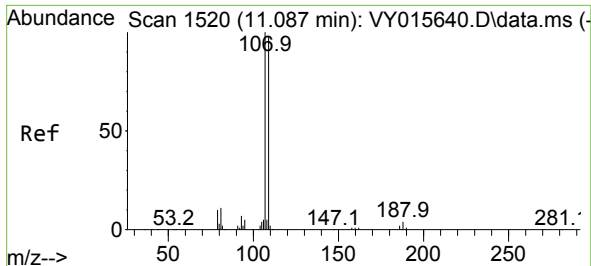
Tgt Ion: 43 Resp: 545729
Ion Ratio Lower Upper
43 100
58 56.9 25.1 75.3



#60
Dibromochloromethane
Concen: 56.354 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 129 Resp: 141919
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

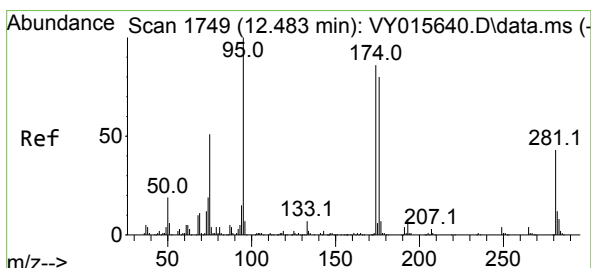
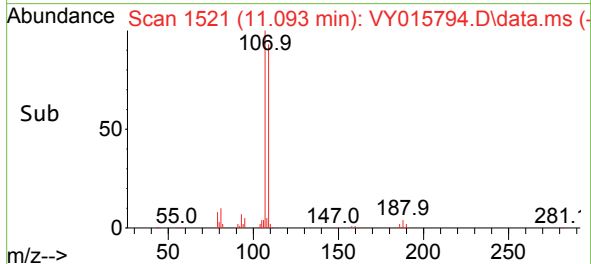
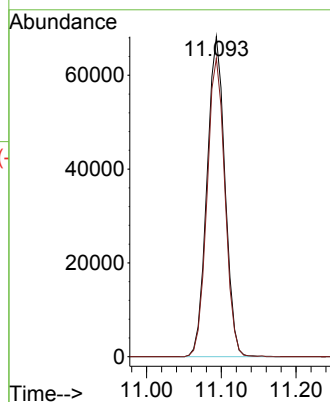
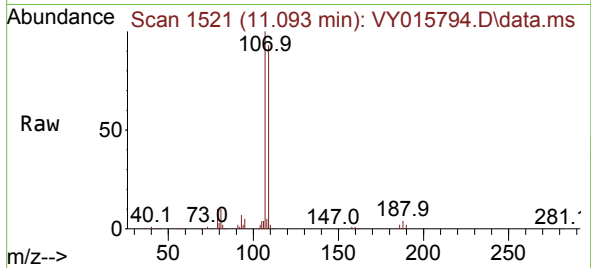




#61
1,2-Dibromoethane
Concen: 54.019 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

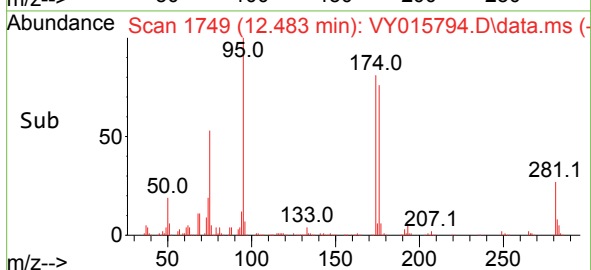
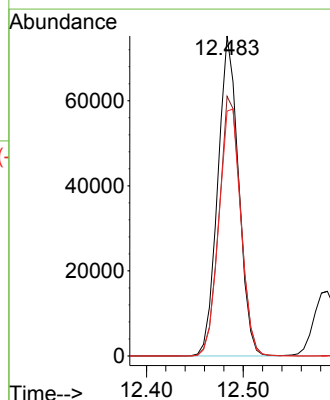
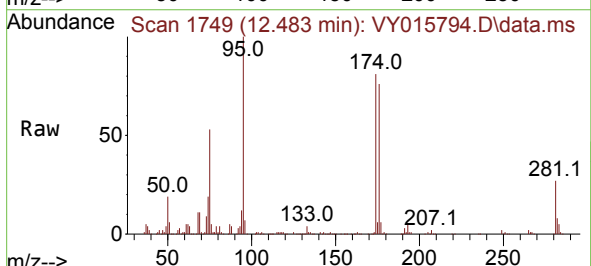
Instrument :
MSVOA_Y
ClientSampleId :

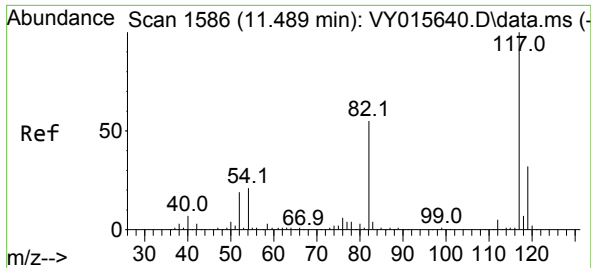
Tgt Ion:107 Resp: 114009
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 95 Resp: 111990
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.9 0.0 173.8

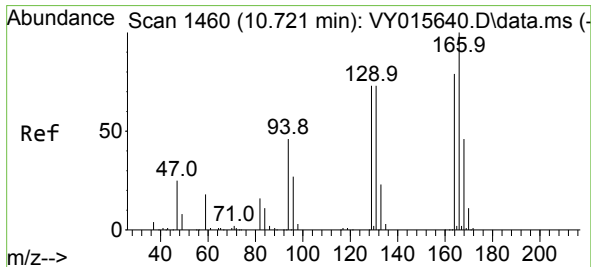
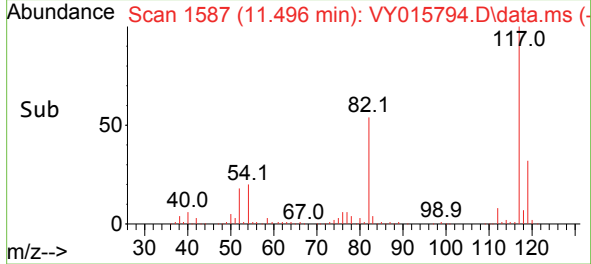
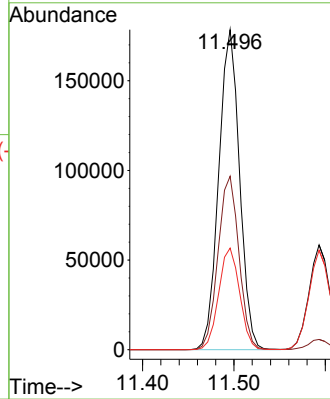
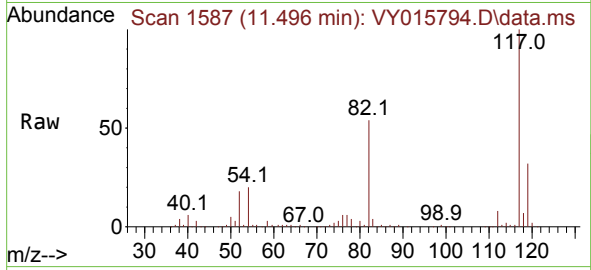




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

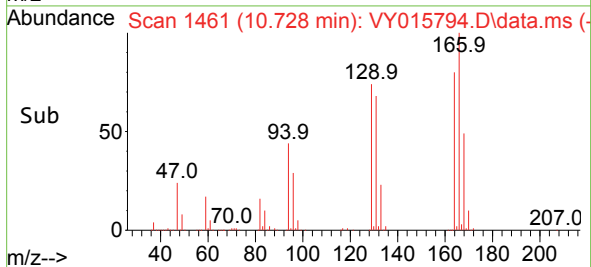
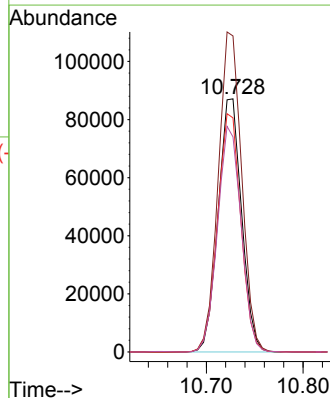
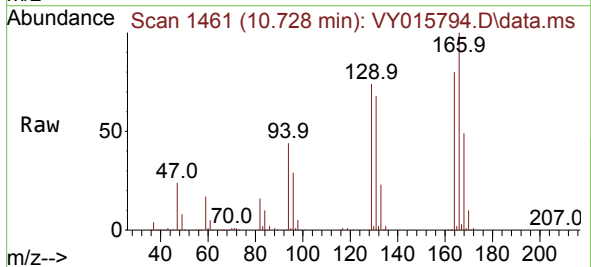
Instrument :
MSVOA_Y
ClientSampleId :

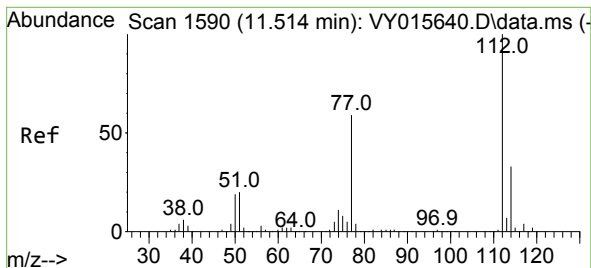
Tgt Ion:117 Resp: 282353
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 60.575 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.013 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion:164 Resp: 146744
Ion Ratio Lower Upper
164 100
166 124.8 103.0 154.6
129 92.4 77.2 115.8
131 85.0 69.6 104.4

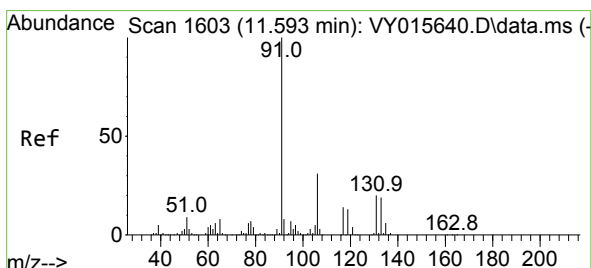
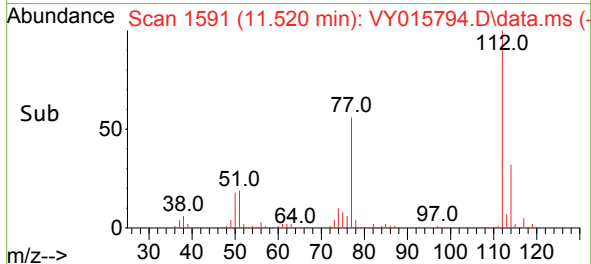
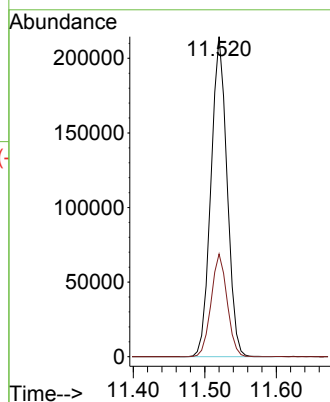
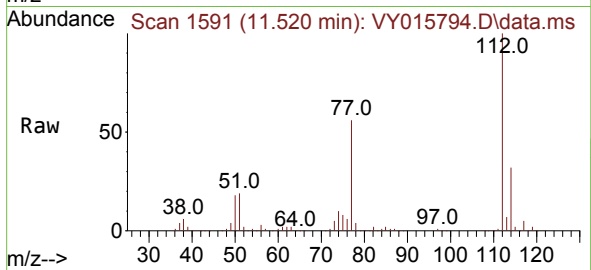




#65
Chlorobenzene
Concen: 54.358 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

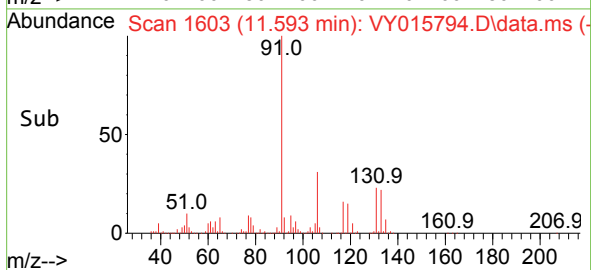
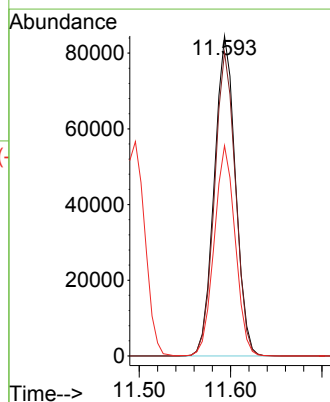
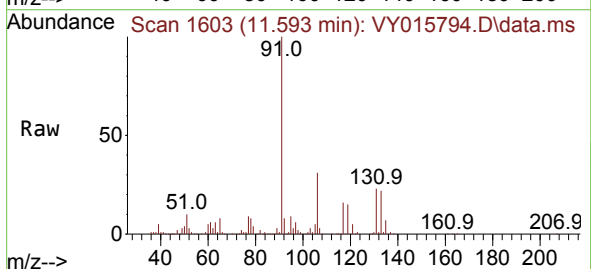
Instrument :
MSVOA_Y
ClientSampleId :

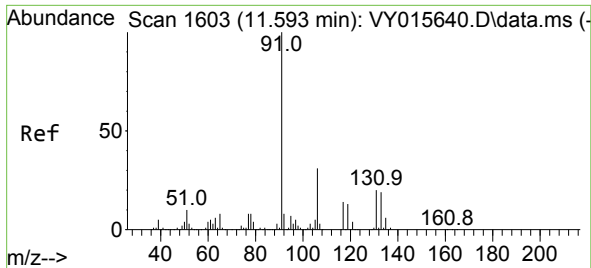
Tgt Ion:112 Resp: 335022
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.926 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion:131 Resp: 136282
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 65.2 31.6 94.7

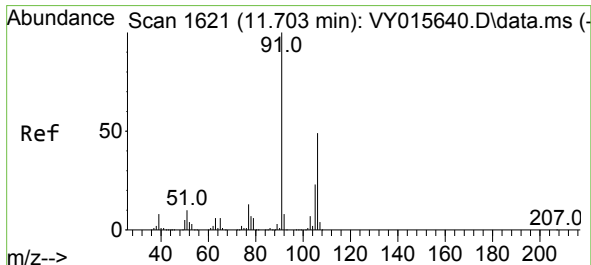
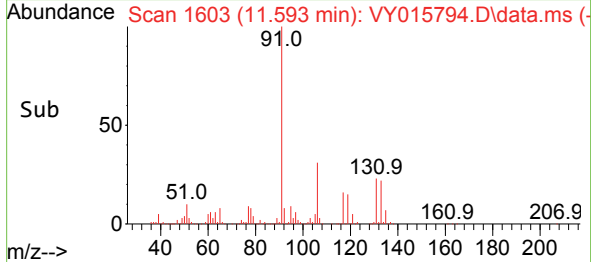
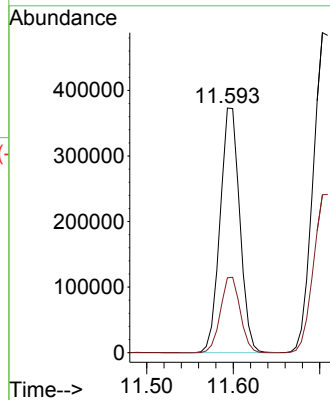
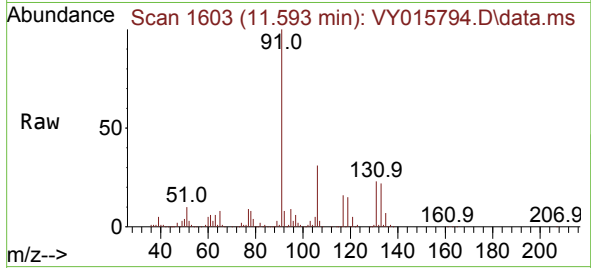




#67
Ethyl Benzene
Concen: 54.746 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

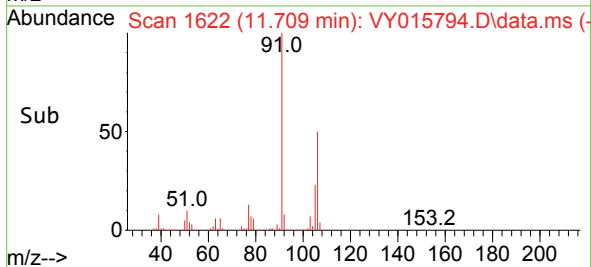
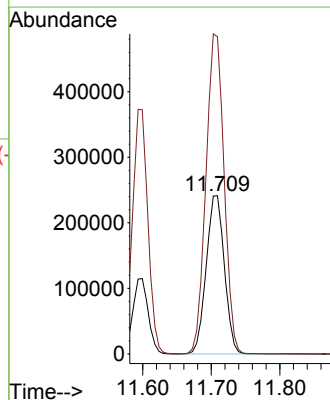
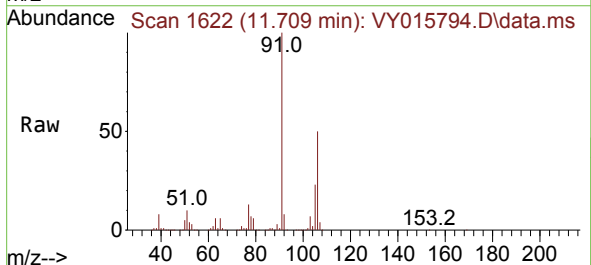
Instrument :
MSVOA_Y
ClientSampleId :

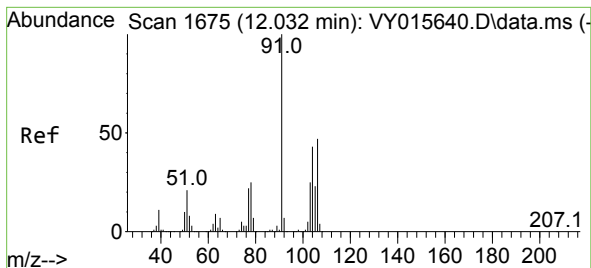
Tgt Ion: 91 Resp: 589748
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 108.716 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 106 Resp: 445139
Ion Ratio Lower Upper
106 100
91 202.2 166.1 249.1

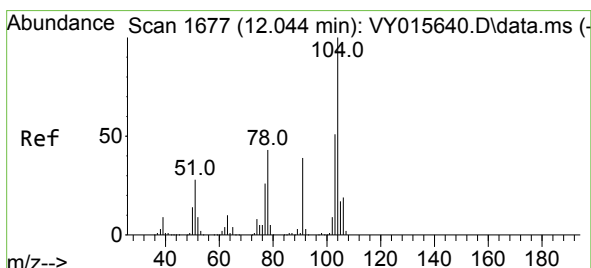
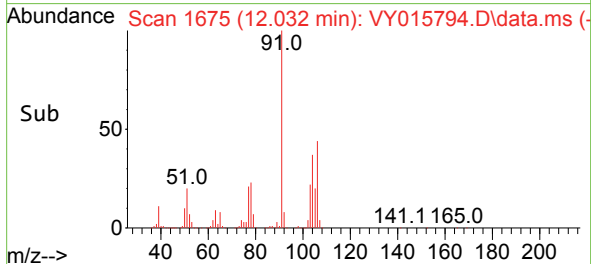
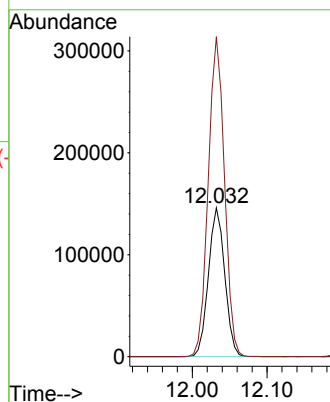
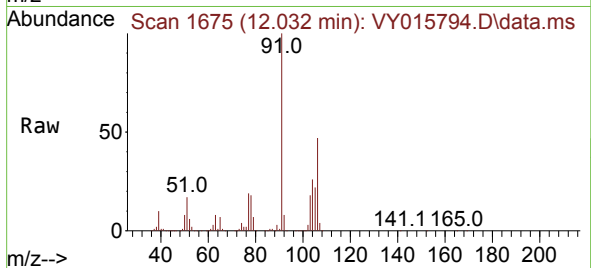




#69
o-Xylene
Concen: 55.182 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

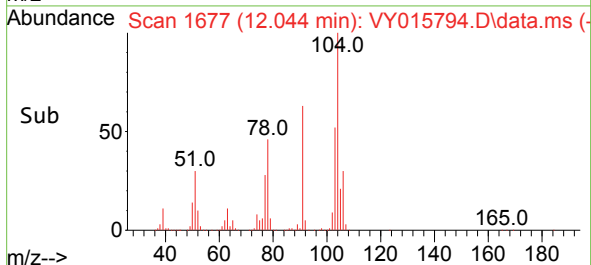
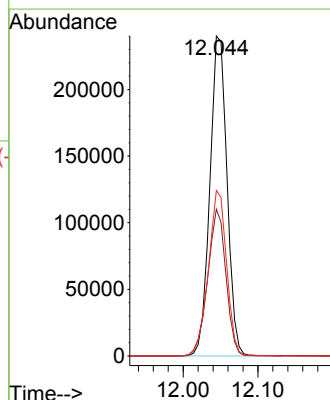
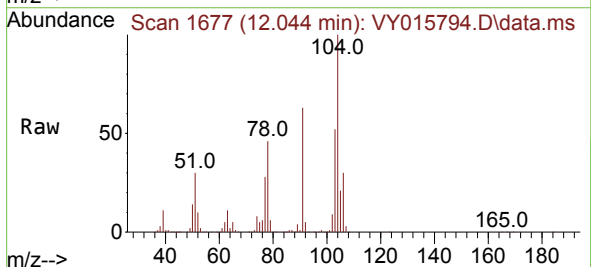
Instrument :
MSVOA_Y
ClientSampleId :

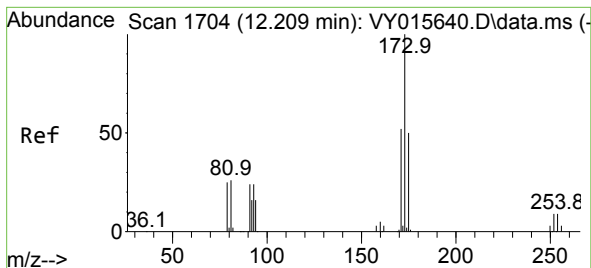
Tgt Ion:106 Resp: 221553
Ion Ratio Lower Upper
106 100
91 213.6 108.1 324.3



#70
Styrene
Concen: 55.834 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion:104 Resp: 383719
Ion Ratio Lower Upper
104 100
78 48.8 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 56.502 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

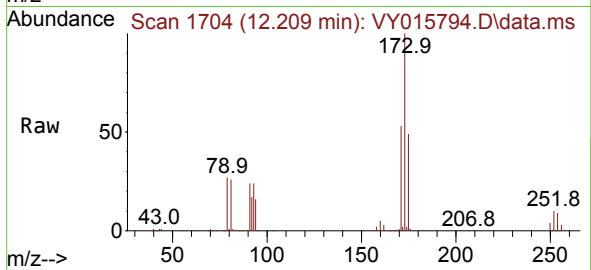
Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :



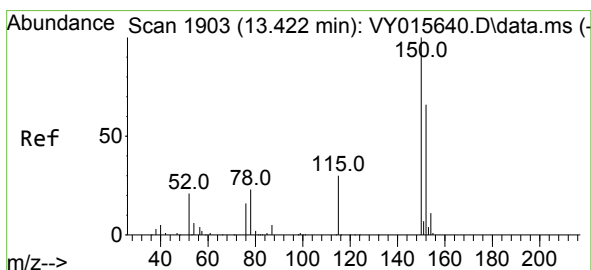
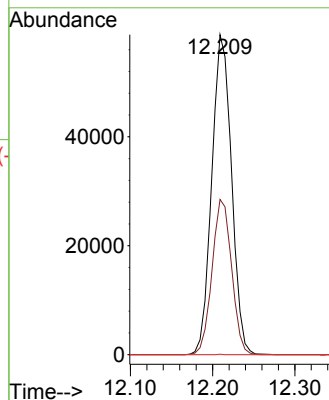
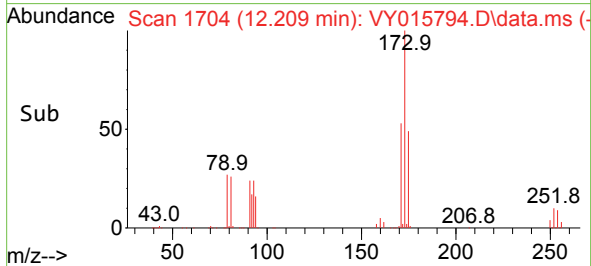
Tgt Ion:173 Resp: 98022

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

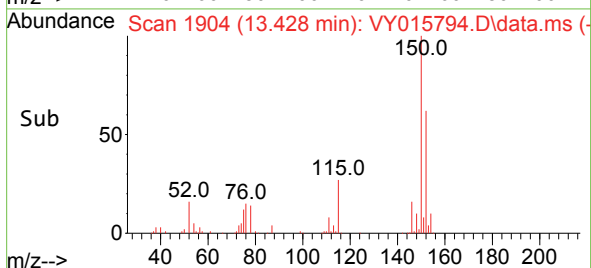
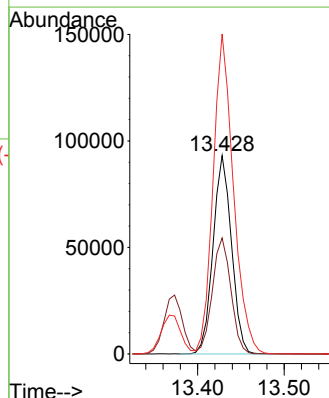
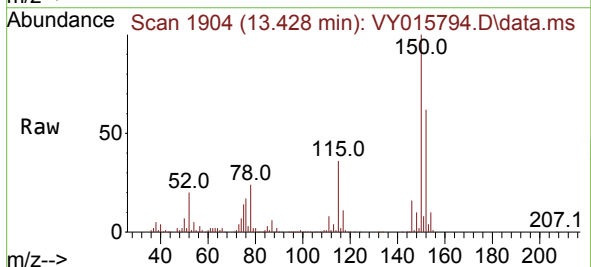
Tgt Ion:152 Resp: 137974

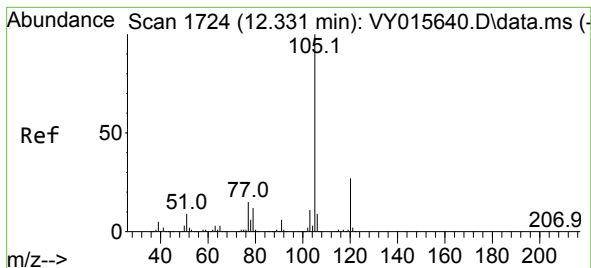
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 177.5 0.0 348.8





#73

Isopropylbenzene

Concen: 56.950 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

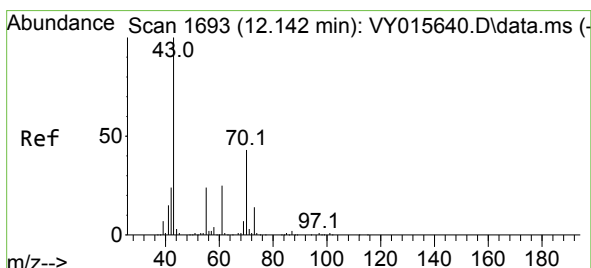
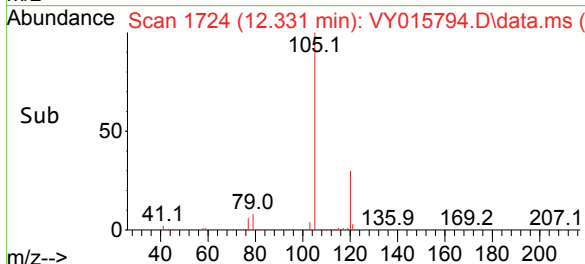
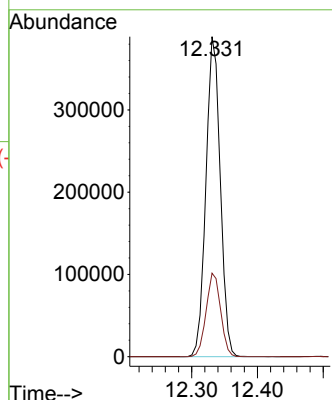
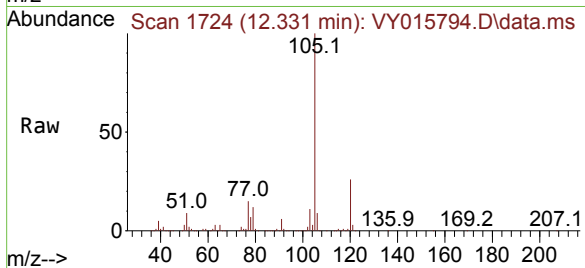
ClientSampleId :

Tgt Ion:105 Resp: 589460

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 53.542 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Tgt Ion: 43 Resp: 208289

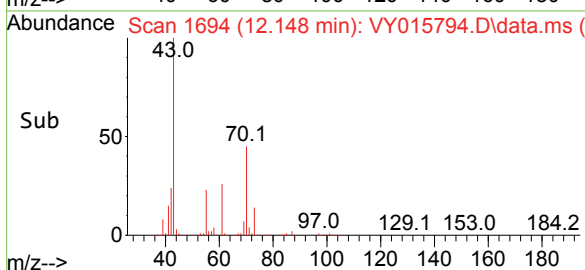
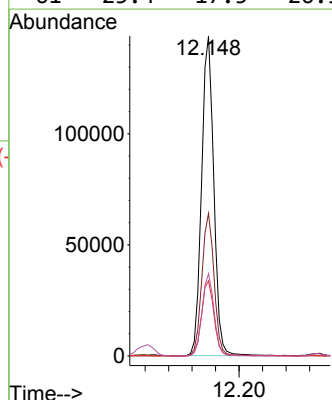
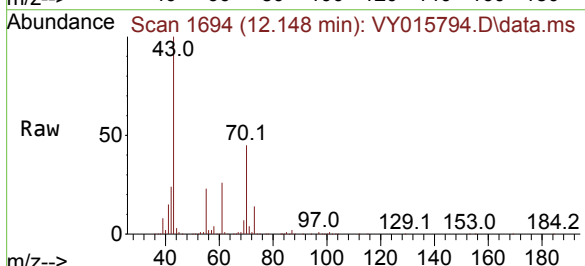
Ion Ratio Lower Upper

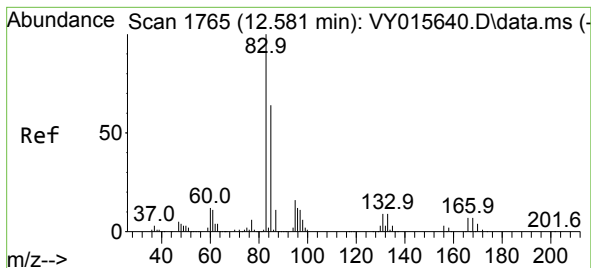
43 100

70 45.0 29.7 44.5

55 24.0 18.3 27.5

61 25.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.700 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

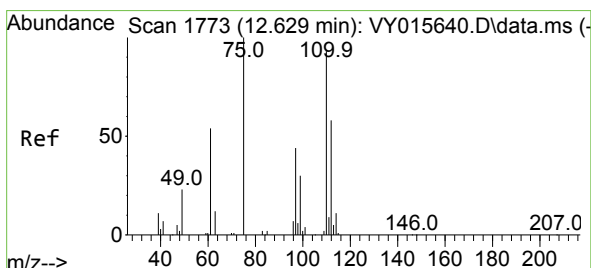
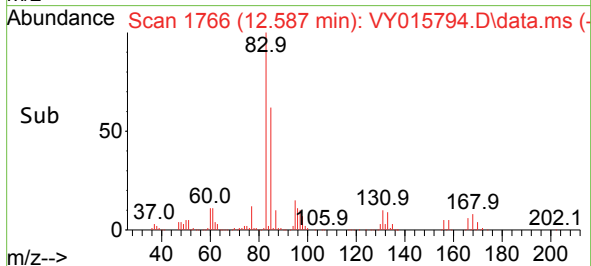
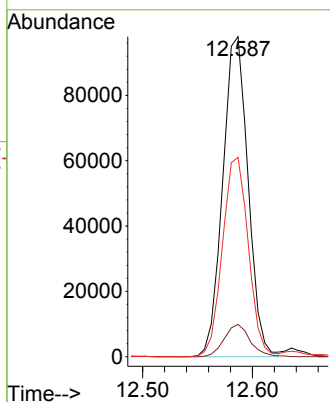
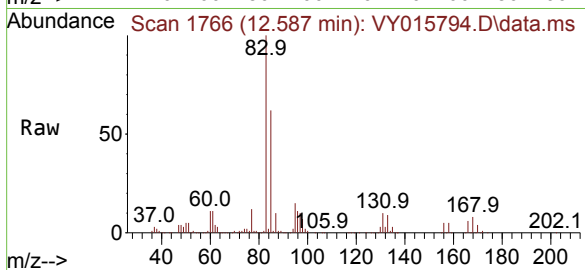
Tgt Ion: 83 Resp: 157570

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.670 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015794.D

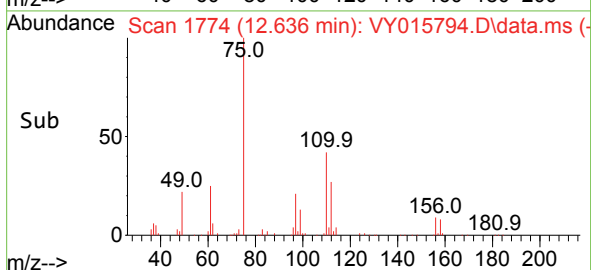
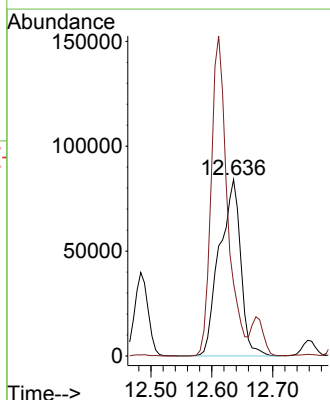
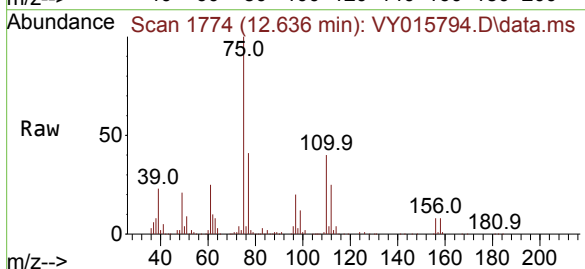
Acq: 02 Oct 2023 22:31

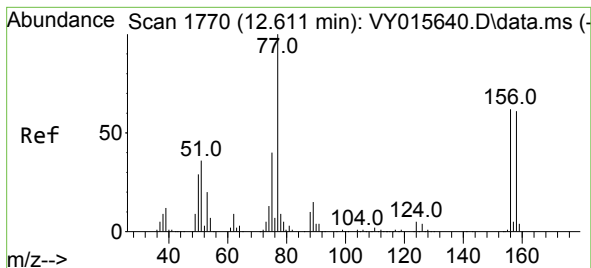
Tgt Ion: 75 Resp: 203980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.759 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

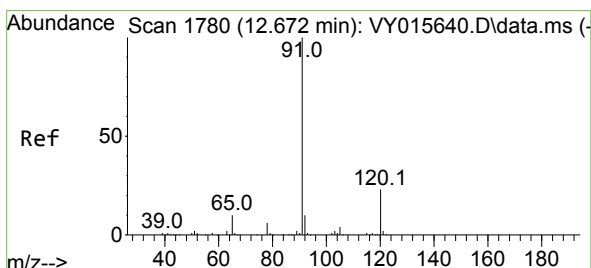
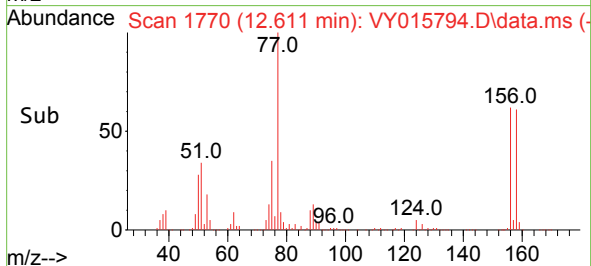
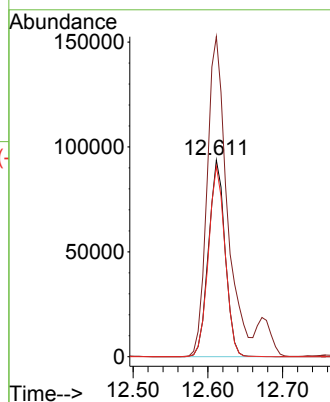
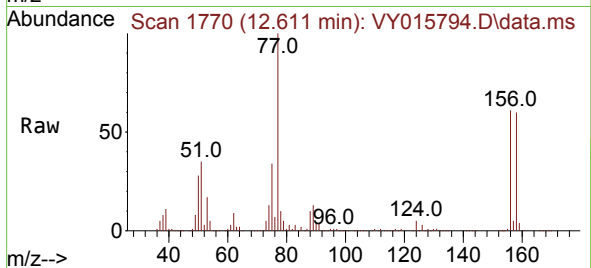
Tgt Ion:156 Resp: 144207

Ion Ratio Lower Upper

156 100

77 197.3 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 56.248 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015794.D

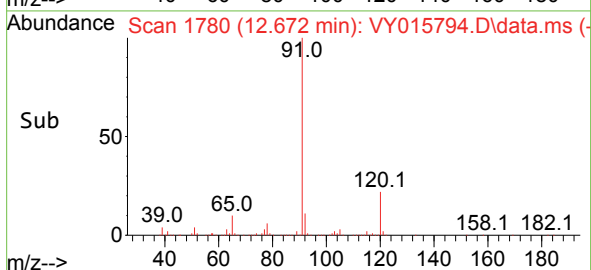
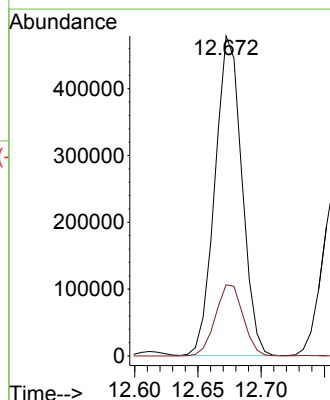
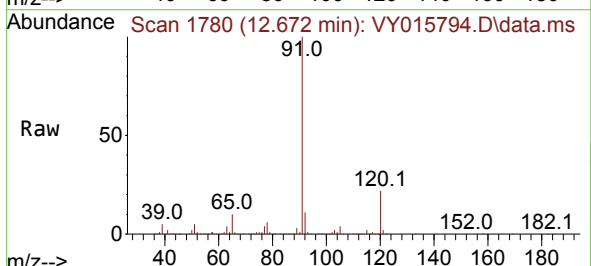
Acq: 02 Oct 2023 22:31

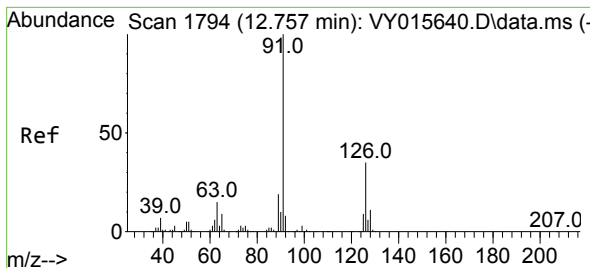
Tgt Ion: 91 Resp: 707275

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 57.045 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

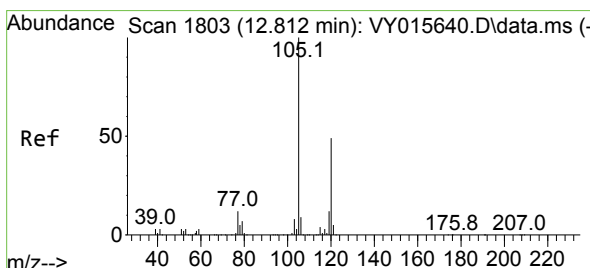
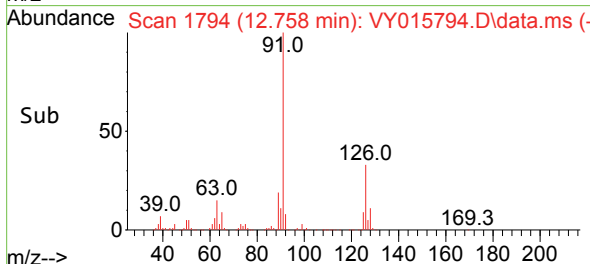
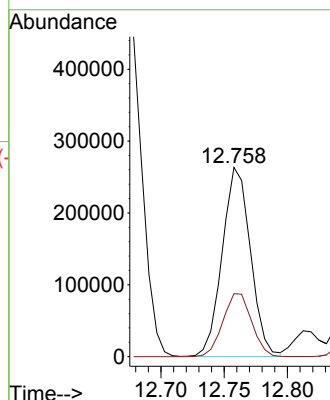
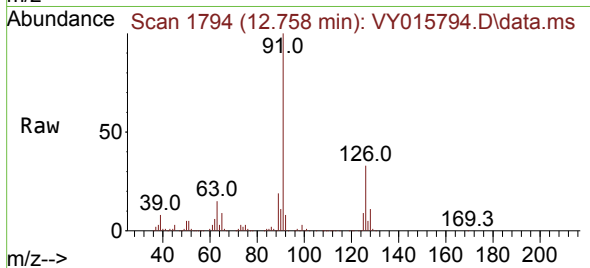
ClientSampleId :

Tgt Ion: 91 Resp: 408877

Ion Ratio Lower Upper

91 100

126 34.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 56.864 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.007 min

Lab File: VY015794.D

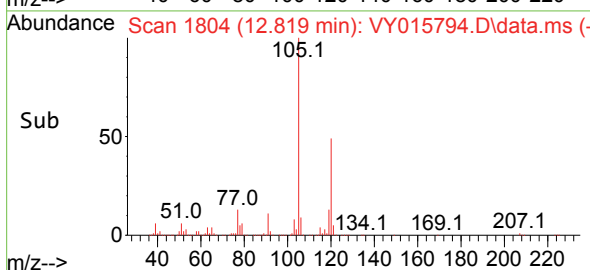
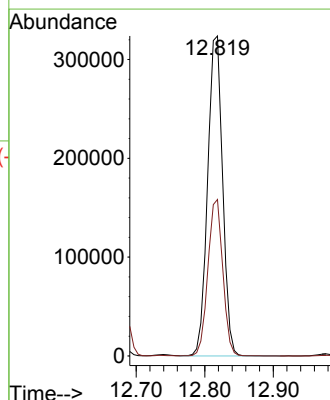
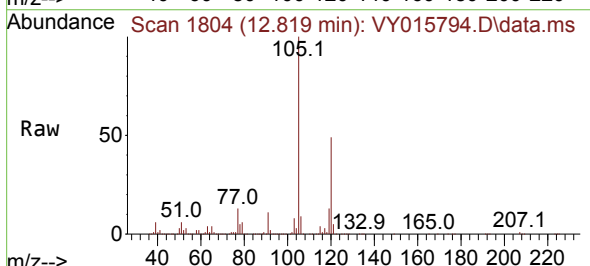
Acq: 02 Oct 2023 22:31

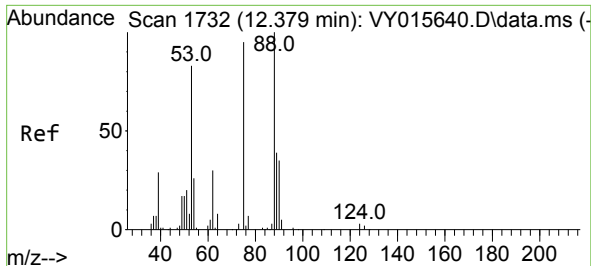
Tgt Ion: 105 Resp: 492731

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7

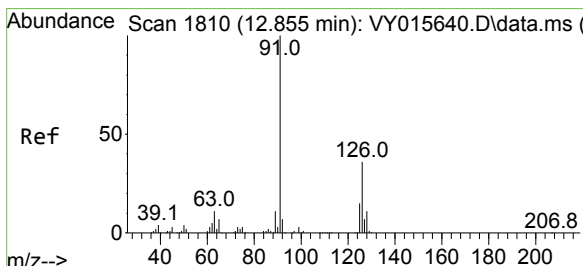
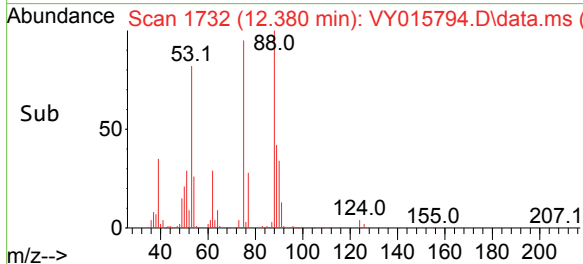
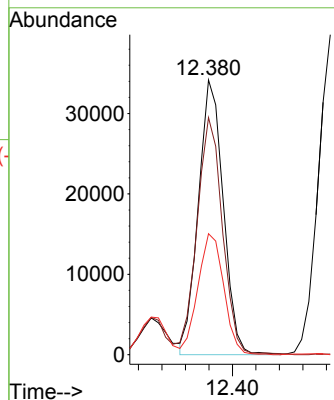
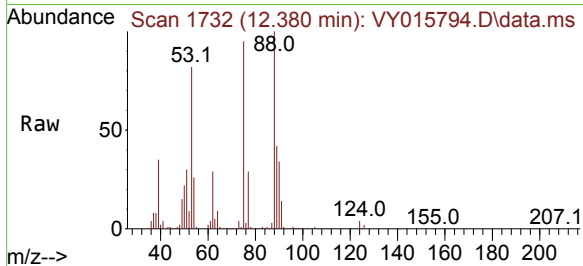




#81
trans-1,4-Dichloro-2-butene
Concen: 51.579 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

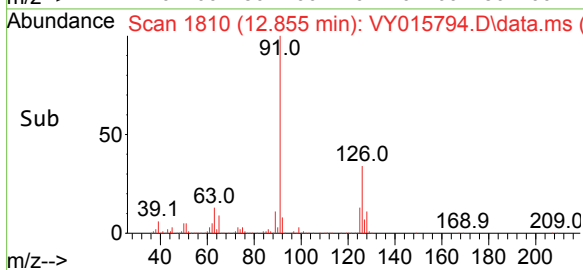
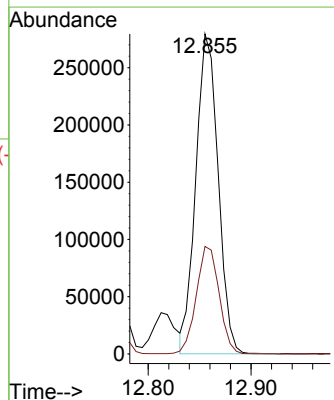
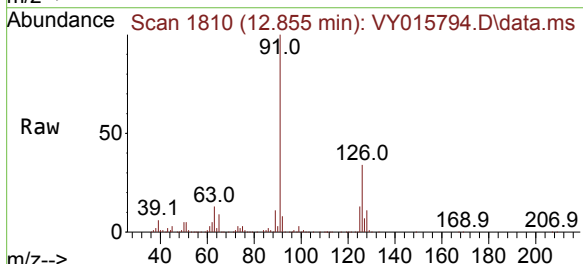
Instrument :
MSVOA_Y
ClientSampleId :

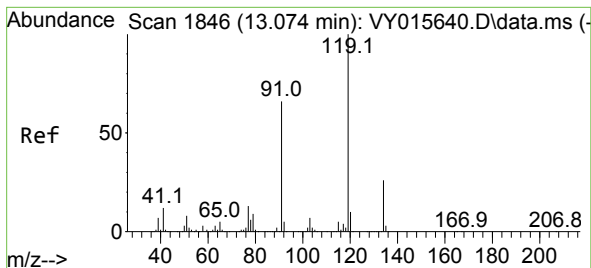
Tgt Ion: 75 Resp: 50416
Ion Ratio Lower Upper
75 100
53 88.7 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 56.322 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 91 Resp: 421431
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 58.790 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

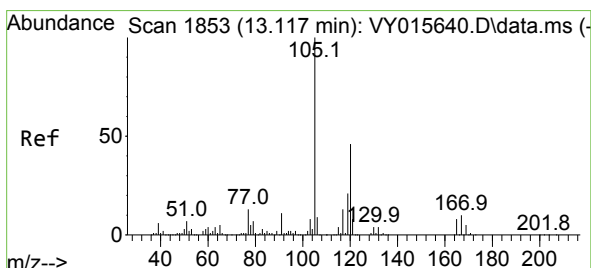
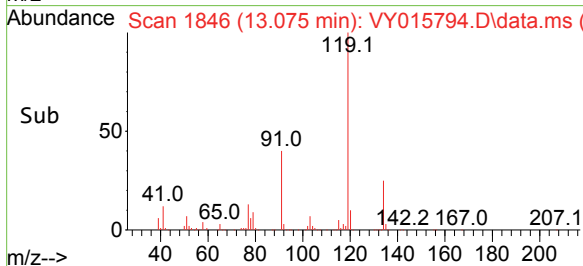
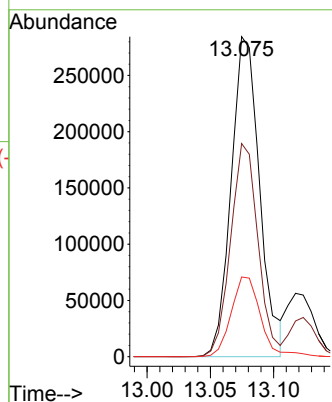
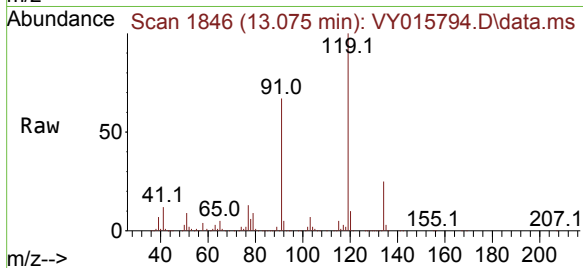
Tgt Ion:119 Resp: 446170

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 56.569 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015794.D

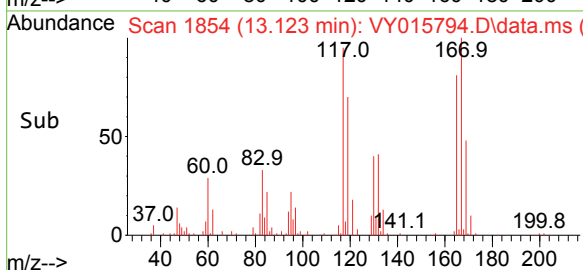
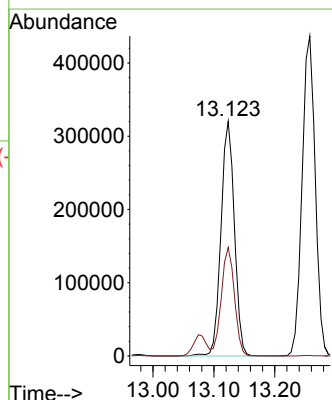
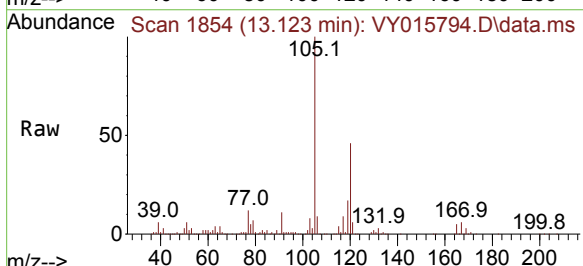
Acq: 02 Oct 2023 22:31

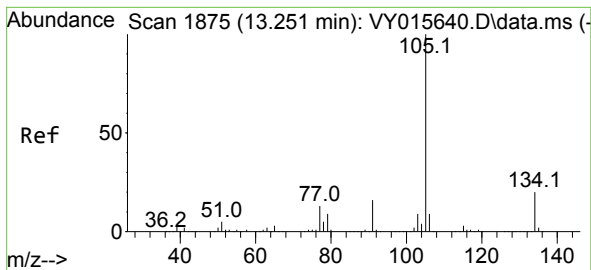
Tgt Ion:105 Resp: 490452

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 57.432 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

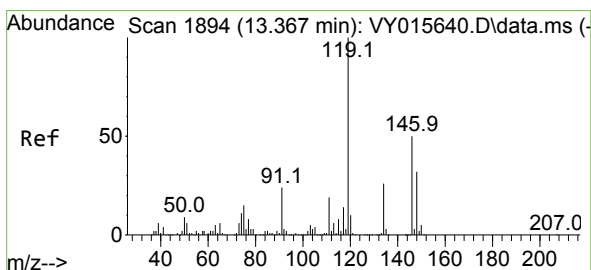
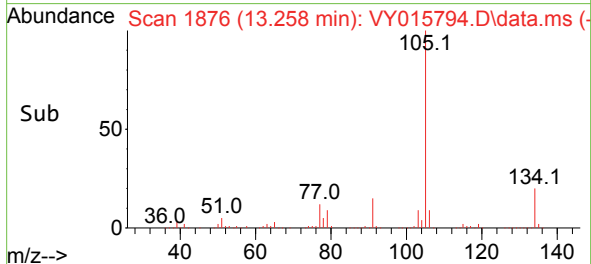
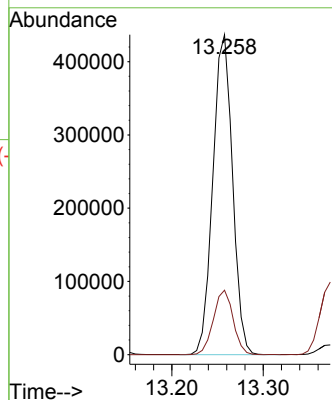
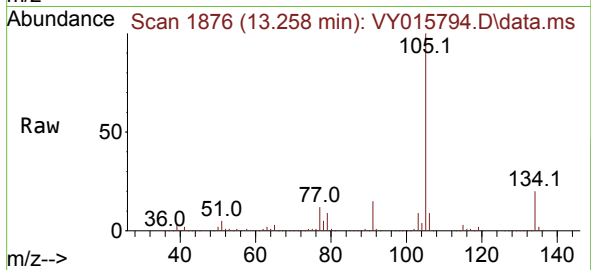
ClientSampleId :

Tgt Ion:105 Resp: 652285

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.730 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

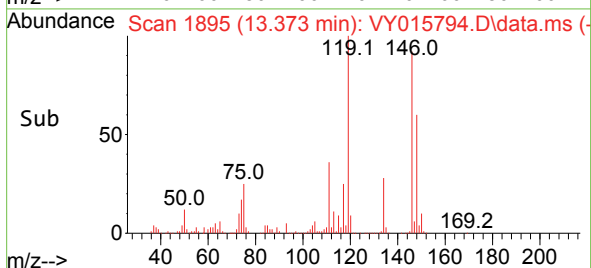
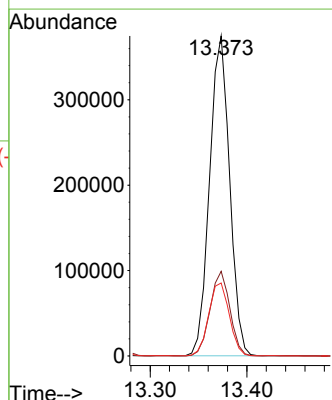
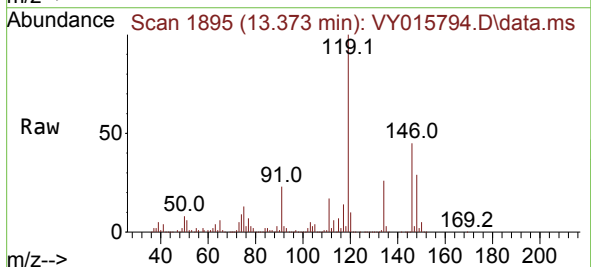
Tgt Ion:119 Resp: 538205

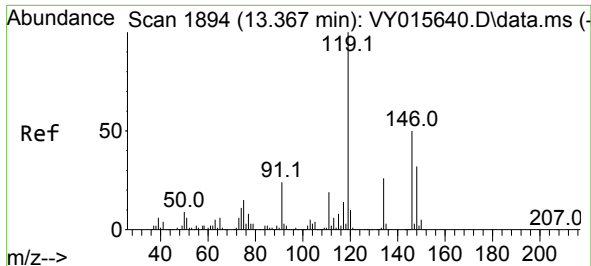
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.4 12.4 37.4

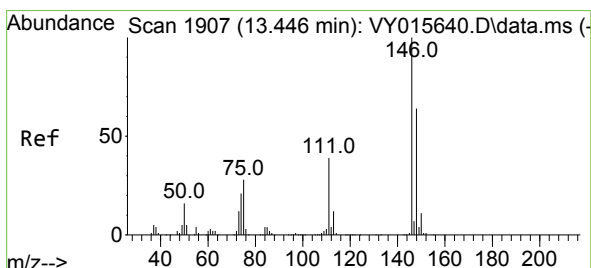
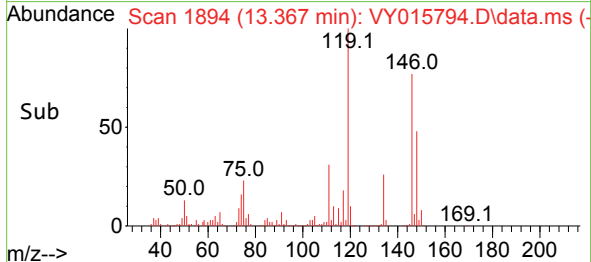
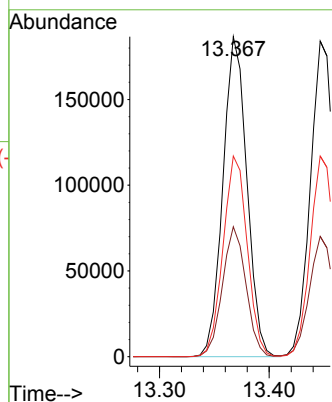
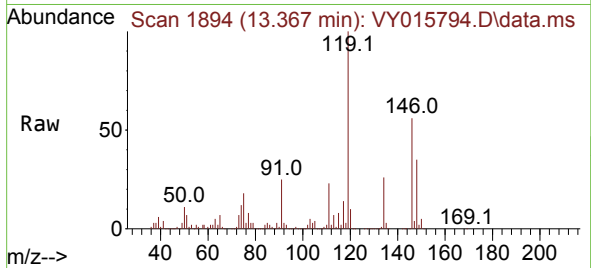




#87
1,3-Dichlorobenzene
Concen: 56.196 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

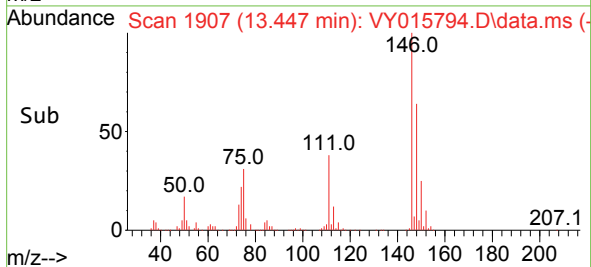
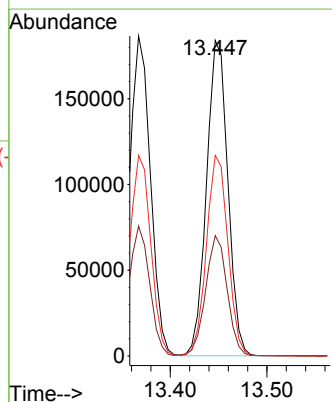
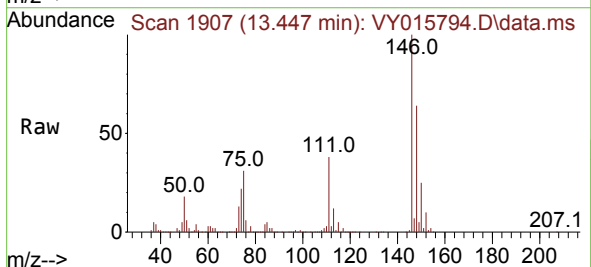
Instrument :
MSVOA_Y
ClientSampleId :

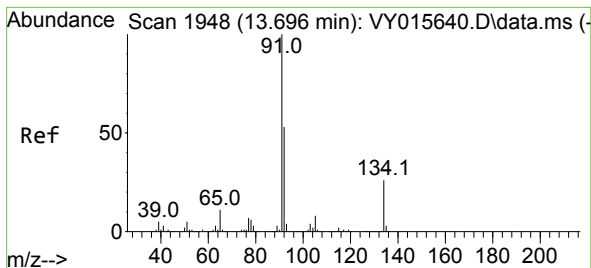
Tgt Ion:146 Resp: 283249
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 63.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 55.922 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion:146 Resp: 281908
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 55.810 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

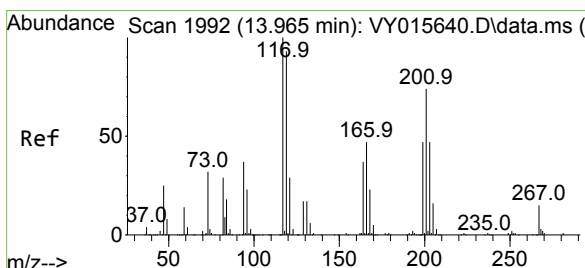
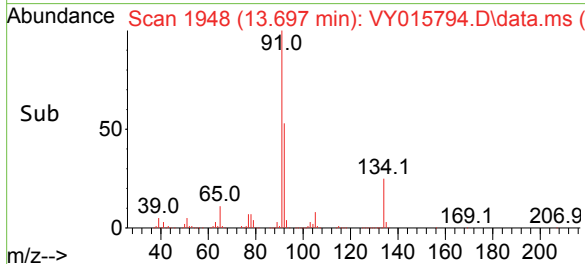
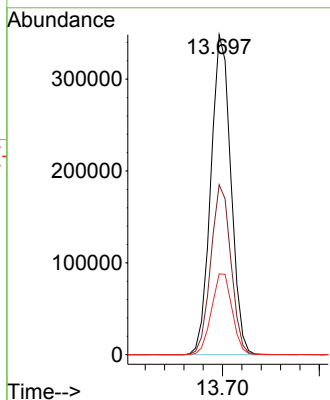
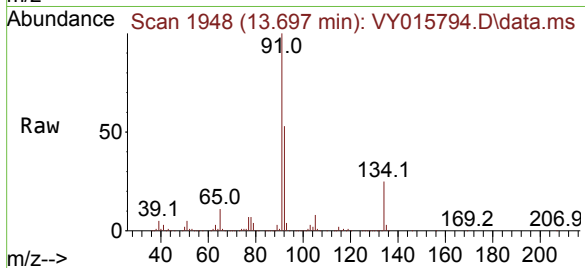
Tgt Ion: 91 Resp: 501377

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 58.452 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015794.D

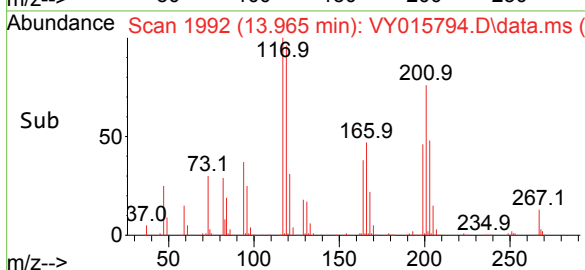
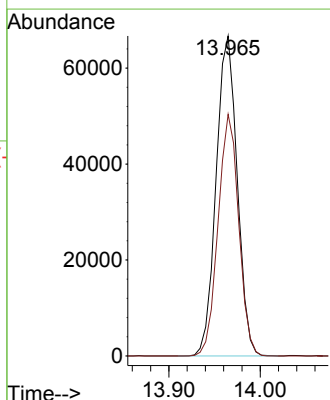
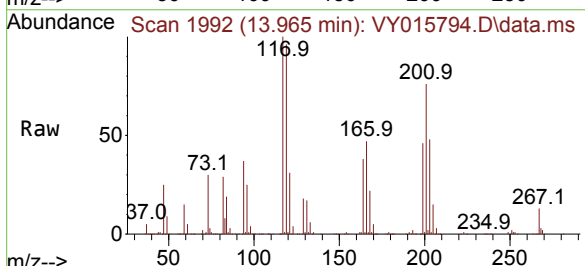
Acq: 02 Oct 2023 22:31

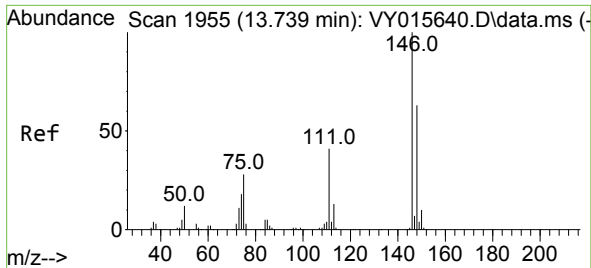
Tgt Ion: 117 Resp: 107025

Ion Ratio Lower Upper

117 100

201 73.8 41.6 124.8

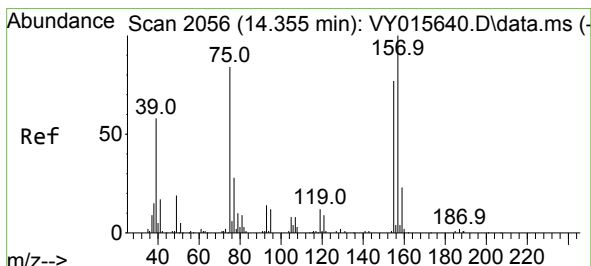
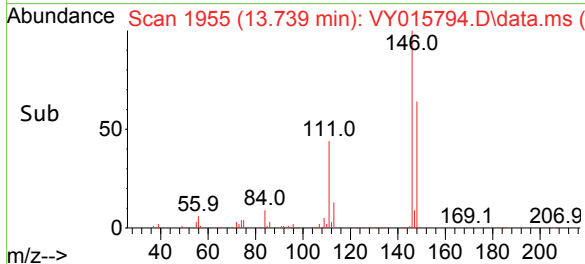
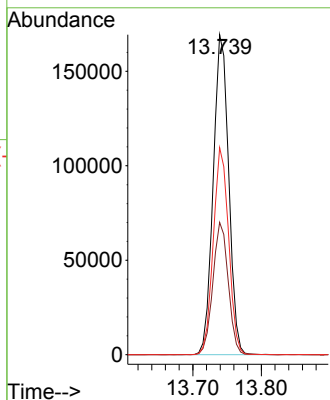
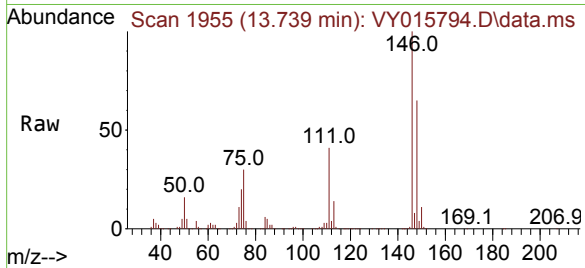




#91
1,2-Dichlorobenzene
Concen: 56.995 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

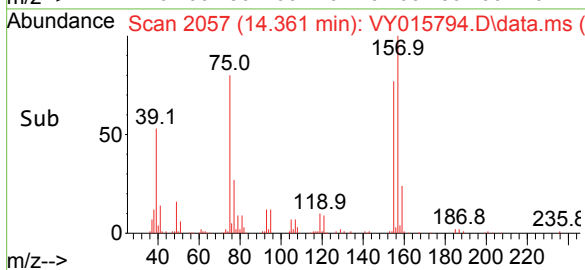
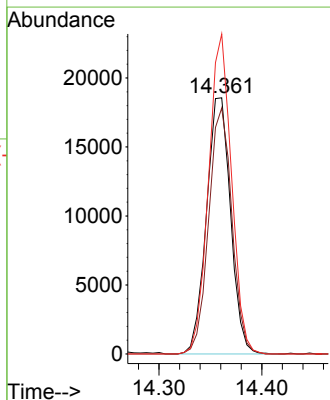
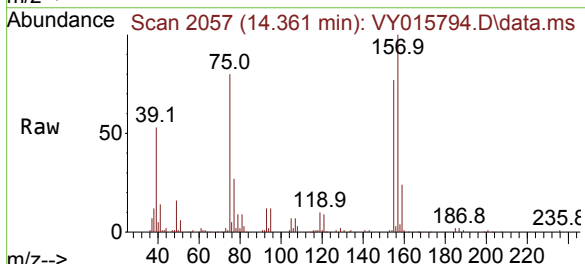
Instrument :
MSVOA_Y
ClientSampleId :

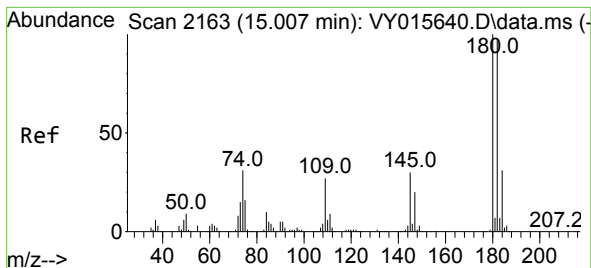
Tgt Ion:146 Resp: 265191
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.834 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015794.D
Acq: 02 Oct 2023 22:31

Tgt Ion: 75 Resp: 30227
Ion Ratio Lower Upper
75 100
155 92.5 41.5 124.6
157 118.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 56.132 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

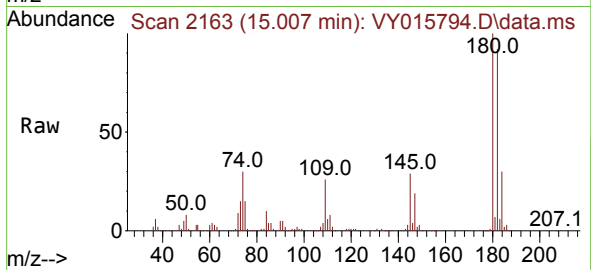
Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :



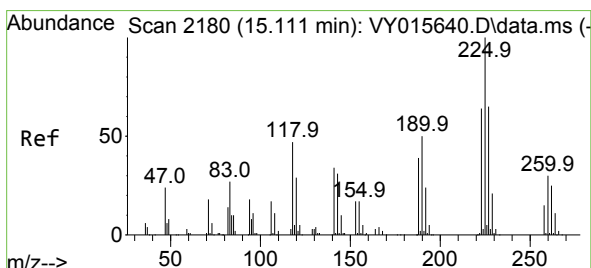
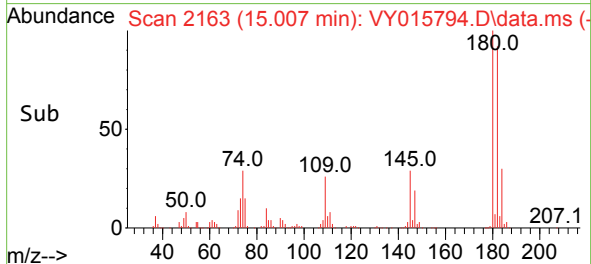
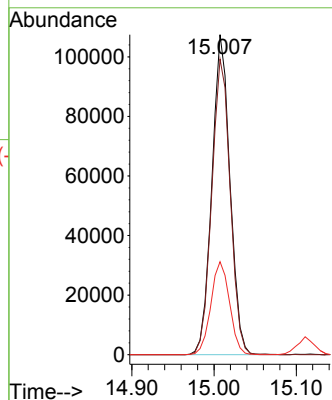
Tgt Ion:180 Resp: 164421

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 55.885 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

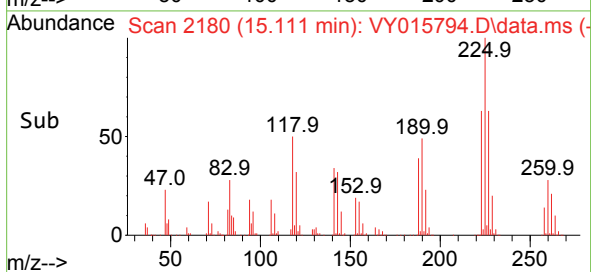
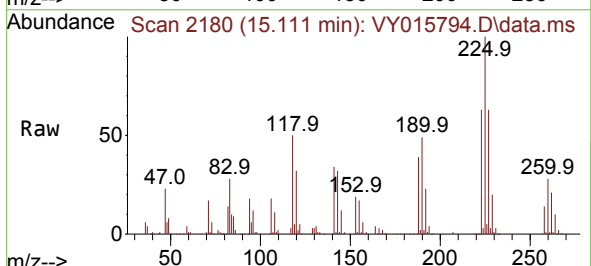
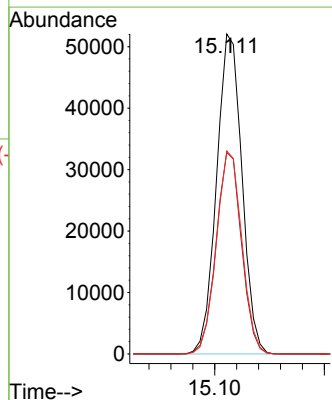
Tgt Ion:225 Resp: 83831

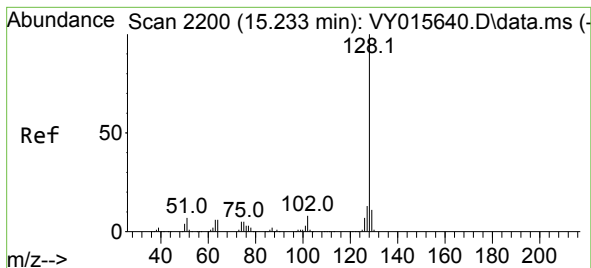
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 56.468 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

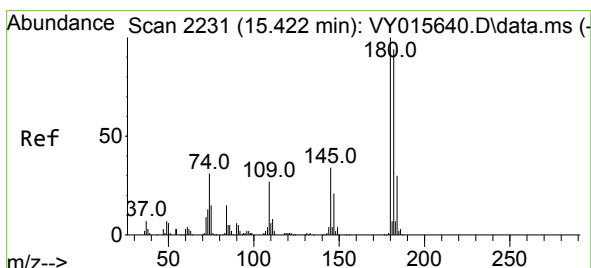
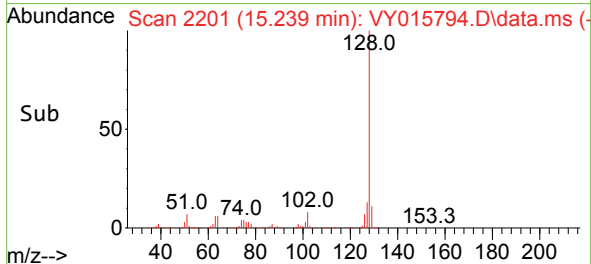
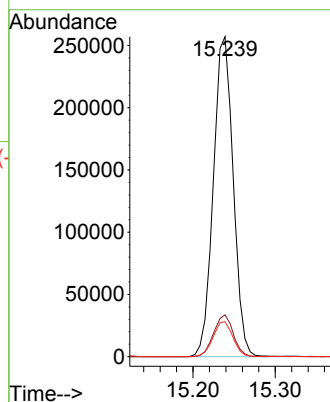
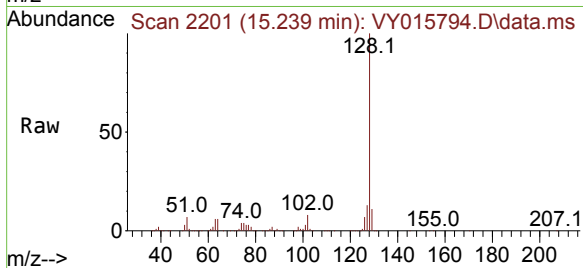
Tgt Ion:128 Resp: 431303

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.583 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015794.D

Acq: 02 Oct 2023 22:31

Tgt Ion:180 Resp: 150274

Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.8

145 32.6 15.4 46.2

