

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015796.D
 Acq On : 03 Oct 2023 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:04:28 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	7.789	168	158290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90225	51.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.600%	
35) Dibromofluoromethane	7.722	113	85253	48.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.760%	
50) Toluene-d8	10.185	98	291096	49.224	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.483	95	112649	48.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45440	43.550	ug/l	99
3) Chloromethane	2.113	50	68209	51.818	ug/l	98
4) Vinyl Chloride	2.253	62	75525	50.182	ug/l	99
5) Bromomethane	2.650	94	64080	50.104	ug/l	97
6) Chloroethane	2.790	64	63834	57.223	ug/l	99
7) Trichlorofluoromethane	3.125	101	118806	47.070	ug/l	98
8) Diethyl Ether	3.534	74	65415	60.774	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	73630	46.591	ug/l	95
10) Methyl Iodide	4.095	142	101384	54.307	ug/l	97
11) Tert butyl alcohol	4.985	59	117506	327.387	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	70928	50.933	ug/l	93
13) Acrolein	3.735	56	63627	238.547	ug/l	97
14) Allyl chloride	4.479	41	145082	56.981	ug/l	93
15) Acrylonitrile	5.167	53	232569	294.539	ug/l	98
16) Acetone	3.960	43	242256	259.919	ug/l	91
17) Carbon Disulfide	4.198	76	131548	48.626	ug/l	99
18) Methyl Acetate	4.485	43	206812	66.133	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	356159	62.795	ug/l	99
20) Methylene Chloride	4.716	84	118649	58.999	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	88700	55.725	ug/l	97
22) Diisopropyl ether	6.125	45	379802	61.983	ug/l	92
23) Vinyl Acetate	6.064	43	1086494	287.271	ug/l	95
24) 1,1-Dichloroethane	6.021	63	195867	58.645	ug/l	97
25) 2-Butanone	6.996	43	364307	276.532	ug/l	98
26) 2,2-Dichloropropane	6.984	77	162419	53.206	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	126311	59.774	ug/l	95
28) Bromochloromethane	7.338	49	38175	42.129	ug/l	98
29) Tetrahydrofuran	7.350	42	221079	296.904	ug/l	94
30) Chloroform	7.509	83	216284	60.470	ug/l	94
31) Cyclohexane	7.789	56	103765	43.008	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	166172	56.279	ug/l	99
36) 1,1-Dichloropropene	7.923	75	124070	48.111	ug/l	99
37) Ethyl Acetate	7.076	43	134609	52.331	ug/l	96
38) Carbon Tetrachloride	7.899	117	137375	49.076	ug/l	98
39) Methylcyclohexane	9.185	83	117147	41.071	ug/l	95
40) Benzene	8.161	78	420231	53.435	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	194100	140.143	ug/l #	28
42) 1,2-Dichloroethane	8.240	62	147444	54.744	ug/l	94
43) Isopropyl Acetate	8.277	43	243914	55.512	ug/l	98
44) Trichloroethene	8.941	130	117716	53.593	ug/l	99
45) 1,2-Dichloropropane	9.222	63	122875	56.028	ug/l	98
46) Dibromomethane	9.307	93	78374	55.867	ug/l	95
47) Bromodichloromethane	9.496	83	178958	57.231	ug/l	100
48) Methyl methacrylate	9.295	41	111572	57.850	ug/l	89
49) 1,4-Dioxane	9.313	88	32614	1176.773	ug/l #	51
51) 4-Methyl-2-Pentanone	10.075	43	771534	283.296	ug/l	93
52) Toluene	10.246	92	273470	53.939	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	191572	57.130	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	204630	56.692	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	118418	57.600	ug/l	96
56) Ethyl methacrylate	10.514	69	177268	58.510	ug/l #	87
57) 1,3-Dichloropropane	10.795	76	193137	56.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	170601	177.273	ug/l	96
59) 2-Hexanone	10.831	43	582798	278.925	ug/l	90
60) Dibromochloromethane	10.990	129	140697	58.627	ug/l	99
61) 1,2-Dibromoethane	11.093	107	112932	56.150	ug/l	100
64) Tetrachloroethene	10.721	164	123075	53.742	ug/l	97
65) Chlorobenzene	11.520	112	321264	55.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	132353	58.481	ug/l	98
67) Ethyl Benzene	11.593	91	557439	54.739	ug/l	99
68) m/p-Xylenes	11.703	106	421918	109.003	ug/l	96
69) o-Xylene	12.032	106	212473	55.980	ug/l	97
70) Styrene	12.044	104	372099	57.274	ug/l	97
71) Bromoform	12.209	173	99660	60.767	ug/l #	99
73) Isopropylbenzene	12.331	105	547989	54.142	ug/l	100
74) N-amyl acetate	12.148	43	218235	57.369	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	162293	57.615	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	212223	98.597	ug/l #	100
77) Bromobenzene	12.611	156	140843	56.690	ug/l	96
78) n-propylbenzene	12.672	91	660292	53.700	ug/l	100
79) 2-Chlorotoluene	12.758	91	390121	55.661	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	472299	55.740	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	55887	58.470	ug/l	92
82) 4-Chlorotoluene	12.855	91	403766	55.183	ug/l	99
83) tert-Butylbenzene	13.075	119	420670	56.685	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	478965	56.495	ug/l	98
85) sec-Butylbenzene	13.258	105	595550	53.624	ug/l	100
86) p-Isopropyltoluene	13.373	119	513056	55.304	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	274923	55.779	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	275696	55.928	ug/l	99
89) n-Butylbenzene	13.696	91	459450	52.301	ug/l	97
90) Hexachloroethane	13.965	117	103597	57.861	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	260869	57.335	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	32125	57.423	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	165403	57.745	ug/l	99
94) Hexachlorobutadiene	15.117	225	75300	51.334	ug/l	98
95) Naphthalene	15.239	128	459702	61.549	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	156780	59.302	ug/l	99

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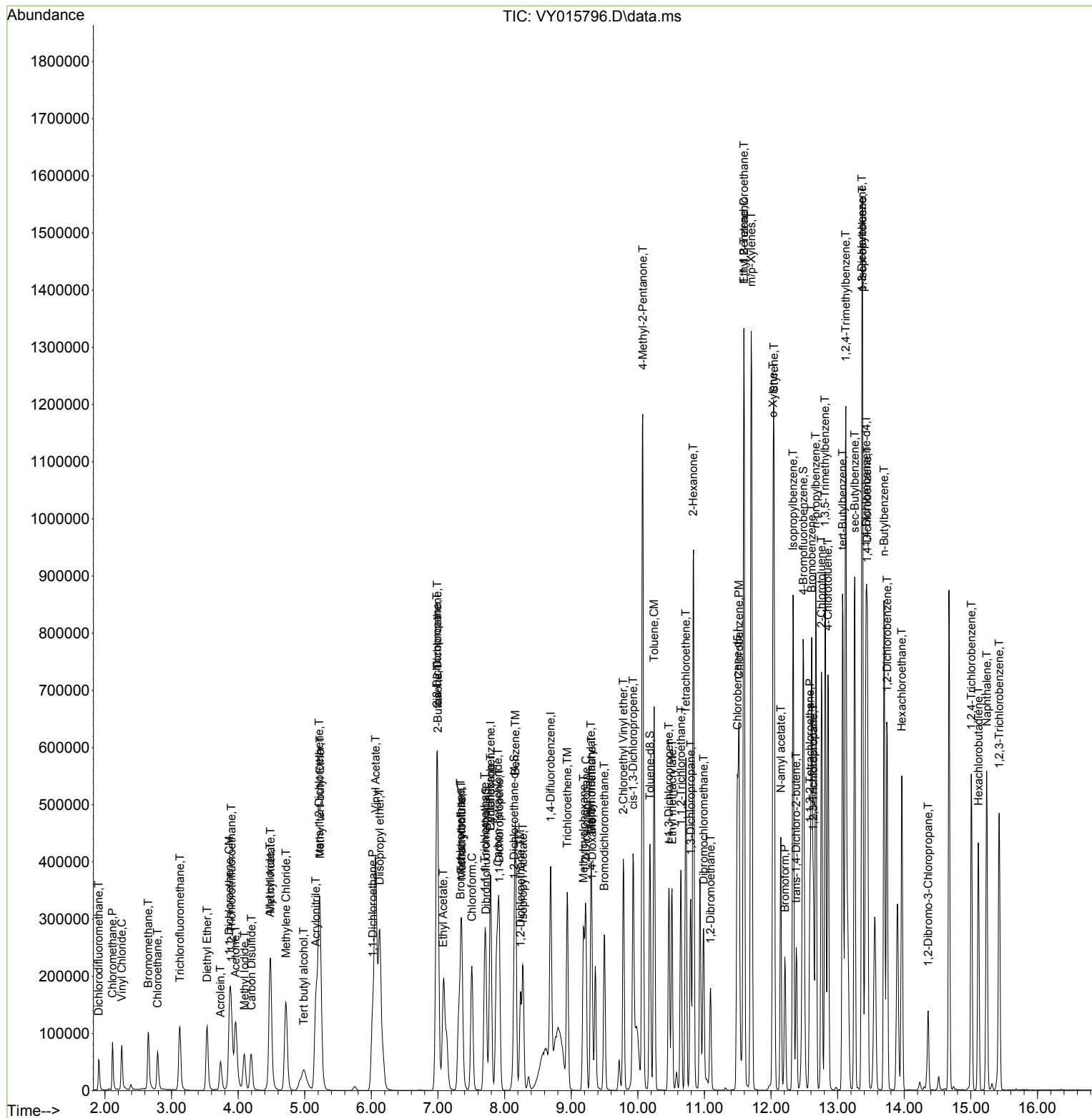
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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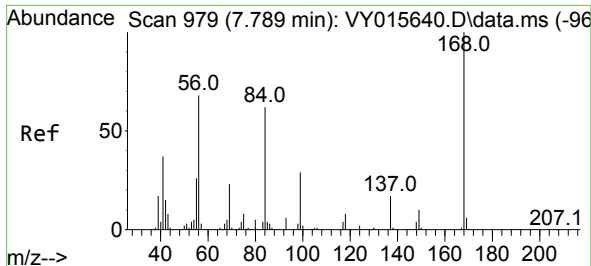
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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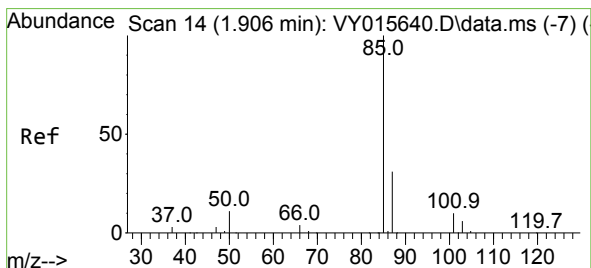
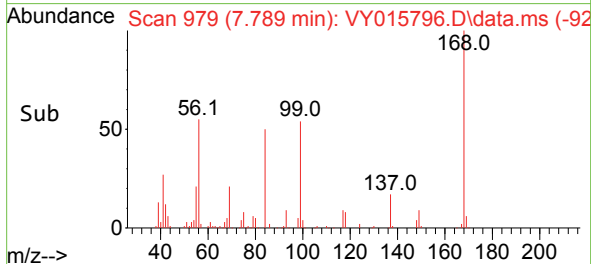
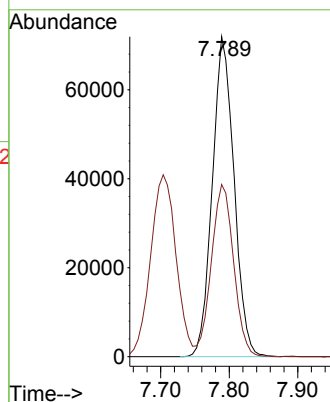
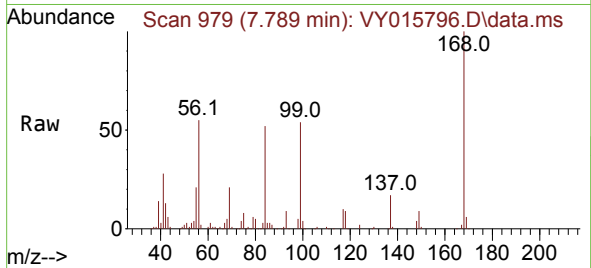




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015796.D
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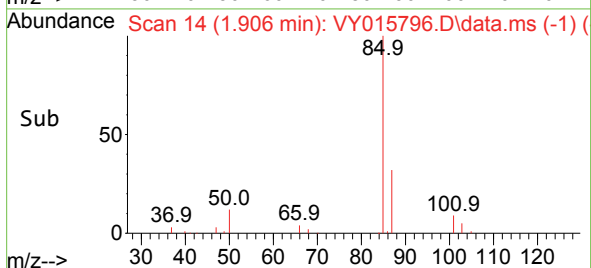
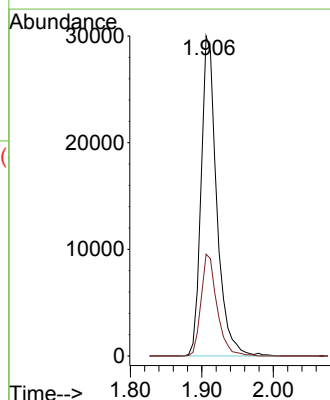
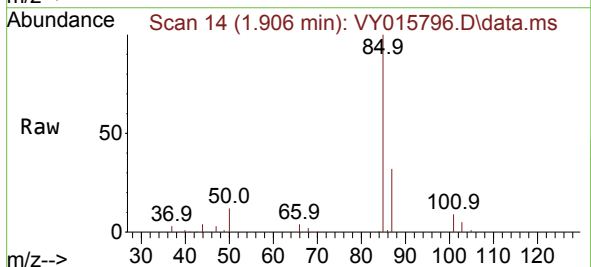
Instrument :
MSVOA_Y
ClientSampleId :

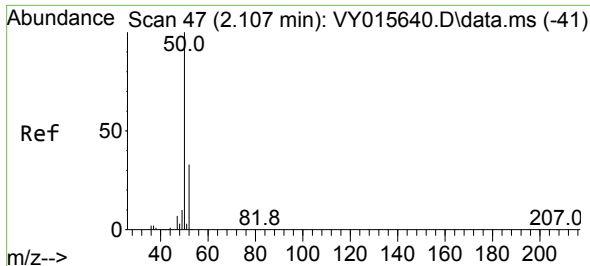
Tgt Ion:168 Resp: 158290
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.550 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 85 Resp: 45440
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8

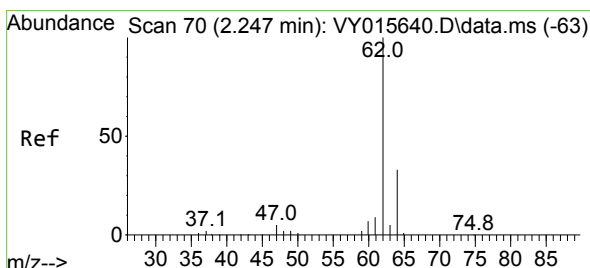
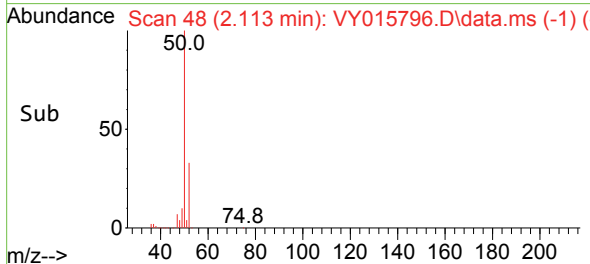
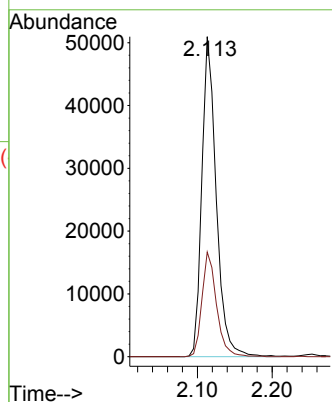
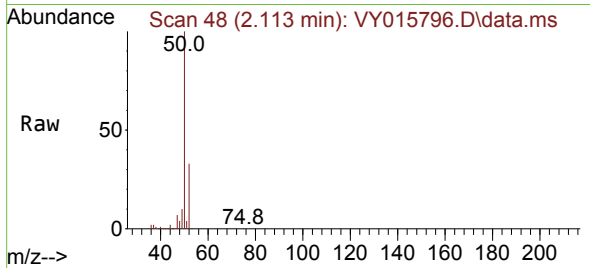




#3
Chloromethane
Concen: 51.818 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

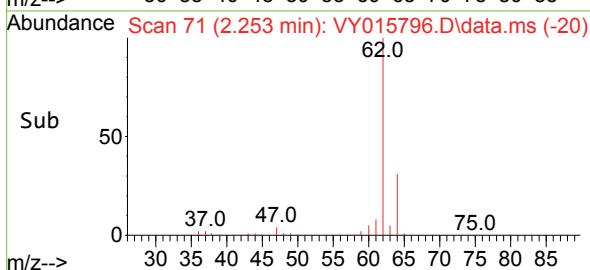
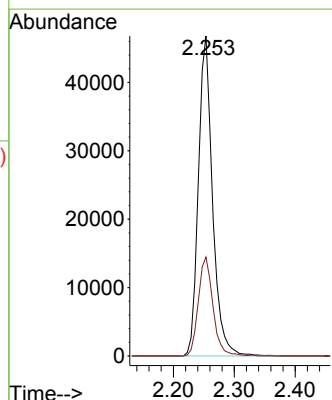
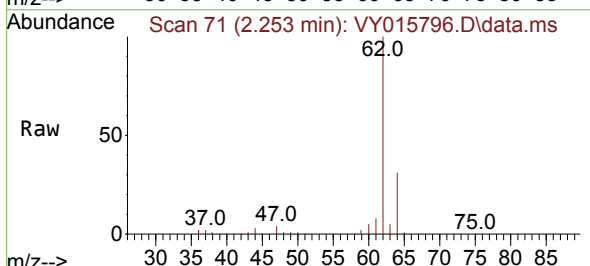
Instrument :
MSVOA_Y
ClientSampleId :

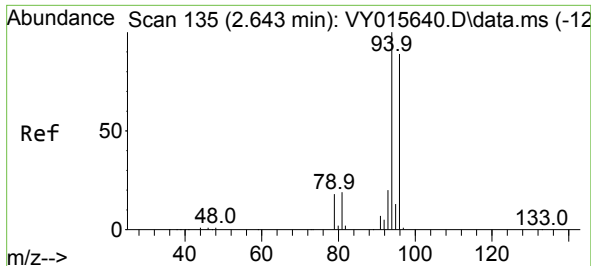
Tgt Ion: 50 Resp: 68209
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 50.182 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 62 Resp: 75525
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





#5

Bromomethane

Concen: 50.104 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

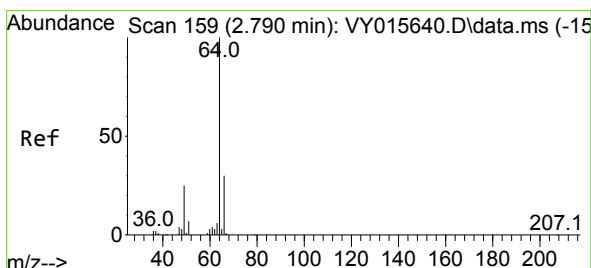
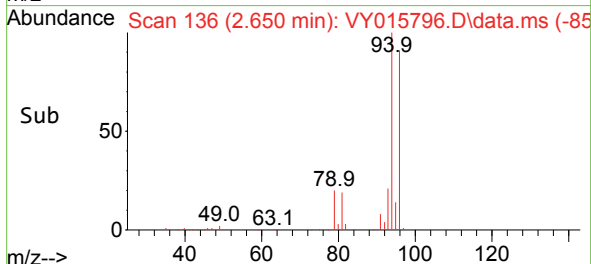
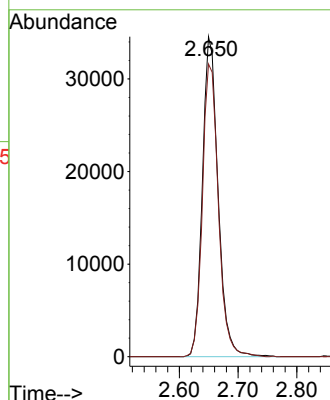
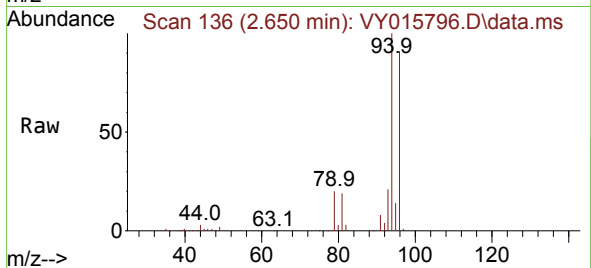
ClientSampleId :

Tgt Ion: 94 Resp: 64080

Ion Ratio Lower Upper

94 100

96 91.5 75.8 113.6



#6

Chloroethane

Concen: 57.223 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015796.D

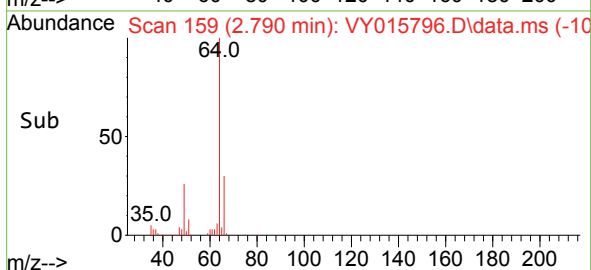
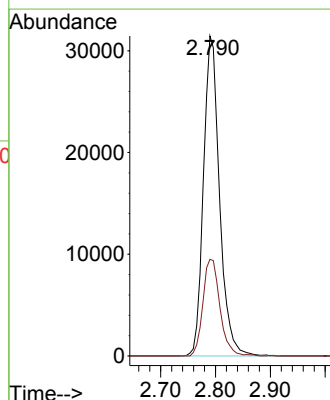
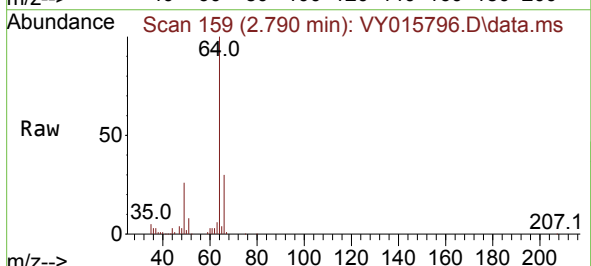
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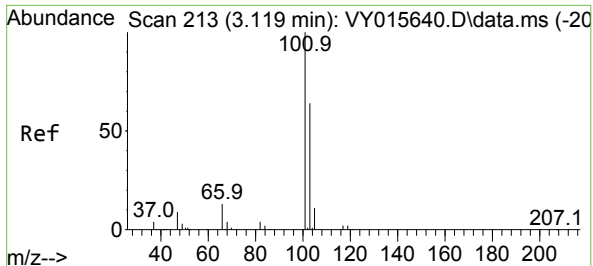
Tgt Ion: 64 Resp: 63834

Ion Ratio Lower Upper

64 100

66 30.2 24.4 36.6

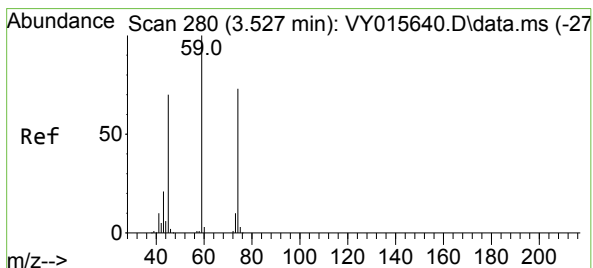
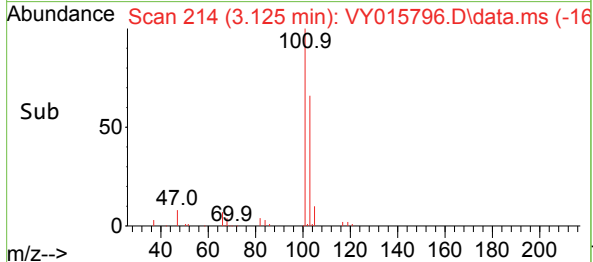
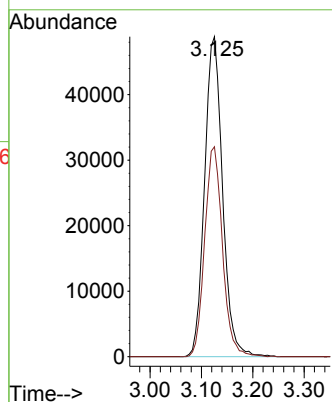
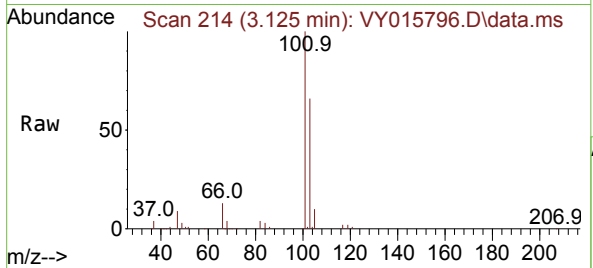




#7
Trichlorofluoromethane
Concen: 47.070 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

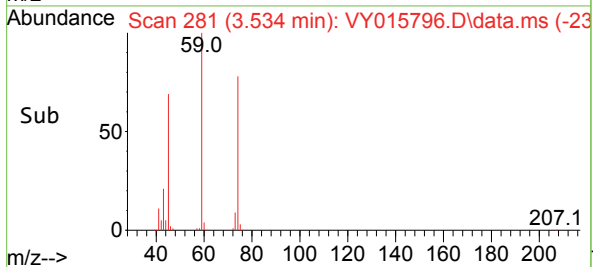
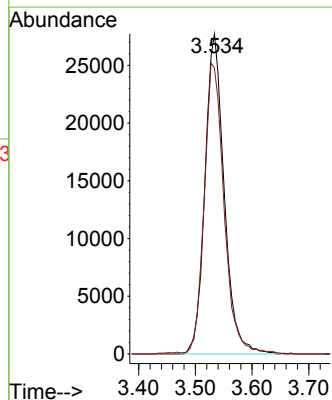
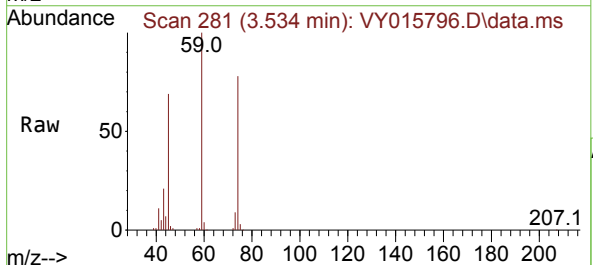
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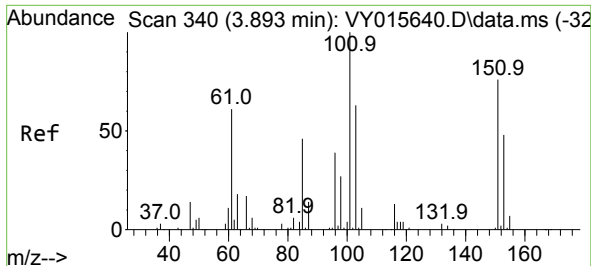
Tgt Ion:101 Resp: 118806
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 60.774 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.013 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 74 Resp: 65415
Ion Ratio Lower Upper
74 100
45 93.7 51.5 154.5

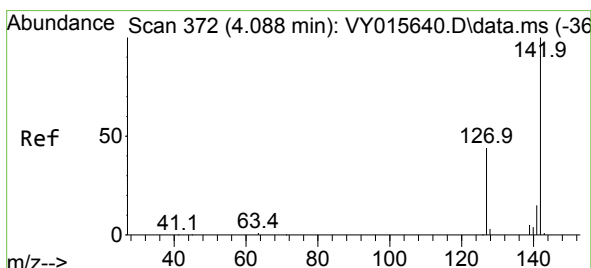
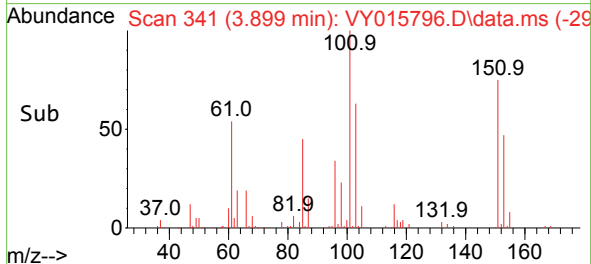
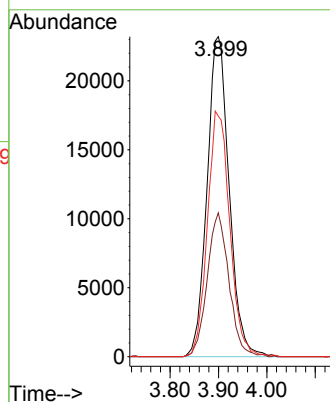
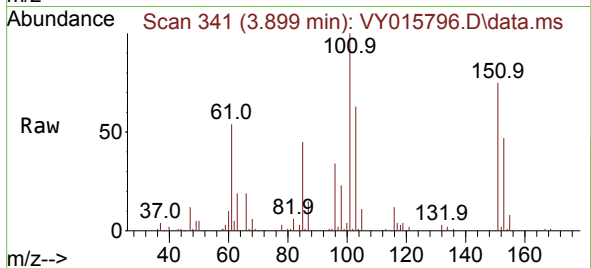




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.591 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

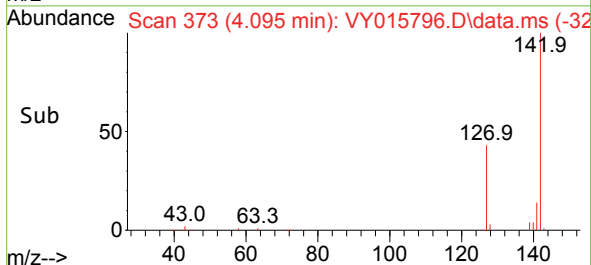
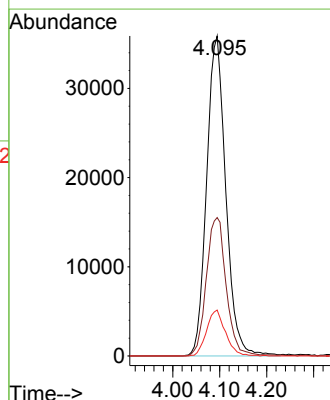
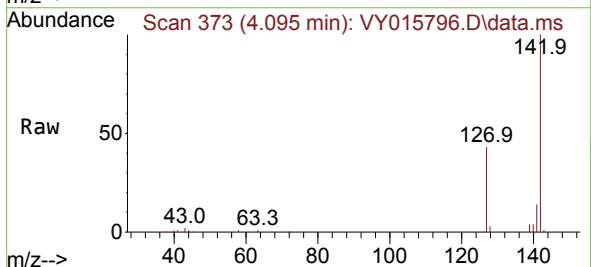
Instrument :
MSVOA_Y
ClientSampleId :

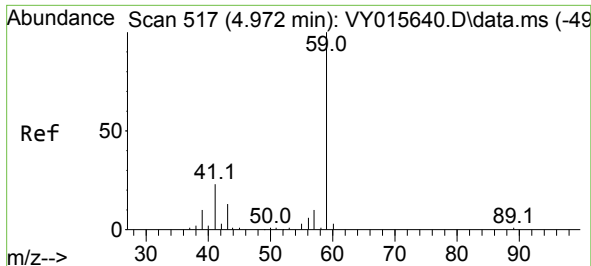
Tgt Ion:101 Resp: 73630
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 54.307 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion:142 Resp: 101384
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.1 11.8 17.8

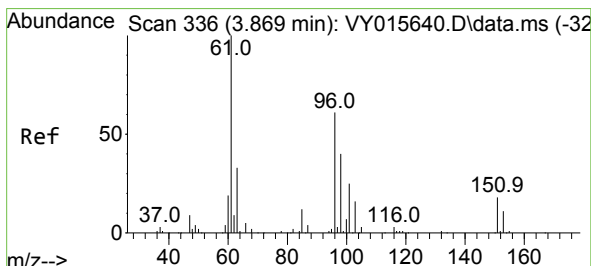
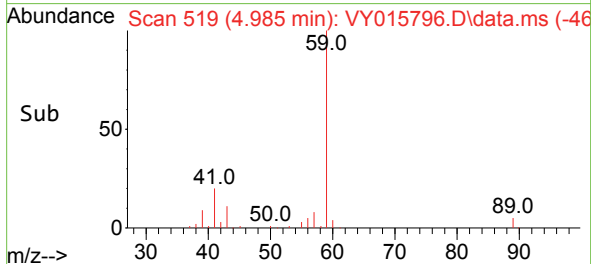
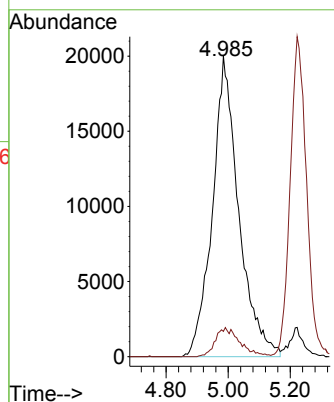
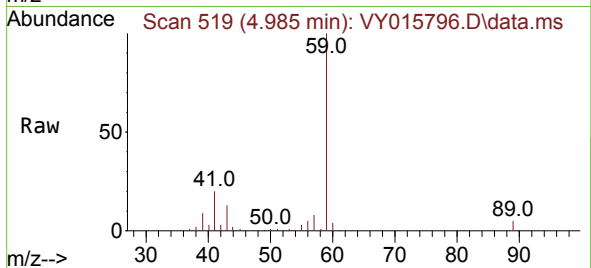




#11
Tert butyl alcohol
Concen: 327.387 ug/l
RT: 4.985 min Scan# 517
Delta R.T. 0.031 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

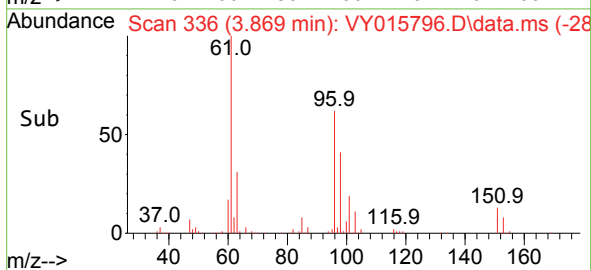
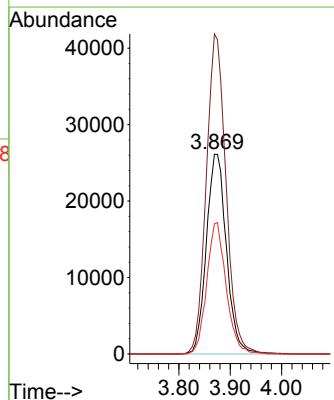
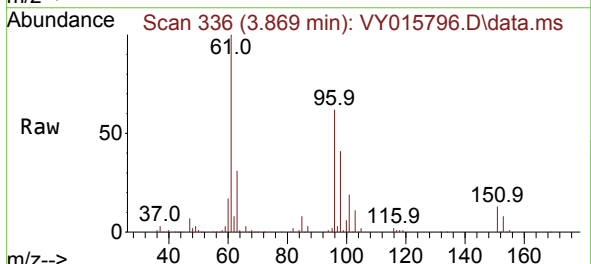
Instrument :
MSVOA_Y
ClientSampleId :

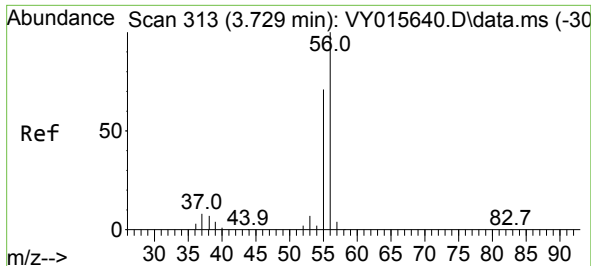
Tgt Ion: 59 Resp: 117506
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.933 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 96 Resp: 70928
Ion Ratio Lower Upper
96 100
61 160.2 136.4 204.6
98 65.2 49.4 74.2





#13

Acrolein

Concen: 238.547 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

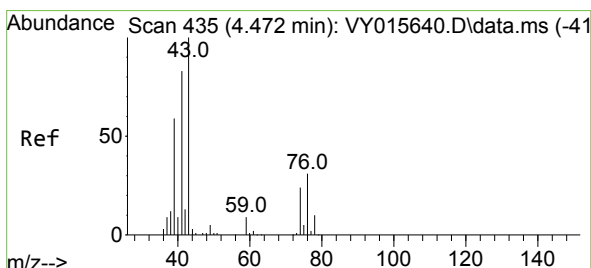
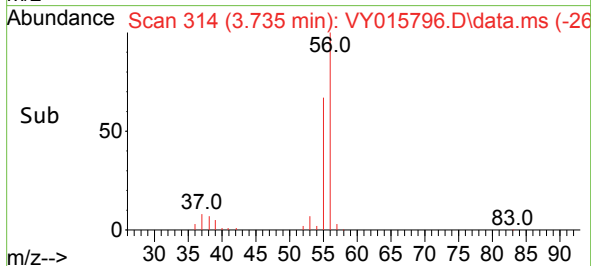
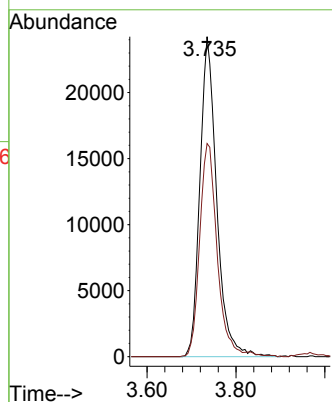
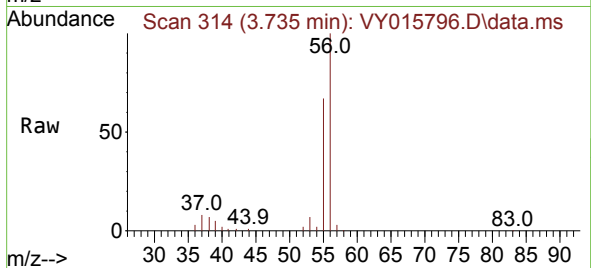
ClientSampleId :

Tgt Ion: 56 Resp: 63627

Ion Ratio Lower Upper

56 100

55 68.9 57.0 85.4



#14

Allyl chloride

Concen: 56.981 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

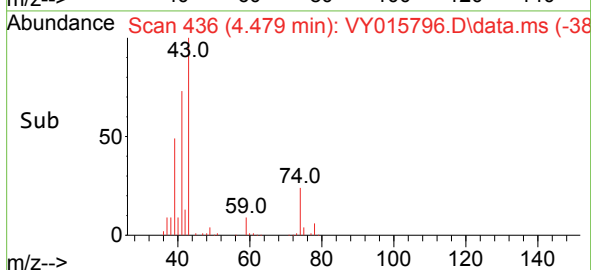
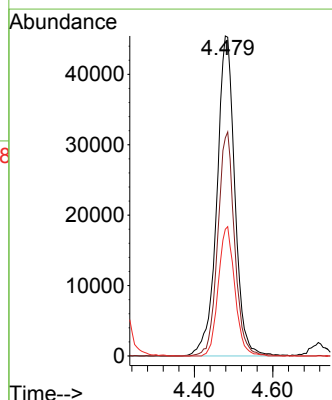
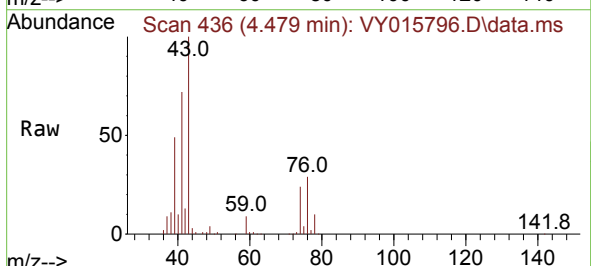
Tgt Ion: 41 Resp: 145082

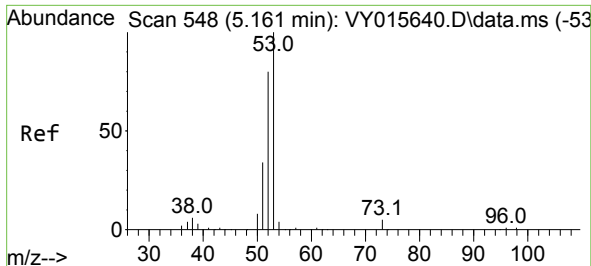
Ion Ratio Lower Upper

41 100

39 65.4 58.0 87.0

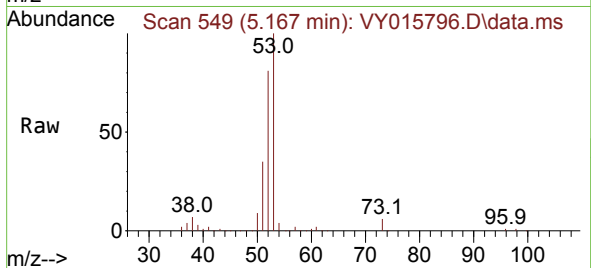
76 37.1 27.4 41.2



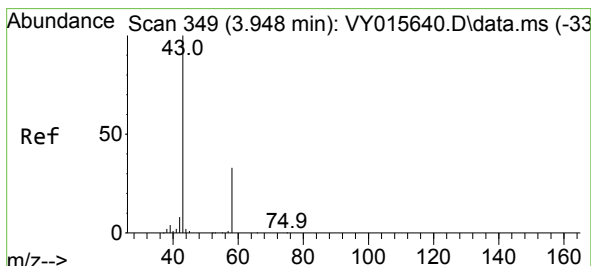
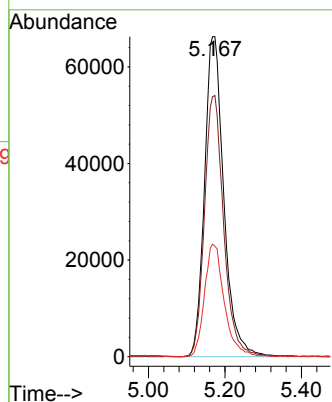


#15
Acrylonitrile
Concen: 294.539 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Instrument :
MSVOA_Y
ClientSampleId :

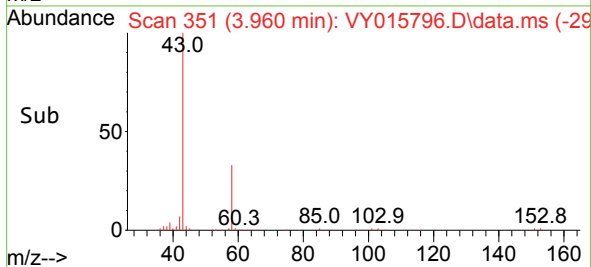
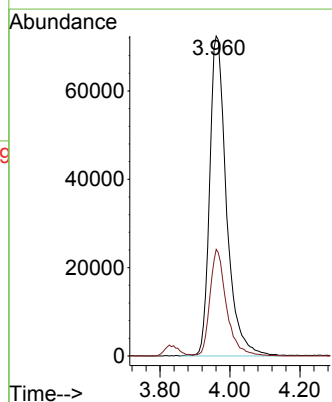
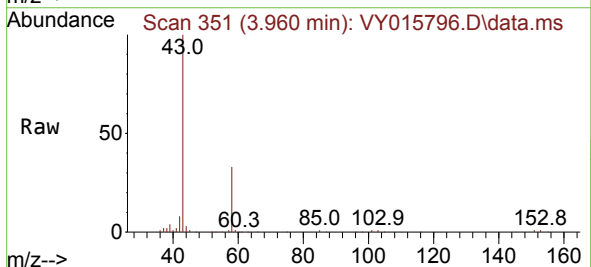


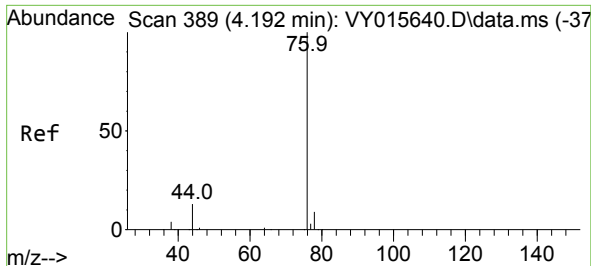
Tgt Ion: 53 Resp: 232569
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 259.919 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 43 Resp: 242256
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1

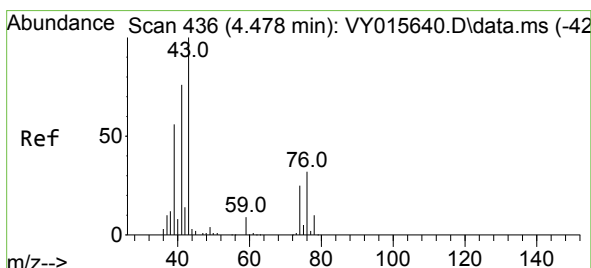
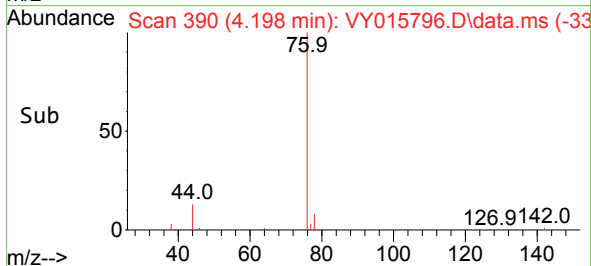
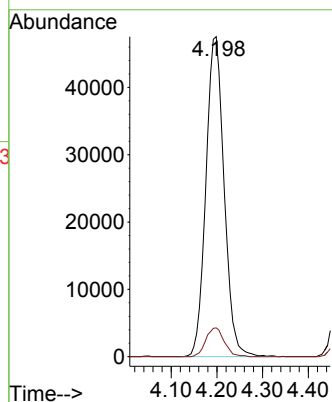
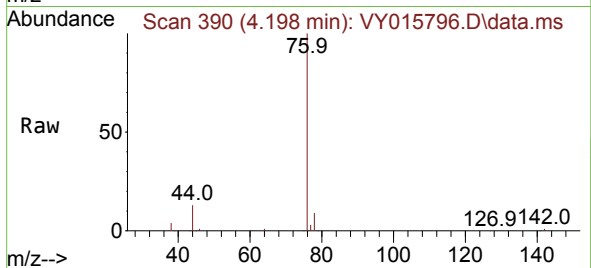




#17
Carbon Disulfide
Concen: 48.626 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

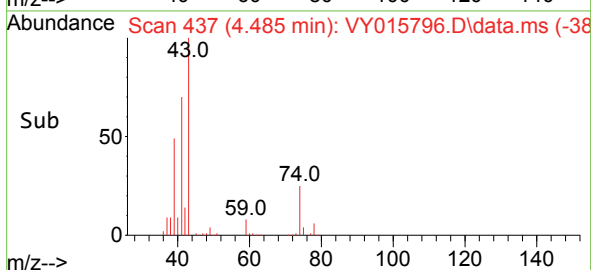
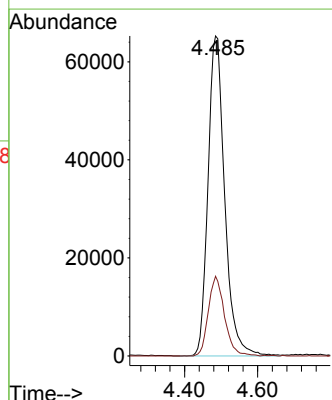
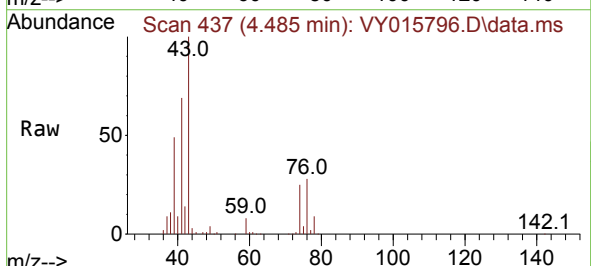
Instrument :
MSVOA_Y
ClientSampleId :

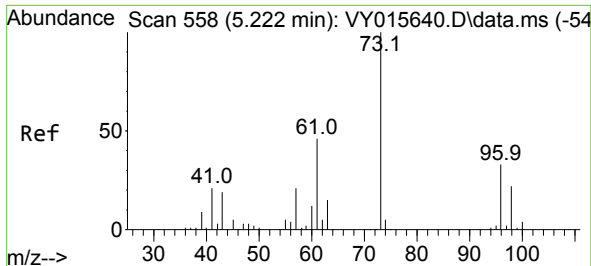
Tgt Ion: 76 Resp: 131548
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 66.133 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 43 Resp: 206812
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0

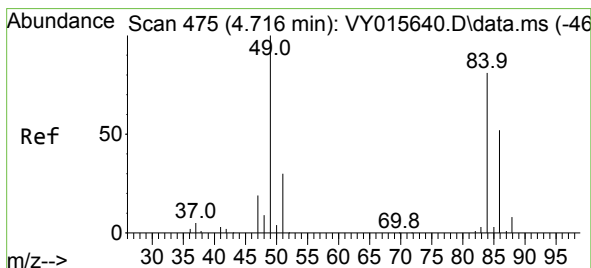
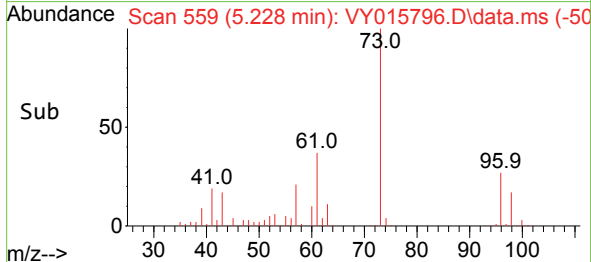
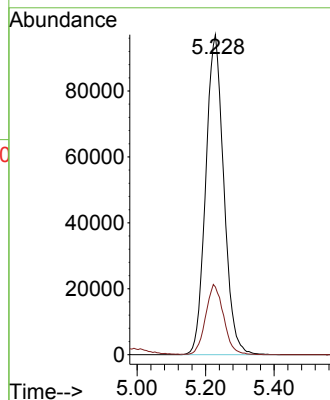
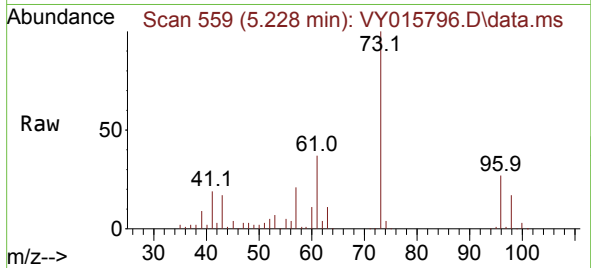




#19
Methyl tert-butyl Ether
Concen: 62.795 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

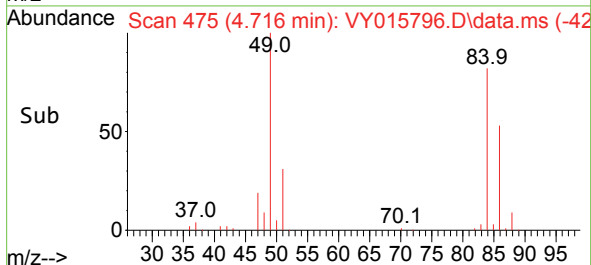
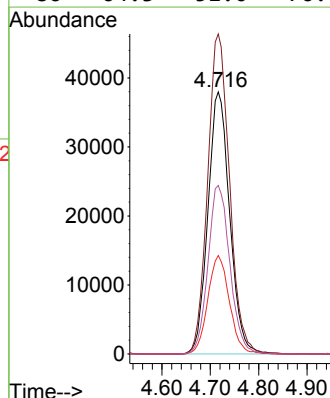
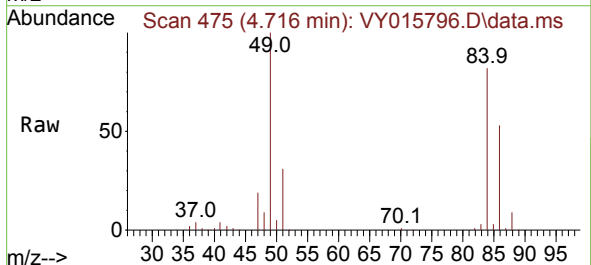
Instrument :
MSVOA_Y
ClientSampleId :

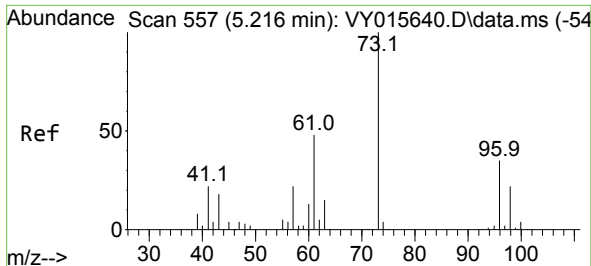
Tgt Ion: 73 Resp: 356159
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 58.999 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 84 Resp: 118649
Ion Ratio Lower Upper
84 100
49 122.1 106.9 160.3
51 37.5 33.2 49.8
86 64.3 51.0 76.6

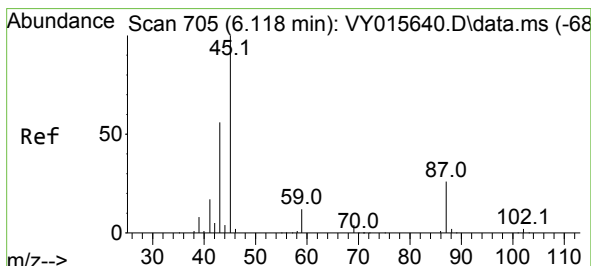
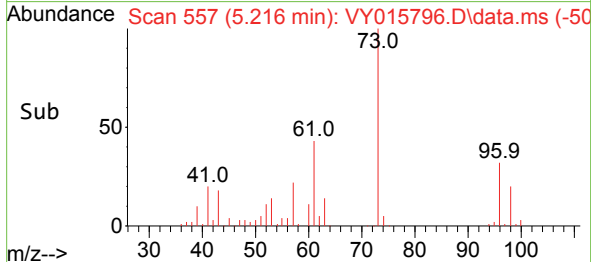
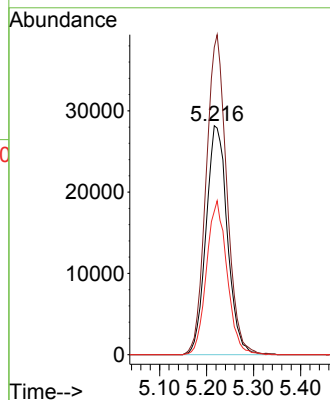
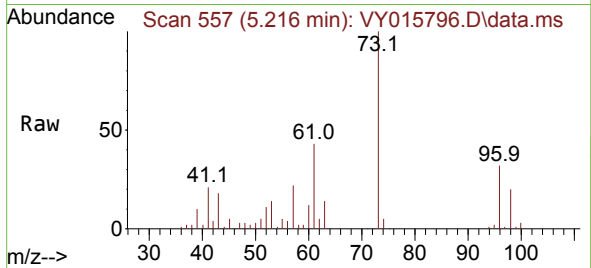




#21
trans-1,2-Dichloroethene
Concen: 55.725 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

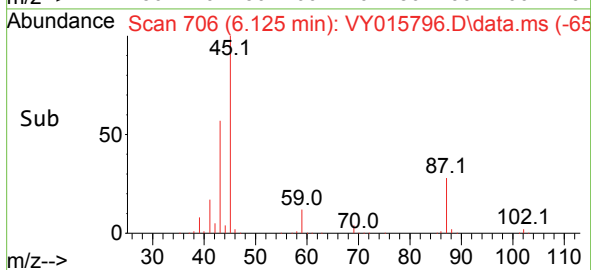
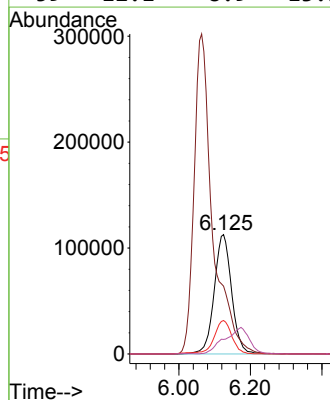
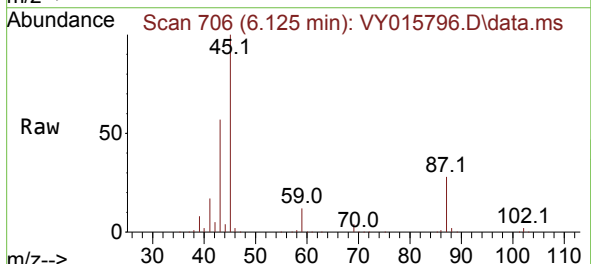
Instrument :
MSVOA_Y
ClientSampleId :

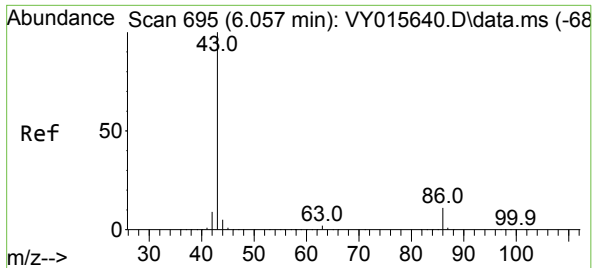
Tgt Ion: 96 Resp: 88700
Ion Ratio Lower Upper
96 100
61 134.3 110.2 165.4
98 62.6 51.8 77.6



#22
Diisopropyl ether
Concen: 61.983 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 45 Resp: 379802
Ion Ratio Lower Upper
45 100
43 56.6 52.2 78.4
87 28.1 21.0 31.6
59 12.1 8.9 13.3

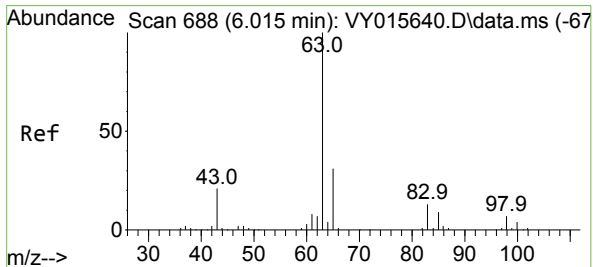
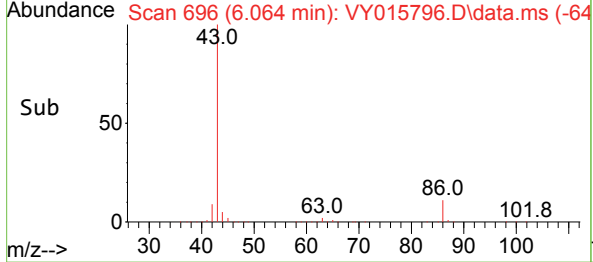
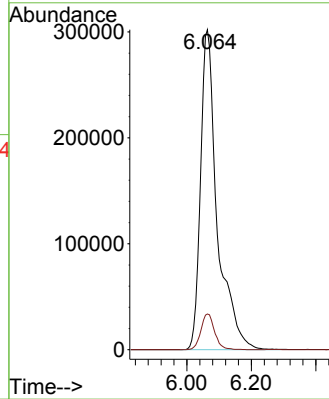
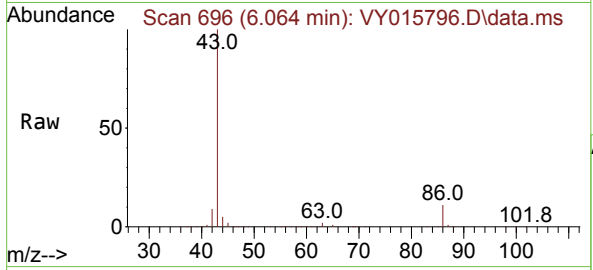




#23
 Vinyl Acetate
 Concen: 287.271 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.013 min
 Lab File: VY015796.D
 Acq: 03 Oct 2023 10:00

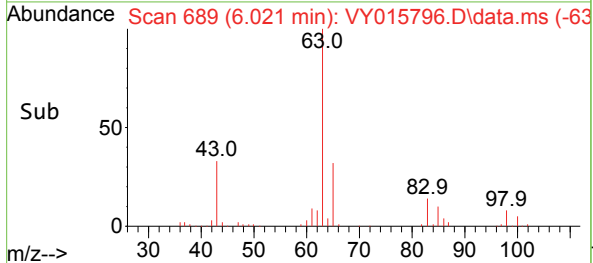
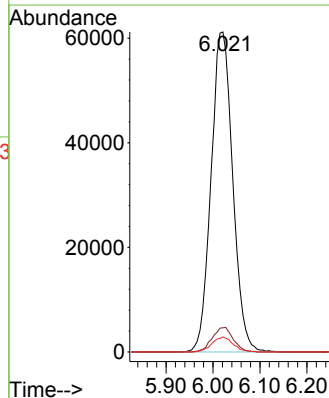
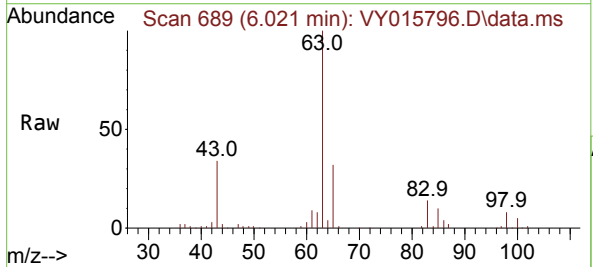
Instrument :
 MSVOA_Y
 ClientSampleId :

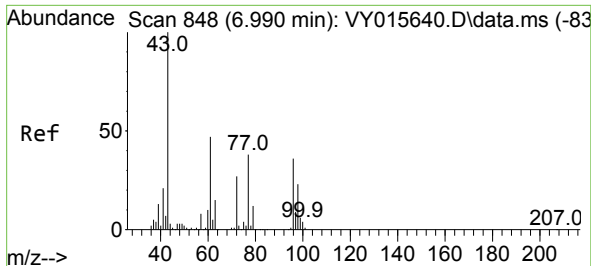
Tgt Ion: 43 Resp: 1086494
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 58.645 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015796.D
 Acq: 03 Oct 2023 10:00

Tgt Ion: 63 Resp: 195867
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.7 1.8 5.5

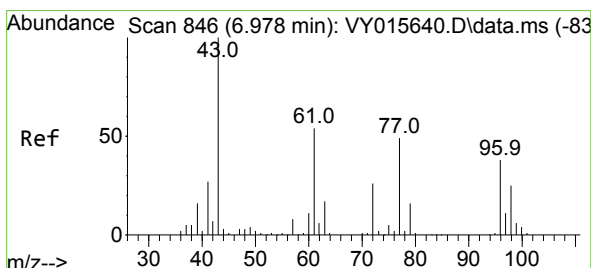
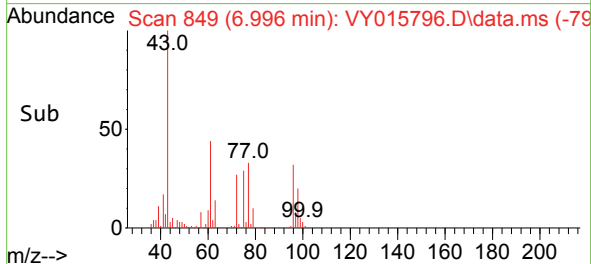
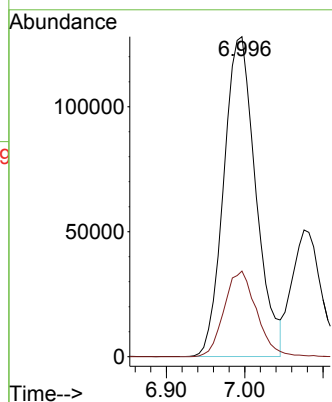
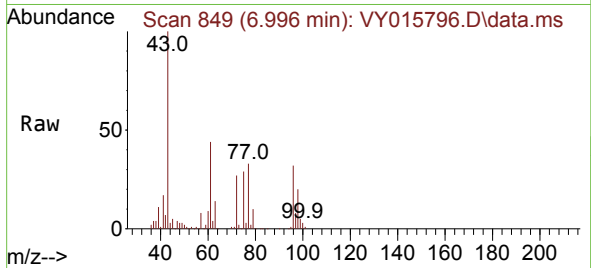




#25
2-Butanone
Concen: 276.532 ug/l
RT: 6.996 min Scan# 84
Delta R.T. 0.018 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

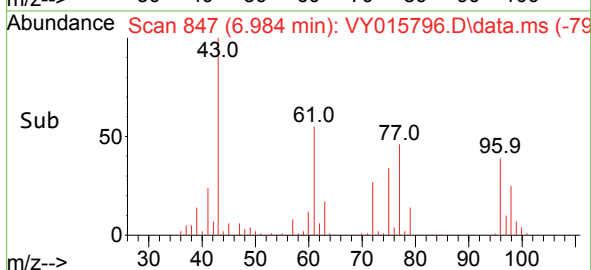
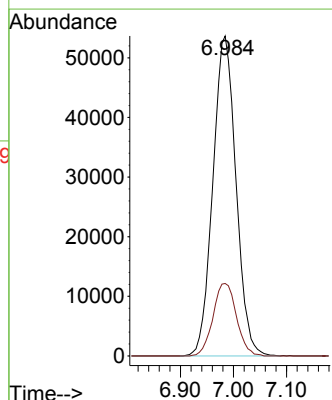
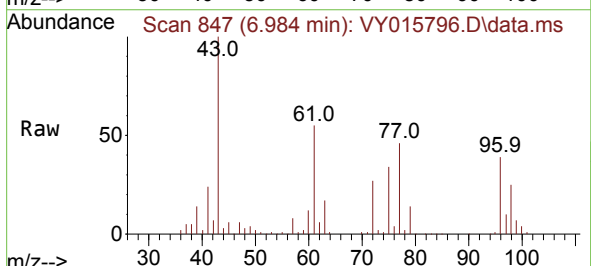
Instrument :
MSVOA_Y
ClientSampleId :

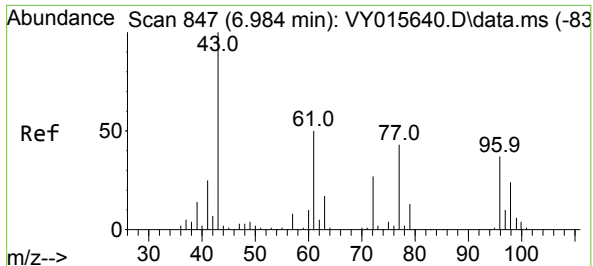
Tgt Ion: 43 Resp: 364307
Ion Ratio Lower Upper
43 100
72 26.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 53.206 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 77 Resp: 162419
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 59.774 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

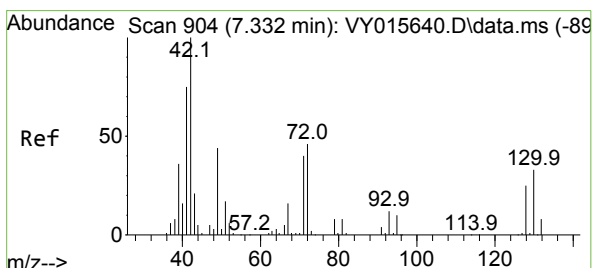
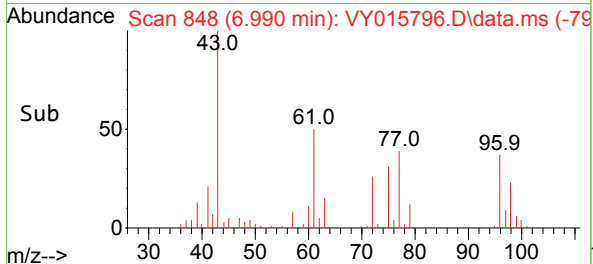
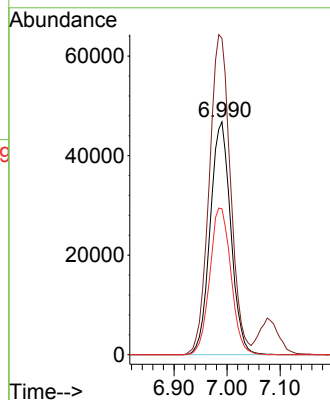
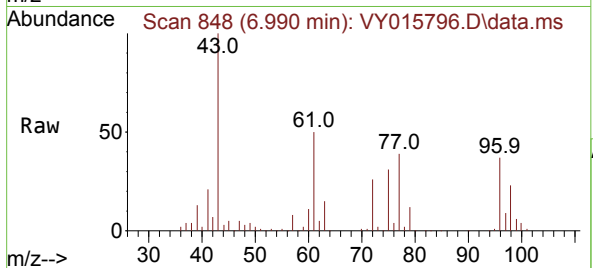
Tgt Ion: 96 Resp: 126311

Ion Ratio Lower Upper

96 100

61 141.8 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 42.129 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

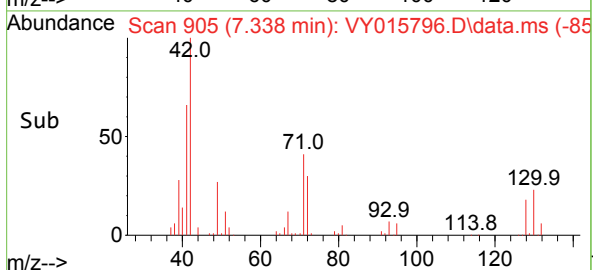
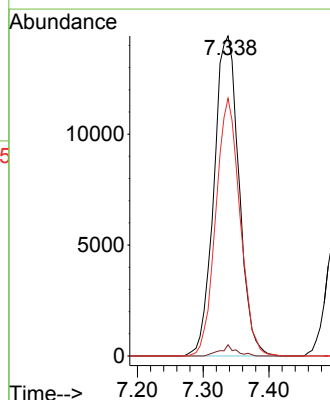
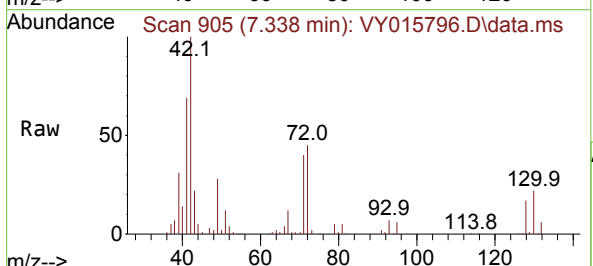
Tgt Ion: 49 Resp: 38175

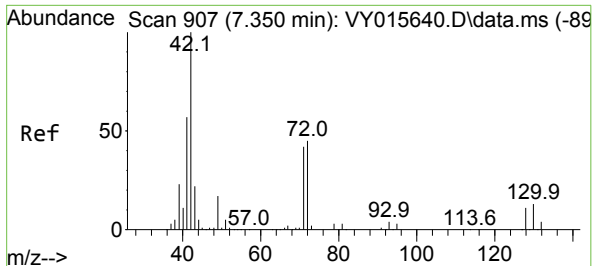
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 77.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 296.904 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

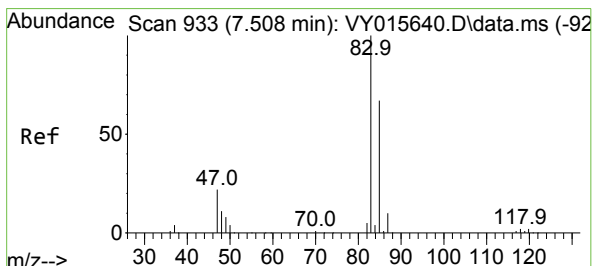
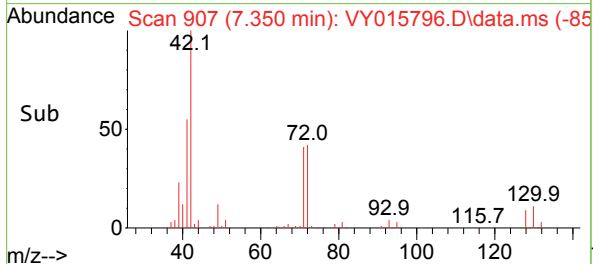
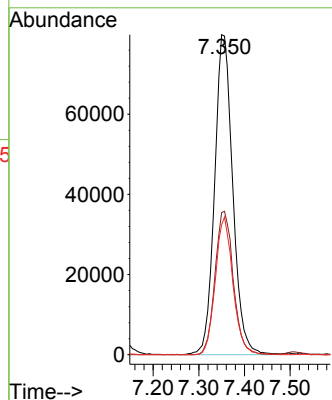
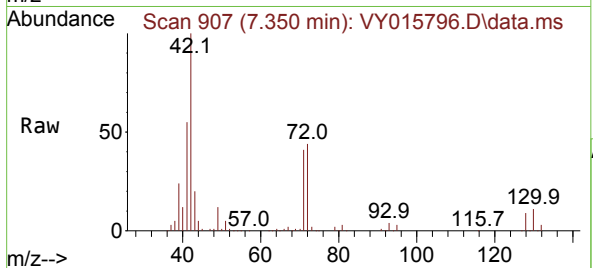
Tgt Ion: 42 Resp: 221079

Ion Ratio Lower Upper

42 100

72 45.0 32.8 49.2

71 41.7 31.0 46.4



#30

Chloroform

Concen: 60.470 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.013 min

Lab File: VY015796.D

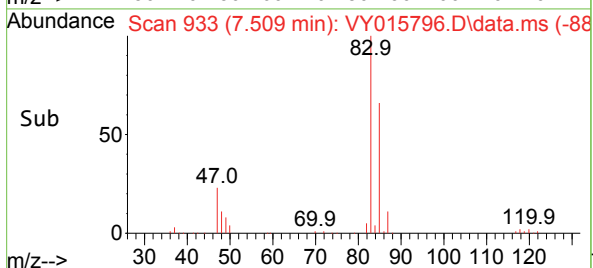
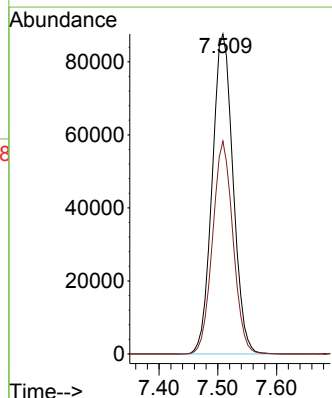
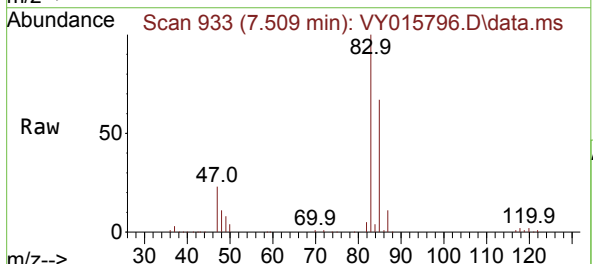
Acq: 03 Oct 2023 10:00

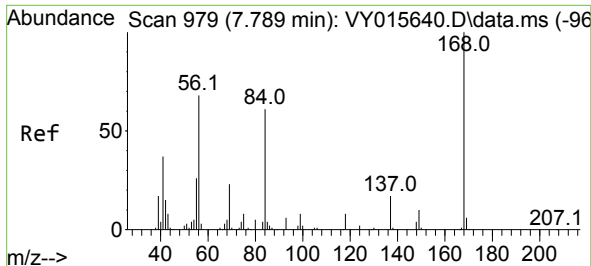
Tgt Ion: 83 Resp: 216284

Ion Ratio Lower Upper

83 100

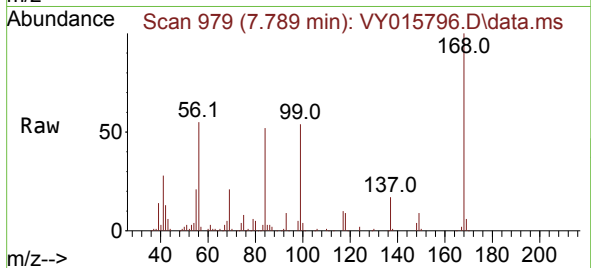
85 66.5 49.7 74.5



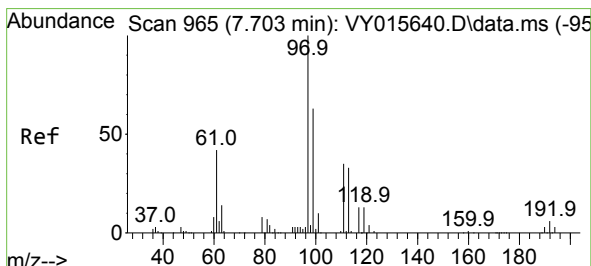
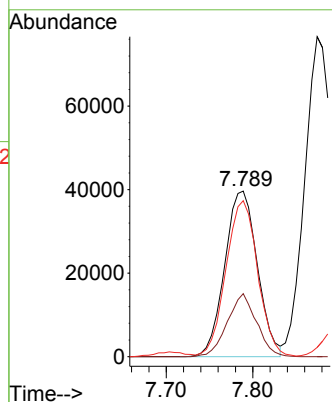
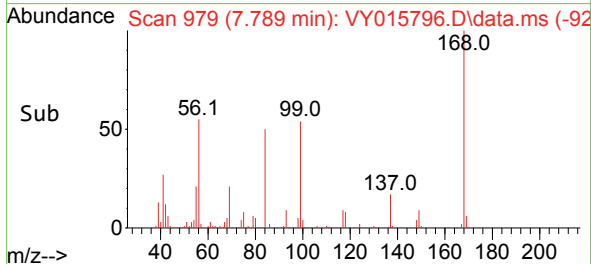


#31
Cyclohexane
Concen: 43.008 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

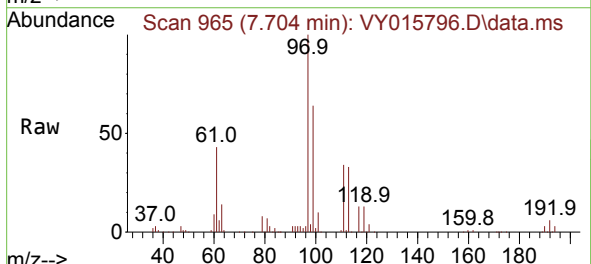
Instrument :
MSVOA_Y
ClientSampleId :



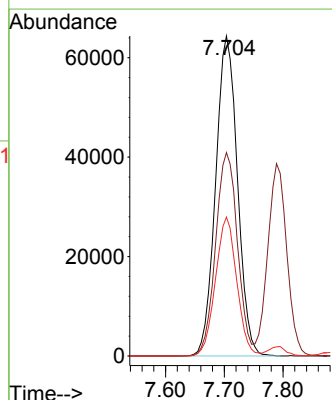
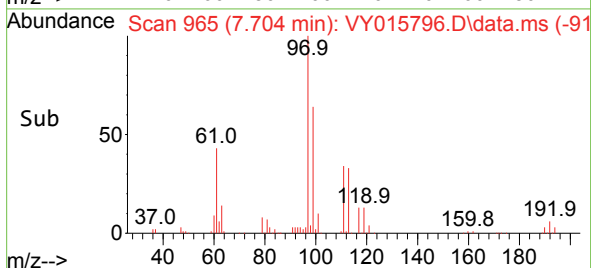
Tgt Ion: 56 Resp: 103765
Ion Ratio Lower Upper
56 100
69 38.1 27.8 41.6
84 91.7 66.4 99.6

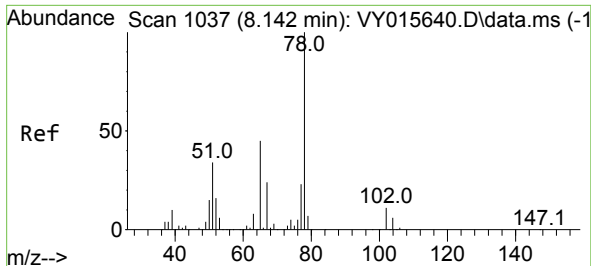


#32
1,1,1-Trichloroethane
Concen: 56.279 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00



Tgt Ion: 97 Resp: 166172
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.4 35.1 52.7

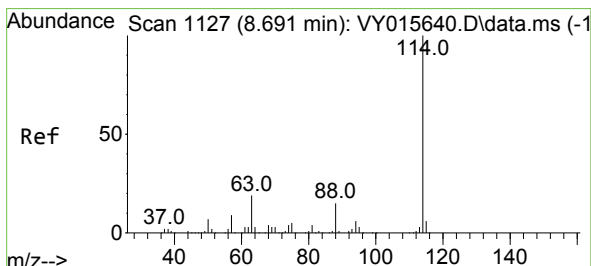
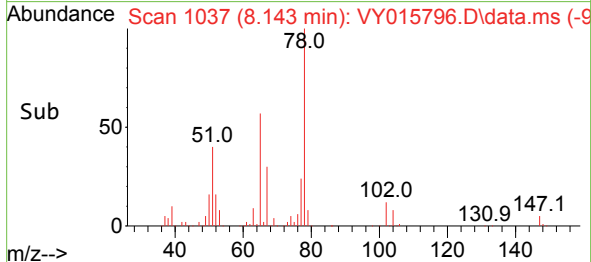
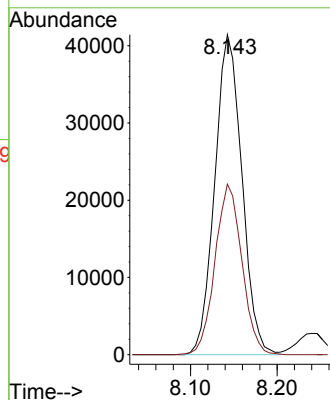
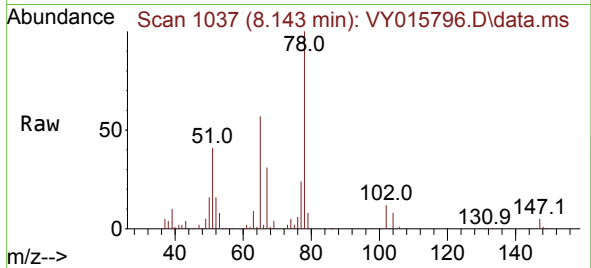




#33
1,2-Dichloroethane-d4
Concen: 51.805 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

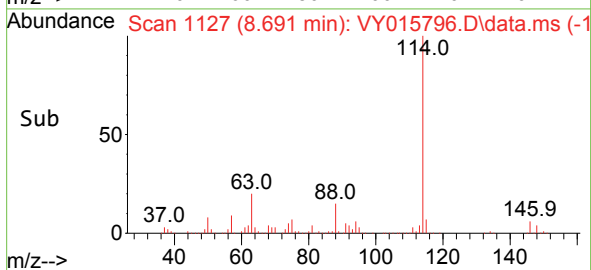
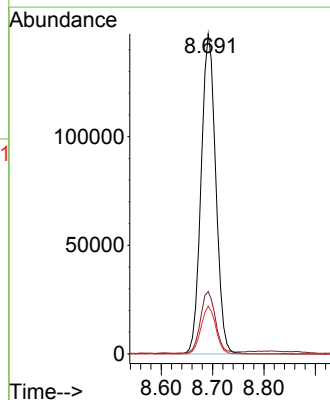
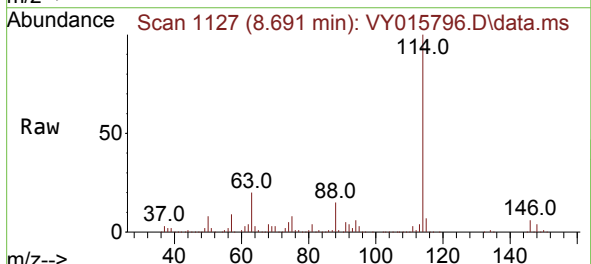
Instrument :
MSVOA_Y
ClientSampleId :

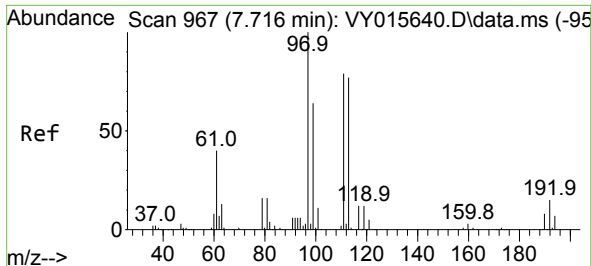
Tgt Ion: 65 Resp: 90225
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 114 Resp: 291399
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 14.9 0.0 30.6

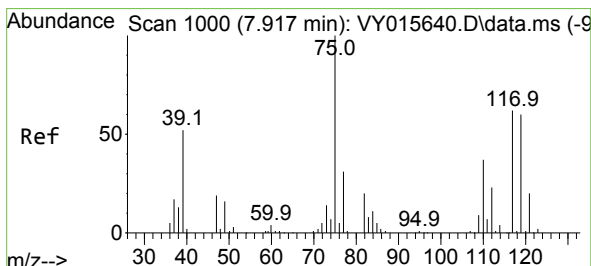
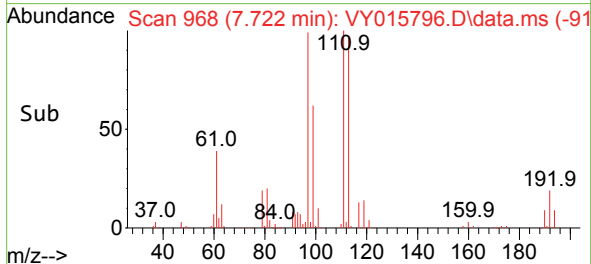
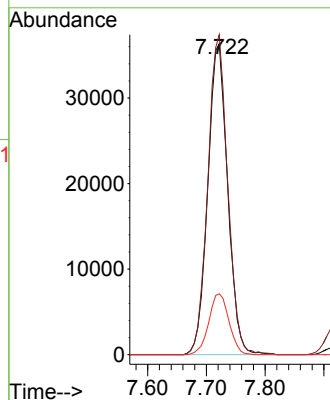
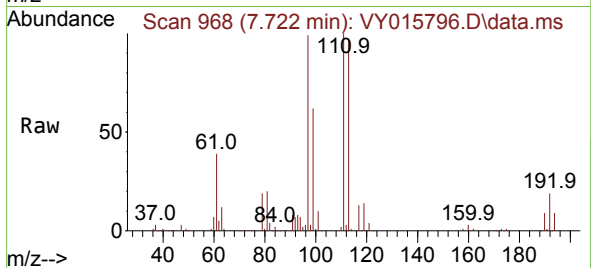




#35
Dibromofluoromethane
Concen: 48.880 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

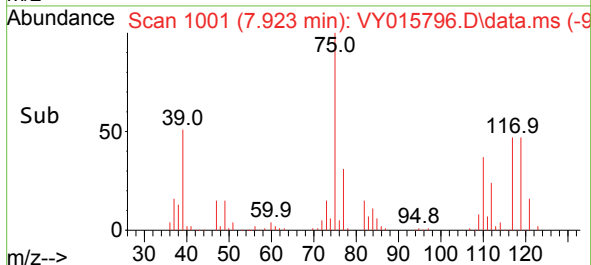
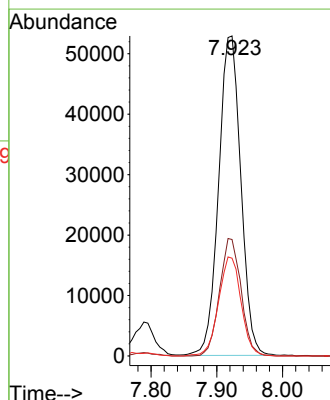
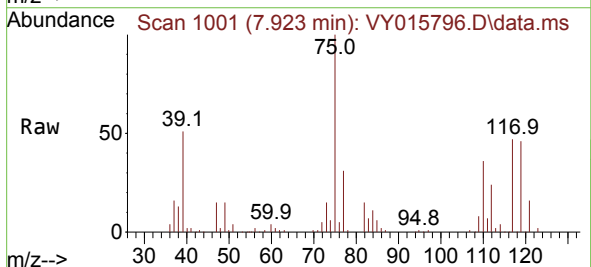
Instrument :
MSVOA_Y
ClientSampleId :

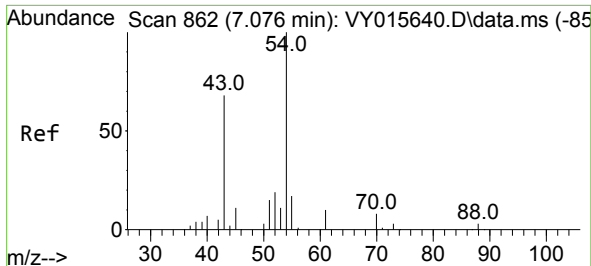
Tgt Ion:113 Resp: 85253
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.111 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 75 Resp: 124070
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.5 24.4 36.6

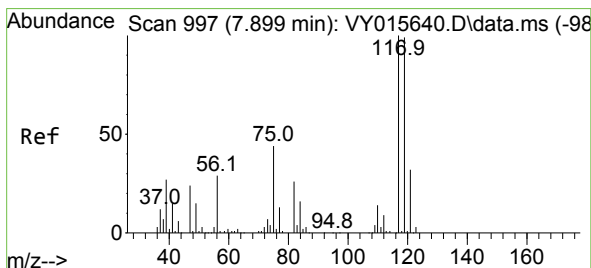
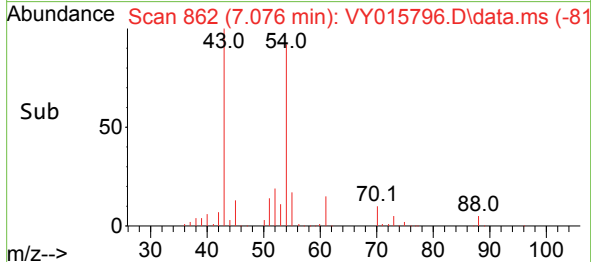
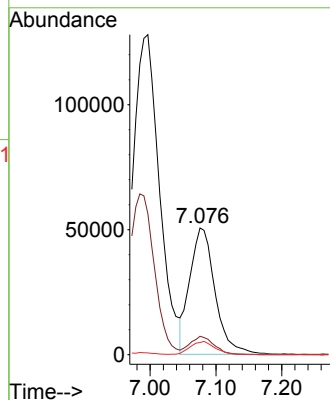
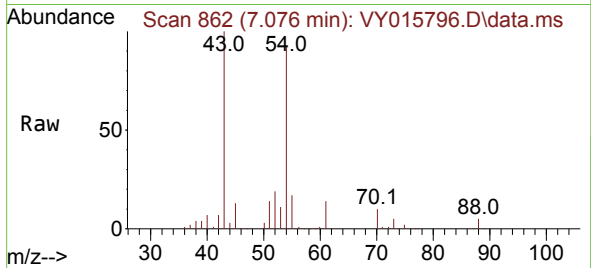




#37
Ethyl Acetate
Concen: 52.331 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.013 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

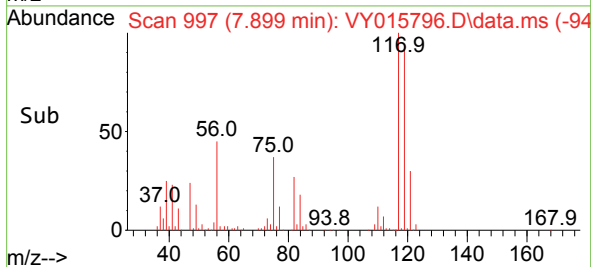
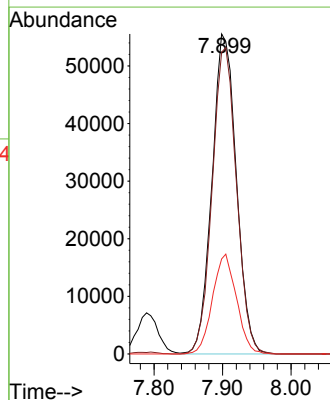
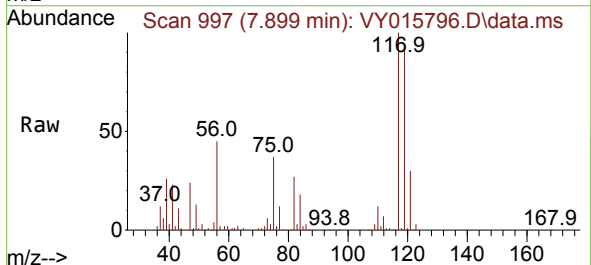
Instrument :
MSVOA_Y
ClientSampleId :

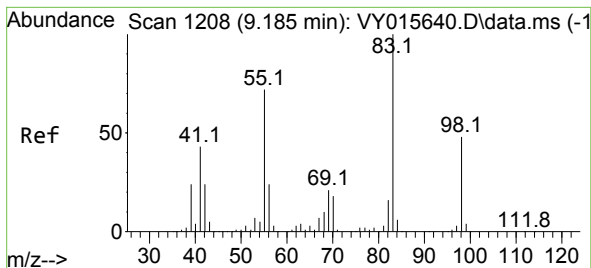
Tgt Ion: 43 Resp: 134609
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.076 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 117 Resp: 137375
Ion Ratio Lower Upper
117 100
119 94.3 76.4 114.6
121 29.7 25.8 38.6





#39

Methylcyclohexane

Concen: 41.071 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

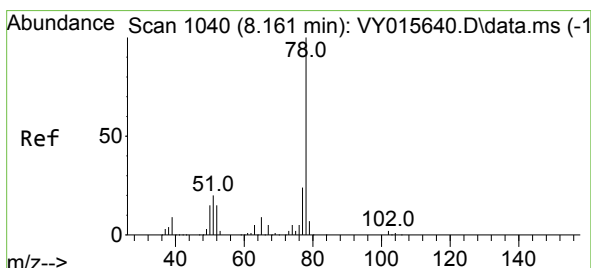
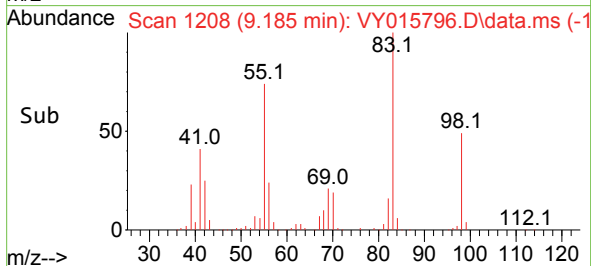
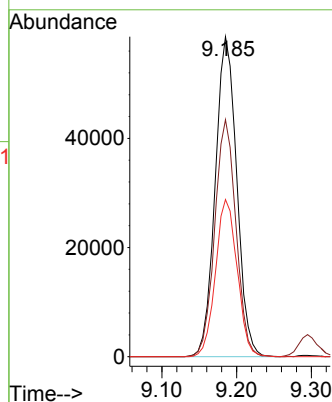
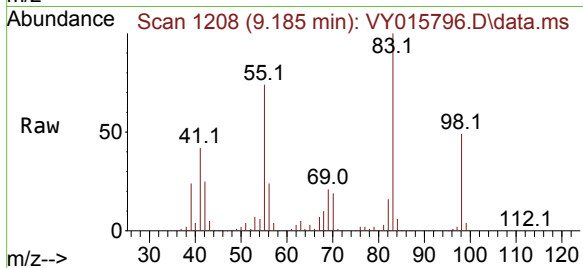
Tgt Ion: 83 Resp: 117147

Ion Ratio Lower Upper

83 100

55 74.1 63.0 94.4

98 49.1 37.4 56.2



#40

Benzene

Concen: 53.435 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015796.D

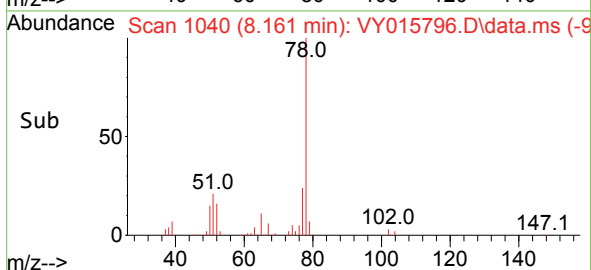
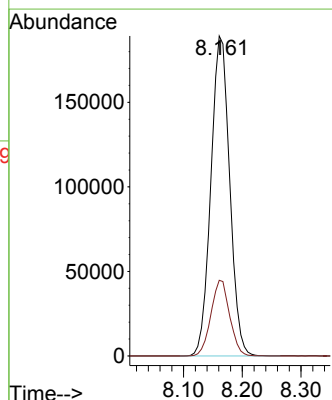
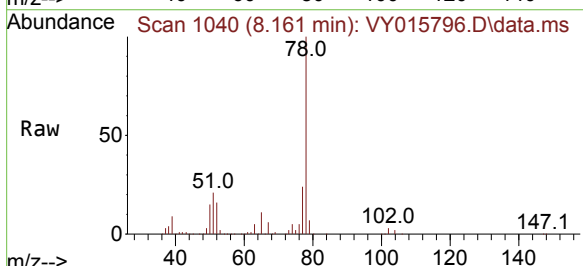
Acq: 03 Oct 2023 10:00

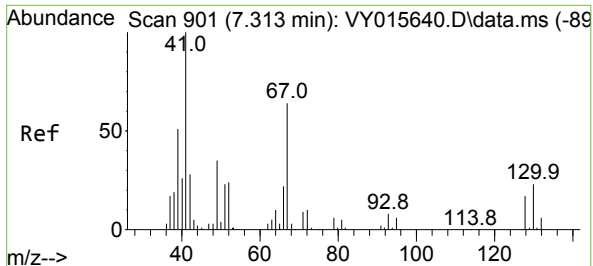
Tgt Ion: 78 Resp: 420231

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

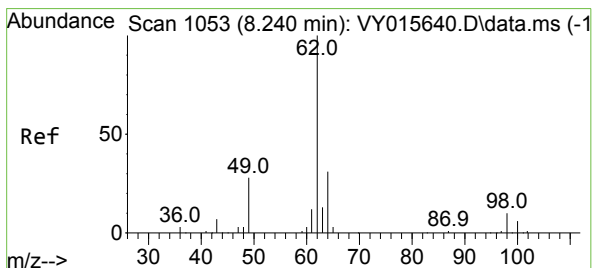
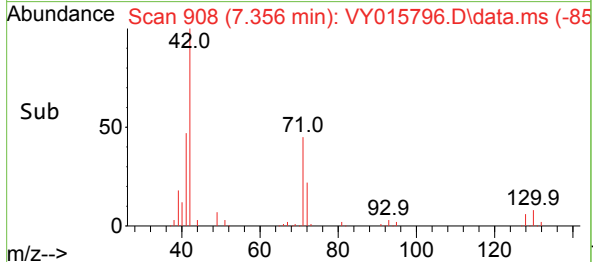
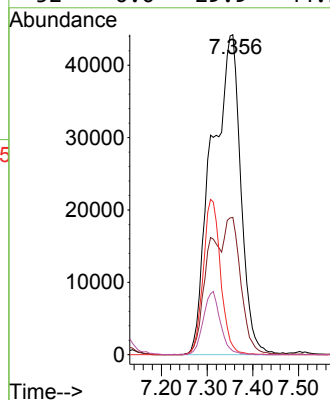
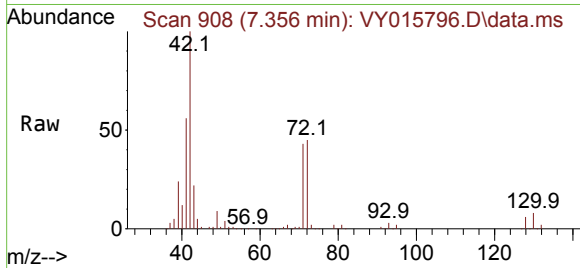




#41
Methacrylonitrile
Concen: 140.143 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

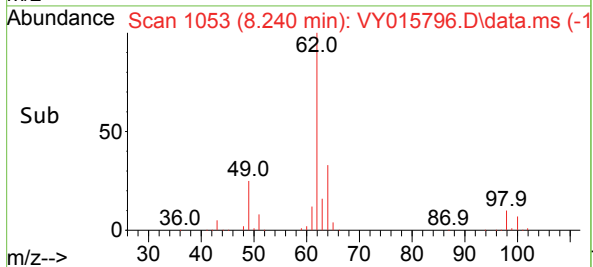
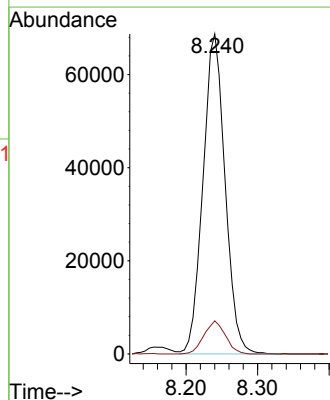
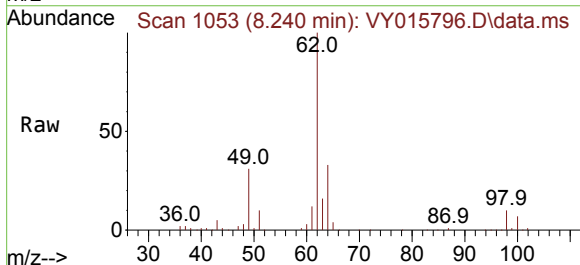
Instrument :
MSVOA_Y
ClientSampleId :

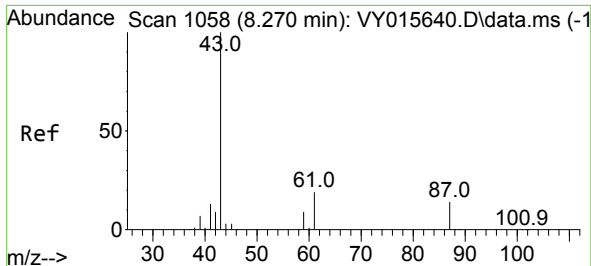
Tgt Ion: 41 Resp: 194100
Ion Ratio Lower Upper
41 100
39 24.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.744 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 62 Resp: 147444
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

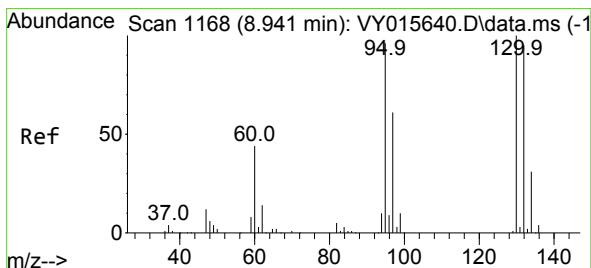
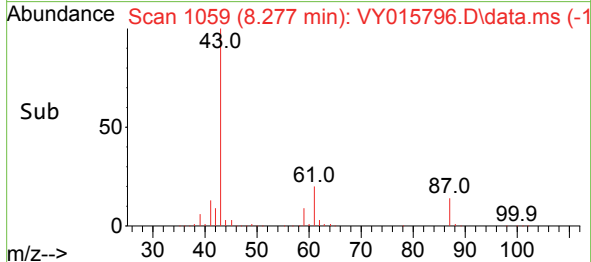
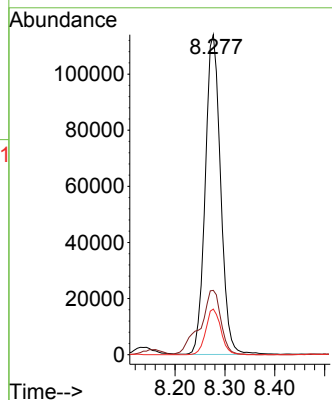
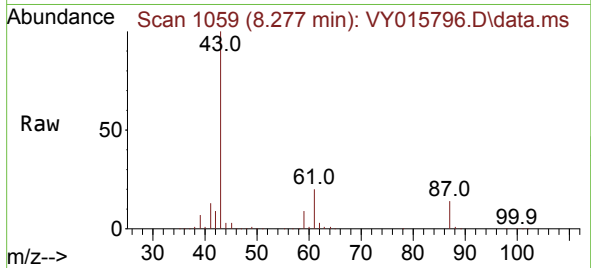




#43
Isopropyl Acetate
Concen: 55.512 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.013 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

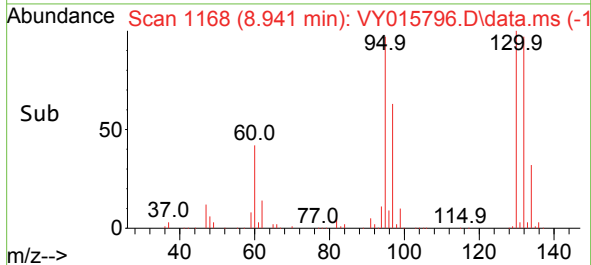
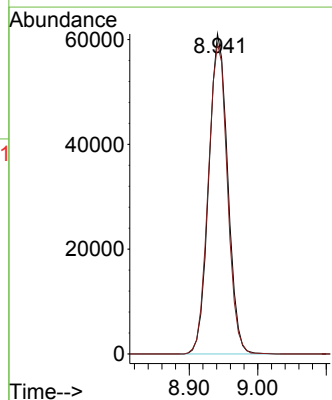
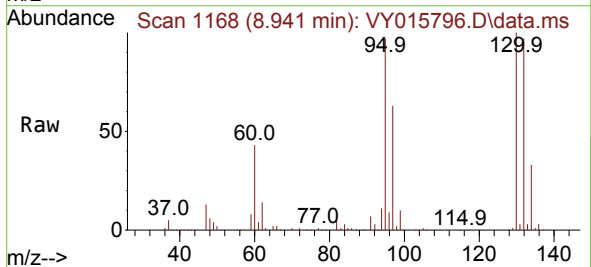
Instrument :
MSVOA_Y
ClientSampleId :

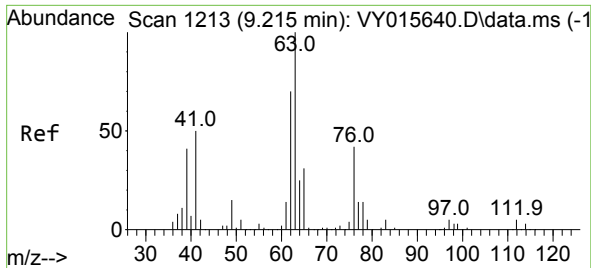
Tgt Ion: 43 Resp: 243914
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 53.593 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion:130 Resp: 117716
Ion Ratio Lower Upper
130 100
95 97.0 0.0 196.0

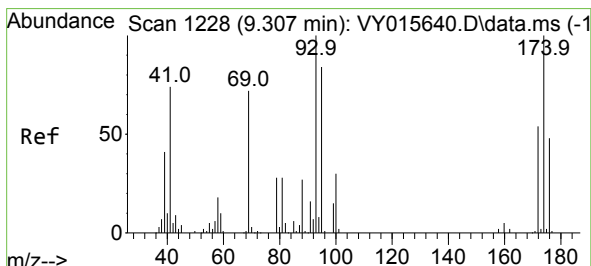
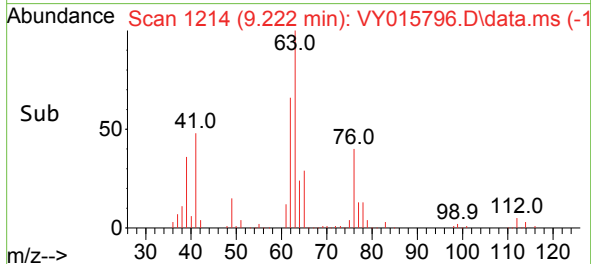
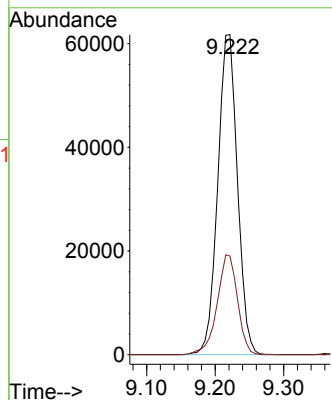
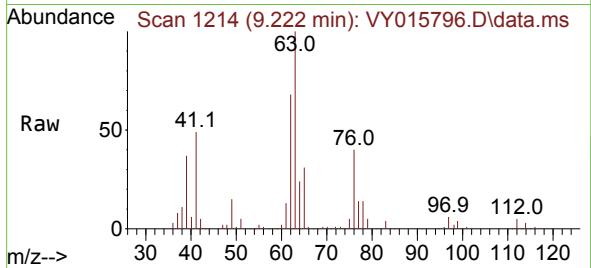




#45
1,2-Dichloropropane
Concen: 56.028 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

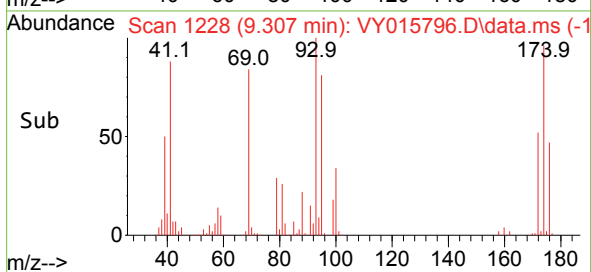
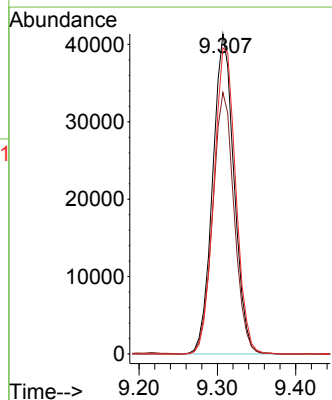
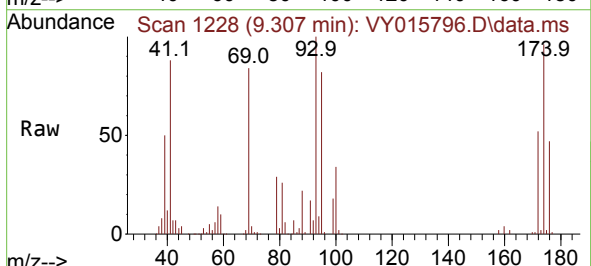
Instrument :
MSVOA_Y
ClientSampleId :

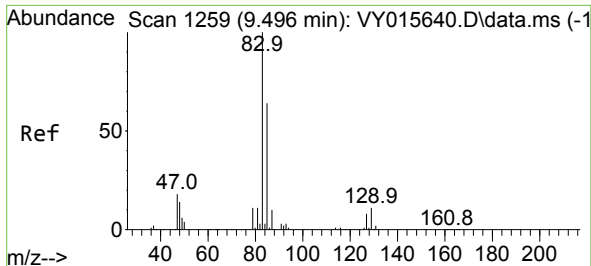
Tgt Ion: 63 Resp: 122875
Ion Ratio Lower Upper
63 100
65 30.8 23.8 35.6



#46
Dibromomethane
Concen: 55.867 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 93 Resp: 78374
Ion Ratio Lower Upper
93 100
95 82.1 66.6 100.0
174 98.3 84.8 127.2

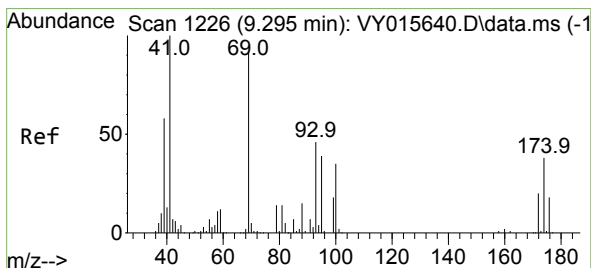
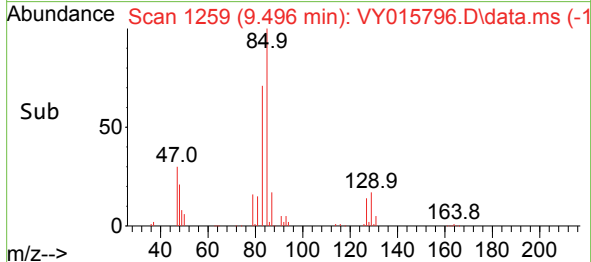
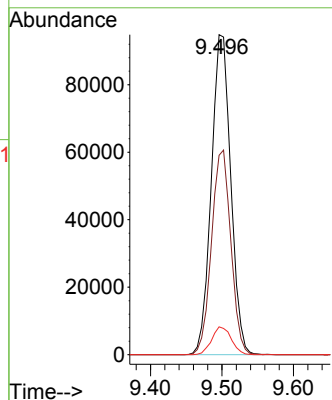
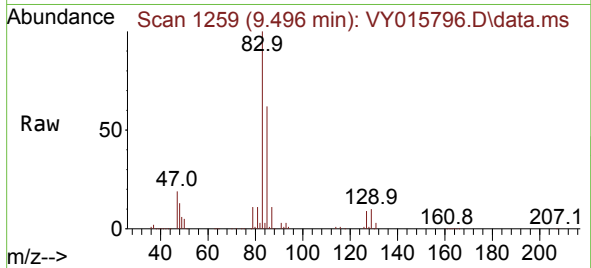




#47
Bromodichloromethane
Concen: 57.231 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

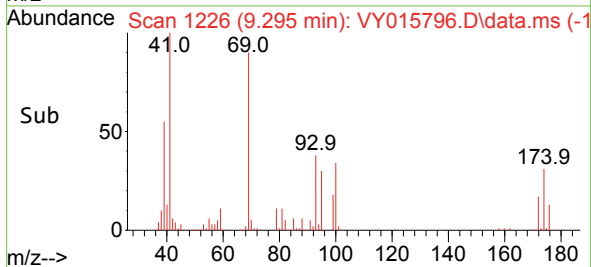
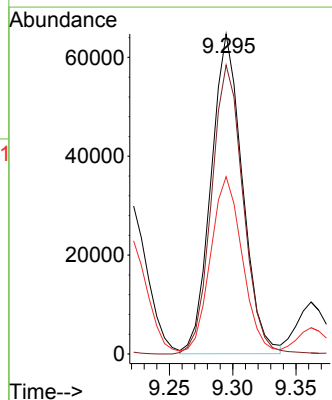
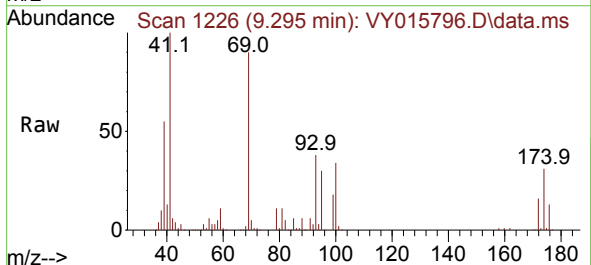
Instrument :
MSVOA_Y
ClientSampleId :

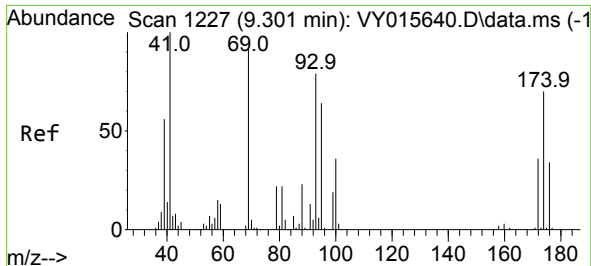
Tgt Ion: 83 Resp: 178958
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 57.850 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 41 Resp: 111572
Ion Ratio Lower Upper
41 100
69 91.1 64.5 96.7
39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1176.773 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

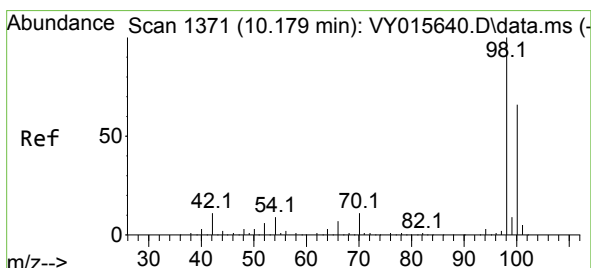
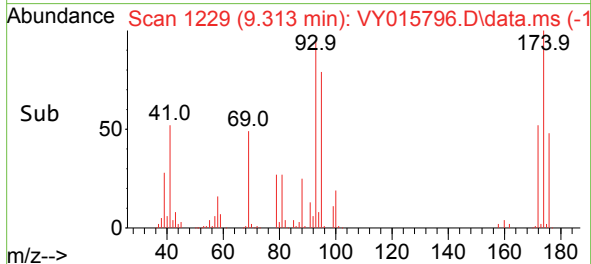
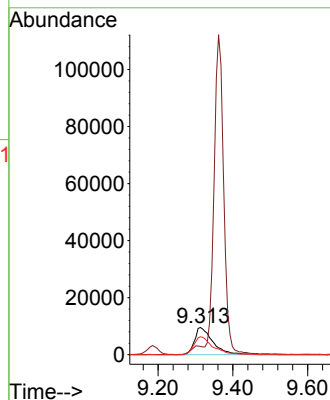
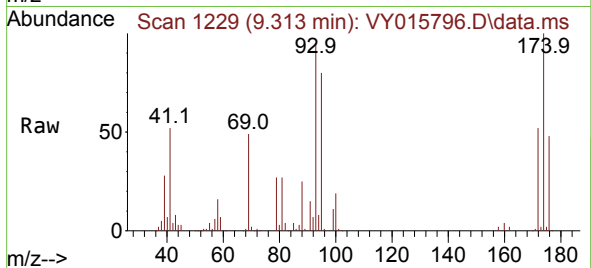
Tgt Ion: 88 Resp: 32614

Ion Ratio Lower Upper

88 100

43 20.3 0.0 0.0#

58 68.2 30.9 46.3#



#50

Toluene-d8

Concen: 49.224 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015796.D

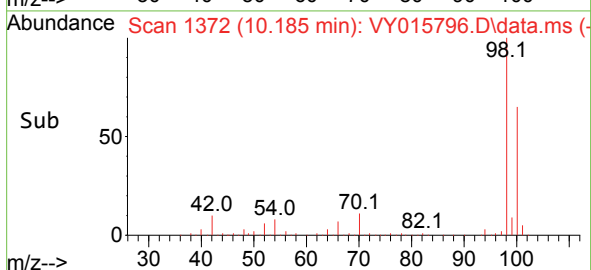
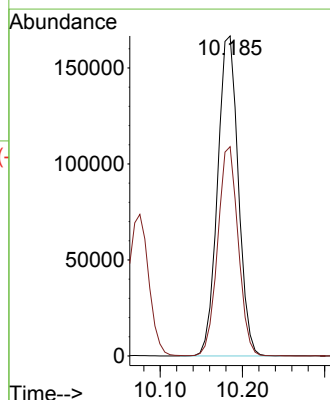
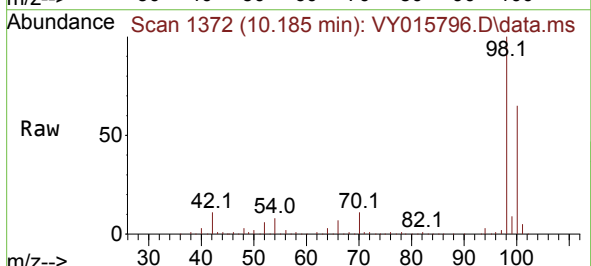
Acq: 03 Oct 2023 10:00

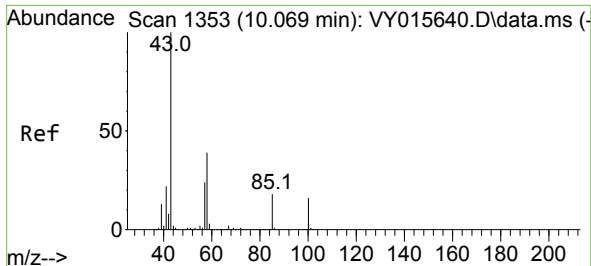
Tgt Ion: 98 Resp: 291096

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

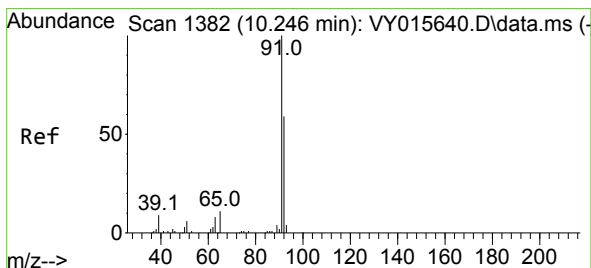
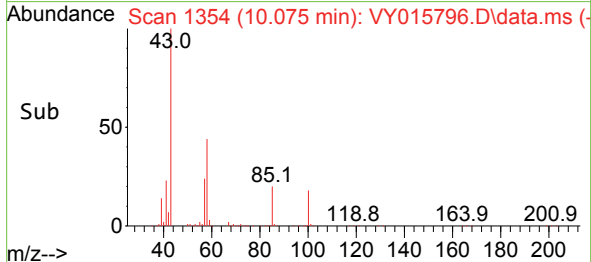
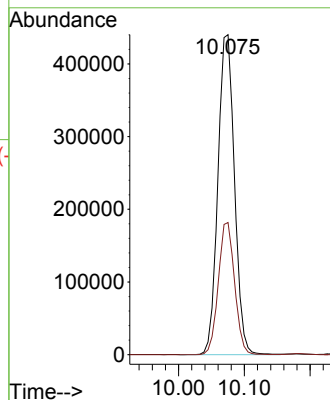
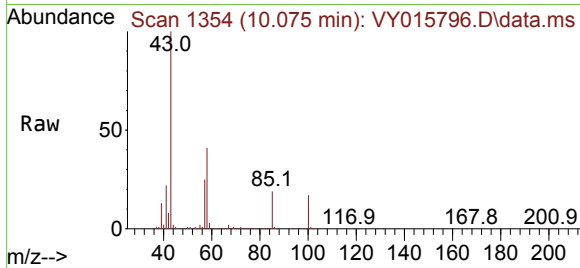




#51
4-Methyl-2-Pentanone
Concen: 283.296 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

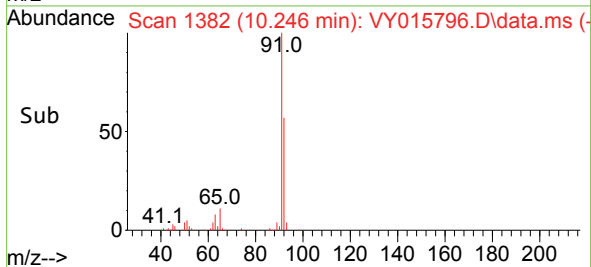
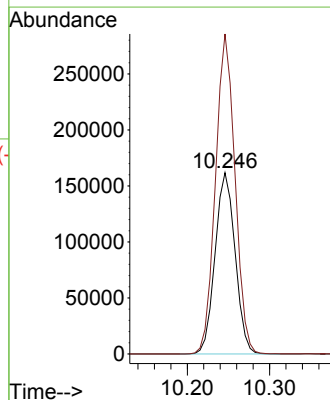
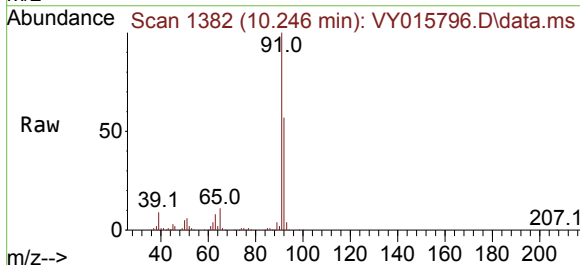
Instrument :
MSVOA_Y
ClientSampleId :

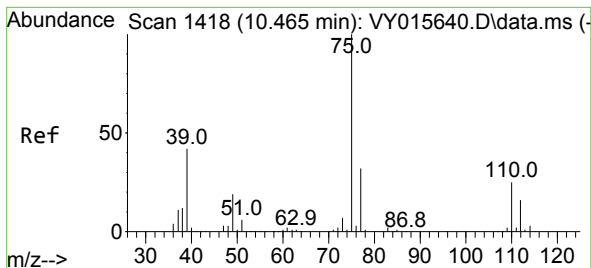
Tgt Ion: 43 Resp: 771534
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6



#52
Toluene
Concen: 53.939 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 92 Resp: 273470
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6

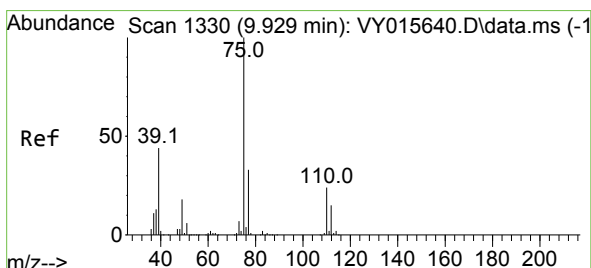
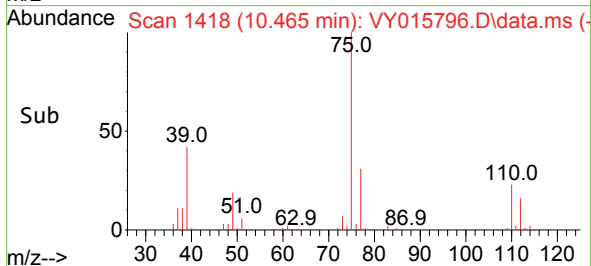
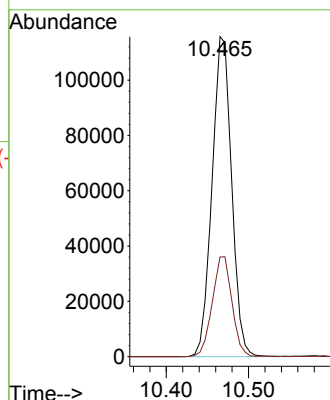
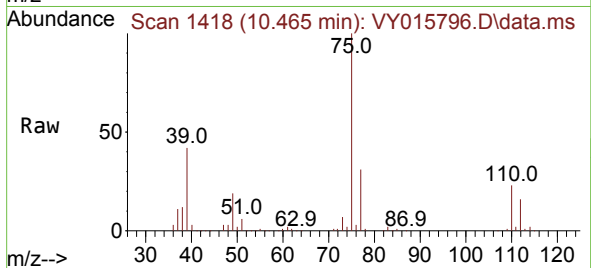




#53
 t-1,3-Dichloropropene
 Concen: 57.130 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015796.D
 Acq: 03 Oct 2023 10:00

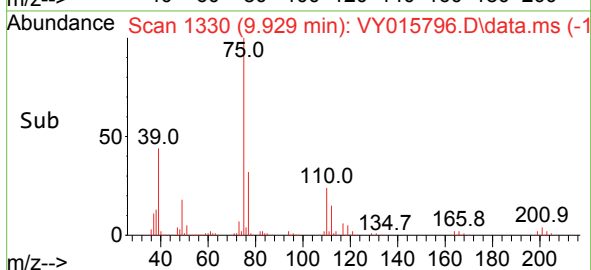
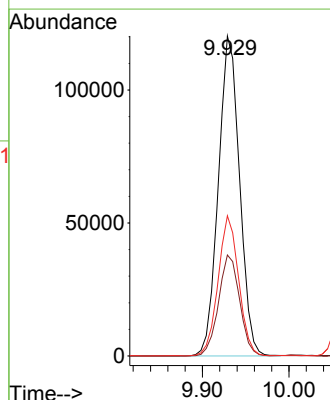
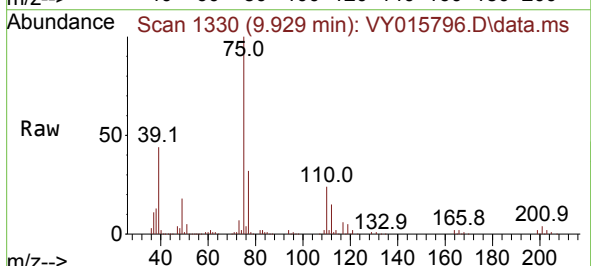
Instrument :
 MSVOA_Y
 ClientSampleId :

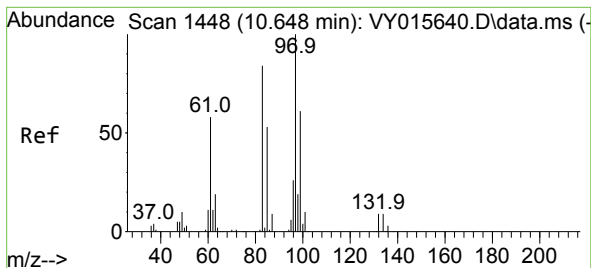
Tgt Ion: 75 Resp: 191572
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 56.692 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015796.D
 Acq: 03 Oct 2023 10:00

Tgt Ion: 75 Resp: 204630
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 43.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 57.600 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 118418

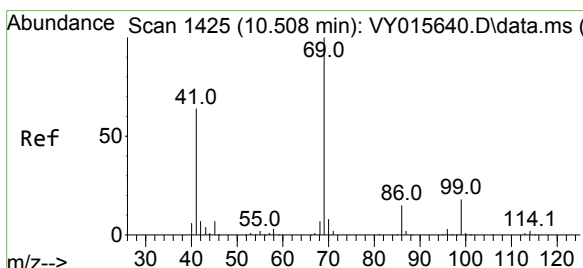
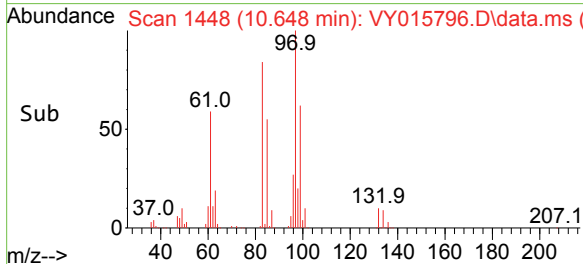
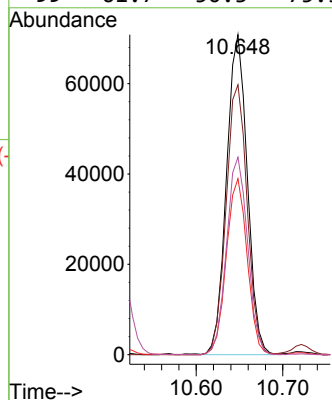
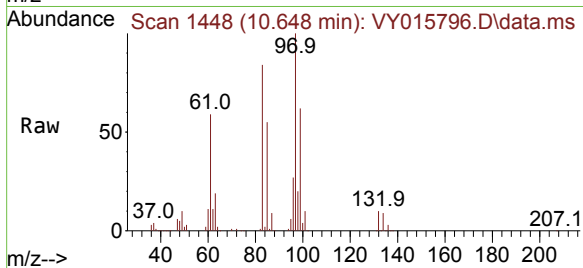
Ion Ratio Lower Upper

97 100

83 84.3 72.0 108.0

85 55.0 45.4 68.0

99 61.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 58.510 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

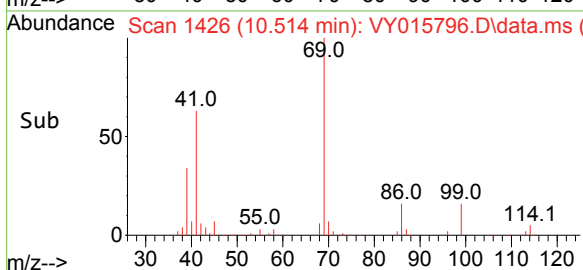
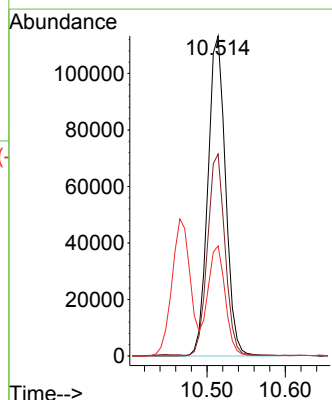
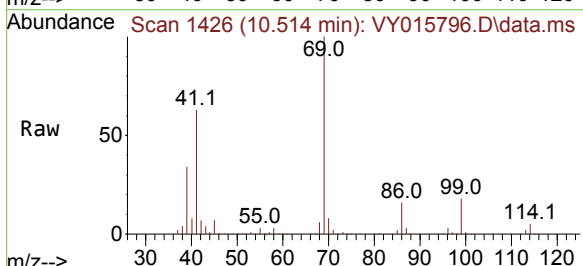
Tgt Ion: 69 Resp: 177268

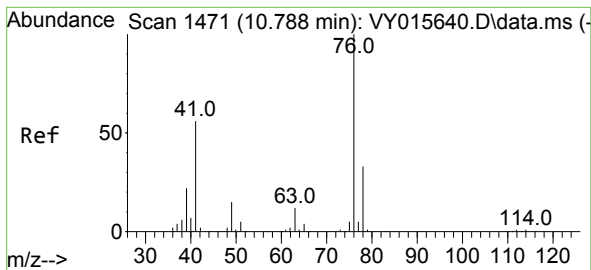
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

39 33.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 56.020 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

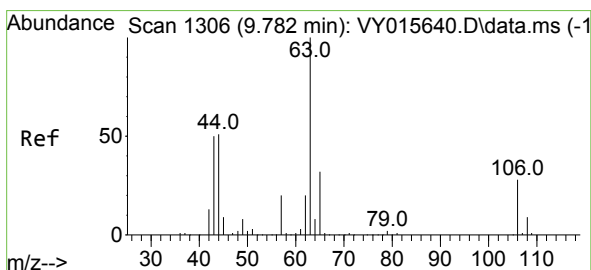
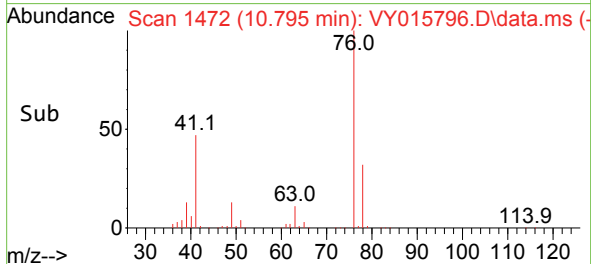
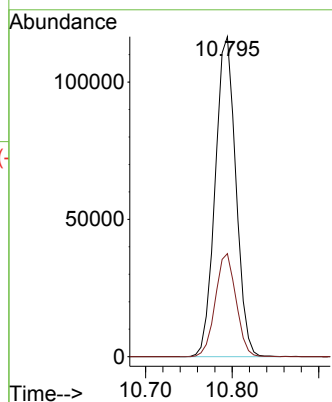
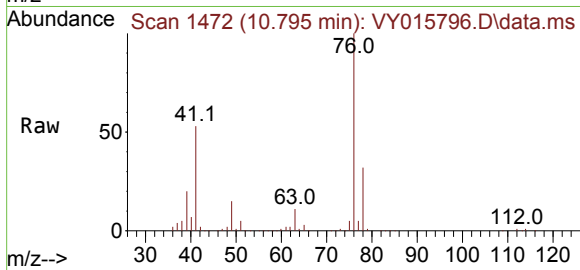
ClientSampleId :

Tgt Ion: 76 Resp: 193137

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 177.273 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015796.D

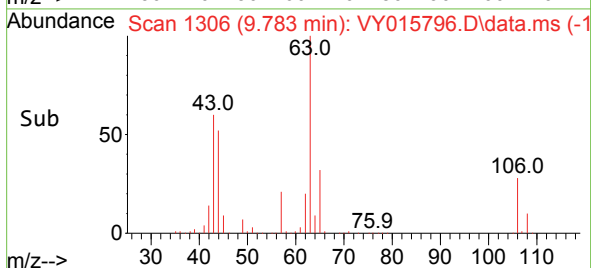
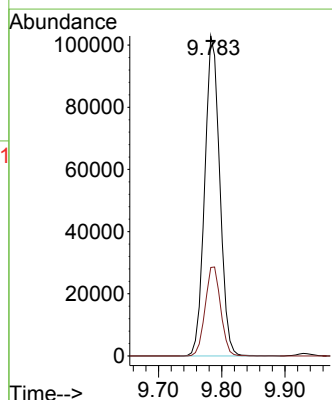
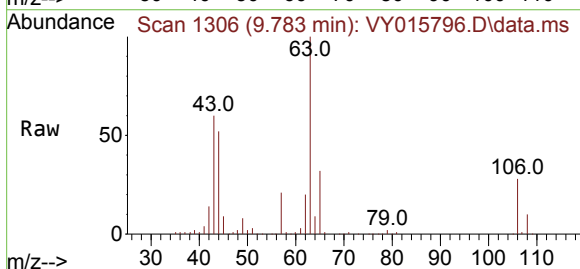
Acq: 03 Oct 2023 10:00

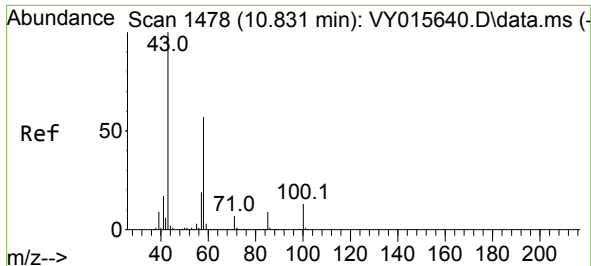
Tgt Ion: 63 Resp: 170601

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

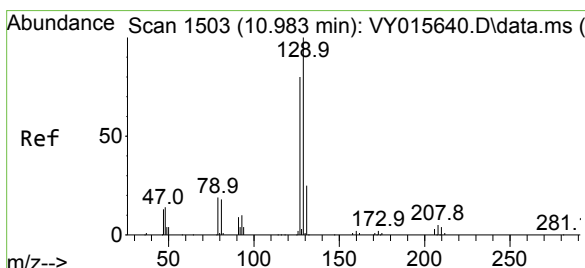
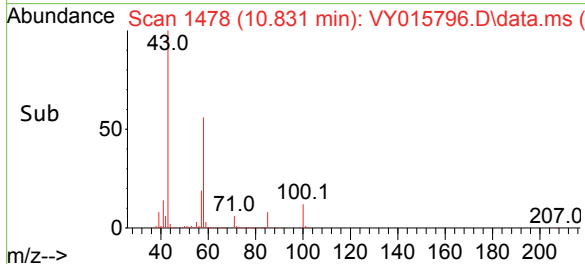
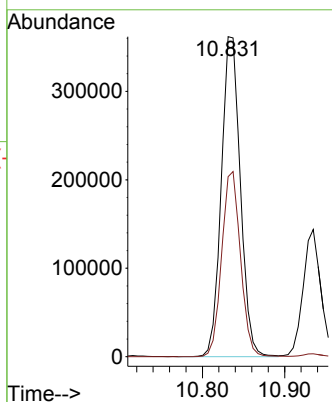
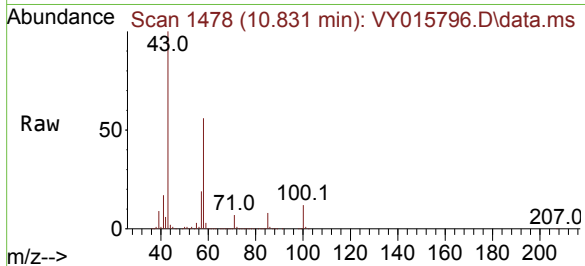




#59
2-Hexanone
Concen: 278.925 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

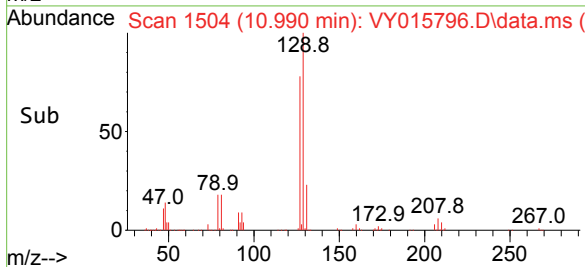
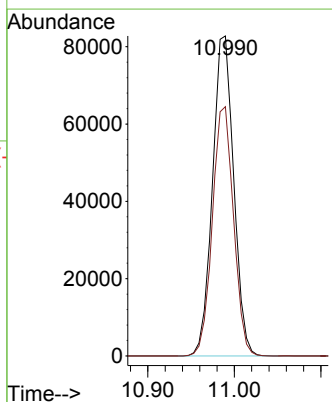
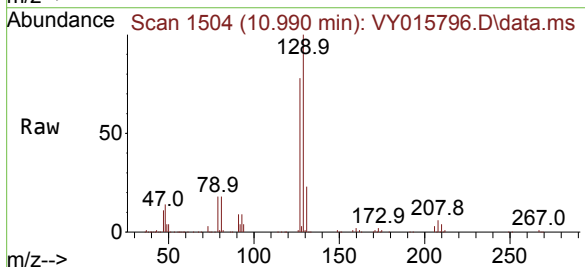
Instrument :
MSVOA_Y
ClientSampleId :

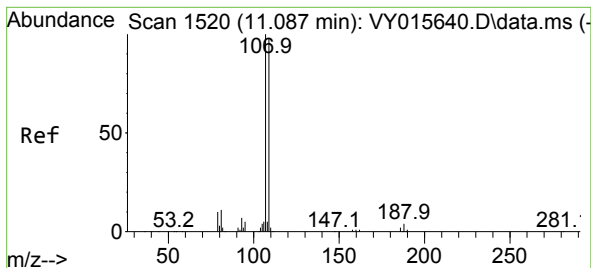
Tgt Ion: 43 Resp: 582798
Ion Ratio Lower Upper
43 100
58 57.2 25.1 75.3



#60
Dibromochloromethane
Concen: 58.627 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 129 Resp: 140697
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 56.150 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

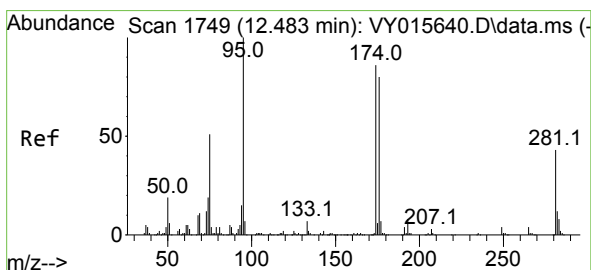
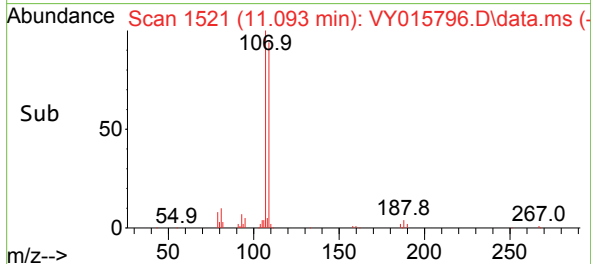
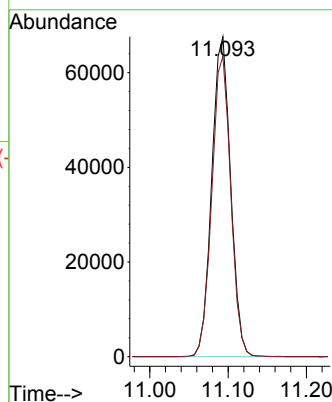
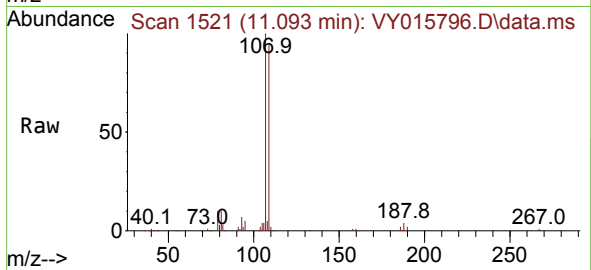
ClientSampleId :

Tgt Ion:107 Resp: 112932

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.540 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

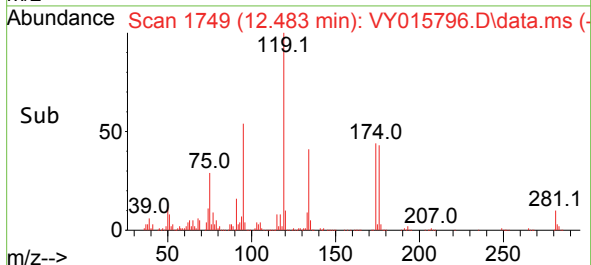
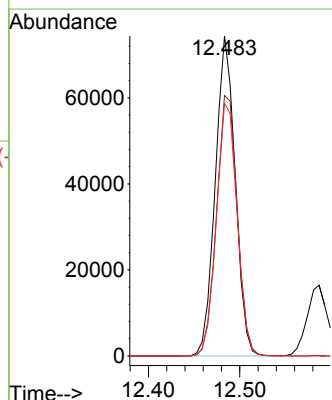
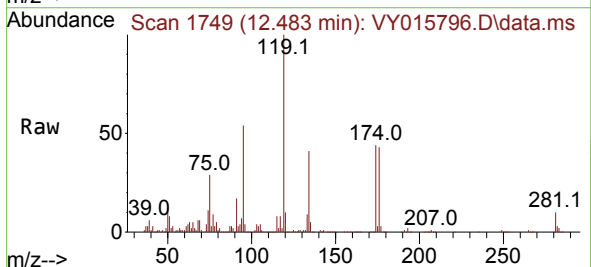
Tgt Ion: 95 Resp: 112649

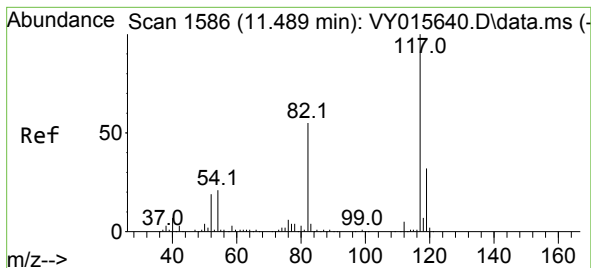
Ion Ratio Lower Upper

95 100

174 85.0 0.0 178.2

176 82.1 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: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

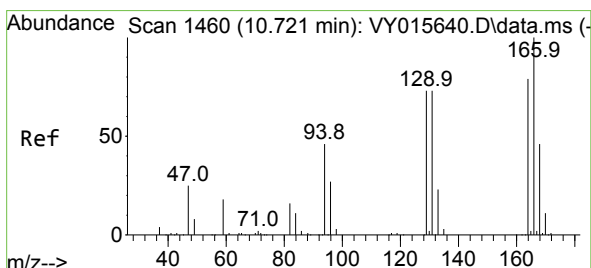
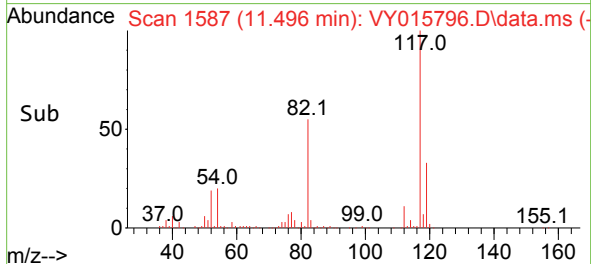
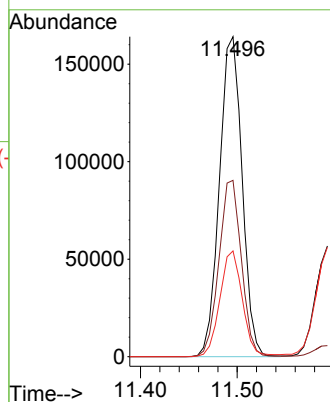
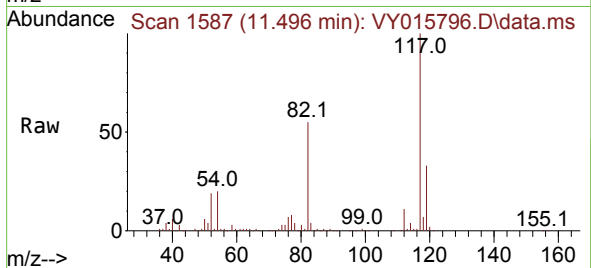
Tgt Ion:117 Resp: 266920

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 33.0 26.3 39.5



#64

Tetrachloroethene

Concen: 53.742 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Tgt Ion:164 Resp: 123075

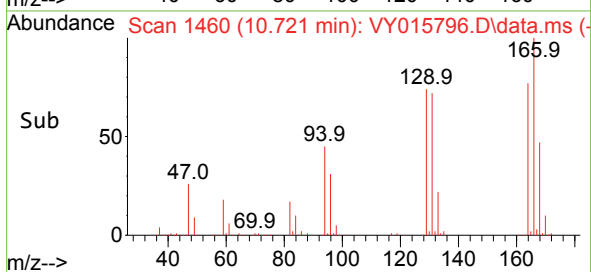
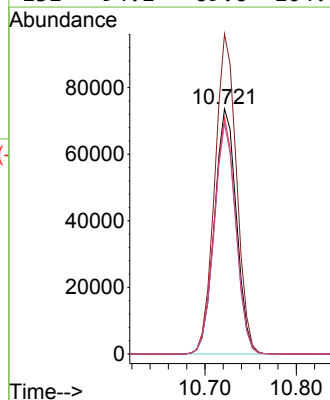
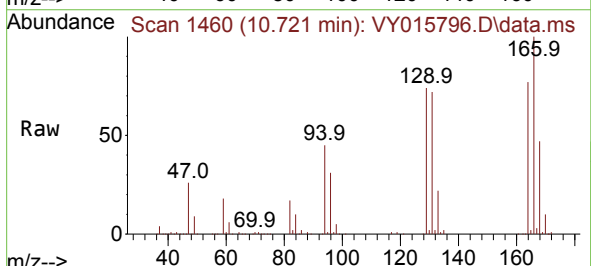
Ion Ratio Lower Upper

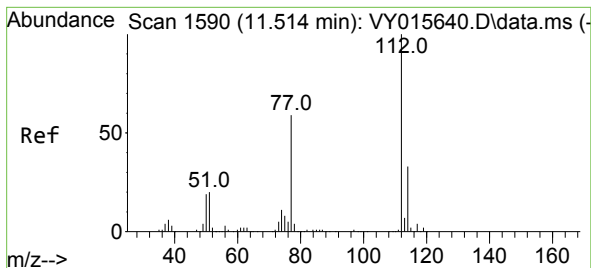
164 100

166 130.6 103.0 154.6

129 96.5 77.2 115.8

131 94.1 69.6 104.4





#65

Chlorobenzene

Concen: 55.140 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

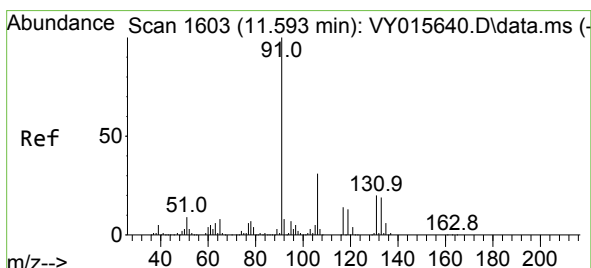
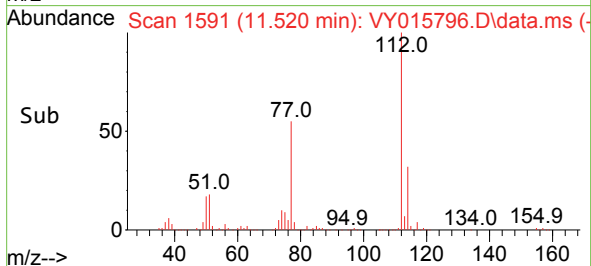
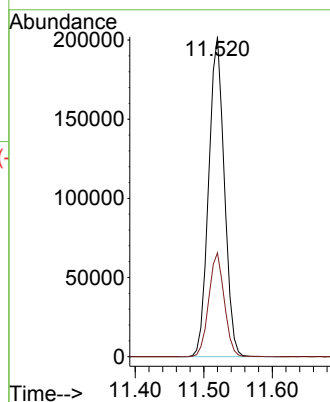
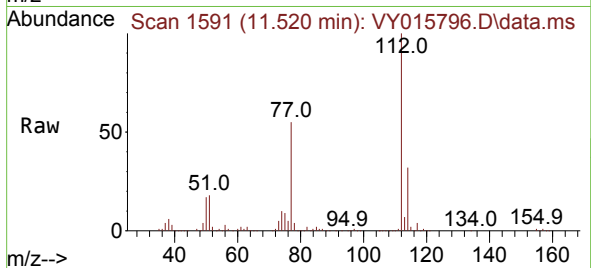
ClientSampleId :

Tgt Ion:112 Resp: 321264

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 58.481 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

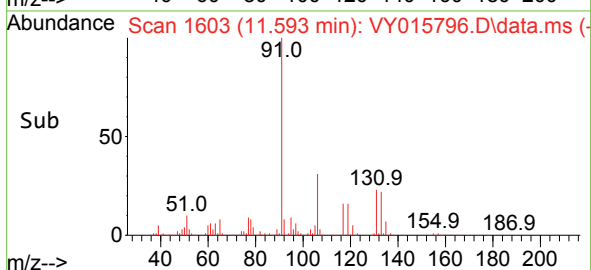
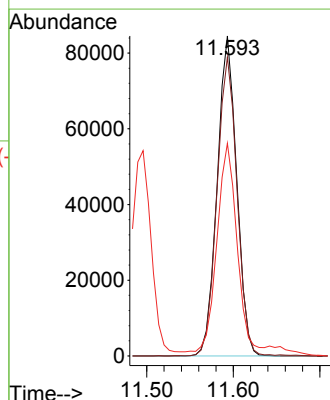
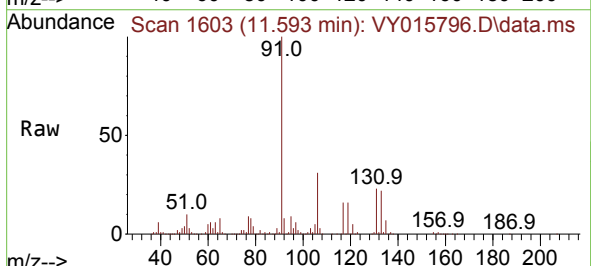
Tgt Ion:131 Resp: 132353

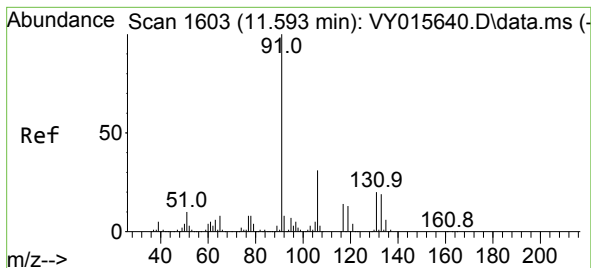
Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.6

119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 54.739 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

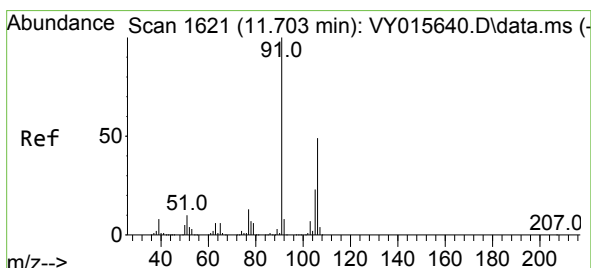
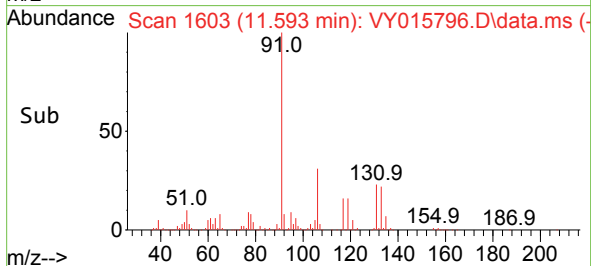
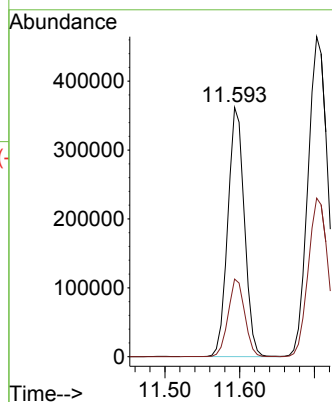
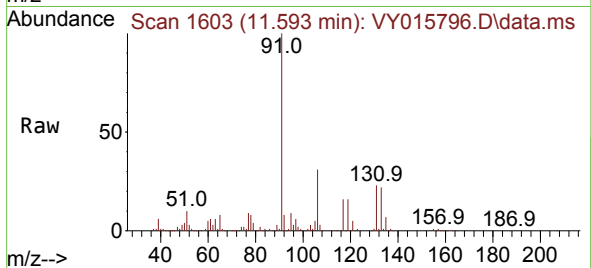
ClientSampleId :

Tgt Ion: 91 Resp: 557439

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 109.003 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015796.D

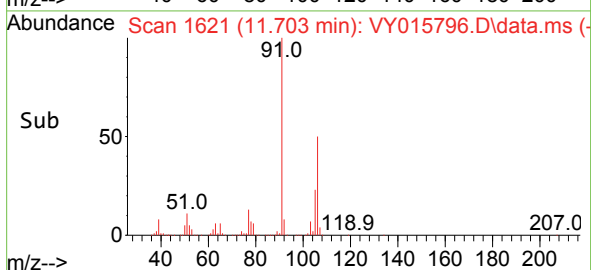
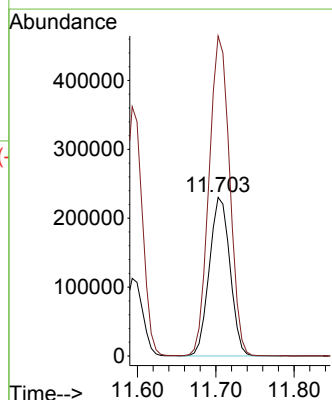
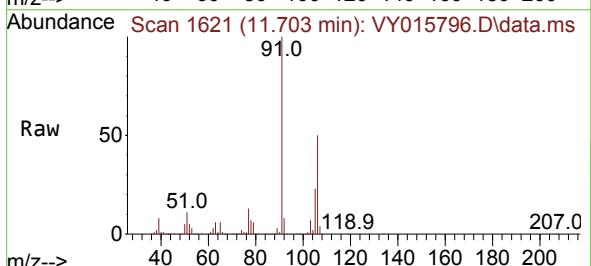
Acq: 03 Oct 2023 10:00

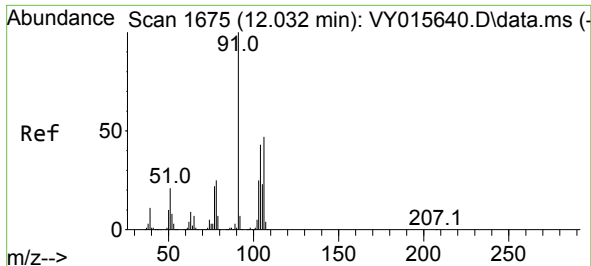
Tgt Ion:106 Resp: 421918

Ion Ratio Lower Upper

106 100

91 201.6 166.1 249.1

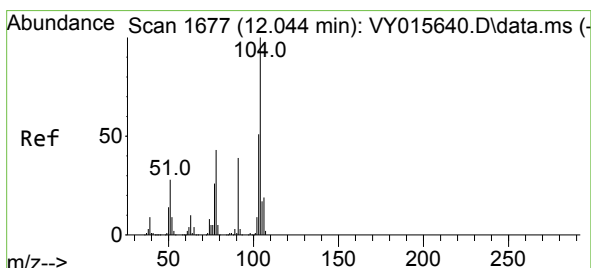
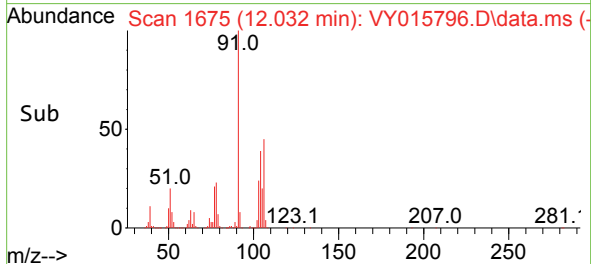
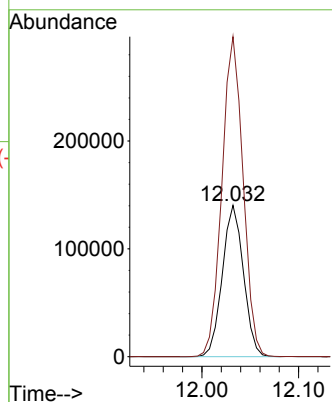
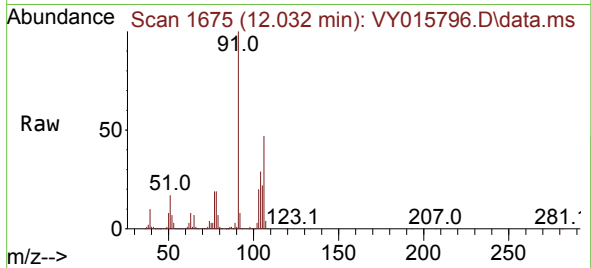




#69
o-Xylene
Concen: 55.980 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

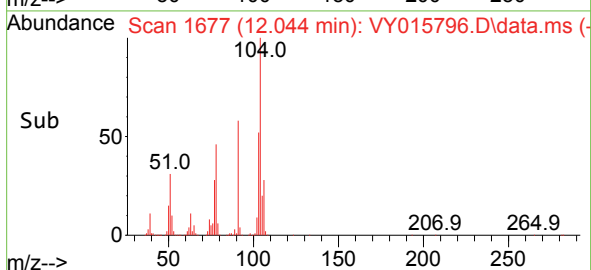
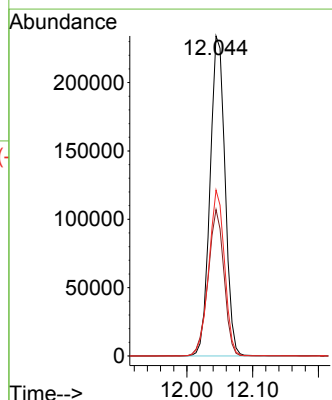
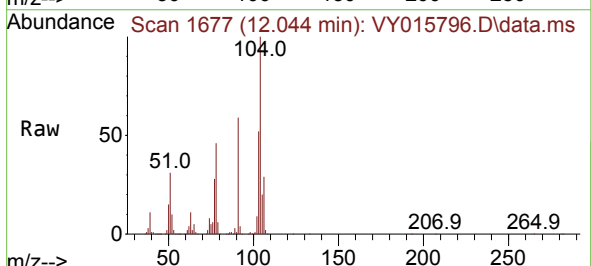
Instrument :
MSVOA_Y
ClientSampleId :

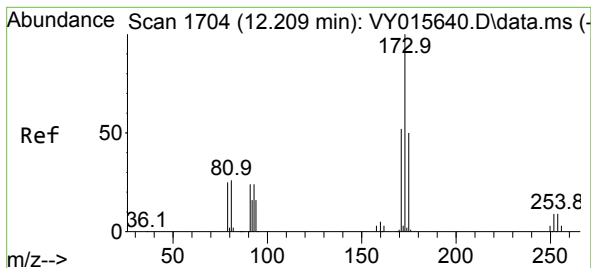
Tgt Ion:106 Resp: 212473
Ion Ratio Lower Upper
106 100
91 211.8 108.1 324.3



#70
Styrene
Concen: 57.274 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion:104 Resp: 372099
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 60.767 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015796.D

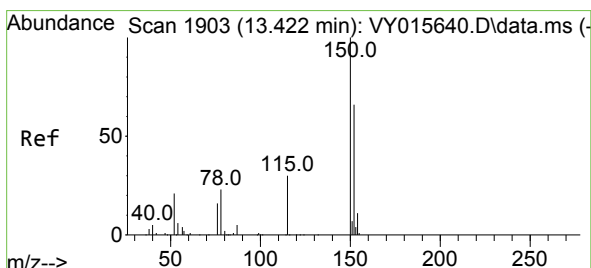
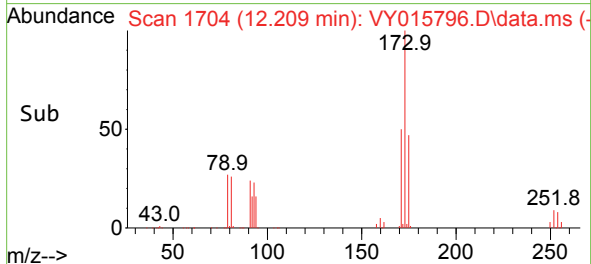
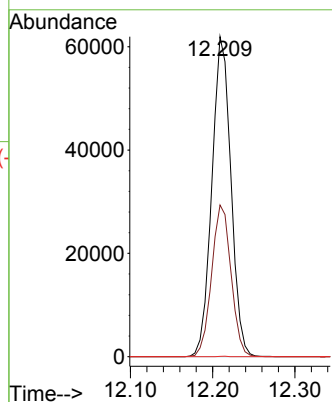
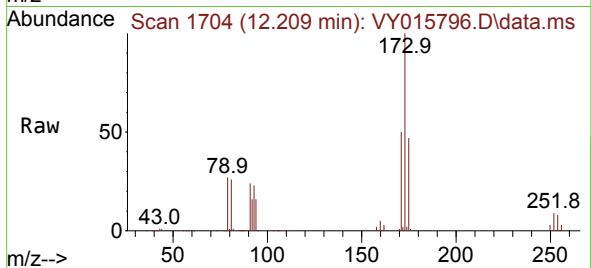
Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 99660
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.6 73.8
 254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

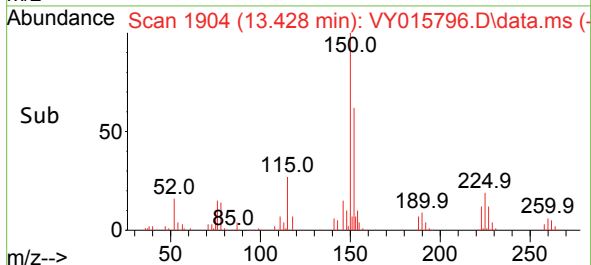
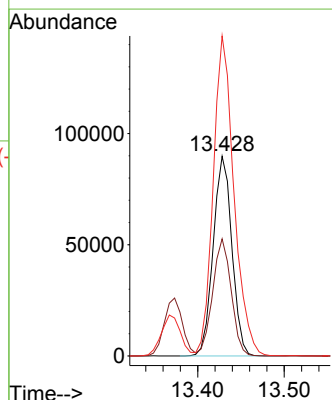
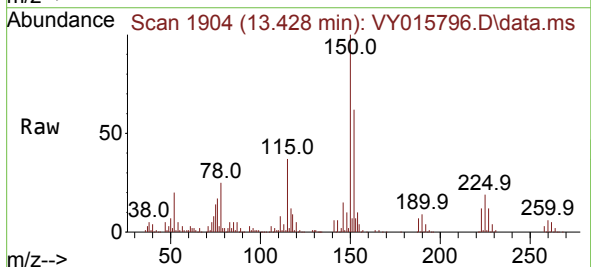
RT: 13.428 min Scan# 1904

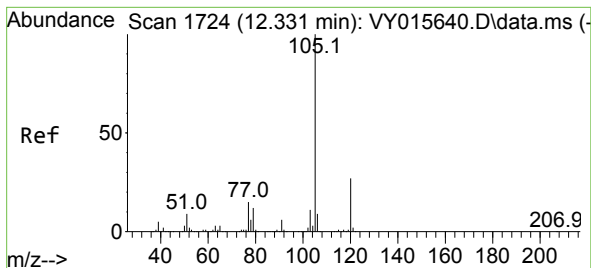
Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Tgt Ion:152 Resp: 134920
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 177.4 0.0 348.8





#73

Isopropylbenzene

Concen: 54.142 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

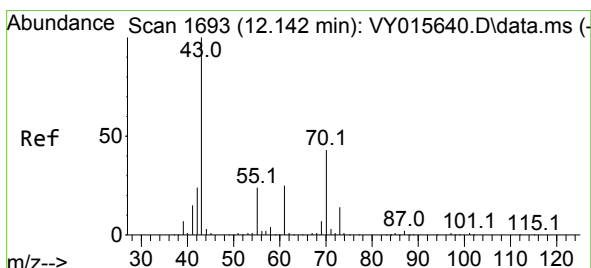
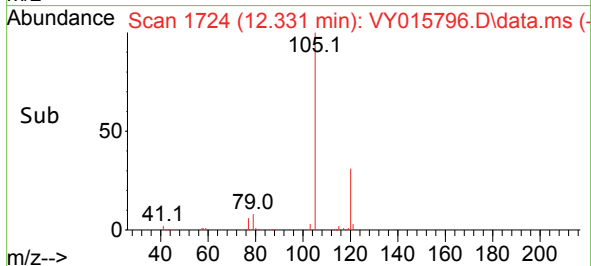
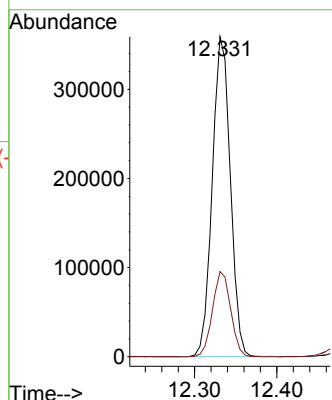
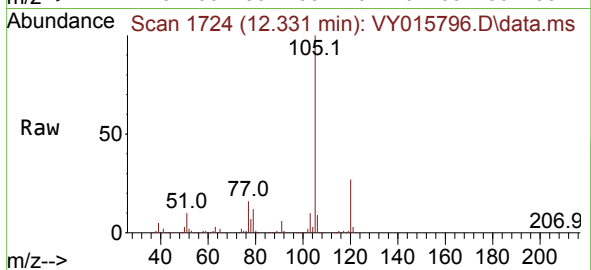
ClientSampleId :

Tgt Ion:105 Resp: 547989

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 57.369 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Tgt Ion: 43 Resp: 218235

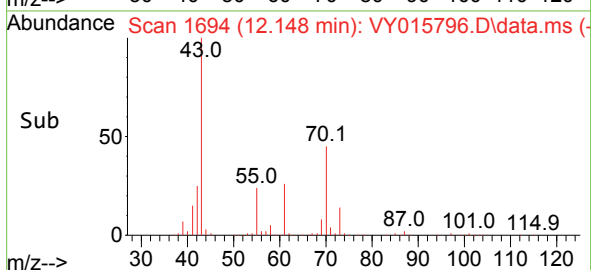
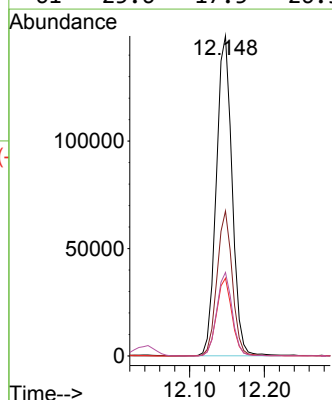
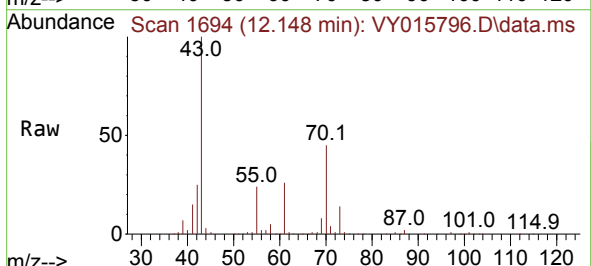
Ion Ratio Lower Upper

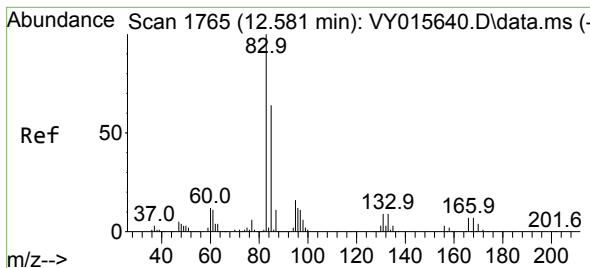
43 100

70 44.1 29.7 44.5

55 24.1 18.3 27.5

61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.615 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

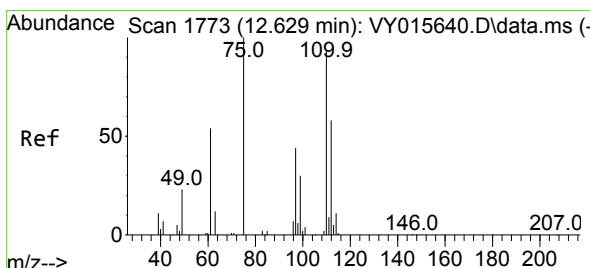
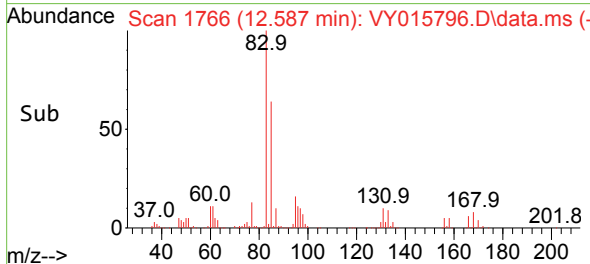
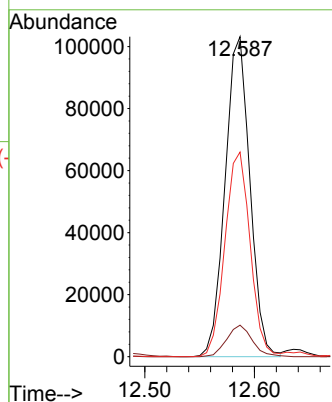
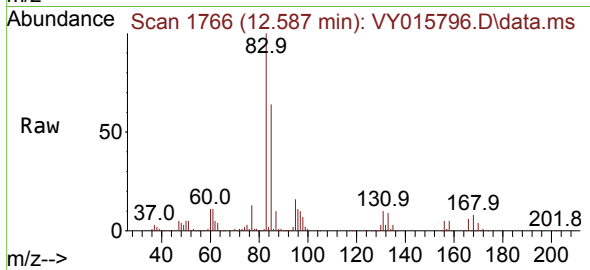
Tgt Ion: 83 Resp: 162293

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 98.597 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015796.D

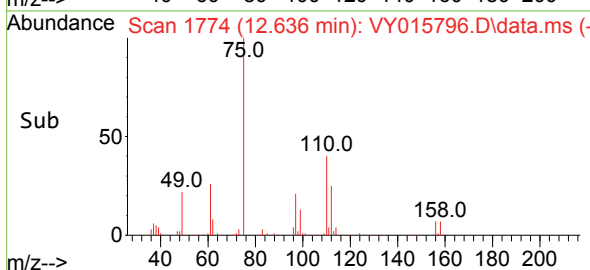
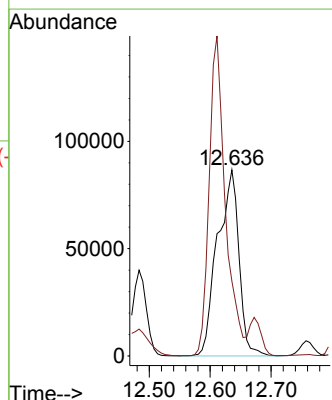
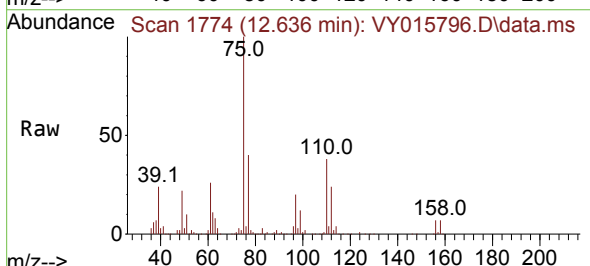
Acq: 03 Oct 2023 10:00

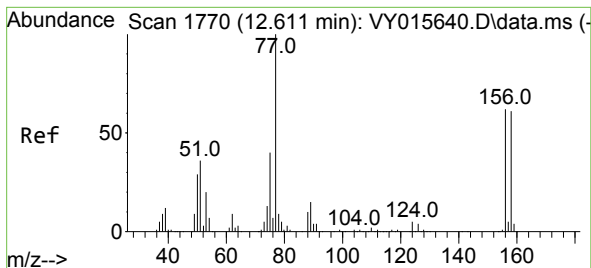
Tgt Ion: 75 Resp: 212223

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.690 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

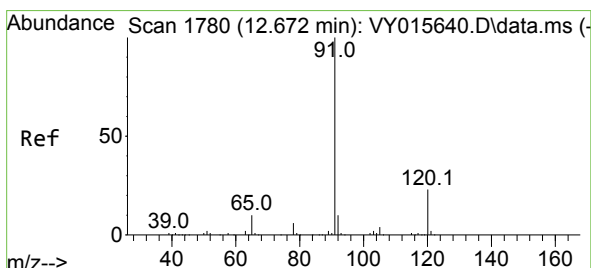
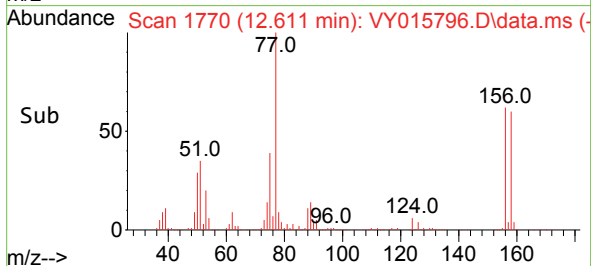
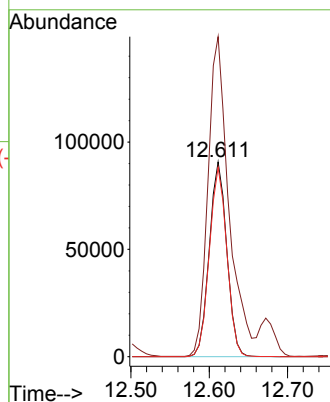
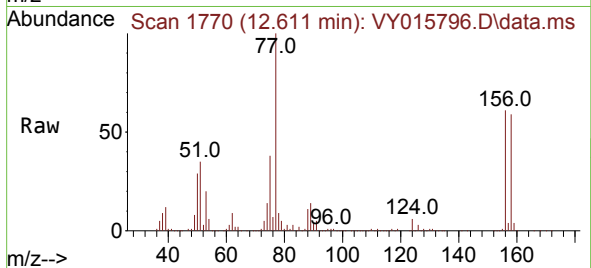
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156 Resp: 140843

Ion	Ratio	Lower	Upper
156	100		
77	194.6	92.8	278.6
158	97.1	48.4	145.3



#78

n-propylbenzene

Concen: 53.700 ug/l

RT: 12.672 min Scan# 1780

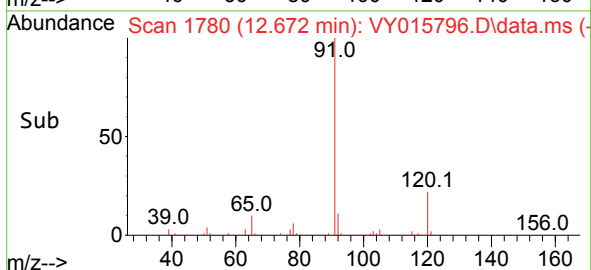
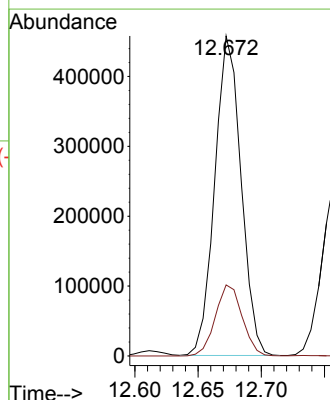
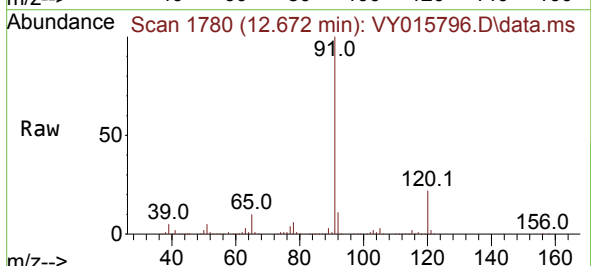
Delta R.T. 0.006 min

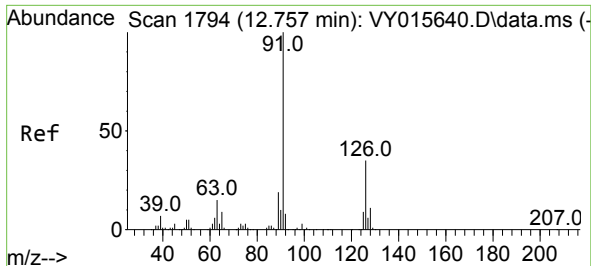
Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Tgt Ion: 91 Resp: 660292

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 55.661 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

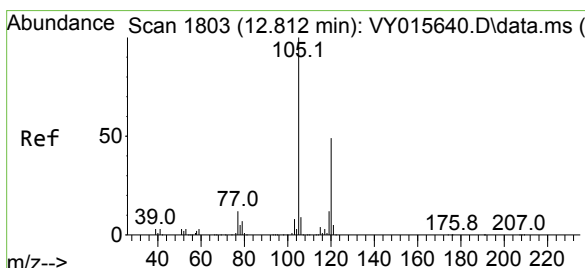
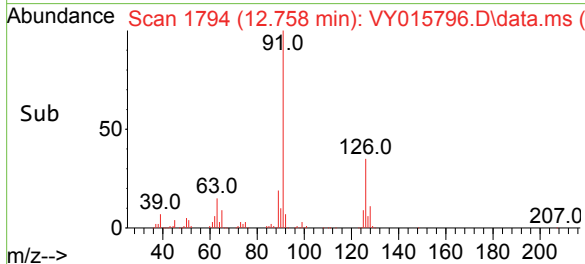
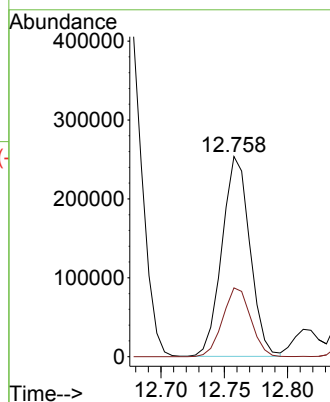
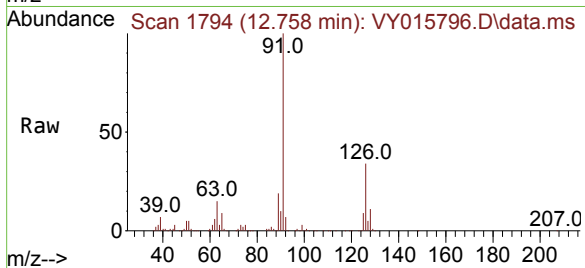
ClientSampleId :

Tgt Ion: 91 Resp: 390121

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 55.740 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015796.D

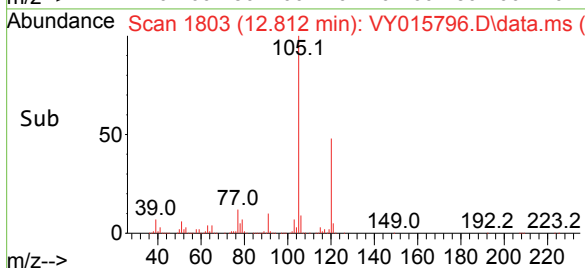
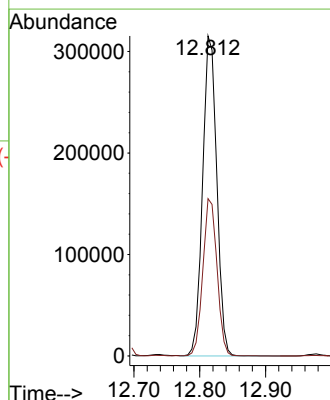
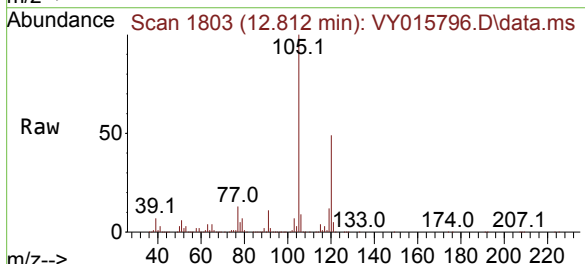
Acq: 03 Oct 2023 10:00

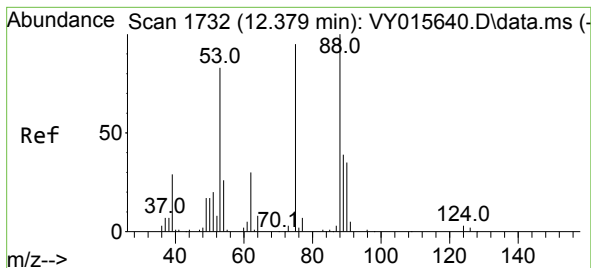
Tgt Ion: 105 Resp: 472299

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

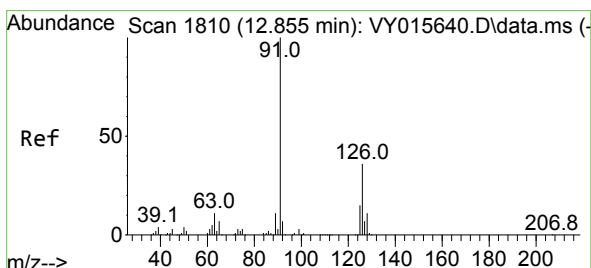
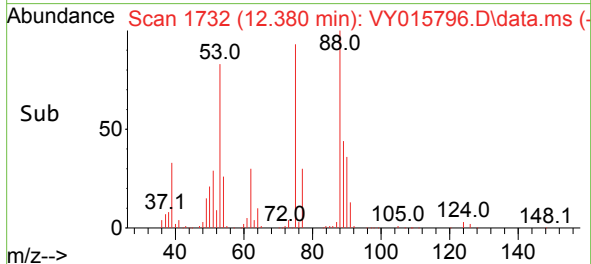
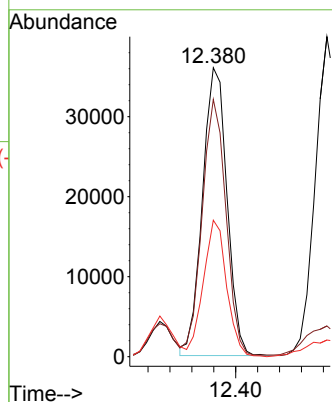
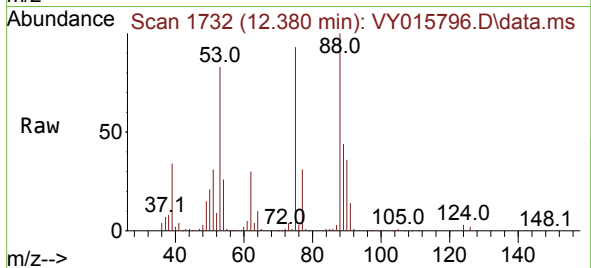




#81
trans-1,4-Dichloro-2-butene
Concen: 58.470 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

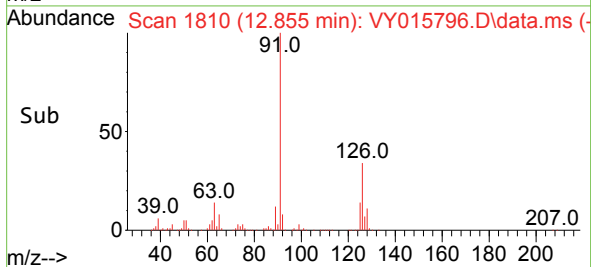
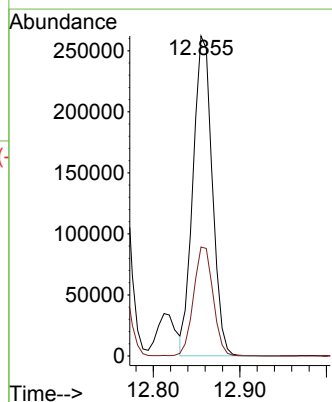
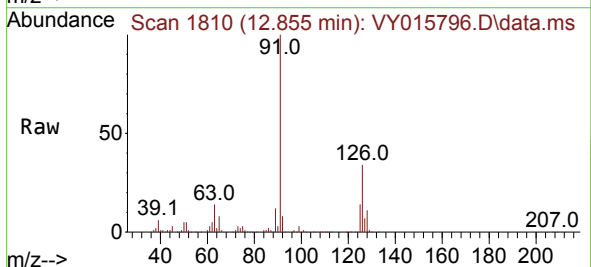
Instrument :
MSVOA_Y
ClientSampleId :

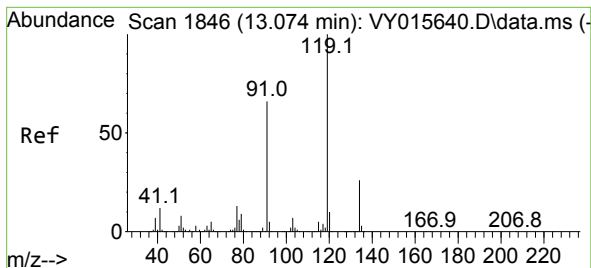
Tgt Ion: 75 Resp: 55887
Ion Ratio Lower Upper
75 100
53 86.9 77.8 116.8
89 45.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 55.183 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 91 Resp: 403766
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 56.685 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

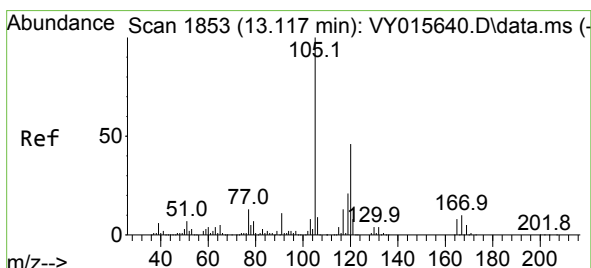
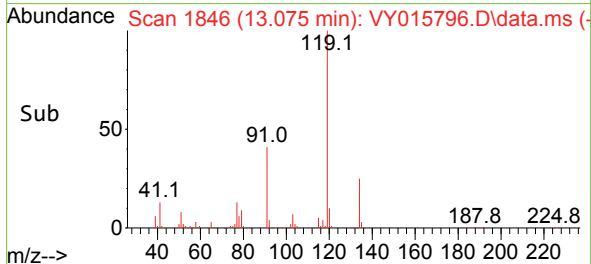
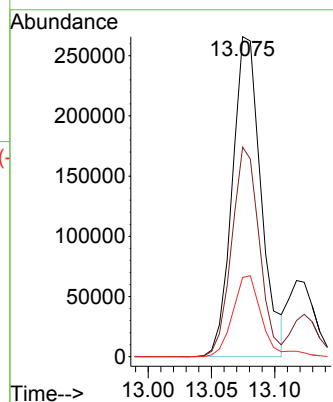
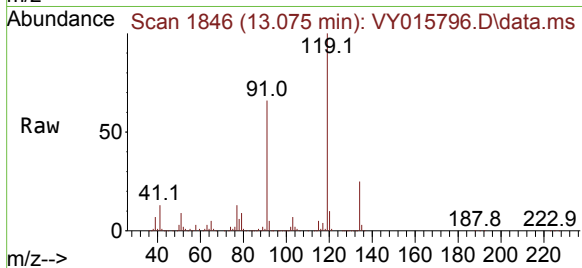
Tgt Ion:119 Resp: 420670

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 56.495 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015796.D

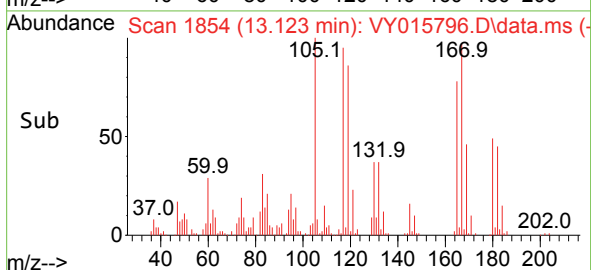
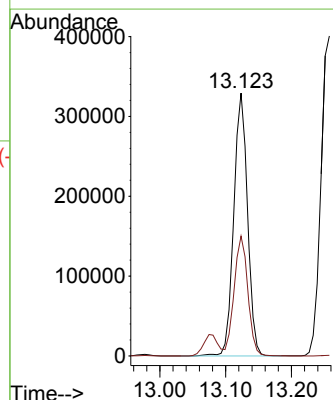
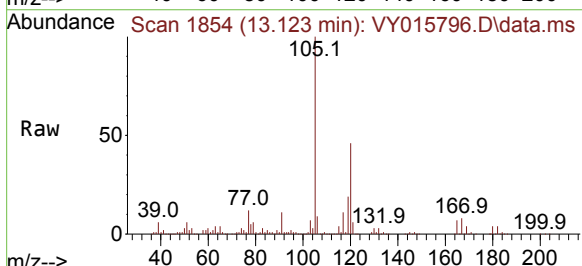
Acq: 03 Oct 2023 10:00

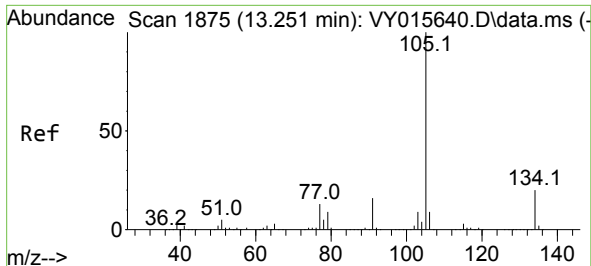
Tgt Ion:105 Resp: 478965

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

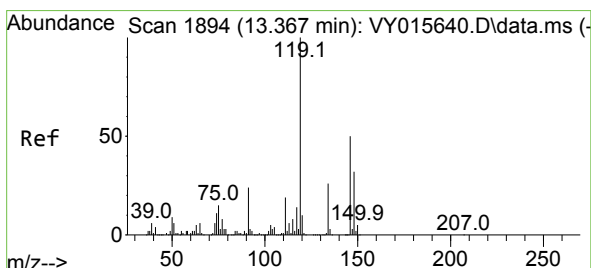
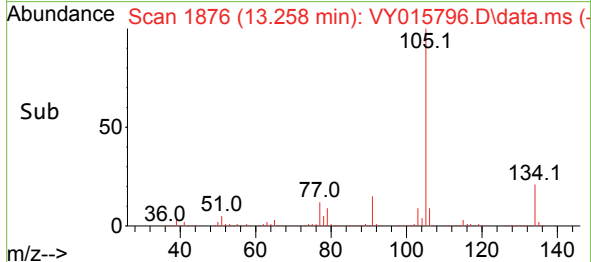
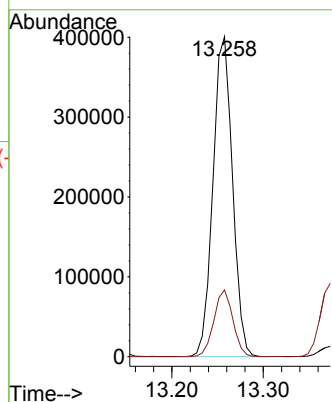
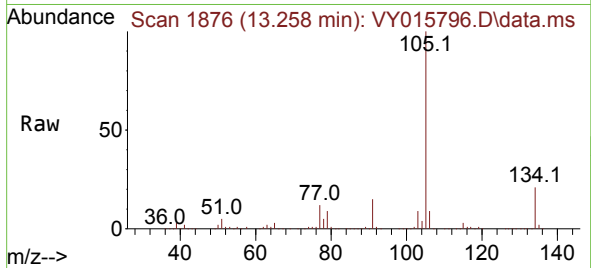




#85
 sec-Butylbenzene
 Concen: 53.624 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY015796.D
 Acq: 03 Oct 2023 10:00

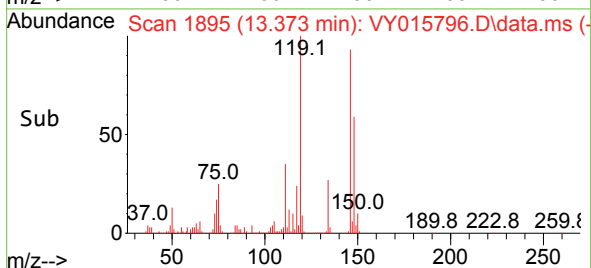
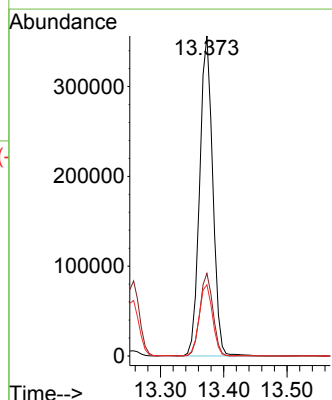
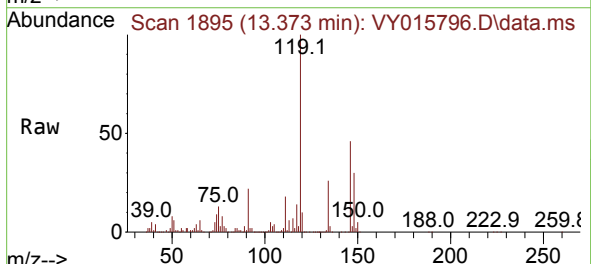
Instrument :
 MSVOA_Y
 ClientSampleId :

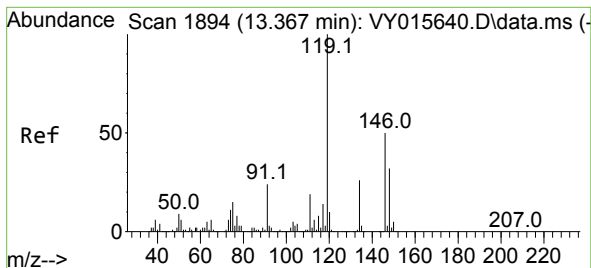
Tgt Ion:105 Resp: 595550
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 55.304 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015796.D
 Acq: 03 Oct 2023 10:00

Tgt Ion:119 Resp: 513056
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 55.779 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

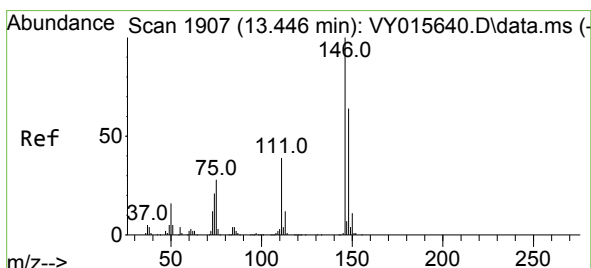
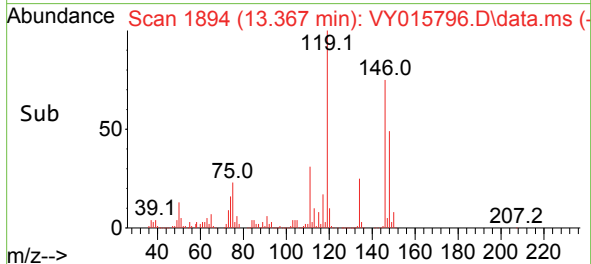
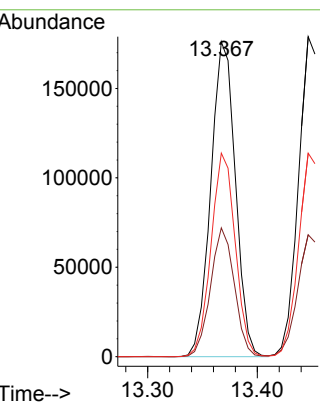
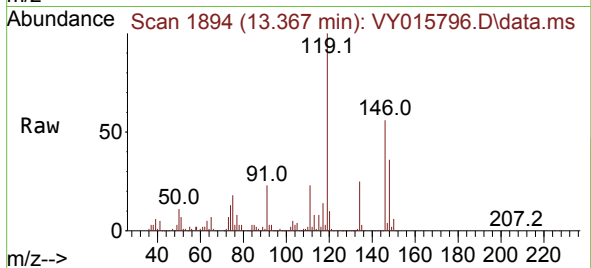
Tgt Ion:146 Resp: 274923

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 55.928 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

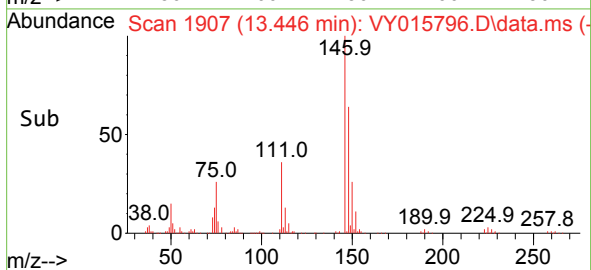
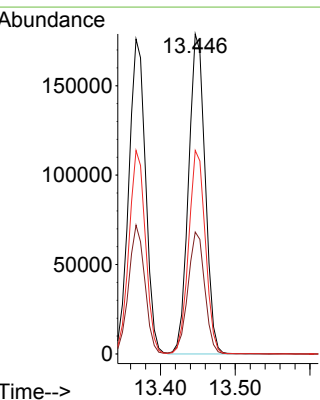
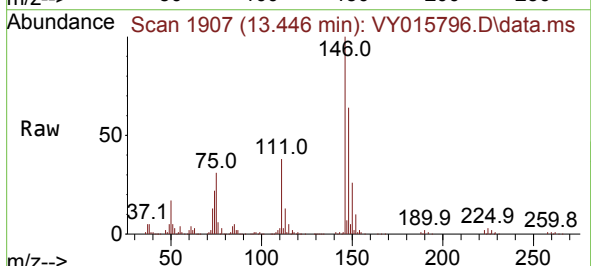
Tgt Ion:146 Resp: 275696

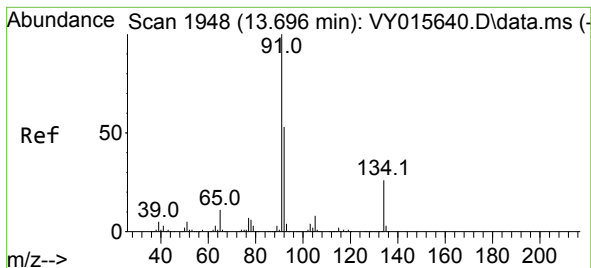
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 52.301 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

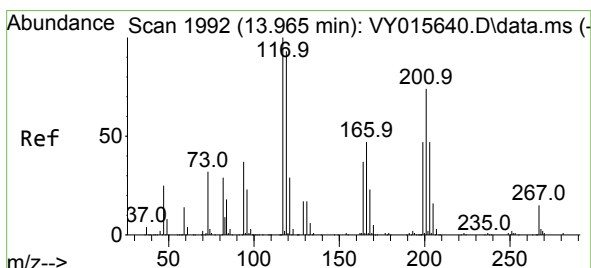
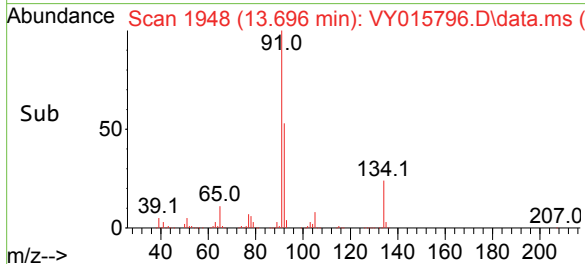
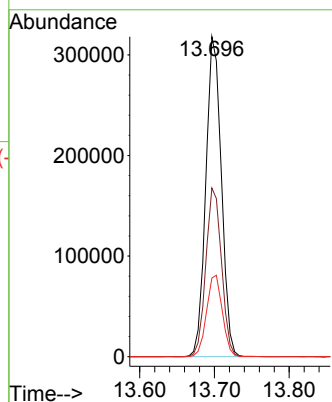
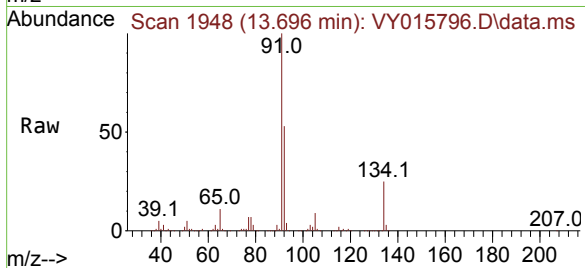
Tgt Ion: 91 Resp: 459450

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 57.861 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015796.D

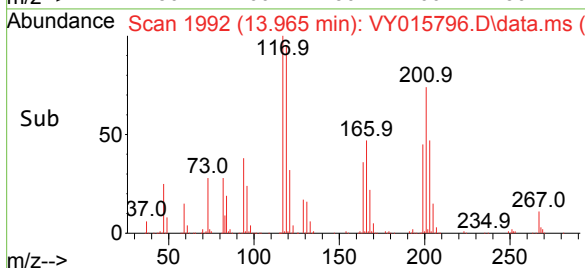
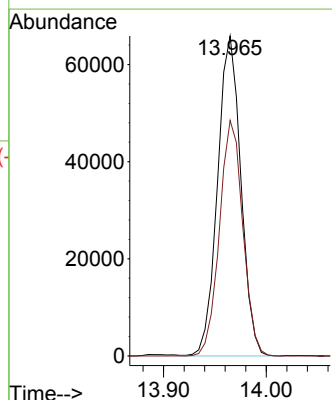
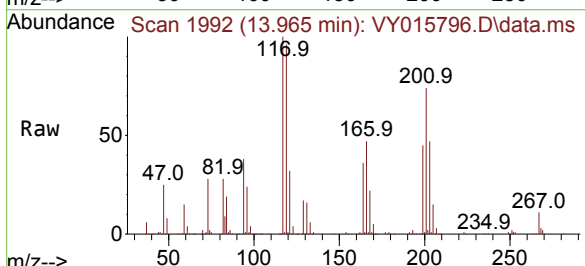
Acq: 03 Oct 2023 10:00

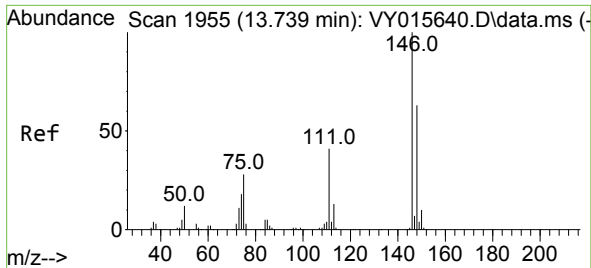
Tgt Ion: 117 Resp: 103597

Ion Ratio Lower Upper

117 100

201 73.8 41.6 124.8

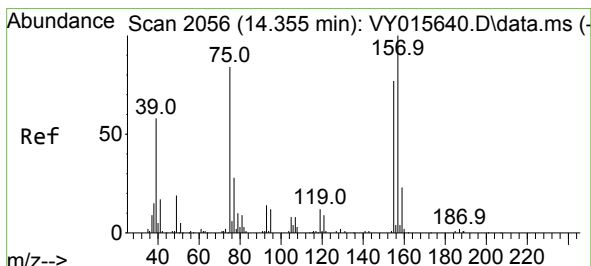
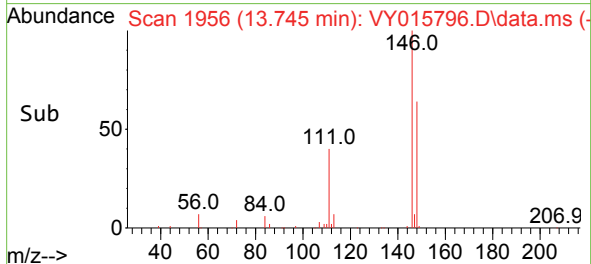
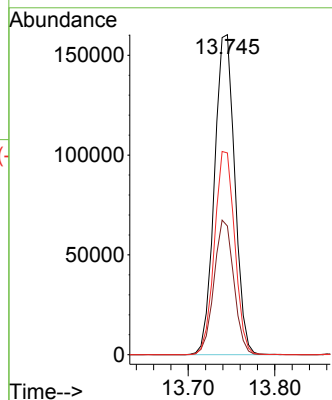
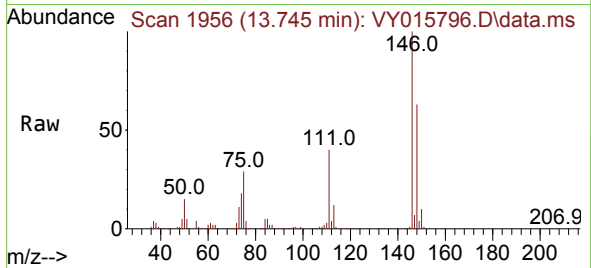




#91
1,2-Dichlorobenzene
Concen: 57.335 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

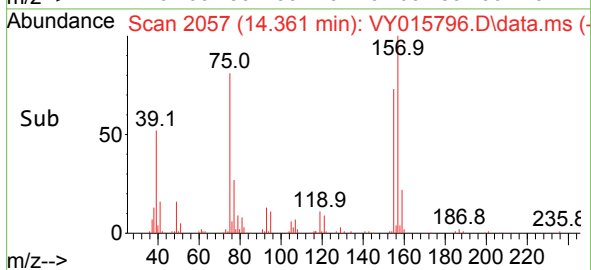
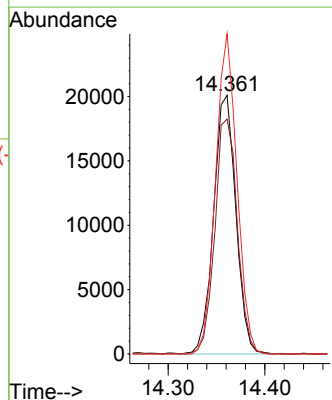
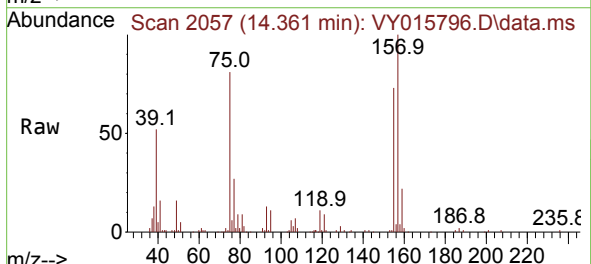
Instrument :
MSVOA_Y
ClientSampleId :

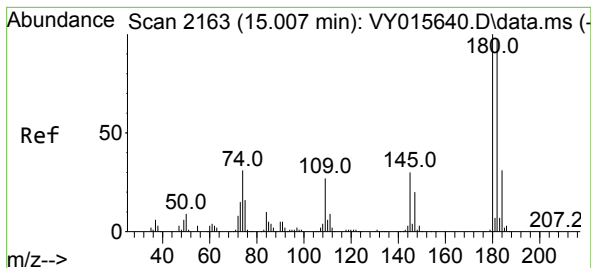
Tgt Ion:146 Resp: 260869
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.423 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015796.D
Acq: 03 Oct 2023 10:00

Tgt Ion: 75 Resp: 32125
Ion Ratio Lower Upper
75 100
155 91.7 41.5 124.6
157 118.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 57.745 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

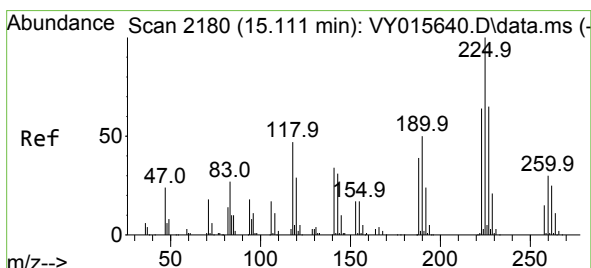
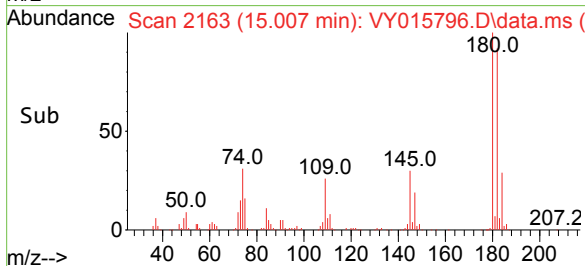
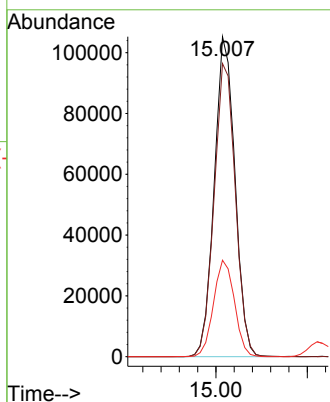
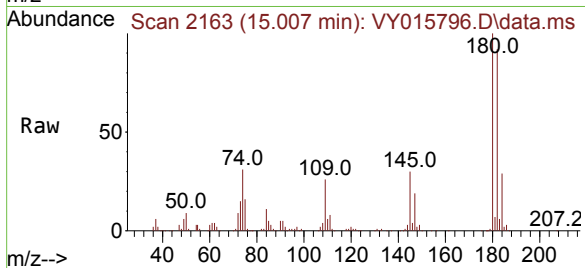
Tgt Ion:180 Resp: 165403

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.334 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

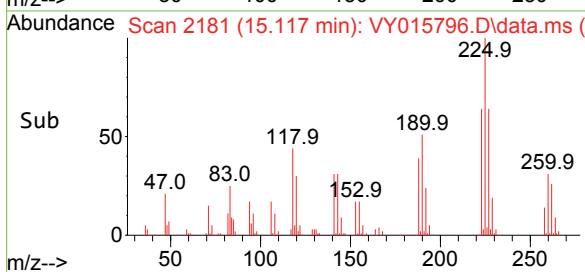
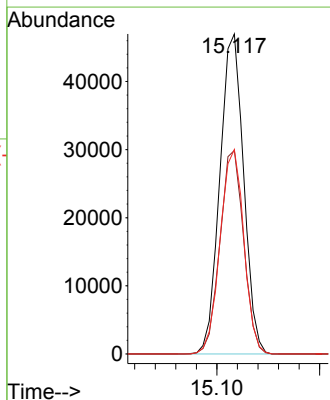
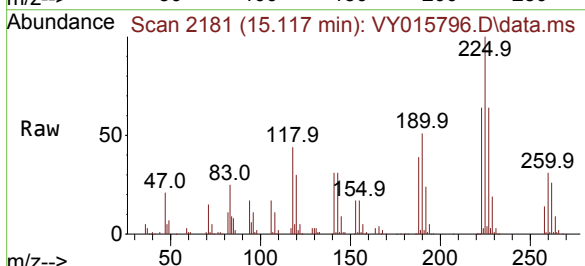
Tgt Ion:225 Resp: 75300

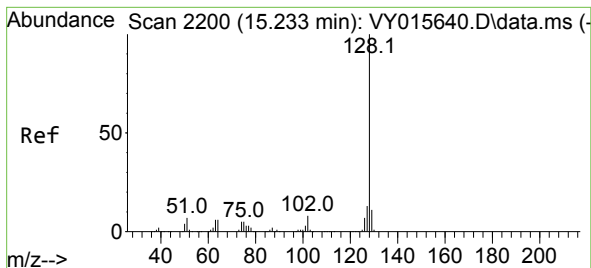
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 61.549 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Instrument :

MSVOA_Y

ClientSampleId :

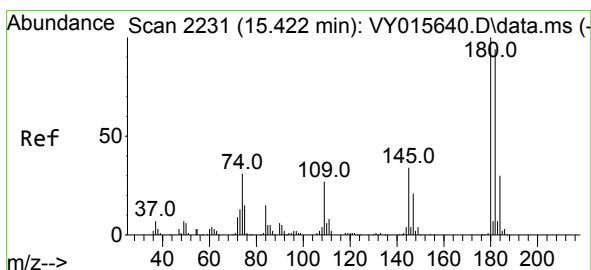
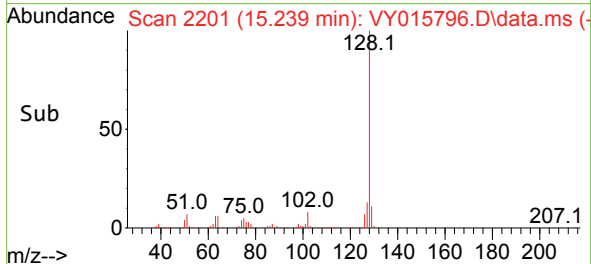
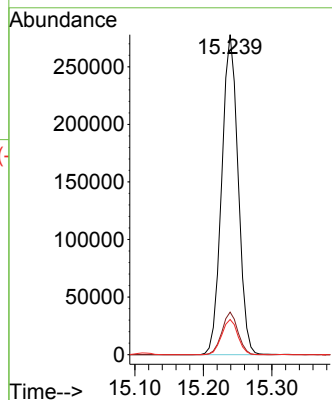
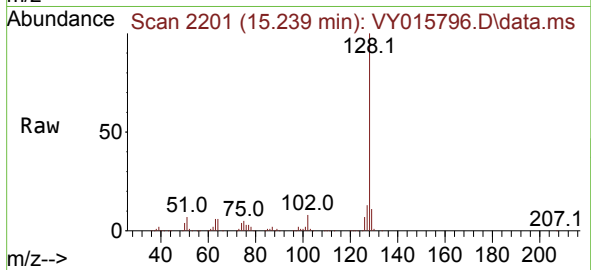
Tgt Ion:128 Resp: 459702

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 59.302 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015796.D

Acq: 03 Oct 2023 10:00

Tgt Ion:180 Resp: 156780

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.5 15.4 46.2

