

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015121.D
 Acq On : 15 Aug 2023 22:57
 Operator : SY/MD
 Sample : VY0815SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 01:35:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	322491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119769	51.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.700%	
35) Dibromofluoromethane	7.722	113	107941	52.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.179	98	392618	50.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.483	95	142315	50.451	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19156	20.006	ug/l	98
3) Chloromethane	2.113	50	23376	17.678	ug/l	97
4) Vinyl Chloride	2.247	62	30082	19.457	ug/l	99
5) Bromomethane	2.625	94	24911	20.901	ug/l	99
6) Chloroethane	2.784	64	22673	20.199	ug/l	91
7) Trichlorofluoromethane	3.119	101	50396	19.345	ug/l	97
8) Diethyl Ether	3.527	74	19653	19.236	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	31793	19.637	ug/l	96
10) Methyl Iodide	4.088	142	27052	17.016	ug/l	97
11) Tert butyl alcohol	4.966	59	33171	75.049	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	25265	18.688	ug/l	93
13) Acrolein	3.722	56	22165	122.180	ug/l	99
14) Allyl chloride	4.478	41	42855	17.879	ug/l	97
15) Acrylonitrile	5.161	53	66268	95.711	ug/l	99
16) Acetone	3.948	43	57089	74.928	ug/l	91
17) Carbon Disulfide	4.192	76	39286	16.512	ug/l #	91
18) Methyl Acetate	4.478	43	59076	21.158	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	109745	19.091	ug/l	98
20) Methylene Chloride	4.716	84	46474	23.117	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	28943	18.979	ug/l	88
22) Diisopropyl ether	6.118	45	109403	18.292	ug/l	95
23) Vinyl Acetate	6.064	43	304420	85.299	ug/l	95
24) 1,1-Dichloroethane	6.015	63	62259	19.227	ug/l	97
25) 2-Butanone	6.984	43	91289	84.621	ug/l	96
26) 2,2-Dichloropropane	6.984	77	46996	15.055	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	40784	19.578	ug/l	91
28) Bromochloromethane	7.332	49	30270	20.347	ug/l	90
29) Tetrahydrofuran	7.350	42	59152	91.700	ug/l	87
30) Chloroform	7.508	83	71026	19.566	ug/l	97
31) Cyclohexane	7.789	56	41130	18.115	ug/l #	83
32) 1,1,1-Trichloroethane	7.703	97	59380	19.224	ug/l	98
36) 1,1-Dichloropropene	7.923	75	41937	18.271	ug/l	98
37) Ethyl Acetate	7.076	43	38055	17.787	ug/l #	94
38) Carbon Tetrachloride	7.899	117	50879	18.730	ug/l	98
39) Methylcyclohexane	9.185	83	46496	18.070	ug/l	95
40) Benzene	8.161	78	131445	18.942	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	55415	50.230	ug/l #	30
42) 1,2-Dichloroethane	8.240	62	49482	19.634	ug/l	95
43) Isopropyl Acetate	8.277	43	70298	18.043	ug/l	97
44) Trichloroethene	8.941	130	39367	19.691	ug/l	91
45) 1,2-Dichloropropane	9.215	63	37109	18.964	ug/l	98
46) Dibromomethane	9.307	93	24090	19.519	ug/l	98
47) Bromodichloromethane	9.496	83	57015	19.360	ug/l	99
48) Methyl methacrylate	9.295	41	30715	18.429	ug/l	92
49) 1,4-Dioxane	9.295	88	8851	358.642	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	209677	92.859	ug/l	93
52) Toluene	10.246	92	87092	19.041	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	54594	17.639	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	58958	18.087	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	36013	19.191	ug/l	96
56) Ethyl methacrylate	10.514	69	50256	18.299	ug/l	91
57) 1,3-Dichloropropane	10.788	76	58565	19.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	126320	98.835	ug/l	92
59) 2-Hexanone	10.831	43	149701	89.578	ug/l	92
60) Dibromochloromethane	10.983	129	43400	19.388	ug/l	98
61) 1,2-Dibromoethane	11.087	107	33834	18.979	ug/l	99
64) Tetrachloroethene	10.721	164	42986	21.195	ug/l	96
65) Chlorobenzene	11.514	112	104473	19.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	41951	19.493	ug/l	99
67) Ethyl Benzene	11.593	91	174058	18.730	ug/l	99
68) m/p-Xylenes	11.703	106	135773	38.468	ug/l	93
69) o-Xylene	12.032	106	66466	18.904	ug/l	99
70) Styrene	12.044	104	115536	18.986	ug/l	97
71) Bromoform	12.209	173	29354	18.816	ug/l #	100
73) Isopropylbenzene	12.331	105	179842	18.733	ug/l	100
74) N-amyl acetate	12.142	43	58878	16.986	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	46588	18.633	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	60038	33.100	ug/l #	100
77) Bromobenzene	12.611	156	45762	19.556	ug/l	99
78) n-propylbenzene	12.672	91	212000	18.596	ug/l	99
79) 2-Chlorotoluene	12.757	91	123645	18.801	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	150177	18.766	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	13038	15.788	ug/l	98
82) 4-Chlorotoluene	12.855	91	125394	18.456	ug/l	98
83) tert-Butylbenzene	13.074	119	136119	18.596	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	150436	18.813	ug/l	98
85) sec-Butylbenzene	13.251	105	201475	18.786	ug/l	100
86) p-Isopropyltoluene	13.367	119	166747	18.753	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	88352	19.035	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	90259	19.388	ug/l	98
89) n-Butylbenzene	13.696	91	153739	18.338	ug/l	97
90) Hexachloroethane	13.958	117	32370	18.350	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	84343	19.452	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8807	18.183	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	53242	19.126	ug/l	99
94) Hexachlorobutadiene	15.111	225	29044	19.181	ug/l	99
95) Naphthalene	15.233	128	129419	18.664	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	48539	19.308	ug/l	99

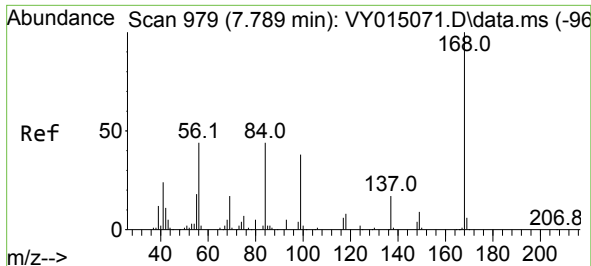
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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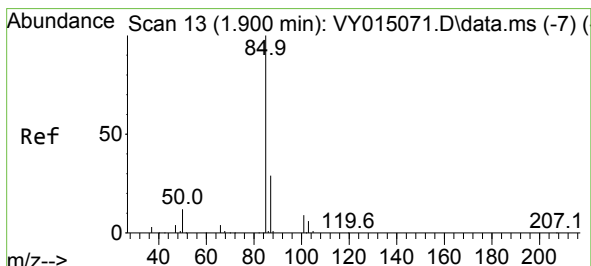
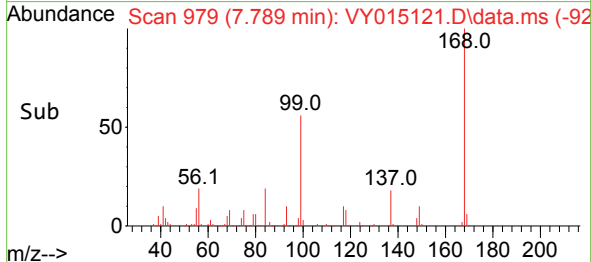
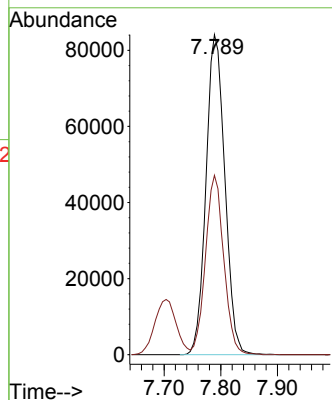
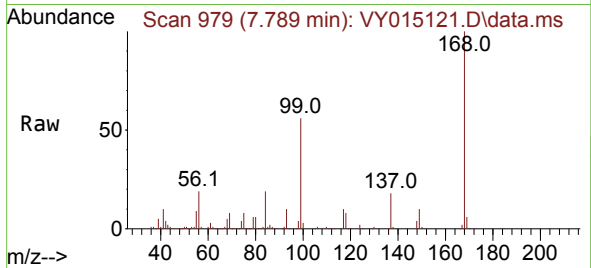
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

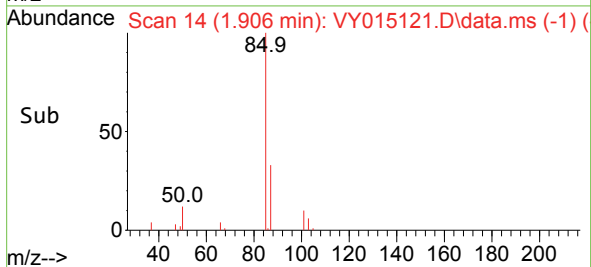
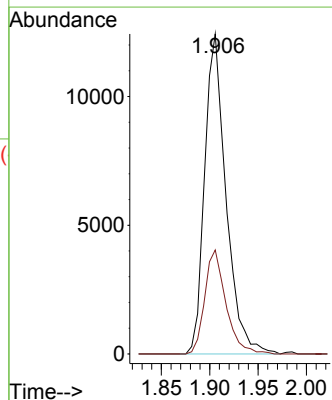
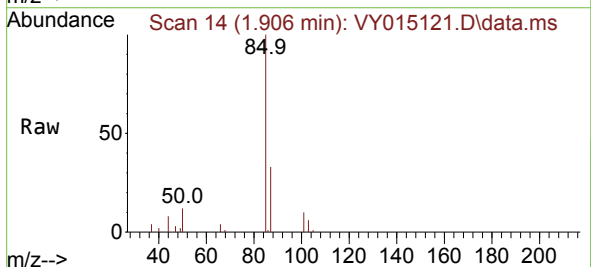
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ClientSampleId :

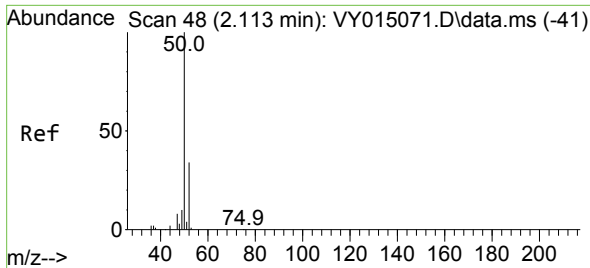
Tgt Ion:168 Resp: 194291
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.006 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 85 Resp: 19156
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8

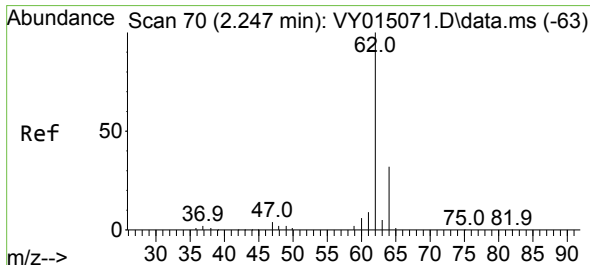
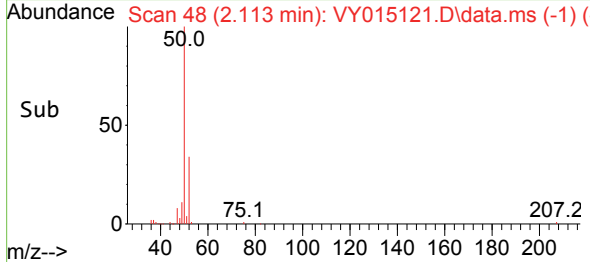
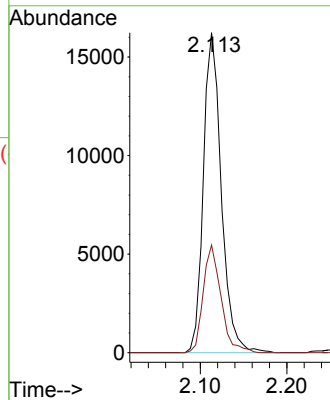
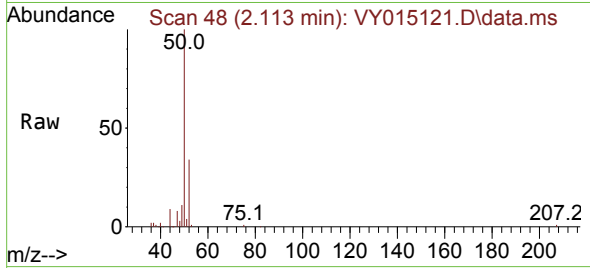




#3
Chloromethane
Concen: 17.678 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

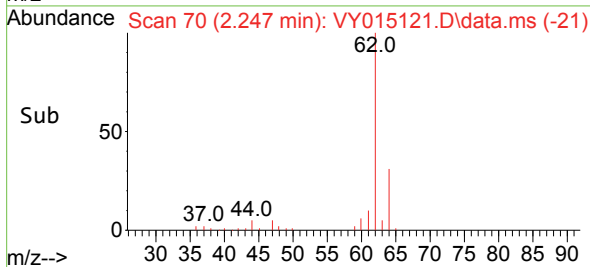
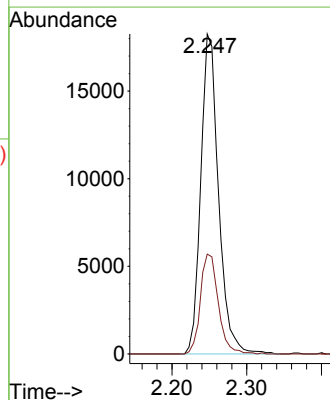
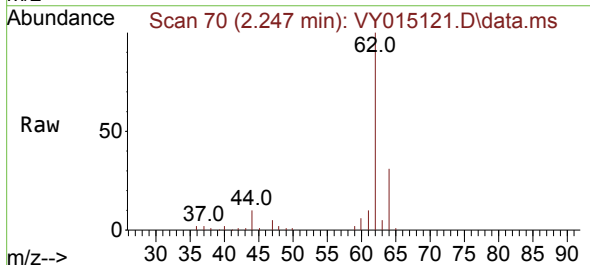
Instrument :
MSVOA_Y
ClientSampleId :

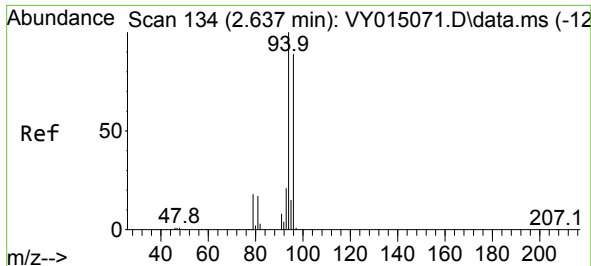
Tgt Ion: 50 Resp: 23376
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2



#4
Vinyl Chloride
Concen: 19.457 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

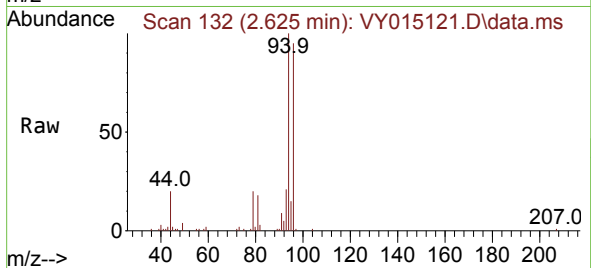
Tgt Ion: 62 Resp: 30082
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5



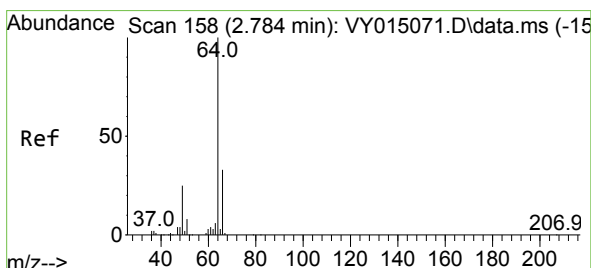
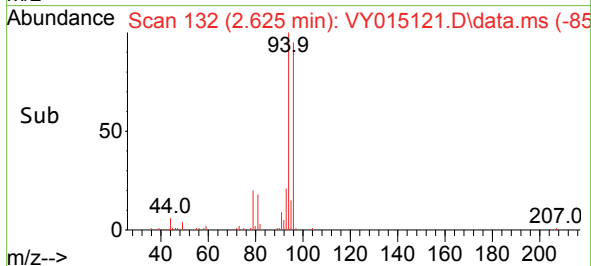
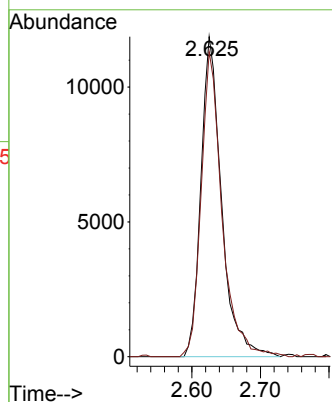


#5
Bromomethane
Concen: 20.901 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Instrument :
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ClientSampleId :

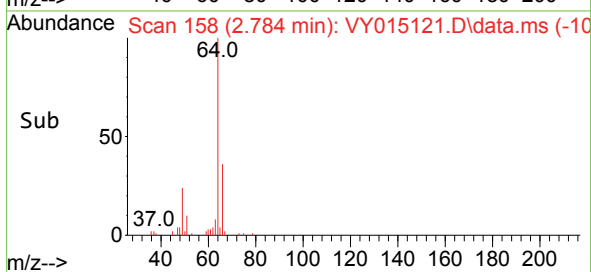
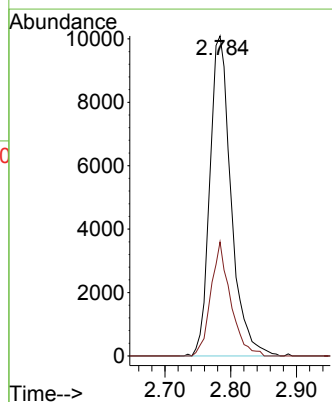
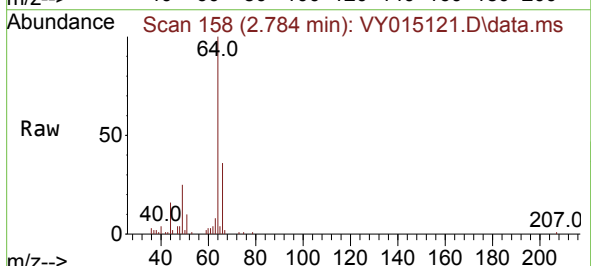


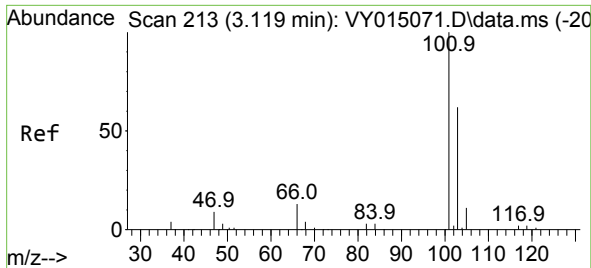
Tgt Ion: 94 Resp: 24911
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.6



#6
Chloroethane
Concen: 20.199 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 64 Resp: 22673
Ion Ratio Lower Upper
64 100
66 35.7 24.4 36.6

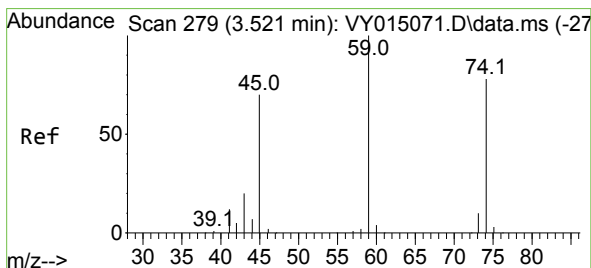
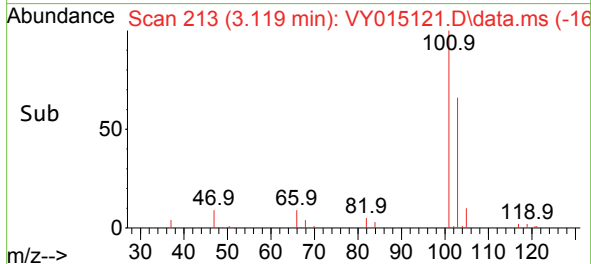
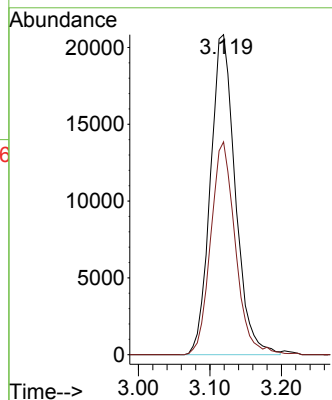
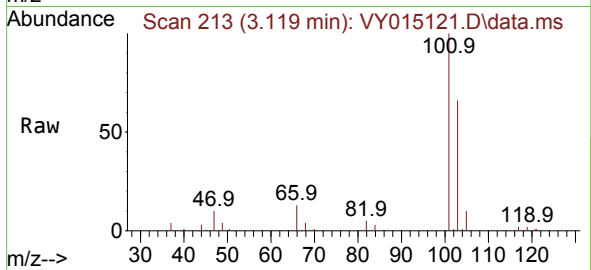




#7
 Trichlorofluoromethane
 Concen: 19.345 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015121.D
 Acq: 15 Aug 2023 22:57

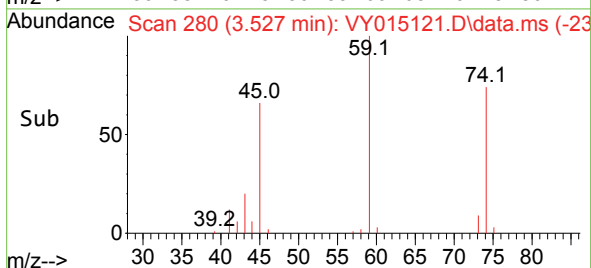
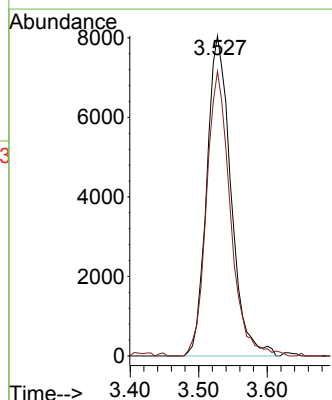
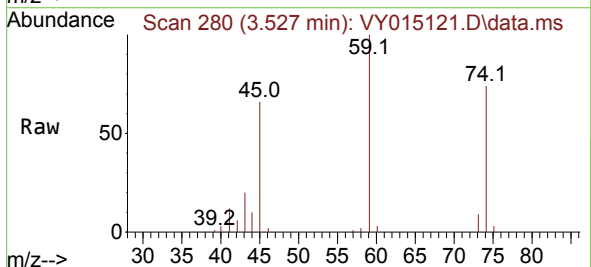
Instrument :
 MSVOA_Y
 ClientSampleId :

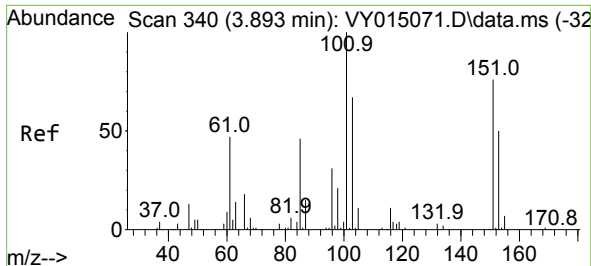
Tgt Ion:101 Resp: 50396
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.236 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015121.D
 Acq: 15 Aug 2023 22:57

Tgt Ion: 74 Resp: 19653
 Ion Ratio Lower Upper
 74 100
 45 88.2 51.5 154.5

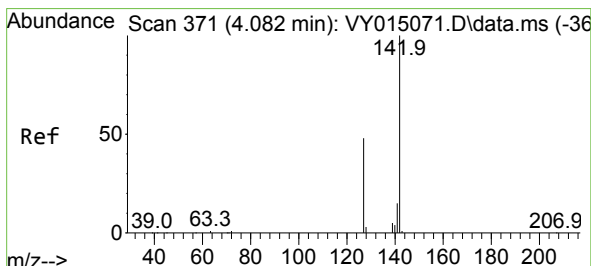
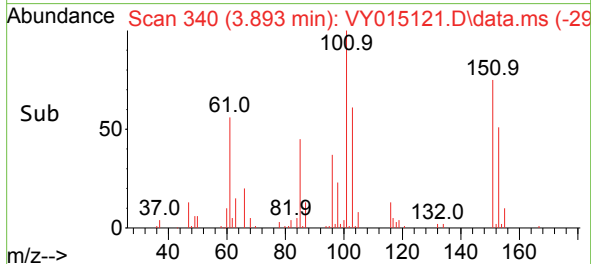
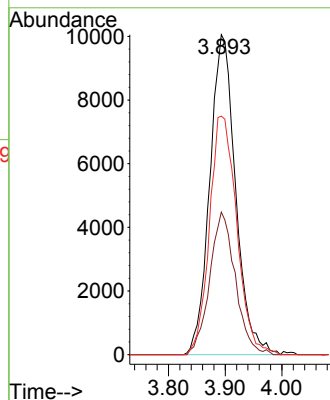
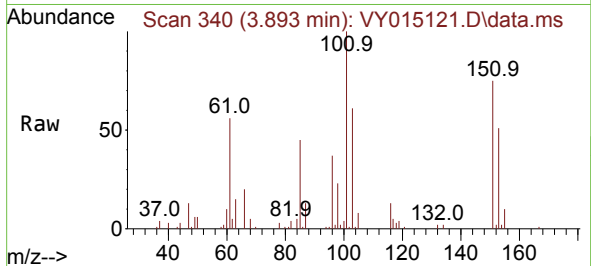




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.637 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015121.D
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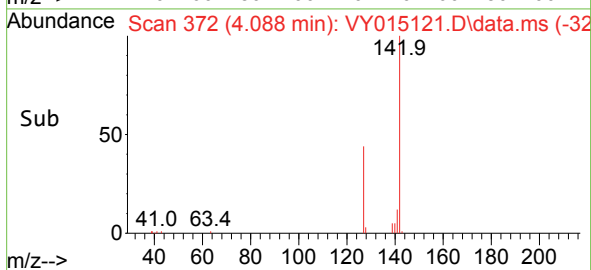
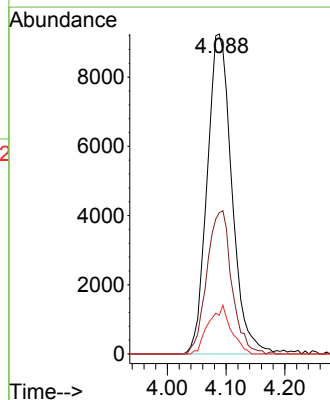
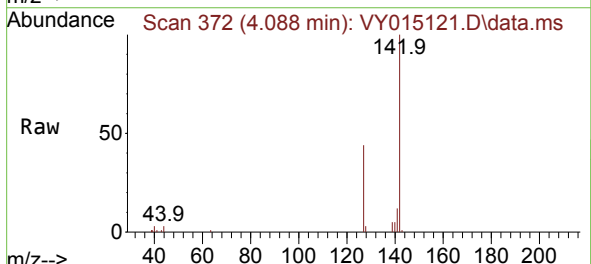
Instrument :
MSVOA_Y
ClientSampleId :

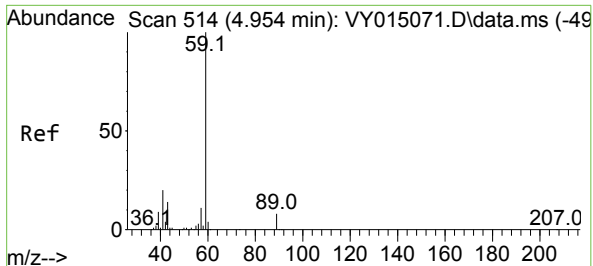
Tgt Ion:101 Resp: 31793
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 78.7 67.0 100.6



#10
Methyl Iodide
Concen: 17.016 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

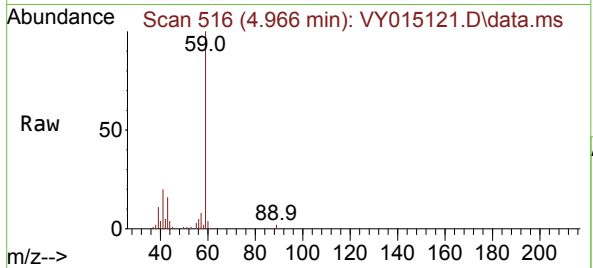
Tgt Ion:142 Resp: 27052
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.9 11.8 17.8



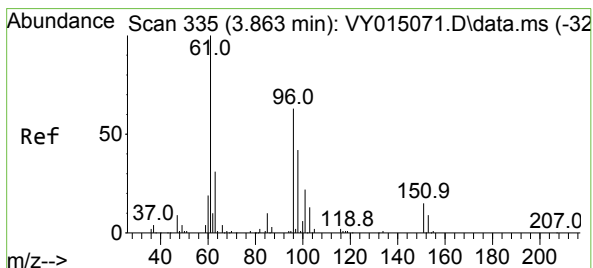
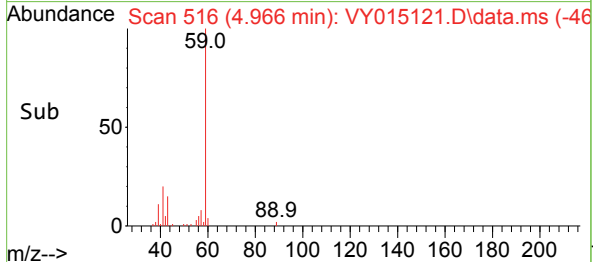
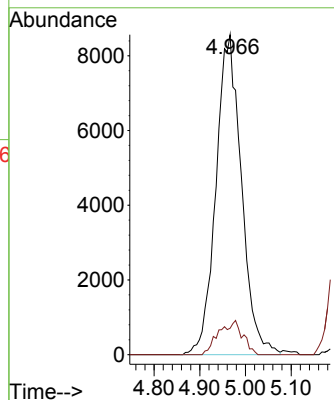


#11
Tert butyl alcohol
Concen: 75.049 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Instrument :
MSVOA_Y
ClientSampleId :

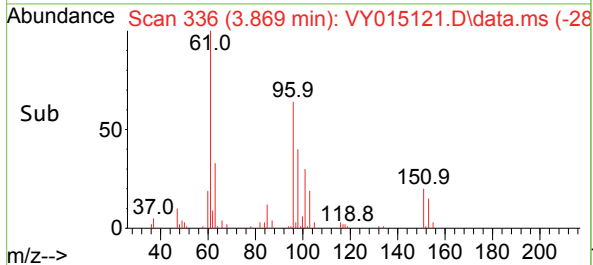
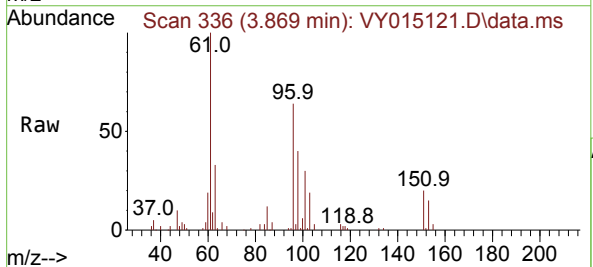
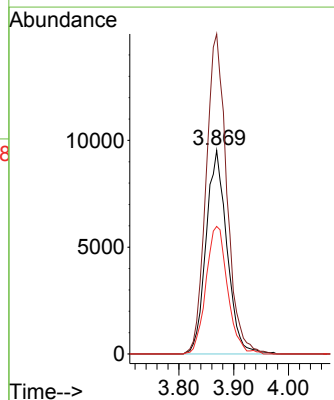


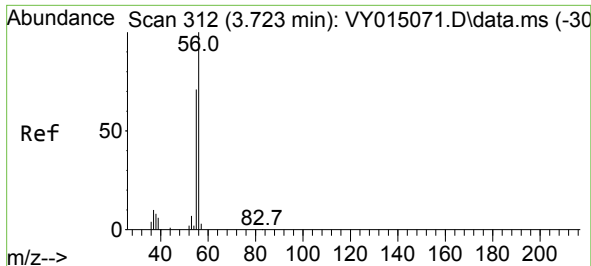
Tgt Ion: 59 Resp: 33171
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.688 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 96 Resp: 25265
Ion Ratio Lower Upper
96 100
61 157.2 136.4 204.6
98 62.7 49.4 74.2

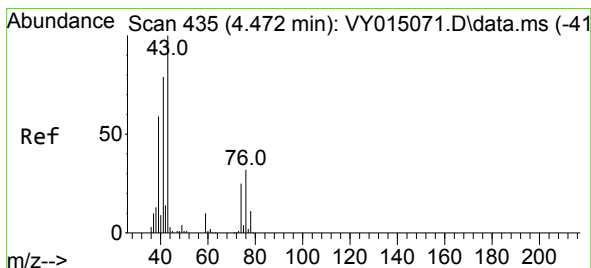
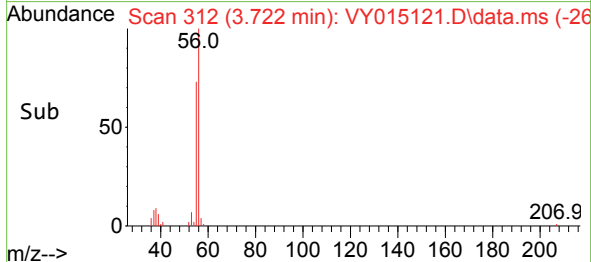
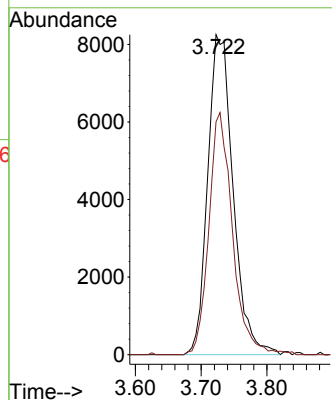
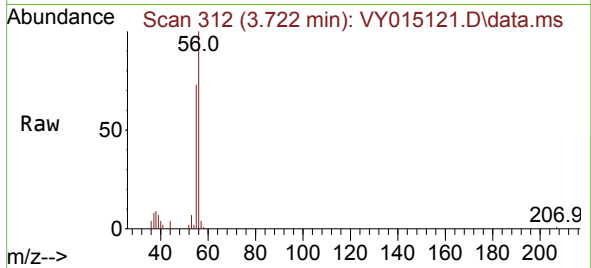




#13
Acrolein
Concen: 122.180 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

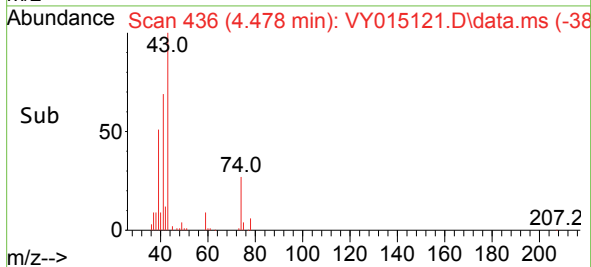
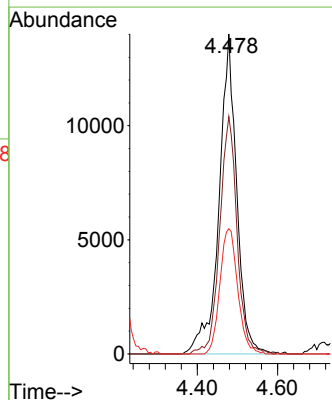
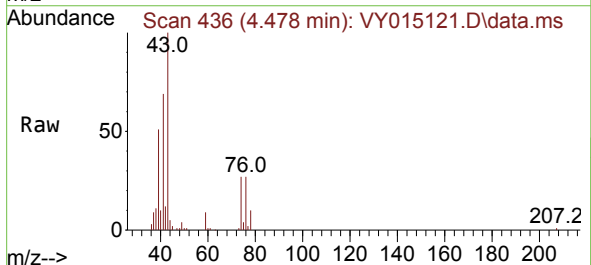
Instrument :
MSVOA_Y
ClientSampleId :

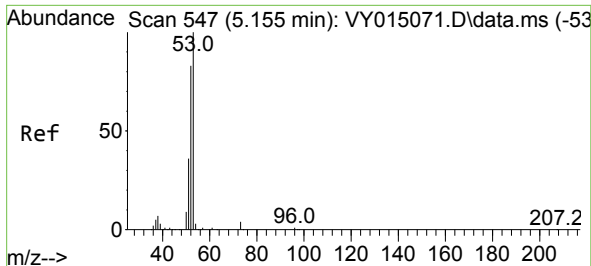
Tgt Ion: 56 Resp: 22165
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.4



#14
Allyl chloride
Concen: 17.879 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

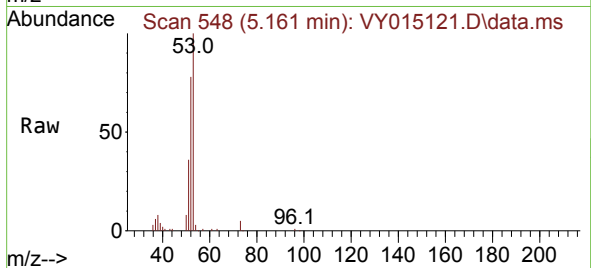
Tgt Ion: 41 Resp: 42855
Ion Ratio Lower Upper
41 100
39 72.8 58.0 87.0
76 39.5 27.4 41.2



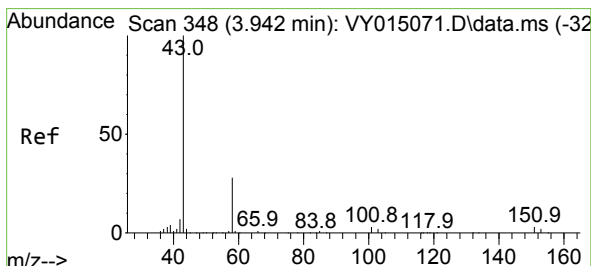
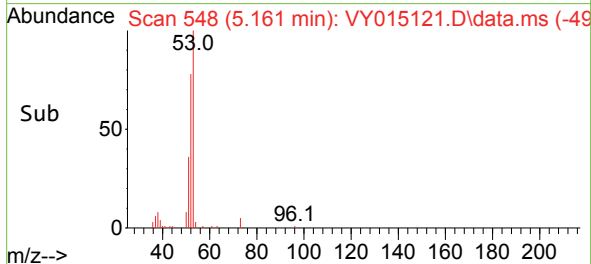
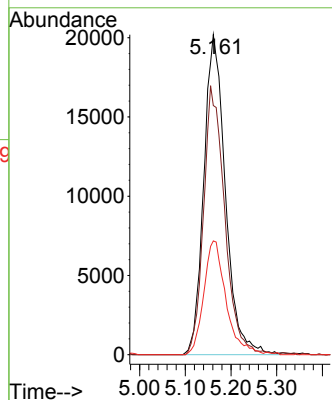


#15
Acrylonitrile
Concen: 95.711 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Instrument :
MSVOA_Y
ClientSampleId :

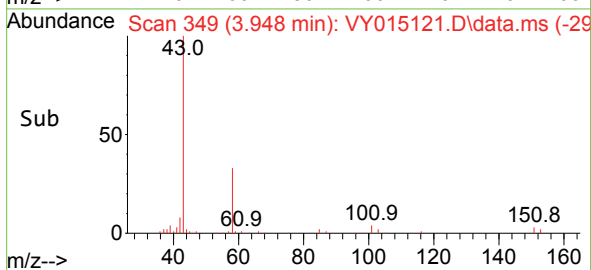
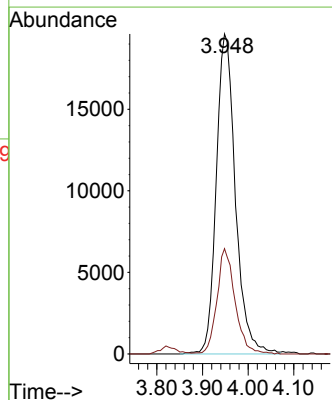
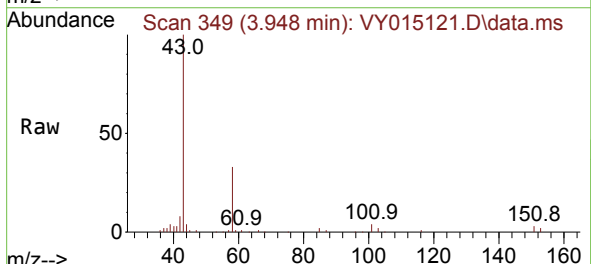


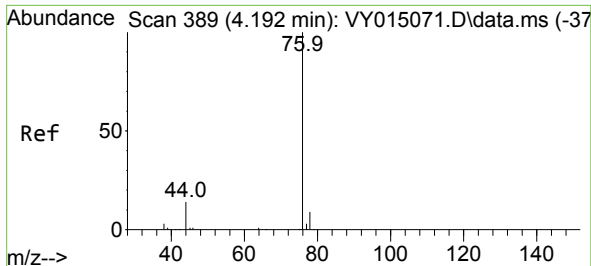
Tgt Ion: 53 Resp: 66268
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 74.928 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 43 Resp: 57089
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

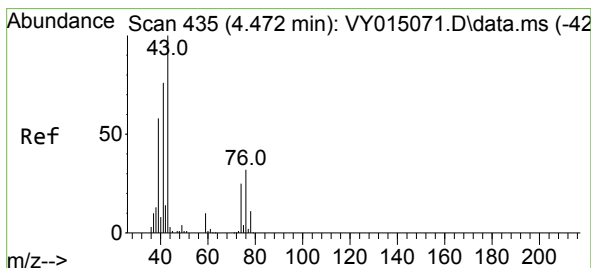
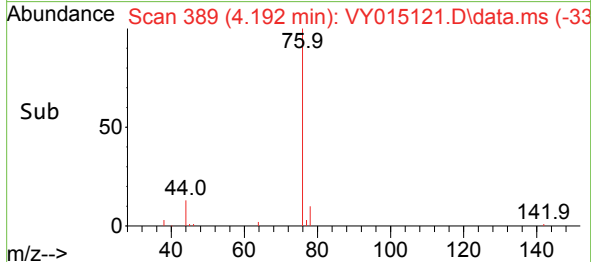
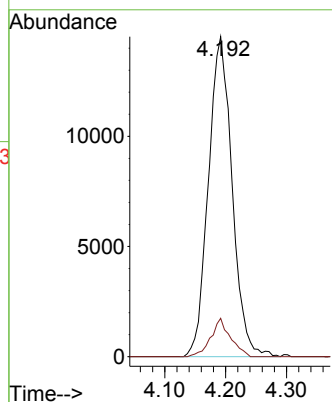
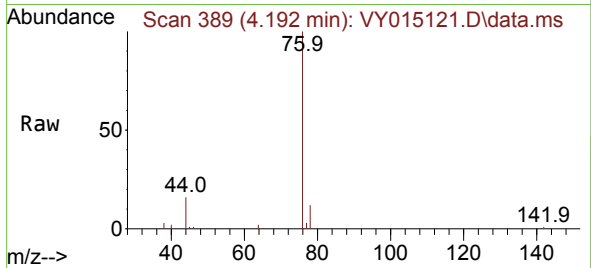




#17
Carbon Disulfide
Concen: 16.512 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

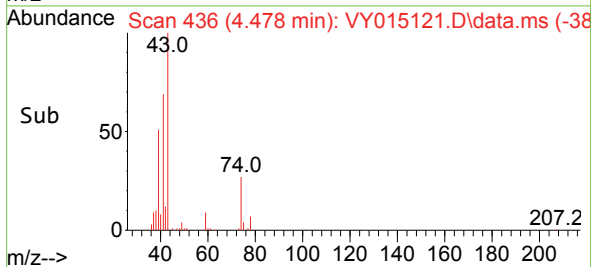
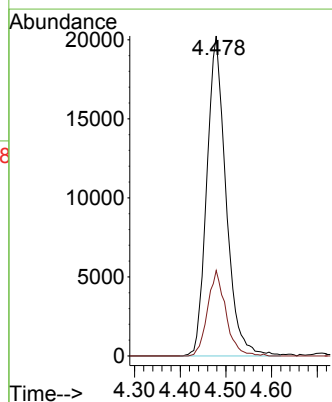
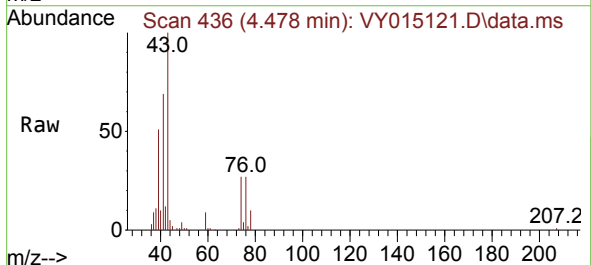
Instrument :
MSVOA_Y
ClientSampleId :

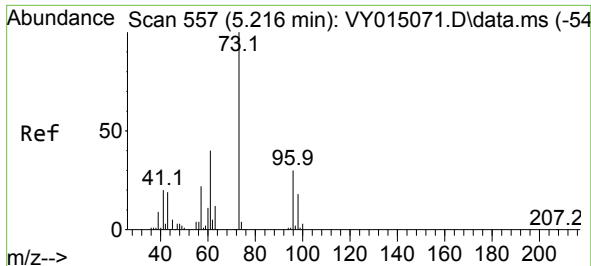
Tgt Ion: 76 Resp: 39286
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.4#



#18
Methyl Acetate
Concen: 21.158 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 43 Resp: 59076
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0

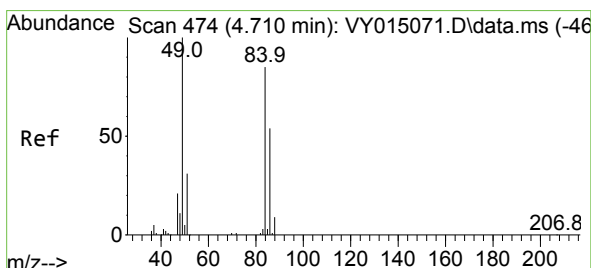
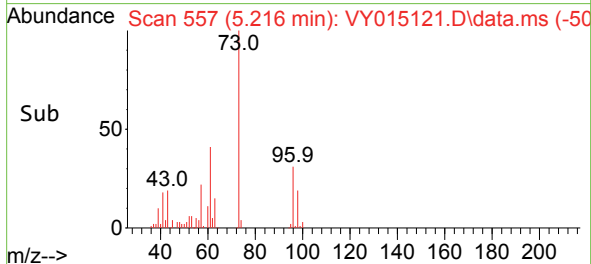
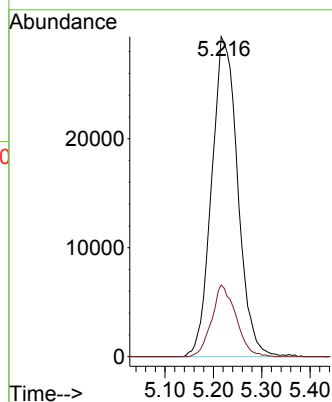
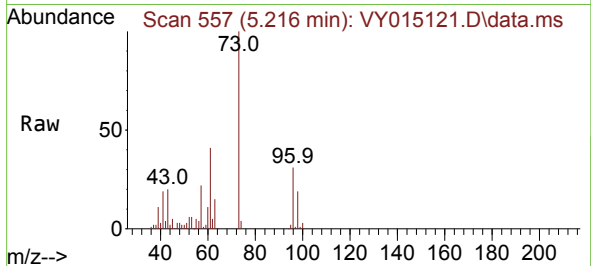




#19
Methyl tert-butyl Ether
Concen: 19.091 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

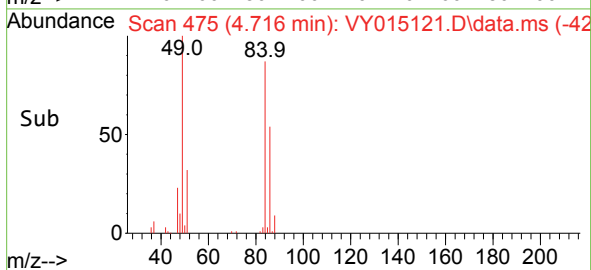
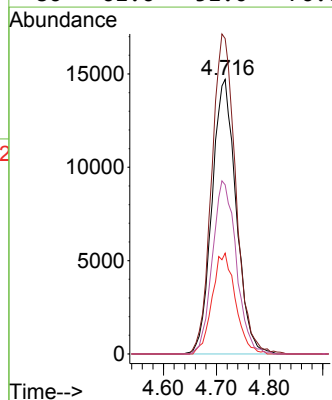
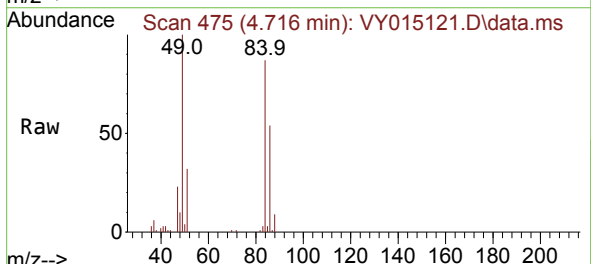
Instrument :
MSVOA_Y
ClientSampleId :

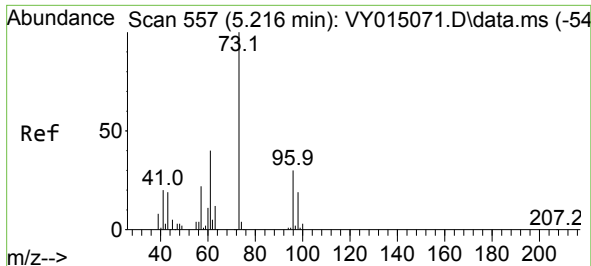
Tgt Ion: 73 Resp: 109745
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 23.117 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

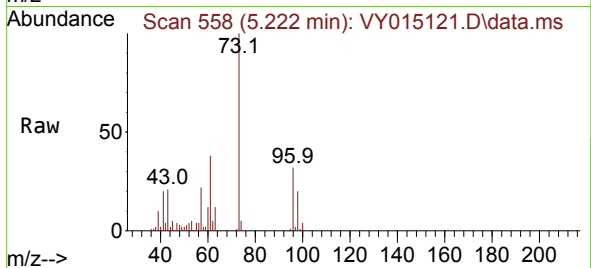
Tgt Ion: 84 Resp: 46474
Ion Ratio Lower Upper
84 100
49 114.9 106.9 160.3
51 36.7 33.2 49.8
86 61.6 51.0 76.6



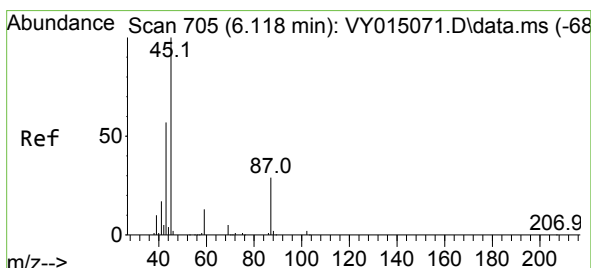
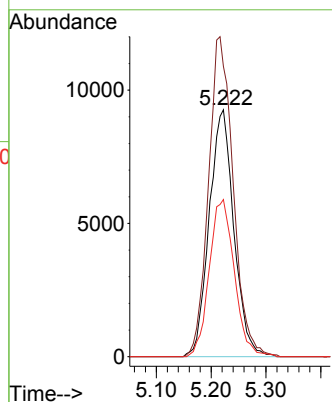
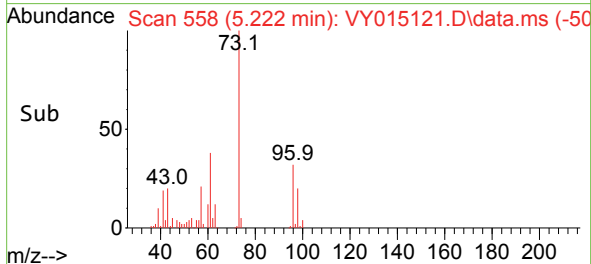


#21
trans-1,2-Dichloroethene
Concen: 18.979 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Instrument :
MSVOA_Y
ClientSampleId :

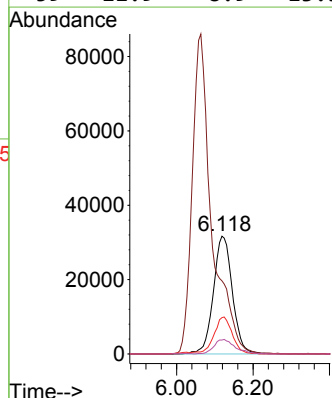
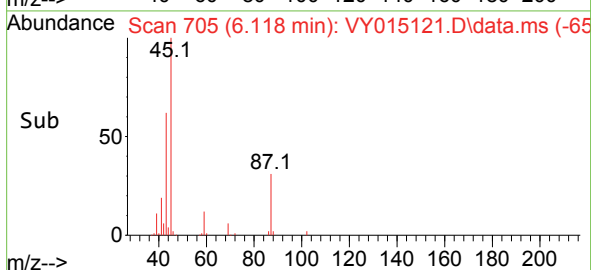
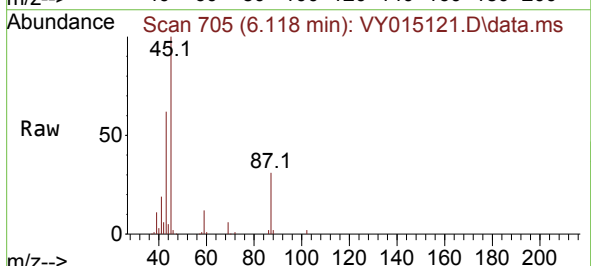


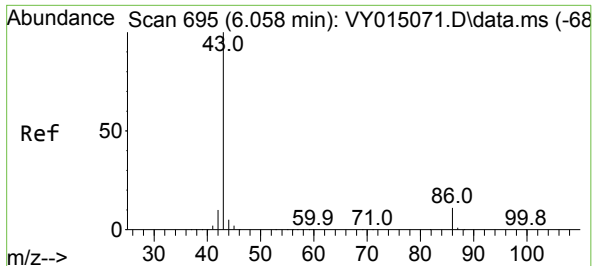
Tgt Ion: 96 Resp: 28943
Ion Ratio Lower Upper
96 100
61 117.6 110.2 165.4
98 63.6 51.8 77.6



#22
Diisopropyl ether
Concen: 18.292 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 45 Resp: 109403
Ion Ratio Lower Upper
45 100
43 61.7 52.2 78.4
87 30.8 21.0 31.6
59 11.9 8.9 13.3

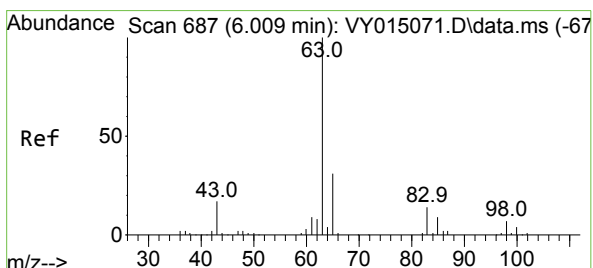
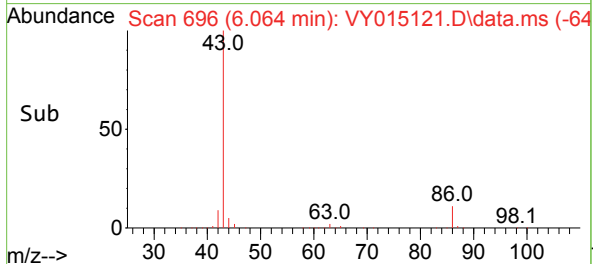
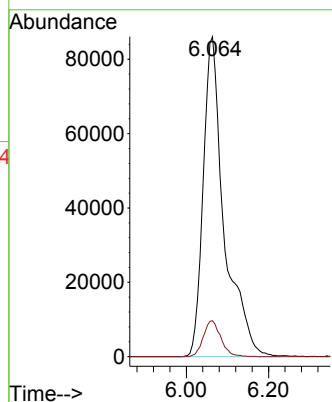
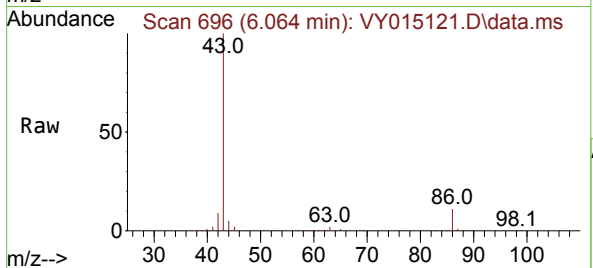




#23
 Vinyl Acetate
 Concen: 85.299 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY015121.D
 Acq: 15 Aug 2023 22:57

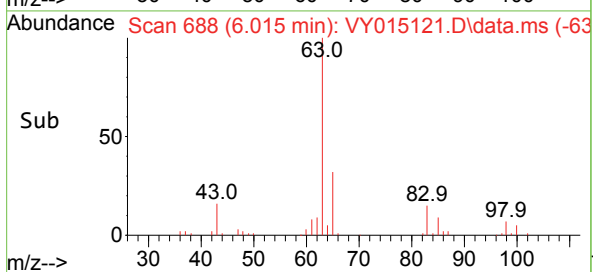
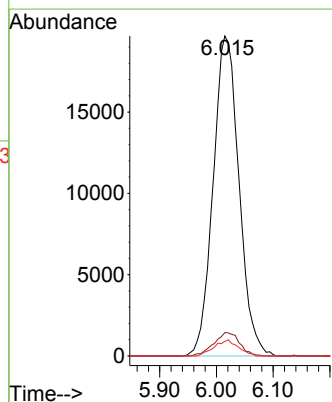
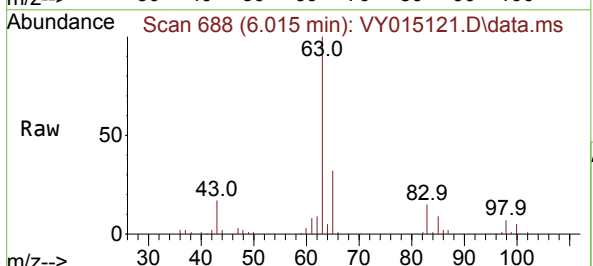
Instrument :
 MSVOA_Y
 ClientSampleId :

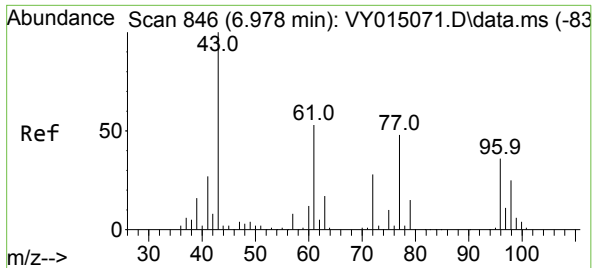
Tgt Ion: 43 Resp: 304420
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.227 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015121.D
 Acq: 15 Aug 2023 22:57

Tgt Ion: 63 Resp: 62259
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.6 1.8 5.5

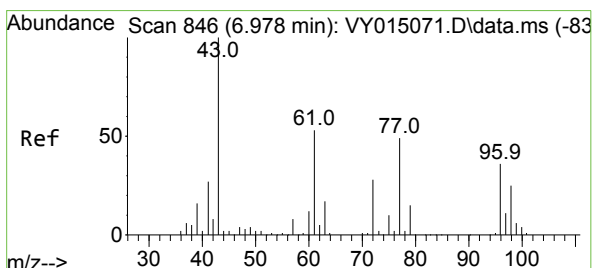
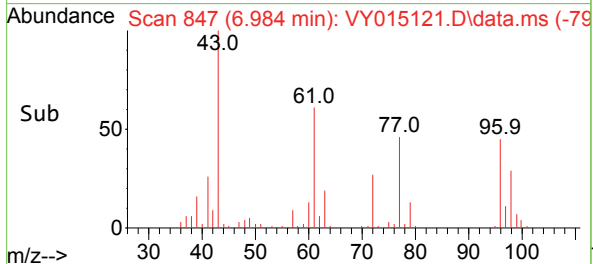
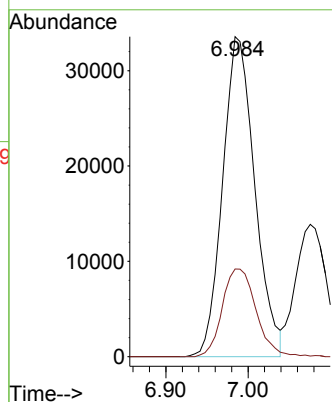
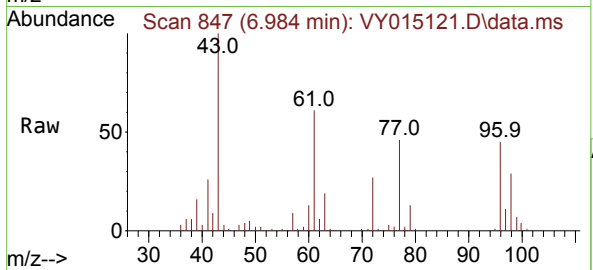




#25
2-Butanone
Concen: 84.621 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

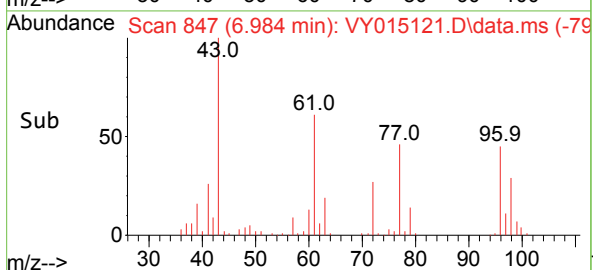
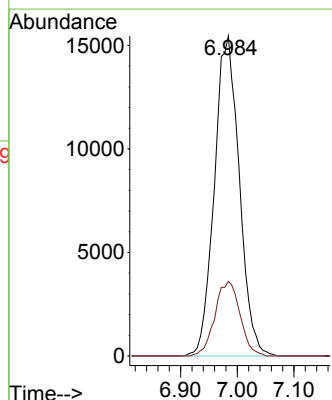
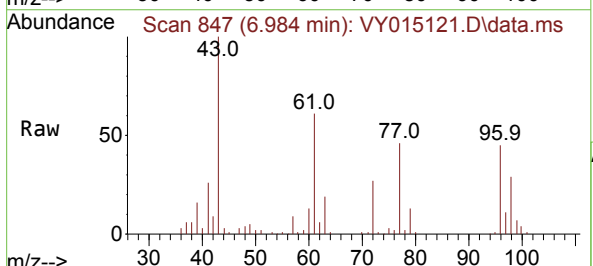
Instrument :
MSVOA_Y
ClientSampleId :

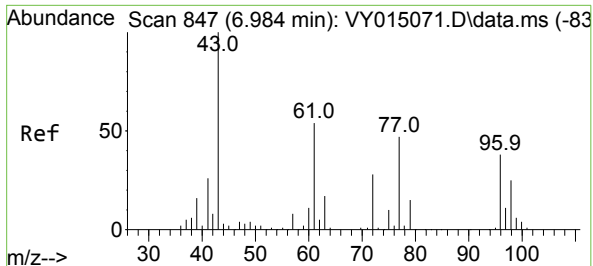
Tgt Ion: 43 Resp: 91289
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 15.055 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 77 Resp: 46996
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.578 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

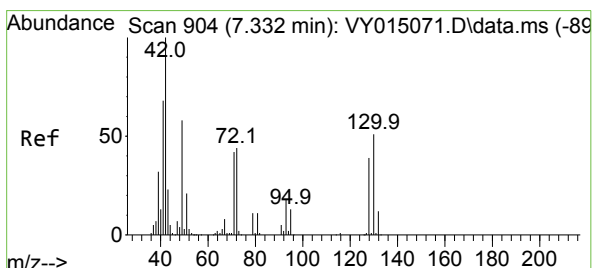
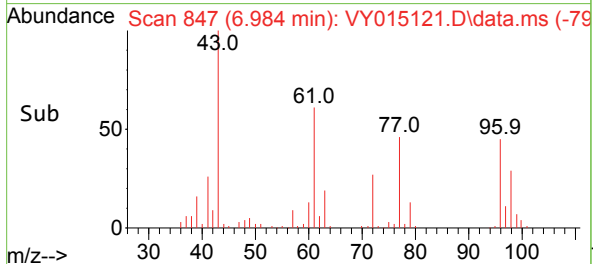
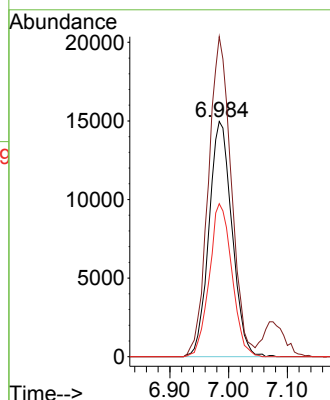
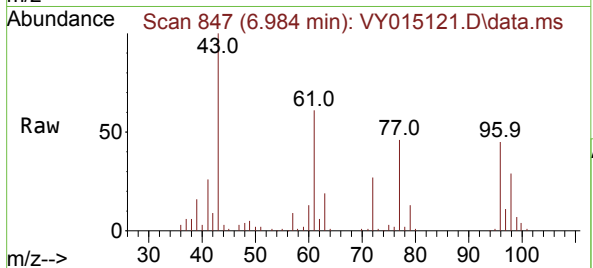
Tgt Ion: 96 Resp: 40784

Ion Ratio Lower Upper

96 100

61 135.6 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 20.347 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

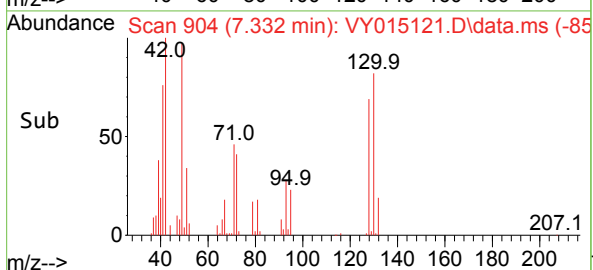
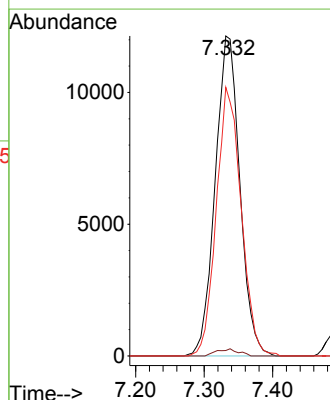
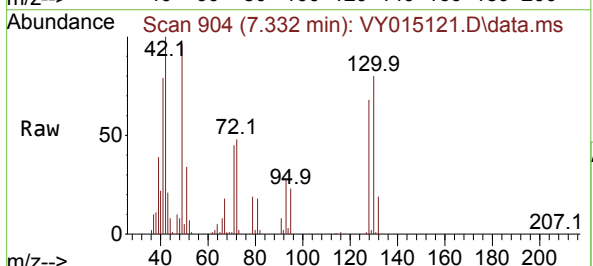
Tgt Ion: 49 Resp: 30270

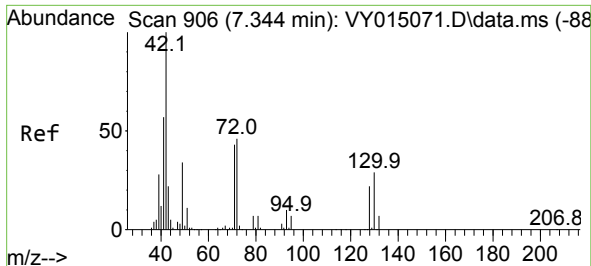
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 84.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 91.700 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015121.D

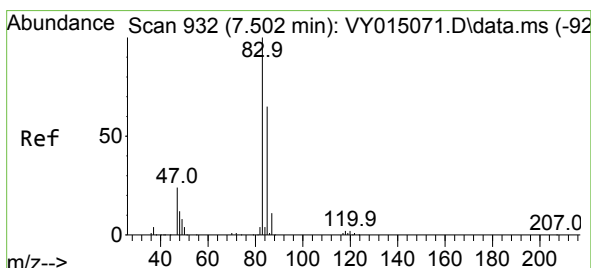
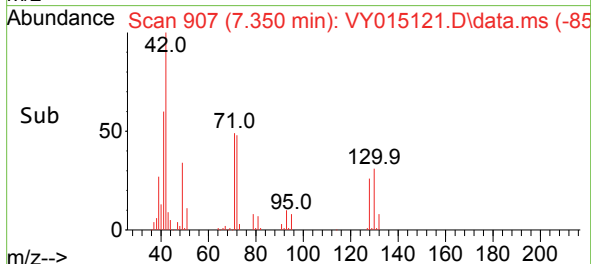
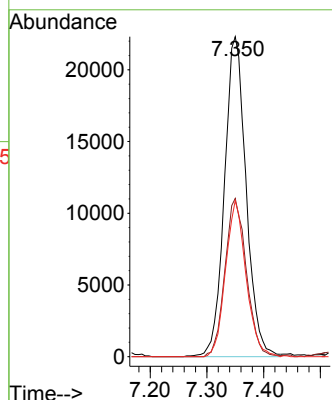
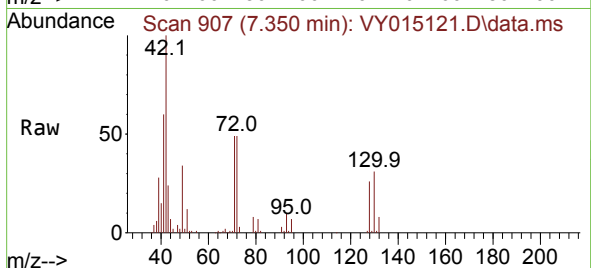
Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	59152
Ion	Ratio	Lower	Upper
42	100		
72	49.0	32.8	49.2
71	46.2	31.0	46.4



#30

Chloroform

Concen: 19.566 ug/l

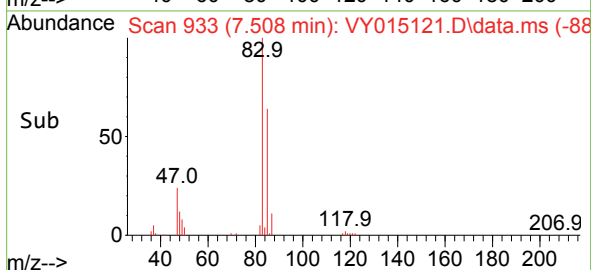
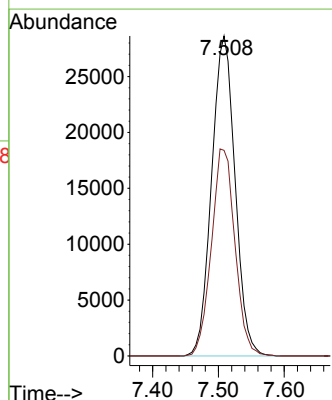
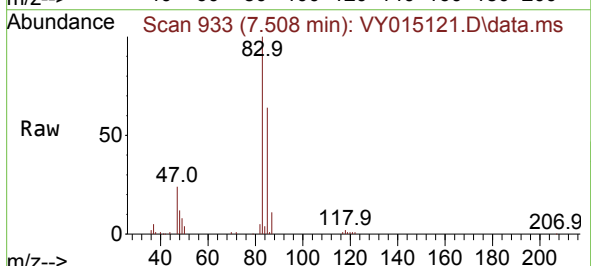
RT: 7.508 min Scan# 933

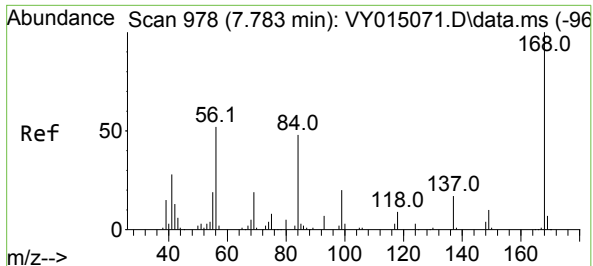
Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Tgt Ion:	83	Resp:	71026
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.7	74.5

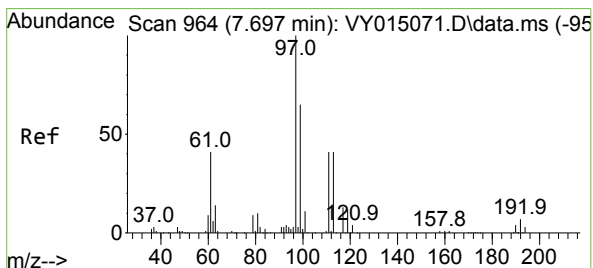
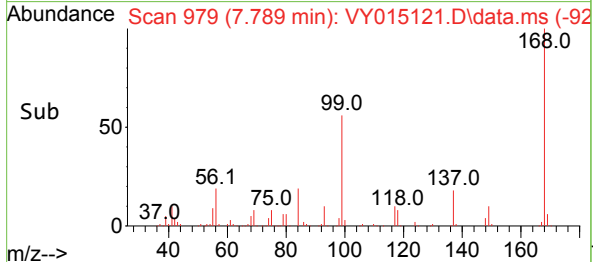
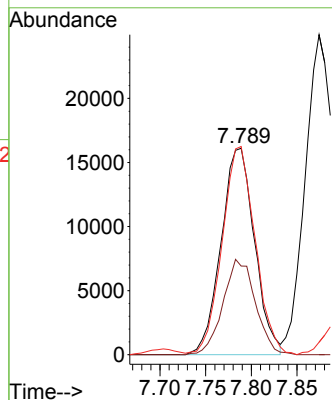
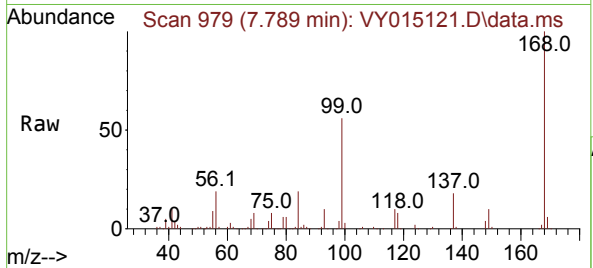




#31
Cyclohexane
Concen: 18.115 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

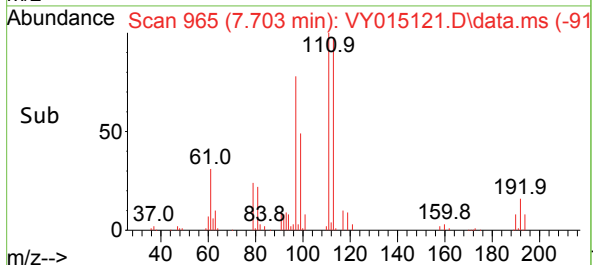
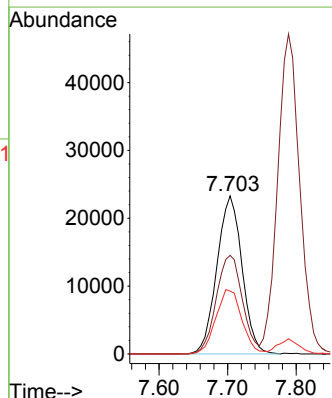
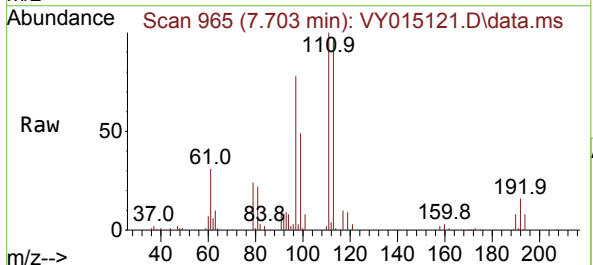
Instrument :
MSVOA_Y
ClientSampleId :

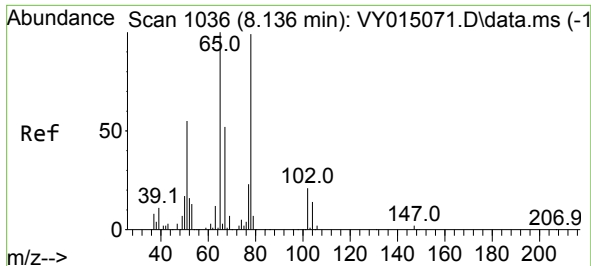
Tgt Ion: 56 Resp: 41130
Ion Ratio Lower Upper
56 100
69 43.0 27.8 41.6#
84 99.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 19.224 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 97 Resp: 59380
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.353 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

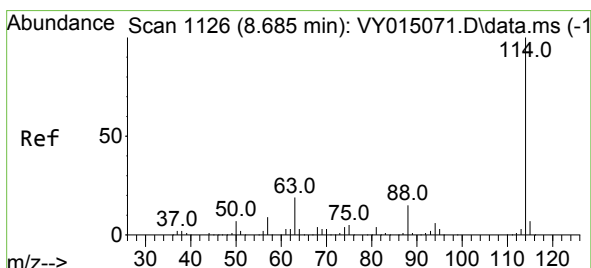
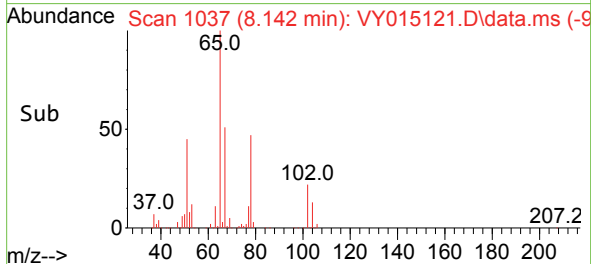
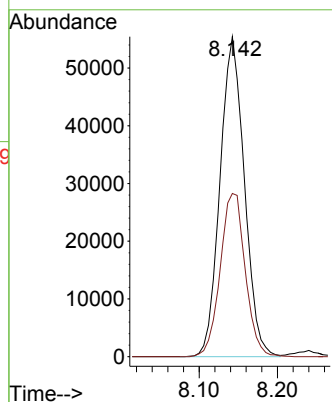
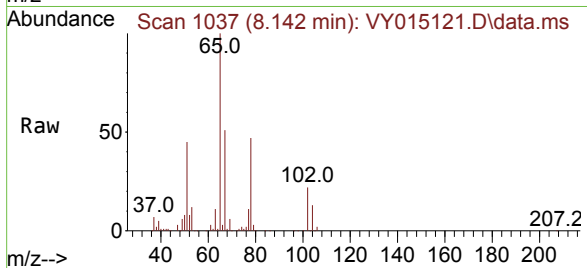
ClientSampleId :

Tgt Ion: 65 Resp: 119769

Ion Ratio Lower Upper

65 100

67 52.5 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: VY015121.D

Acq: 15 Aug 2023 22:57

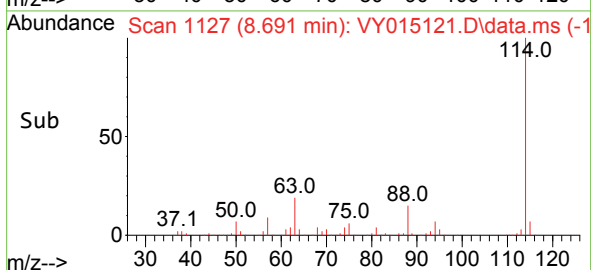
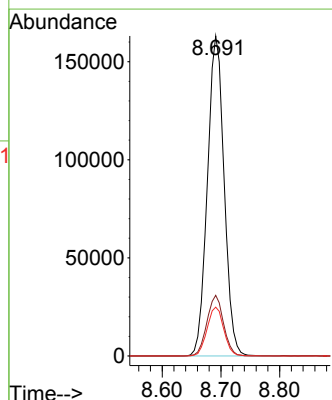
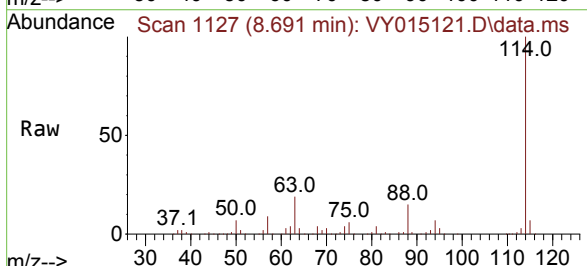
Tgt Ion: 114 Resp: 322491

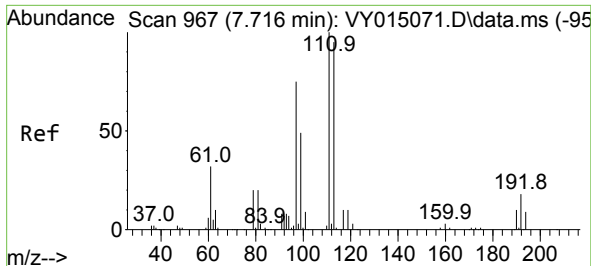
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

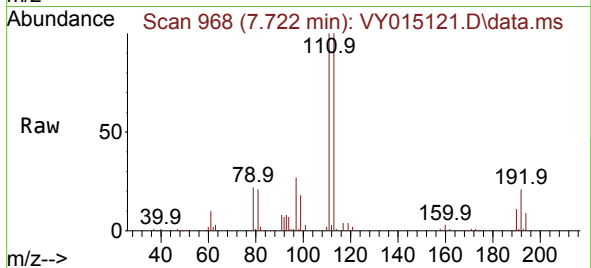
88 15.2 0.0 30.6



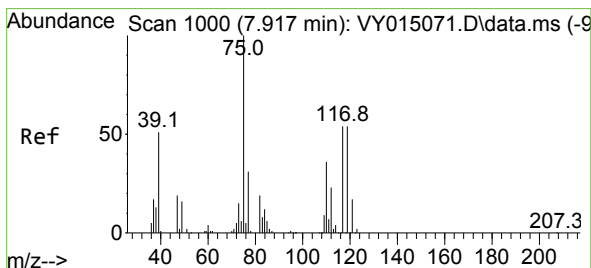
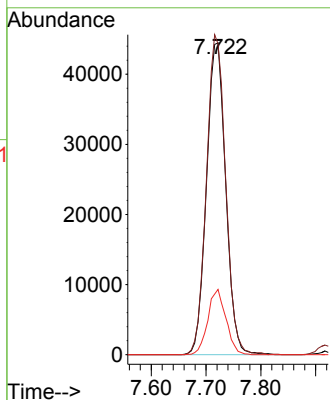
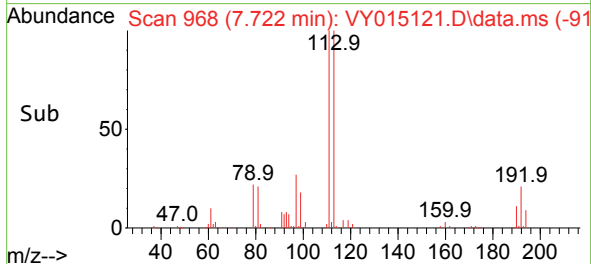


#35
Dibromofluoromethane
Concen: 52.027 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

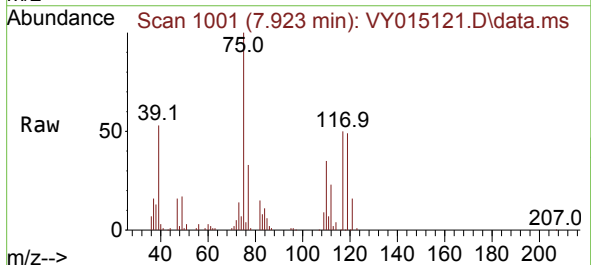
Instrument :
MSVOA_Y
ClientSampleId :



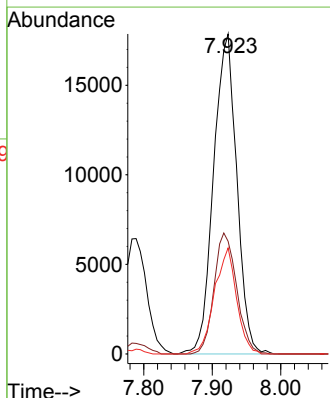
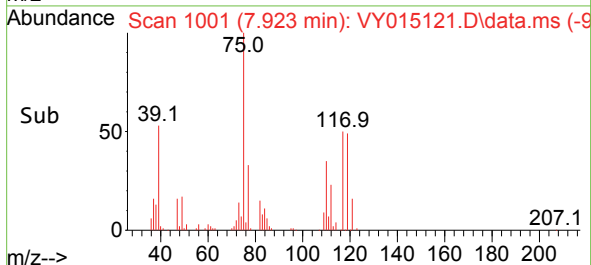
Tgt Ion:113 Resp: 107941
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.8 16.9 25.3

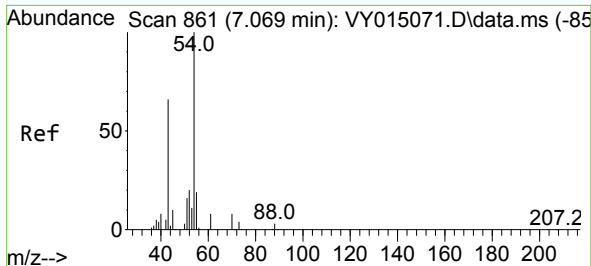


#36
1,1-Dichloropropene
Concen: 18.271 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57



Tgt Ion: 75 Resp: 41937
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 17.787 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

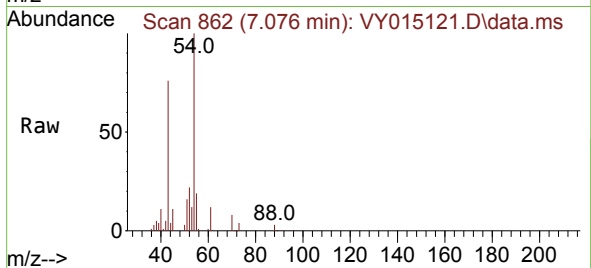
Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :



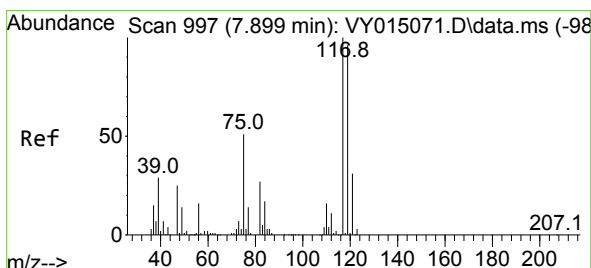
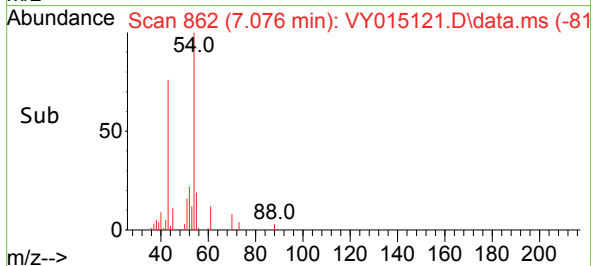
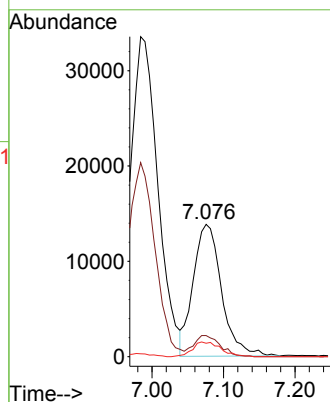
Tgt Ion: 43 Resp: 38055

Ion Ratio Lower Upper

43 100

61 15.0 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.730 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

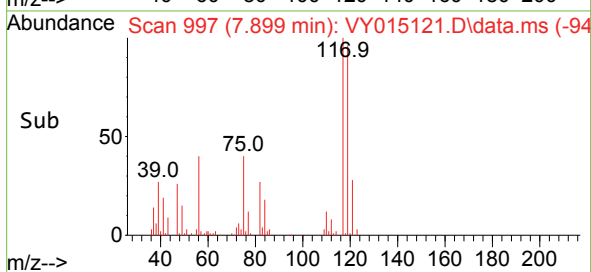
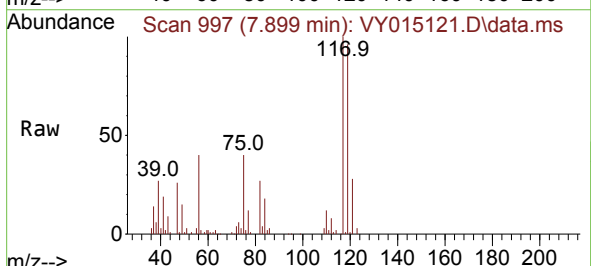
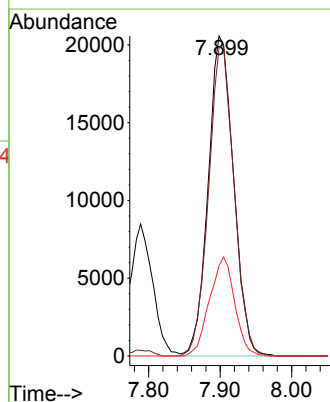
Tgt Ion: 117 Resp: 50879

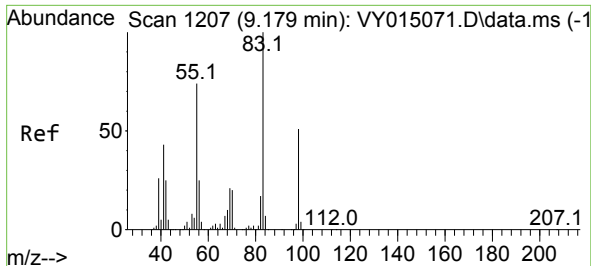
Ion Ratio Lower Upper

117 100

119 96.4 76.4 114.6

121 28.3 25.8 38.6





#39

Methylcyclohexane

Concen: 18.070 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

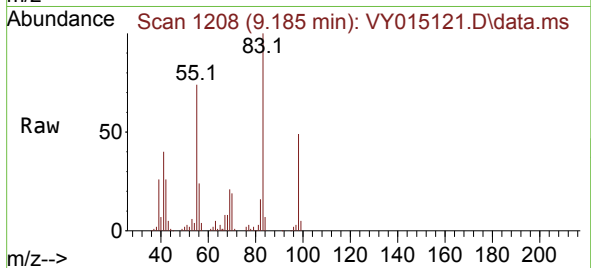
Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :



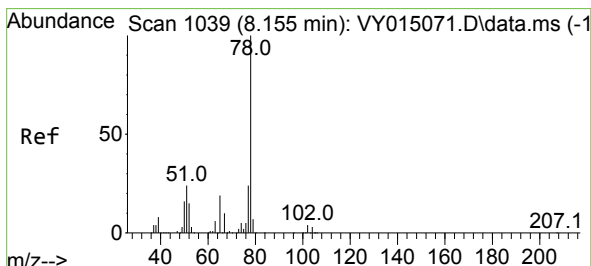
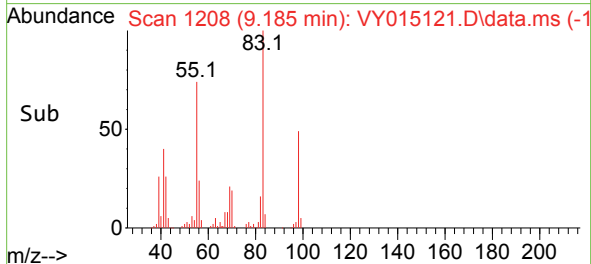
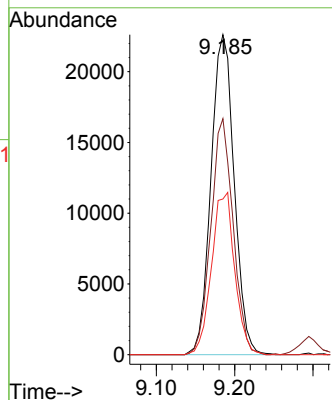
Tgt Ion: 83 Resp: 46496

Ion Ratio Lower Upper

83 100

55 73.8 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 18.942 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015121.D

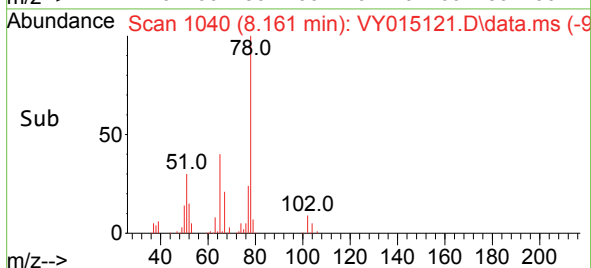
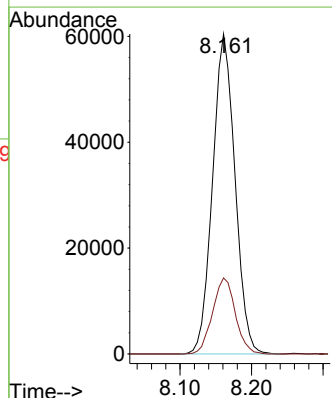
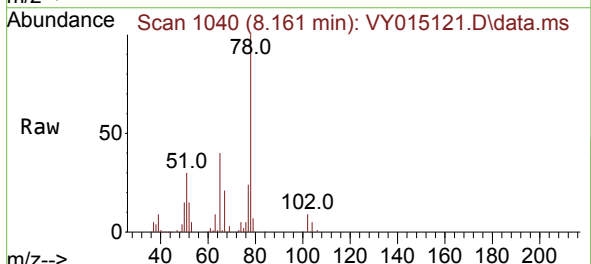
Acq: 15 Aug 2023 22:57

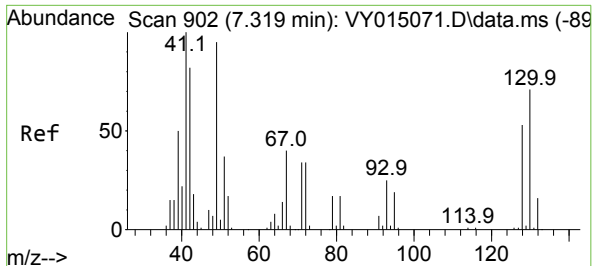
Tgt Ion: 78 Resp: 131445

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

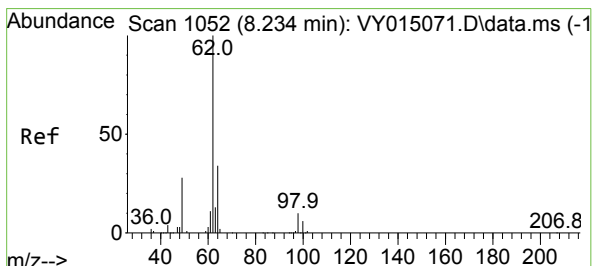
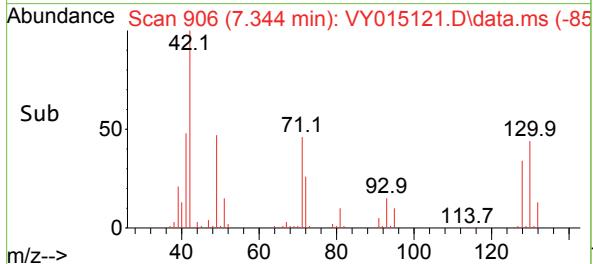
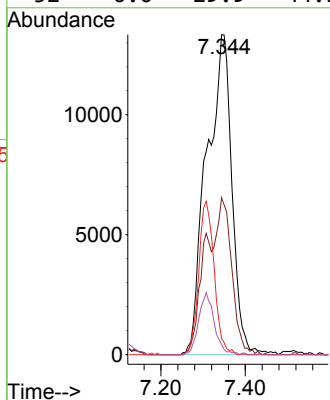
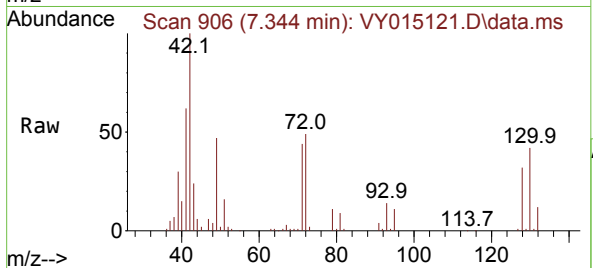




#41
Methacrylonitrile
Concen: 50.230 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

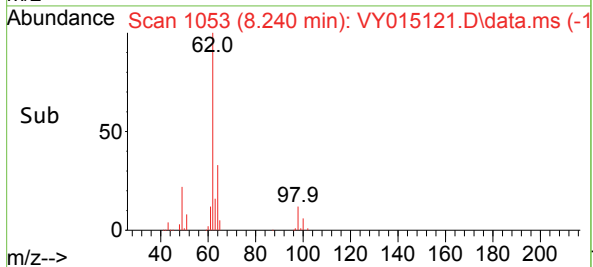
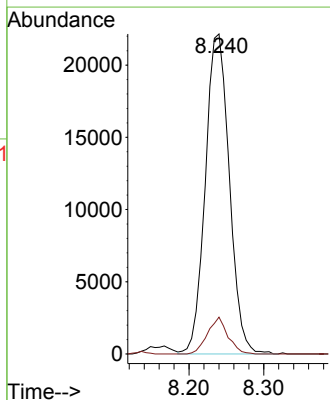
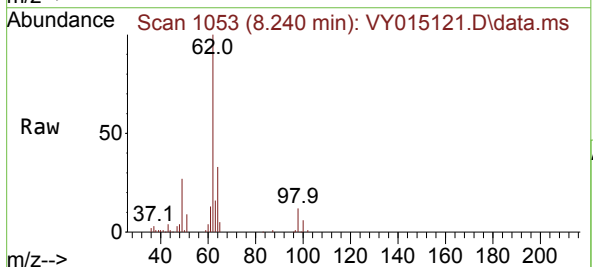
Instrument :
MSVOA_Y
ClientSampleId :

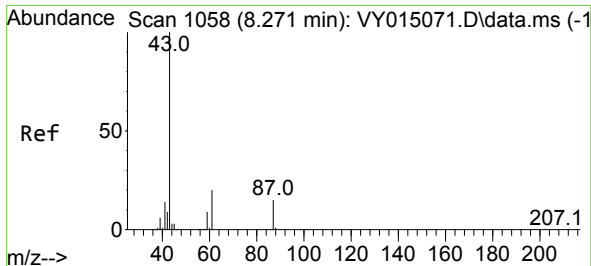
Tgt Ion: 41	Resp: 55415
Ion Ratio	Lower Upper
41	100
39	29.2 52.1 78.1#
67	0.0 66.2 99.2#
52	0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.634 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

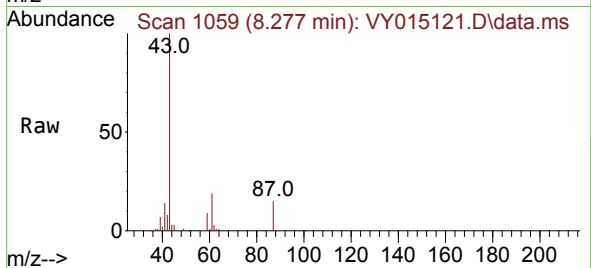
Tgt Ion: 62	Resp: 49482
Ion Ratio	Lower Upper
62	100
98	9.7 0.0 15.8



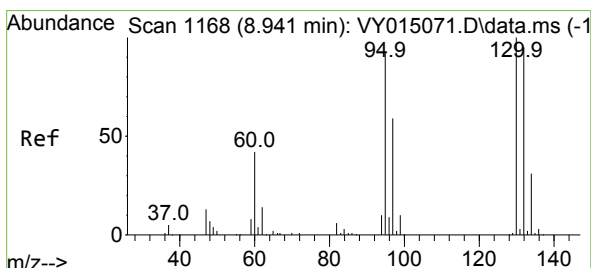
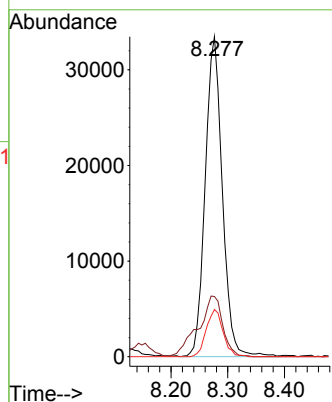
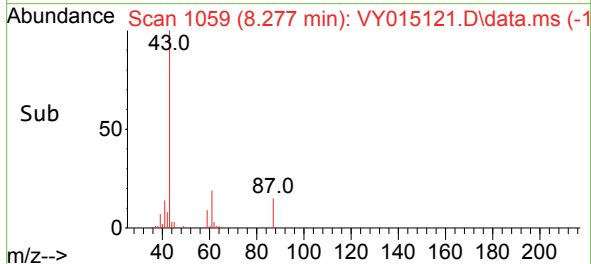


#43
Isopropyl Acetate
Concen: 18.043 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Instrument :
MSVOA_Y
ClientSampleId :

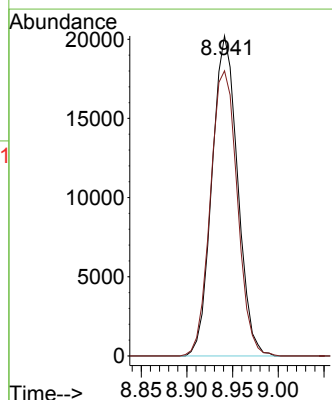
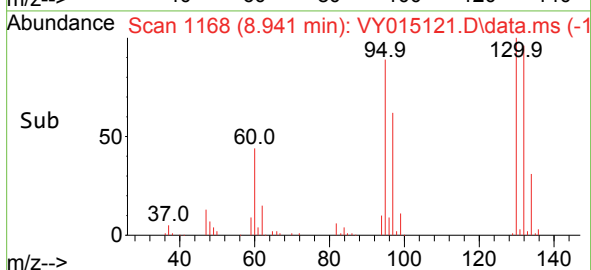
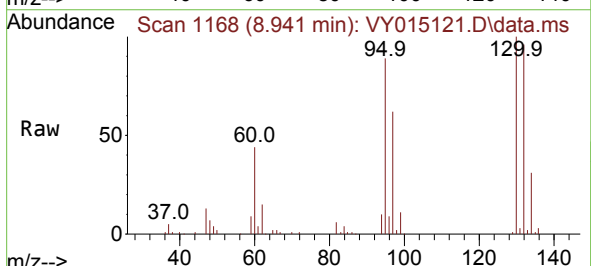


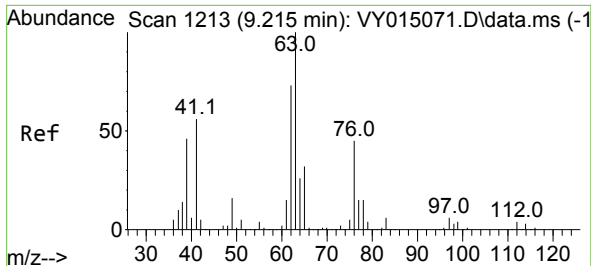
Tgt Ion: 43 Resp: 70298
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 19.691 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 130 Resp: 39367
Ion Ratio Lower Upper
130 100
95 89.1 0.0 196.0

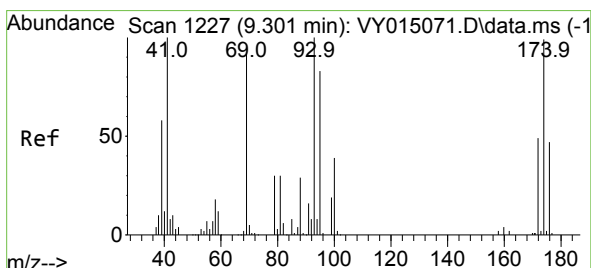
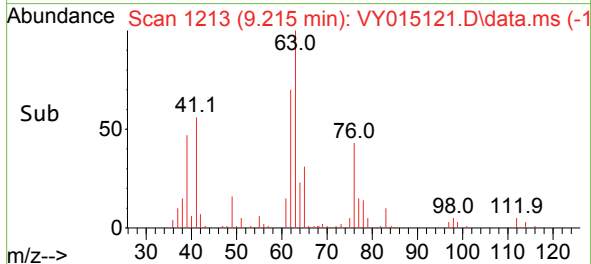
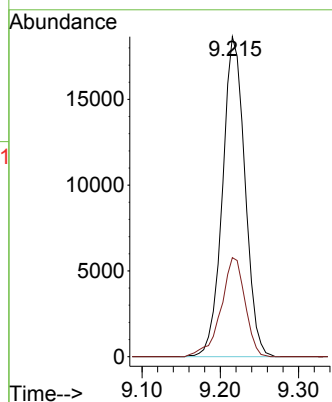
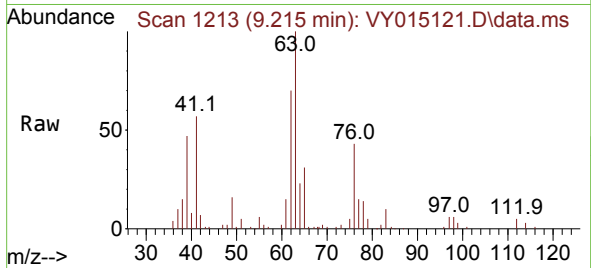




#45
1,2-Dichloropropane
Concen: 18.964 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

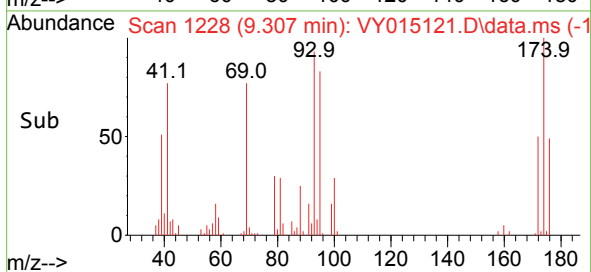
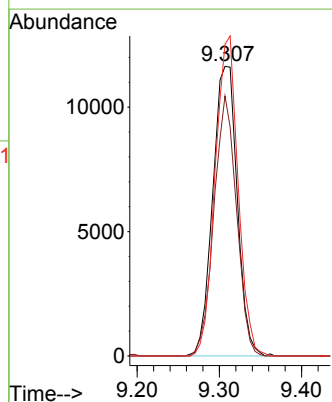
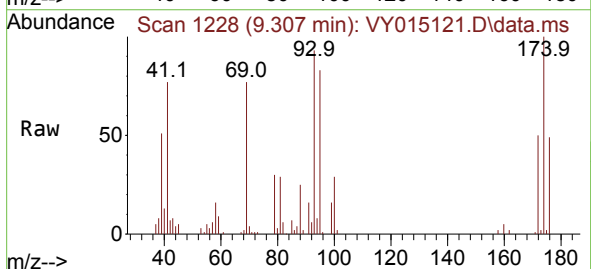
Instrument :
MSVOA_Y
ClientSampleId :

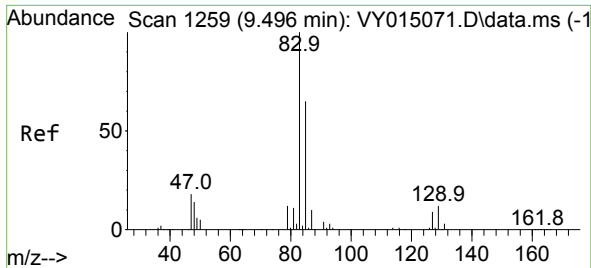
Tgt Ion: 63 Resp: 37109
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 19.519 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 93 Resp: 24090
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 103.4 84.8 127.2

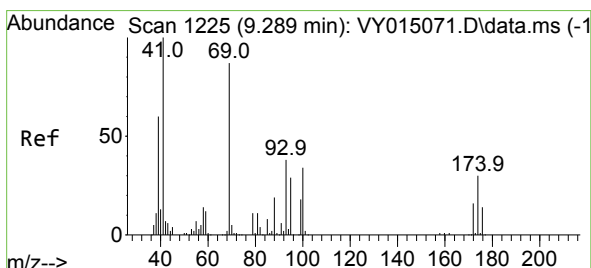
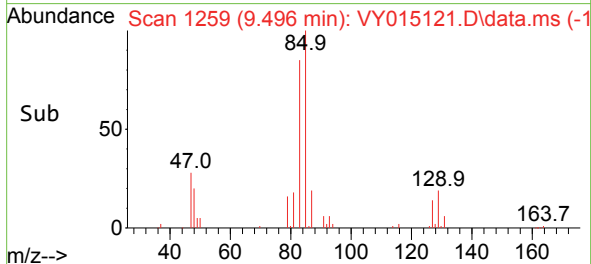
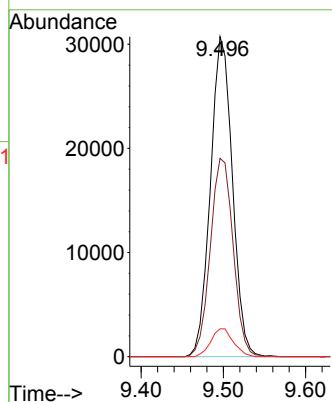
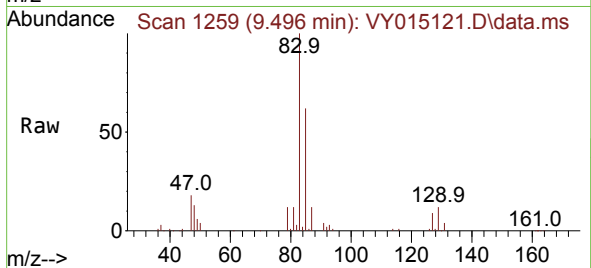




#47
Bromodichloromethane
Concen: 19.360 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

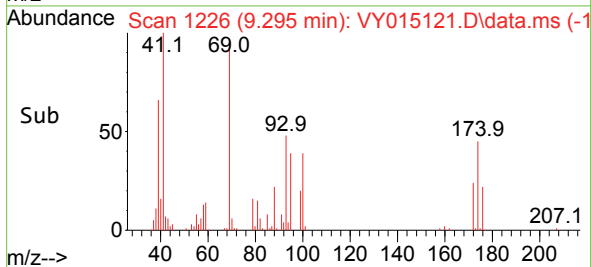
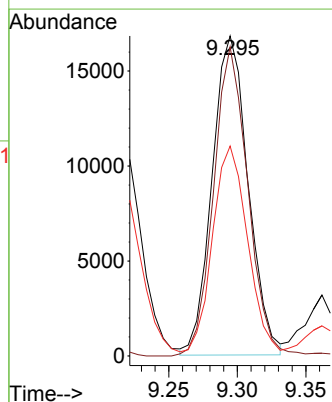
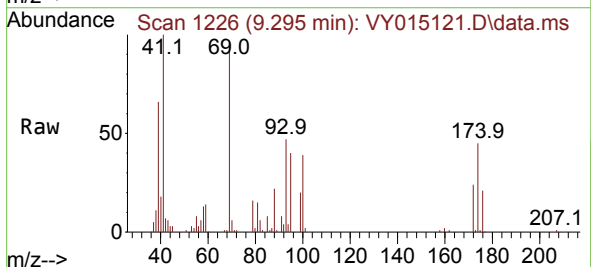
Instrument :
MSVOA_Y
ClientSampleId :

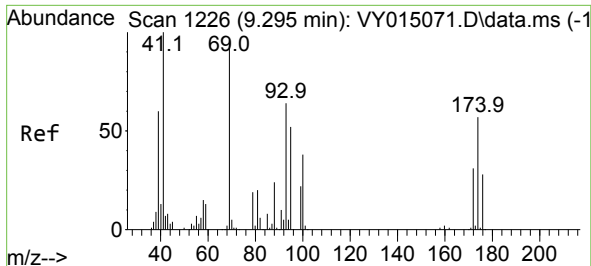
Tgt Ion: 83 Resp: 57015
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 18.429 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 41 Resp: 30715
Ion Ratio Lower Upper
41 100
69 92.8 64.5 96.7
39 64.7 50.8 76.2





#49

1,4-Dioxane

Concen: 358.642 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

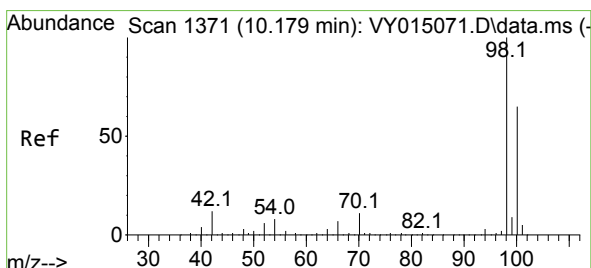
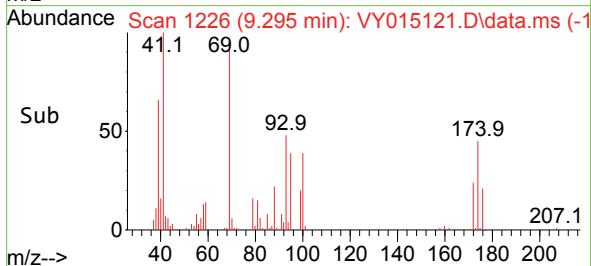
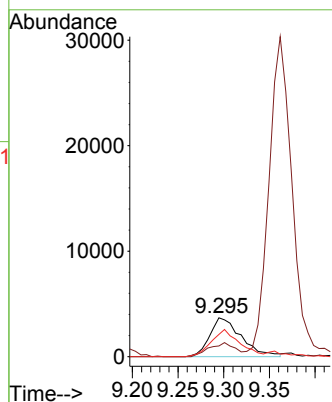
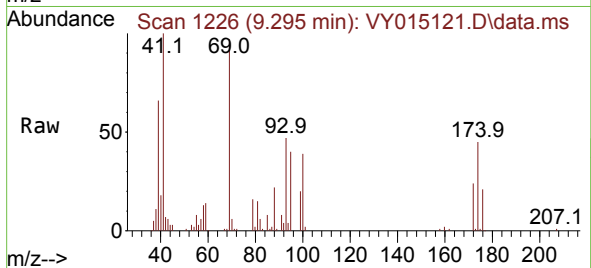
Tgt Ion: 88 Resp: 8851

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 63.0 30.9 46.3#



#50

Toluene-d8

Concen: 50.836 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015121.D

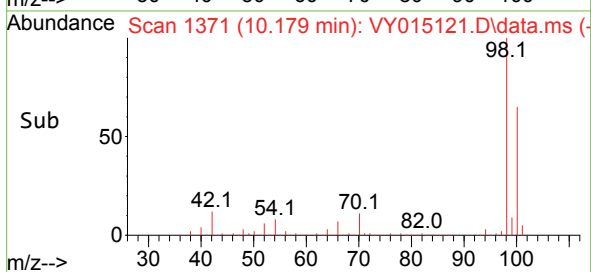
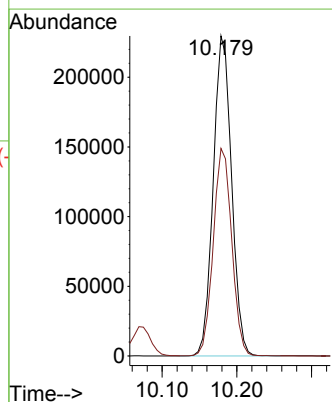
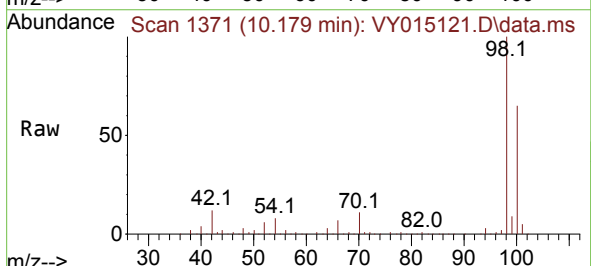
Acq: 15 Aug 2023 22:57

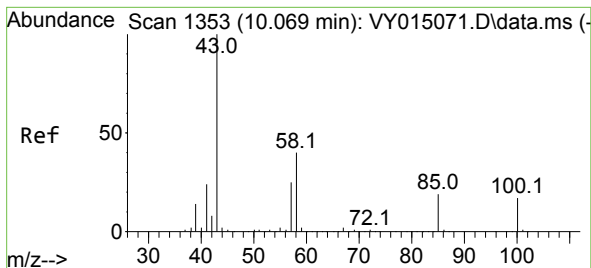
Tgt Ion: 98 Resp: 392618

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

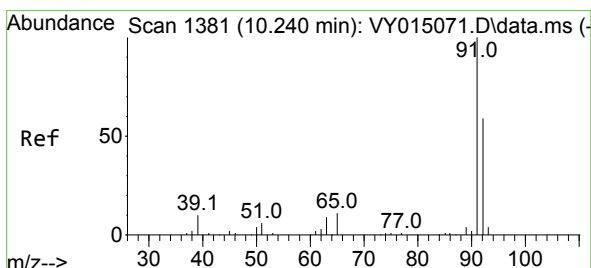
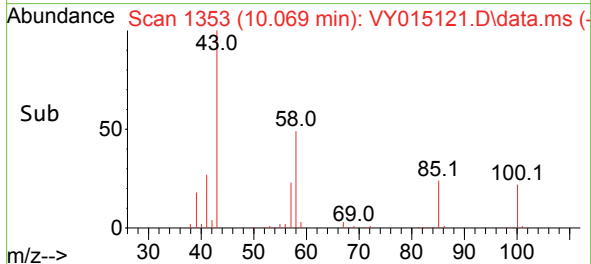
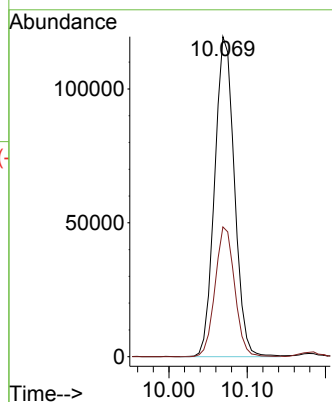
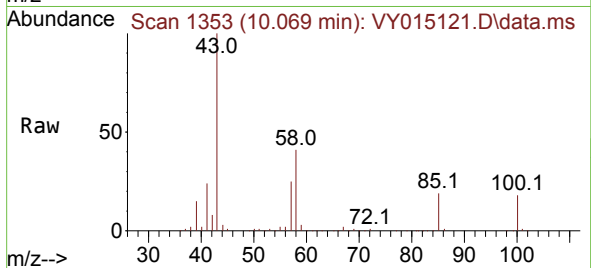




#51
4-Methyl-2-Pentanone
Concen: 92.859 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

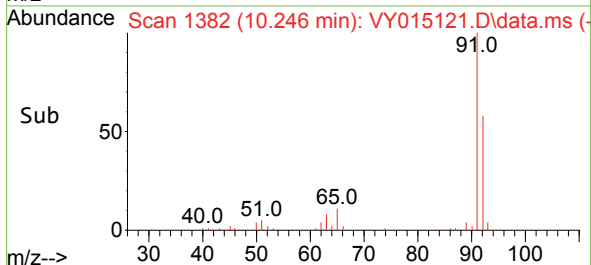
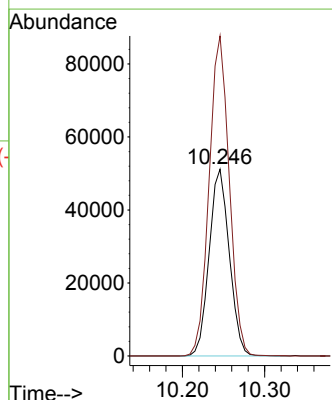
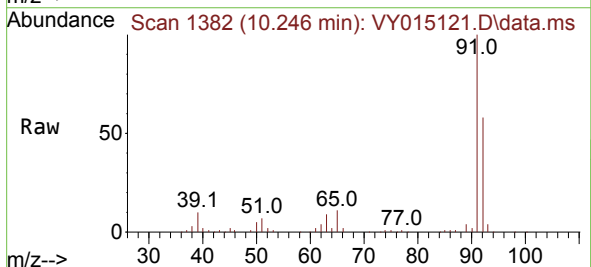
Instrument :
MSVOA_Y
ClientSampleId :

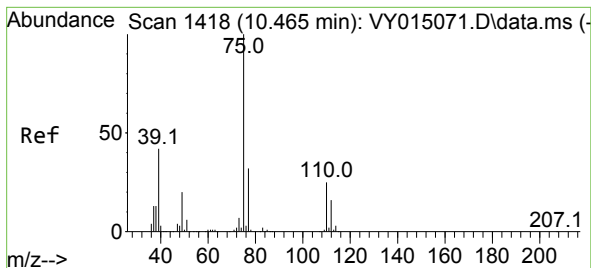
Tgt Ion: 43 Resp: 209677
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 19.041 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 92 Resp: 87092
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

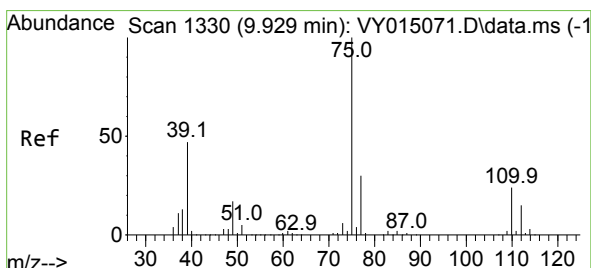
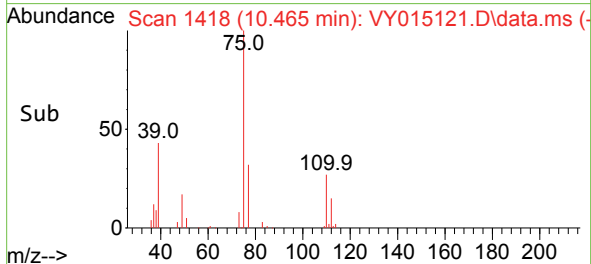
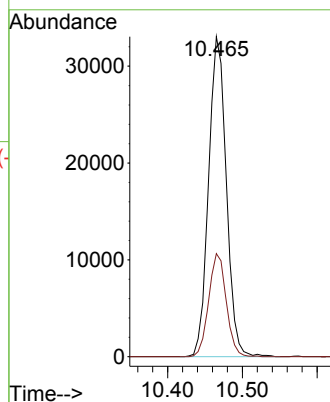
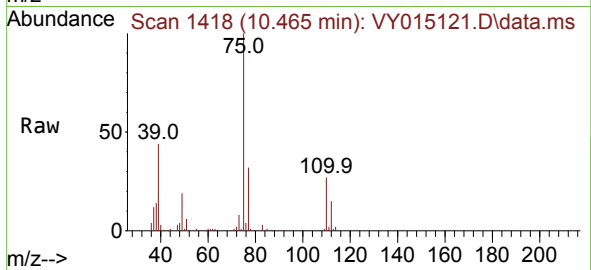




#53
t-1,3-Dichloropropene
Concen: 17.639 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

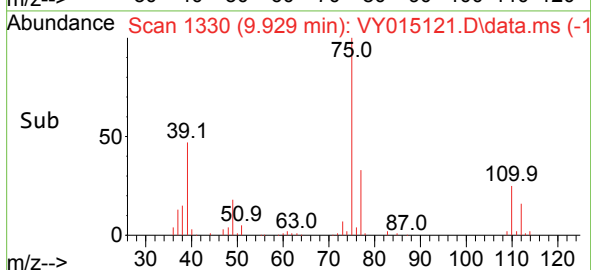
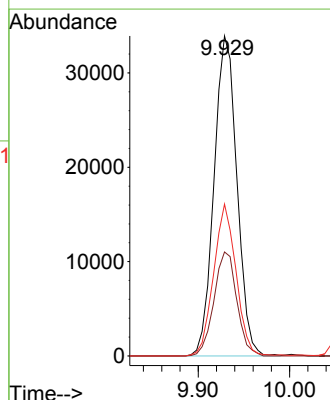
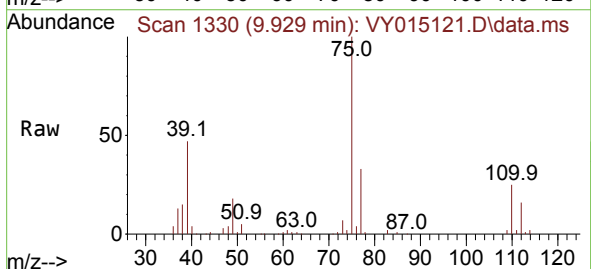
Instrument :
MSVOA_Y
ClientSampleId :

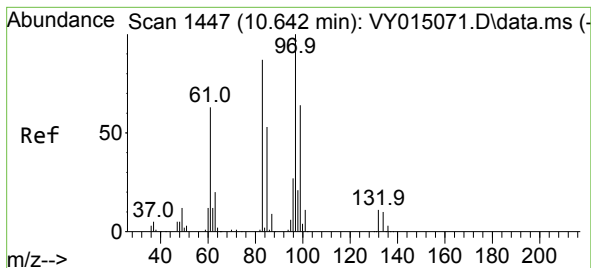
Tgt Ion: 75 Resp: 54594
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.087 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 75 Resp: 58958
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 47.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.191 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 36013

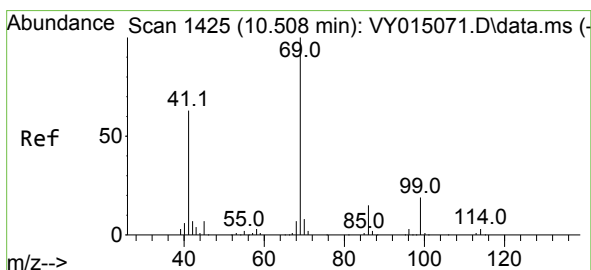
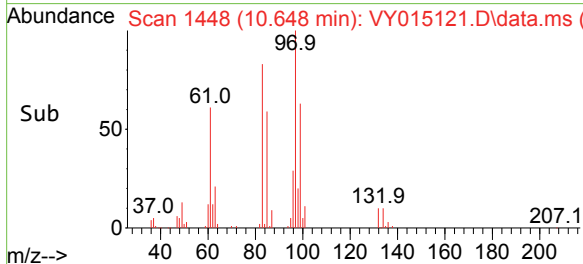
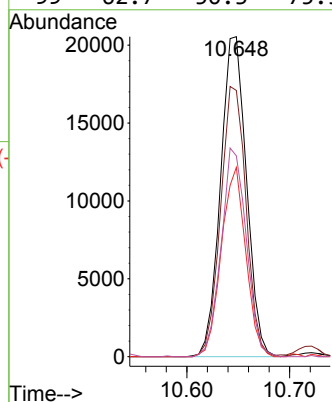
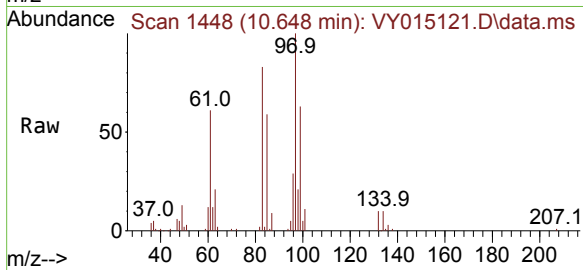
Ion Ratio Lower Upper

97 100

83 83.2 72.0 108.0

85 59.2 45.4 68.0

99 62.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.299 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

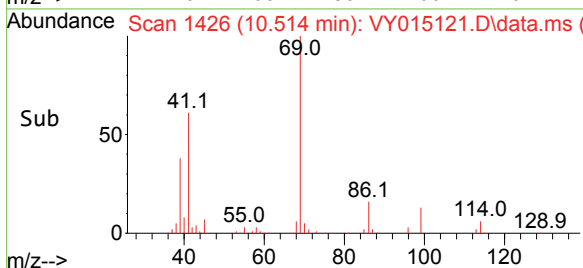
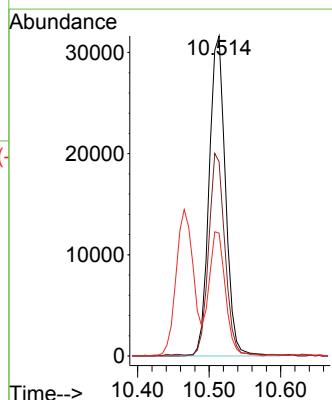
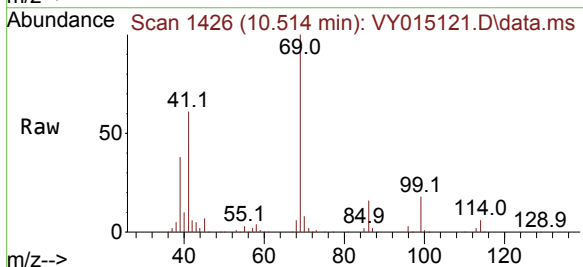
Tgt Ion: 69 Resp: 50256

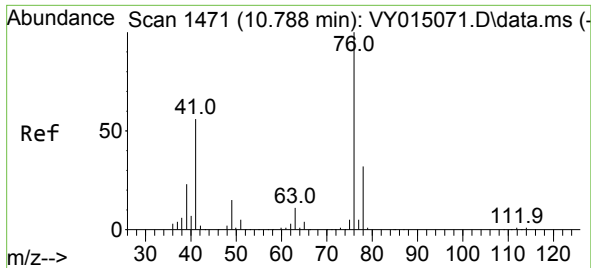
Ion Ratio Lower Upper

69 100

41 62.9 57.6 86.4

39 38.9 34.1 51.1

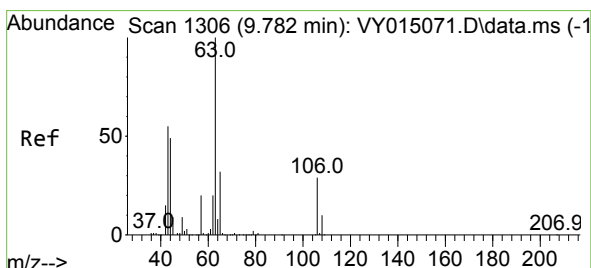
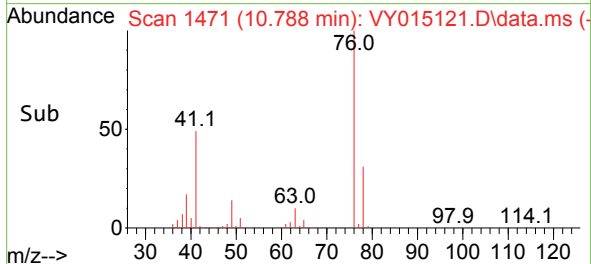
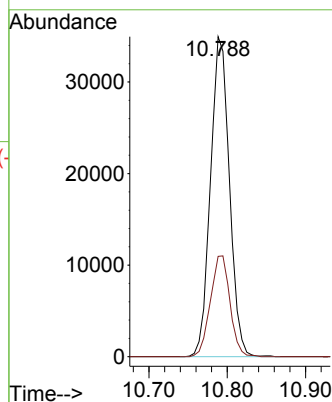
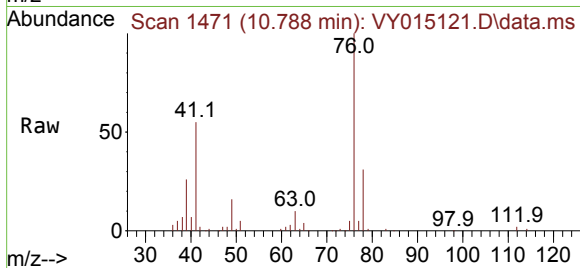




#57
1,3-Dichloropropane
Concen: 19.102 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

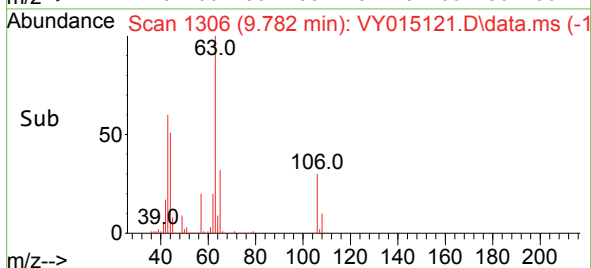
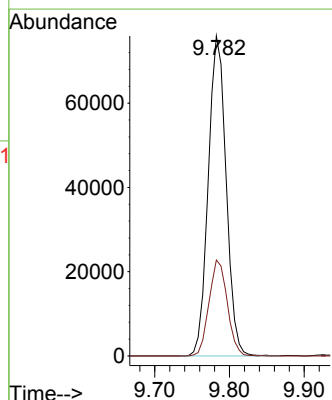
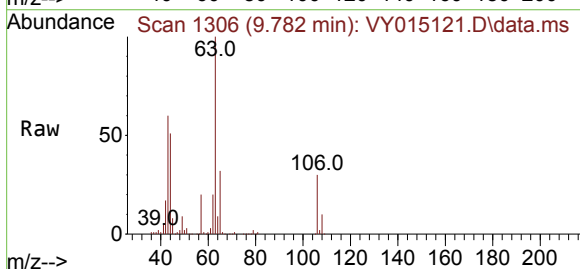
Instrument :
MSVOA_Y
ClientSampleId :

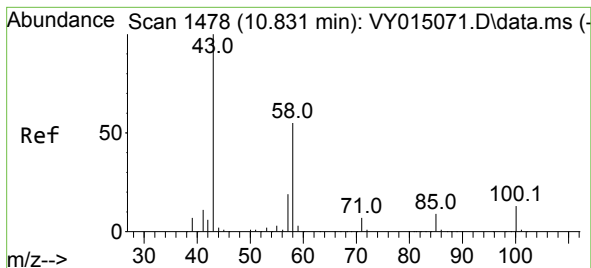
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.3	37.9



#58
2-Chloroethyl Vinyl ether
Concen: 98.835 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	21.2	31.8

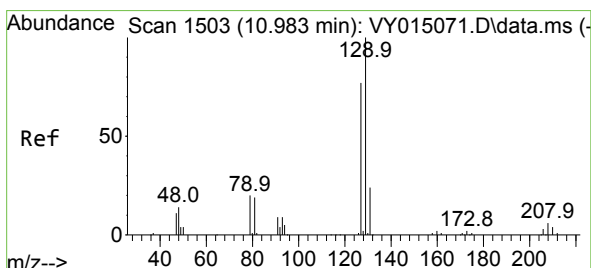
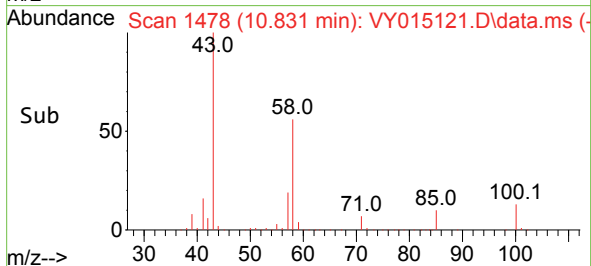
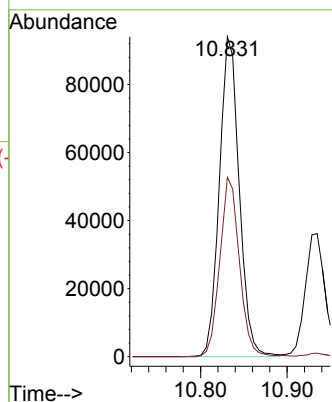
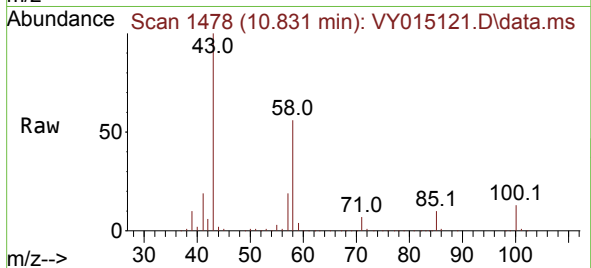




#59
2-Hexanone
Concen: 89.578 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

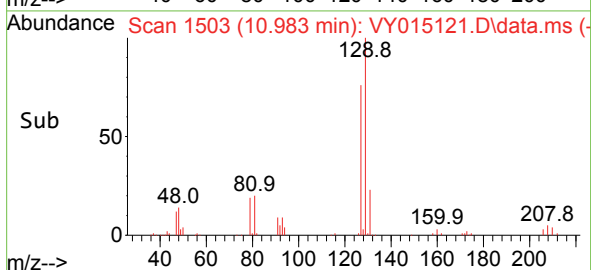
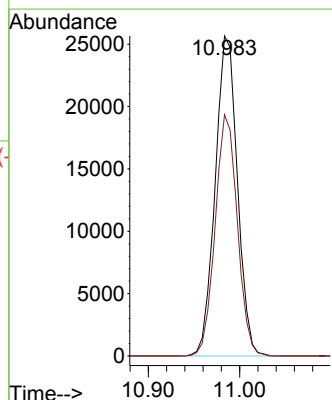
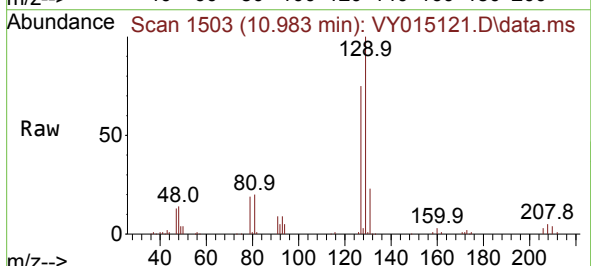
Instrument :
MSVOA_Y
ClientSampleId :

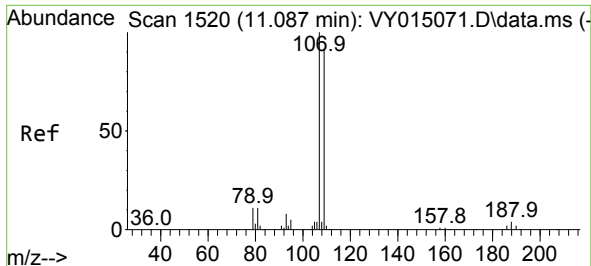
Tgt Ion: 43 Resp: 149701
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3



#60
Dibromochloromethane
Concen: 19.388 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 129 Resp: 43400
Ion Ratio Lower Upper
129 100
127 75.1 38.5 115.5

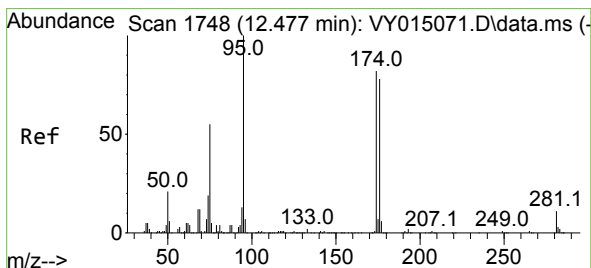
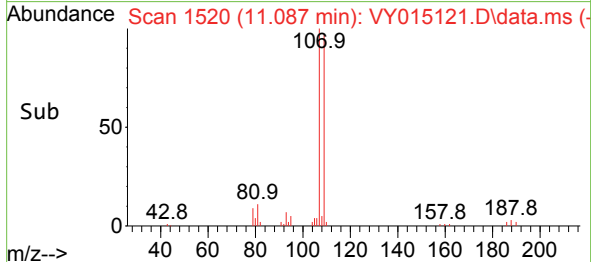
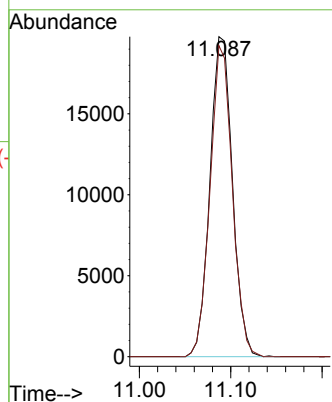
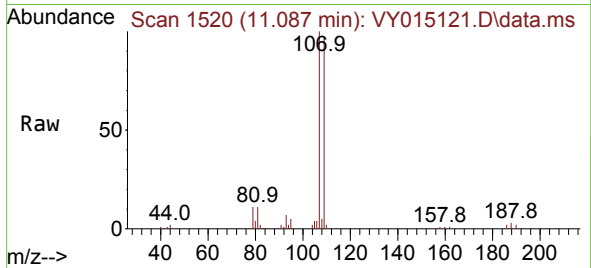




#61
1,2-Dibromoethane
Concen: 18.979 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

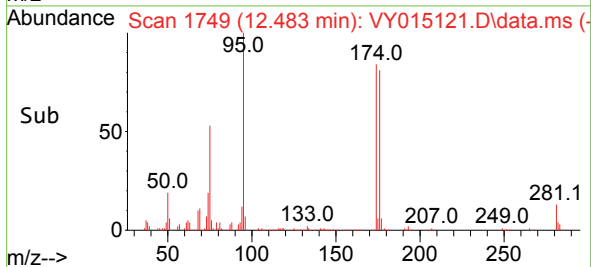
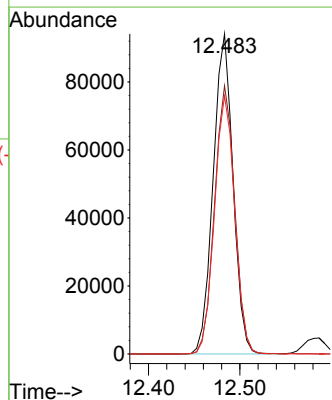
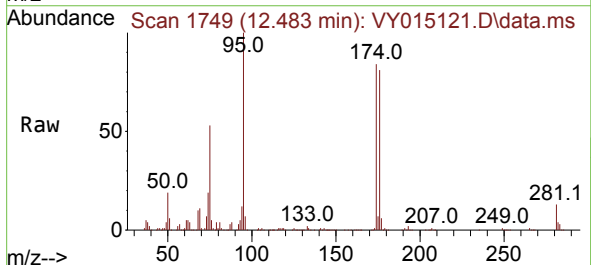
Instrument :
MSVOA_Y
ClientSampleId :

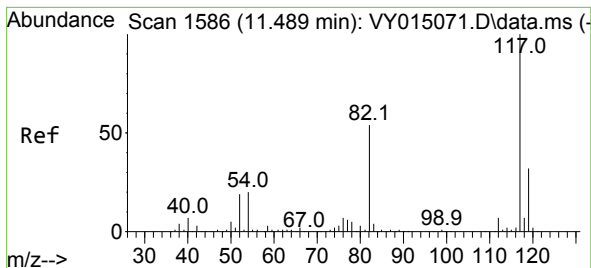
Tgt Ion:107 Resp: 33834
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.451 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 95 Resp: 142315
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.4 0.0 173.8

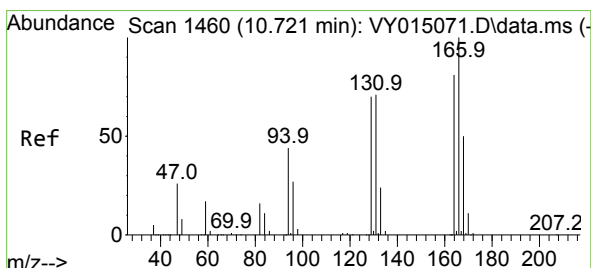
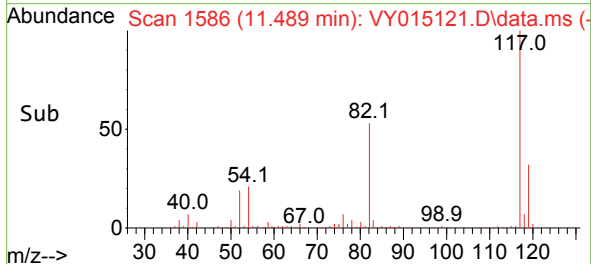
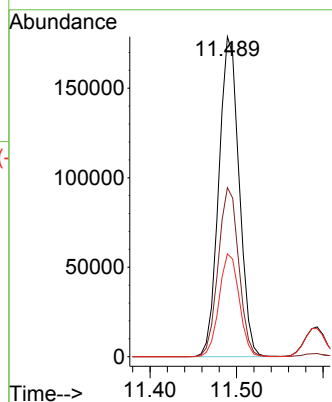
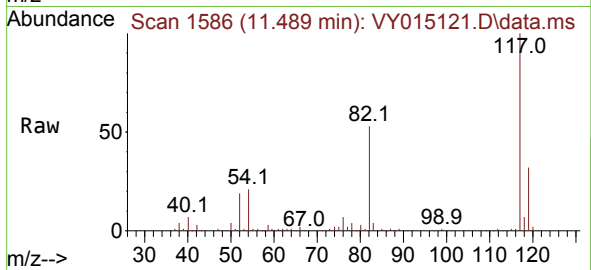




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

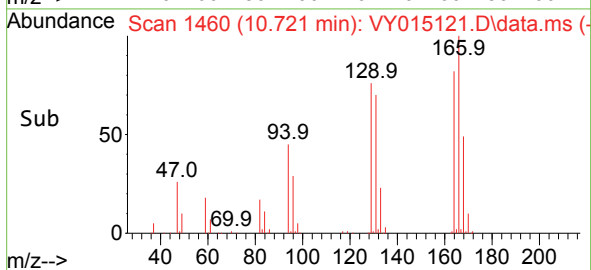
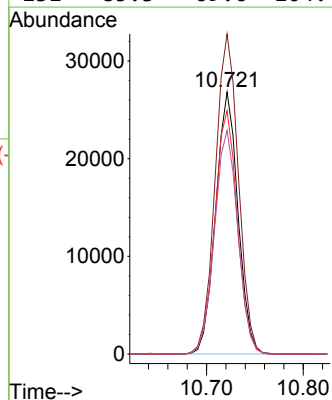
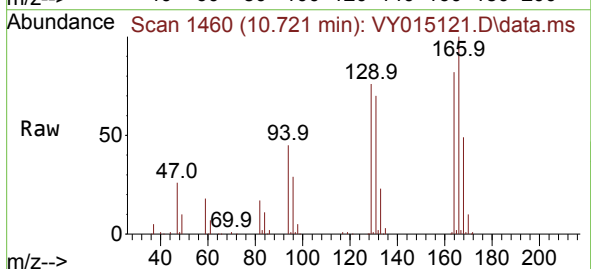
Instrument :
MSVOA_Y
ClientSampleId :

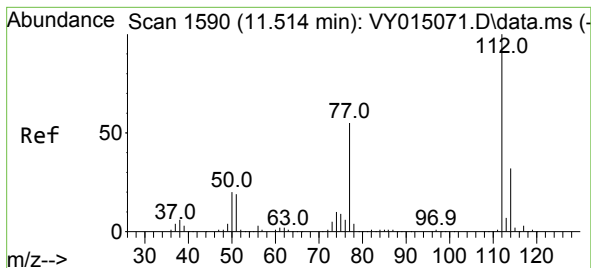
Tgt Ion:117 Resp: 291104
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 21.195 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion:164 Resp: 42986
Ion Ratio Lower Upper
164 100
166 122.2 103.0 154.6
129 92.9 77.2 115.8
131 85.3 69.6 104.4

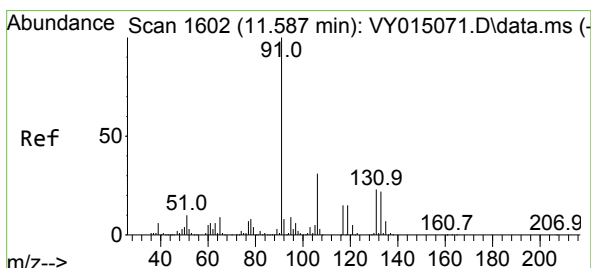
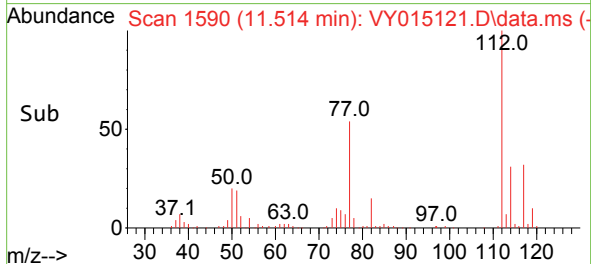
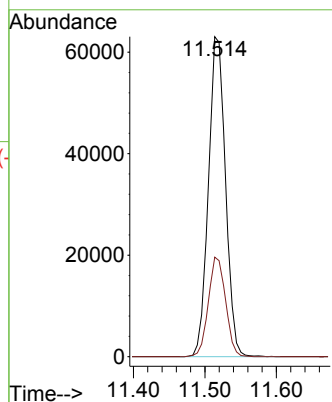
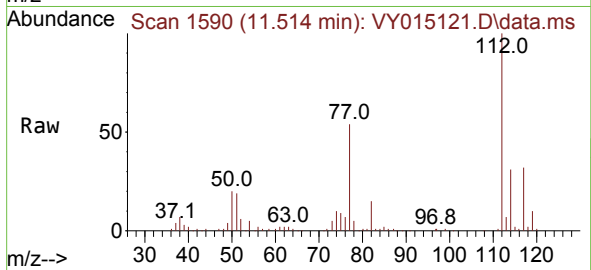




#65
Chlorobenzene
Concen: 19.697 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

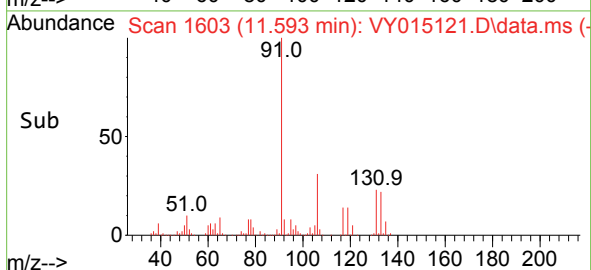
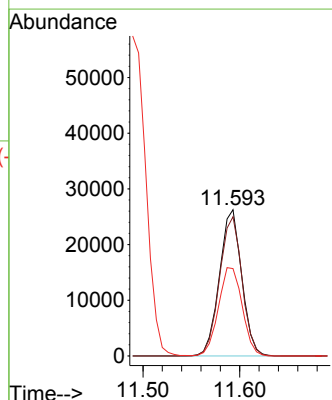
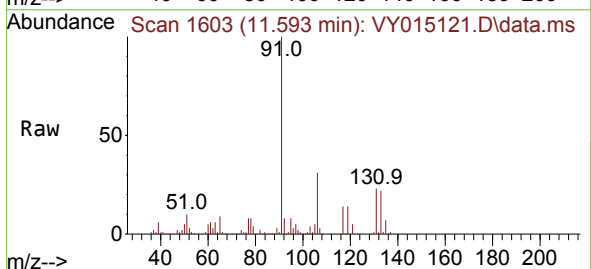
Instrument :
MSVOA_Y
ClientSampleId :

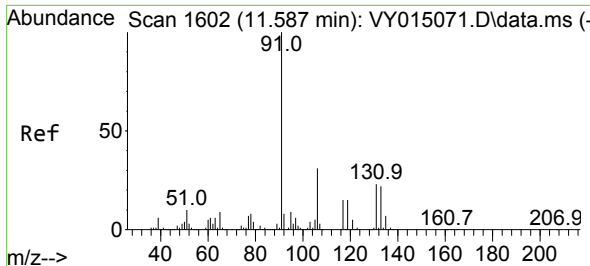
Tgt Ion:112 Resp: 104473
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.493 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion:131 Resp: 41951
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 18.730 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

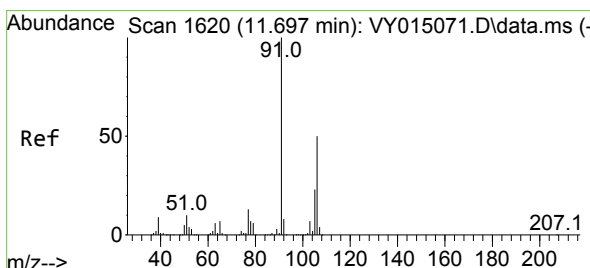
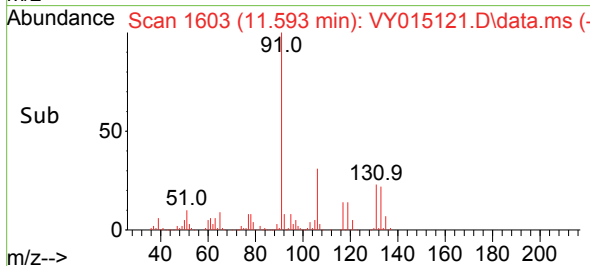
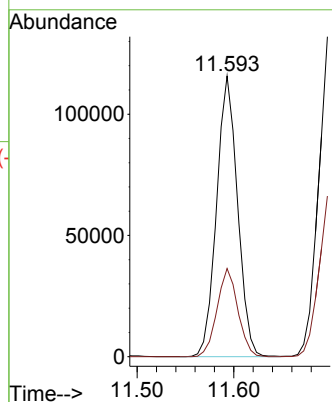
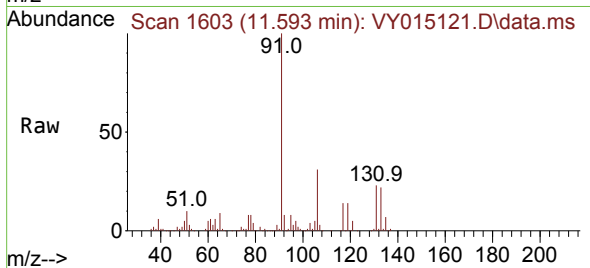
ClientSampleId :

Tgt Ion: 91 Resp: 174058

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 38.468 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015121.D

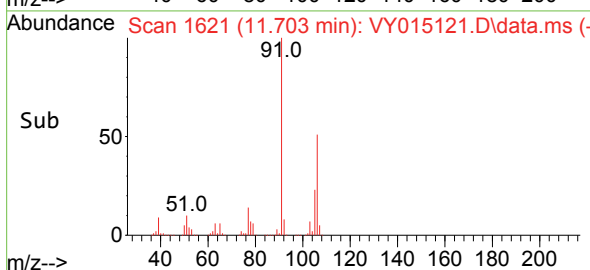
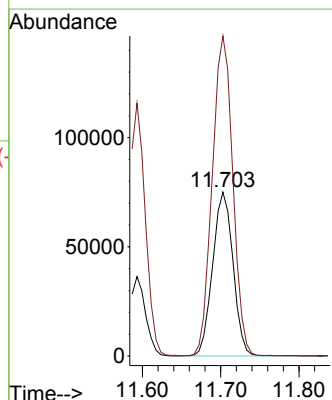
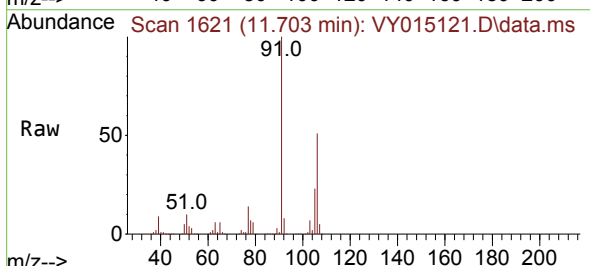
Acq: 15 Aug 2023 22:57

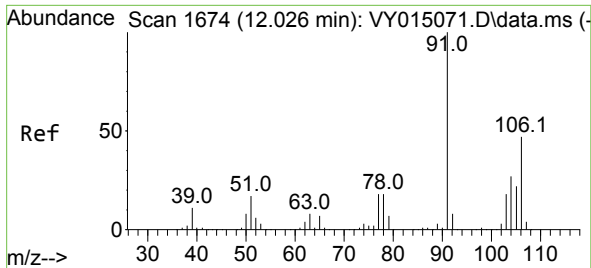
Tgt Ion:106 Resp: 135773

Ion Ratio Lower Upper

106 100

91 197.3 166.1 249.1

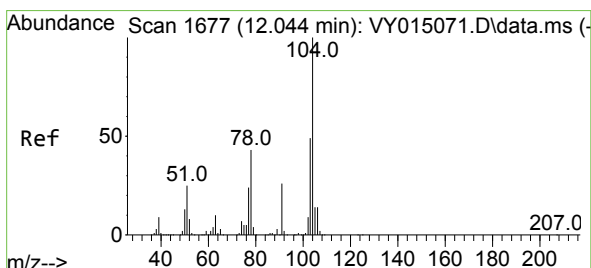
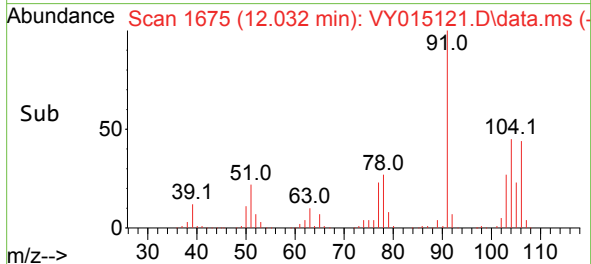
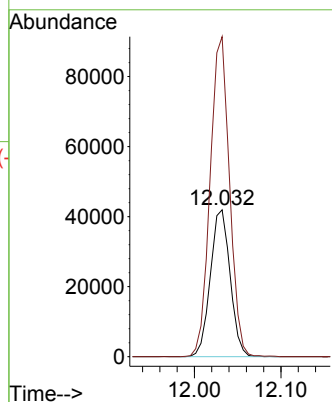
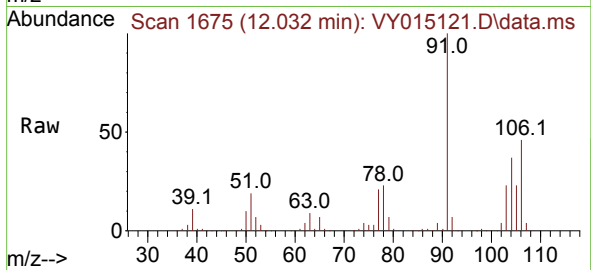




#69
o-Xylene
Concen: 18.904 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

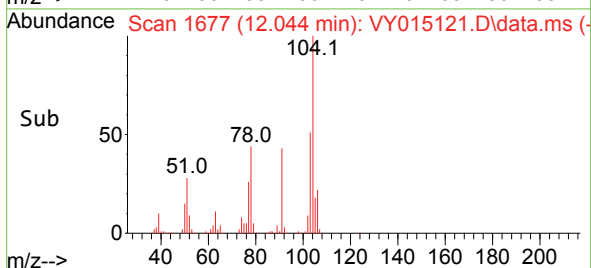
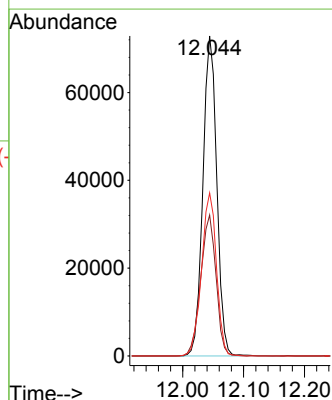
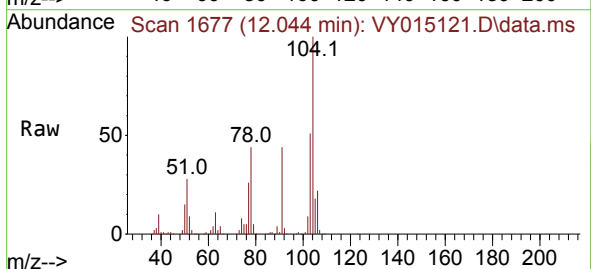
Instrument :
MSVOA_Y
ClientSampleId :

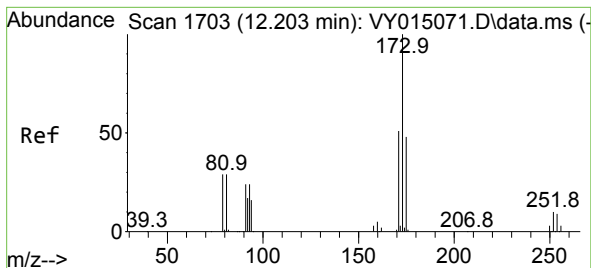
Tgt Ion:106 Resp: 66466
Ion Ratio Lower Upper
106 100
91 214.4 108.1 324.3



#70
Styrene
Concen: 18.986 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion:104 Resp: 115536
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 18.816 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015121.D

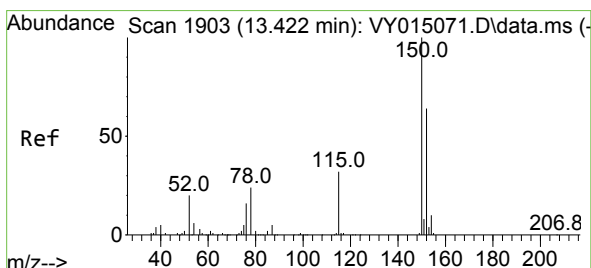
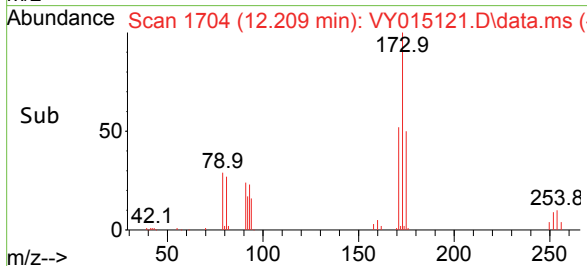
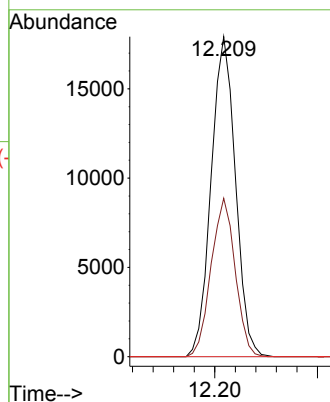
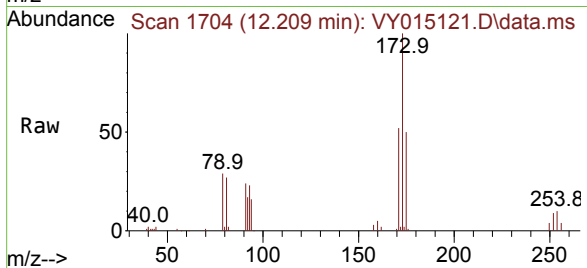
Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	29354
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

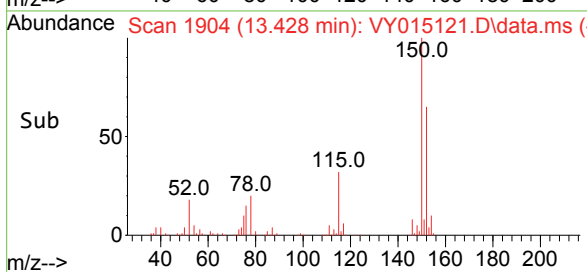
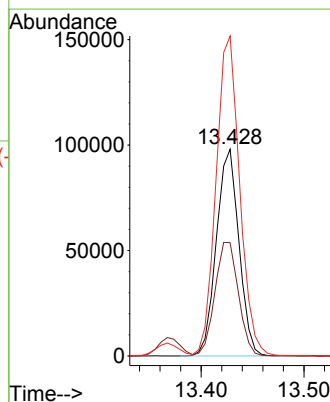
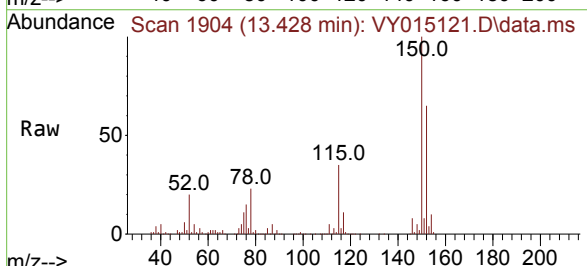
RT: 13.428 min Scan# 1904

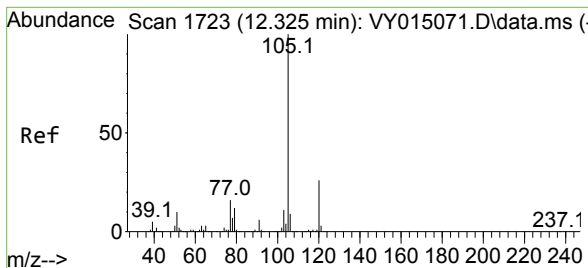
Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Tgt Ion:152	Resp:	149297
Ion Ratio	Lower	Upper
152	100	
115	57.4	28.8 86.5
150	162.2	0.0 348.8





#73

Isopropylbenzene

Concen: 18.733 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

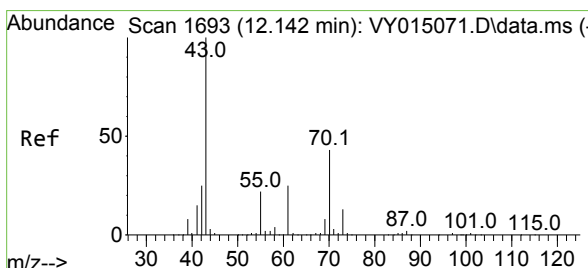
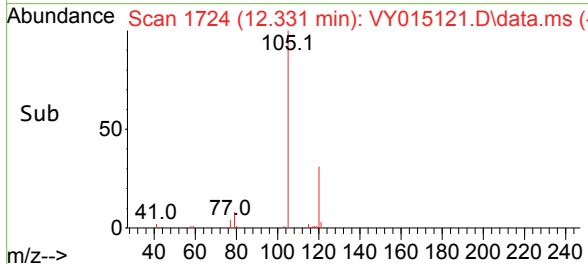
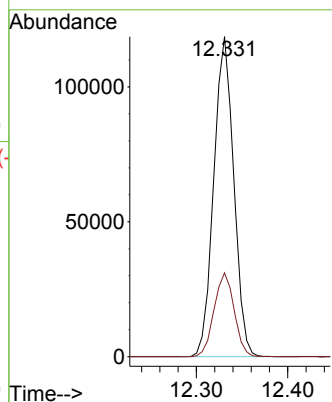
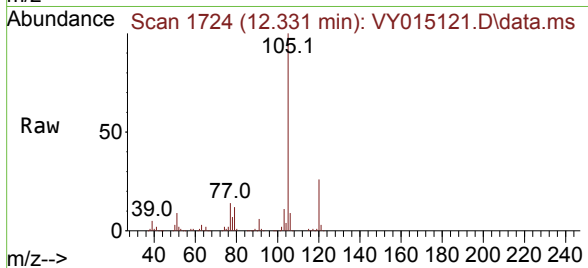
ClientSampleId :

Tgt Ion:105 Resp: 179842

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 16.986 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Tgt Ion: 43 Resp: 58878

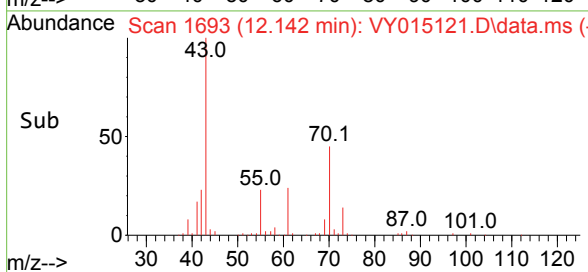
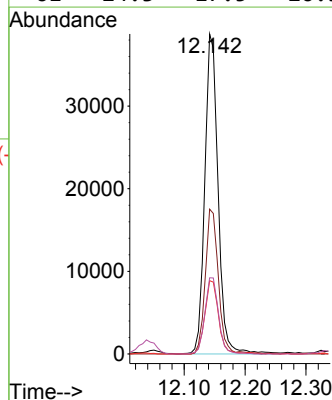
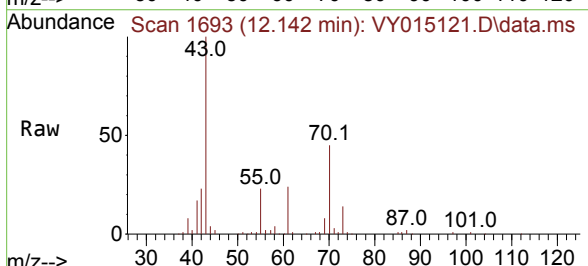
Ion Ratio Lower Upper

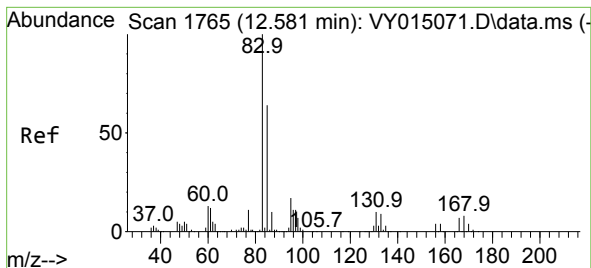
43 100

70 44.6 29.7 44.5#

55 23.4 18.3 27.5

61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.633 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

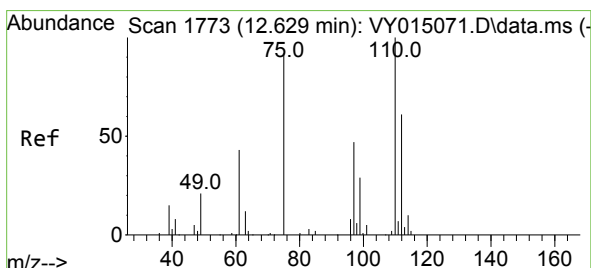
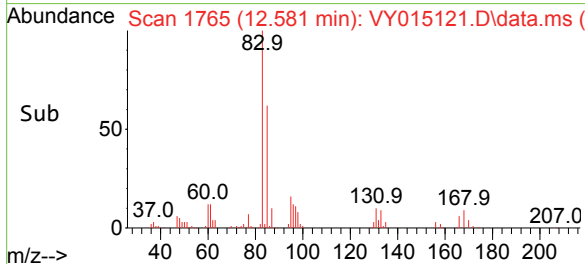
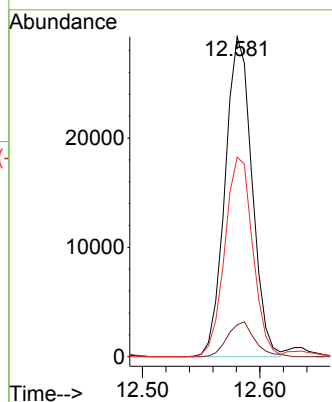
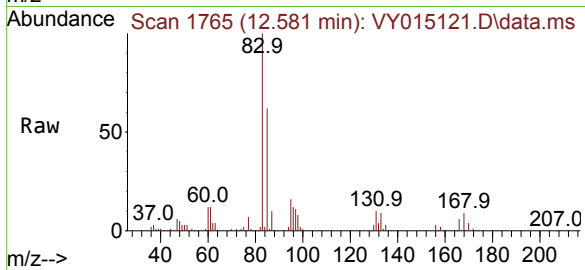
Tgt Ion: 83 Resp: 46588

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.100 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015121.D

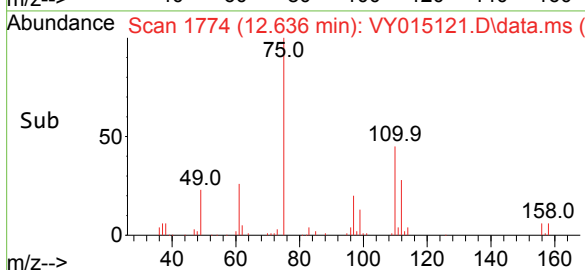
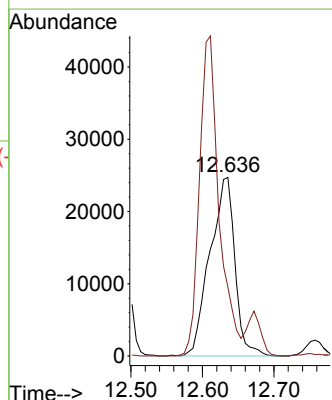
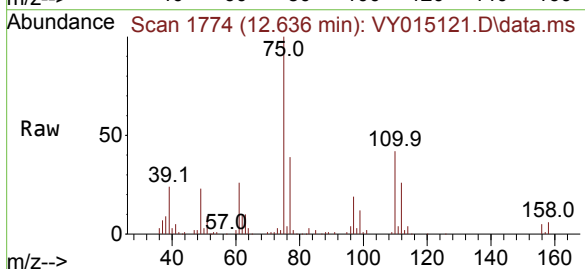
Acq: 15 Aug 2023 22:57

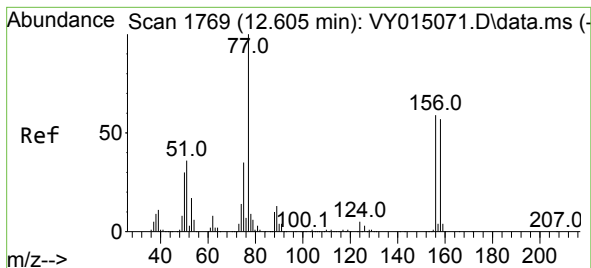
Tgt Ion: 75 Resp: 60038

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.556 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015121.D

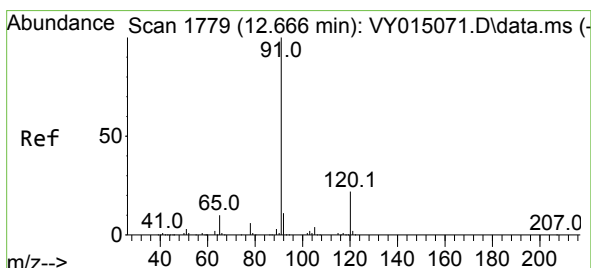
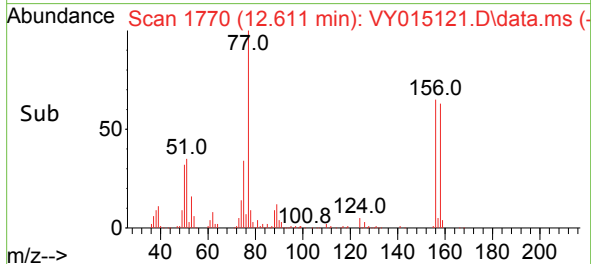
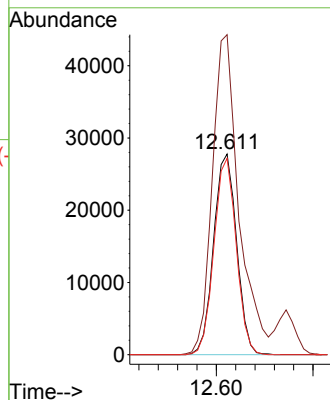
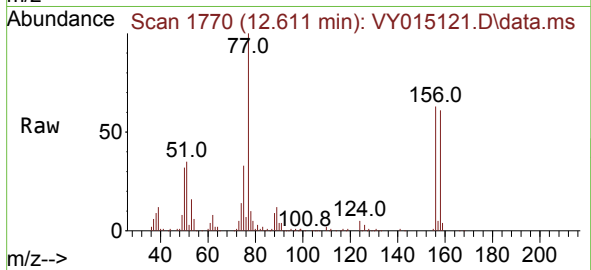
Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	45762
Ion Ratio	Lower	Upper	
156	100		
77	184.3	92.8	278.6
158	95.0	48.4	145.3



#78

n-propylbenzene

Concen: 18.596 ug/l

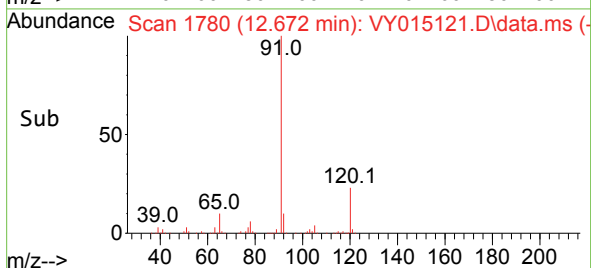
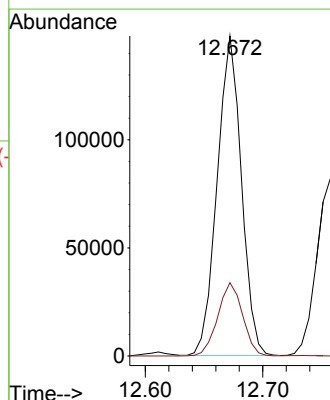
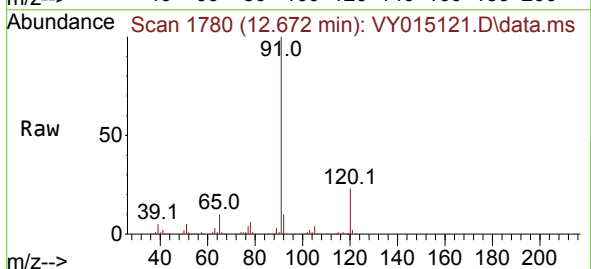
RT: 12.672 min Scan# 1780

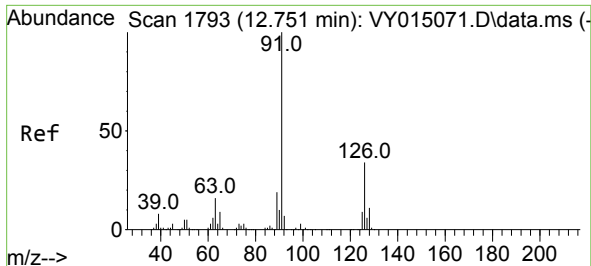
Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Tgt Ion:	91	Resp:	212000
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4

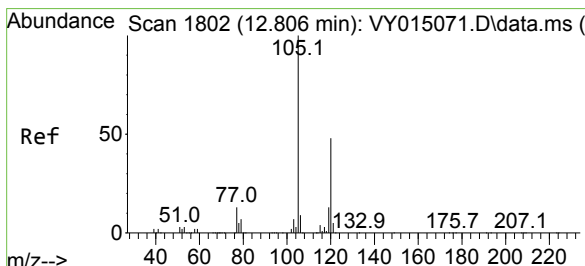
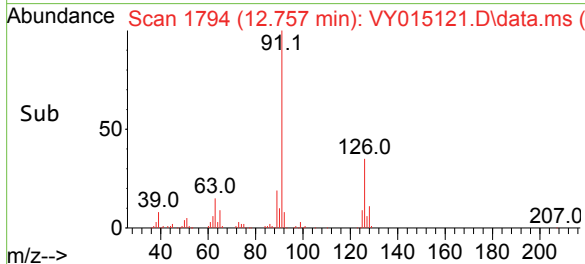
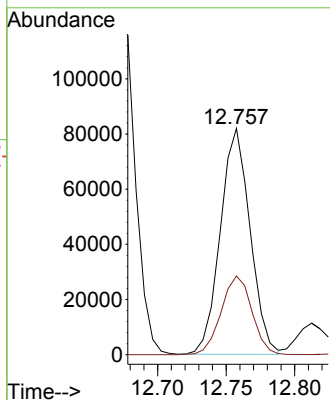
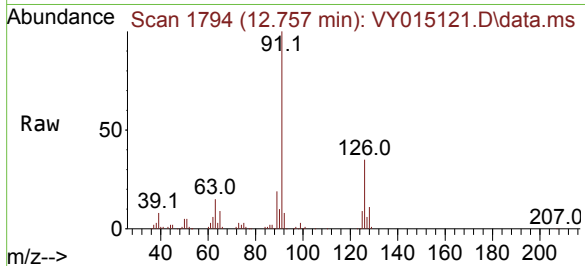




#79
2-Chlorotoluene
Concen: 18.801 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

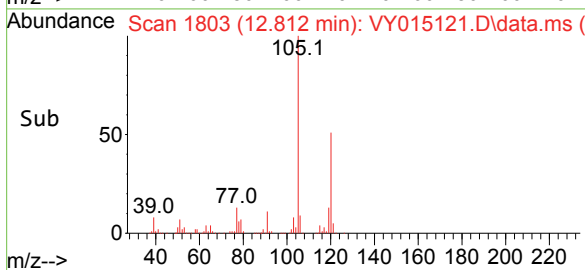
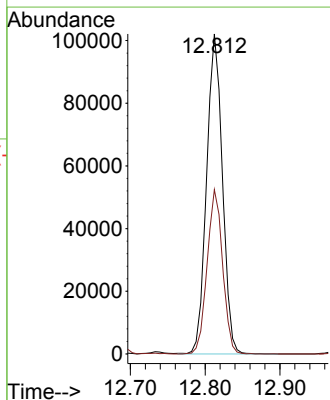
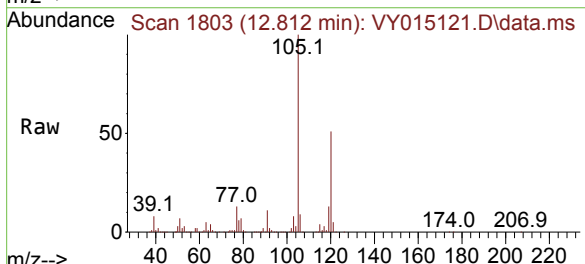
Instrument :
MSVOA_Y
ClientSampleId :

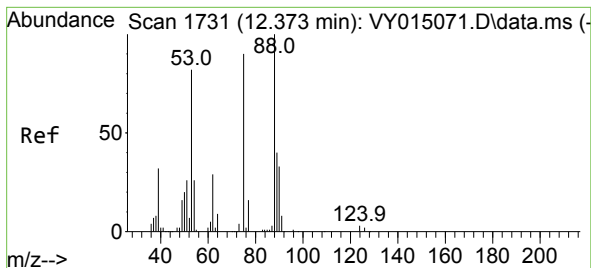
Tgt Ion: 91 Resp: 123645
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.766 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015121.D
Acq: 15 Aug 2023 22:57

Tgt Ion: 105 Resp: 150177
Ion Ratio Lower Upper
105 100
120 50.2 23.9 71.7

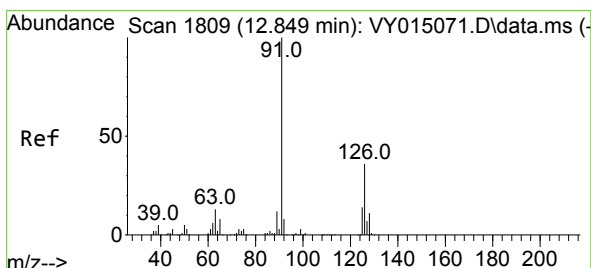
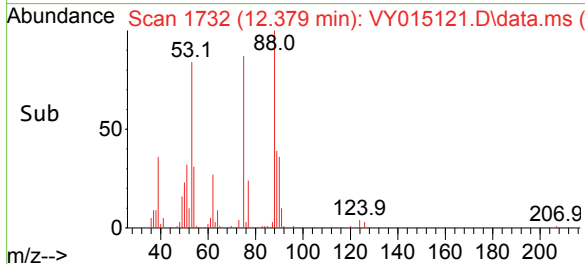
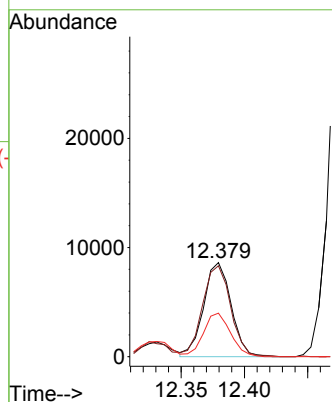
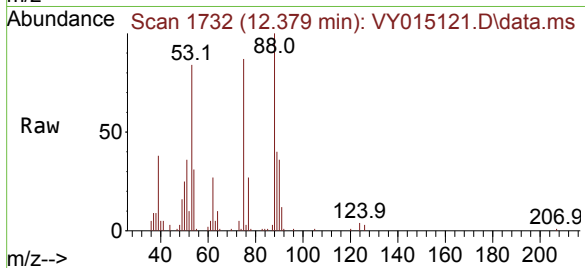




#81
 trans-1,4-Dichloro-2-butene
 Concen: 15.788 ug/l
 RT: 12.379 min Scan# 1732
 Delta R.T. 0.006 min
 Lab File: VY015121.D
 Acq: 15 Aug 2023 22:57

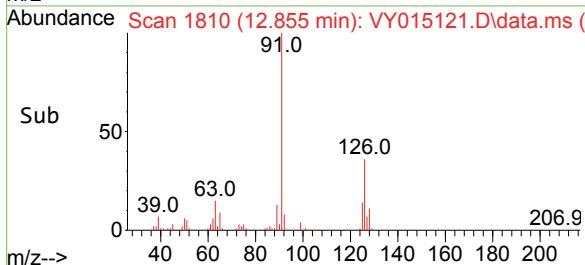
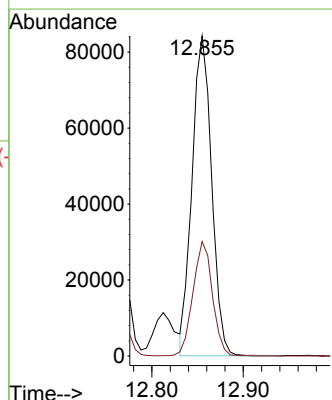
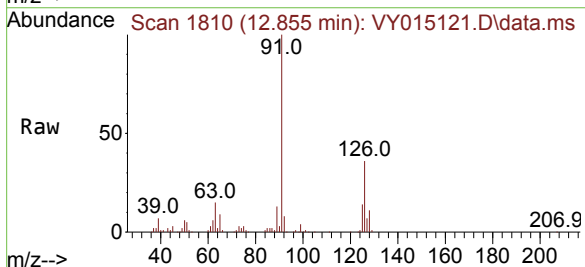
Instrument :
 MSVOA_Y
 ClientSampleId :

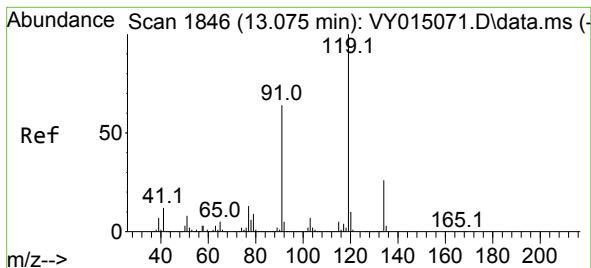
Tgt Ion: 75 Resp: 13038
 Ion Ratio Lower Upper
 75 100
 53 98.9 77.8 116.8
 89 45.7 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 18.456 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY015121.D
 Acq: 15 Aug 2023 22:57

Tgt Ion: 91 Resp: 125394
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.596 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

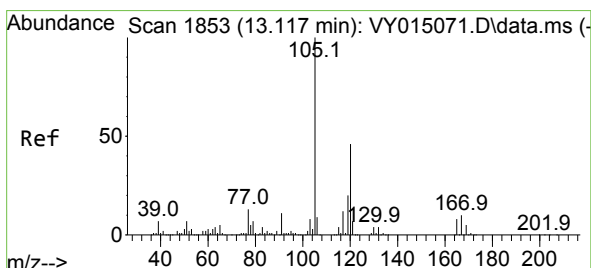
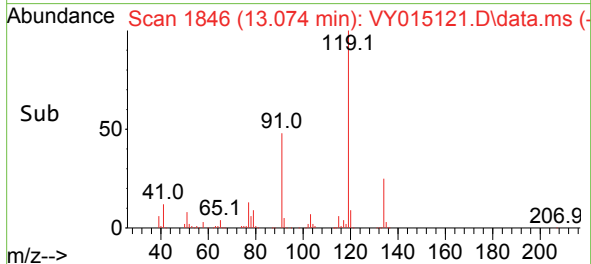
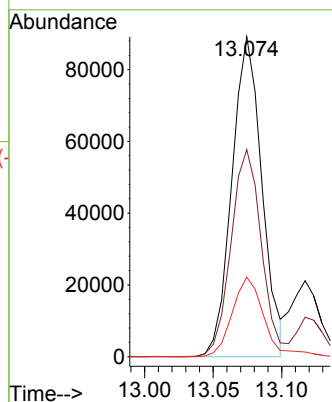
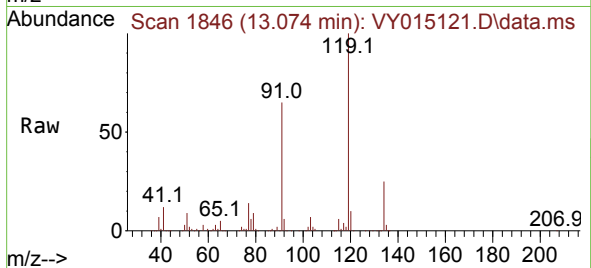
Tgt Ion:119 Resp: 136119

Ion Ratio Lower Upper

119 100

91 65.9 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.813 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015121.D

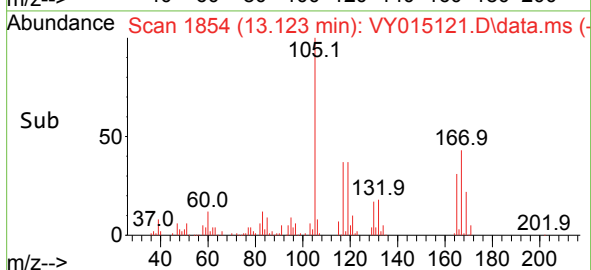
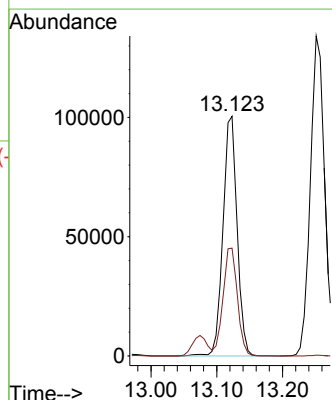
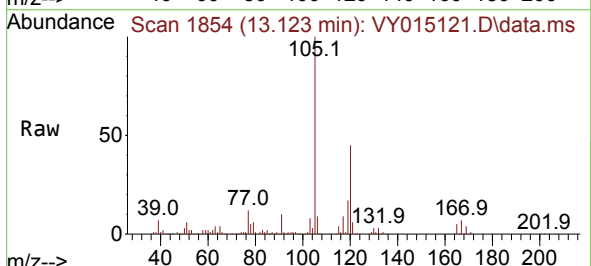
Acq: 15 Aug 2023 22:57

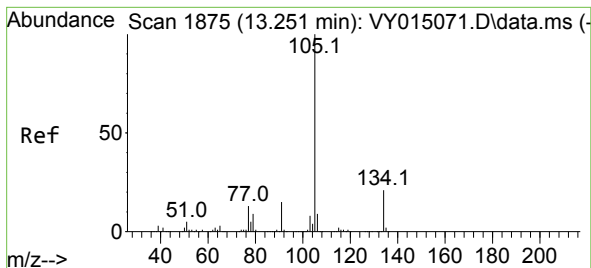
Tgt Ion:105 Resp: 150436

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.786 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

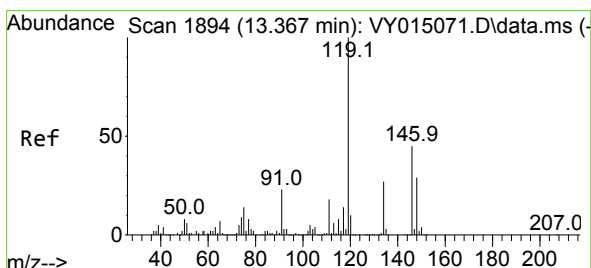
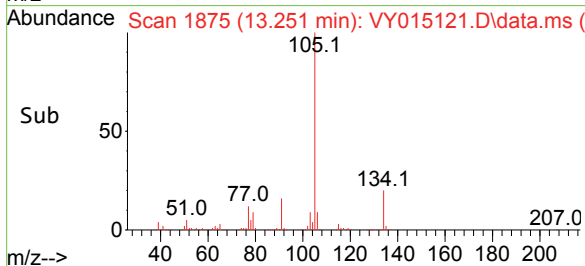
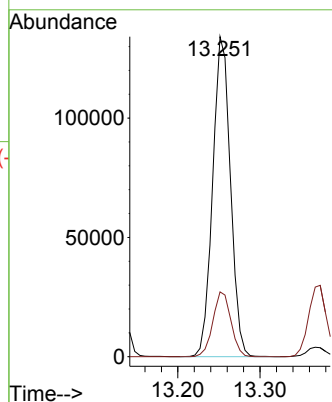
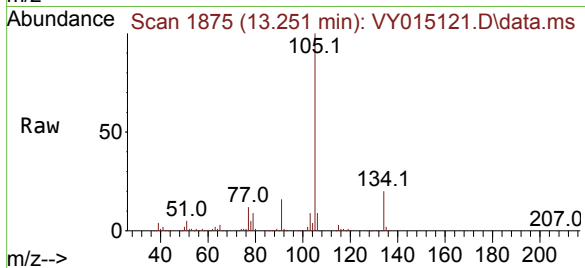
ClientSampleId :

Tgt Ion:105 Resp: 201475

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.753 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

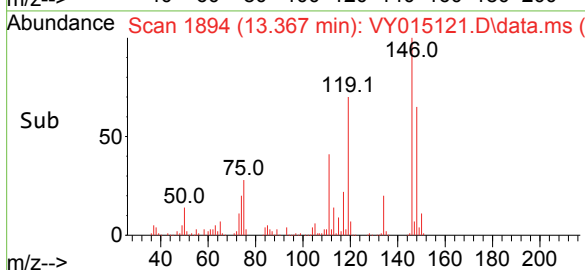
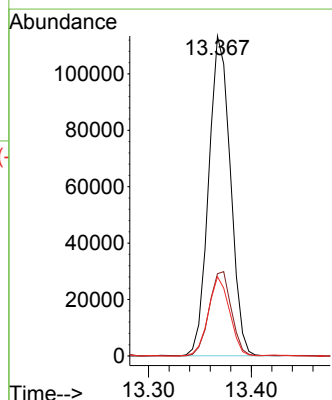
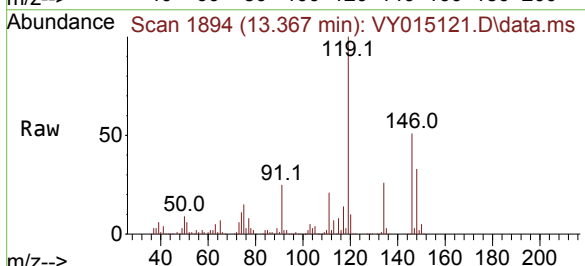
Tgt Ion:119 Resp: 166747

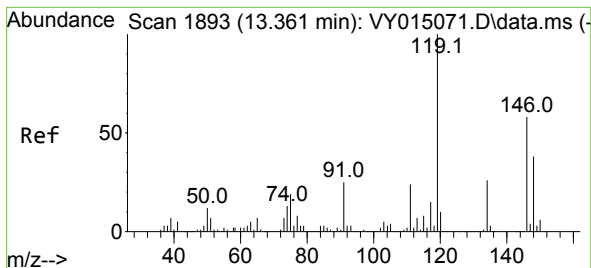
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 24.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.035 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

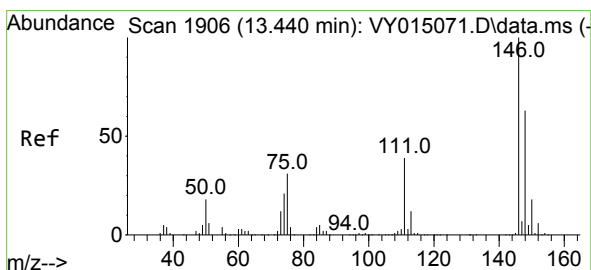
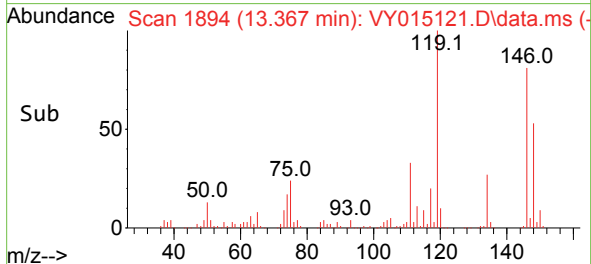
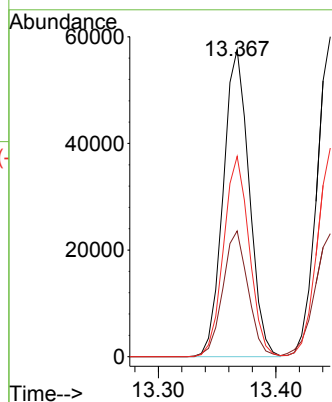
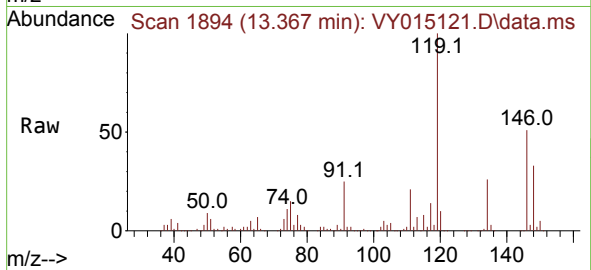
Tgt Ion:146 Resp: 88352

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.388 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

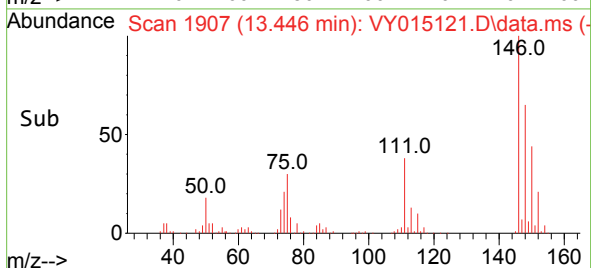
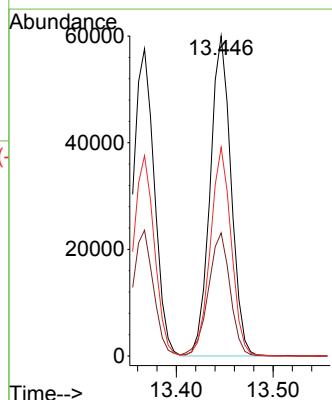
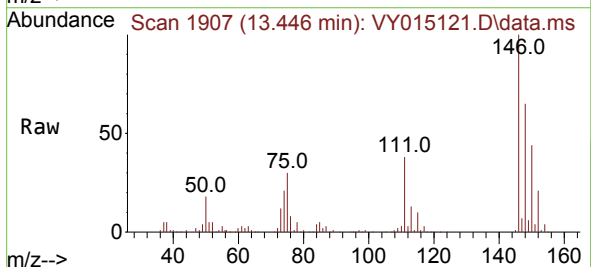
Tgt Ion:146 Resp: 90259

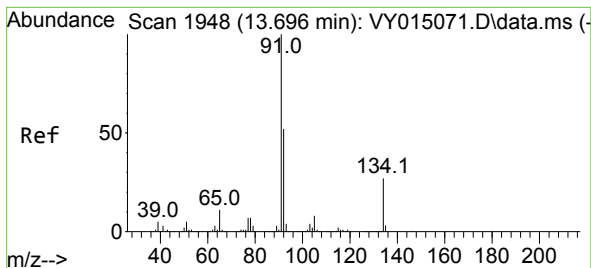
Ion Ratio Lower Upper

146 100

111 40.2 18.9 56.7

148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 18.338 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

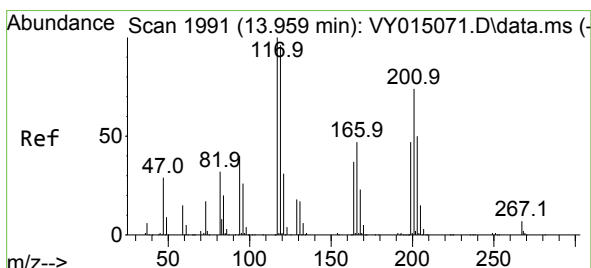
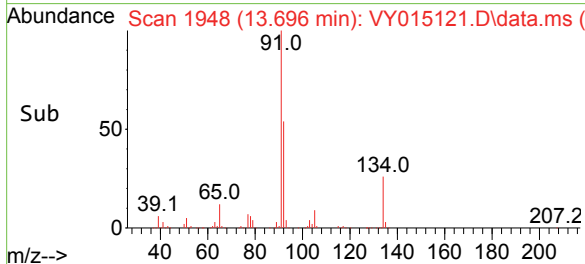
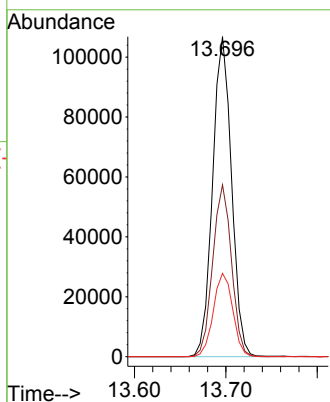
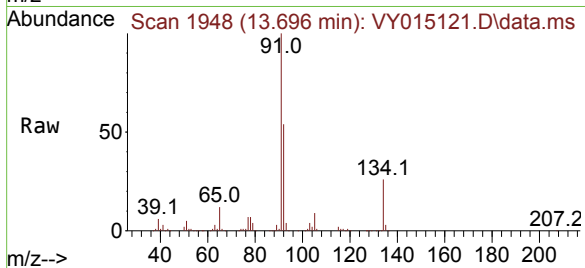
Tgt Ion: 91 Resp: 153739

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 18.350 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015121.D

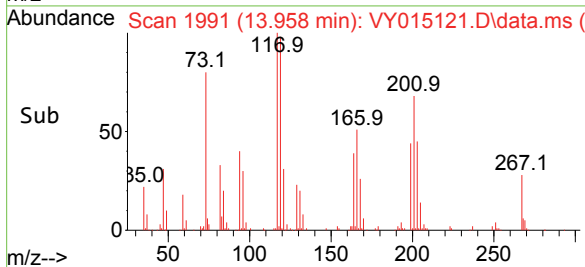
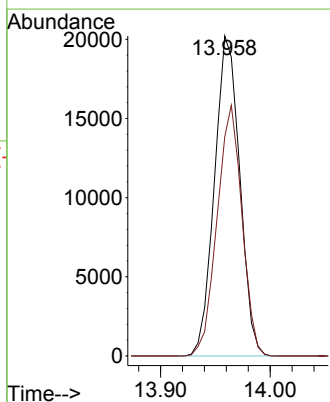
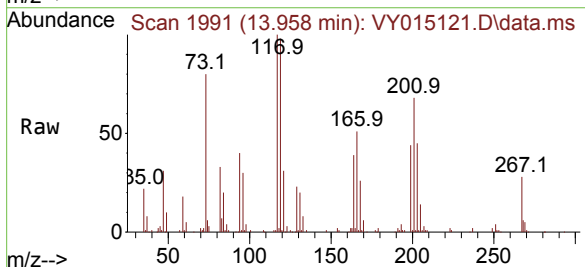
Acq: 15 Aug 2023 22:57

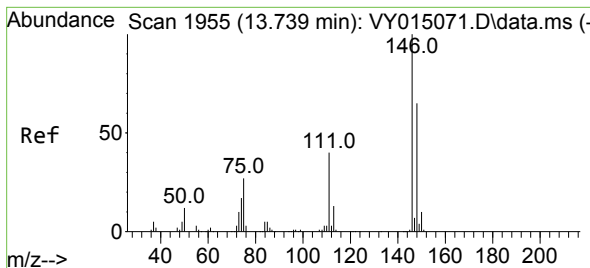
Tgt Ion: 117 Resp: 32370

Ion Ratio Lower Upper

117 100

201 77.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.452 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

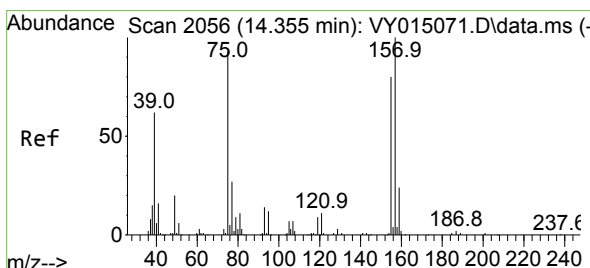
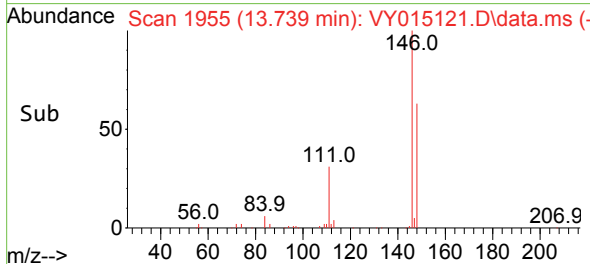
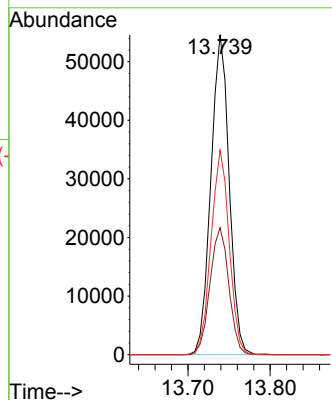
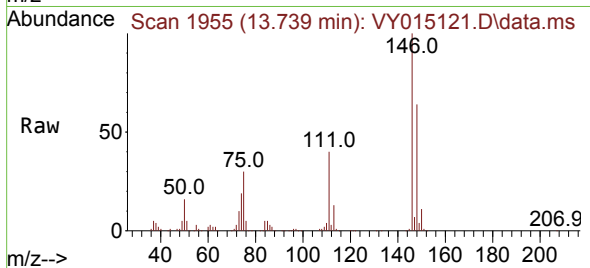
Tgt Ion:146 Resp: 84343

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.183 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

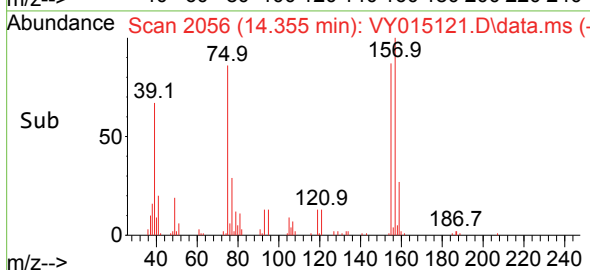
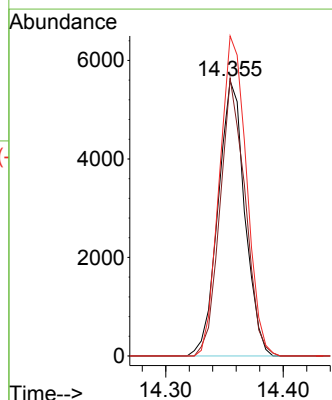
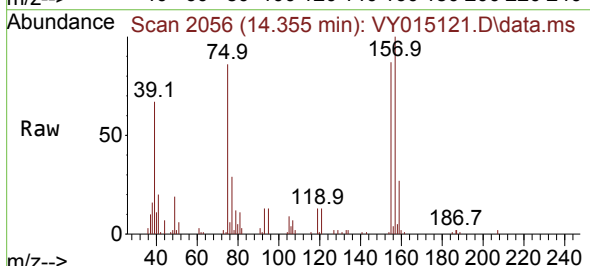
Tgt Ion: 75 Resp: 8807

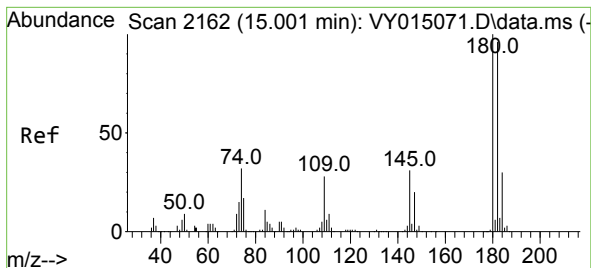
Ion Ratio Lower Upper

75 100

155 95.0 41.5 124.6

157 117.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.126 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

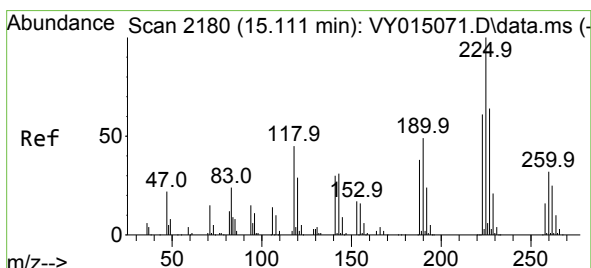
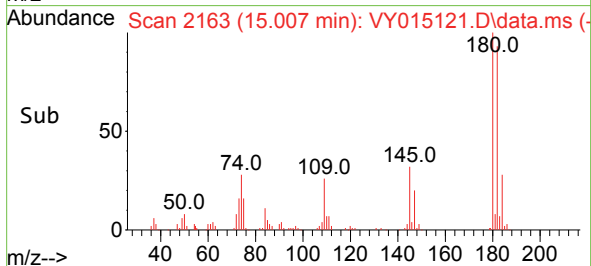
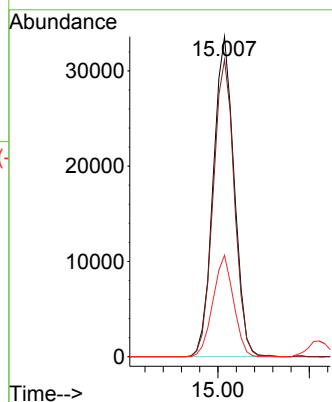
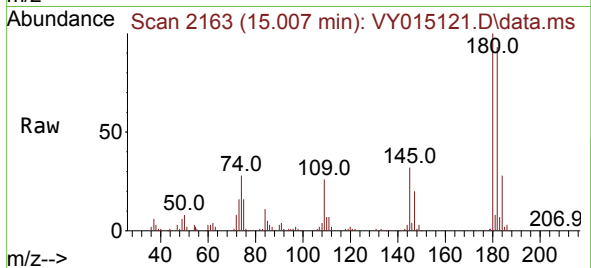
Tgt Ion:180 Resp: 53242

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.181 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

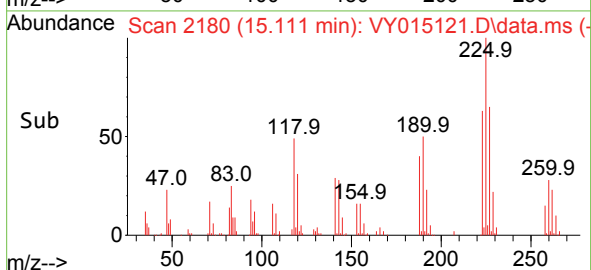
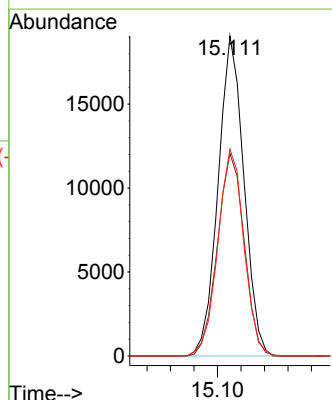
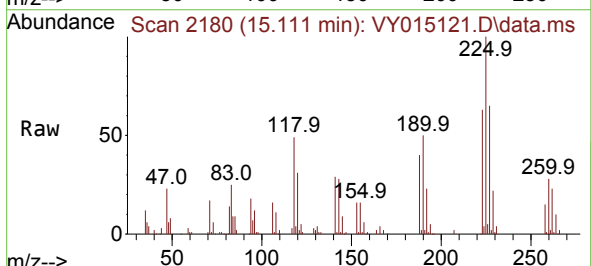
Tgt Ion:225 Resp: 29044

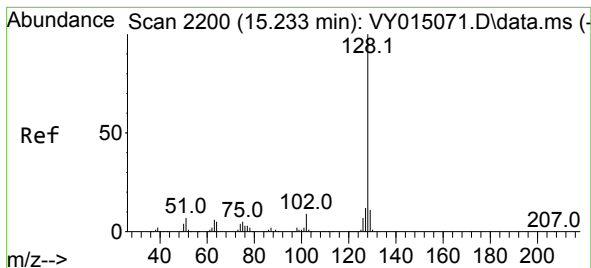
Ion Ratio Lower Upper

225 100

223 65.7 31.9 95.9

227 65.4 33.0 98.9





#95

Naphthalene

Concen: 18.664 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015121.D

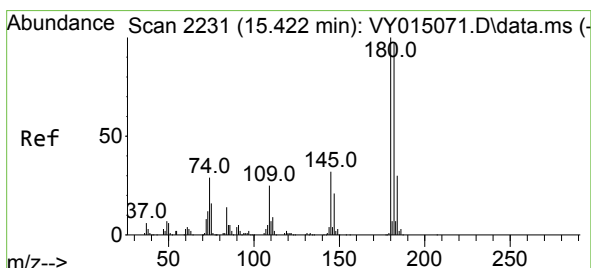
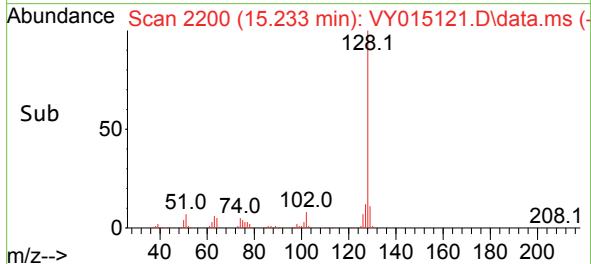
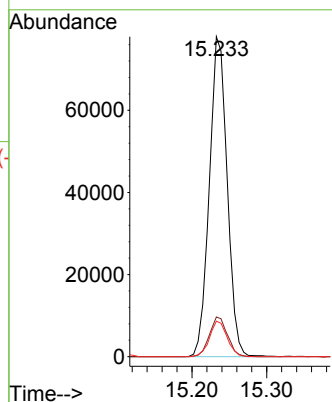
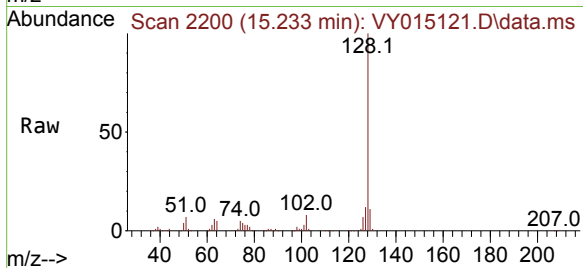
Acq: 15 Aug 2023 22:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	129419
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.8 16.2
129	11.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.308 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015121.D

Acq: 15 Aug 2023 22:57

Tgt Ion:180	Resp:	48539
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.3 141.8
145	32.3	15.4 46.2

