

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015161.D
 Acq On : 17 Aug 2023 09:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 00:49:21 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	177883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119046	55.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.500%
35) Dibromofluoromethane	7.716	113	107470	57.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.020%
50) Toluene-d8	10.179	98	393971	56.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.280%
62) 4-Bromofluorobenzene	12.483	95	142818	55.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	37226	48.742	ug/l	97
3) Chloromethane	2.113	50	58280	55.262	ug/l	100
4) Vinyl Chloride	2.247	62	70795	50.015	ug/l	100
5) Bromomethane	2.637	94	58443	60.753	ug/l	96
6) Chloroethane	2.784	64	55135	53.650	ug/l	95
7) Trichlorofluoromethane	3.119	101	119290	50.015	ug/l	100
8) Diethyl Ether	3.527	74	48620	51.978	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	73233	49.404	ug/l	96
10) Methyl Iodide	4.088	142	71414	49.063	ug/l	99
11) Tert butyl alcohol	4.948	59	92204	263.125	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	61234	49.471	ug/l	91
13) Acrolein	3.729	56	29741	209.398	ug/l	98
14) Allyl chloride	4.472	41	111631	50.867	ug/l	97
15) Acrylonitrile	5.155	53	161774	255.203	ug/l	98
16) Acetone	3.942	43	203102	291.155	ug/l	94
17) Carbon Disulfide	4.192	76	106027	48.673	ug/l	97
18) Methyl Acetate	4.472	43	128042	50.088	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	269392	51.186	ug/l	99
20) Methylene Chloride	4.704	84	91367	55.065	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	71724	51.371	ug/l	94
22) Diisopropyl ether	6.118	45	291171	53.172	ug/l #	90
23) Vinyl Acetate	6.057	43	845761	258.843	ug/l	96
24) 1,1-Dichloroethane	6.009	63	156682	52.850	ug/l	98
25) 2-Butanone	6.984	43	264141	267.432	ug/l	95
26) 2,2-Dichloropropane	6.978	77	146364	51.213	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	99965	52.414	ug/l	97
28) Bromochloromethane	7.332	49	69347	50.914	ug/l	93
29) Tetrahydrofuran	7.344	42	146394	247.880	ug/l	94
30) Chloroform	7.502	83	177548	53.423	ug/l	97
31) Cyclohexane	7.783	56	96818	50.803	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	147546	52.172	ug/l	99
36) 1,1-Dichloropropene	7.917	75	107133	51.373	ug/l	99
37) Ethyl Acetate	7.069	43	95375	49.065	ug/l	97
38) Carbon Tetrachloride	7.899	117	125094	50.685	ug/l	99
39) Methylcyclohexane	9.185	83	113223	48.431	ug/l	93
40) Benzene	8.161	78	334735	53.091	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	135547	135.230	ug/l	# 39
42) 1,2-Dichloroethane	8.234	62	118958	51.951	ug/l	95
43) Isopropyl Acetate	8.270	43	177074	50.023	ug/l	98
44) Trichloroethene	8.941	130	92618	50.989	ug/l	100
45) 1,2-Dichloropropane	9.215	63	94412	53.103	ug/l	98
46) Dibromomethane	9.301	93	59188	52.784	ug/l	96
47) Bromodichloromethane	9.496	83	143500	53.629	ug/l	98
48) Methyl methacrylate	9.295	41	80228	52.981	ug/l	96
49) 1,4-Dioxane	9.295	88	22025	982.264	ug/l	# 66
51) 4-Methyl-2-Pentanone	10.069	43	522680	254.772	ug/l	95
52) Toluene	10.246	92	220623	53.090	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	146362	52.048	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	157153	53.064	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	89225	52.332	ug/l	97
56) Ethyl methacrylate	10.508	69	127574	51.127	ug/l	91
57) 1,3-Dichloropropane	10.788	76	146783	52.694	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	291429	250.966	ug/l	95
59) 2-Hexanone	10.831	43	399600	263.176	ug/l	93
60) Dibromochloromethane	10.983	129	108066	53.134	ug/l	100
61) 1,2-Dibromoethane	11.087	107	81677	50.427	ug/l	98
64) Tetrachloroethene	10.721	164	97234	51.911	ug/l	97
65) Chlorobenzene	11.520	112	257402	52.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	105607	53.133	ug/l	99
67) Ethyl Benzene	11.593	91	442913	51.605	ug/l	100
68) m/p-Xylenes	11.703	106	337300	103.475	ug/l	96
69) o-Xylene	12.032	106	168433	51.869	ug/l	98
70) Styrene	12.044	104	298133	53.046	ug/l	96
71) Bromoform	12.209	173	74239	51.525	ug/l	# 99
73) Isopropylbenzene	12.331	105	453869	50.319	ug/l	99
74) N-amyl acetate	12.142	43	164127	50.399	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	118663	50.513	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	153311	89.963	ug/l	# 100
77) Bromobenzene	12.611	156	112386	51.117	ug/l	97
78) n-propylbenzene	12.672	91	549596	51.312	ug/l	99
79) 2-Chlorotoluene	12.757	91	316244	51.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	385618	51.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	38144	49.163	ug/l	99
82) 4-Chlorotoluene	12.855	91	331242	51.890	ug/l	99
83) tert-Butylbenzene	13.074	119	346392	50.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	387842	51.623	ug/l	99
85) sec-Butylbenzene	13.251	105	517203	51.329	ug/l	100
86) p-Isopropyltoluene	13.367	119	432794	51.806	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	225615	51.737	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	228439	52.228	ug/l	99
89) n-Butylbenzene	13.696	91	407350	51.715	ug/l	97
90) Hexachloroethane	13.958	117	85359	51.504	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	214250	52.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21535	47.322	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	130925	50.060	ug/l	99
94) Hexachlorobutadiene	15.111	225	69425	48.801	ug/l	98
95) Naphthalene	15.239	128	308303	47.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	118041	49.976	ug/l	98

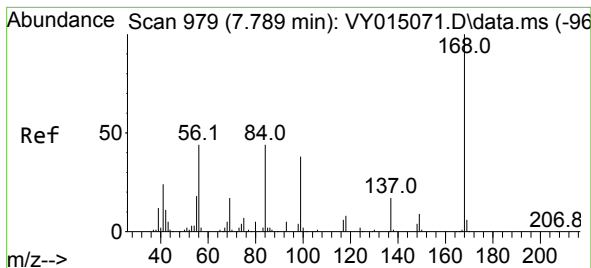
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

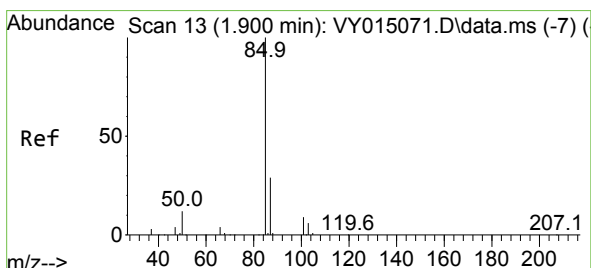
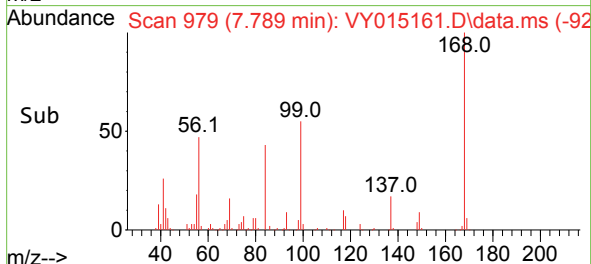
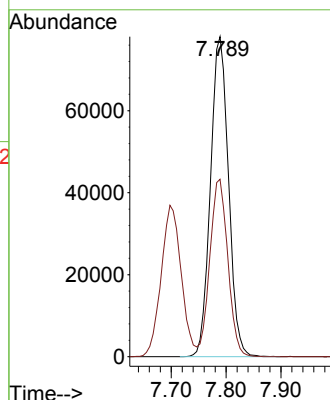
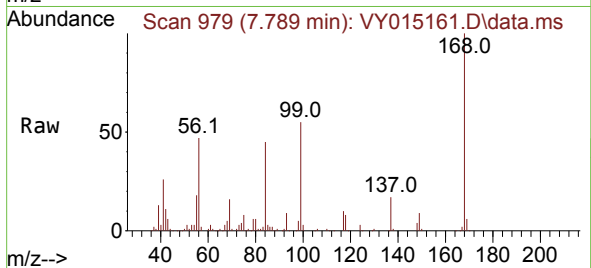
ClientSampleId :

Tgt Ion:168 Resp: 177883

Ion Ratio Lower Upper

168 100

99 55.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 48.742 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015161.D

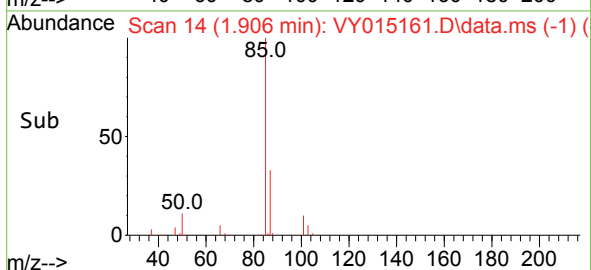
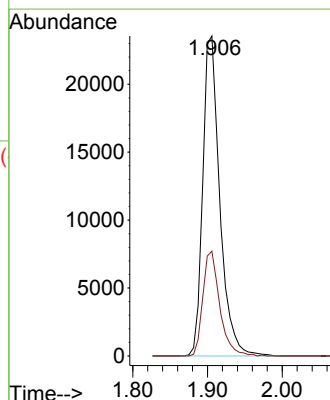
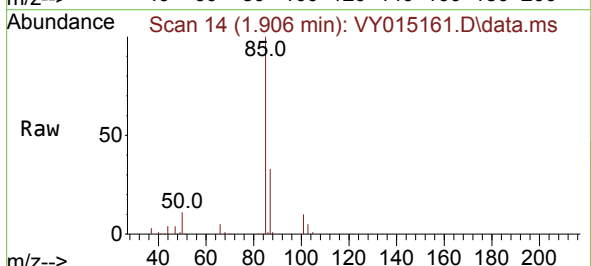
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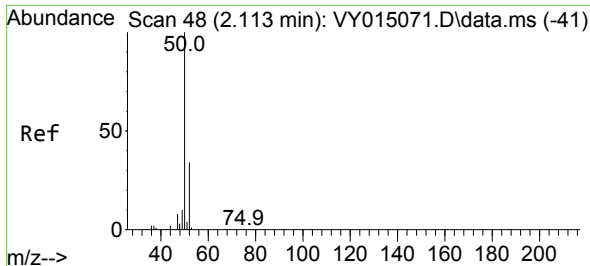
Tgt Ion: 85 Resp: 37226

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8

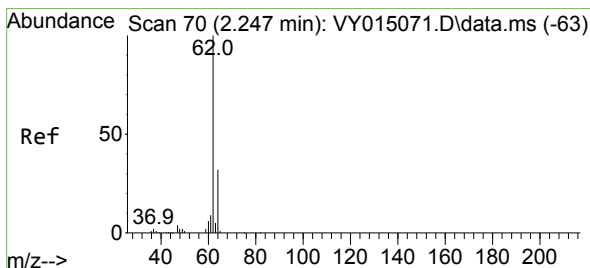
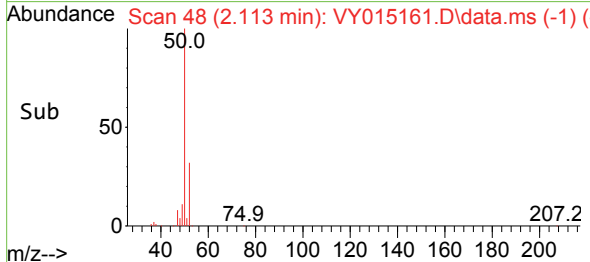
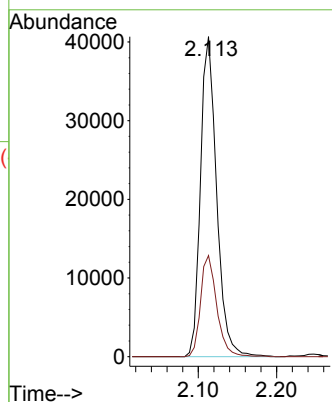
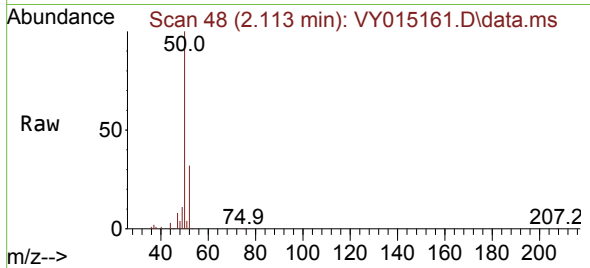




#3
Chloromethane
Concen: 55.262 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015161.D
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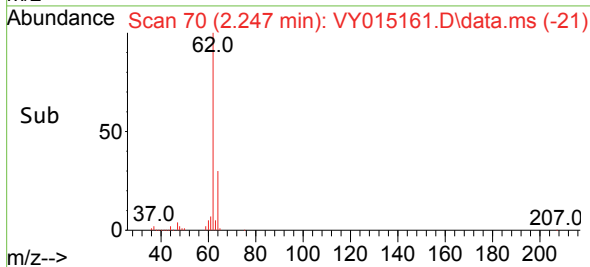
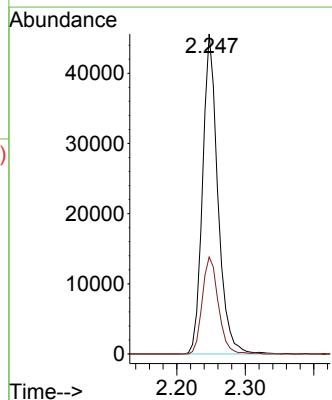
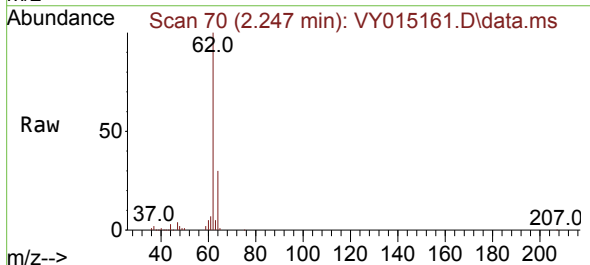
Instrument :
MSVOA_Y
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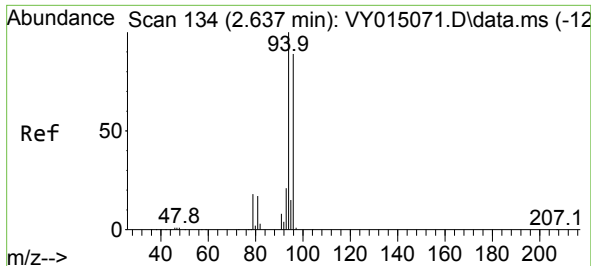
Tgt Ion: 50 Resp: 58280
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2



#4
Vinyl Chloride
Concen: 50.015 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

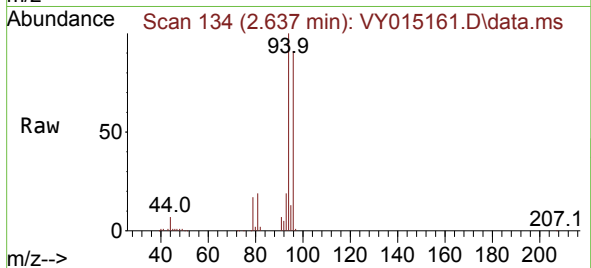
Tgt Ion: 62 Resp: 70795
Ion Ratio Lower Upper
62 100
64 30.3 24.3 36.5



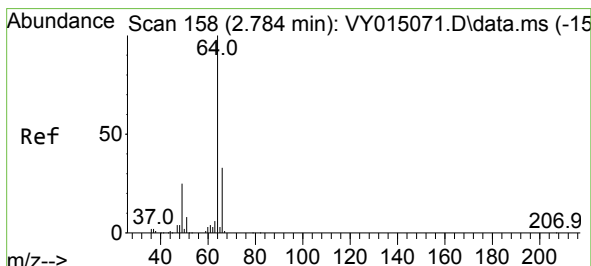
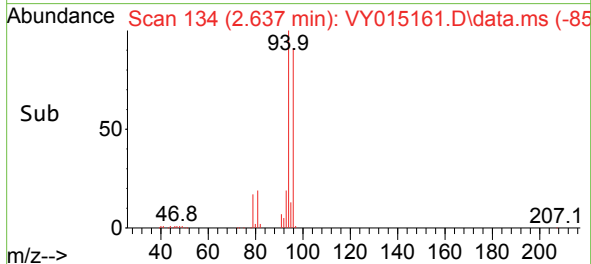
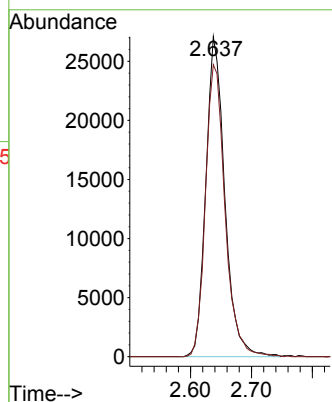


#5
Bromomethane
Concen: 60.753 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :

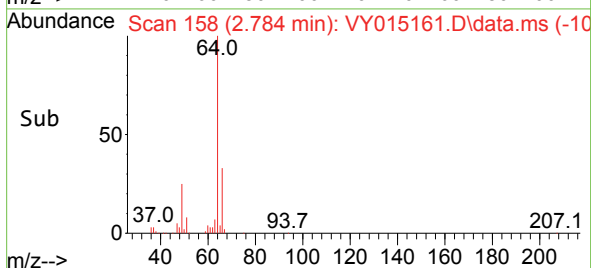
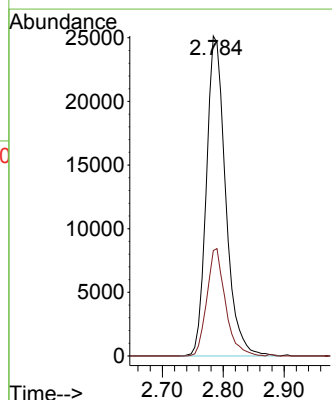
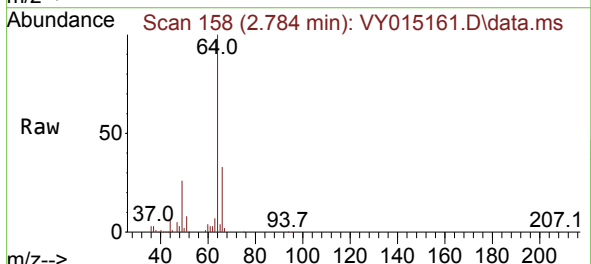


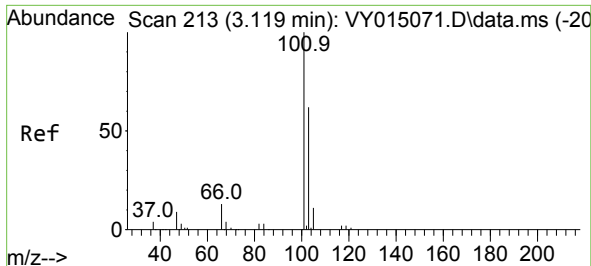
Tgt Ion: 94 Resp: 58443
Ion Ratio Lower Upper
94 100
96 91.2 75.8 113.6



#6
Chloroethane
Concen: 53.650 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

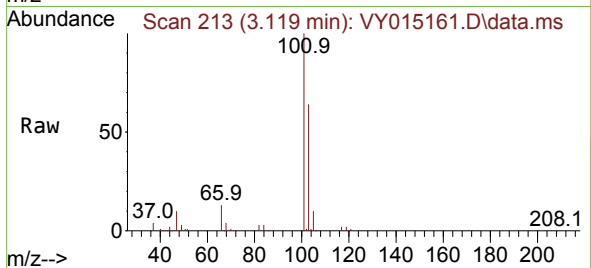
Tgt Ion: 64 Resp: 55135
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6



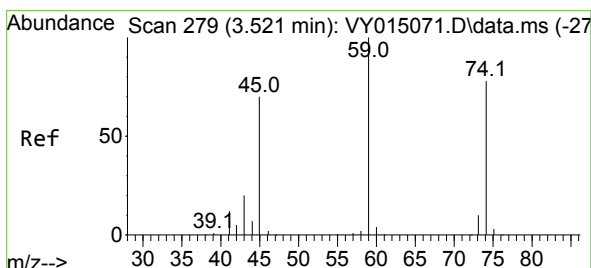
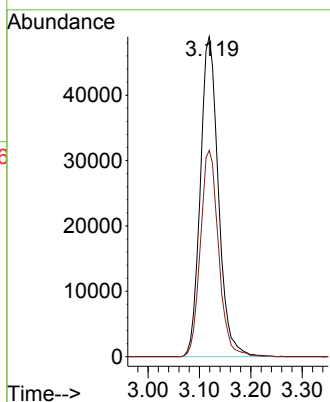
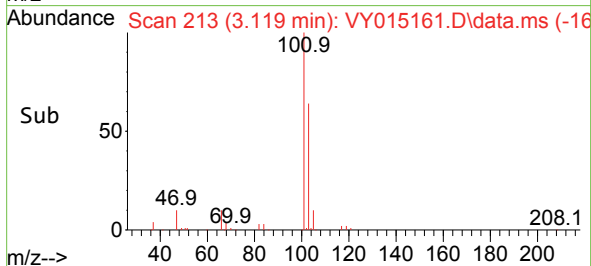


#7
 Trichlorofluoromethane
 Concen: 50.015 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015161.D
 Acq: 17 Aug 2023 09:56

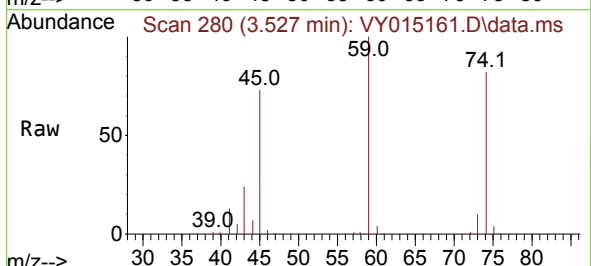
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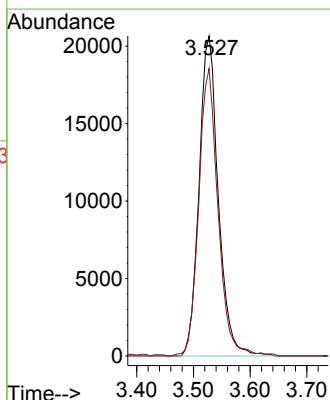
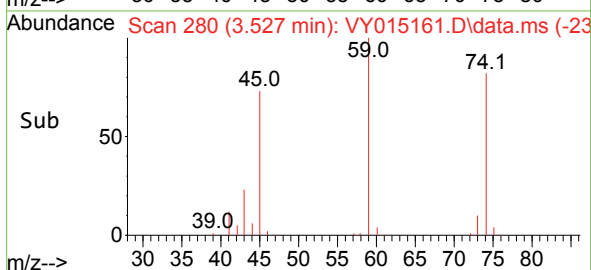
Tgt Ion:101 Resp: 119290
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

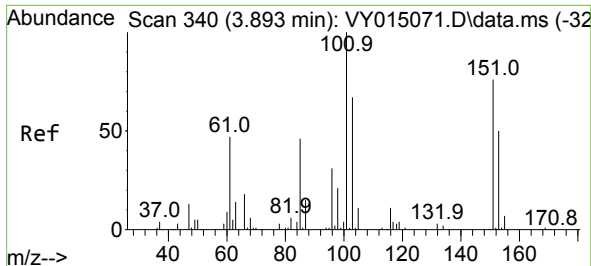


#8
 Diethyl Ether
 Concen: 51.978 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015161.D
 Acq: 17 Aug 2023 09:56



Tgt Ion: 74 Resp: 48620
 Ion Ratio Lower Upper
 74 100
 45 90.2 51.5 154.5

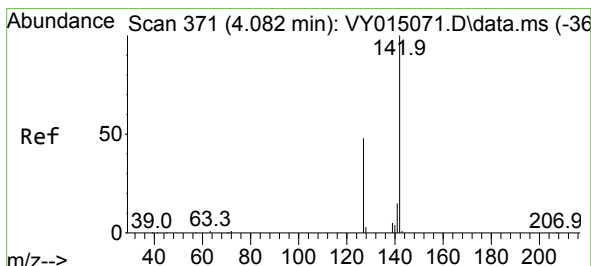
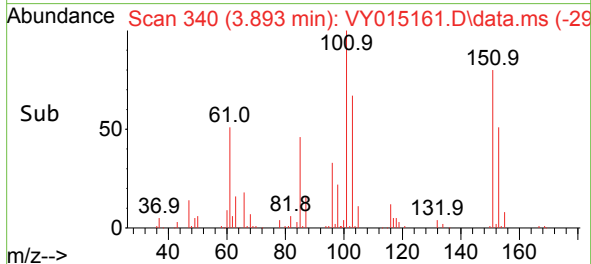
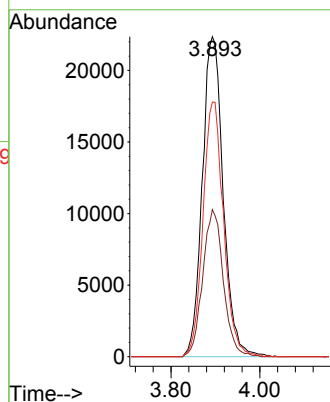
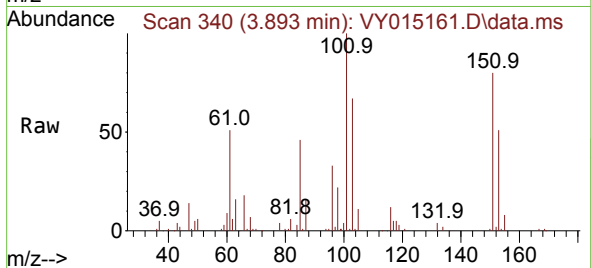




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.404 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015161.D
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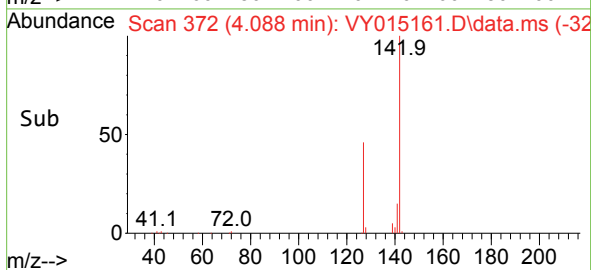
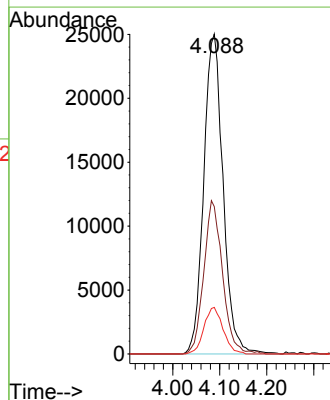
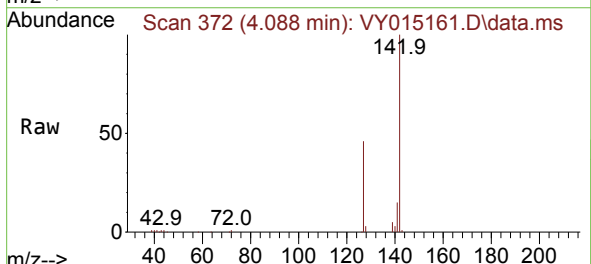
Instrument :
MSVOA_Y
ClientSampleId :

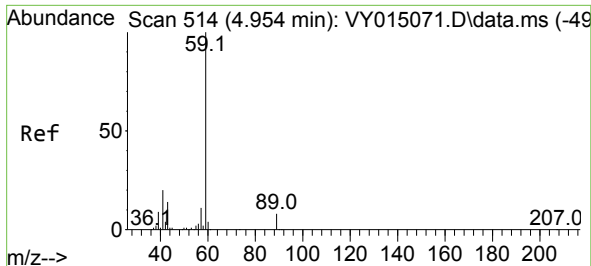
Tgt Ion:101 Resp: 73233
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 78.4 67.0 100.6



#10
Methyl Iodide
Concen: 49.063 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

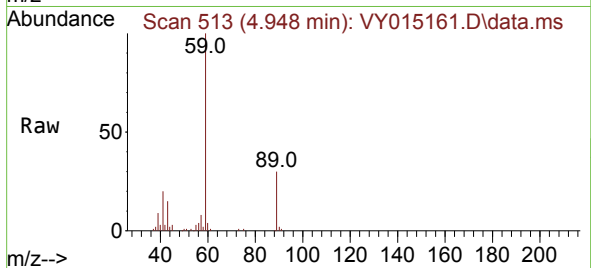
Tgt Ion:142 Resp: 71414
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.4 11.8 17.8



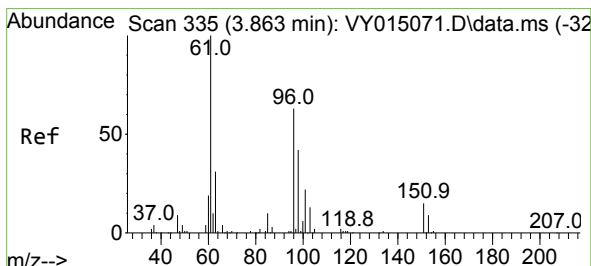
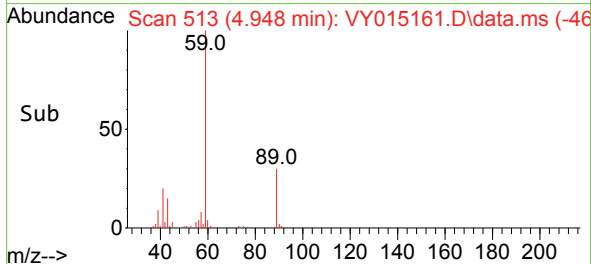
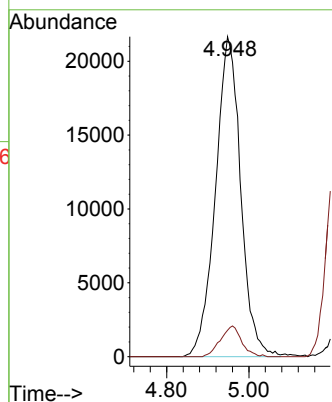


#11
Tert butyl alcohol
Concen: 263.125 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :

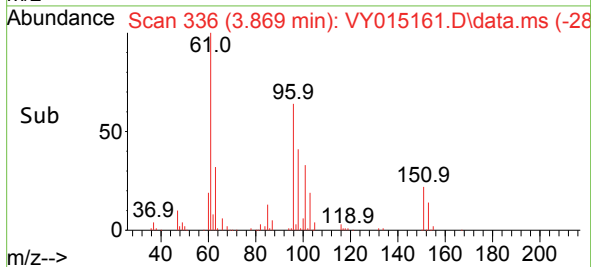
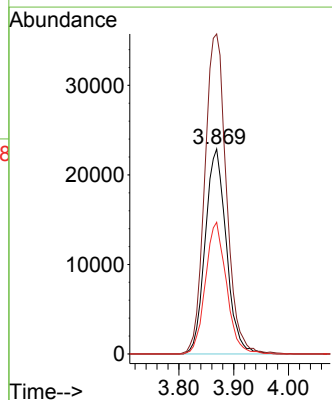
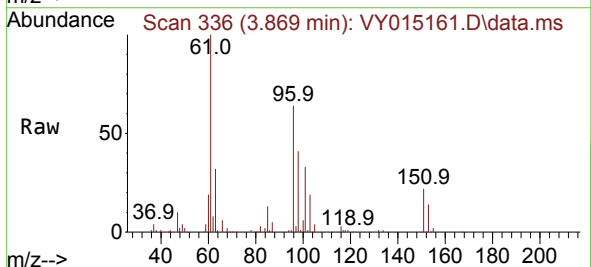


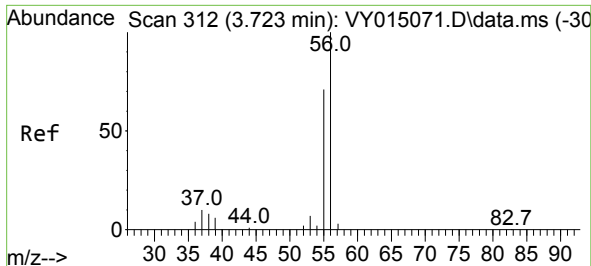
Tgt Ion: 59 Resp: 92204
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.471 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 96 Resp: 61234
Ion Ratio Lower Upper
96 100
61 156.2 136.4 204.6
98 64.3 49.4 74.2

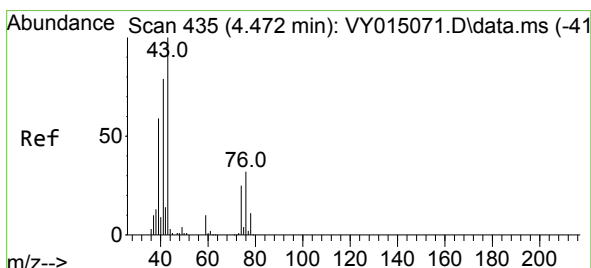
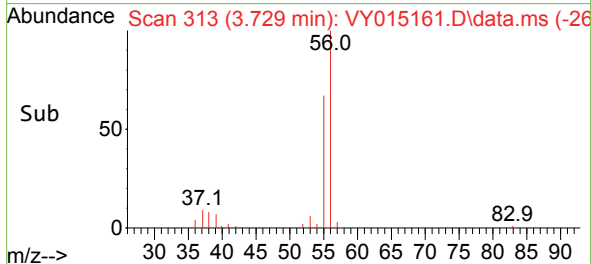
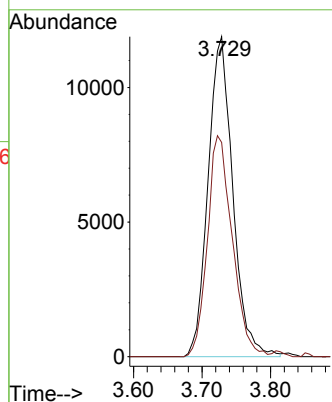
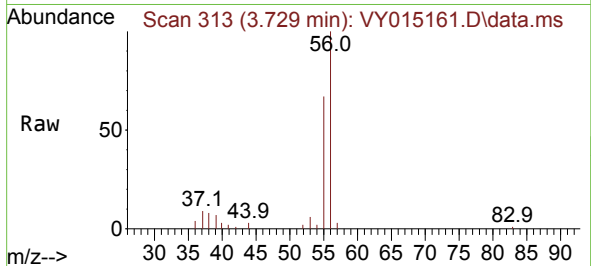




#13
Acrolein
Concen: 209.398 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

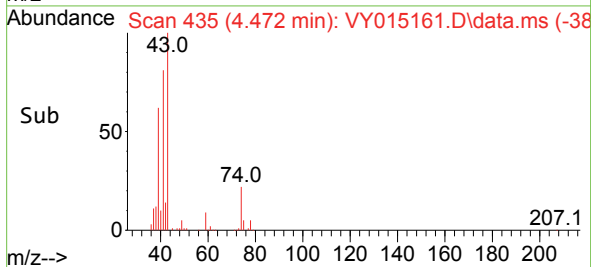
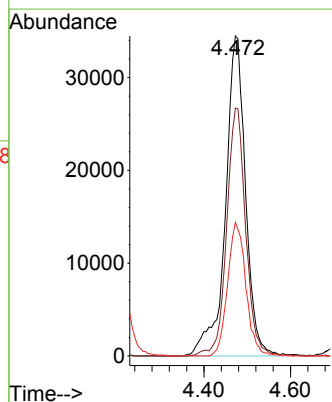
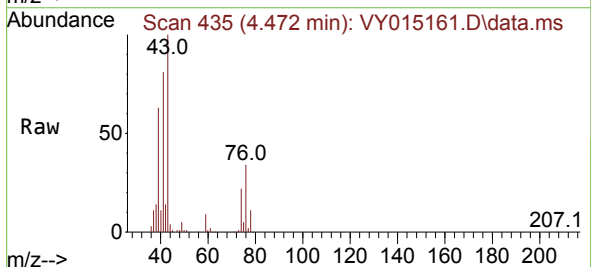
Instrument :
MSVOA_Y
ClientSampleId :

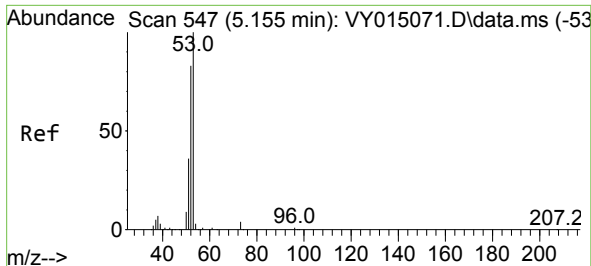
Tgt Ion: 56 Resp: 29741
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.4



#14
Allyl chloride
Concen: 50.867 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

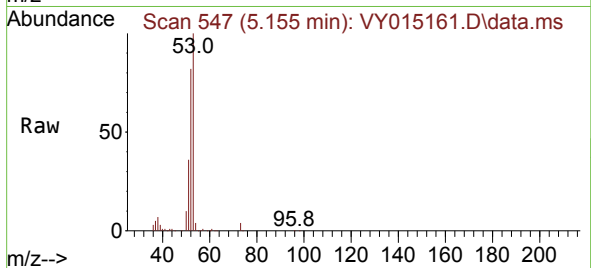
Tgt Ion: 41 Resp: 111631
Ion Ratio Lower Upper
41 100
39 73.1 58.0 87.0
76 38.0 27.4 41.2



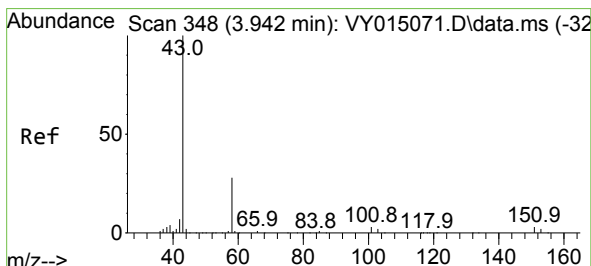
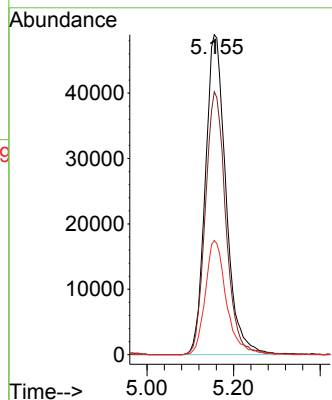
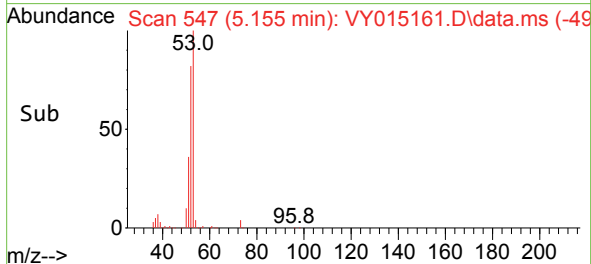


#15
Acrylonitrile
Concen: 255.203 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :

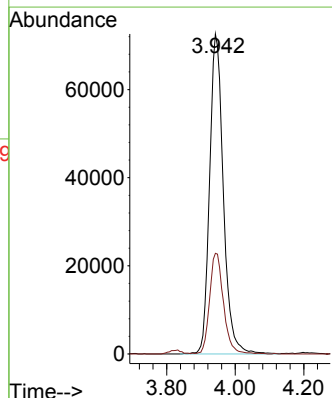
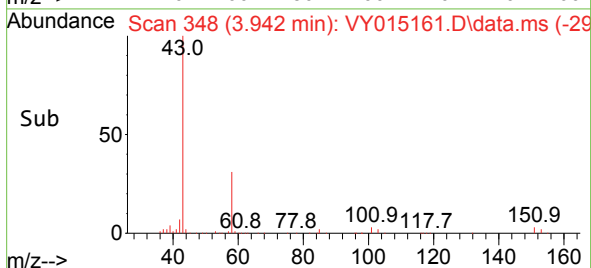
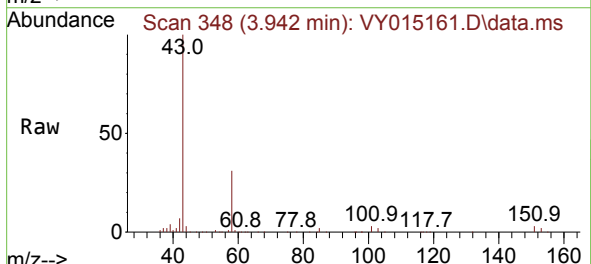


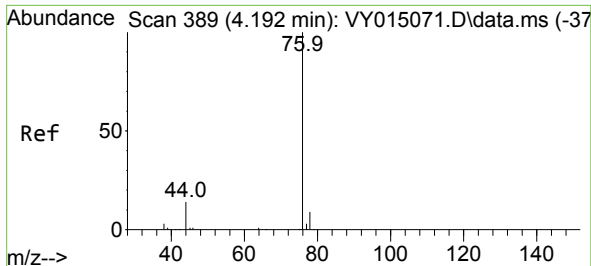
Tgt Ion: 53 Resp: 161774
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 291.155 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 43 Resp: 203102
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

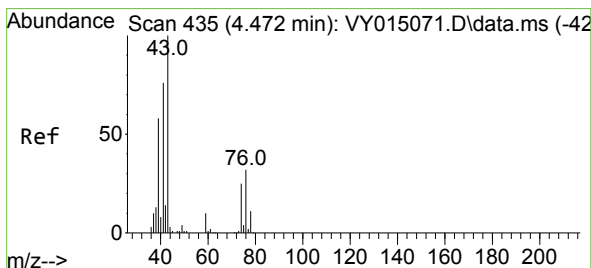
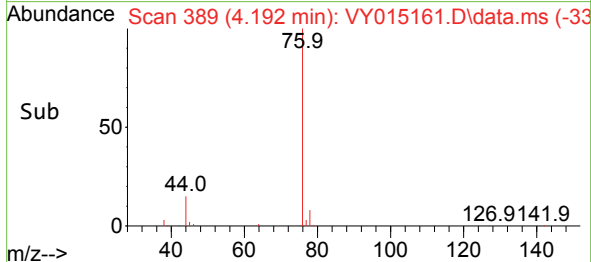
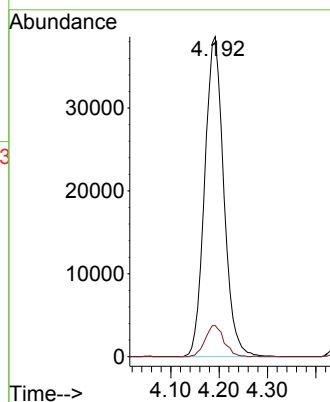
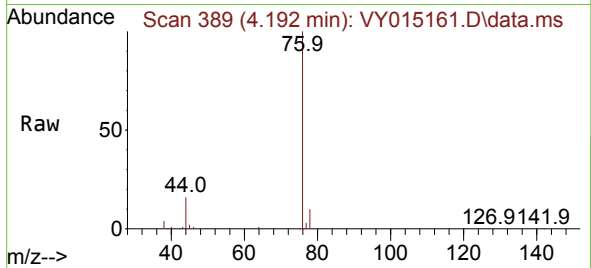




#17
Carbon Disulfide
Concen: 48.673 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

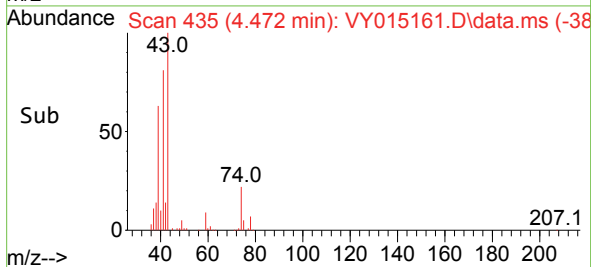
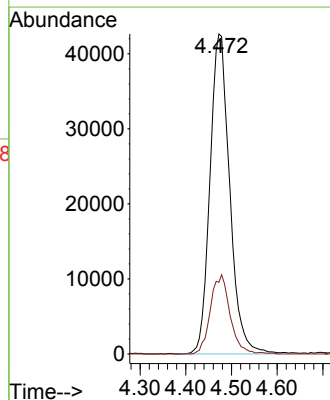
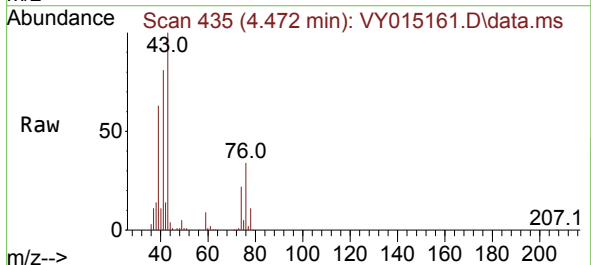
Instrument :
MSVOA_Y
ClientSampleId :

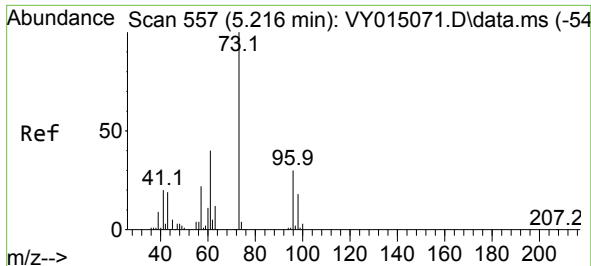
Tgt Ion: 76 Resp: 106027
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 50.088 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 43 Resp: 128042
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0

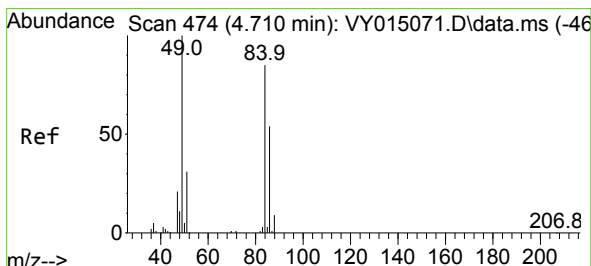
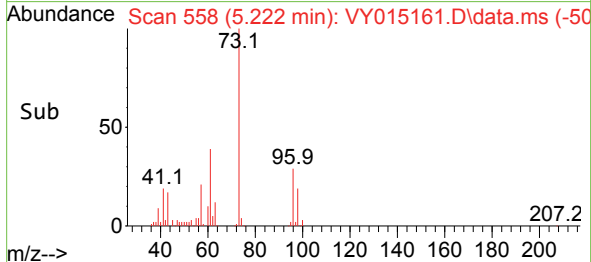
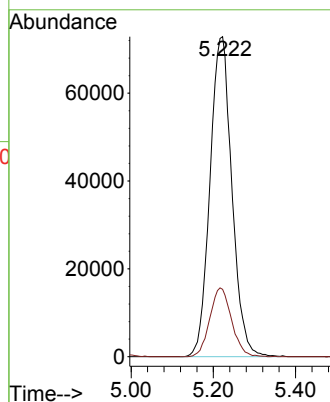
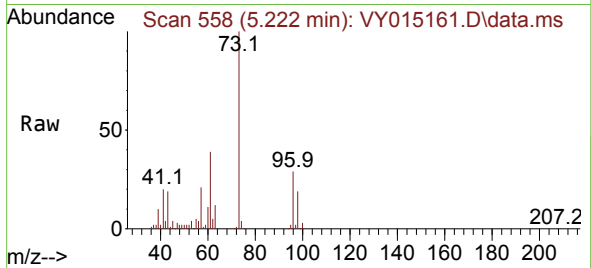




#19
Methyl tert-butyl Ether
Concen: 51.186 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

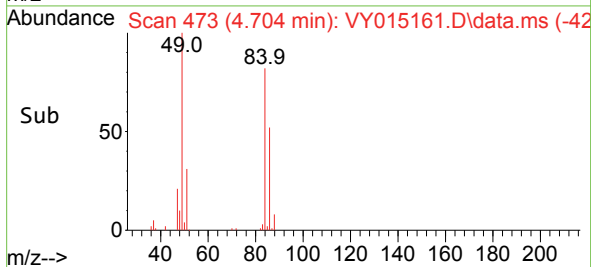
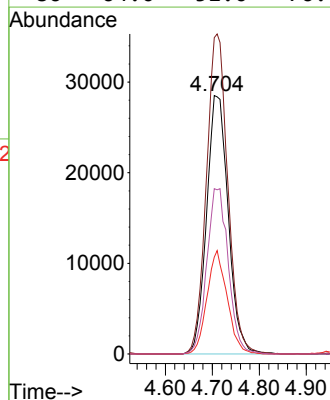
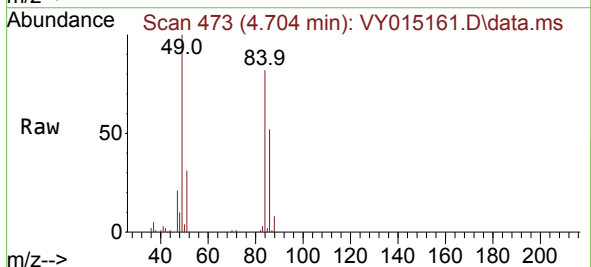
Instrument :
MSVOA_Y
ClientSampleId :

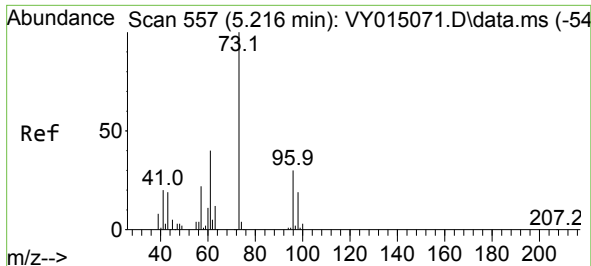
Tgt Ion: 73 Resp: 269392
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 55.065 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

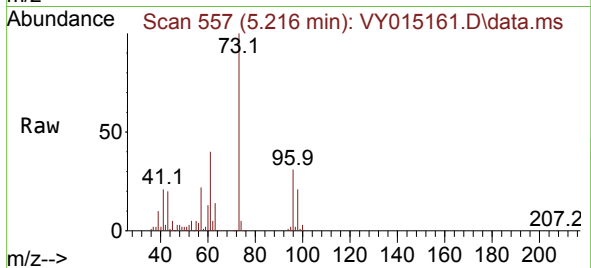
Tgt Ion: 84 Resp: 91367
Ion Ratio Lower Upper
84 100
49 122.4 106.9 160.3
51 37.5 33.2 49.8
86 64.0 51.0 76.6



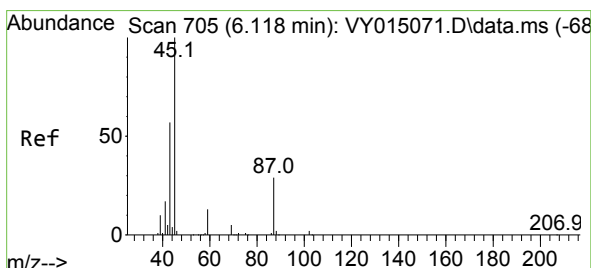
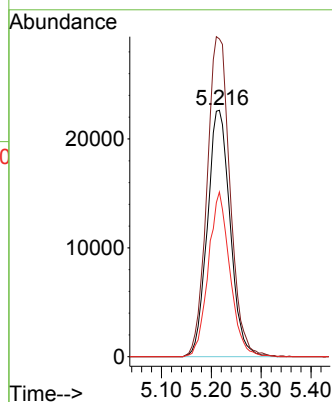
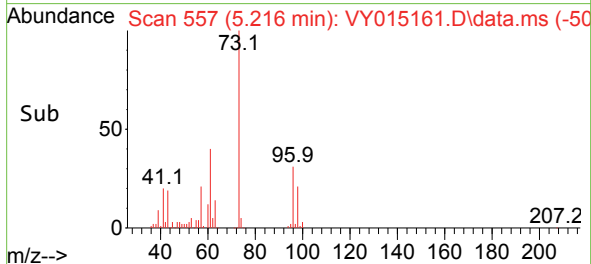


#21
trans-1,2-Dichloroethene
Concen: 51.371 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :

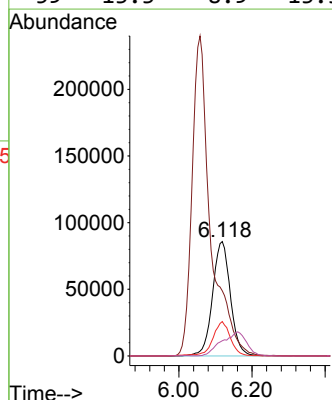
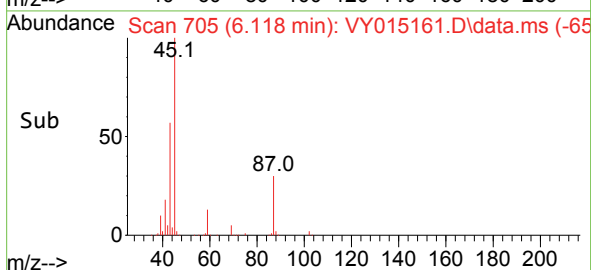
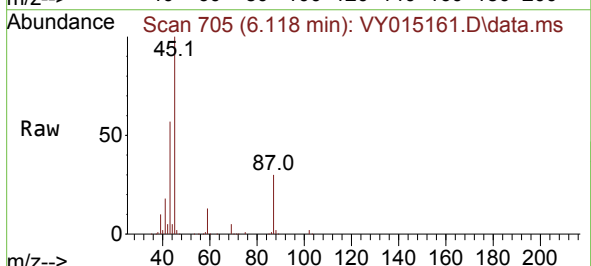


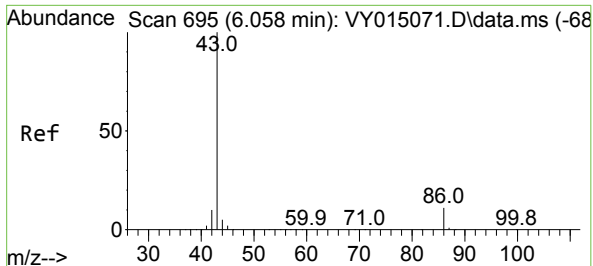
Tgt Ion: 96 Resp: 71724
Ion Ratio Lower Upper
96 100
61 128.9 110.2 165.4
98 66.8 51.8 77.6



#22
Diisopropyl ether
Concen: 53.172 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 45 Resp: 291171
Ion Ratio Lower Upper
45 100
43 56.4 52.2 78.4
87 30.1 21.0 31.6
59 13.3 8.9 13.3#

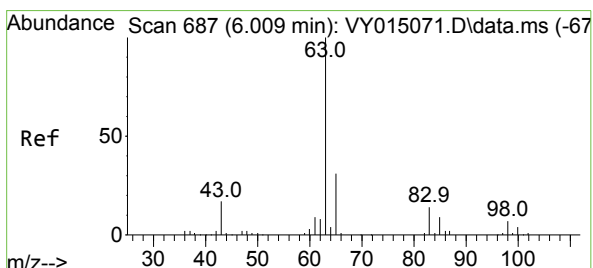
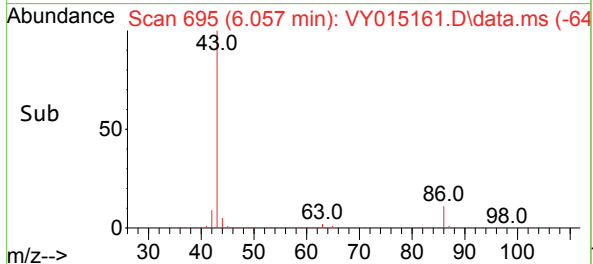
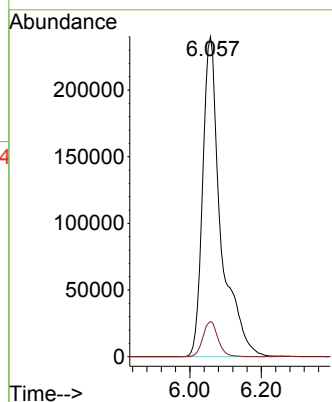
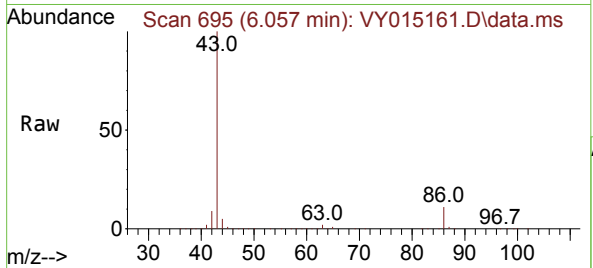




#23
 Vinyl Acetate
 Concen: 258.843 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015161.D
 Acq: 17 Aug 2023 09:56

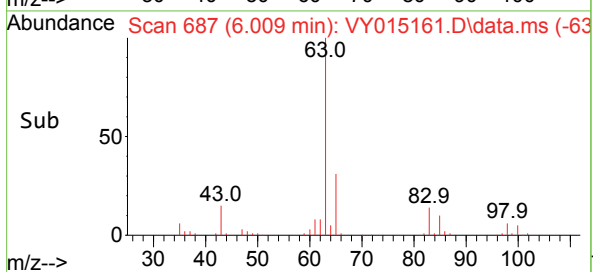
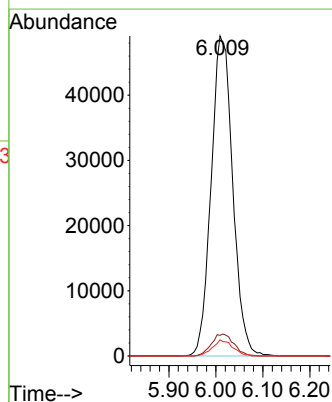
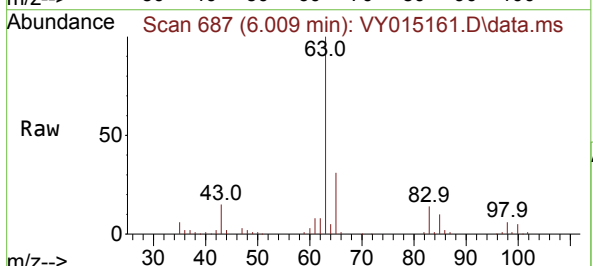
Instrument :
 MSVOA_Y
 ClientSampleId :

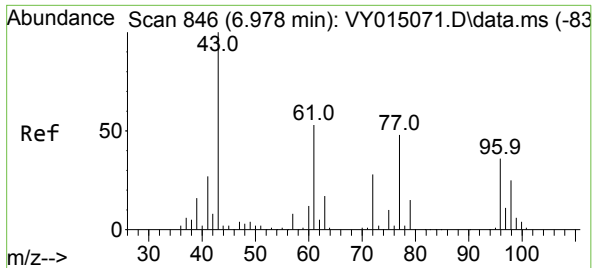
Tgt Ion: 43 Resp: 845761
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.850 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015161.D
 Acq: 17 Aug 2023 09:56

Tgt Ion: 63 Resp: 156682
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 5.1 1.8 5.5

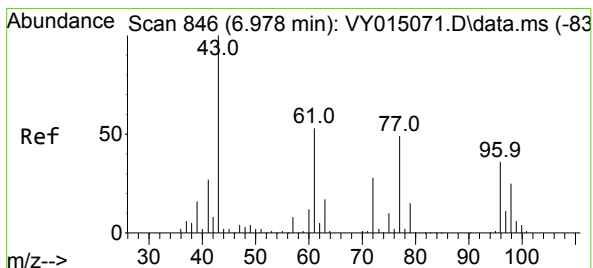
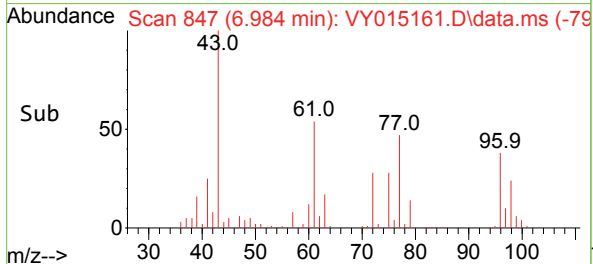
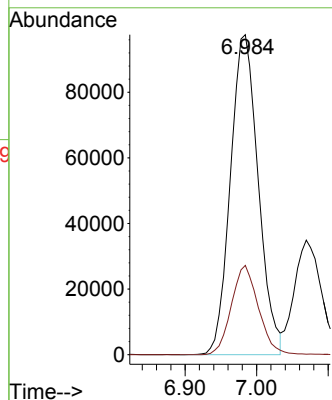
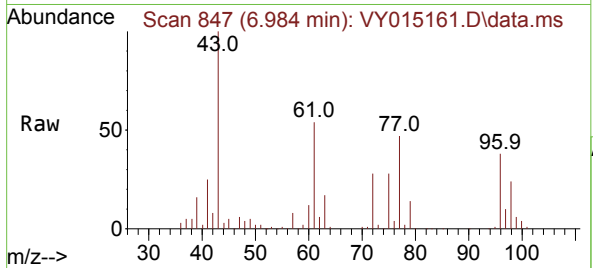




#25
2-Butanone
Concen: 267.432 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

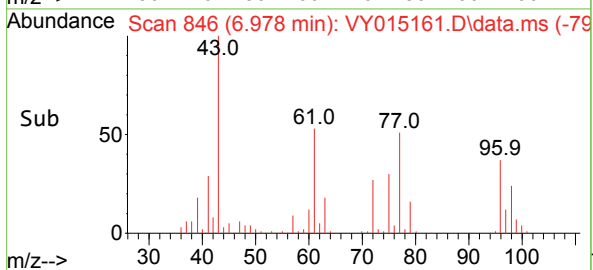
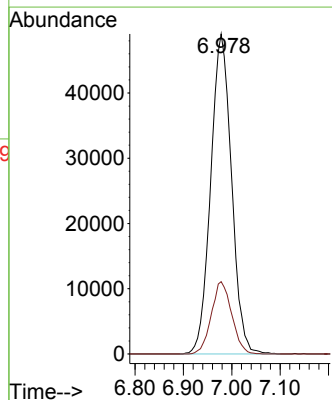
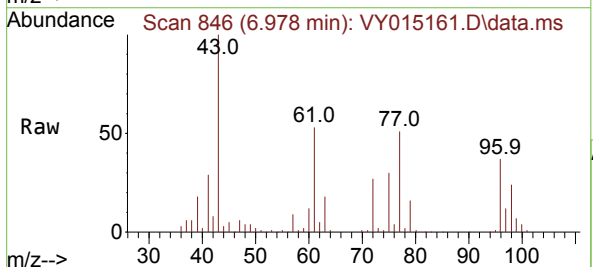
Instrument :
MSVOA_Y
ClientSampleId :

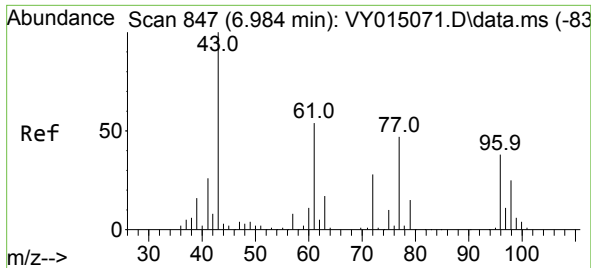
Tgt Ion: 43 Resp: 264141
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 51.213 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 77 Resp: 146364
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.414 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

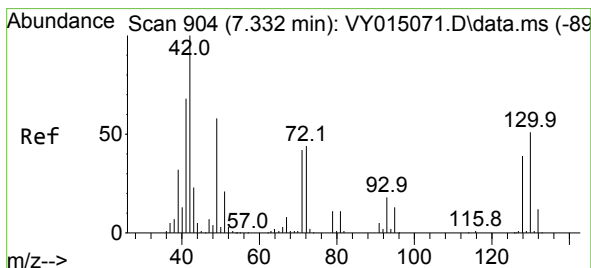
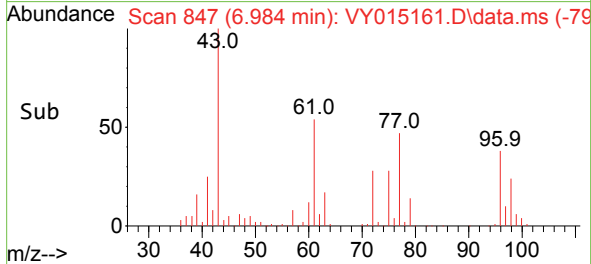
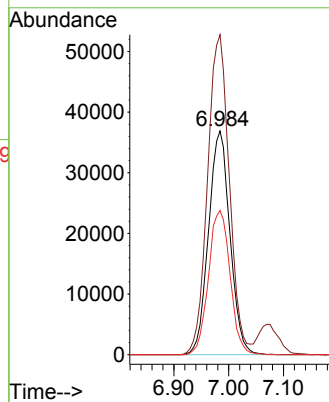
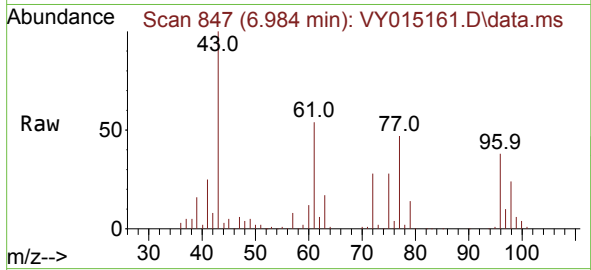
Tgt Ion: 96 Resp: 99965

Ion Ratio Lower Upper

96 100

61 145.2 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 50.914 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

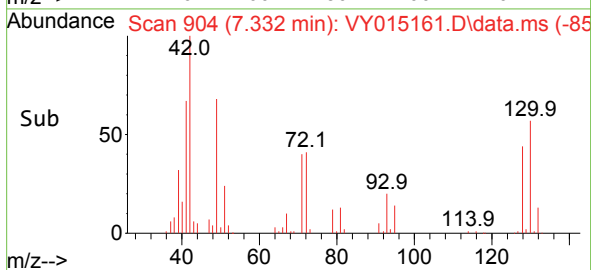
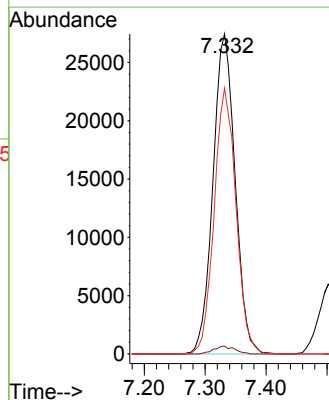
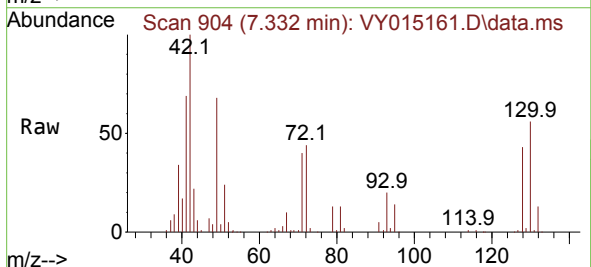
Tgt Ion: 49 Resp: 69347

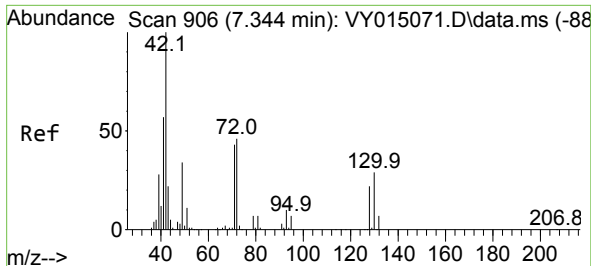
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 81.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 247.880 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

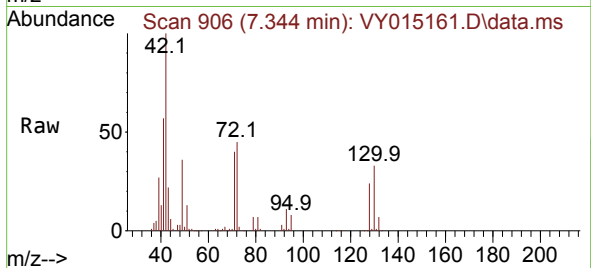
Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :



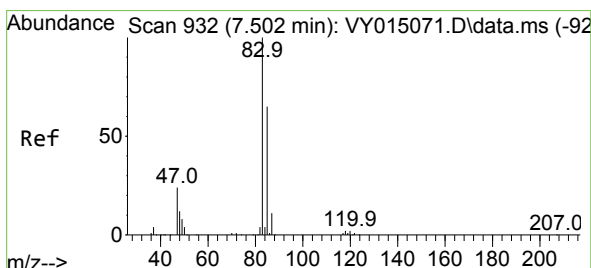
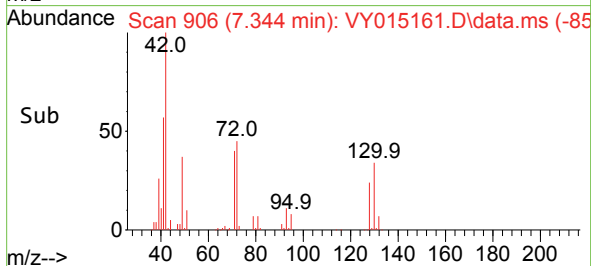
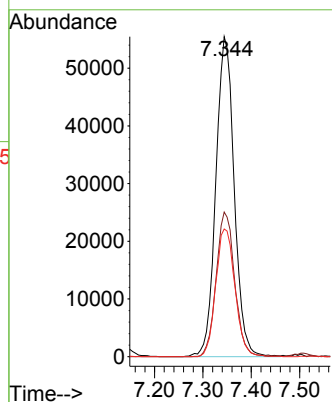
Tgt Ion: 42 Resp: 146394

Ion Ratio Lower Upper

42 100

72 45.5 32.8 49.2

71 41.8 31.0 46.4



#30

Chloroform

Concen: 53.423 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015161.D

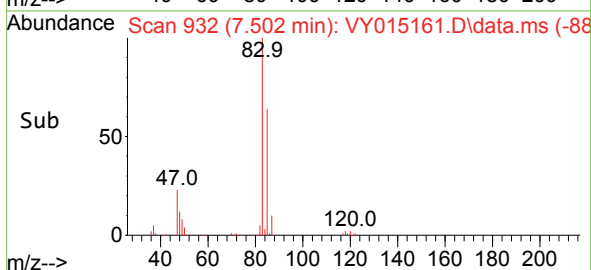
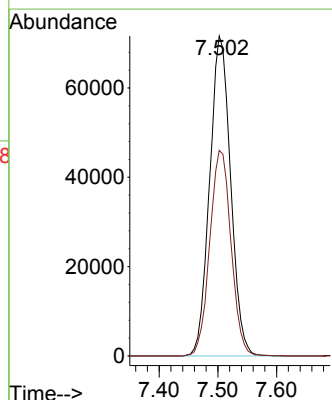
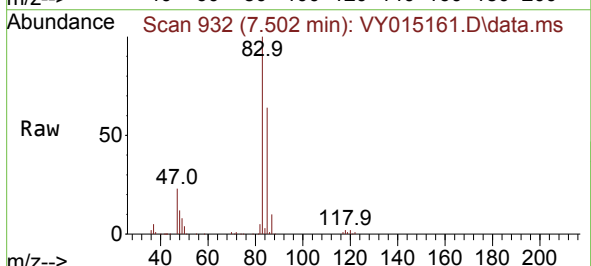
Acq: 17 Aug 2023 09:56

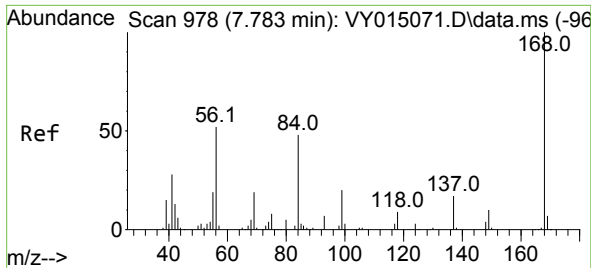
Tgt Ion: 83 Resp: 177548

Ion Ratio Lower Upper

83 100

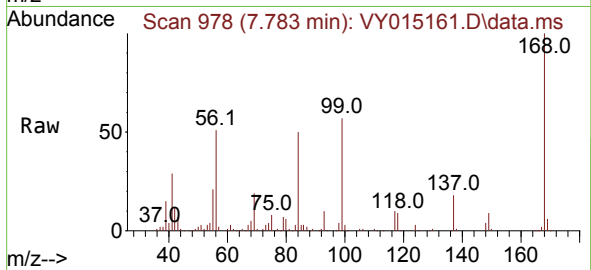
85 64.3 49.7 74.5



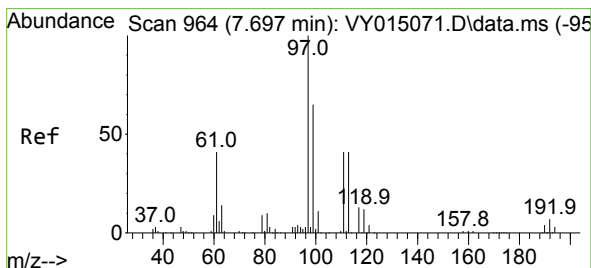
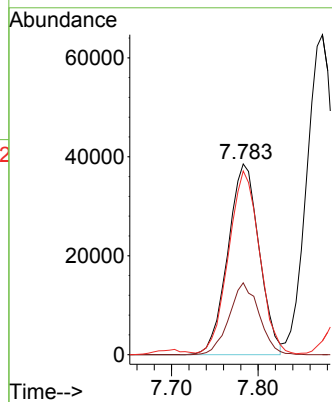
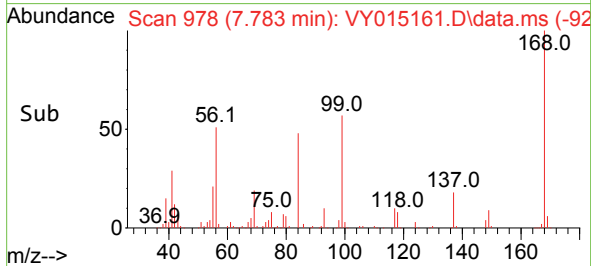


#31
Cyclohexane
Concen: 50.803 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :

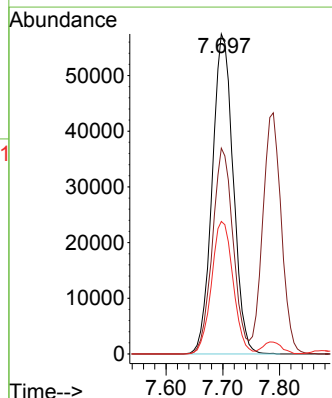
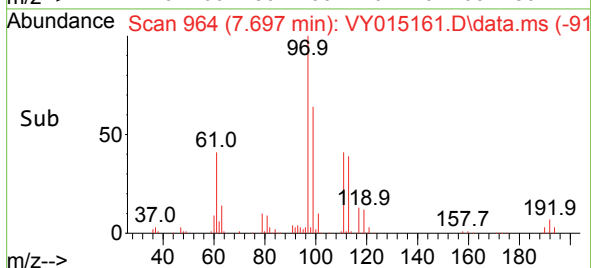
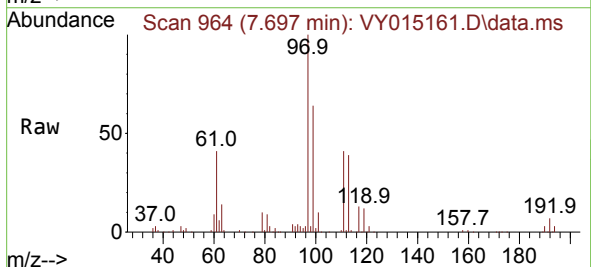


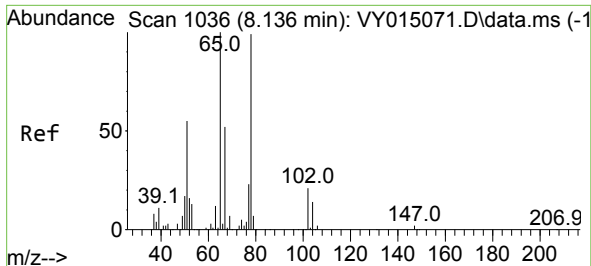
Tgt Ion: 56 Resp: 96818
Ion Ratio Lower Upper
56 100
69 37.2 27.8 41.6
84 94.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.172 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 97 Resp: 147546
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.751 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

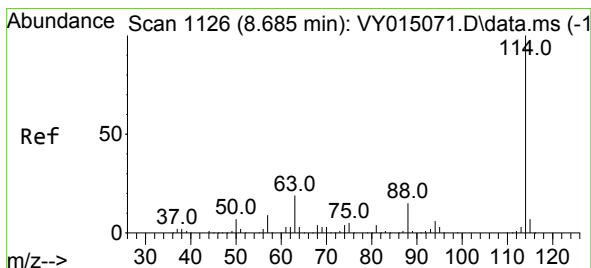
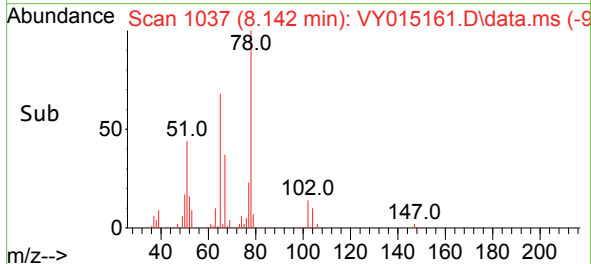
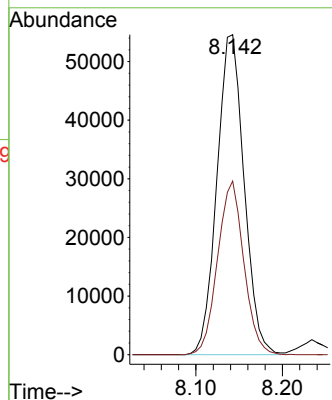
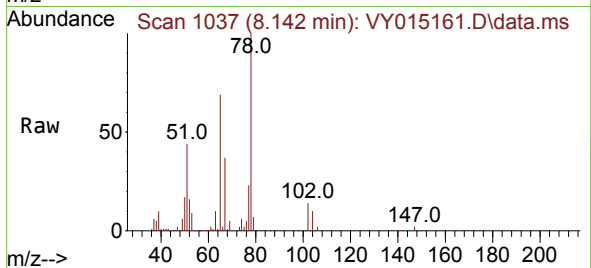
ClientSampleId :

Tgt Ion: 65 Resp: 119046

Ion Ratio Lower Upper

65 100

67 52.3 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: VY015161.D

Acq: 17 Aug 2023 09:56

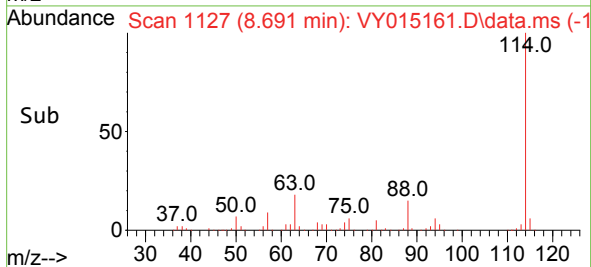
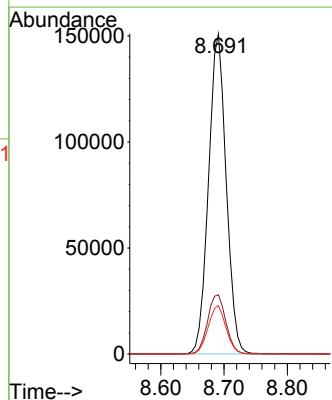
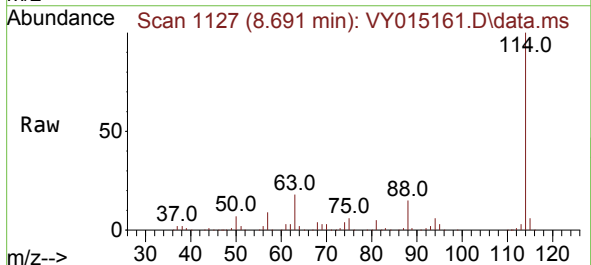
Tgt Ion: 114 Resp: 293004

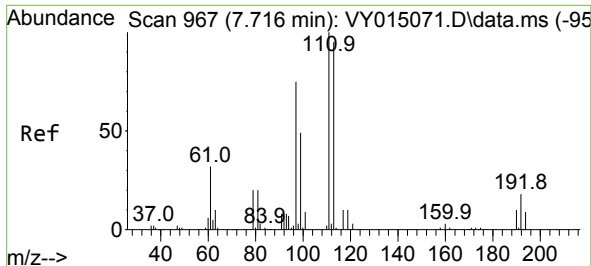
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.1 0.0 30.6

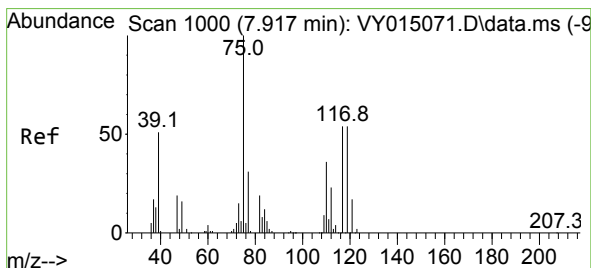
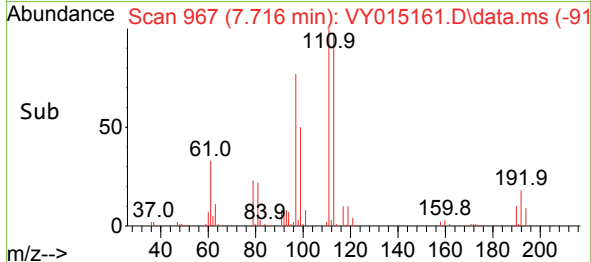
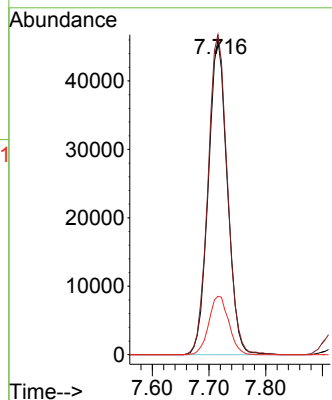
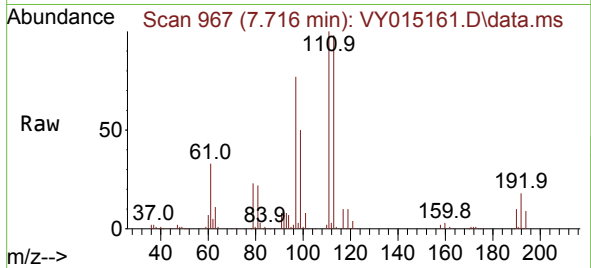




#35
Dibromofluoromethane
Concen: 57.013 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

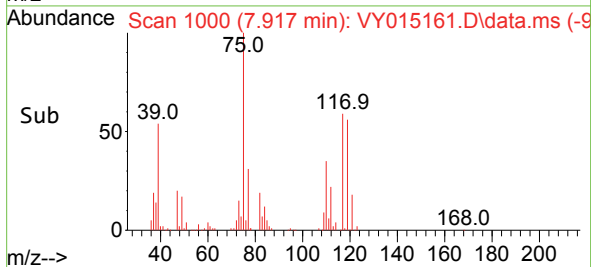
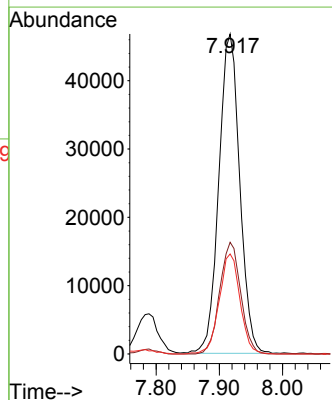
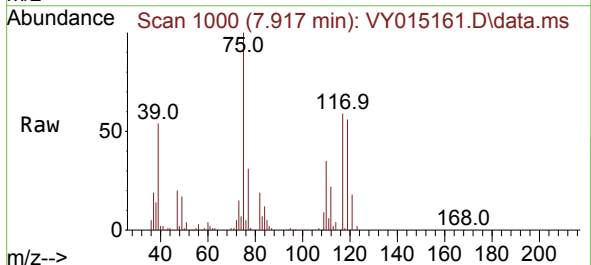
Instrument :
MSVOA_Y
ClientSampleId :

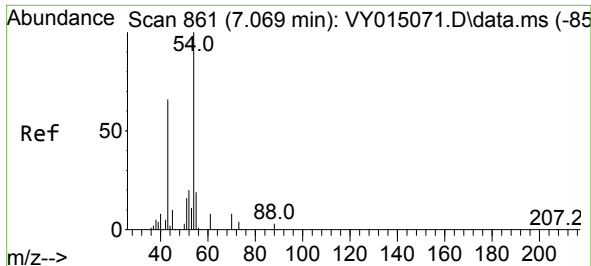
Tgt Ion:113 Resp: 107470
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.373 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 75 Resp: 107133
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 31.1 24.4 36.6

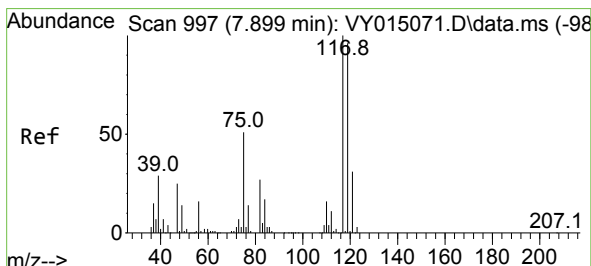
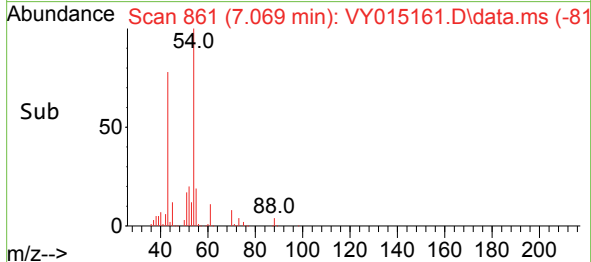
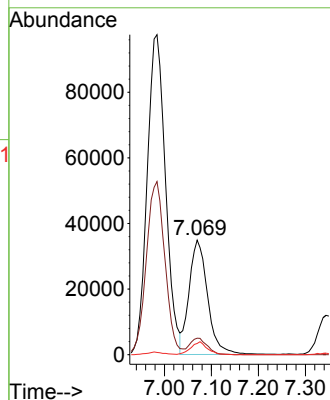
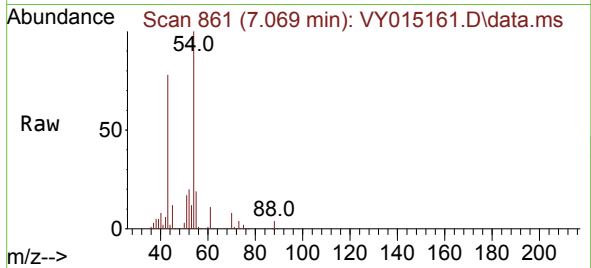




#37
Ethyl Acetate
Concen: 49.065 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

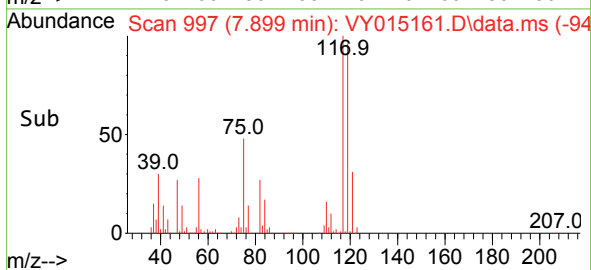
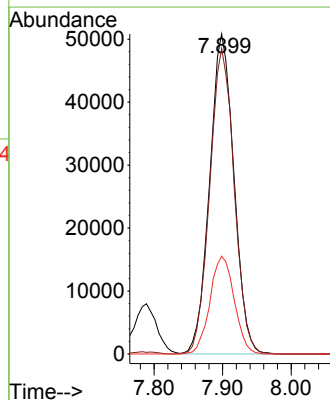
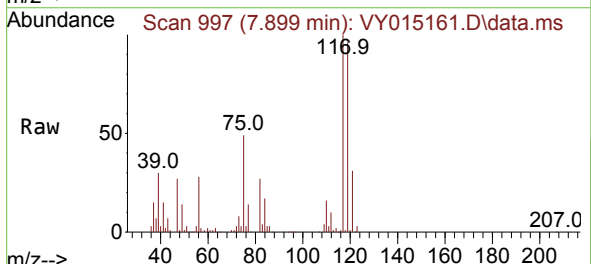
Instrument :
MSVOA_Y
ClientSampleId :

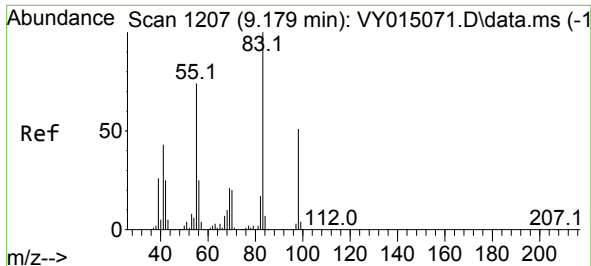
Tgt Ion: 43 Resp: 95375
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.685 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 117 Resp: 125094
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 48.431 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

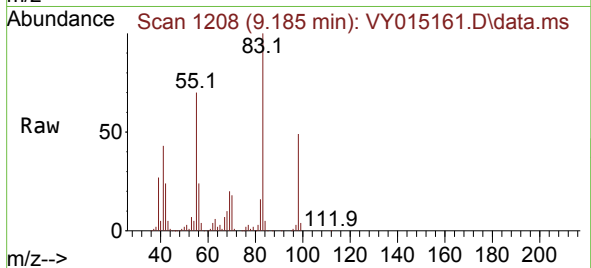
Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :



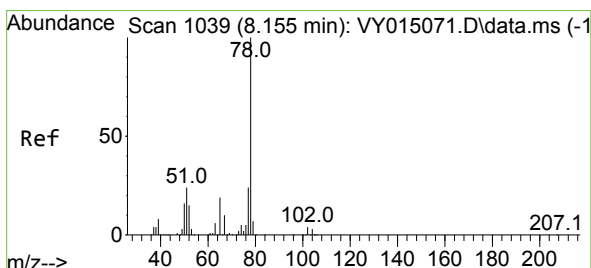
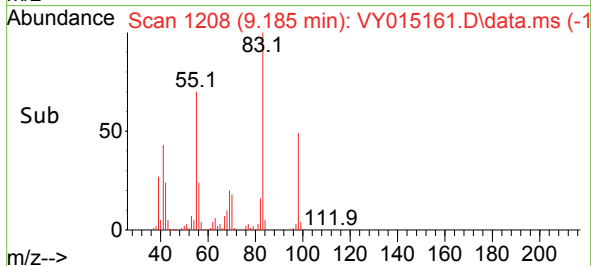
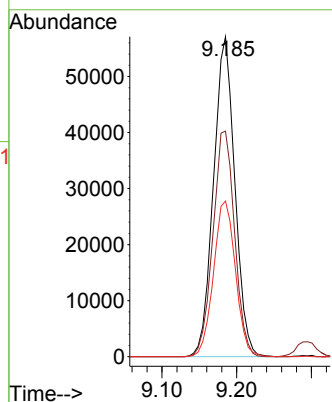
Tgt Ion: 83 Resp: 113223

Ion Ratio Lower Upper

83 100

55 70.5 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 53.091 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015161.D

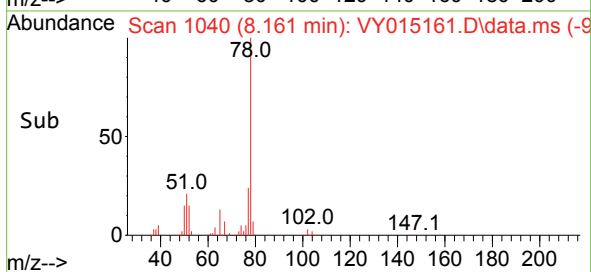
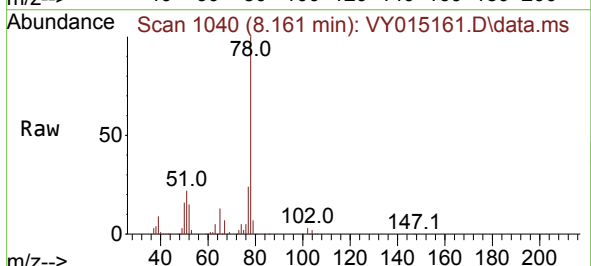
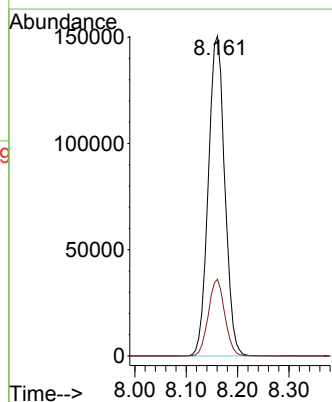
Acq: 17 Aug 2023 09:56

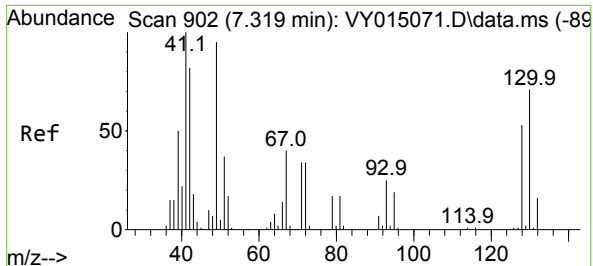
Tgt Ion: 78 Resp: 334735

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

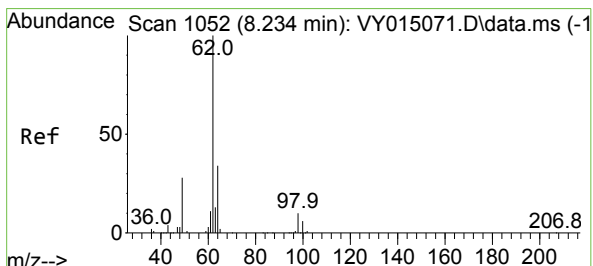
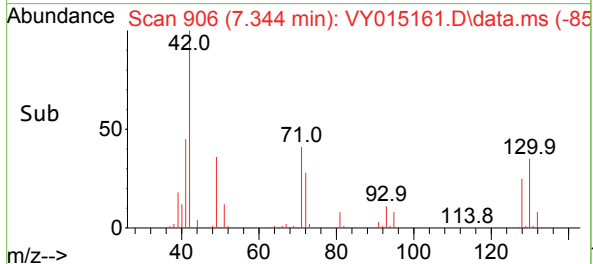
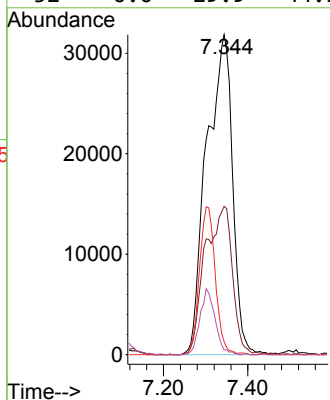
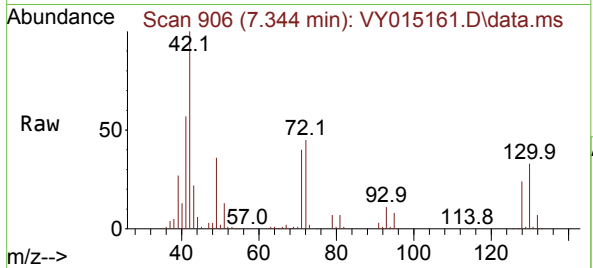




#41
Methacrylonitrile
Concen: 135.230 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

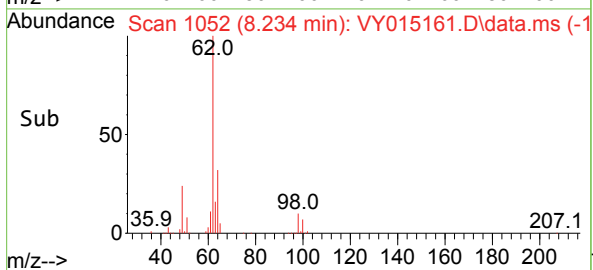
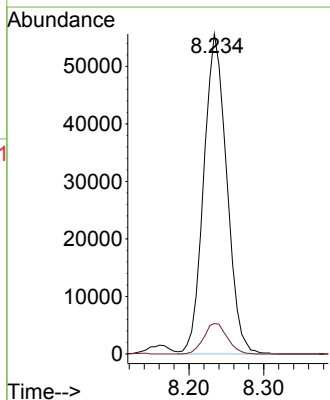
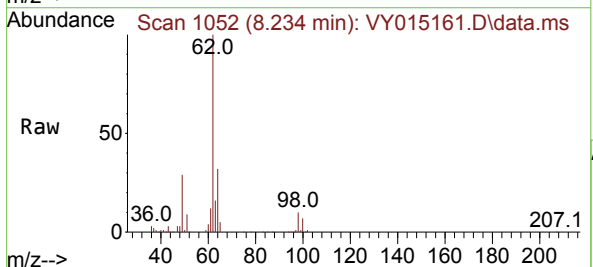
Instrument :
MSVOA_Y
ClientSampleId :

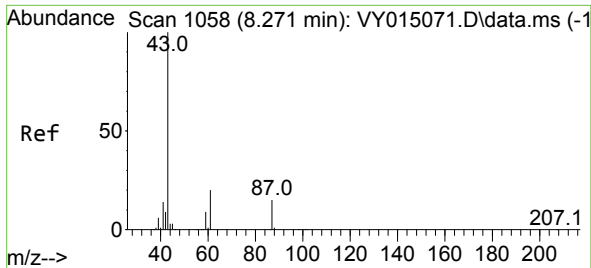
Tgt Ion: 41 Resp: 135547
Ion Ratio Lower Upper
41 100
39 48.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.951 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

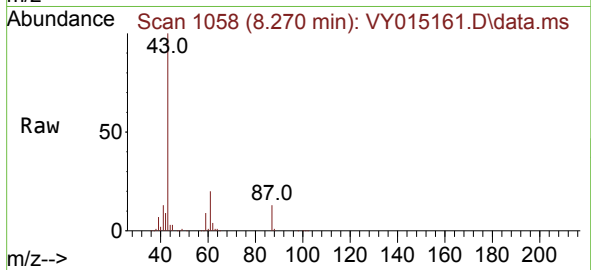
Tgt Ion: 62 Resp: 118958
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



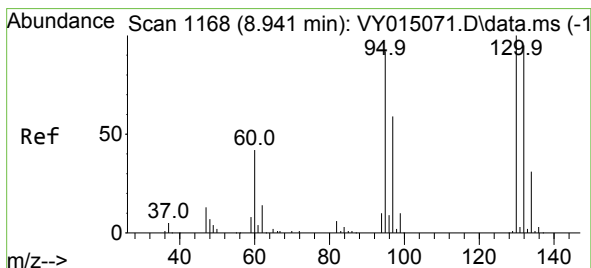
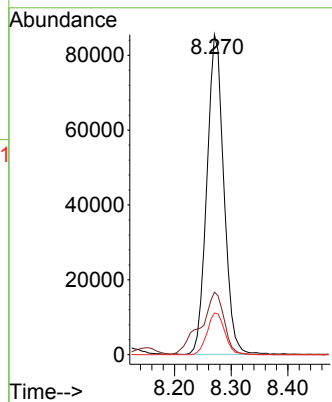
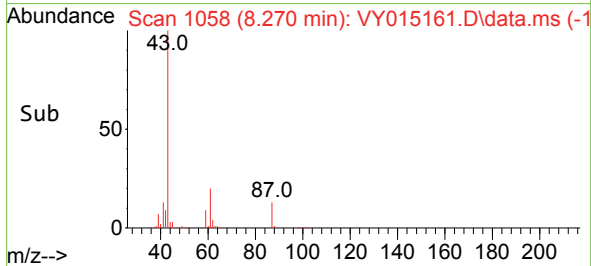


#43
Isopropyl Acetate
Concen: 50.023 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :

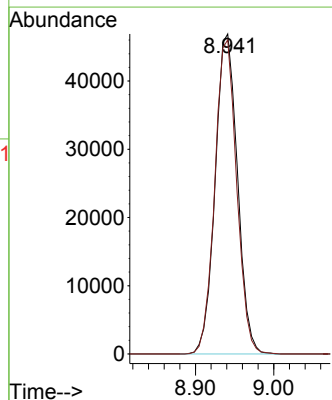
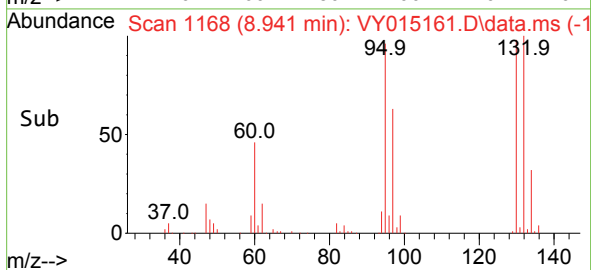
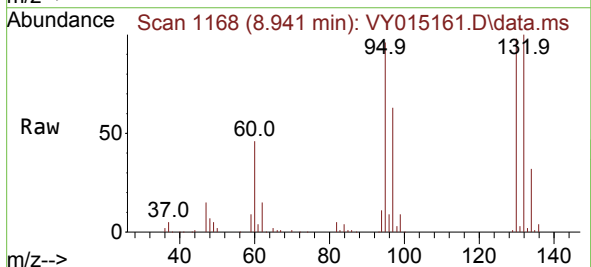


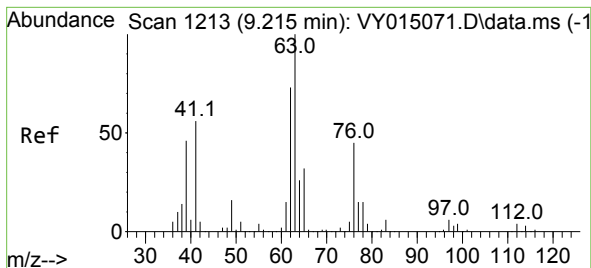
Tgt Ion: 43 Resp: 177074
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 50.989 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion:130 Resp: 92618
Ion Ratio Lower Upper
130 100
95 98.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.103 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

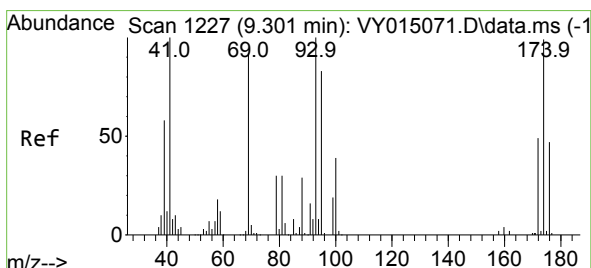
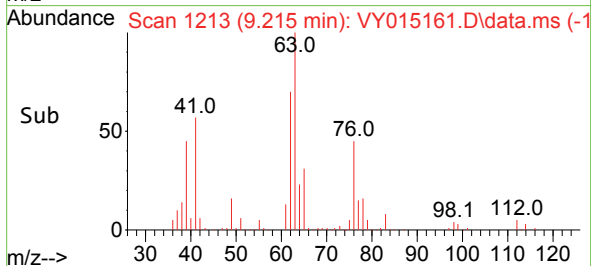
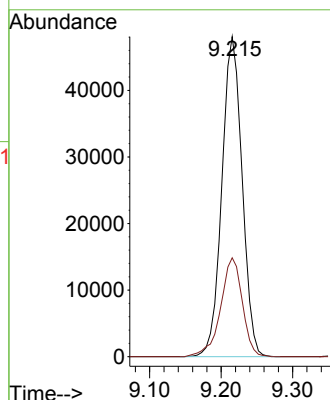
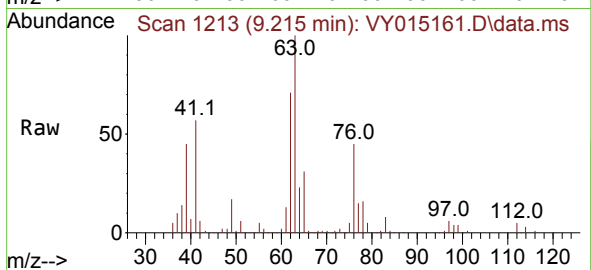
ClientSampleId :

Tgt Ion: 63 Resp: 94412

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 52.784 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

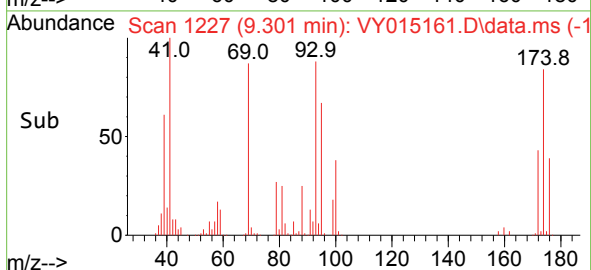
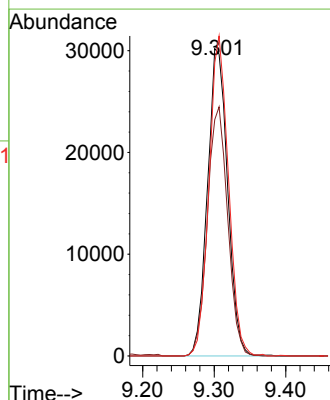
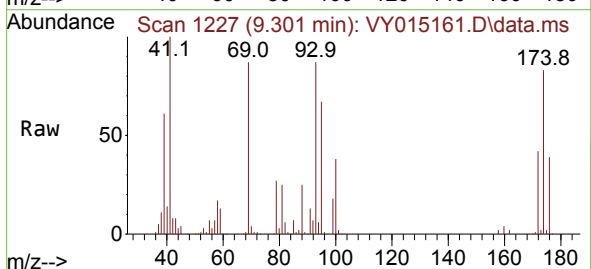
Tgt Ion: 93 Resp: 59188

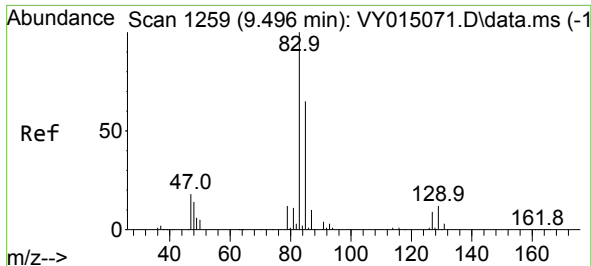
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 100.5 84.8 127.2





#47

Bromodichloromethane

Concen: 53.629 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

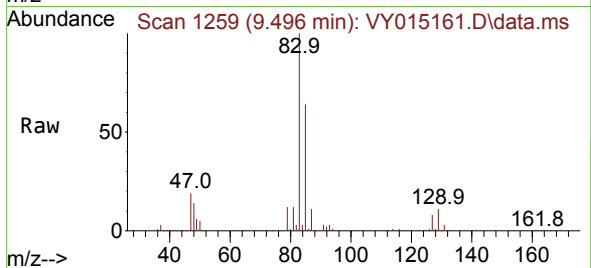
Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :



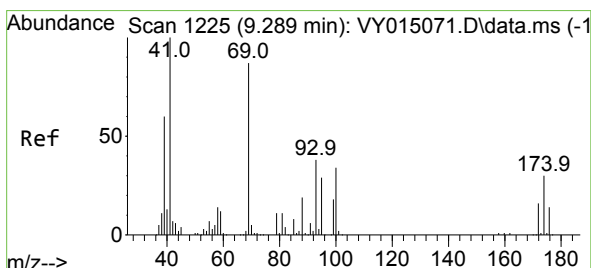
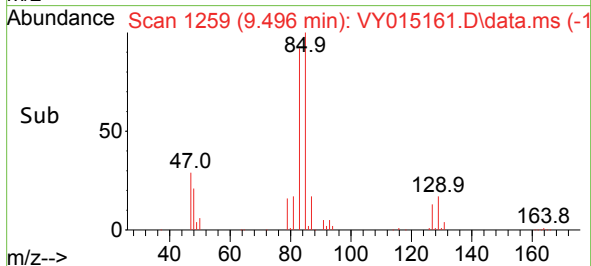
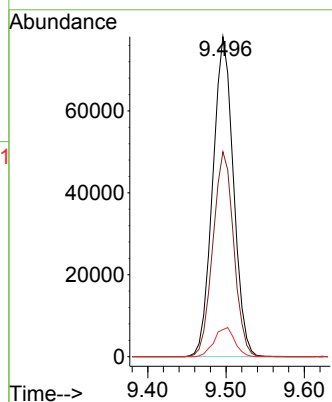
Tgt Ion: 83 Resp: 143500

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 52.981 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

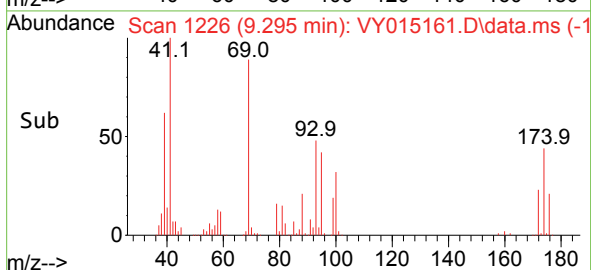
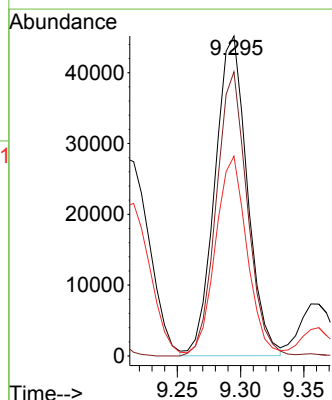
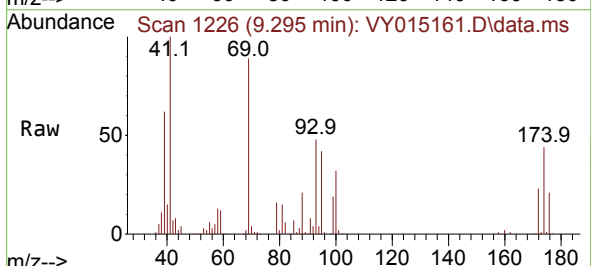
Tgt Ion: 41 Resp: 80228

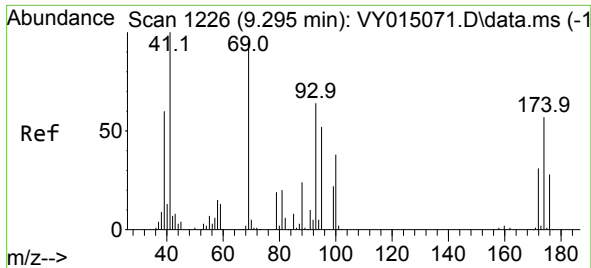
Ion Ratio Lower Upper

41 100

69 85.3 64.5 96.7

39 61.0 50.8 76.2

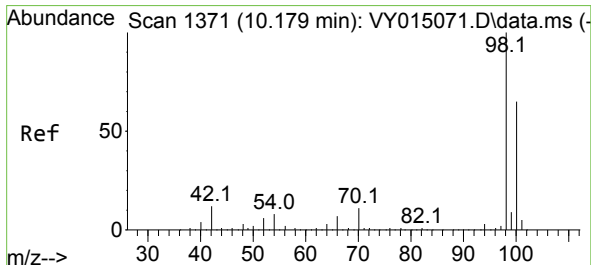
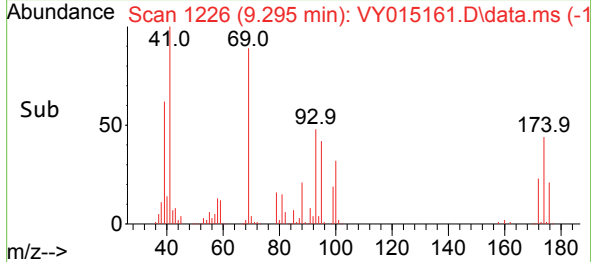
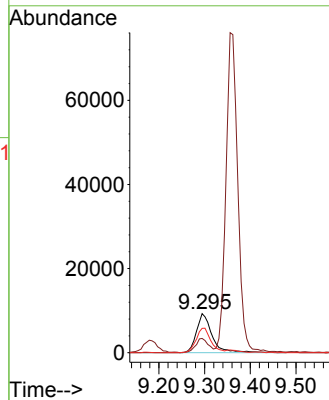
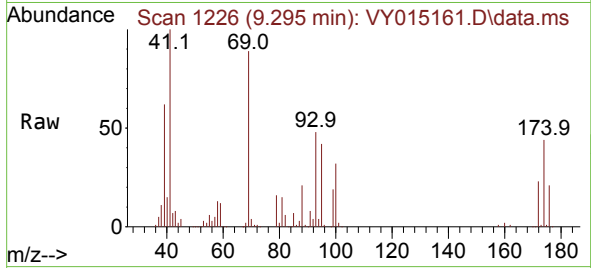




#49
1,4-Dioxane
Concen: 982.264 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

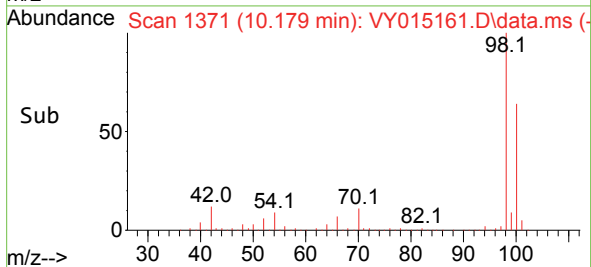
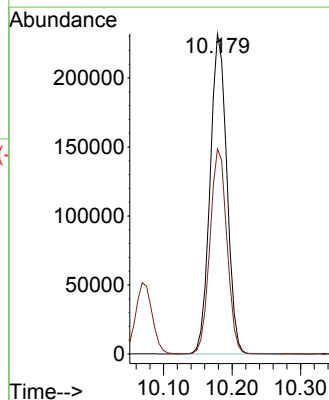
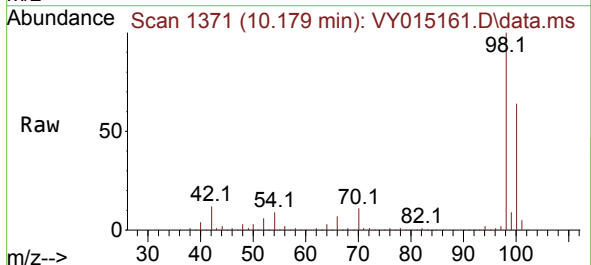
Instrument :
MSVOA_Y
ClientSampleId :

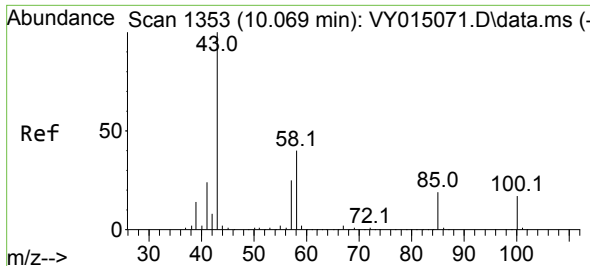
Tgt Ion: 88 Resp: 22025
Ion Ratio Lower Upper
88 100
43 30.0 0.0 0.0#
58 59.2 30.9 46.3#



#50
Toluene-d8
Concen: 56.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 98 Resp: 393971
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

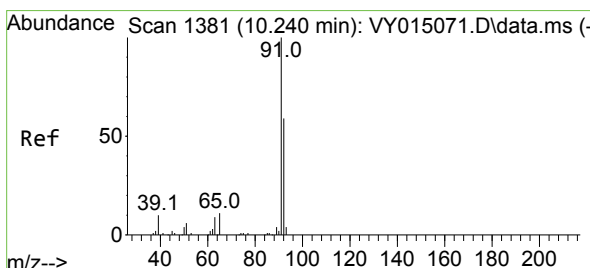
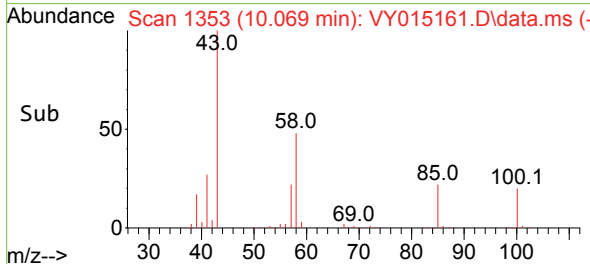
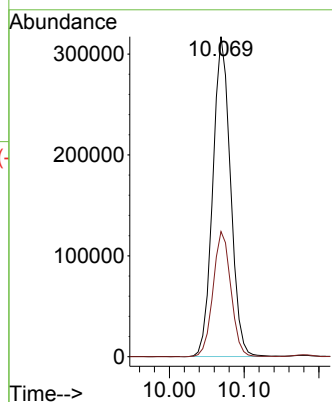
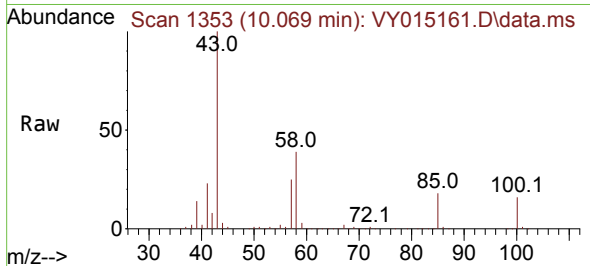




#51
4-Methyl-2-Pentanone
Concen: 254.772 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

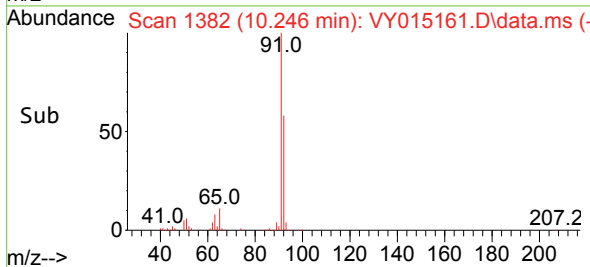
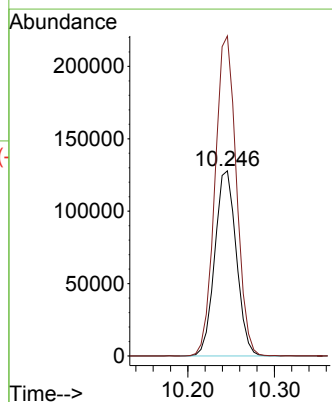
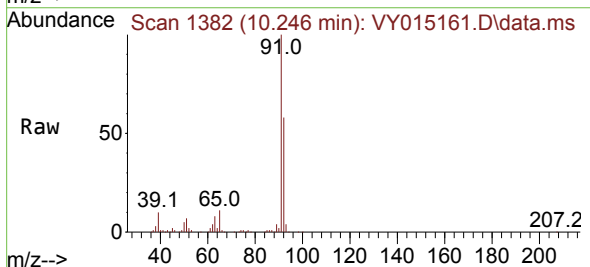
Instrument :
MSVOA_Y
ClientSampleId :

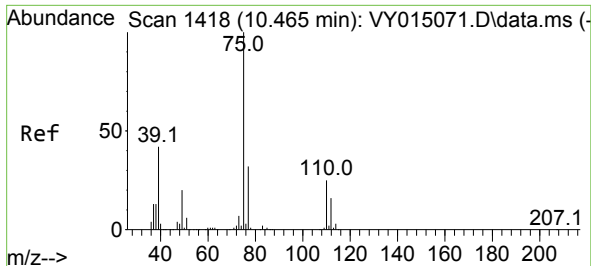
Tgt Ion: 43 Resp: 522680
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 53.090 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 92 Resp: 220623
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

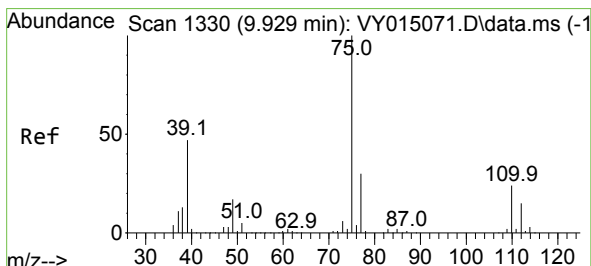
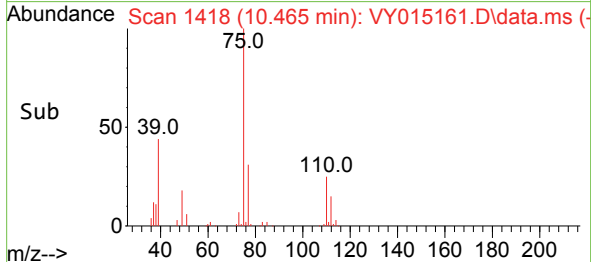
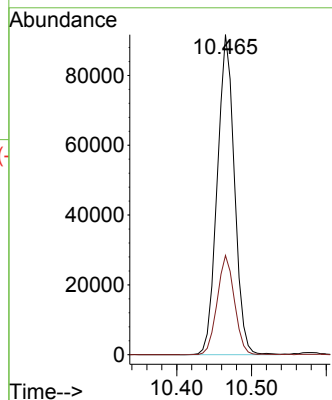
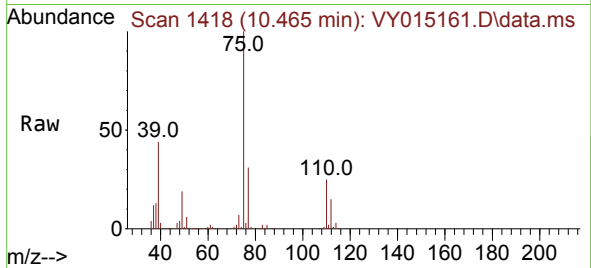




#53
t-1,3-Dichloropropene
Concen: 52.048 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

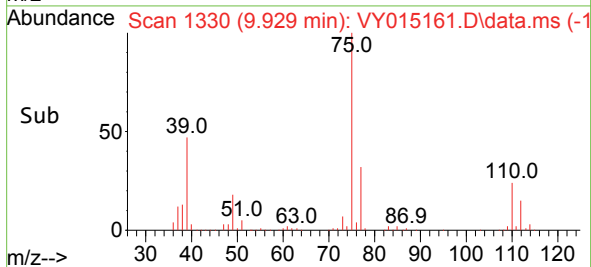
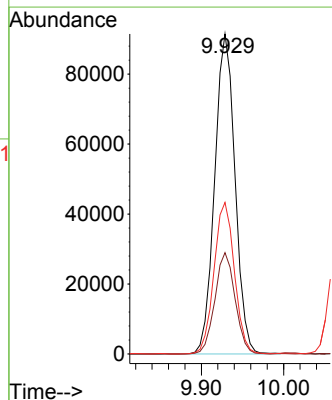
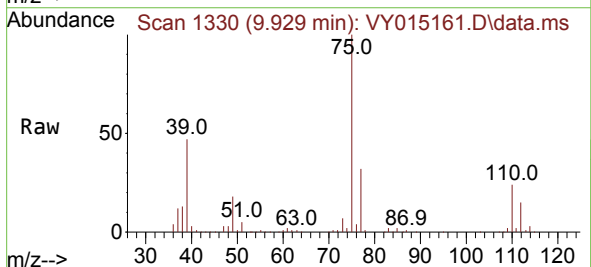
Instrument :
MSVOA_Y
ClientSampleId :

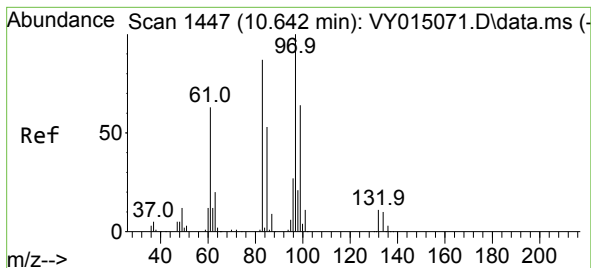
Tgt Ion: 75 Resp: 146362
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 53.064 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 75 Resp: 157153
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 47.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 52.332 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 89225

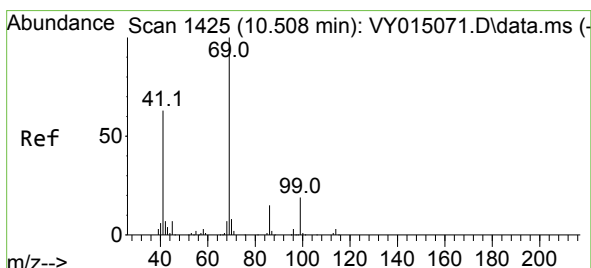
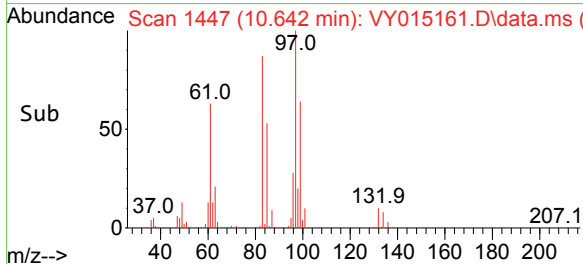
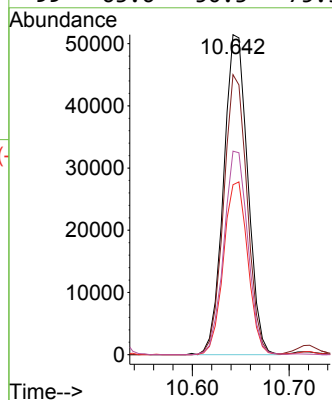
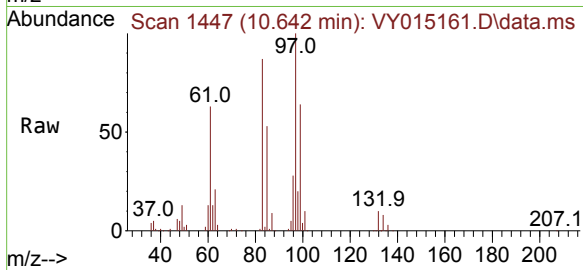
Ion Ratio Lower Upper

97 100

83 87.5 72.0 108.0

85 53.1 45.4 68.0

99 63.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.127 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

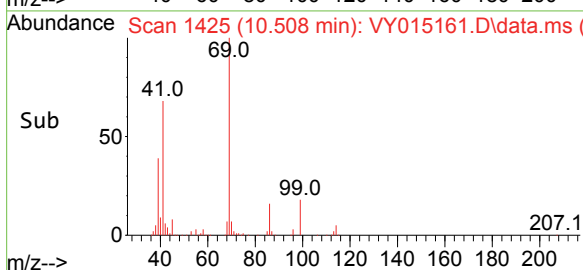
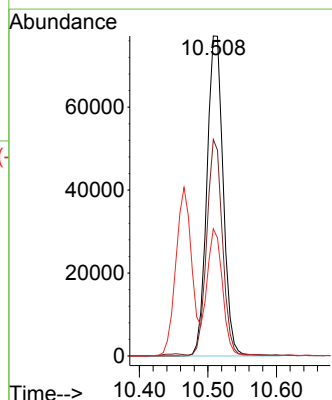
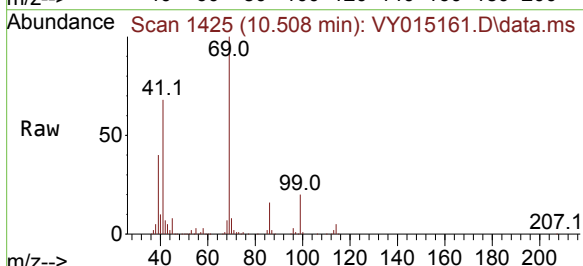
Tgt Ion: 69 Resp: 127574

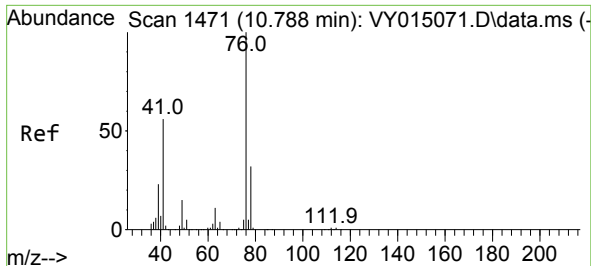
Ion Ratio Lower Upper

69 100

41 64.5 57.6 86.4

39 36.4 34.1 51.1

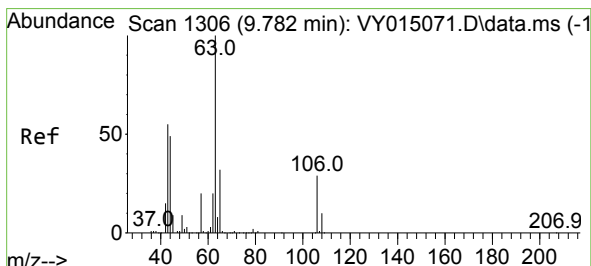
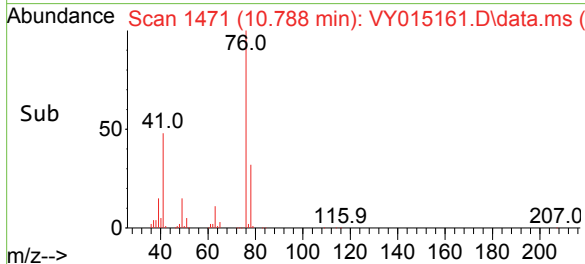
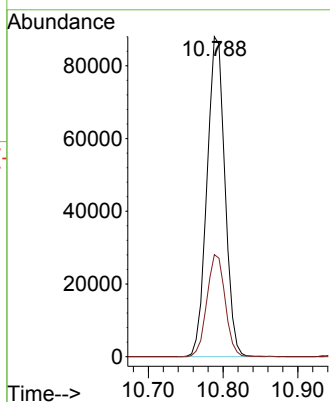
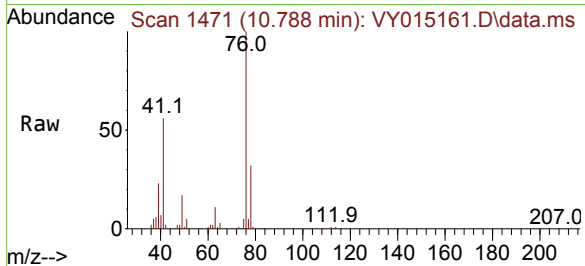




#57
1,3-Dichloropropane
Concen: 52.694 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

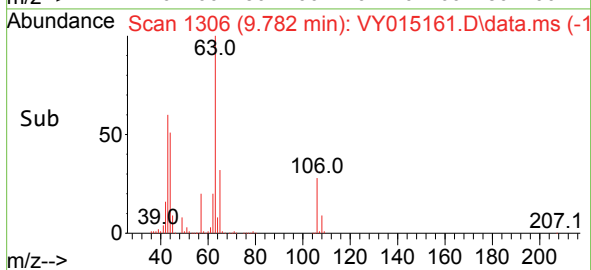
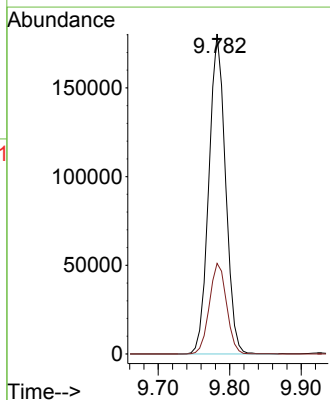
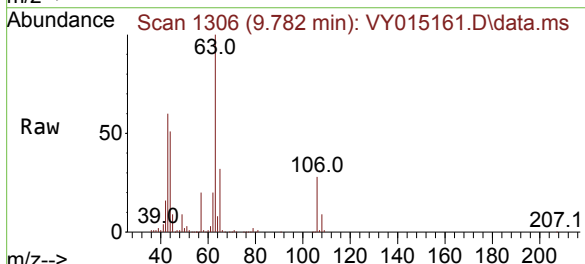
Instrument :
MSVOA_Y
ClientSampleId :

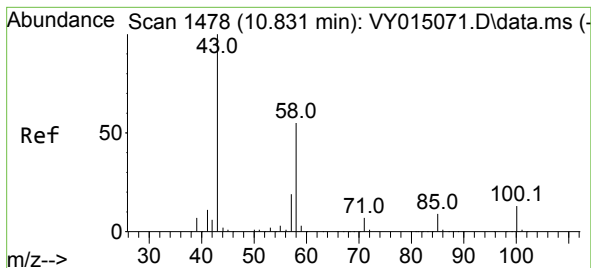
Tgt Ion: 76 Resp: 146783
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 250.966 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 63 Resp: 291429
Ion Ratio Lower Upper
63 100
106 29.2 21.2 31.8

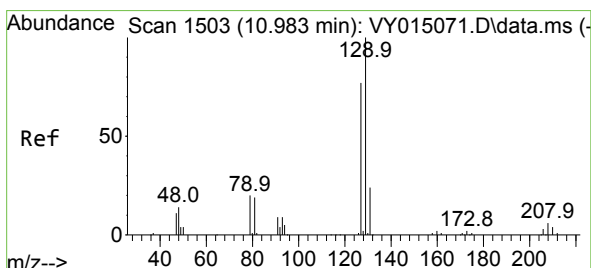
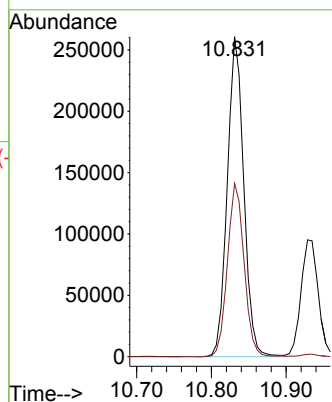
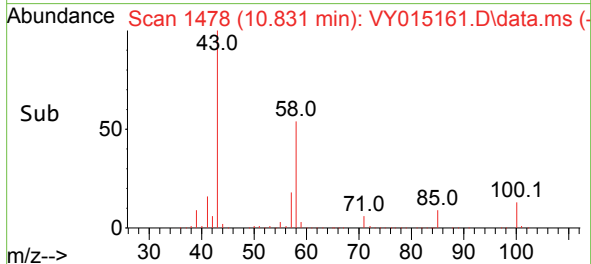
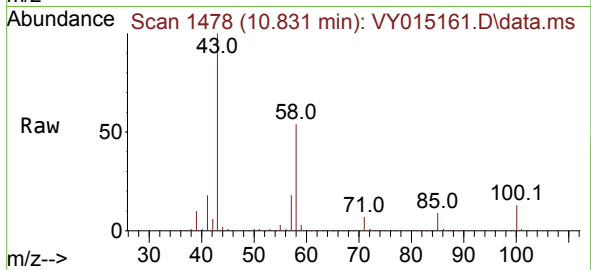




#59
2-Hexanone
Concen: 263.176 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

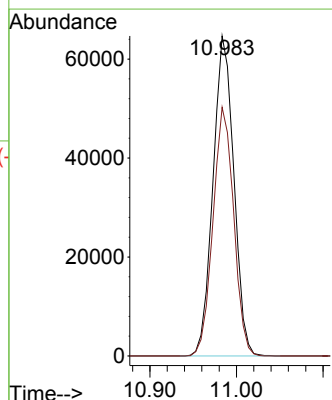
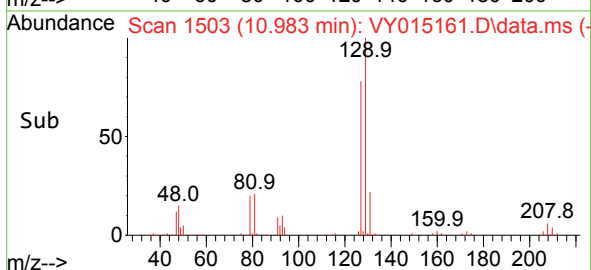
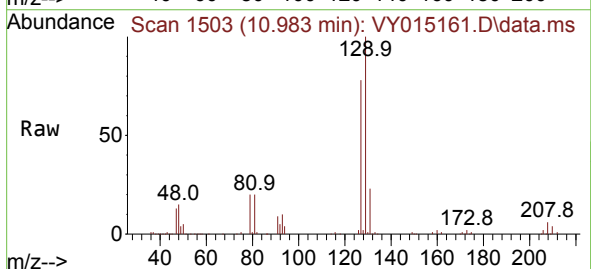
Instrument :
MSVOA_Y
ClientSampleId :

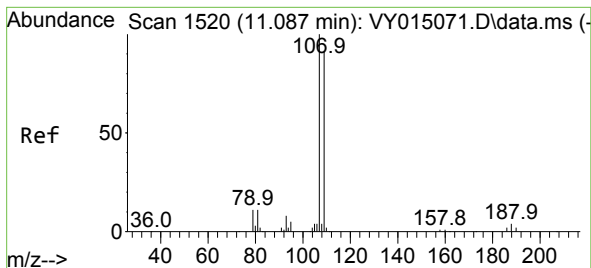
Tgt Ion: 43 Resp: 399600
Ion Ratio Lower Upper
43 100
58 54.9 25.1 75.3



#60
Dibromochloromethane
Concen: 53.134 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 129 Resp: 108066
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

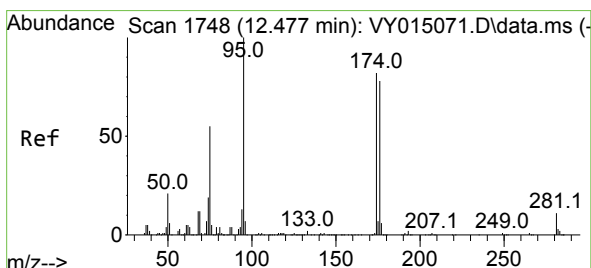
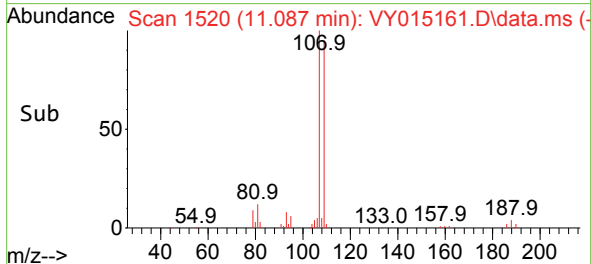
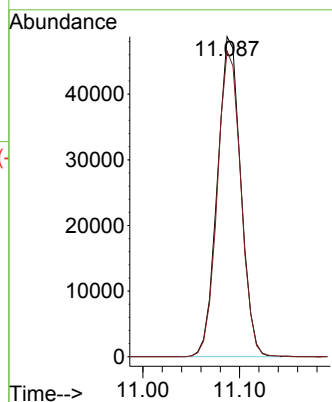
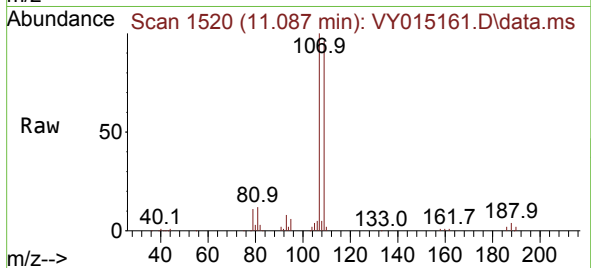




#61
1,2-Dibromoethane
Concen: 50.427 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

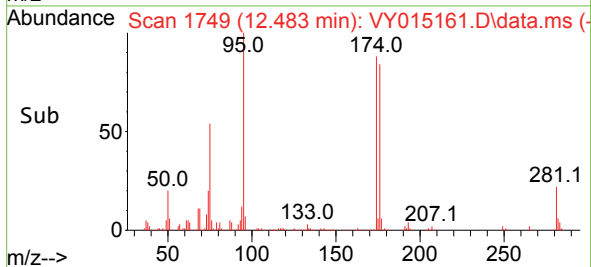
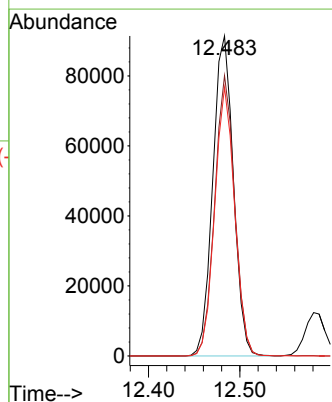
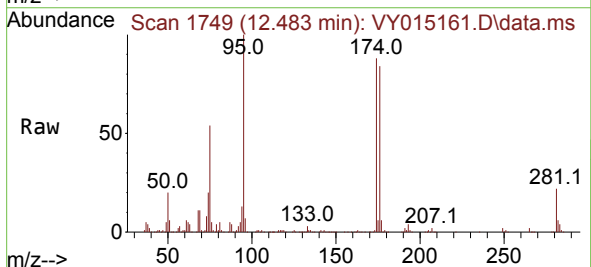
Instrument :
MSVOA_Y
ClientSampleId :

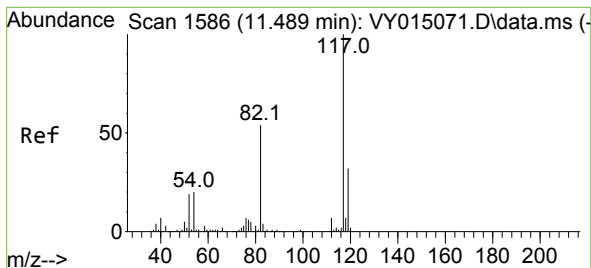
Tgt Ion:107 Resp: 81677
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.724 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

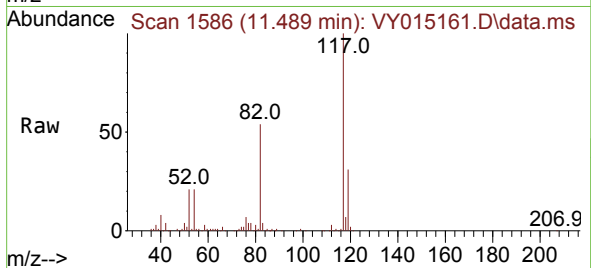
Tgt Ion: 95 Resp: 142818
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 81.6 0.0 173.8



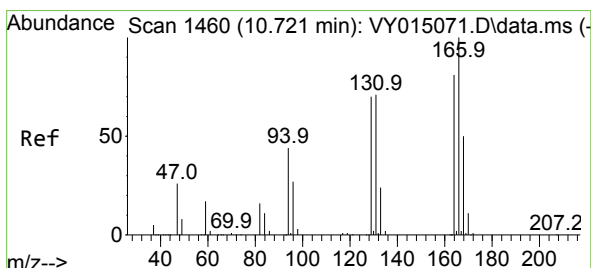
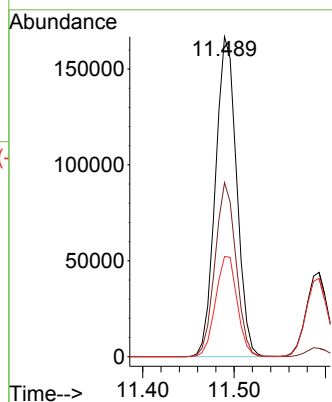
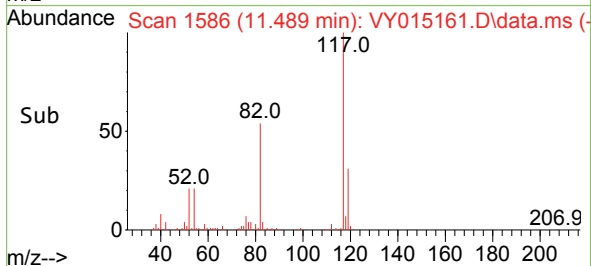


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :

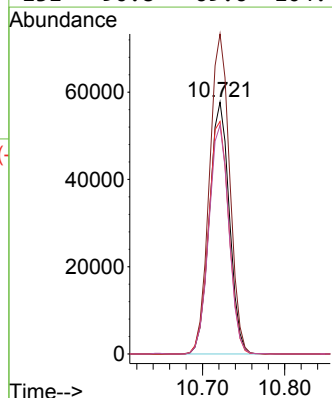
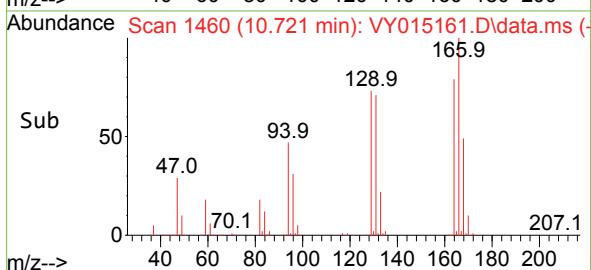
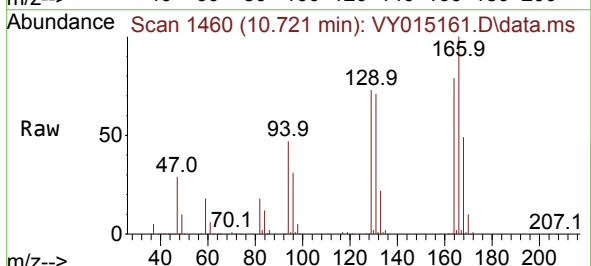


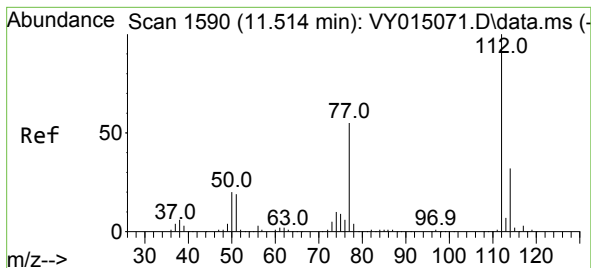
Tgt Ion:117 Resp: 268853
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 51.911 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion:164 Resp: 97234
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 92.3 77.2 115.8
131 90.8 69.6 104.4





#65

Chlorobenzene

Concen: 52.546 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

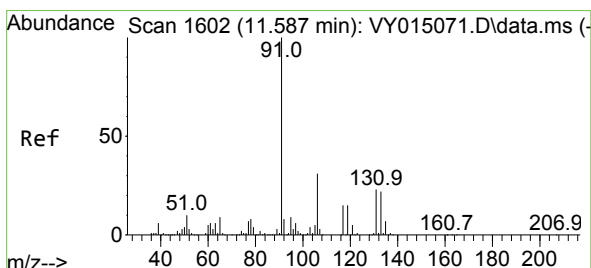
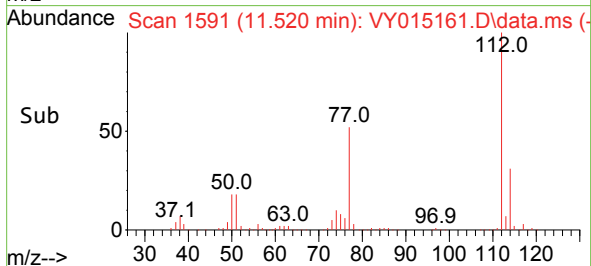
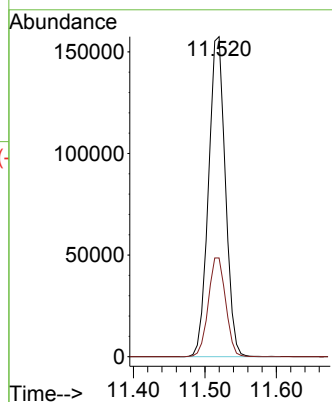
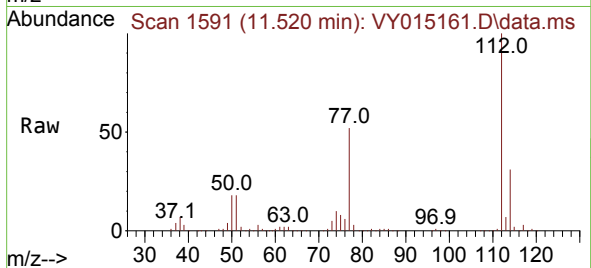
ClientSampleId :

Tgt Ion:112 Resp: 257402

Ion Ratio Lower Upper

112 100

114 30.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.133 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

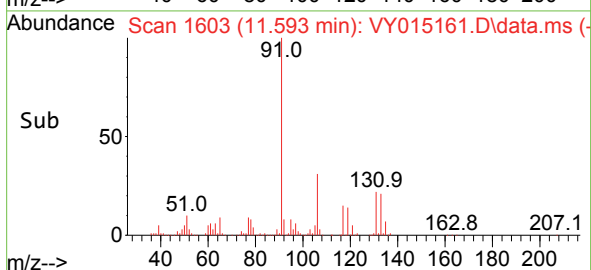
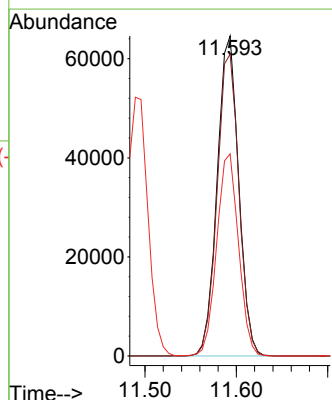
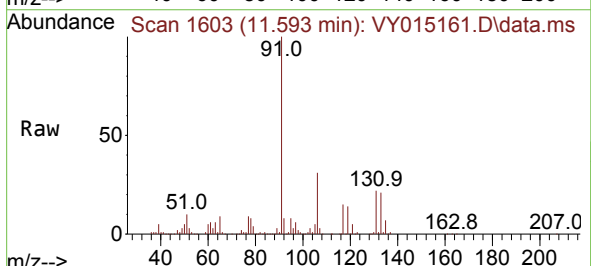
Tgt Ion:131 Resp: 105607

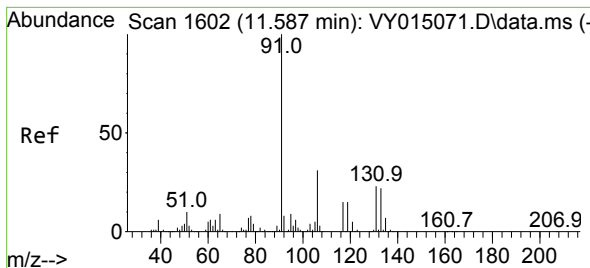
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 64.1 31.6 94.7





#67

Ethyl Benzene

Concen: 51.605 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

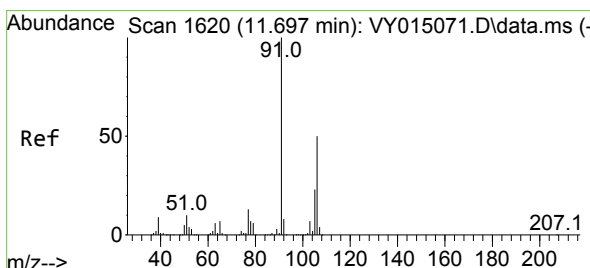
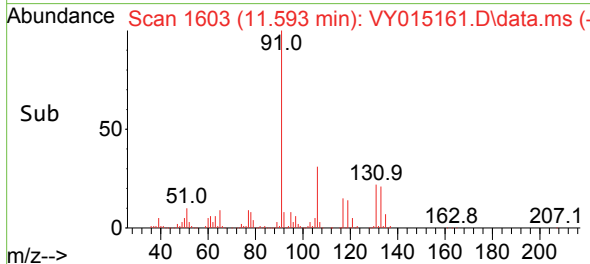
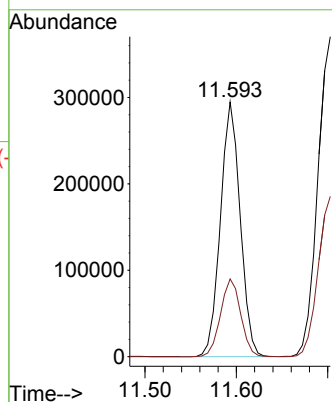
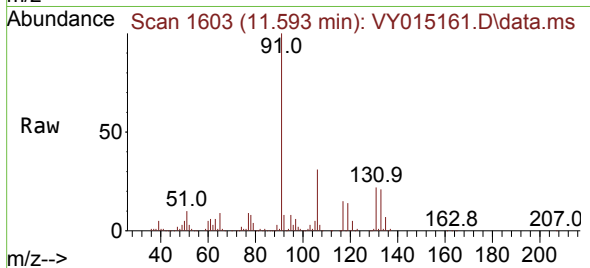
ClientSampleId :

Tgt Ion: 91 Resp: 442913

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 103.475 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015161.D

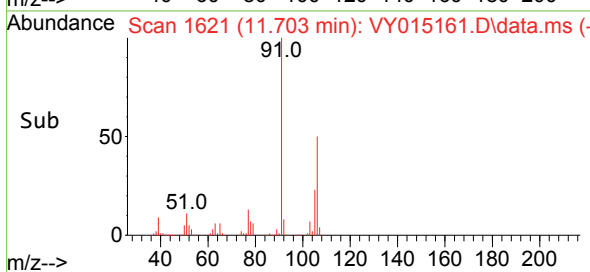
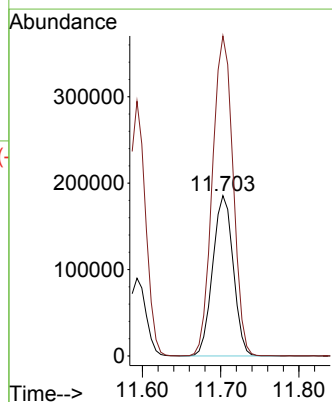
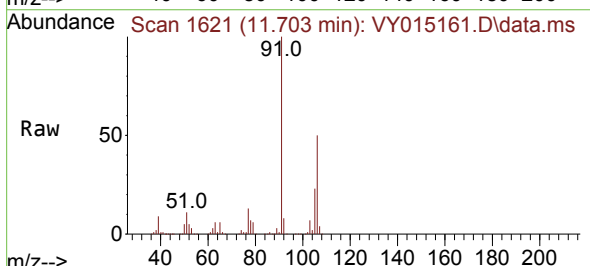
Acq: 17 Aug 2023 09:56

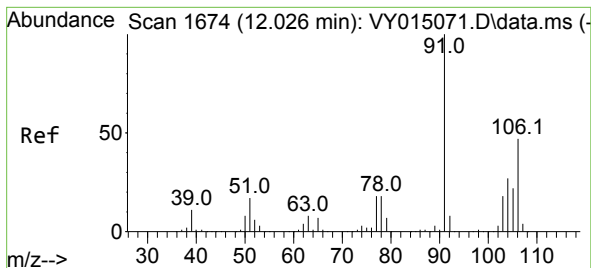
Tgt Ion:106 Resp: 337300

Ion Ratio Lower Upper

106 100

91 201.4 166.1 249.1





#69

o-Xylene

Concen: 51.869 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

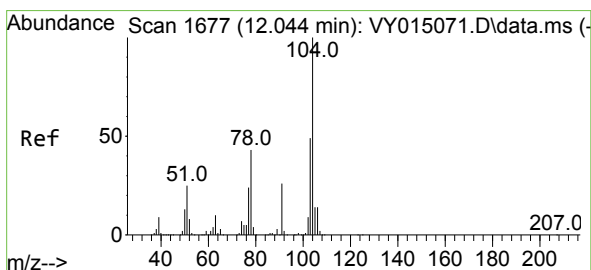
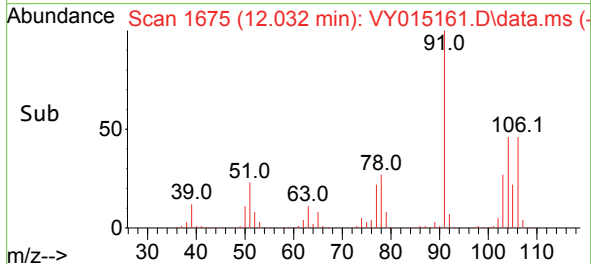
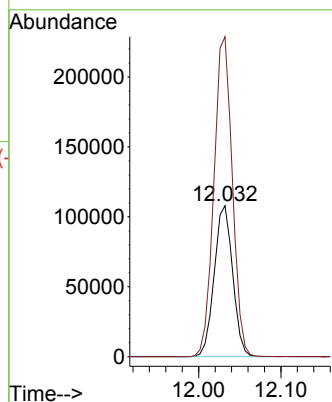
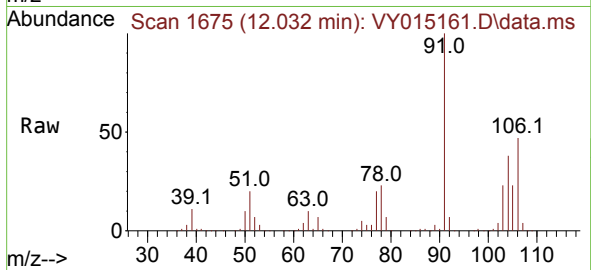
ClientSampleId :

Tgt Ion:106 Resp: 168433

Ion Ratio Lower Upper

106 100

91 212.3 108.1 324.3



#70

Styrene

Concen: 53.046 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

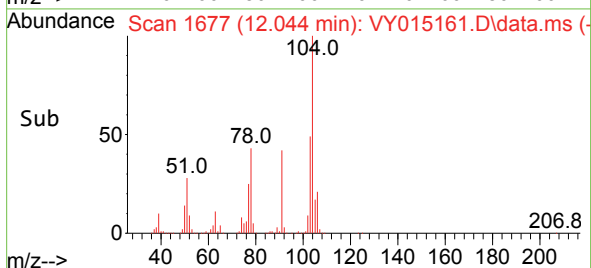
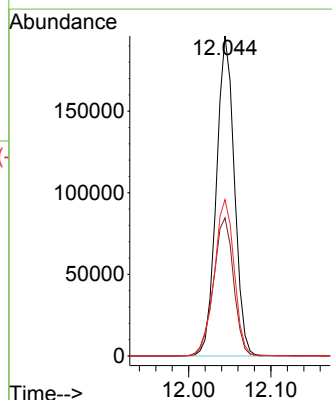
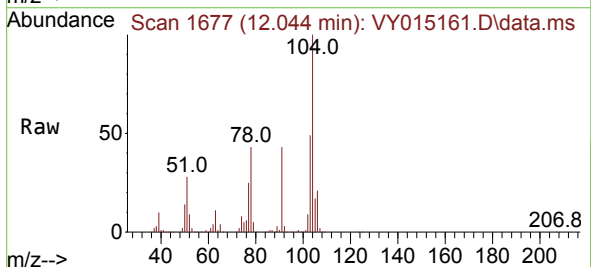
Tgt Ion:104 Resp: 298133

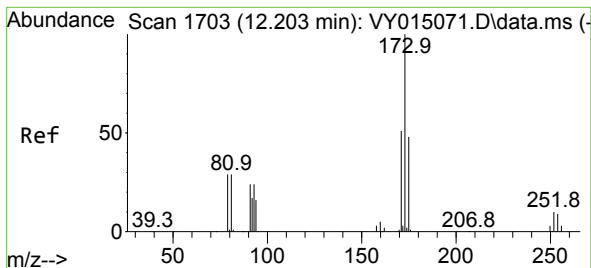
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 54.0 44.6 67.0





#71

Bromoform

Concen: 51.525 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015161.D

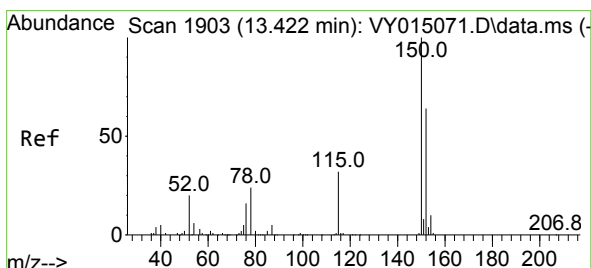
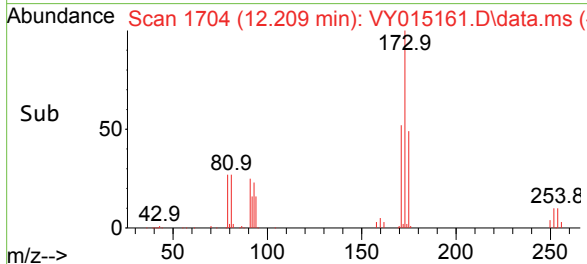
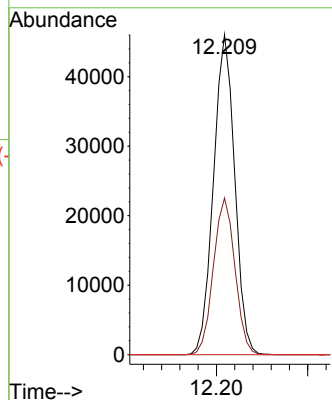
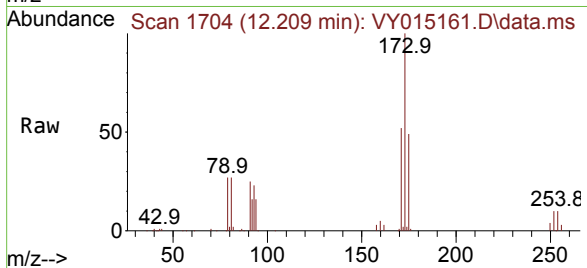
Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	74239
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

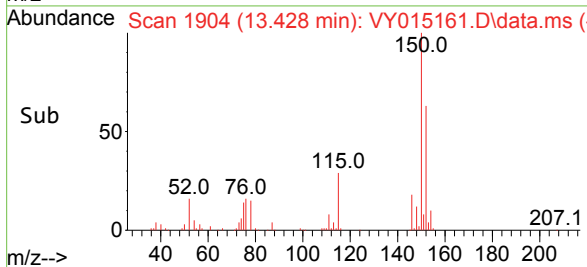
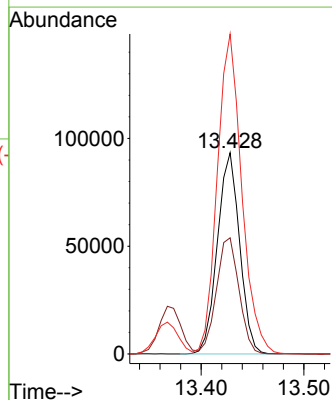
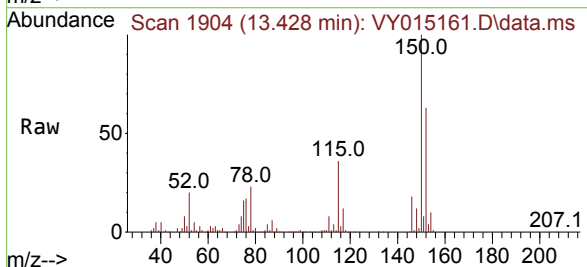
RT: 13.428 min Scan# 1904

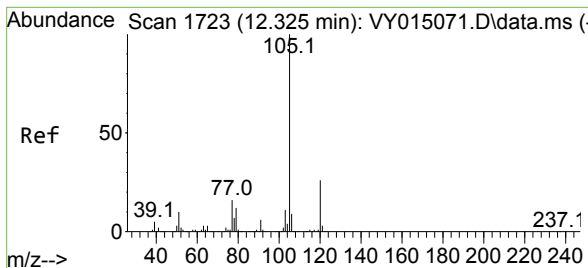
Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Tgt Ion:152	Resp:	140269
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.8 86.5
150	174.7	0.0 348.8





#73

Isopropylbenzene

Concen: 50.319 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

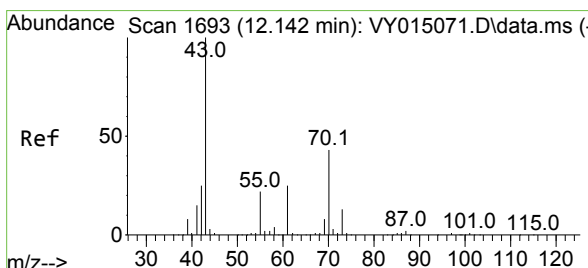
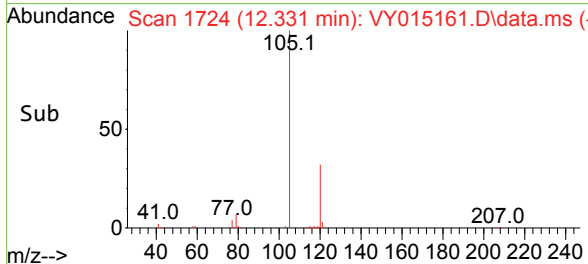
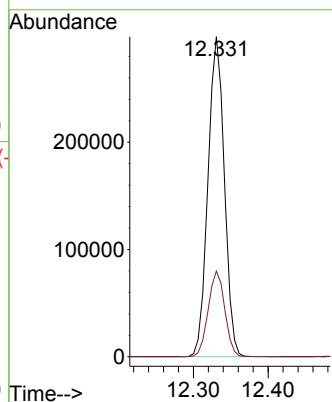
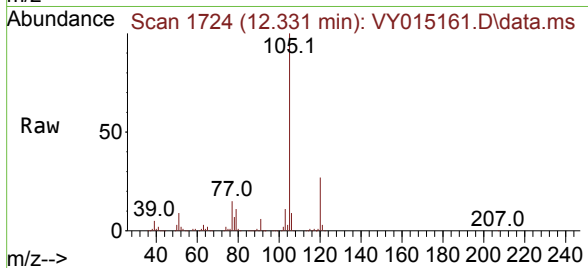
ClientSampleId :

Tgt Ion:105 Resp: 453869

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 50.399 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Tgt Ion: 43 Resp: 164127

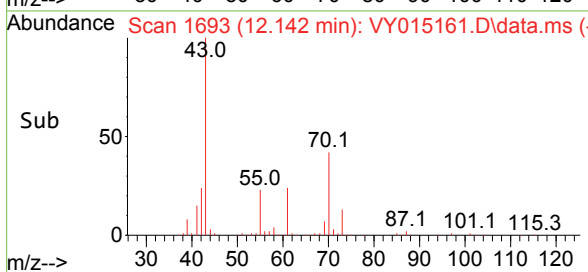
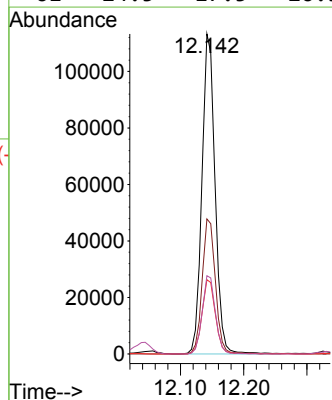
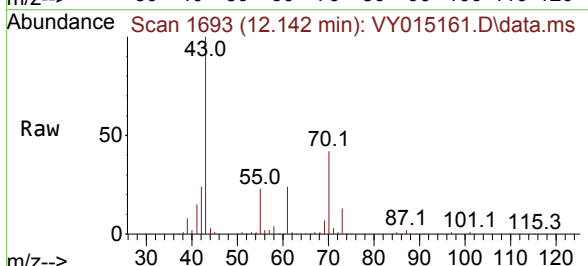
Ion Ratio Lower Upper

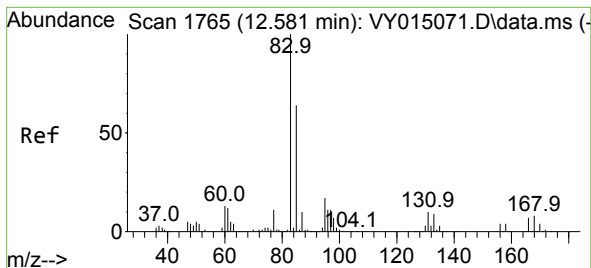
43 100

70 42.3 29.7 44.5

55 23.7 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.513 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

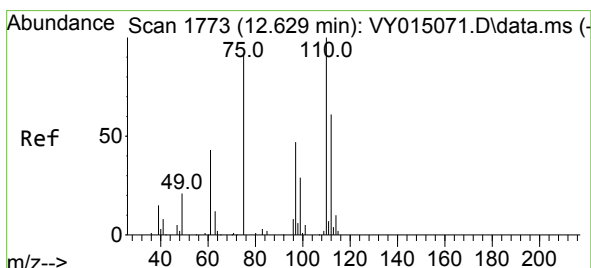
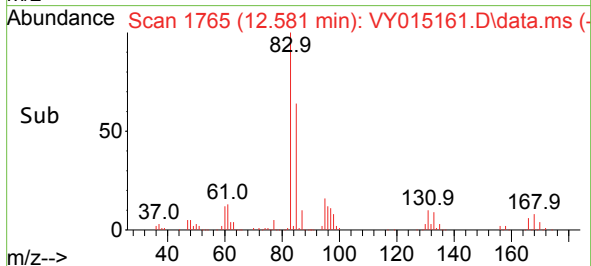
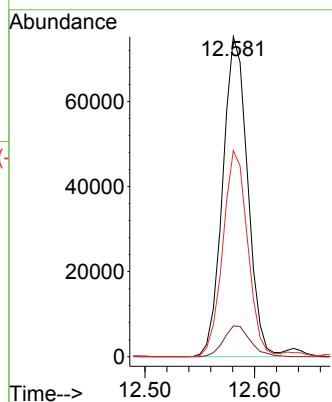
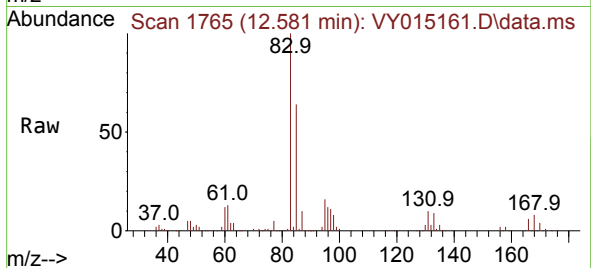
Tgt Ion: 83 Resp: 118663

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.963 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015161.D

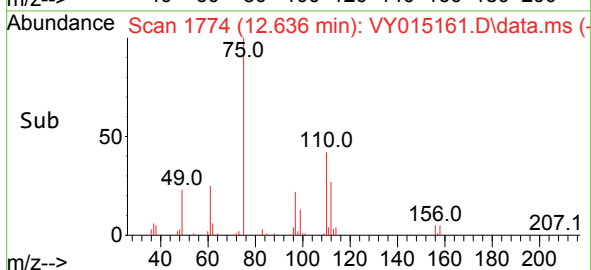
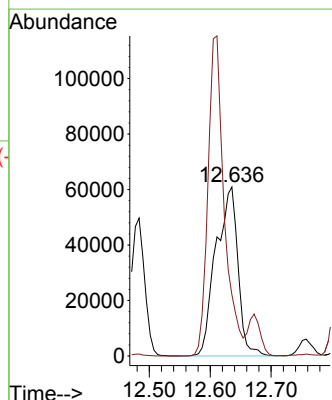
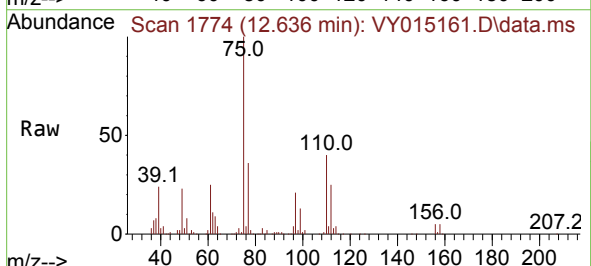
Acq: 17 Aug 2023 09:56

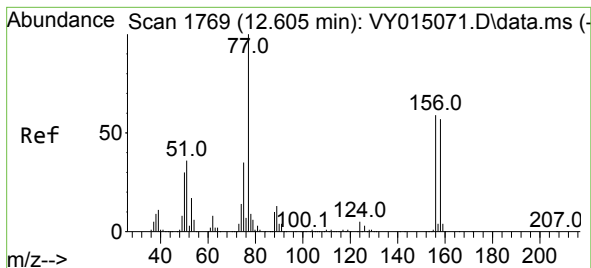
Tgt Ion: 75 Resp: 153311

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.117 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

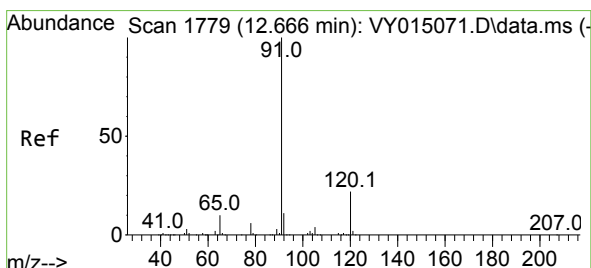
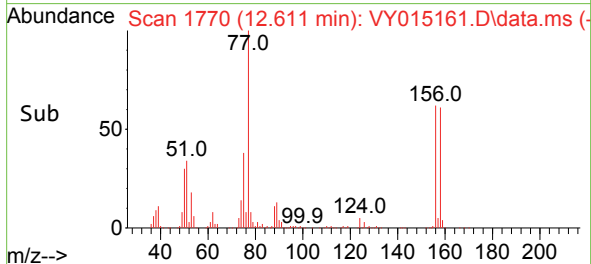
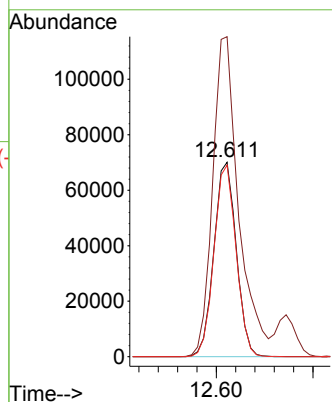
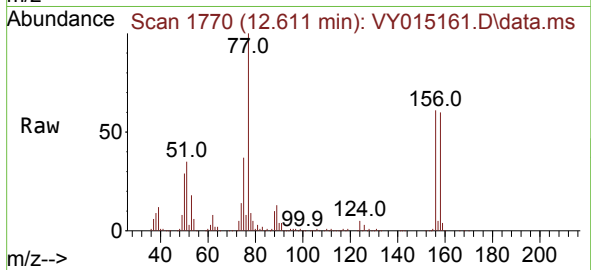
Tgt Ion:156 Resp: 112386

Ion Ratio Lower Upper

156 100

77 190.8 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 51.312 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015161.D

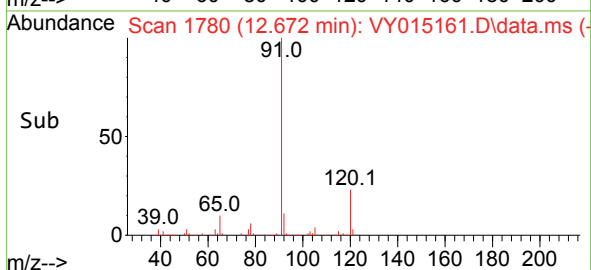
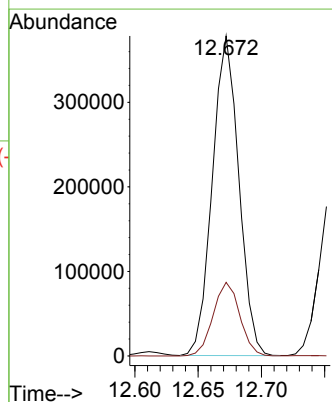
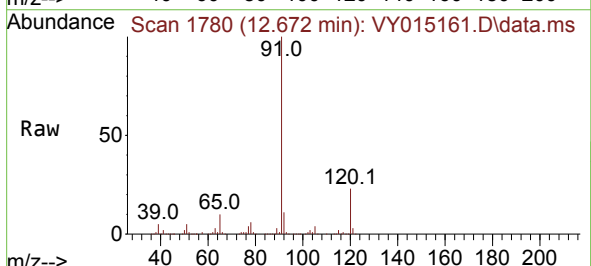
Acq: 17 Aug 2023 09:56

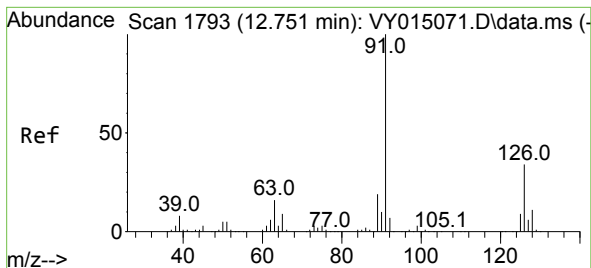
Tgt Ion: 91 Resp: 549596

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.182 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

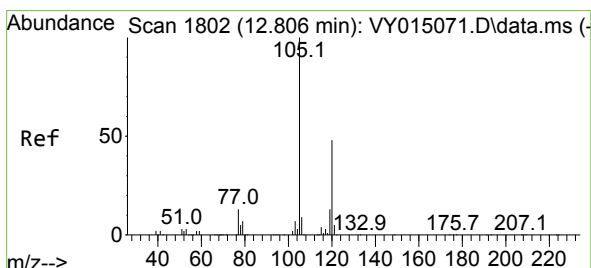
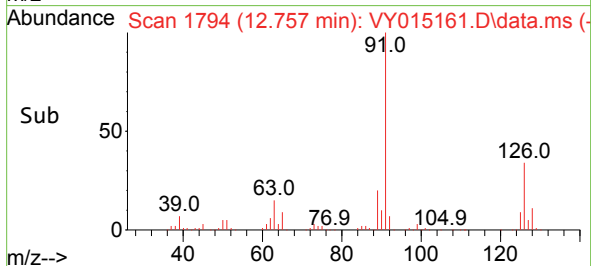
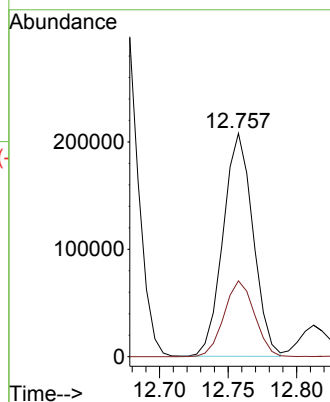
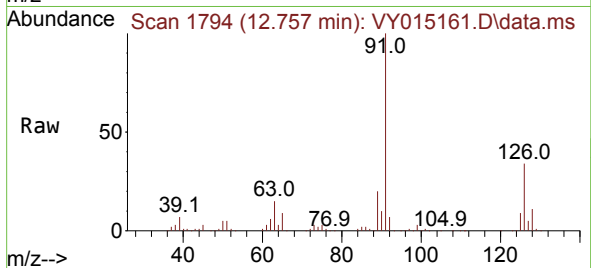
ClientSampleId :

Tgt Ion: 91 Resp: 316244

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.288 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015161.D

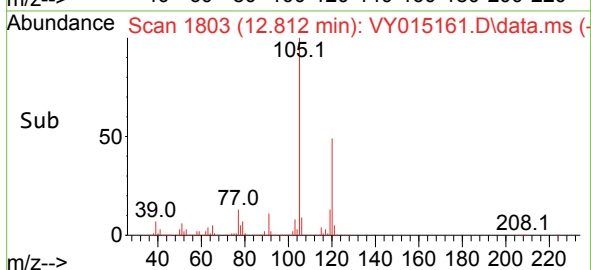
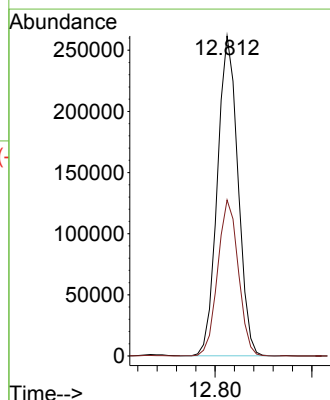
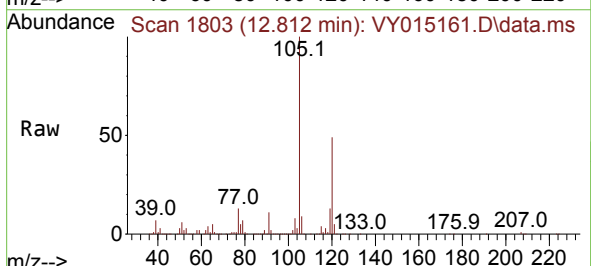
Acq: 17 Aug 2023 09:56

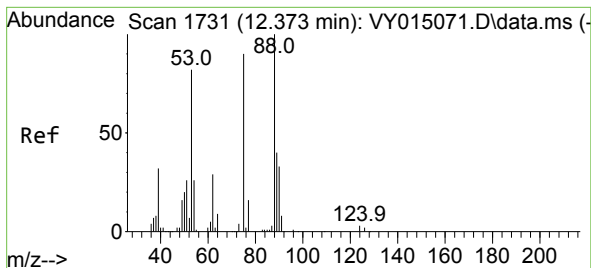
Tgt Ion: 105 Resp: 385618

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

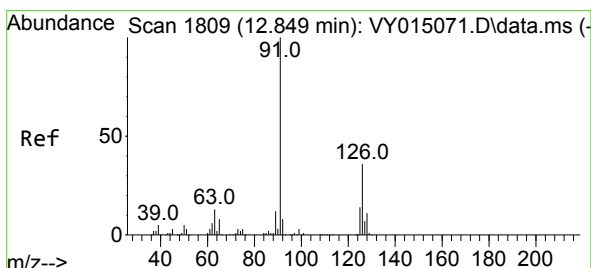
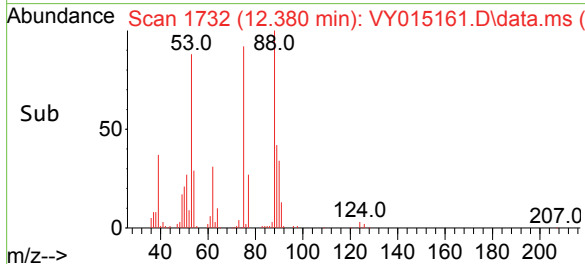
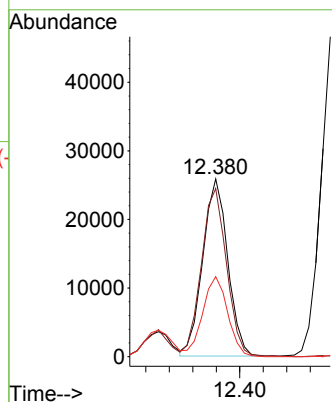
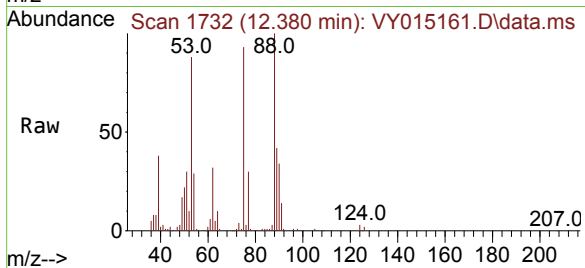




#81
trans-1,4-Dichloro-2-butene
Concen: 49.163 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

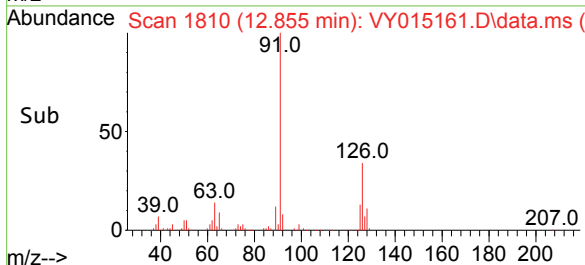
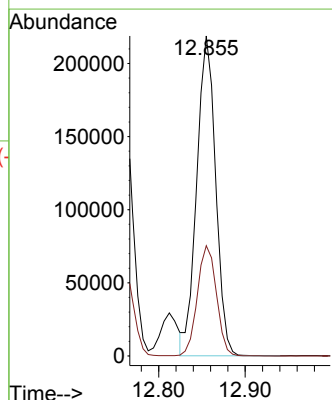
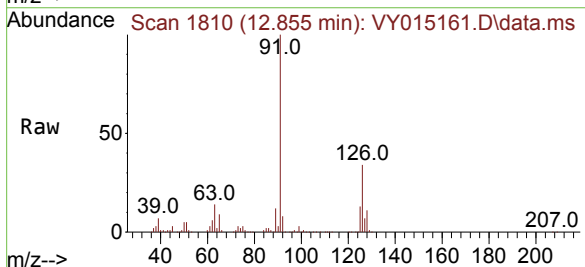
Instrument :
MSVOA_Y
ClientSampleId :

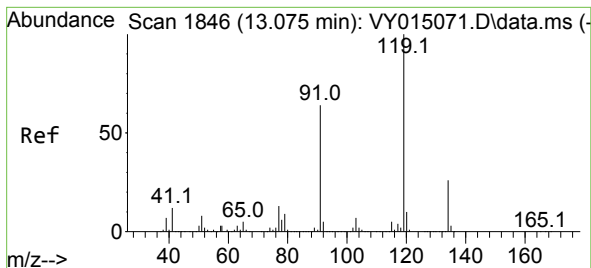
Tgt Ion: 75 Resp: 38144
Ion Ratio Lower Upper
75 100
53 96.2 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.890 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 91 Resp: 331242
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.369 ug/l

RT: 13.074 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

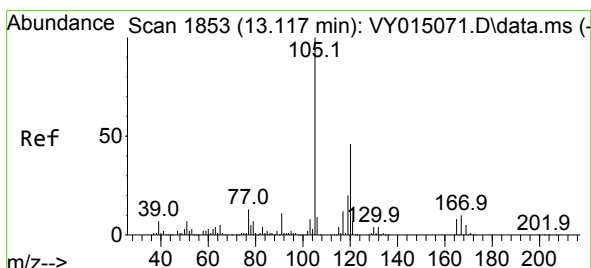
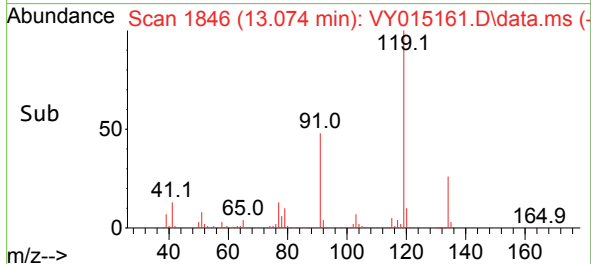
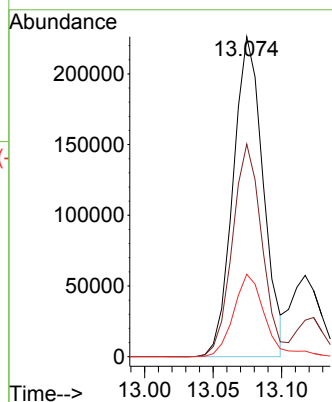
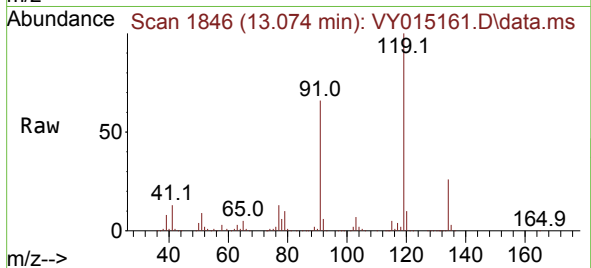
Tgt Ion:119 Resp: 346392

Ion Ratio Lower Upper

119 100

91 65.9 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.623 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015161.D

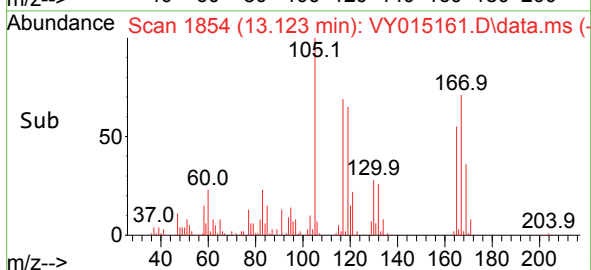
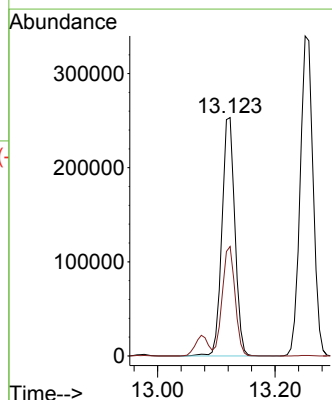
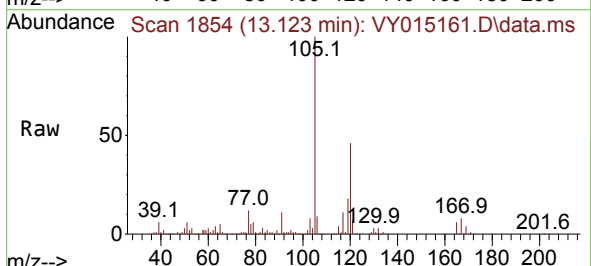
Acq: 17 Aug 2023 09:56

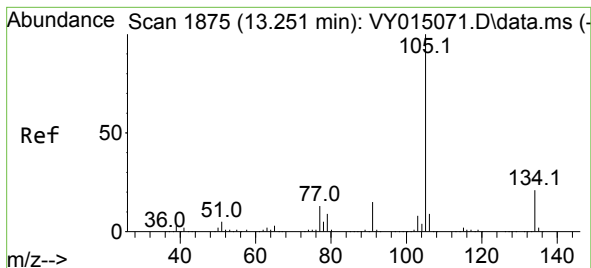
Tgt Ion:105 Resp: 387842

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.329 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

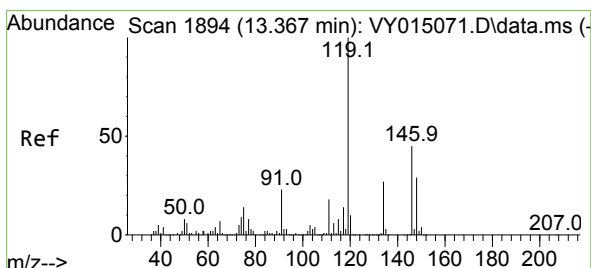
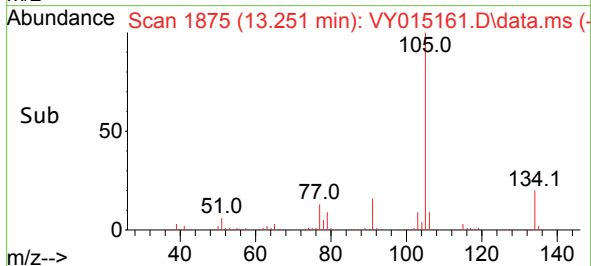
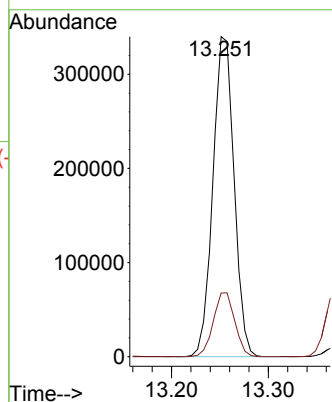
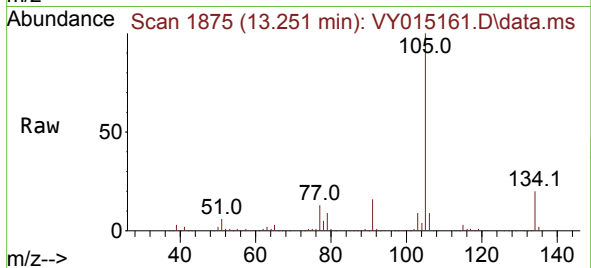
ClientSampleId :

Tgt Ion:105 Resp: 517203

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.806 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

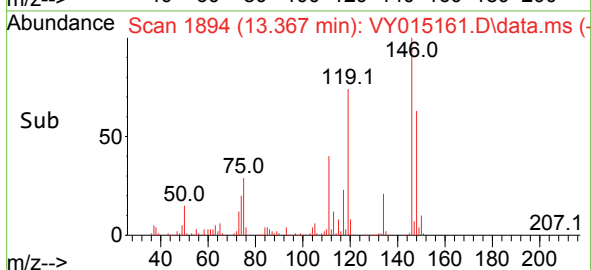
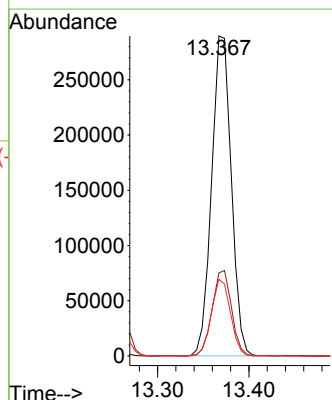
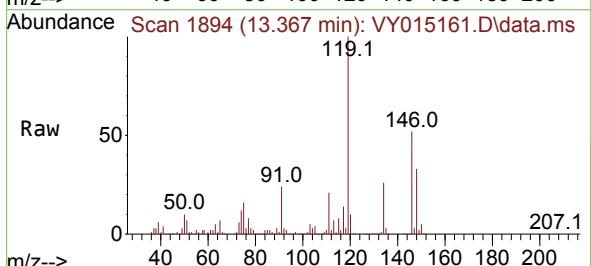
Tgt Ion:119 Resp: 432794

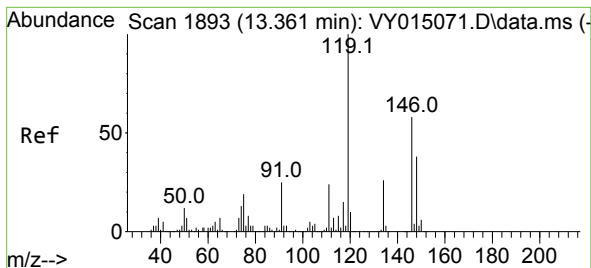
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.737 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

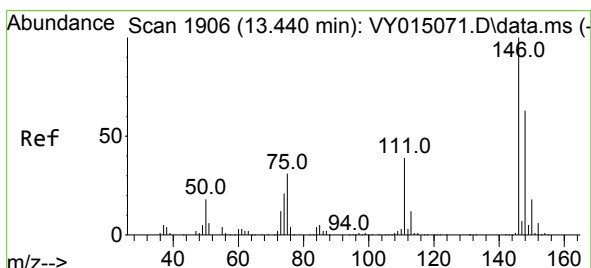
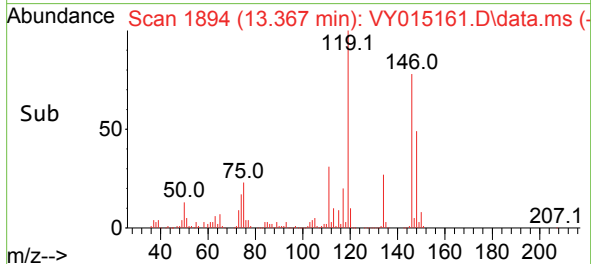
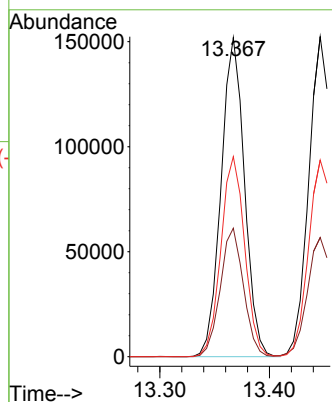
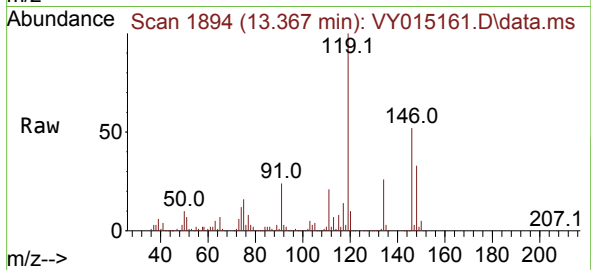
Tgt Ion:146 Resp: 225615

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.228 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

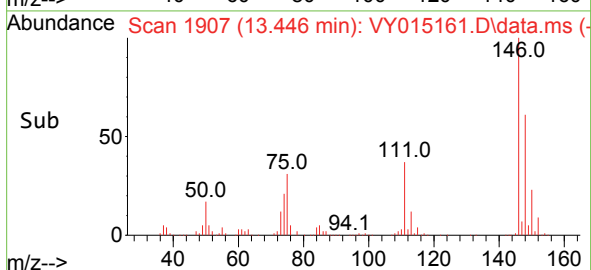
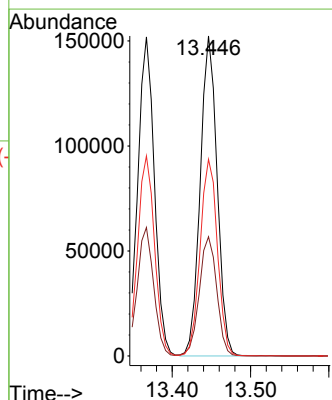
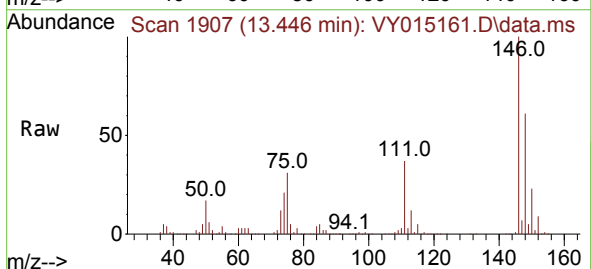
Tgt Ion:146 Resp: 228439

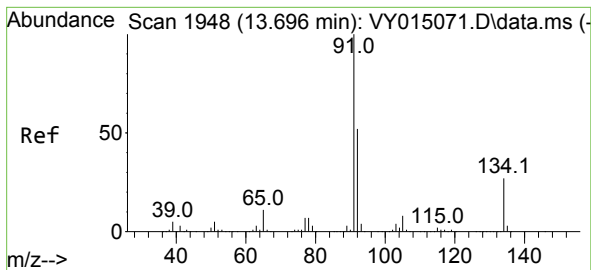
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 63.0 32.1 96.5

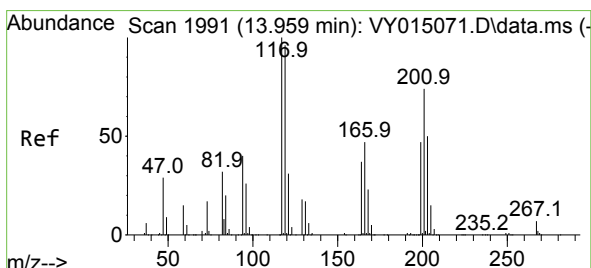
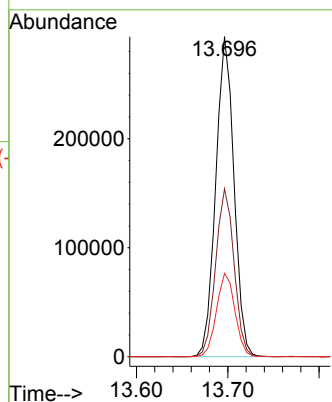
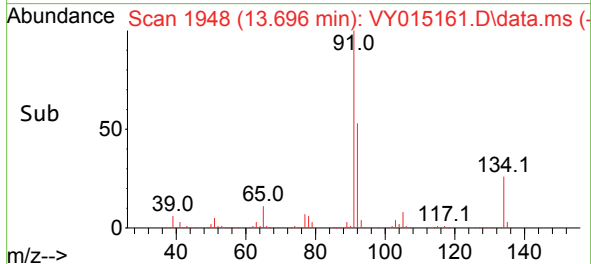
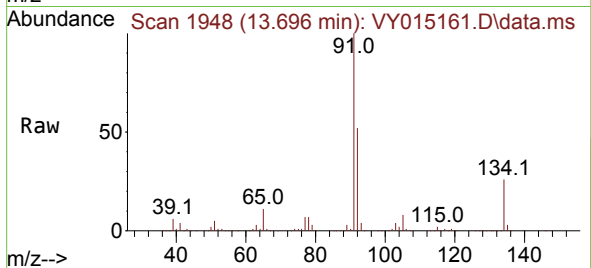




#89
n-Butylbenzene
Concen: 51.715 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

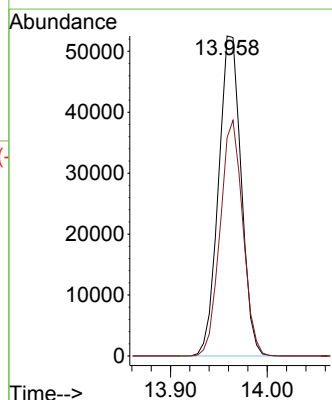
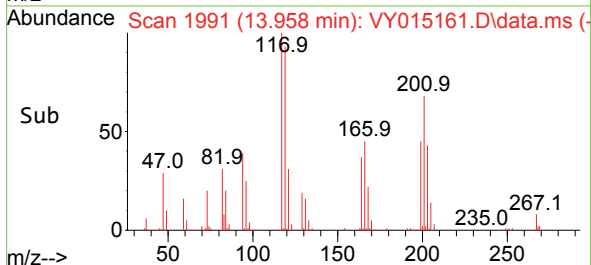
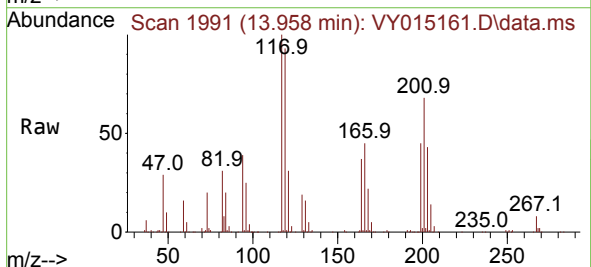
Instrument :
MSVOA_Y
ClientSampleId :

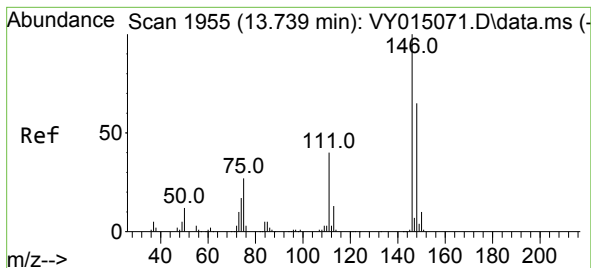
Tgt Ion: 91 Resp: 407350
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 26.4 12.6 37.6



#90
Hexachloroethane
Concen: 51.504 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015161.D
Acq: 17 Aug 2023 09:56

Tgt Ion: 117 Resp: 85359
Ion Ratio Lower Upper
117 100
201 73.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.592 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

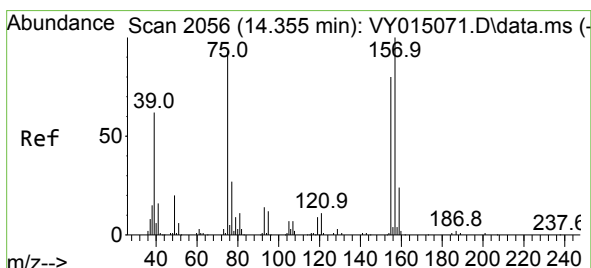
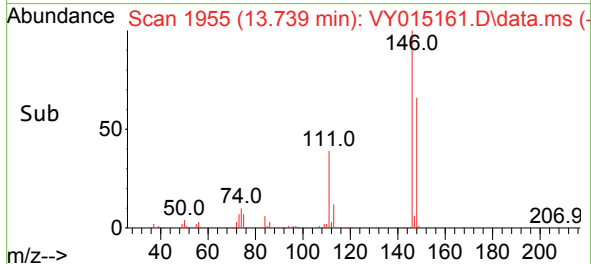
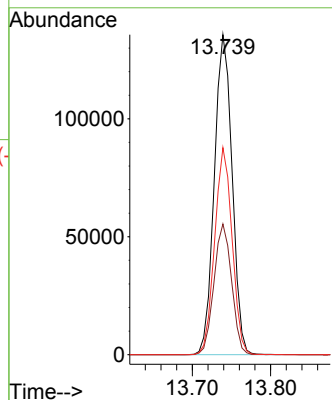
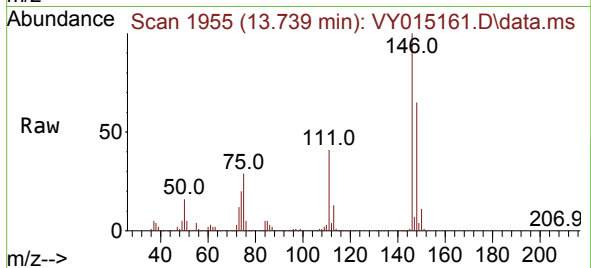
Tgt Ion:146 Resp: 214250

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.322 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

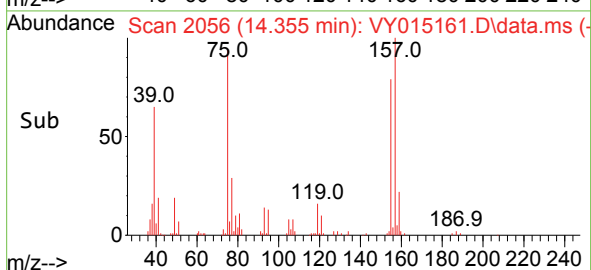
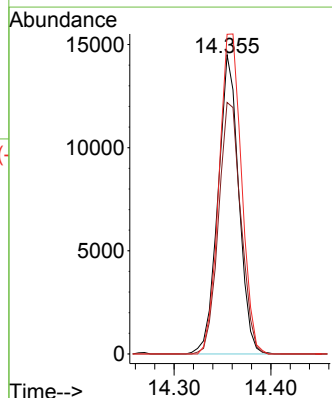
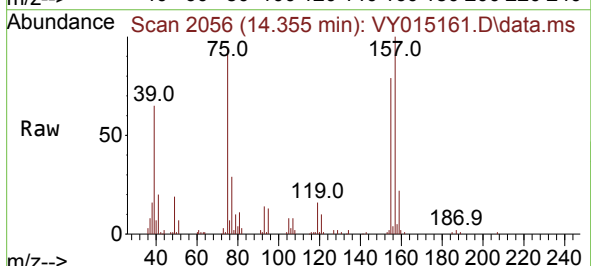
Tgt Ion: 75 Resp: 21535

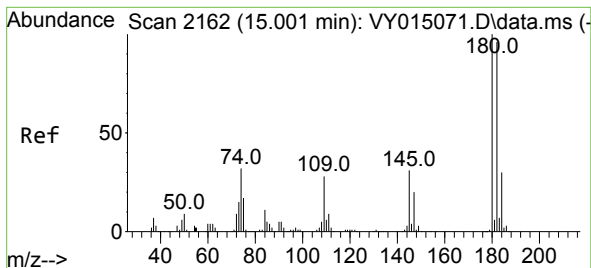
Ion Ratio Lower Upper

75 100

155 90.3 41.5 124.6

157 116.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.060 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

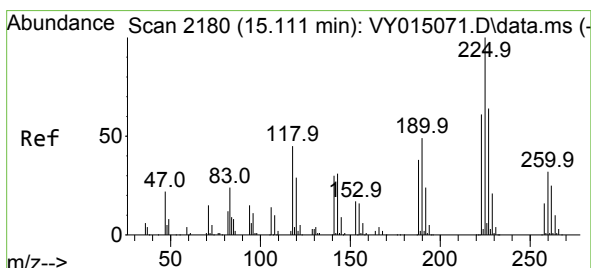
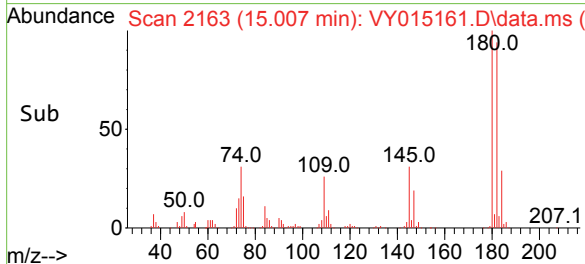
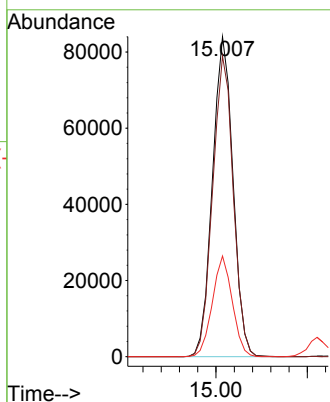
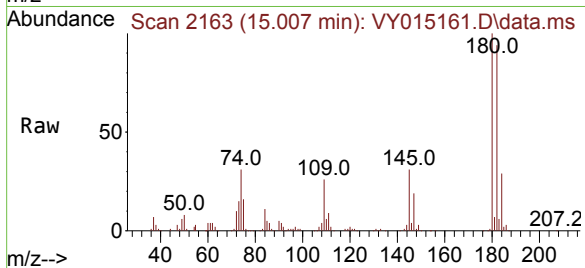
Tgt Ion:180 Resp: 130925

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.801 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

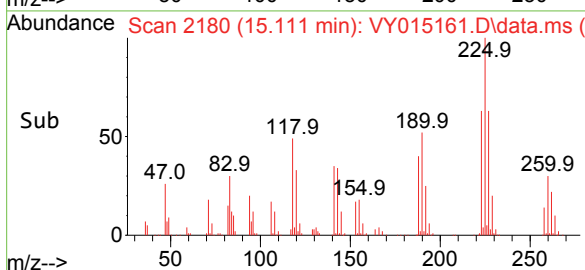
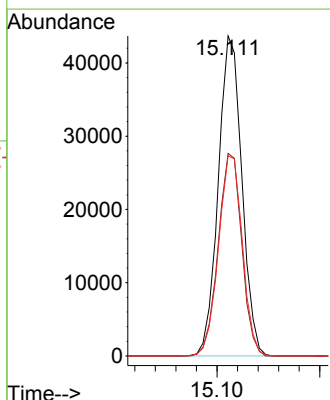
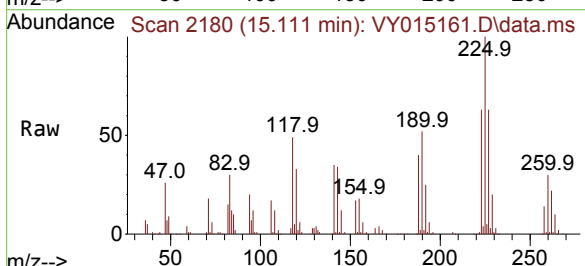
Tgt Ion:225 Resp: 69425

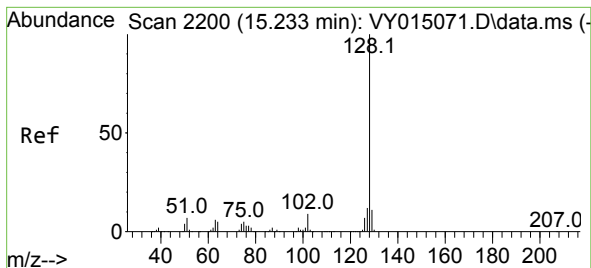
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 47.322 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

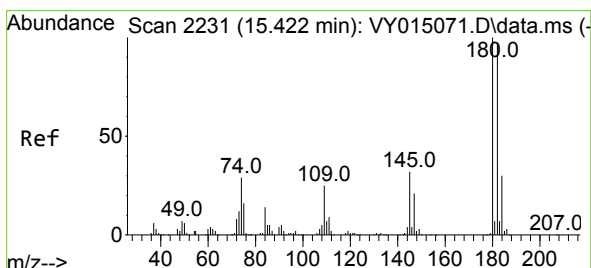
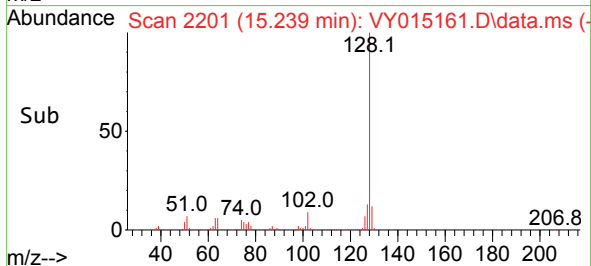
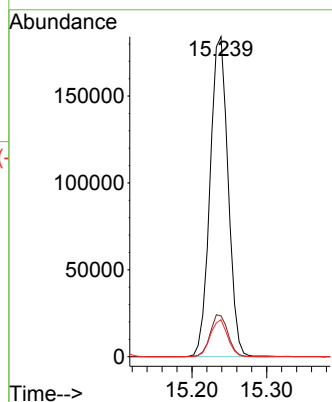
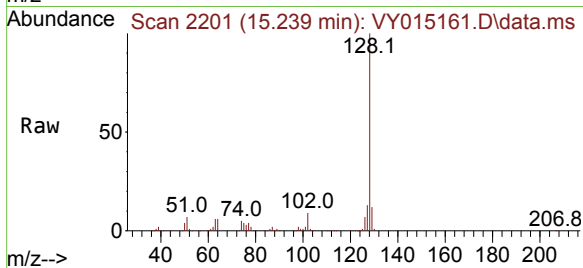
Tgt Ion:128 Resp: 308303

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.976 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015161.D

Acq: 17 Aug 2023 09:56

Tgt Ion:180 Resp: 118041

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 32.7 15.4 46.2

