

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015440.D
 Acq On : 05 Sep 2023 19:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:47:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	203043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101176	46.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.960%
35) Dibromofluoromethane	7.710	113	90505	46.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.920%
50) Toluene-d8	10.173	98	318066	45.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.180%
62) 4-Bromofluorobenzene	12.477	95	125213	47.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	78601	44.534	ug/l	99
3) Chloromethane	2.107	50	111031	47.368	ug/l	99
4) Vinyl Chloride	2.241	62	126503	46.367	ug/l	95
5) Bromomethane	2.625	94	95077	48.976	ug/l	97
6) Chloroethane	2.777	64	85242	47.533	ug/l	98
7) Trichlorofluoromethane	3.107	101	174165	45.130	ug/l	97
8) Diethyl Ether	3.521	74	67953	51.523	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	98030	45.830	ug/l	96
10) Methyl Iodide	4.076	142	119818	47.700	ug/l	97
11) Tert butyl alcohol	4.954	59	113170	234.057	ug/l #	80
12) 1,1-Dichloroethene	3.857	96	95700	47.414	ug/l	93
13) Acrolein	3.716	56	143990	238.676	ug/l	99
14) Allyl chloride	4.466	41	160519	49.950	ug/l	96
15) Acrylonitrile	5.149	53	228980	275.907	ug/l	99
16) Acetone	3.942	43	194322	213.894	ug/l	95
17) Carbon Disulfide	4.180	76	276981	45.902	ug/l	99
18) Methyl Acetate	4.466	43	187239	56.901	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	346984	52.894	ug/l	98
20) Methylene Chloride	4.704	84	139382	47.437	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	112776	48.522	ug/l	94
22) Diisopropyl ether	6.112	45	360382	51.275	ug/l #	91
23) Vinyl Acetate	6.051	43	1146362	258.331	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	200461	49.339	ug/l	98
25) 2-Butanone	6.978	43	341801	265.260	ug/l	97
26) 2,2-Dichloropropane	6.972	77	162829	47.186	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	134121	50.867	ug/l	95
28) Bromochloromethane	7.325	49	57809	46.398	ug/l	94
29) Tetrahydrofuran	7.338	42	228007	281.776	ug/l	92
30) Chloroform	7.496	83	215542	50.466	ug/l	97
31) Cyclohexane	7.777	56	171810	44.437	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	186107	48.784	ug/l	99
36) 1,1-Dichloropropene	7.911	75	159854	46.738	ug/l	99
37) Ethyl Acetate	7.069	43	141683	53.712	ug/l	96
38) Carbon Tetrachloride	7.892	117	166706	47.193	ug/l	97
39) Methylcyclohexane	9.179	83	195292	45.355	ug/l	93
40) Benzene	8.155	78	470332	49.289	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	199657	161.406	ug/l #	30
42) 1,2-Dichloroethane	8.228	62	158840	49.919	ug/l	95
43) Isopropyl Acetate	8.264	43	247548	54.270	ug/l	97
44) Trichloroethene	8.935	130	131292	48.629	ug/l	99
45) 1,2-Dichloropropane	9.209	63	119914	49.849	ug/l	95
46) Dibromomethane	9.301	93	81393	50.938	ug/l	95
47) Bromodichloromethane	9.490	83	173144	50.669	ug/l	99
48) Methyl methacrylate	9.289	41	109404	52.276	ug/l	91
49) 1,4-Dioxane	9.295	88	32981	1111.214	ug/l #	49
51) 4-Methyl-2-Pentanone	10.063	43	744196	280.702	ug/l	94
52) Toluene	10.240	92	302587	49.474	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	187258	51.564	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	195920	49.594	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	112107	52.070	ug/l	97
56) Ethyl methacrylate	10.508	69	173941	54.518	ug/l	90
57) 1,3-Dichloropropane	10.788	76	191311	51.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	278184	244.274	ug/l	95
59) 2-Hexanone	10.825	43	552882	277.925	ug/l	92
60) Dibromochloromethane	10.983	129	134033	53.188	ug/l	100
61) 1,2-Dibromoethane	11.087	107	114939	52.685	ug/l	100
64) Tetrachloroethene	10.715	164	151320	52.528	ug/l	97
65) Chlorobenzene	11.514	112	331754	48.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	124272	49.645	ug/l	97
67) Ethyl Benzene	11.587	91	587263	47.821	ug/l	100
68) m/p-Xylenes	11.697	106	454998	95.585	ug/l	96
69) o-Xylene	12.026	106	221261	48.637	ug/l	97
70) Styrene	12.038	104	382375	49.989	ug/l	97
71) Bromoform	12.203	173	93122	53.329	ug/l #	100
73) Isopropylbenzene	12.325	105	572871	46.775	ug/l	100
74) N-amyl acetate	12.142	43	221505	53.833	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	145649	49.817	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	198343	91.730	ug/l #	100
77) Bromobenzene	12.605	156	141813	48.888	ug/l	97
78) n-propylbenzene	12.666	91	696710	47.012	ug/l	100
79) 2-Chlorotoluene	12.751	91	398903	47.990	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	486004	47.442	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	48712	49.695	ug/l	97
82) 4-Chlorotoluene	12.849	91	416807	48.248	ug/l	100
83) tert-Butylbenzene	13.074	119	421534	46.980	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	491661	48.338	ug/l	99
85) sec-Butylbenzene	13.251	105	627035	46.853	ug/l	100
86) p-Isopropyltoluene	13.367	119	533787	47.589	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	277327	48.427	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	279100	48.214	ug/l	99
89) n-Butylbenzene	13.690	91	501897	47.541	ug/l	97
90) Hexachloroethane	13.958	117	97345	48.525	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	258269	49.419	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30900	53.427	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	167739	51.108	ug/l	99
94) Hexachlorobutadiene	15.111	225	86225	48.180	ug/l	99
95) Naphthalene	15.233	128	446868	54.965	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	154105	51.477	ug/l	98

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QLast Update : Thu Aug 31 20:01:47 2023
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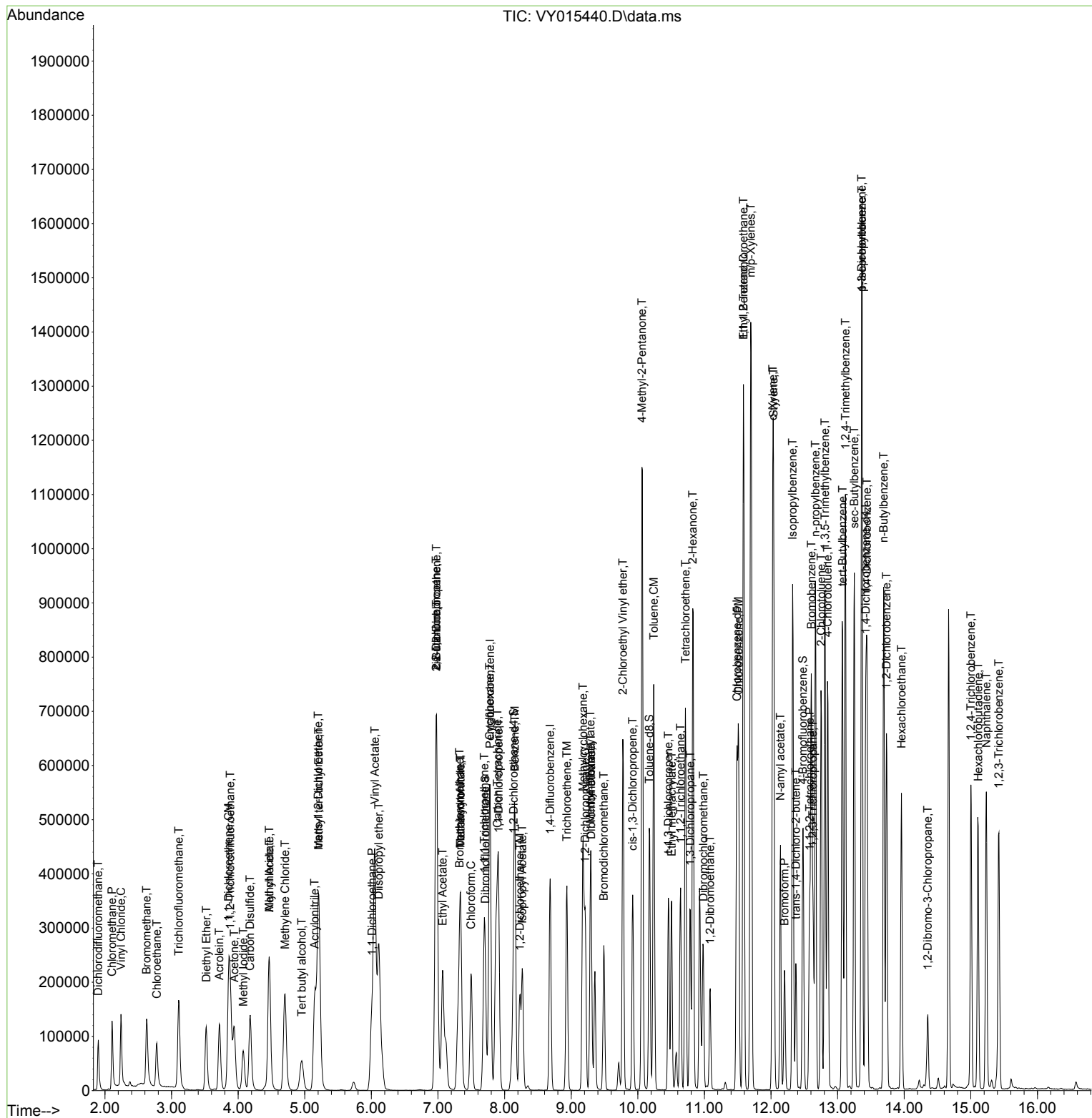
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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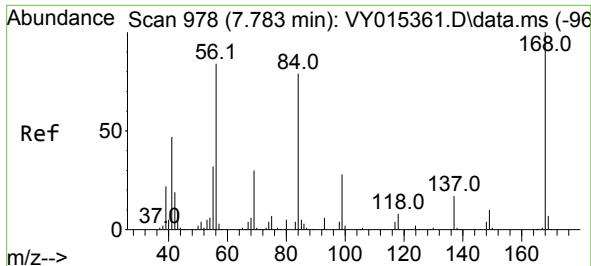
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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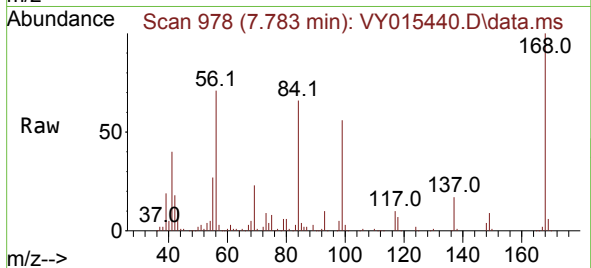
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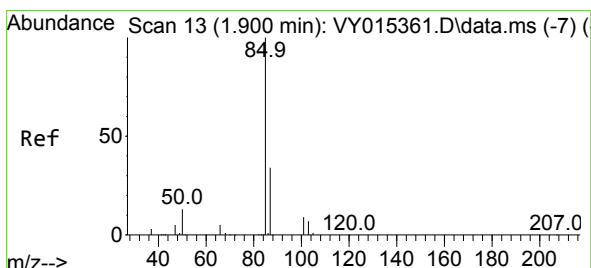
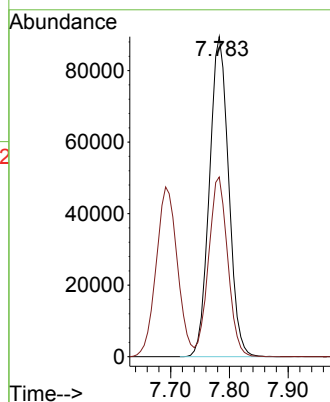
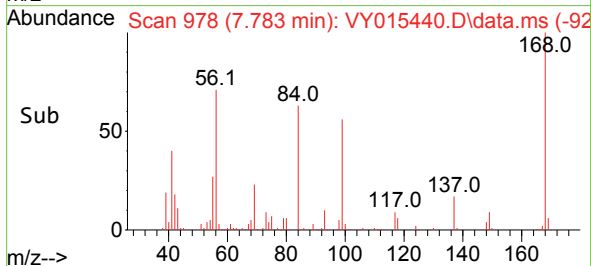


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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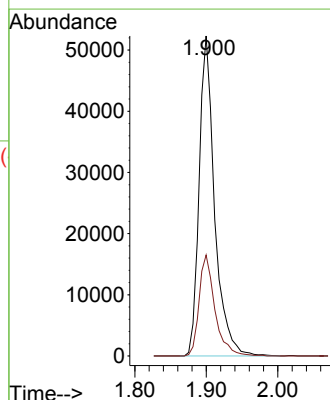
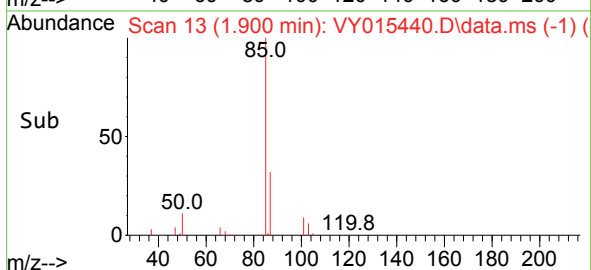
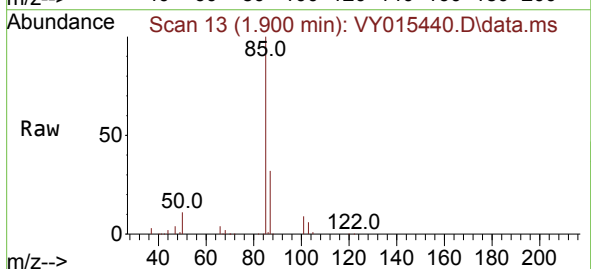


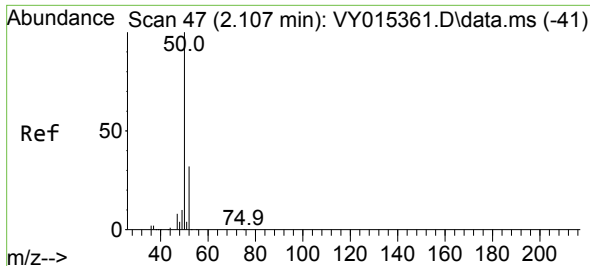
Tgt Ion:168 Resp: 203043
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.534 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 85 Resp: 78601
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8

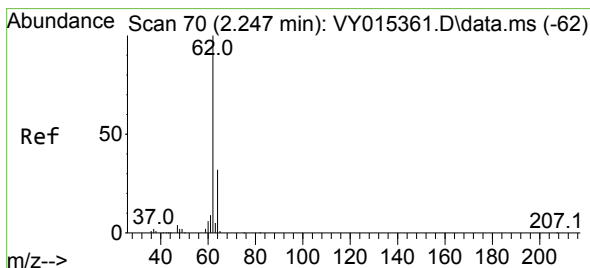
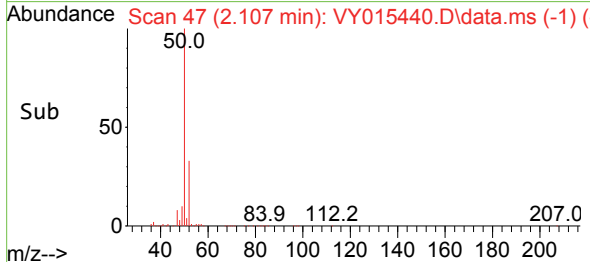
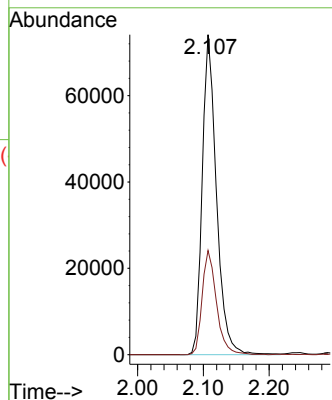
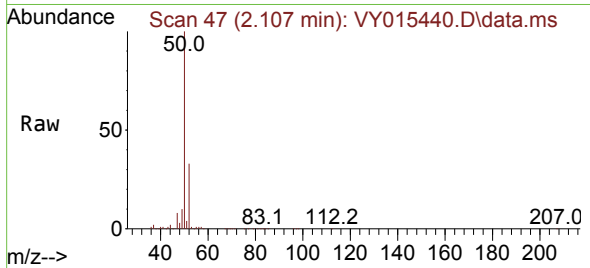




#3
Chloromethane
Concen: 47.368 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

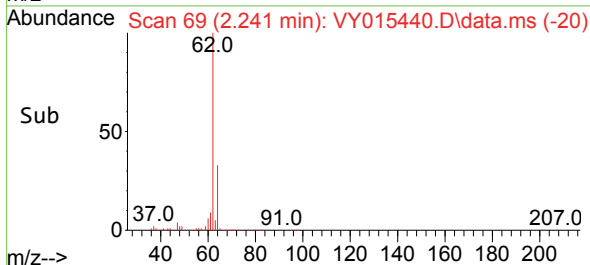
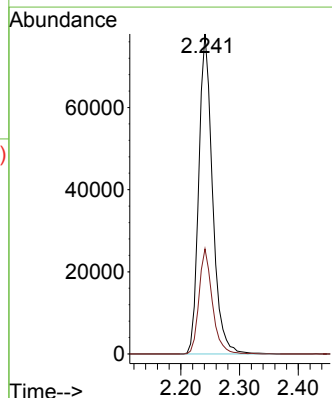
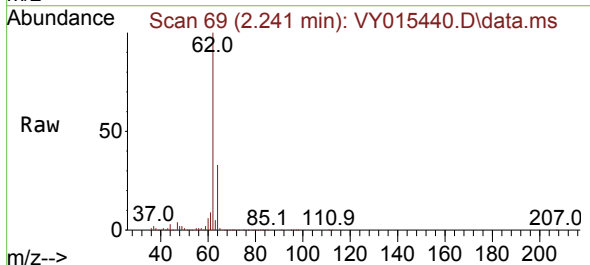
Instrument :
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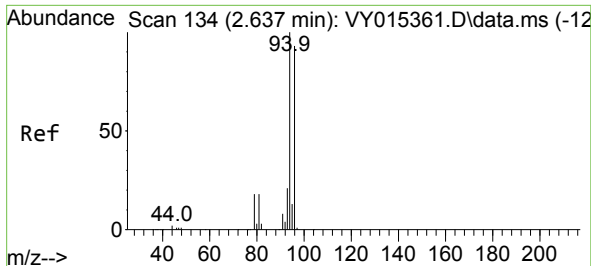
Tgt Ion: 50 Resp: 111031
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 46.367 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 62 Resp: 126503
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5

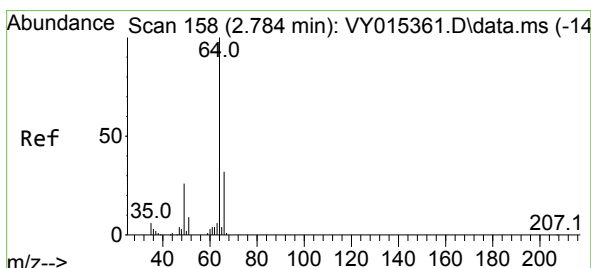
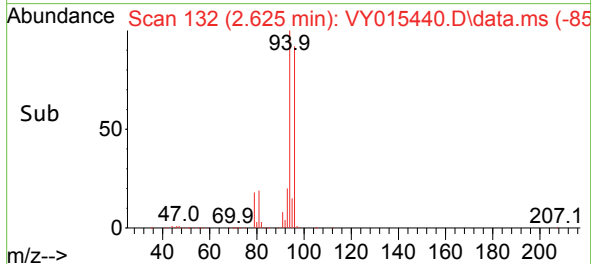
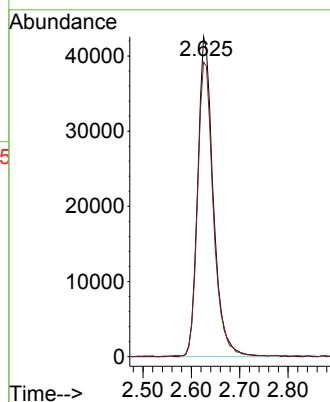
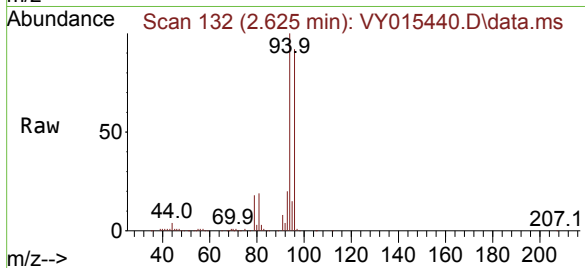




#5
Bromomethane
Concen: 48.976 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015440.D
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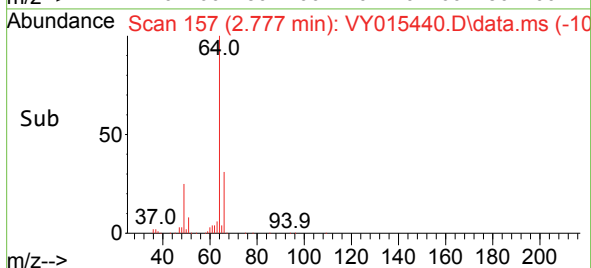
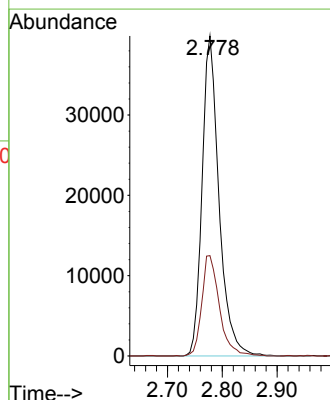
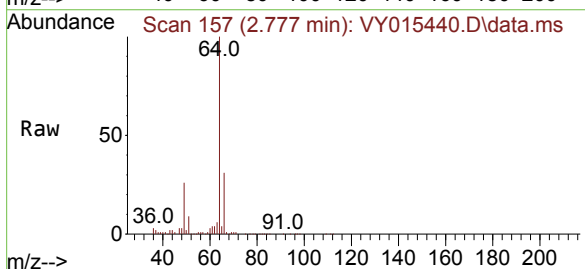
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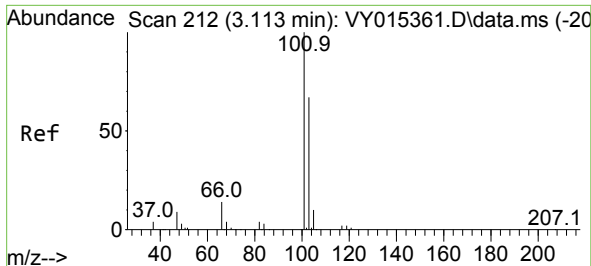
Tgt Ion: 94 Resp: 95077
Ion Ratio Lower Upper
94 100
96 91.7 75.8 113.6



#6
Chloroethane
Concen: 47.533 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 64 Resp: 85242
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

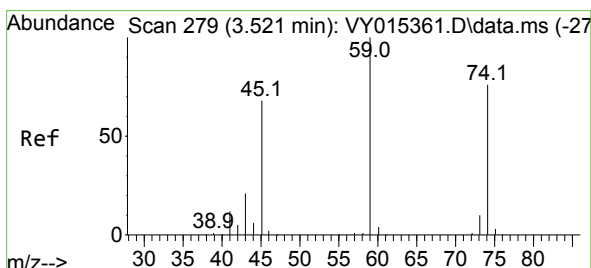
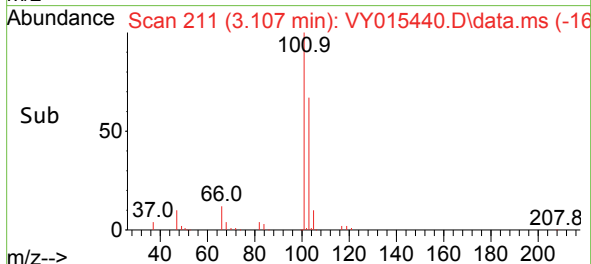
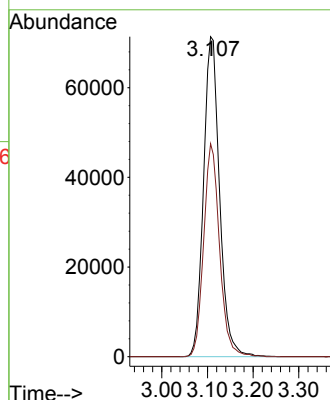
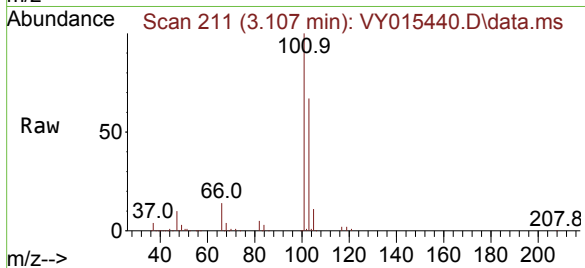




#7
Trichlorofluoromethane
Concen: 45.130 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

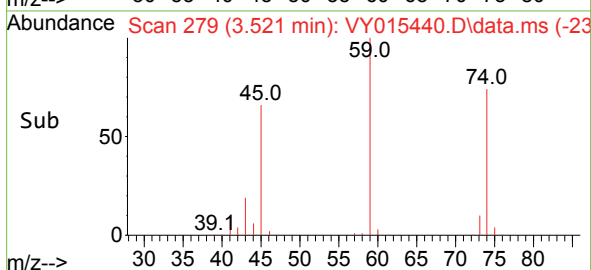
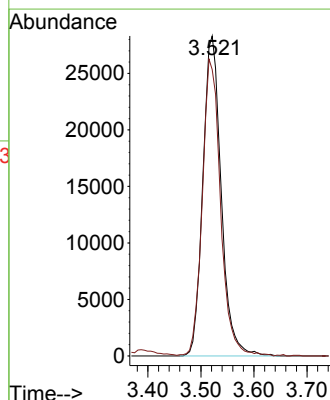
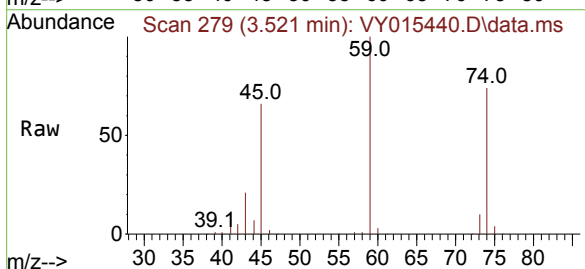
Instrument :
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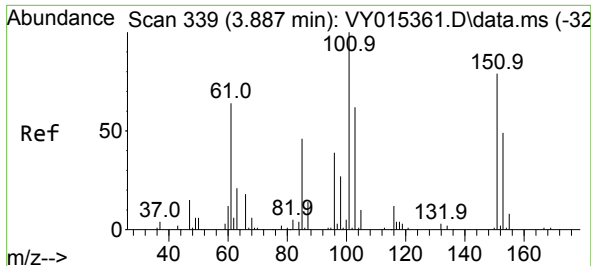
Tgt Ion:101 Resp: 174165
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.0



#8
Diethyl Ether
Concen: 51.523 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 74 Resp: 67953
Ion Ratio Lower Upper
74 100
45 92.5 51.5 154.5

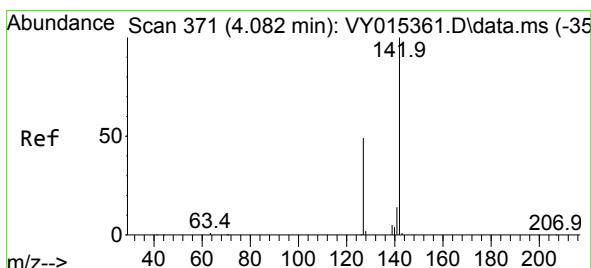
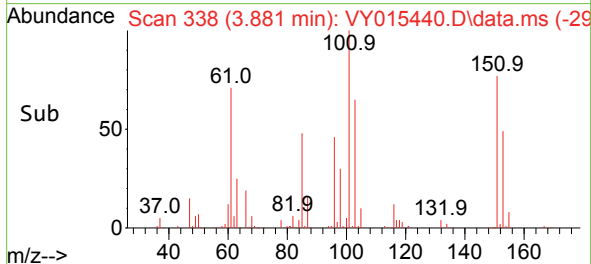
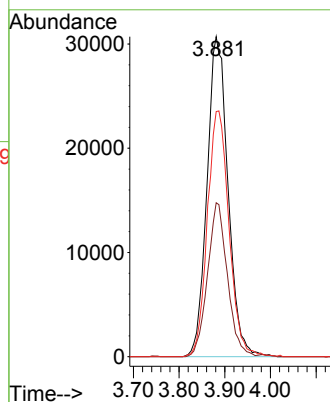
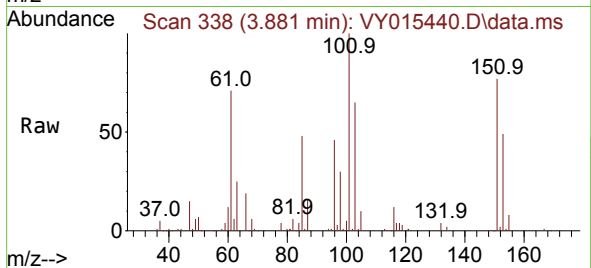




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.830 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

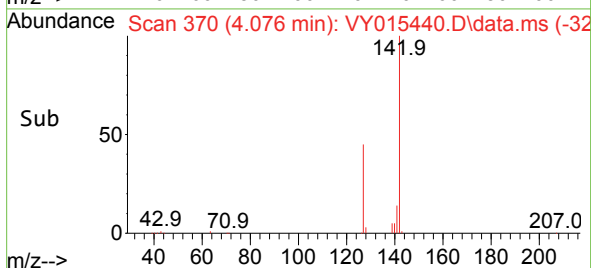
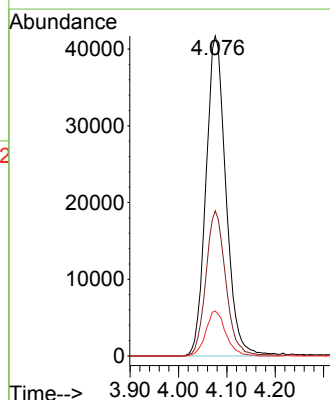
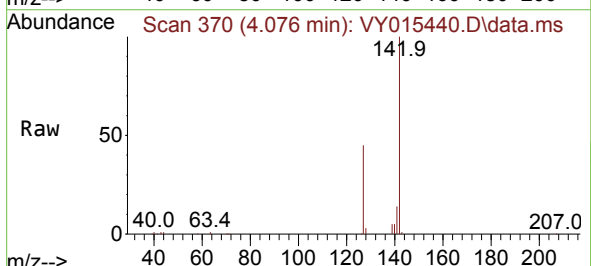
Instrument :
MSVOA_Y
ClientSampleId :

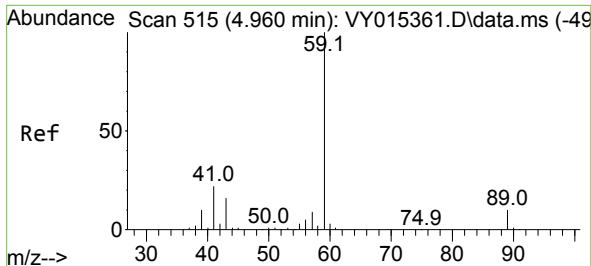
Tgt Ion:101 Resp: 98030
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 47.700 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion:142 Resp: 119818
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.1 11.8 17.8

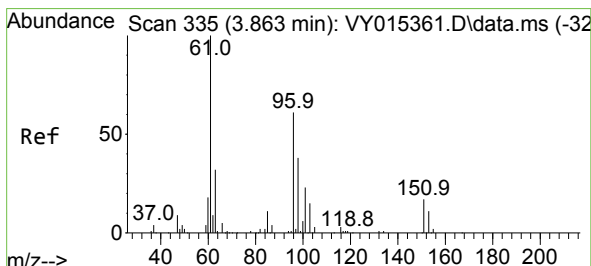
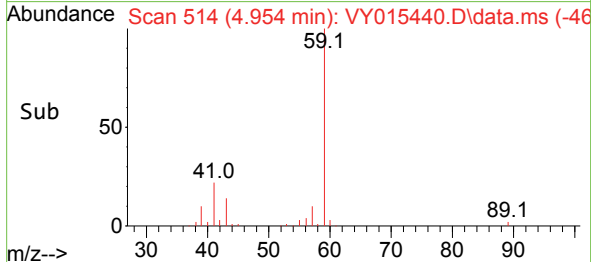
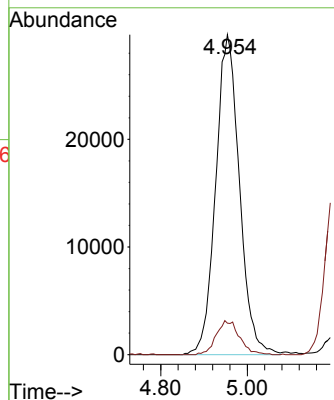
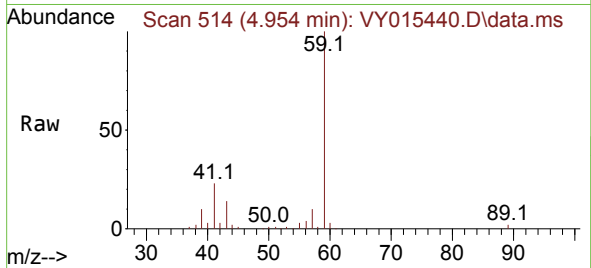




#11
Tert butyl alcohol
Concen: 234.057 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

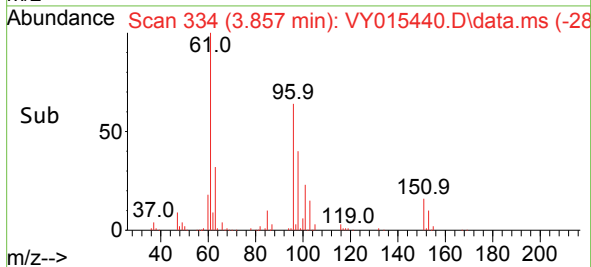
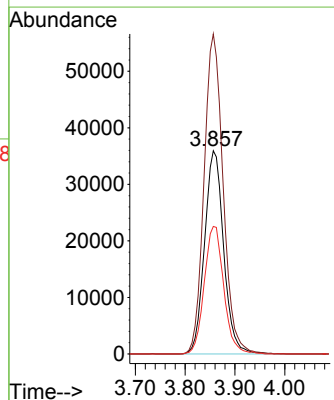
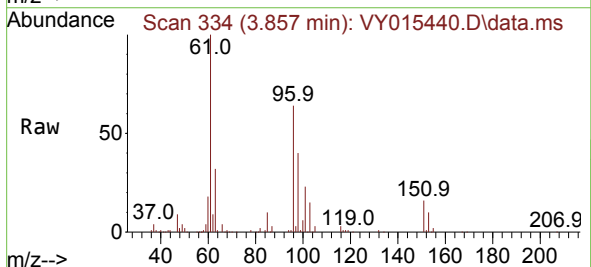
Instrument :
MSVOA_Y
ClientSampleId :

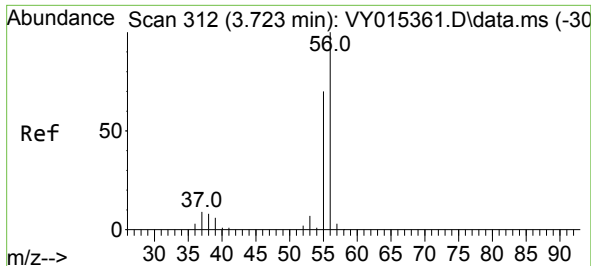
Tgt Ion: 59 Resp: 113170
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.414 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 96 Resp: 95700
Ion Ratio Lower Upper
96 100
61 157.5 136.4 204.6
98 62.7 49.4 74.2





#13

Acrolein

Concen: 238.676 ug/l

RT: 3.716 min Scan# 31

Delta R.T. -0.007 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

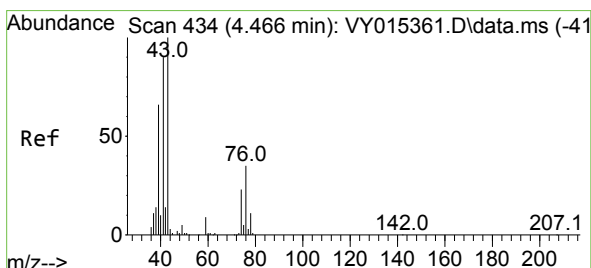
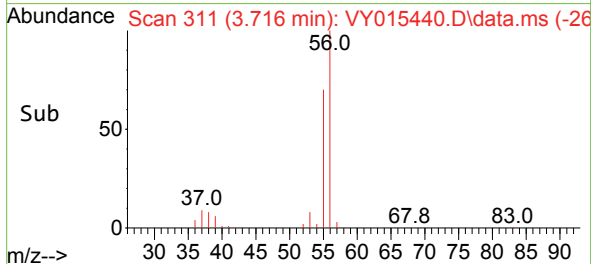
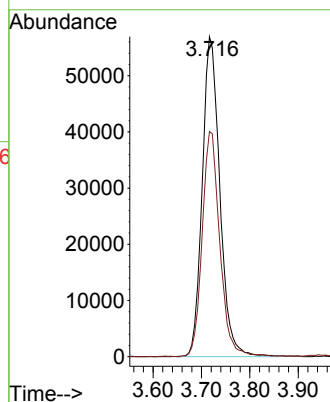
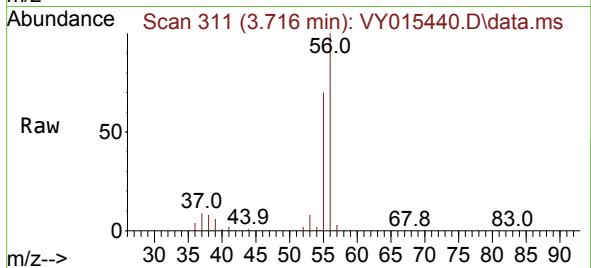
ClientSampleId :

Tgt Ion: 56 Resp: 143990

Ion Ratio Lower Upper

56 100

55 70.1 57.0 85.4



#14

Allyl chloride

Concen: 49.950 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

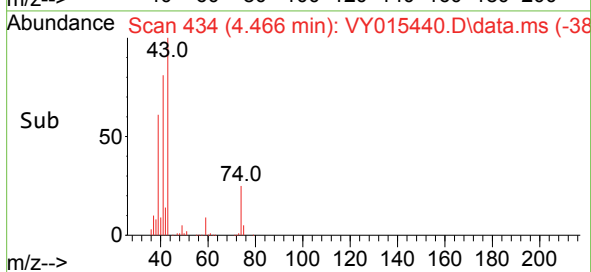
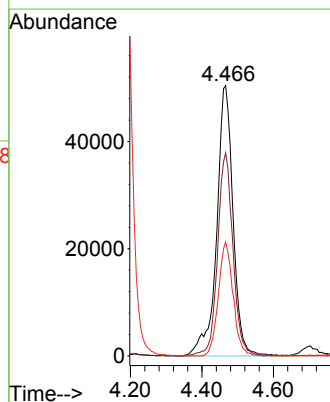
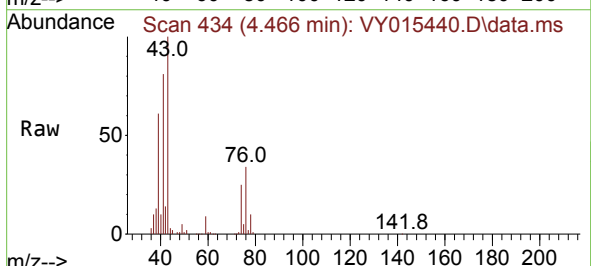
Tgt Ion: 41 Resp: 160519

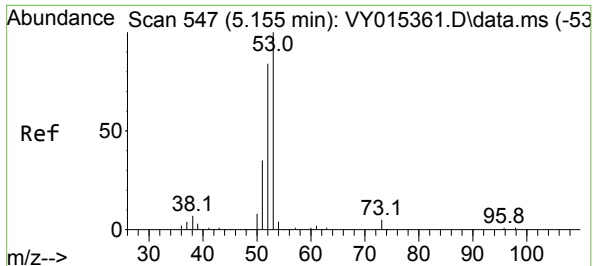
Ion Ratio Lower Upper

41 100

39 70.4 58.0 87.0

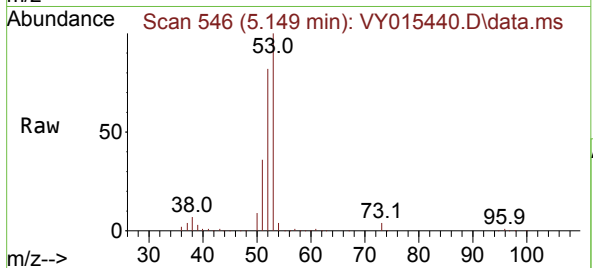
76 37.8 27.4 41.2



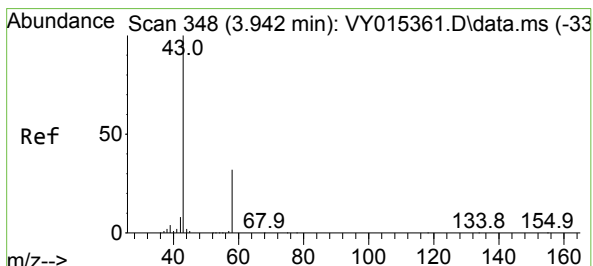
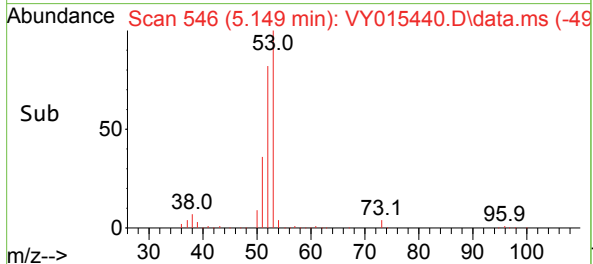
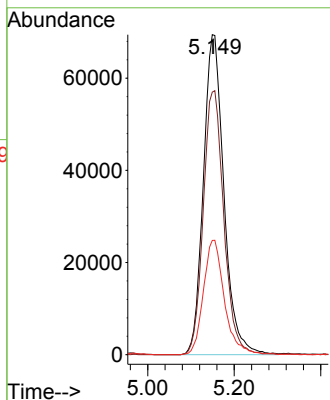


#15
Acrylonitrile
Concen: 275.907 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.012 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :

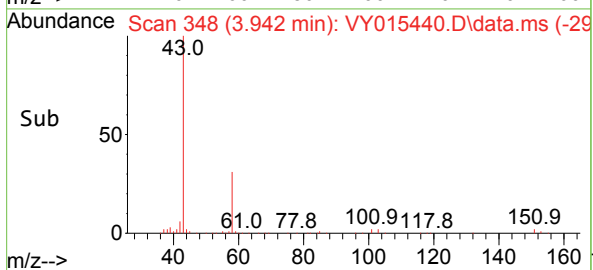
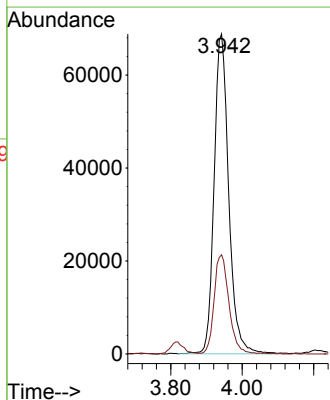
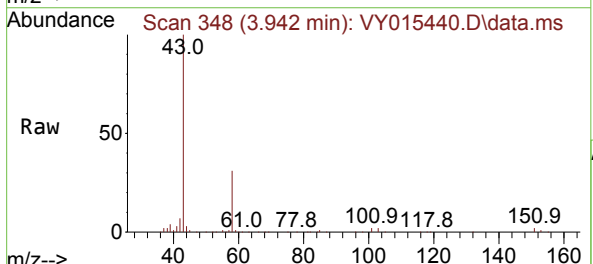


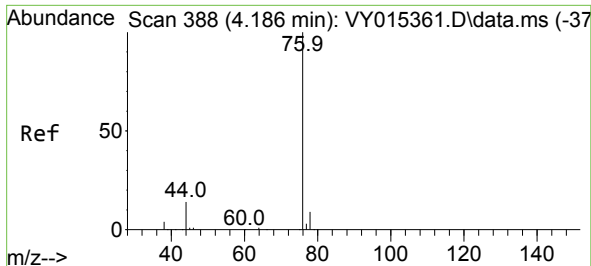
Tgt Ion: 53 Resp: 228980
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 213.894 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 43 Resp: 194322
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1

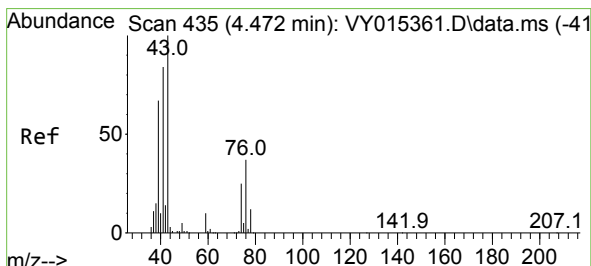
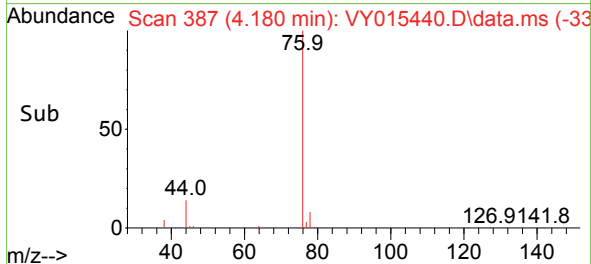
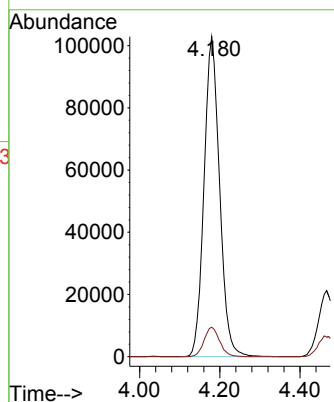
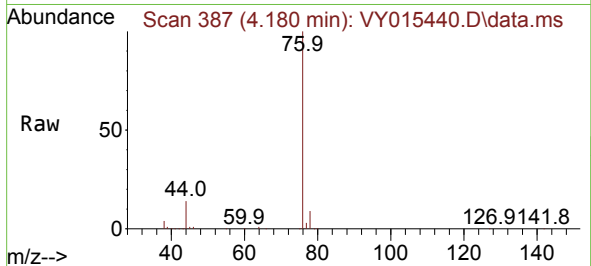




#17
Carbon Disulfide
Concen: 45.902 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

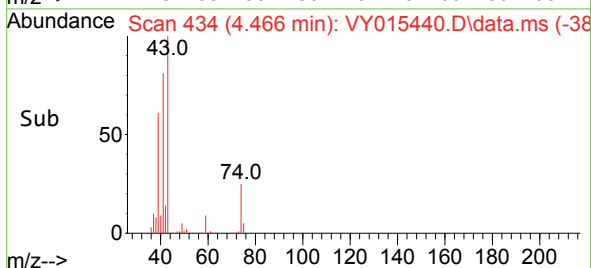
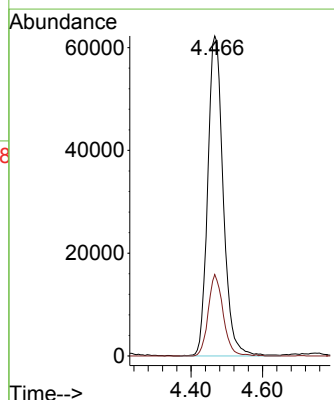
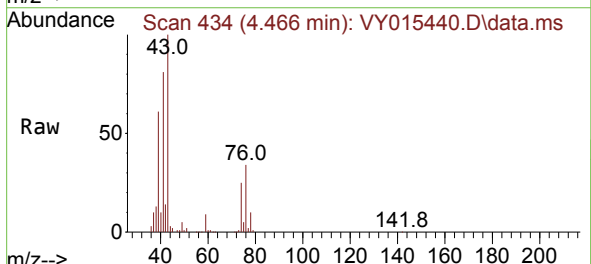
Instrument :
MSVOA_Y
ClientSampleId :

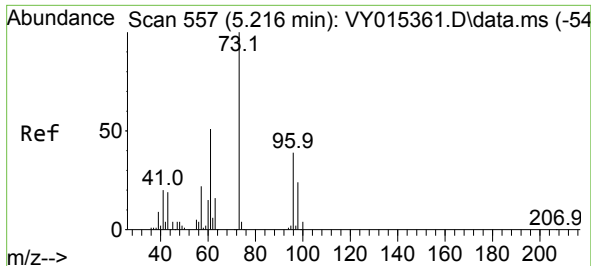
Tgt Ion: 76 Resp: 276981
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 56.901 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 43 Resp: 187239
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

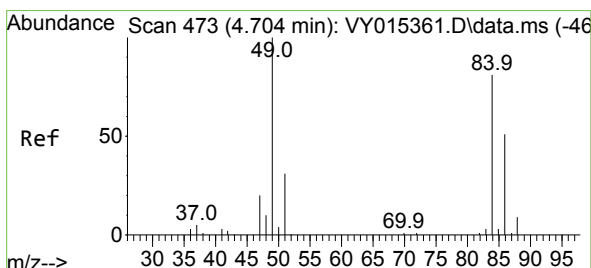
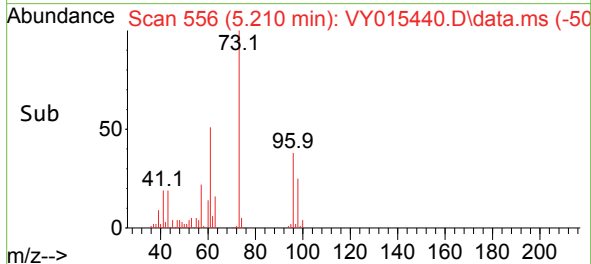
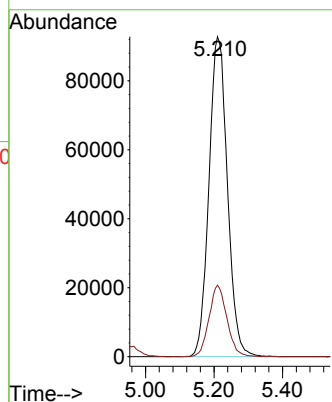
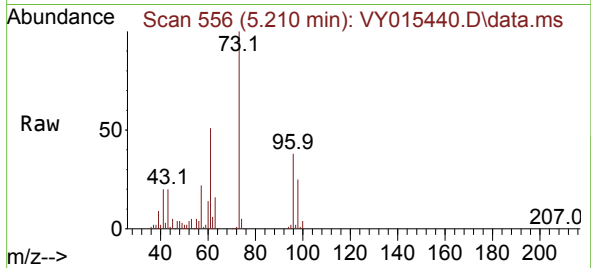




#19
Methyl tert-butyl Ether
Concen: 52.894 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

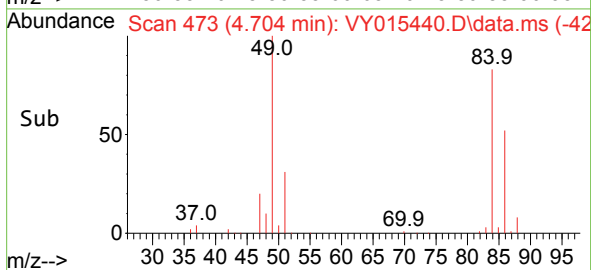
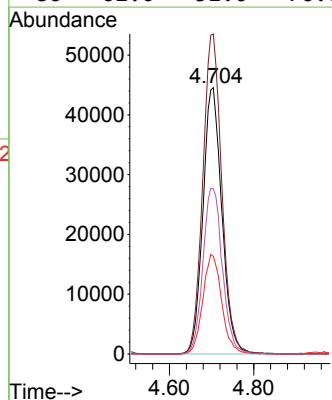
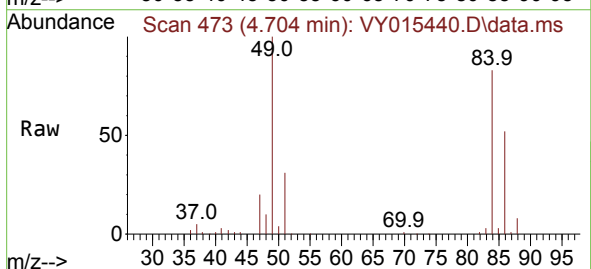
Instrument :
MSVOA_Y
ClientSampleId :

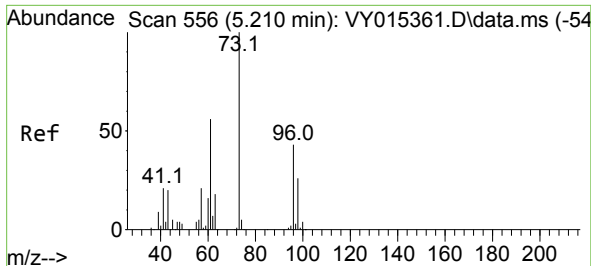
Tgt Ion: 73 Resp: 346984
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 47.437 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

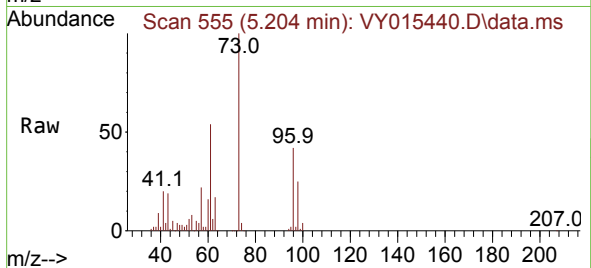
Tgt Ion: 84 Resp: 139382
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 36.7 33.2 49.8
86 62.0 51.0 76.6



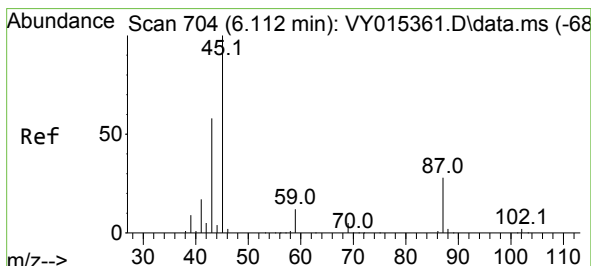
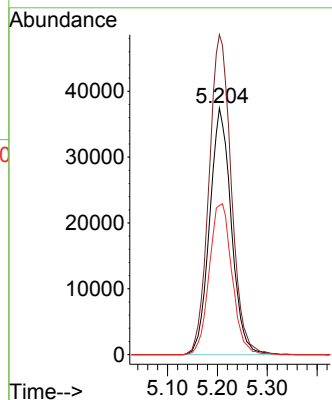
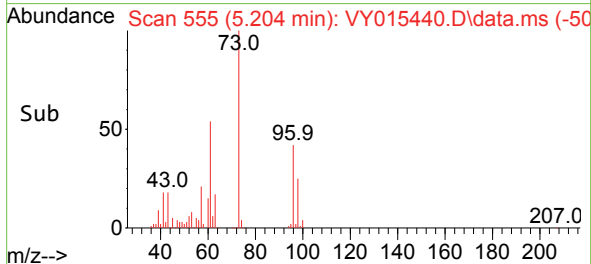


#21
trans-1,2-Dichloroethene
Concen: 48.522 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :

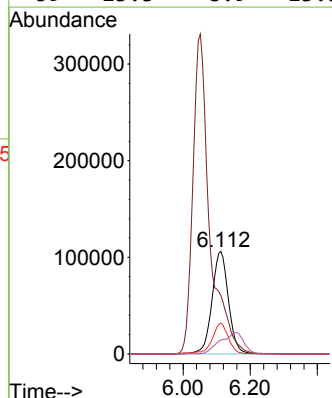
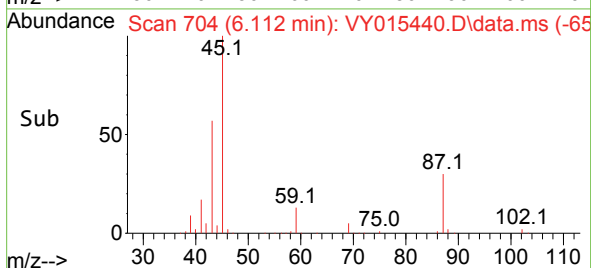
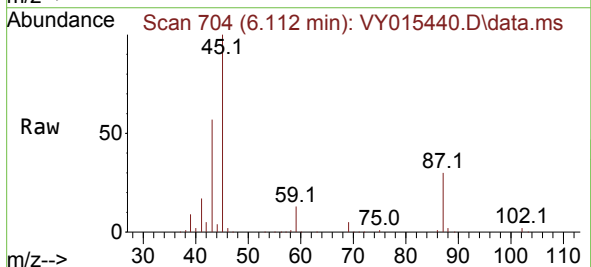


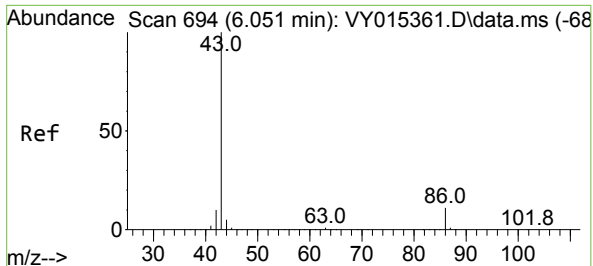
Tgt Ion: 96 Resp: 112776
Ion Ratio Lower Upper
96 100
61 129.8 110.2 165.4
98 60.5 51.8 77.6



#22
Diisopropyl ether
Concen: 51.275 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 45 Resp: 360382
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 30.1 21.0 31.6
59 13.3 8.9 13.3#

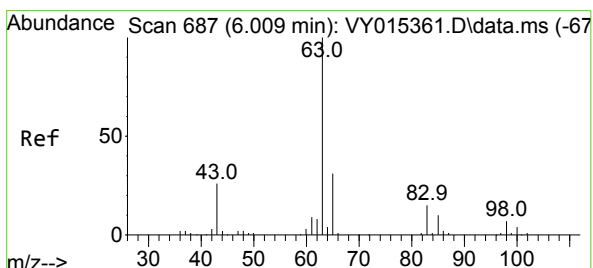
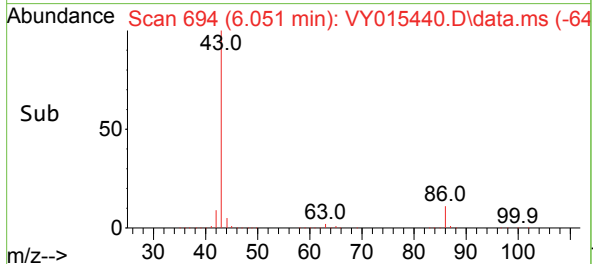
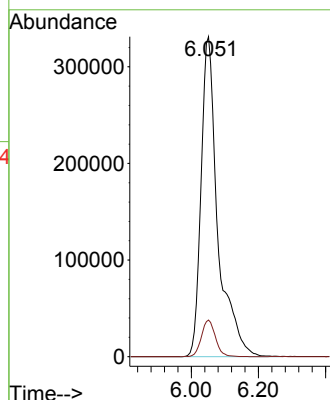
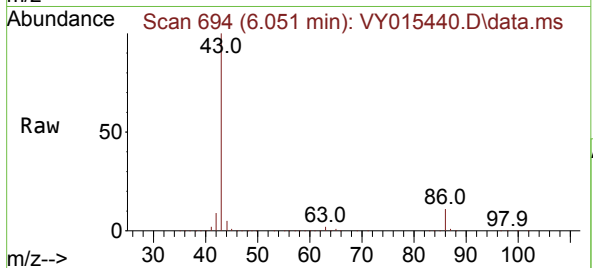




#23
 Vinyl Acetate
 Concen: 258.331 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

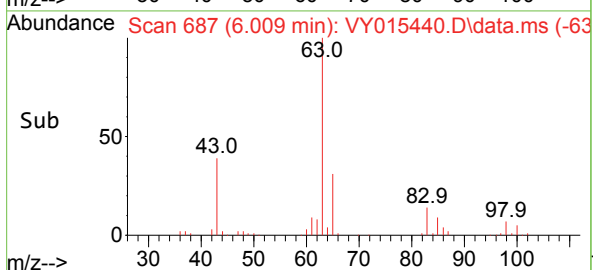
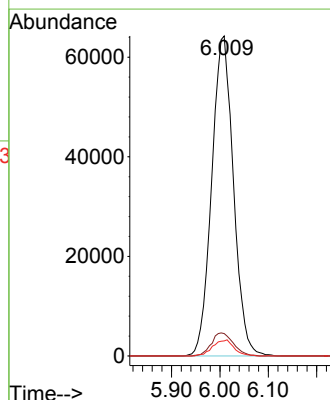
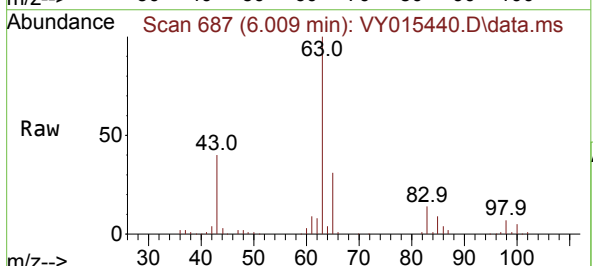
Instrument :
 MSVOA_Y
 ClientSampleId :

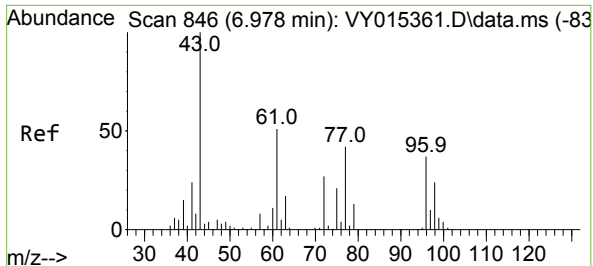
Tgt Ion: 43 Resp: 1146362
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.339 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

Tgt Ion: 63 Resp: 200461
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 265.260 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

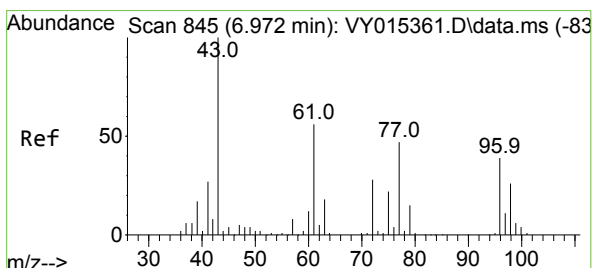
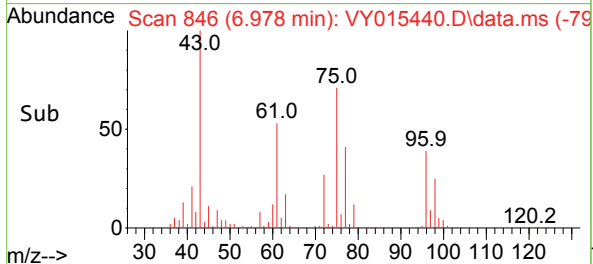
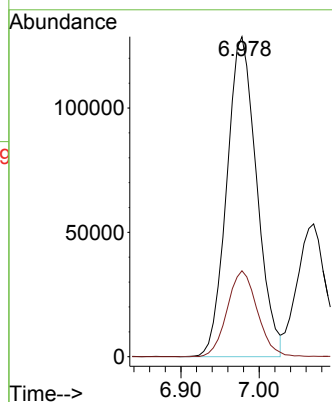
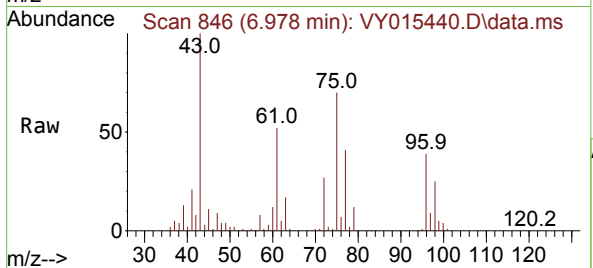
ClientSampleId :

Tgt Ion: 43 Resp: 341801

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 47.186 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY015440.D

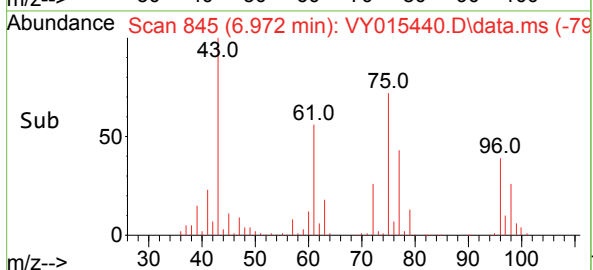
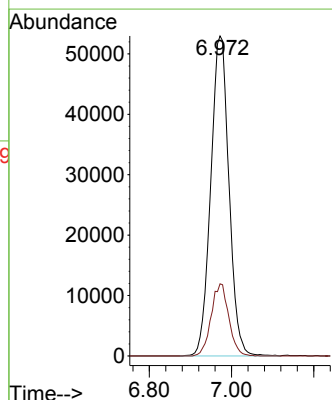
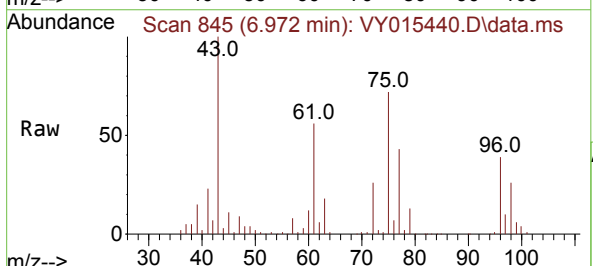
Acq: 05 Sep 2023 19:03

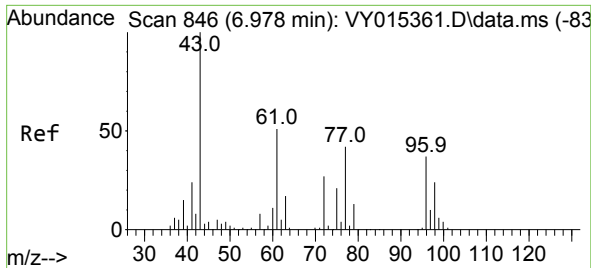
Tgt Ion: 77 Resp: 162829

Ion Ratio Lower Upper

77 100

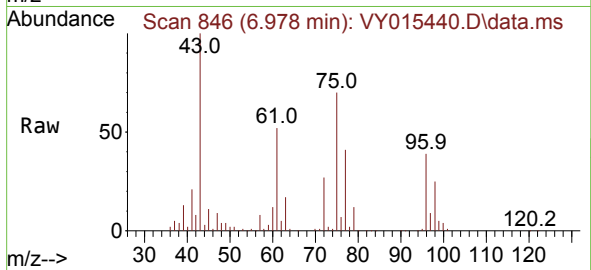
97 21.8 10.9 32.9



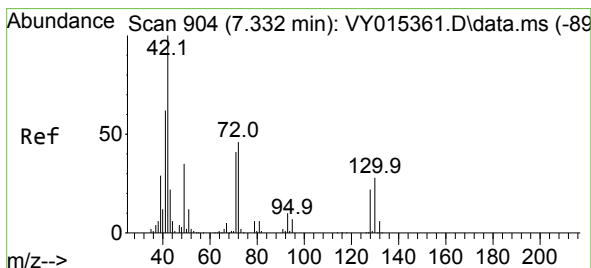
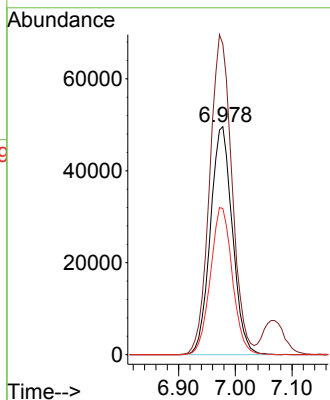
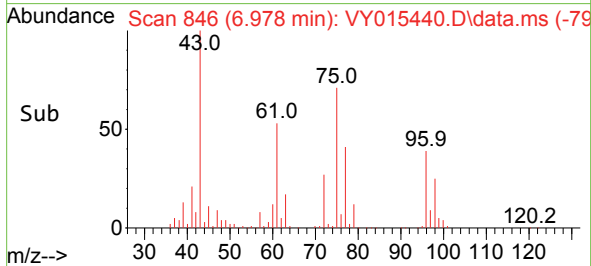


#27
cis-1,2-Dichloroethene
Concen: 50.867 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :

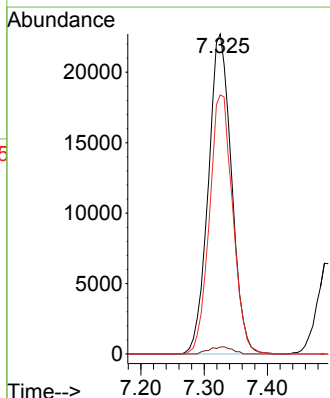
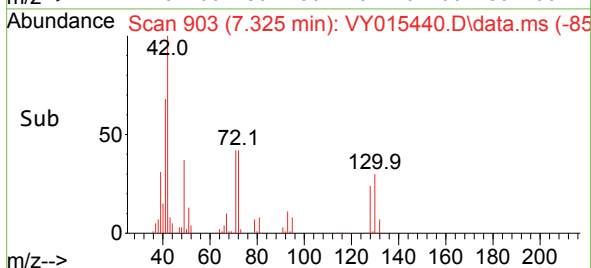
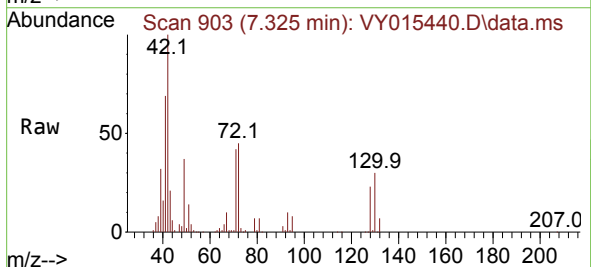


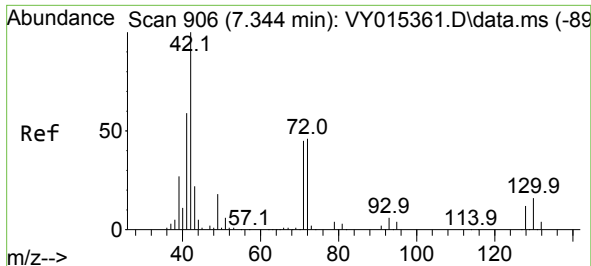
Tgt Ion: 96 Resp: 134121
Ion Ratio Lower Upper
96 100
61 141.7 0.0 301.4
98 64.1 0.0 130.4



#28
Bromochloromethane
Concen: 46.398 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 49 Resp: 57809
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 81.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 281.776 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

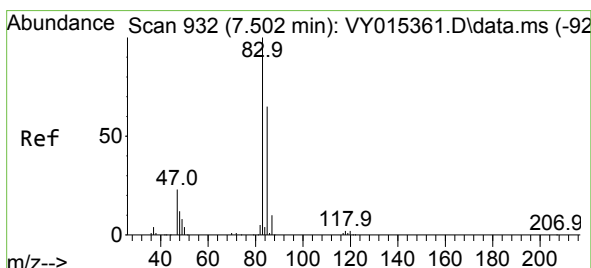
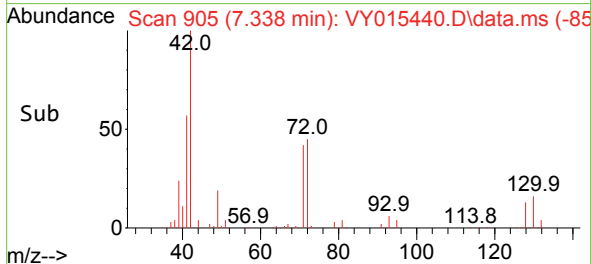
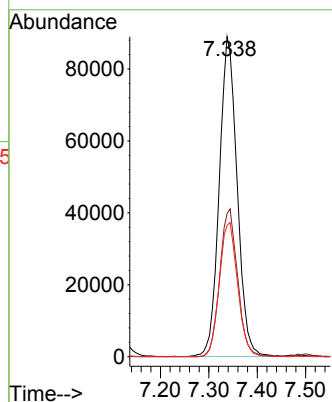
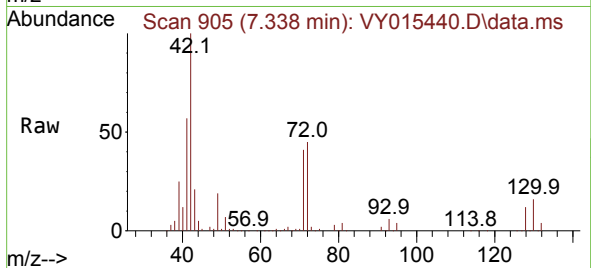
Tgt Ion: 42 Resp: 228007

Ion Ratio Lower Upper

42 100

72 46.2 32.8 49.2

71 42.8 31.0 46.4



#30

Chloroform

Concen: 50.466 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY015440.D

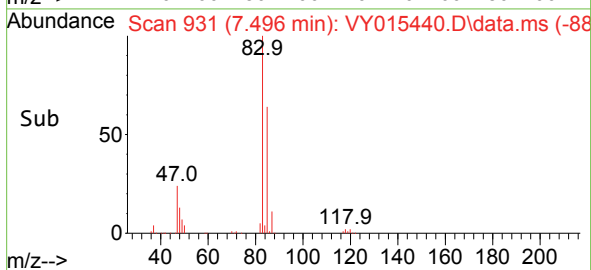
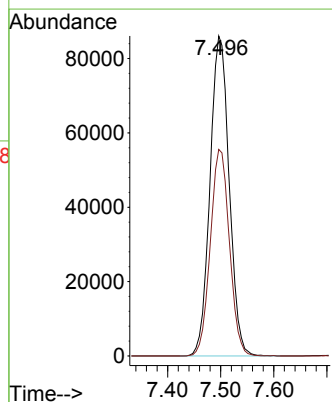
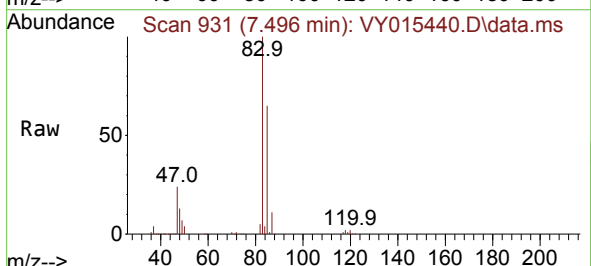
Acq: 05 Sep 2023 19:03

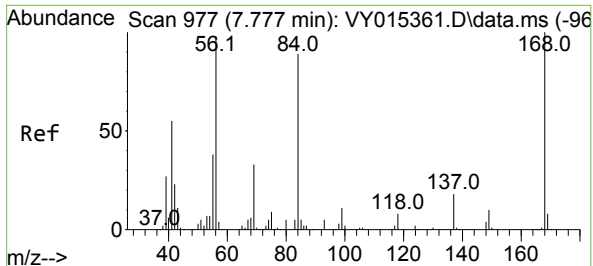
Tgt Ion: 83 Resp: 215542

Ion Ratio Lower Upper

83 100

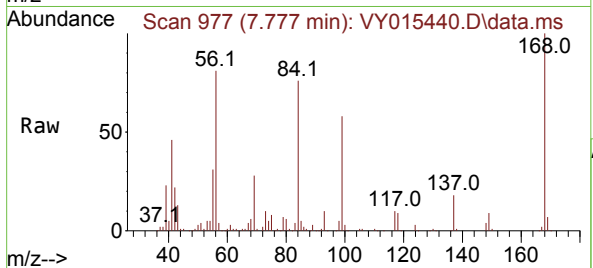
85 64.5 49.7 74.5



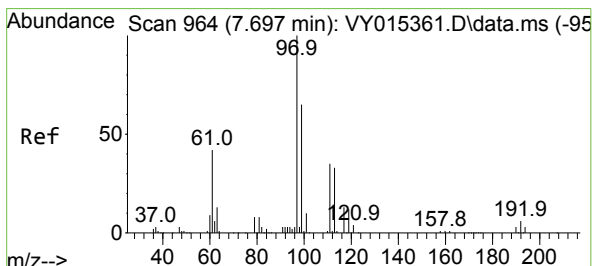
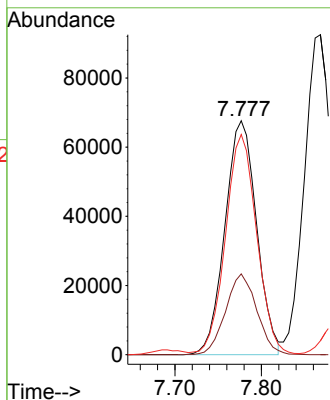
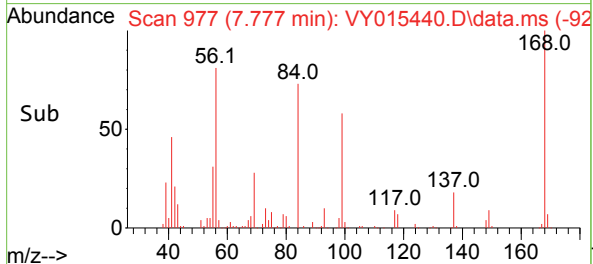


#31
Cyclohexane
Concen: 44.437 ug/l
RT: 7.777 min Scan# 917
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :

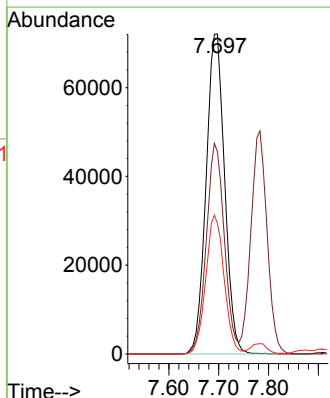
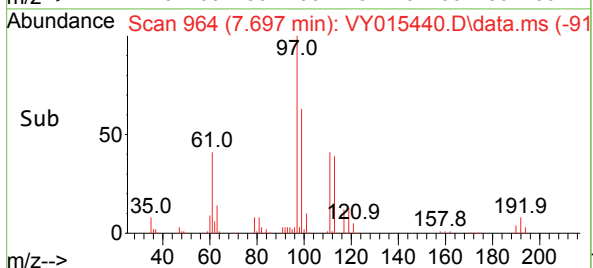
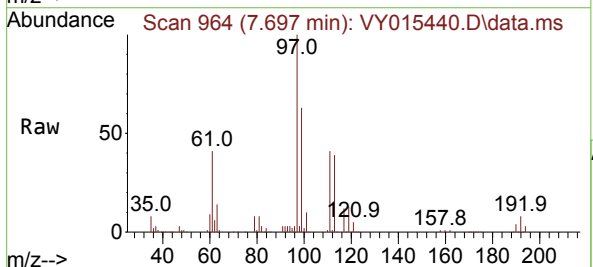


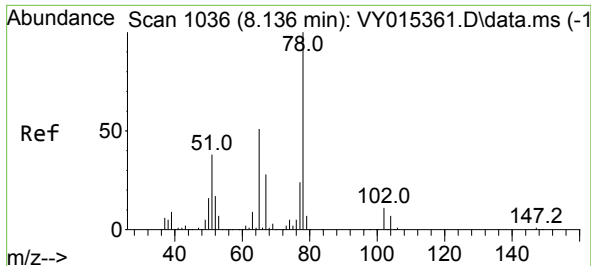
Tgt Ion: 56 Resp: 171810
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.6
84 92.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.784 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 97 Resp: 186107
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.9 35.1 52.7

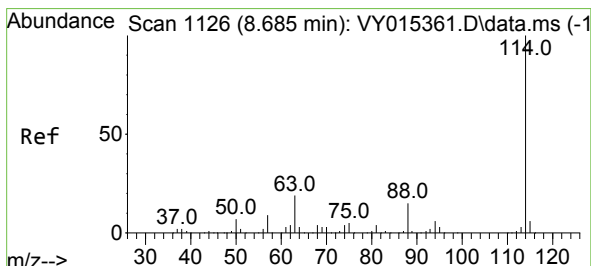
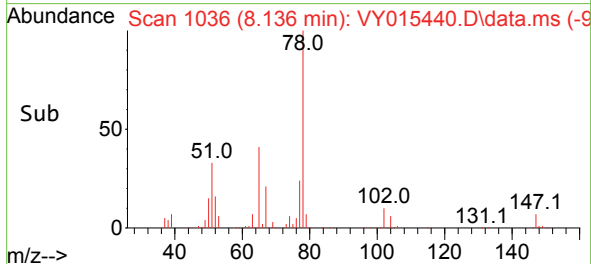
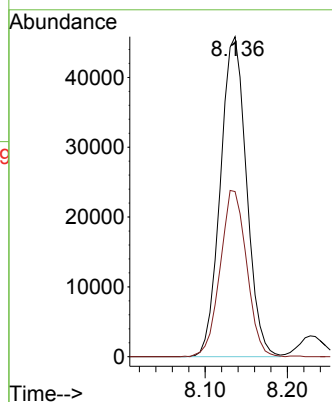
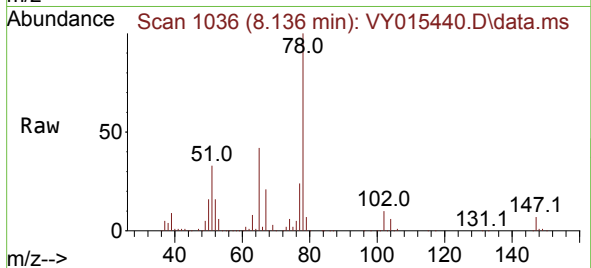




#33
 1,2-Dichloroethane-d4
 Concen: 46.484 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

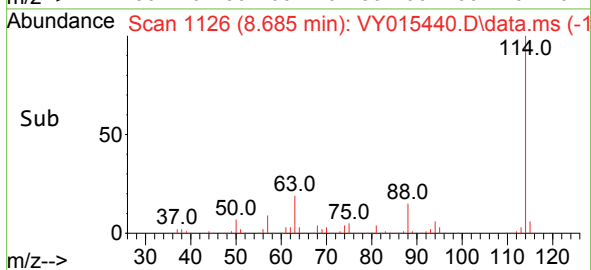
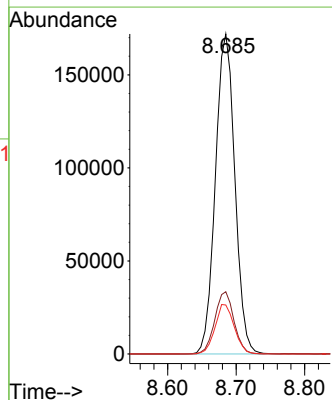
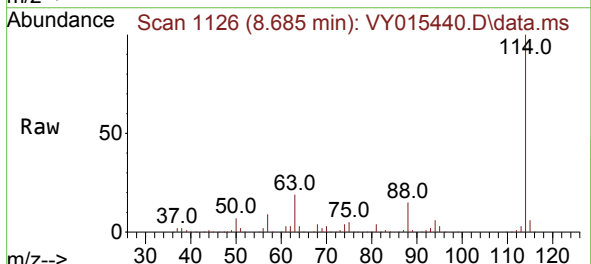
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 101176
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

Tgt Ion: 114 Resp: 338182
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.4
 88 15.3 0.0 30.6

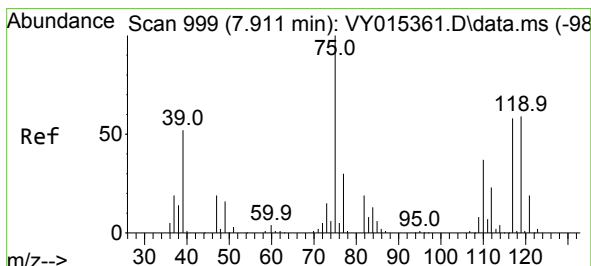
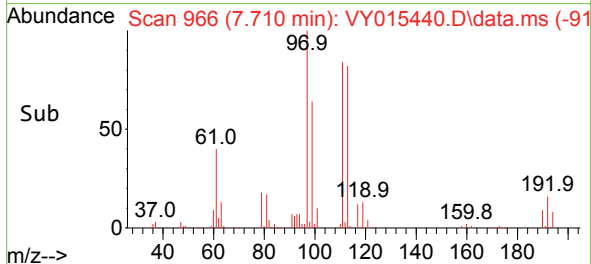
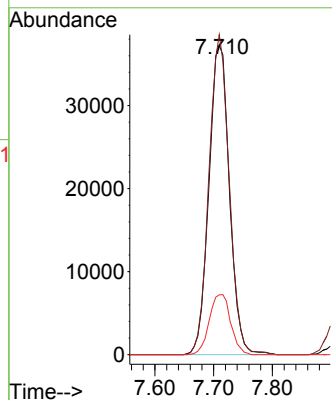
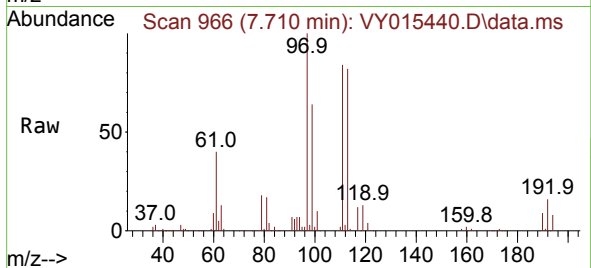




#35
Dibromofluoromethane
Concen: 46.464 ug/l
RT: 7.710 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

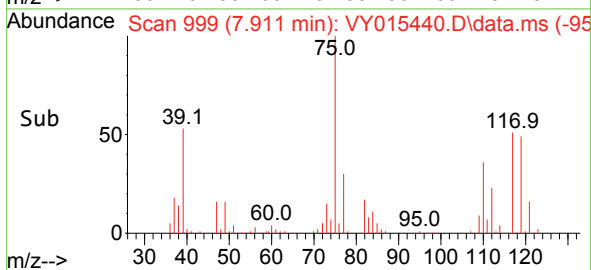
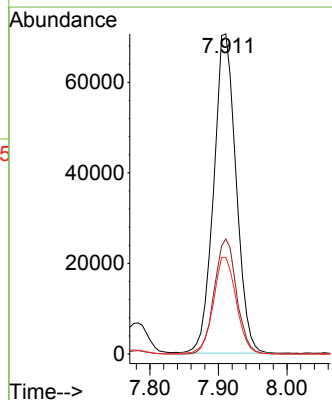
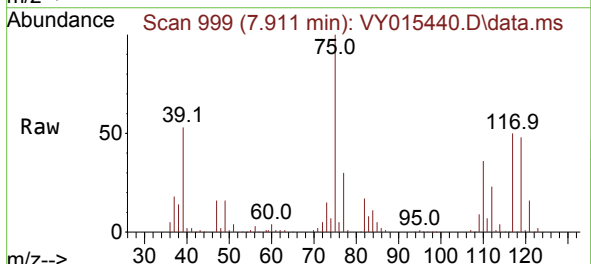
Instrument :
MSVOA_Y
ClientSampleId :

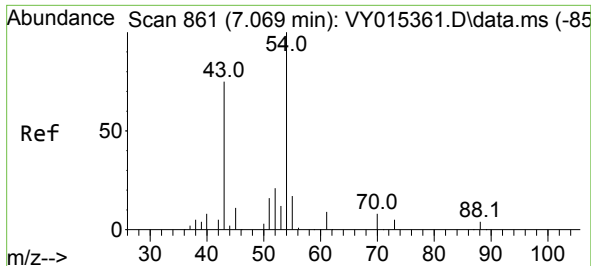
Tgt Ion:113 Resp: 90505
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.738 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 75 Resp: 159854
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 53.712 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

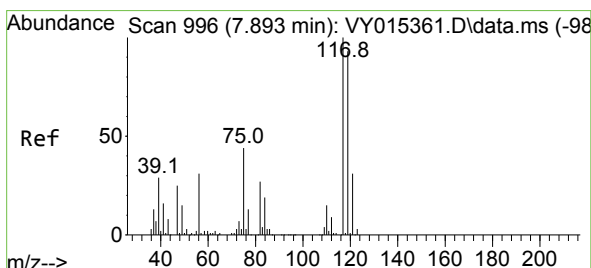
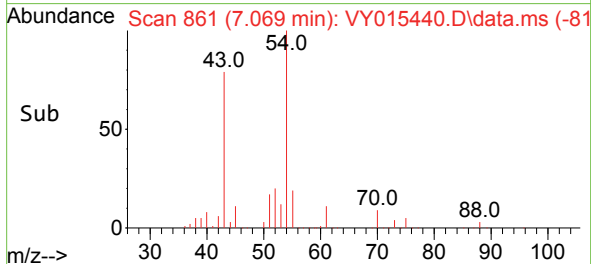
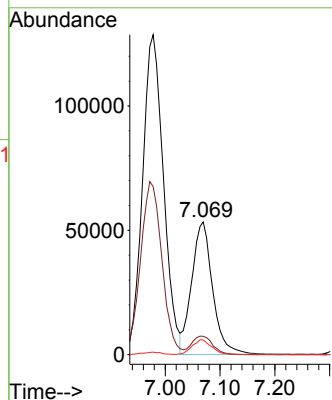
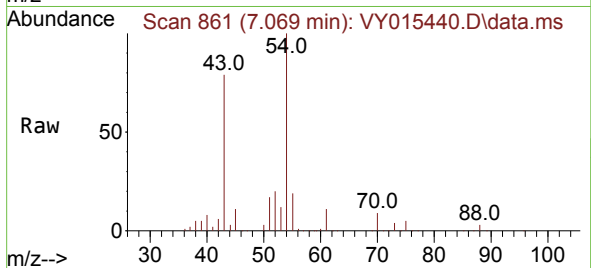
Tgt Ion: 43 Resp: 141683

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 47.193 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

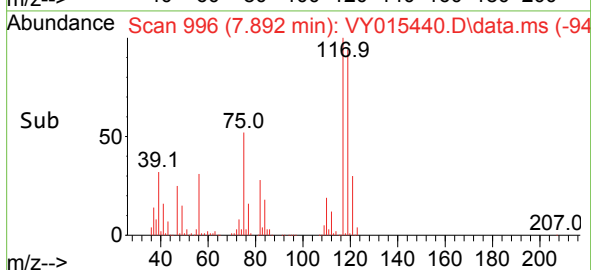
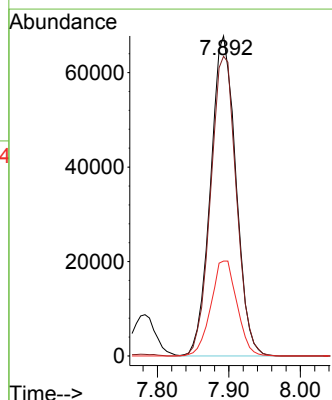
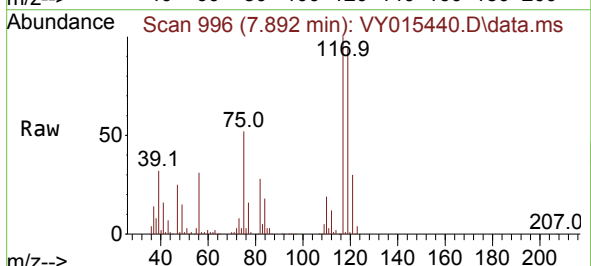
Tgt Ion: 117 Resp: 166706

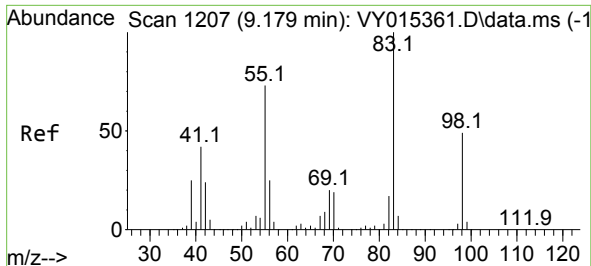
Ion Ratio Lower Upper

117 100

119 93.7 76.4 114.6

121 29.6 25.8 38.6

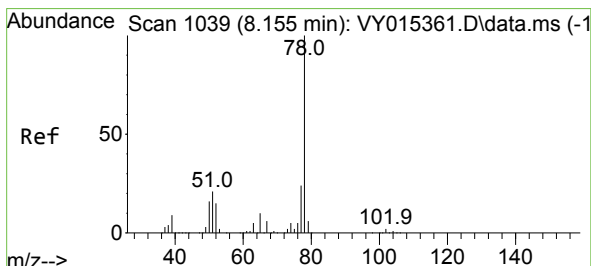
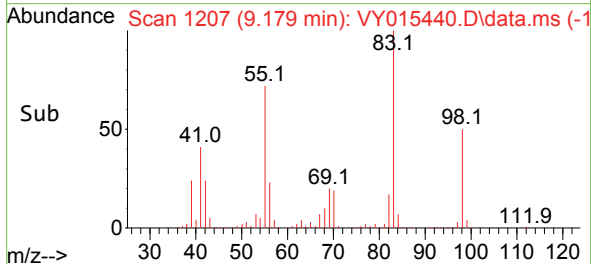
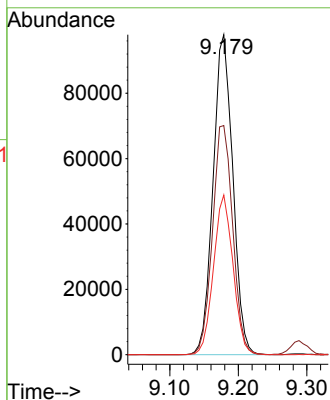
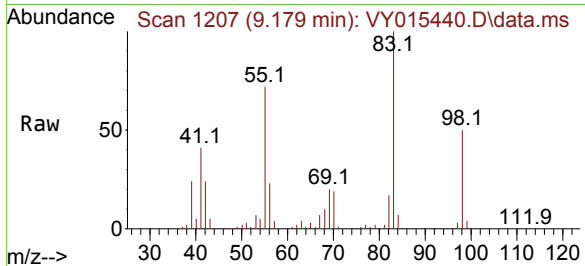




#39
Methylcyclohexane
Concen: 45.355 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

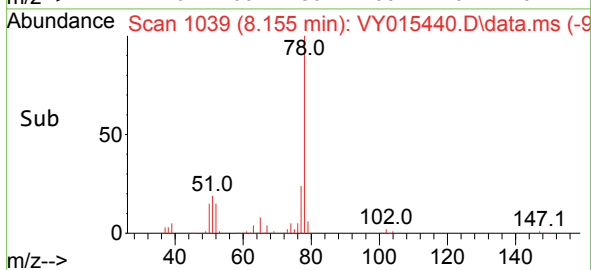
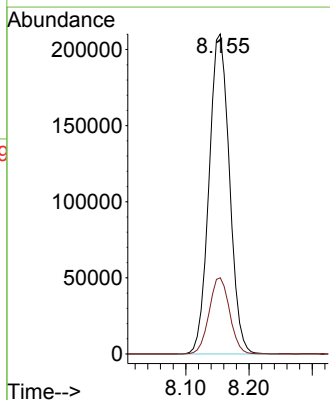
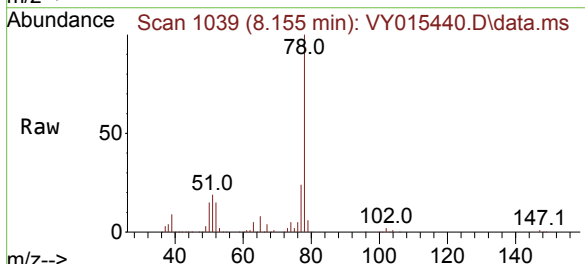
Instrument :
MSVOA_Y
ClientSampleId :

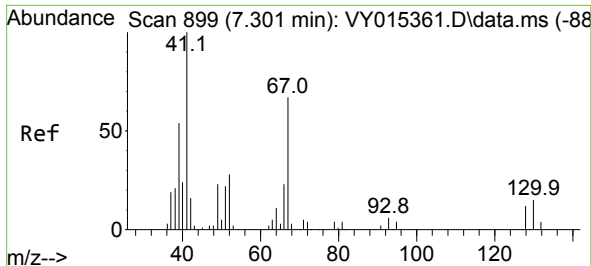
Tgt Ion: 83 Resp: 195292
Ion Ratio Lower Upper
83 100
55 71.6 63.0 94.4
98 49.9 37.4 56.2



#40
Benzene
Concen: 49.289 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

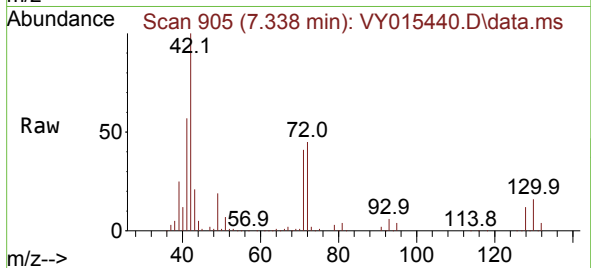
Tgt Ion: 78 Resp: 470332
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



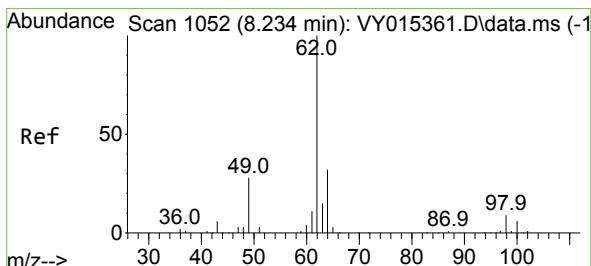
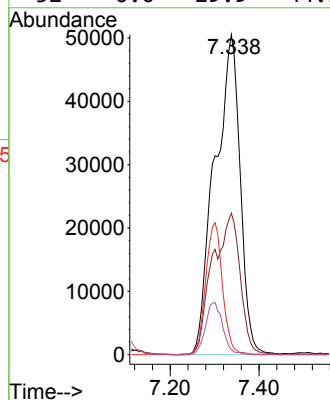
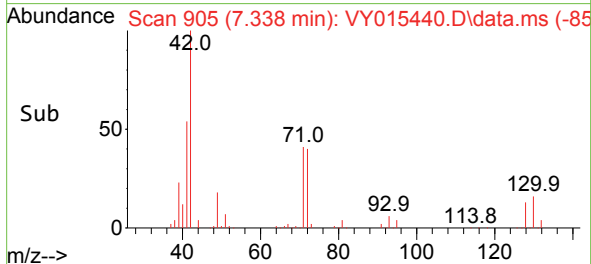


#41
Methacrylonitrile
Concen: 161.406 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :

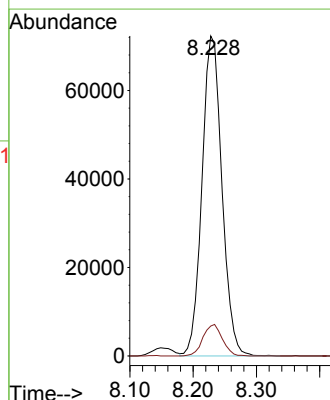
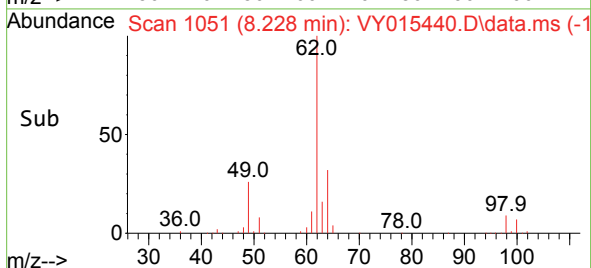
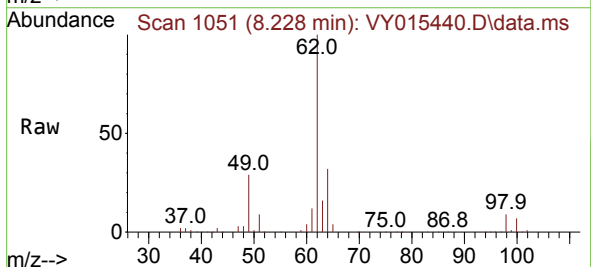


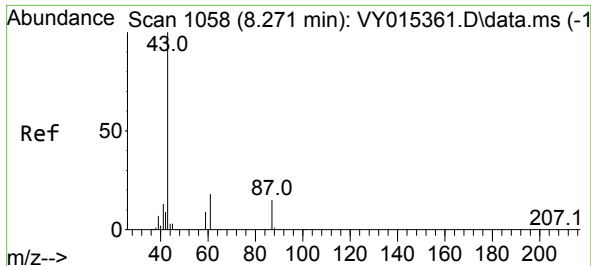
Tgt Ion: 41 Resp: 199657
Ion Ratio Lower Upper
41 100
39 28.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.919 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

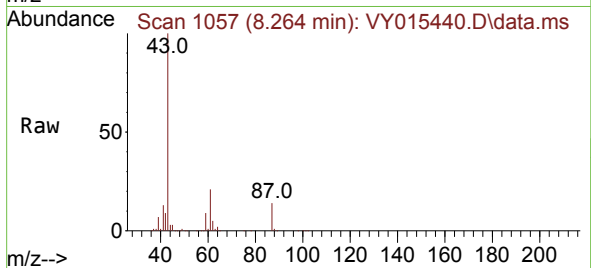
Tgt Ion: 62 Resp: 158840
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8



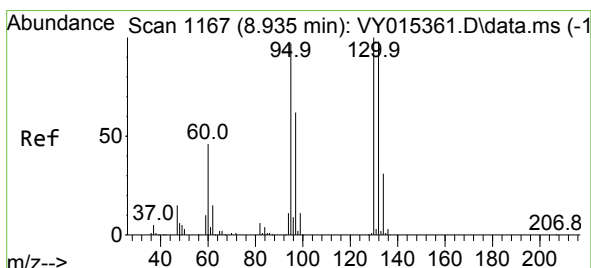
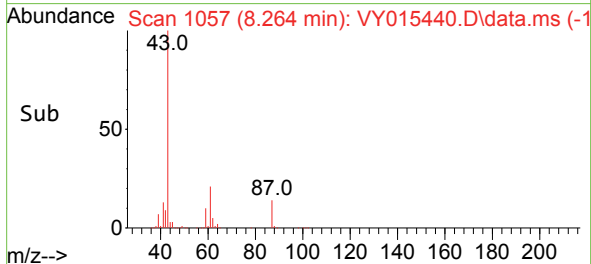
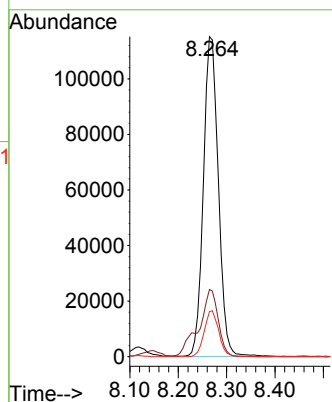


#43
Isopropyl Acetate
Concen: 54.270 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :

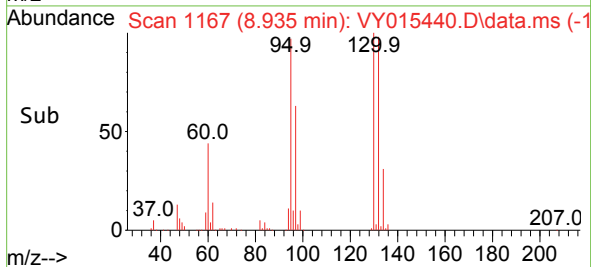
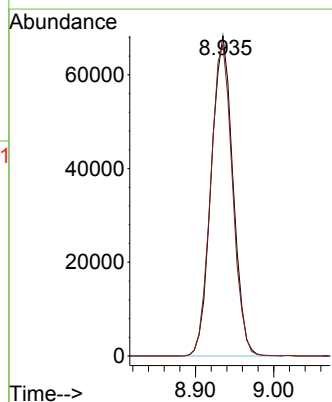
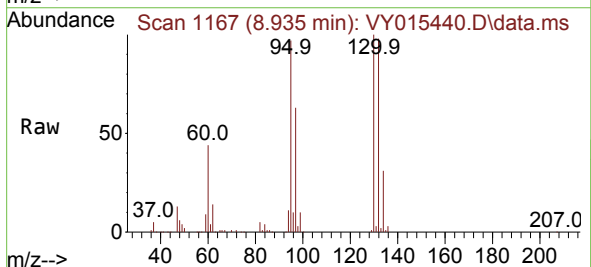


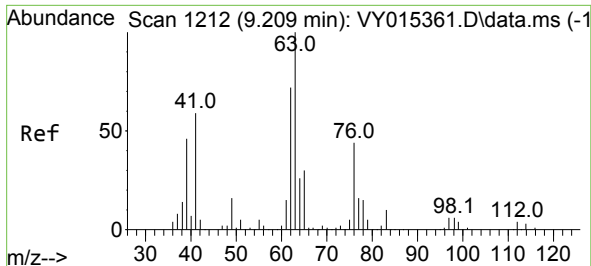
Tgt Ion: 43 Resp: 247548
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 48.629 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion:130 Resp: 131292
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.0

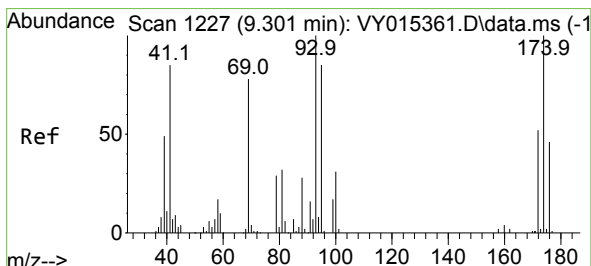
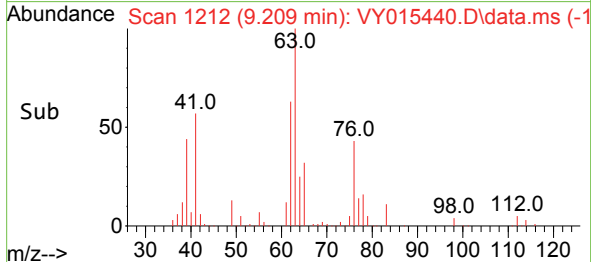
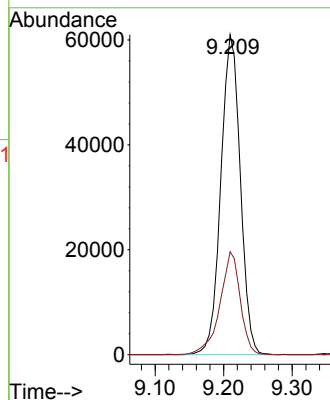
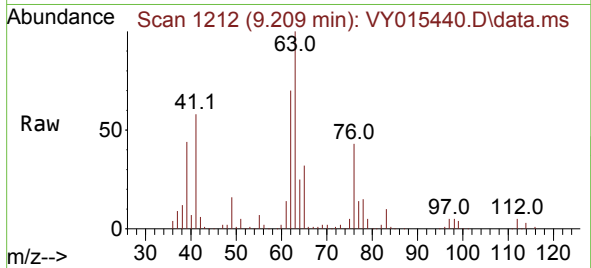




#45
1,2-Dichloropropane
Concen: 49.849 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

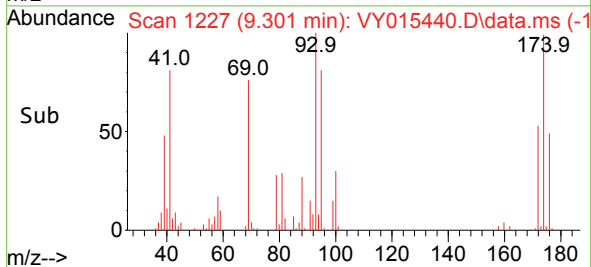
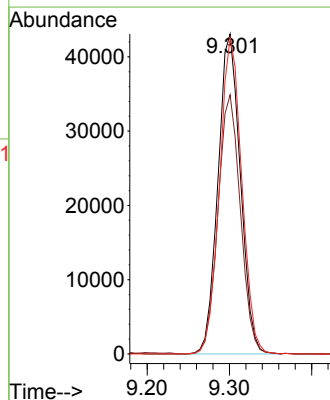
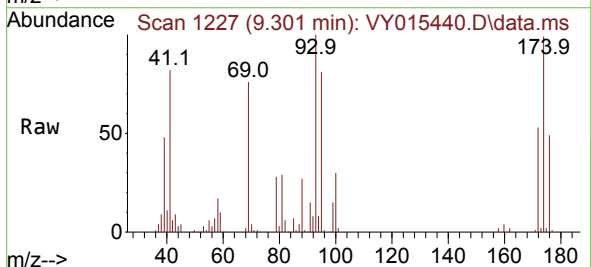
Instrument :
MSVOA_Y
ClientSampleId :

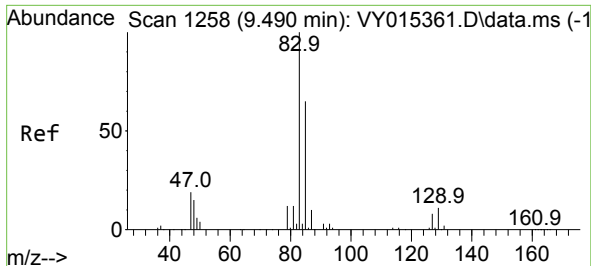
Tgt Ion: 63 Resp: 119914
Ion Ratio Lower Upper
63 100
65 32.2 23.8 35.6



#46
Dibromomethane
Concen: 50.938 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

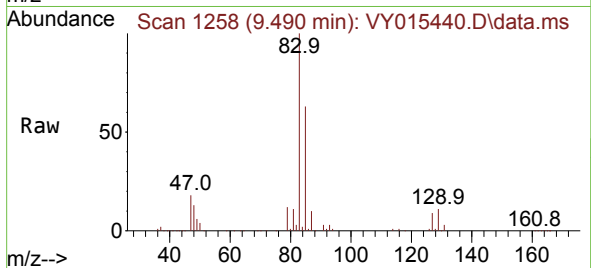
Tgt Ion: 93 Resp: 81393
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 98.3 84.8 127.2



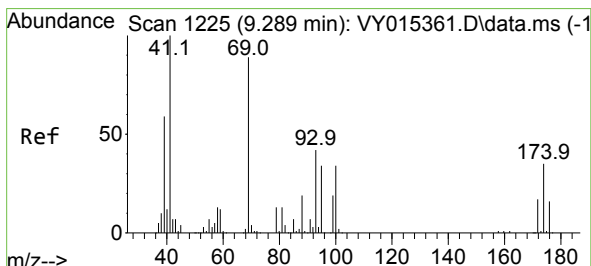
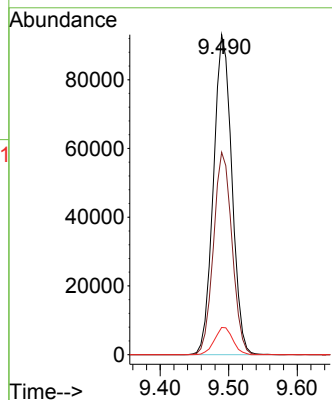
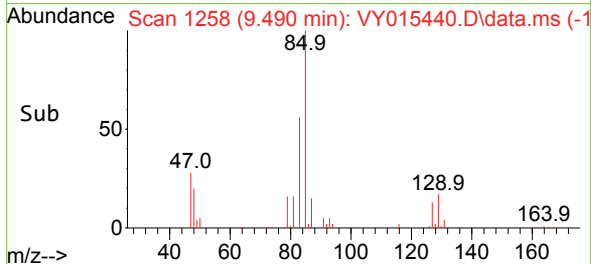


#47
Bromodichloromethane
Concen: 50.669 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :

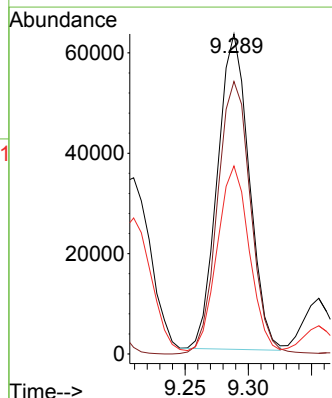
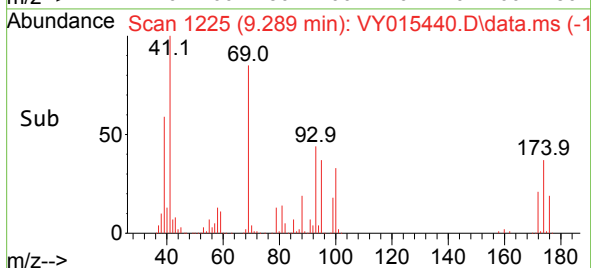
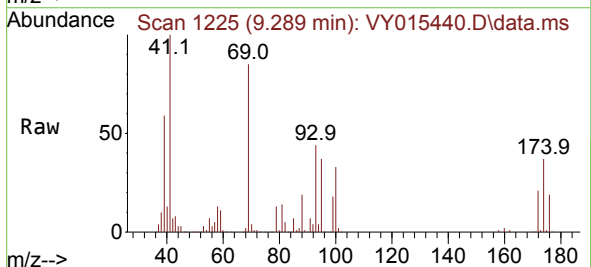


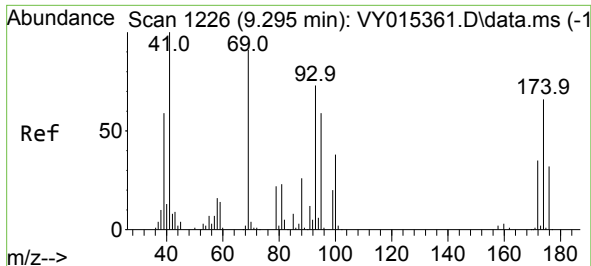
Tgt Ion: 83 Resp: 173144
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 52.276 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 41 Resp: 109404
Ion Ratio Lower Upper
41 100
69 90.4 64.5 96.7
39 59.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1111.214 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

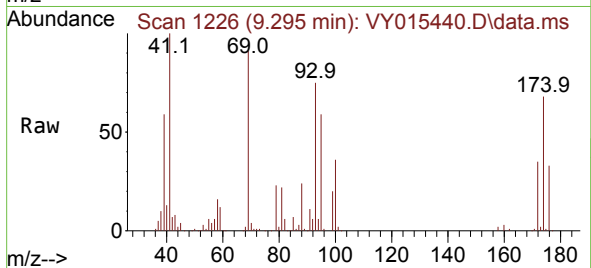
Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :



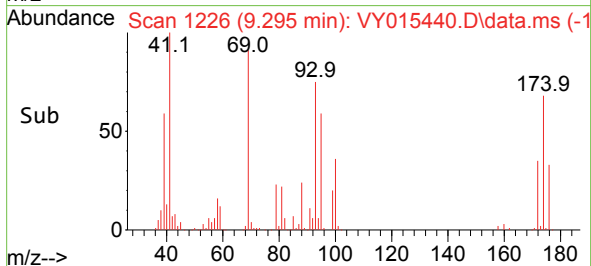
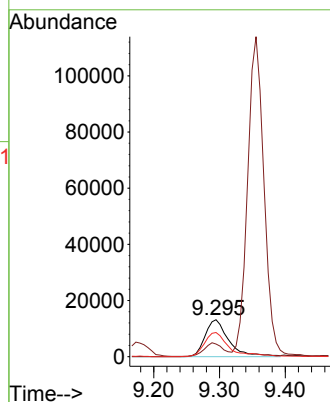
Tgt Ion: 88 Resp: 32981

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

58 69.7 30.9 46.3#



#50

Toluene-d8

Concen: 45.091 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015440.D

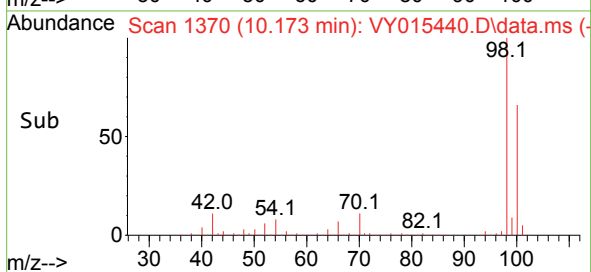
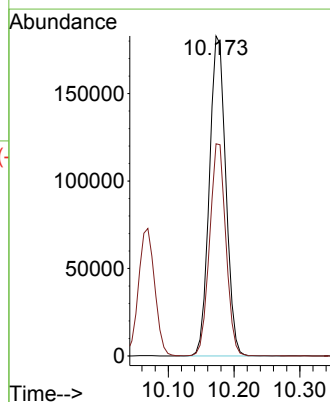
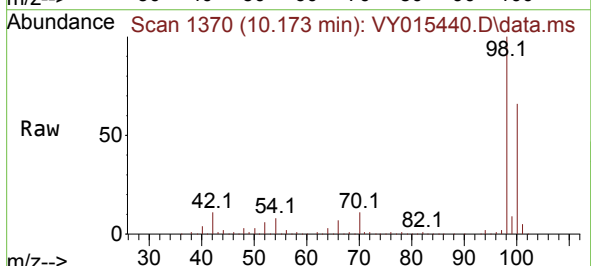
Acq: 05 Sep 2023 19:03

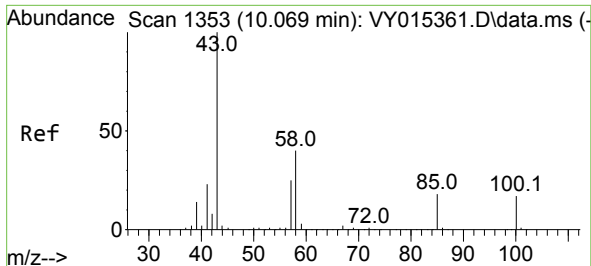
Tgt Ion: 98 Resp: 318066

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 280.702 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

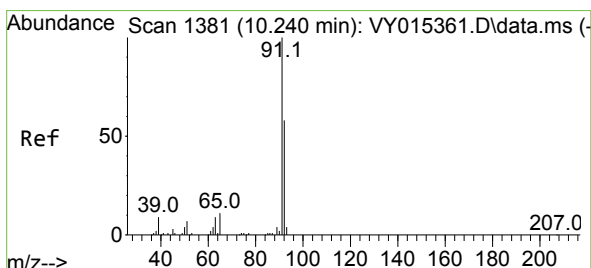
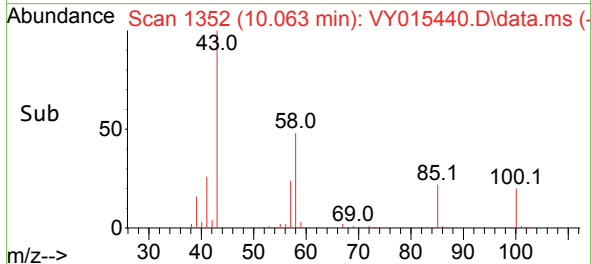
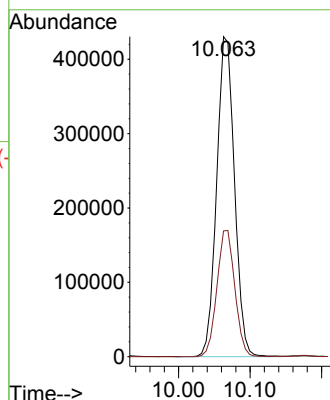
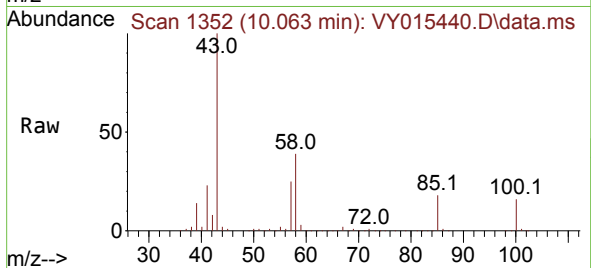
ClientSampleId :

Tgt Ion: 43 Resp: 744196

Ion Ratio Lower Upper

43 100

58 39.8 29.0 43.6



#52

Toluene

Concen: 49.474 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY015440.D

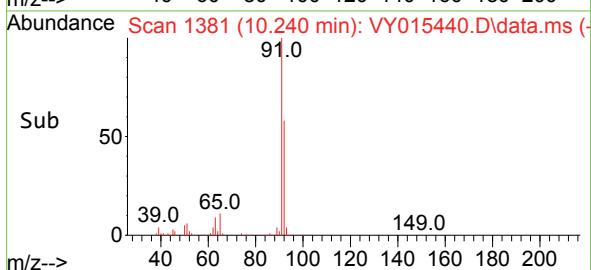
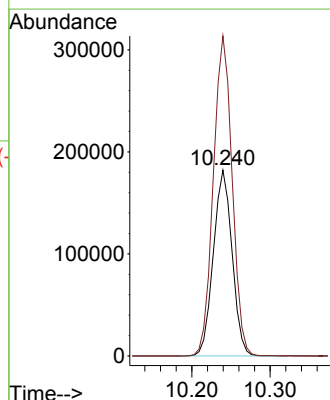
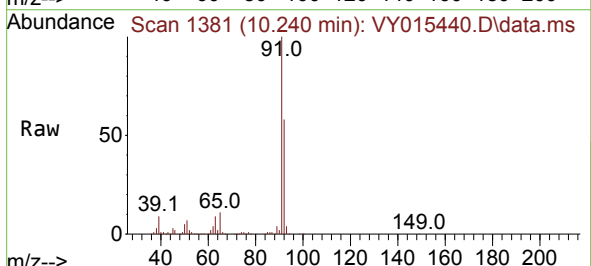
Acq: 05 Sep 2023 19:03

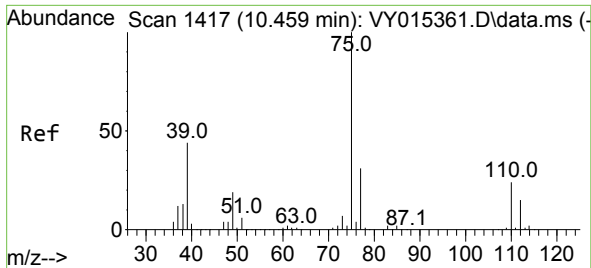
Tgt Ion: 92 Resp: 302587

Ion Ratio Lower Upper

92 100

91 173.3 143.8 215.6

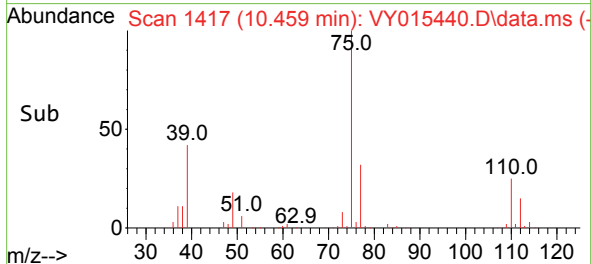
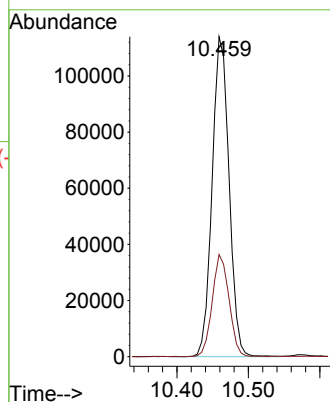
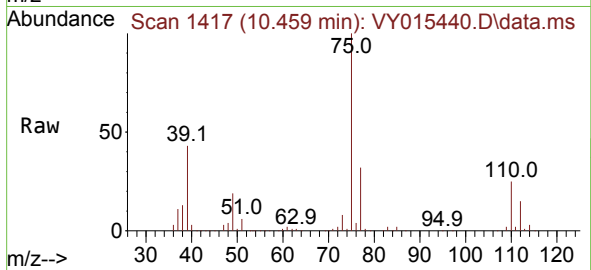




#53
 t-1,3-Dichloropropene
 Concen: 51.564 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

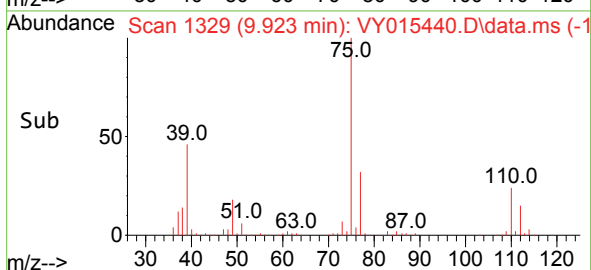
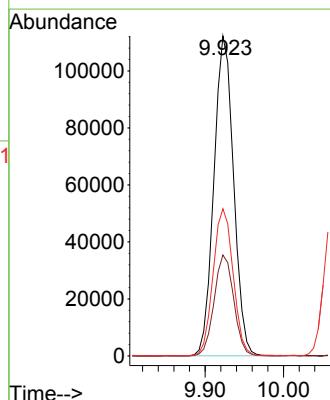
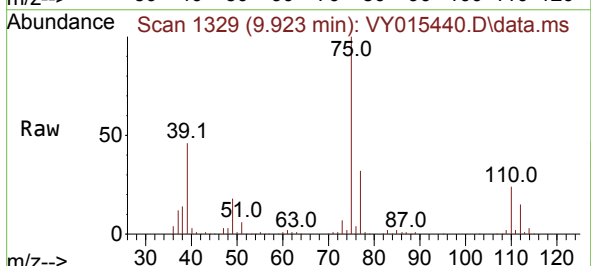
Instrument :
 MSVOA_Y
 ClientSampleId :

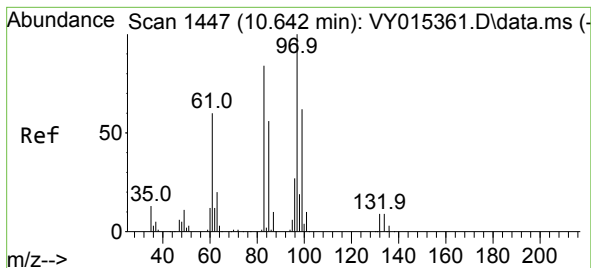
Tgt Ion: 75 Resp: 187258
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.594 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

Tgt Ion: 75 Resp: 195920
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 45.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 52.070 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

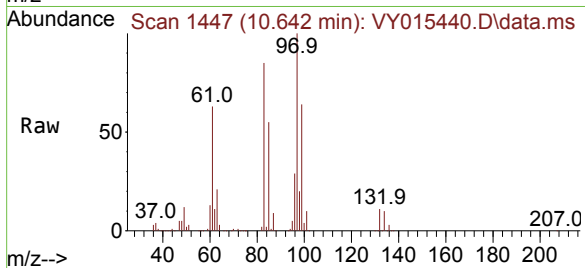
Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 112107

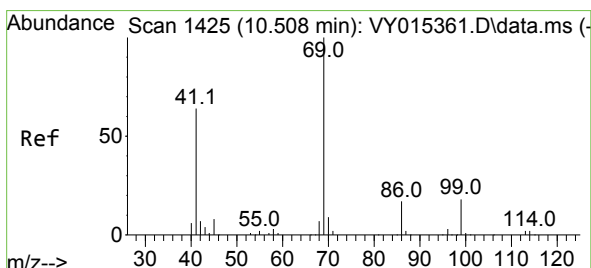
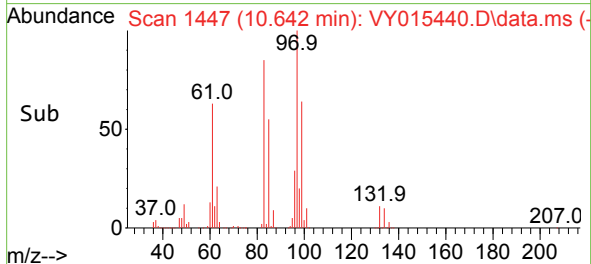
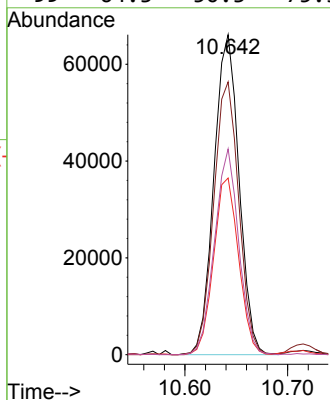
Ion Ratio Lower Upper

97 100

83 85.3 72.0 108.0

85 55.2 45.4 68.0

99 64.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.518 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

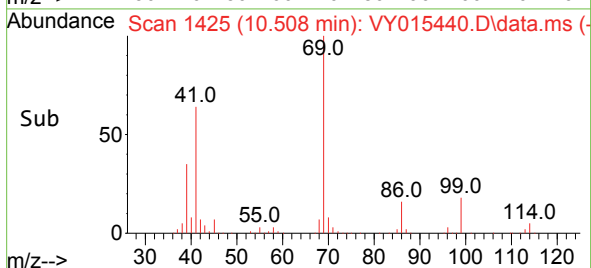
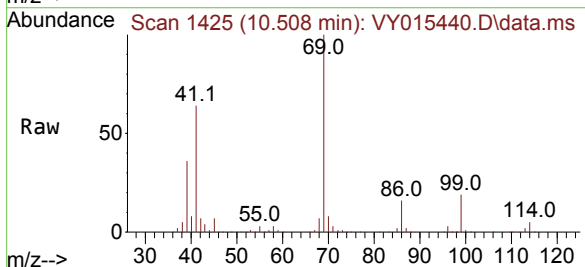
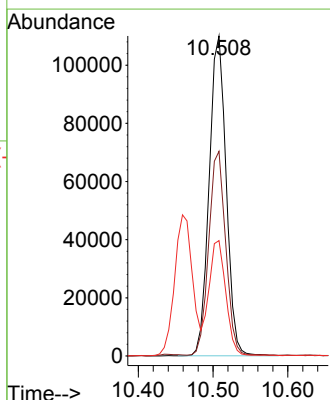
Tgt Ion: 69 Resp: 173941

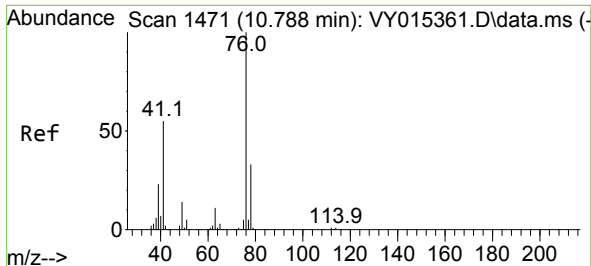
Ion Ratio Lower Upper

69 100

41 63.6 57.6 86.4

39 35.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 51.620 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

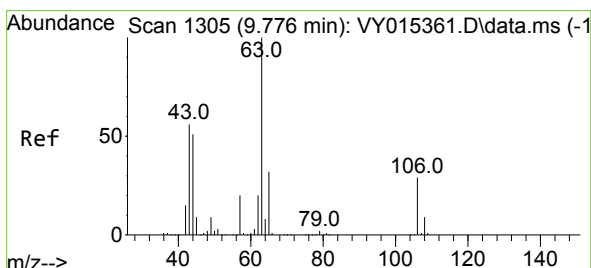
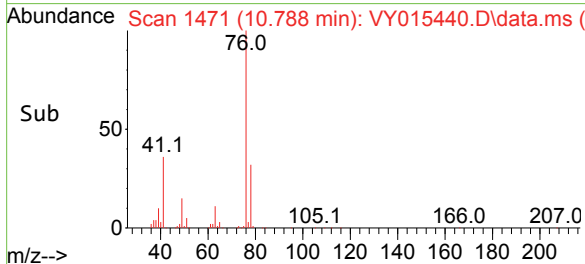
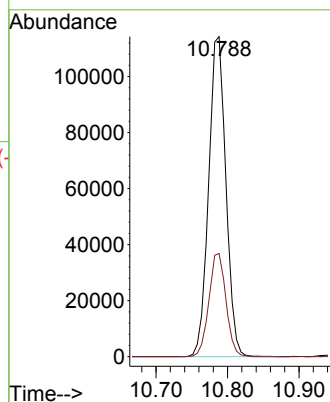
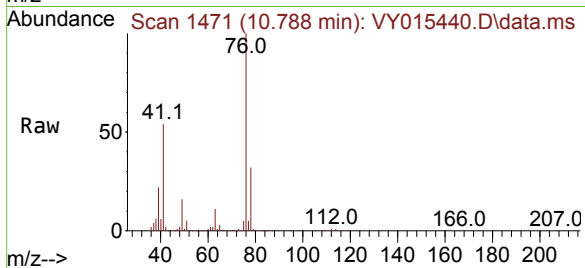
ClientSampleId :

Tgt Ion: 76 Resp: 191311

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 244.274 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY015440.D

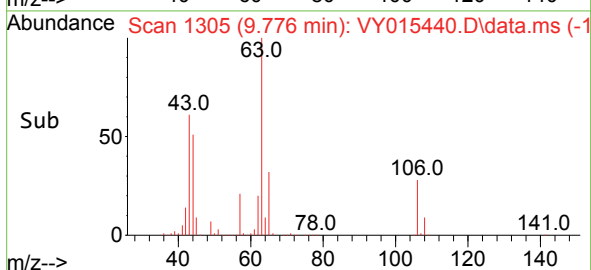
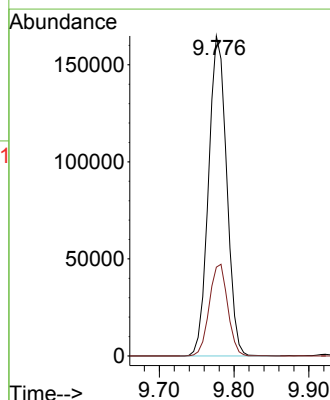
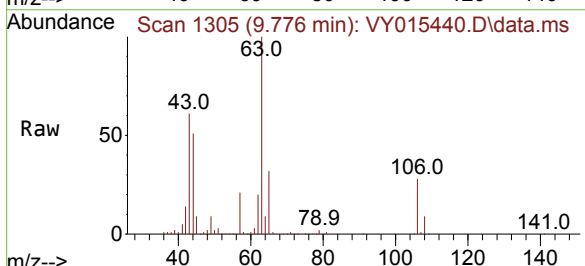
Acq: 05 Sep 2023 19:03

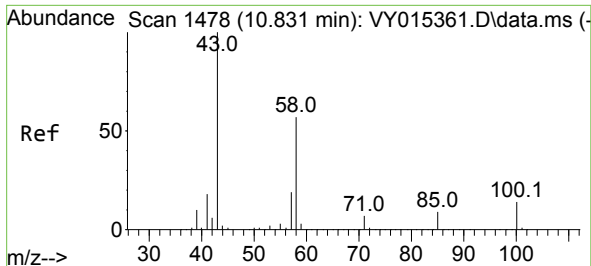
Tgt Ion: 63 Resp: 278184

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

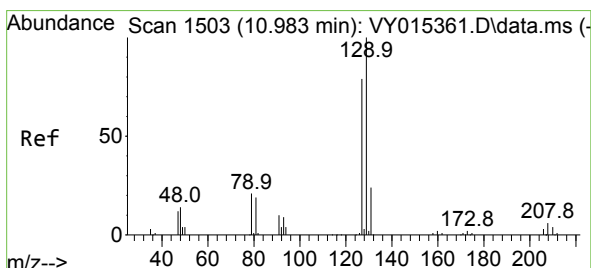
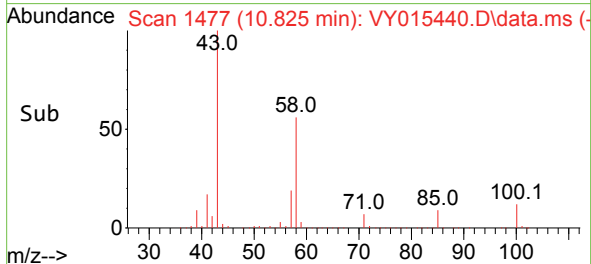
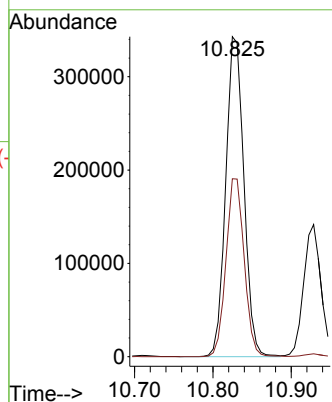
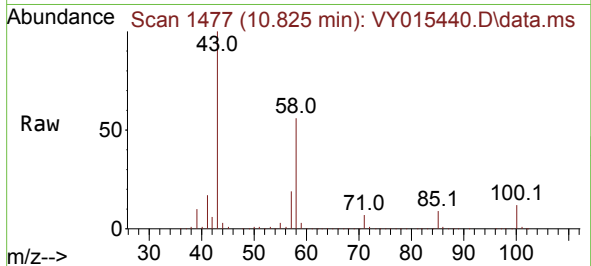




#59
2-Hexanone
Concen: 277.925 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

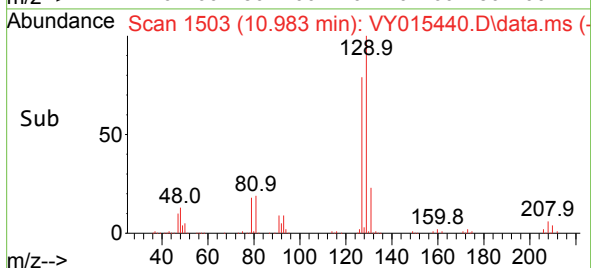
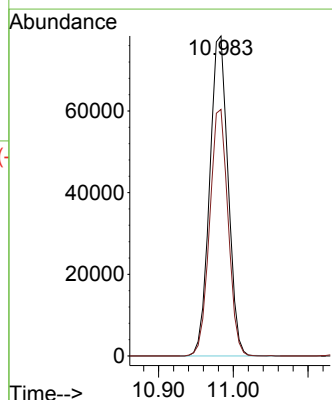
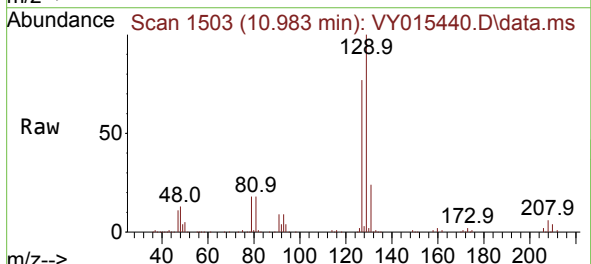
Instrument :
MSVOA_Y
ClientSampleId :

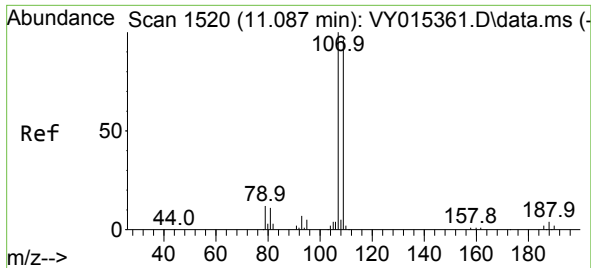
Tgt Ion: 43 Resp: 552882
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 53.188 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 129 Resp: 134033
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

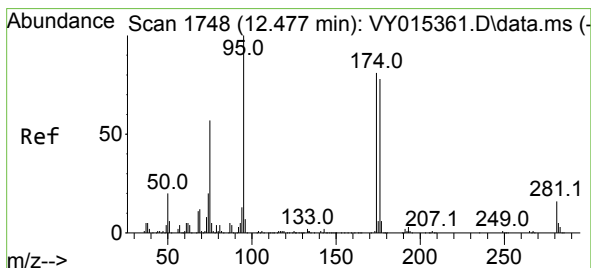
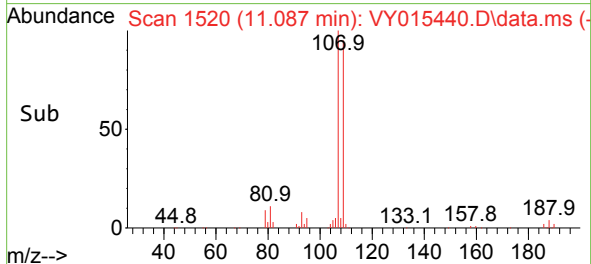
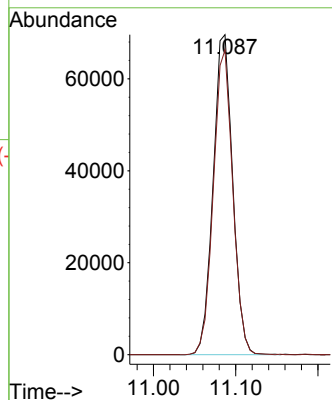
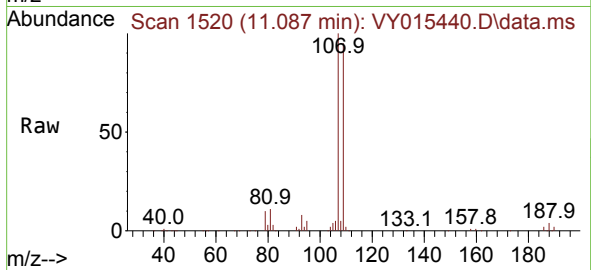




#61
1,2-Dibromoethane
Concen: 52.685 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

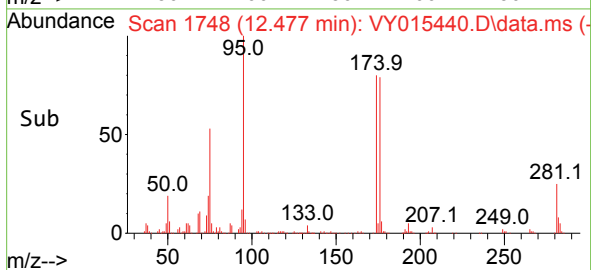
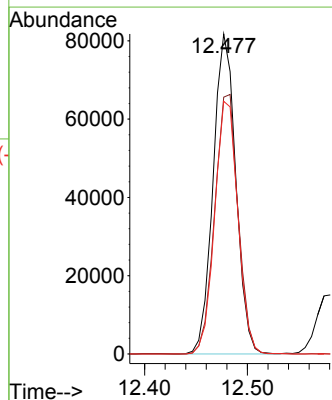
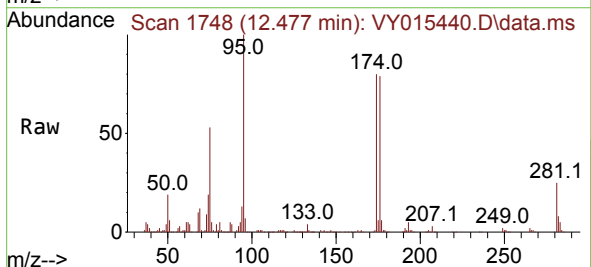
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 114939
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.816 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 95 Resp: 125213
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

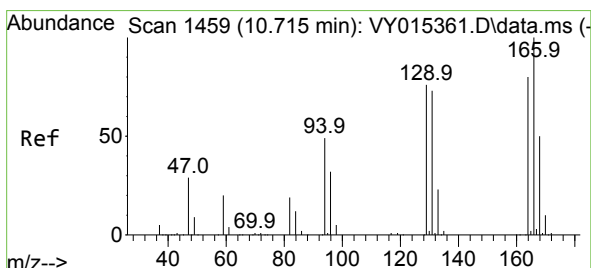
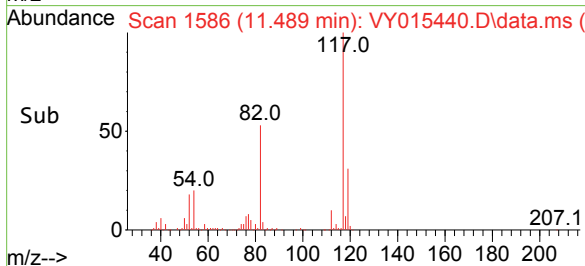
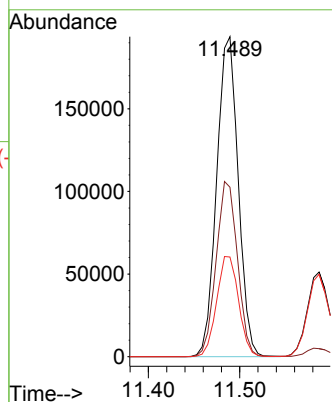
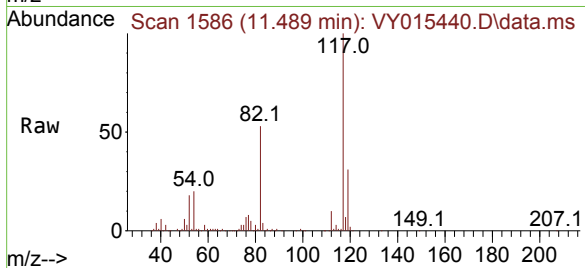
Tgt Ion:117 Resp: 317378

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 31.1 26.3 39.5



#64

Tetrachloroethene

Concen: 52.528 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Tgt Ion:164 Resp: 151320

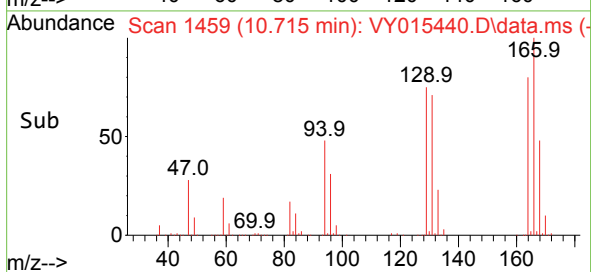
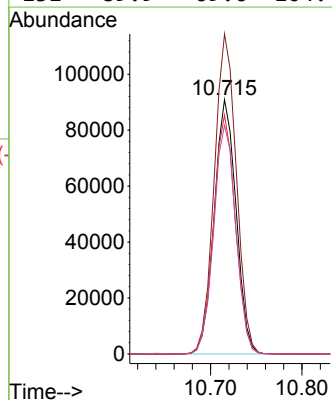
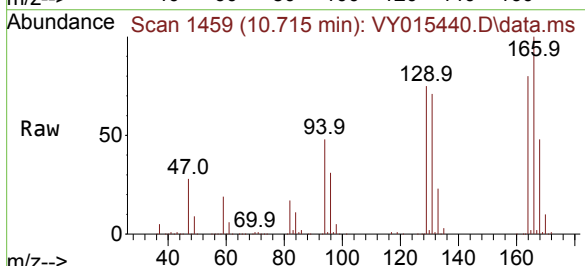
Ion Ratio Lower Upper

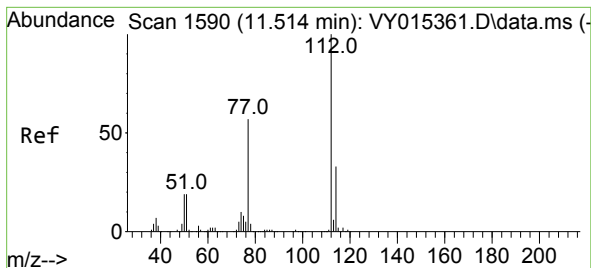
164 100

166 125.8 103.0 154.6

129 93.9 77.2 115.8

131 89.9 69.6 104.4





#65

Chlorobenzene

Concen: 48.508 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

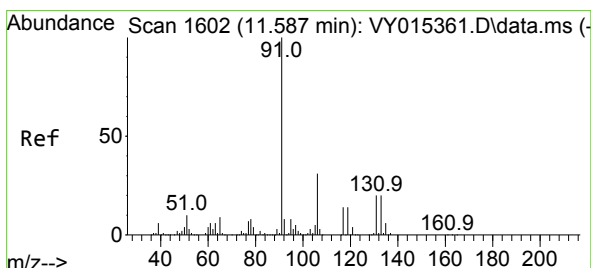
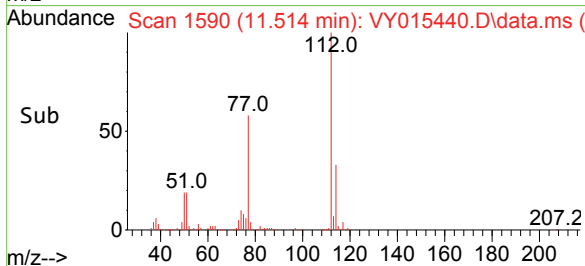
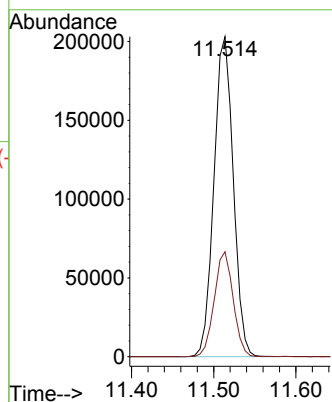
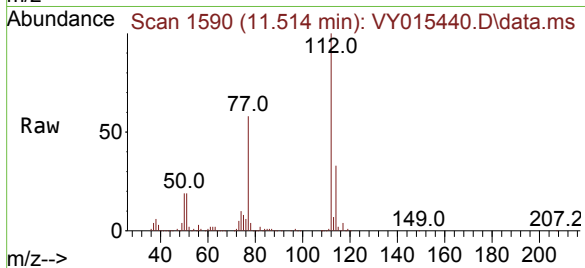
ClientSampleId :

Tgt Ion:112 Resp: 331754

Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.645 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

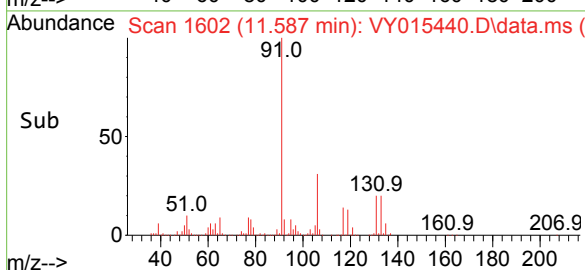
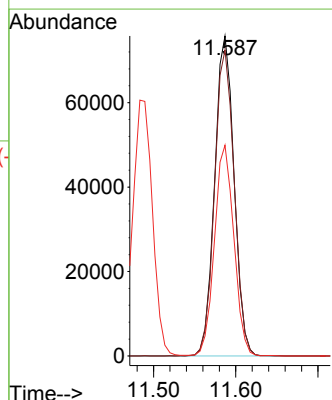
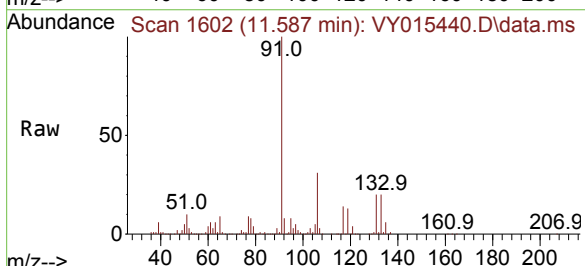
Tgt Ion:131 Resp: 124272

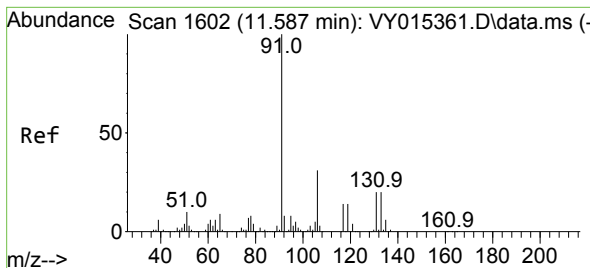
Ion Ratio Lower Upper

131 100

133 97.0 47.5 142.6

119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 47.821 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

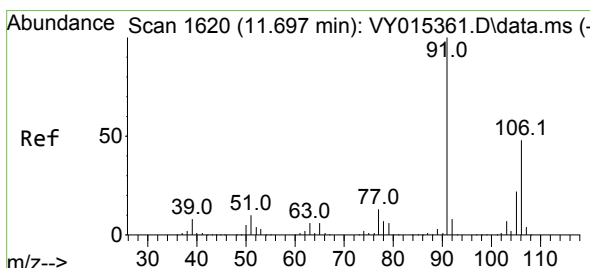
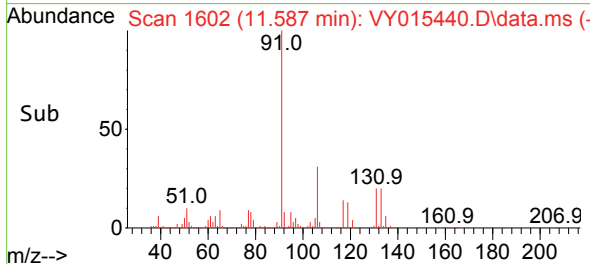
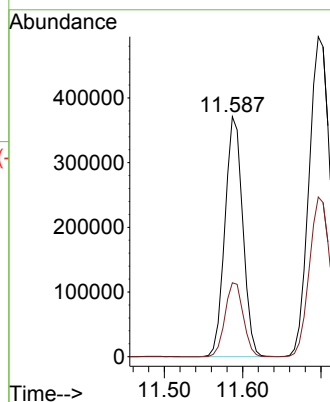
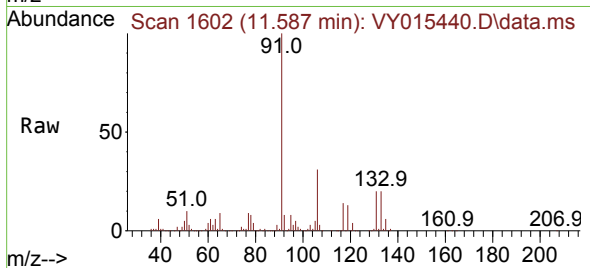
ClientSampleId :

Tgt Ion: 91 Resp: 587263

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 95.585 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015440.D

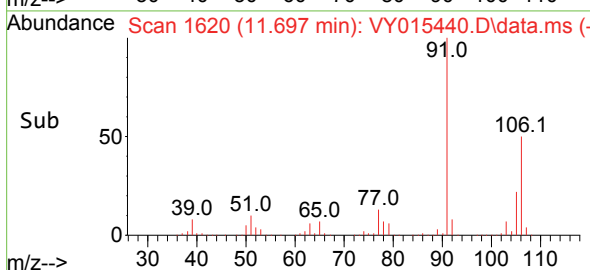
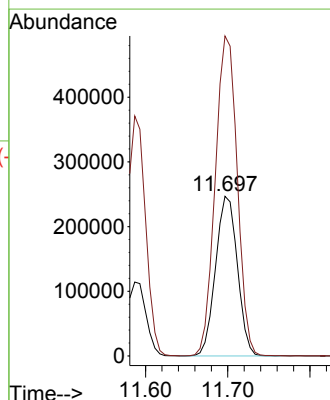
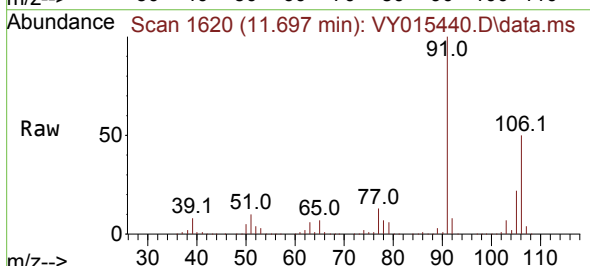
Acq: 05 Sep 2023 19:03

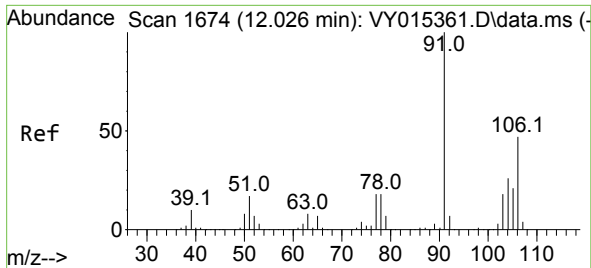
Tgt Ion:106 Resp: 454998

Ion Ratio Lower Upper

106 100

91 202.2 166.1 249.1

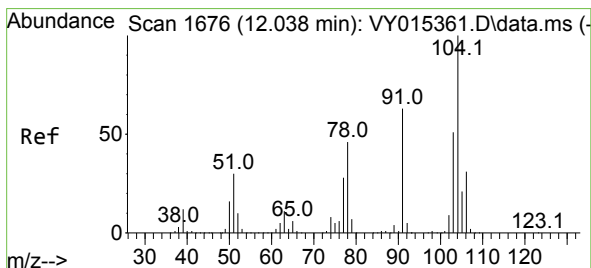
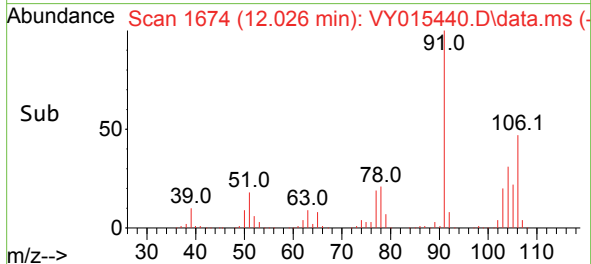
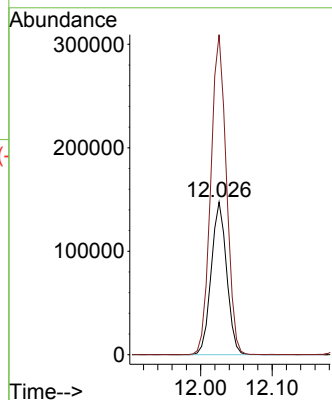
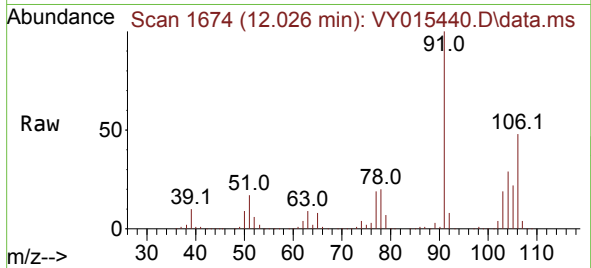




#69
o-Xylene
Concen: 48.637 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

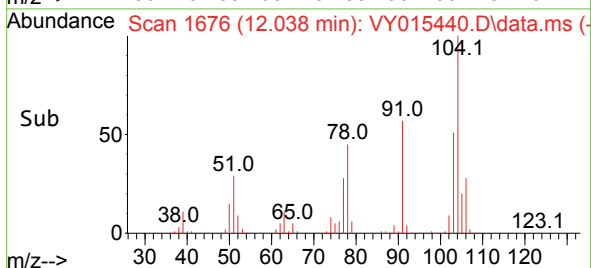
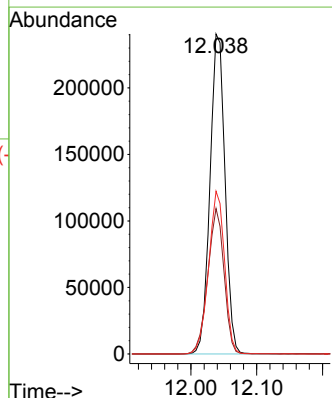
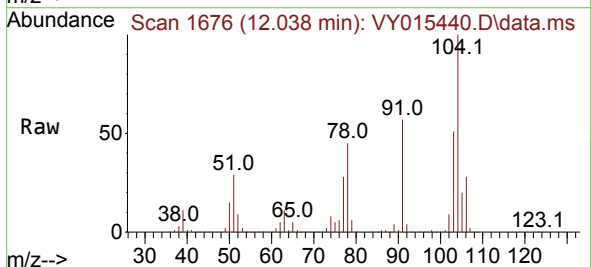
Instrument :
MSVOA_Y
ClientSampleId :

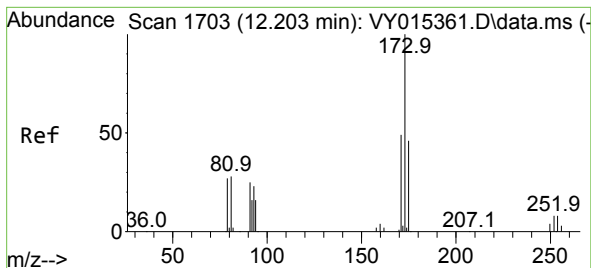
Tgt Ion:106 Resp: 221261
Ion Ratio Lower Upper
106 100
91 212.2 108.1 324.3



#70
Styrene
Concen: 49.989 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion:104 Resp: 382375
Ion Ratio Lower Upper
104 100
78 49.0 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 53.329 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

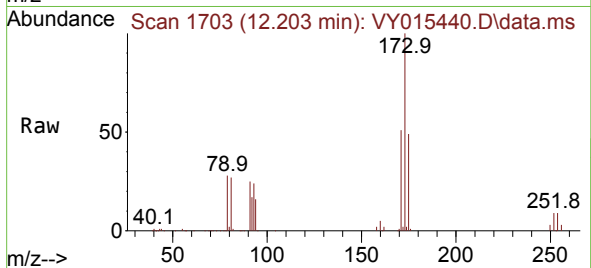
Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

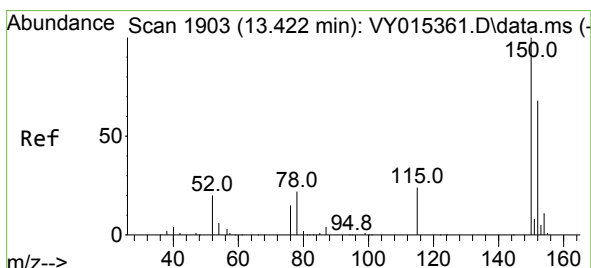
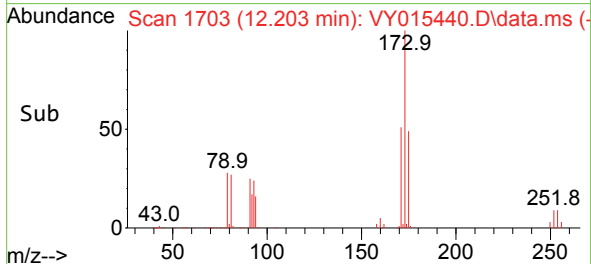
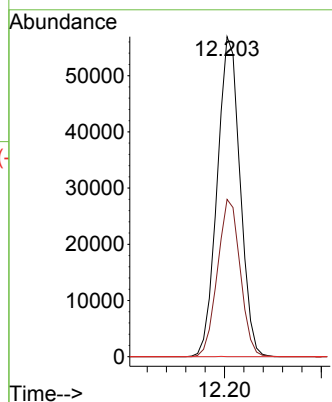
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	93122
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

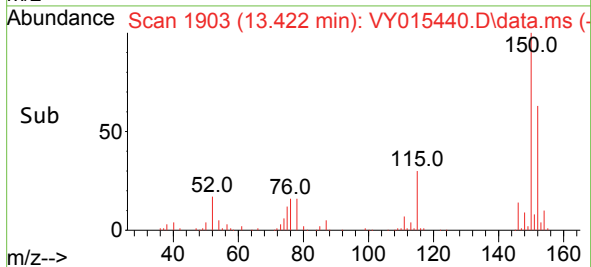
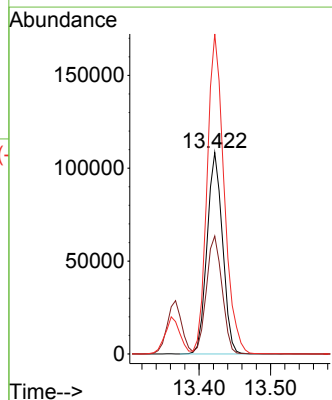
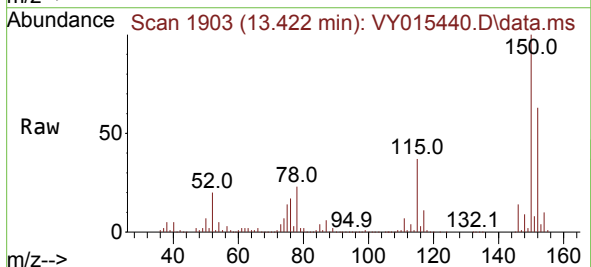
RT: 13.422 min Scan# 1903

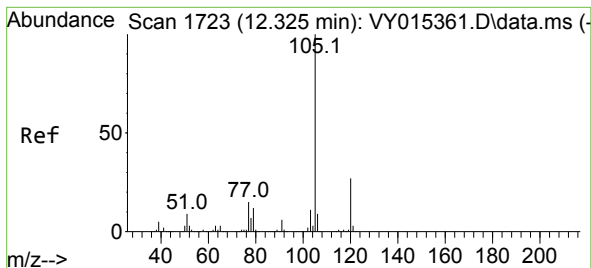
Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Tgt Ion:	152	Resp:	163053
Ion Ratio	Lower	Upper	
152	100		
115	59.2	28.8	86.5
150	174.3	0.0	348.8





#73

Isopropylbenzene

Concen: 46.775 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

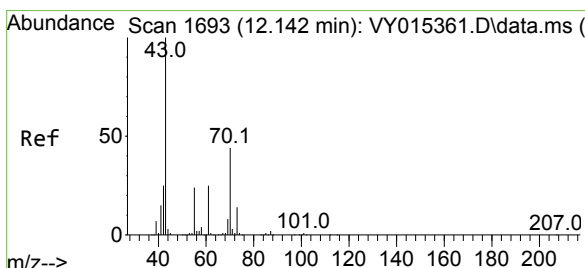
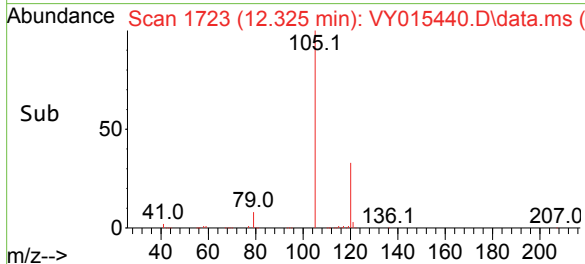
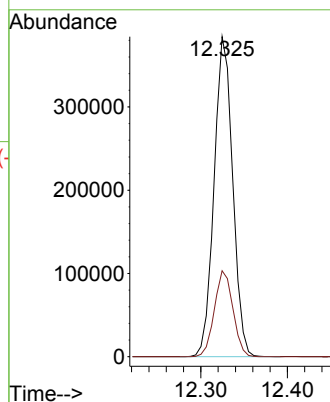
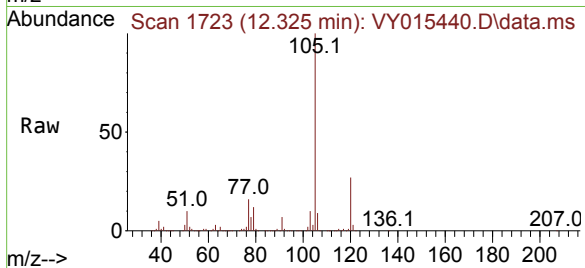
ClientSampleId :

Tgt Ion:105 Resp: 572871

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 53.833 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Tgt Ion: 43 Resp: 221505

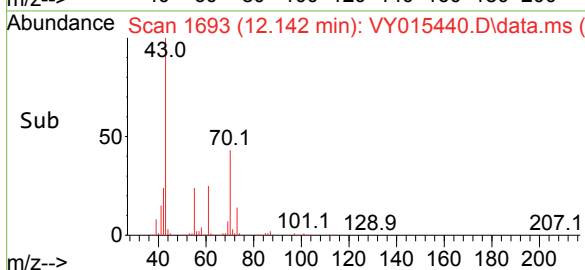
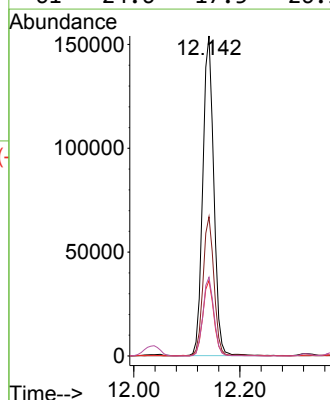
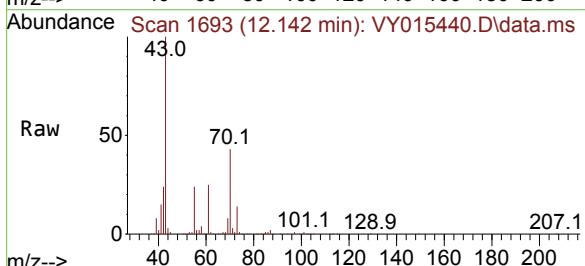
Ion Ratio Lower Upper

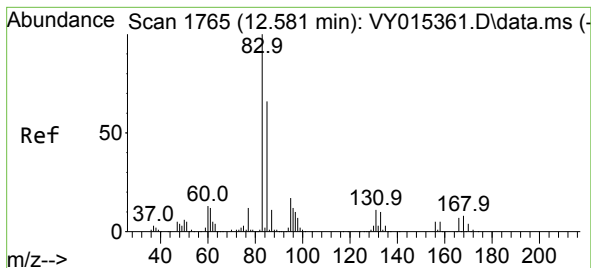
43 100

70 43.6 29.7 44.5

55 23.3 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.817 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

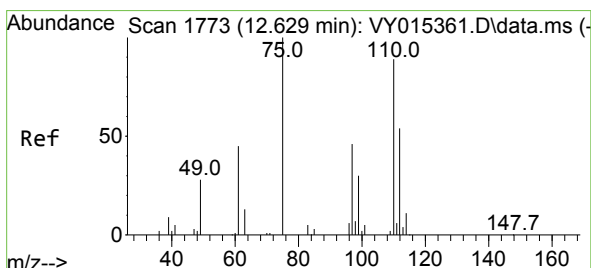
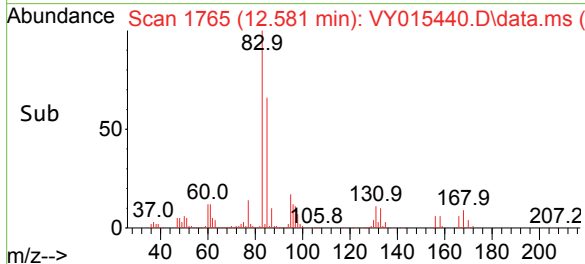
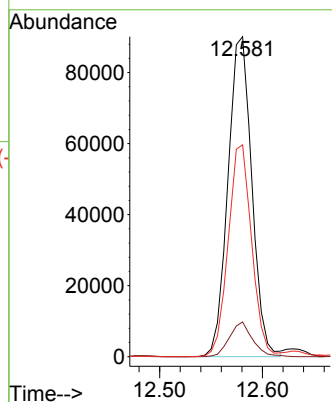
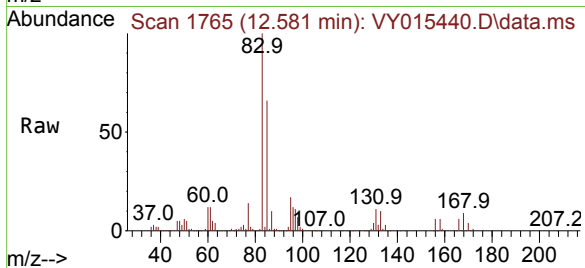
Tgt Ion: 83 Resp: 145649

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 65.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 91.730 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015440.D

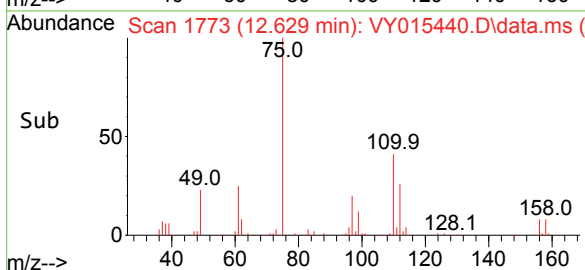
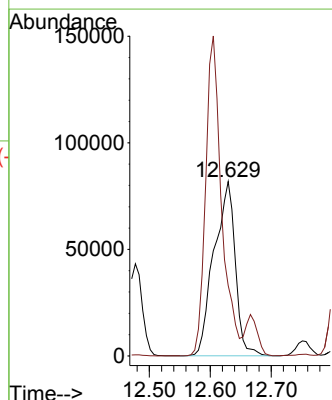
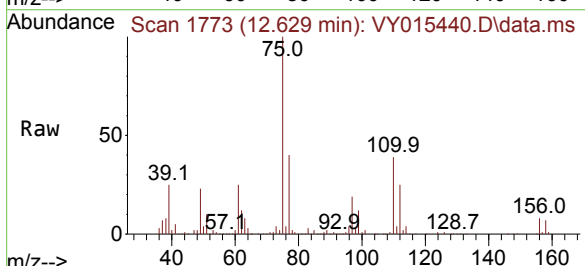
Acq: 05 Sep 2023 19:03

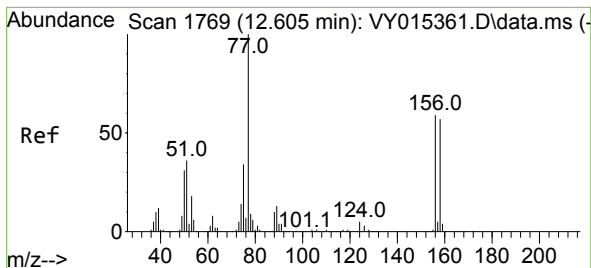
Tgt Ion: 75 Resp: 198343

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.888 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

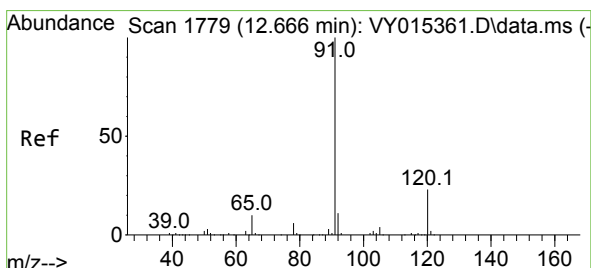
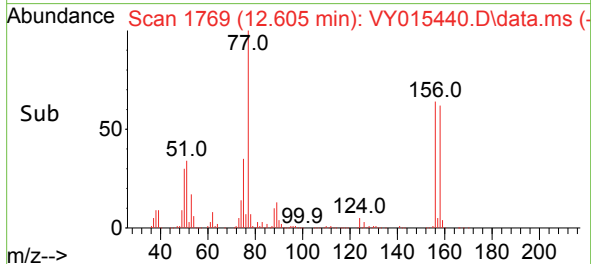
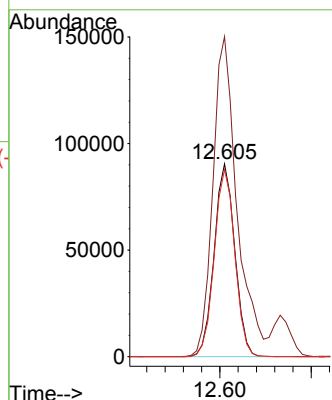
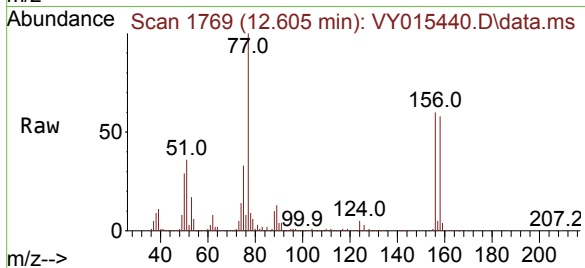
Tgt Ion:156 Resp: 141813

Ion Ratio Lower Upper

156 100

77 192.8 92.8 278.6

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 47.012 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY015440.D

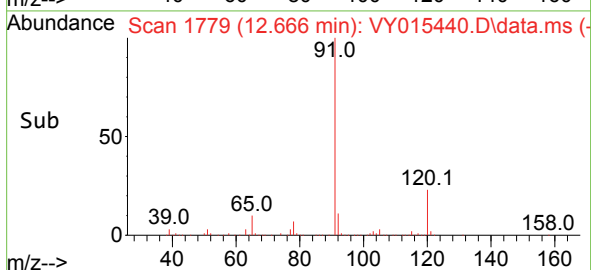
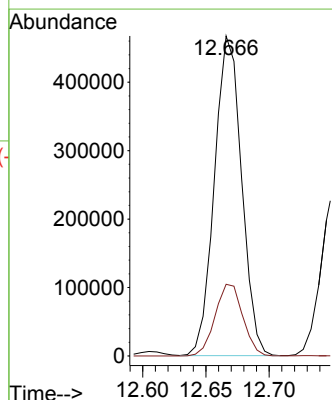
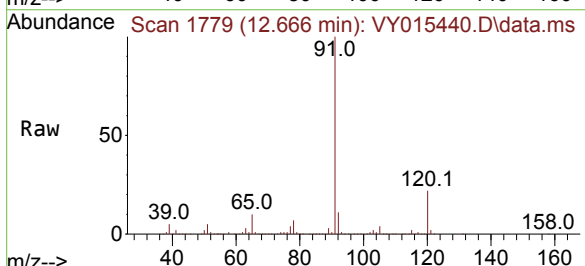
Acq: 05 Sep 2023 19:03

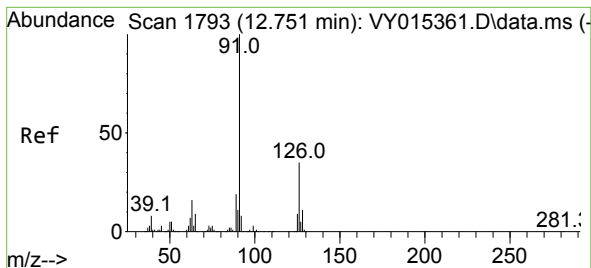
Tgt Ion: 91 Resp: 696710

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

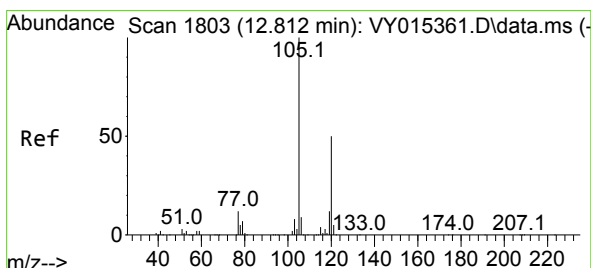
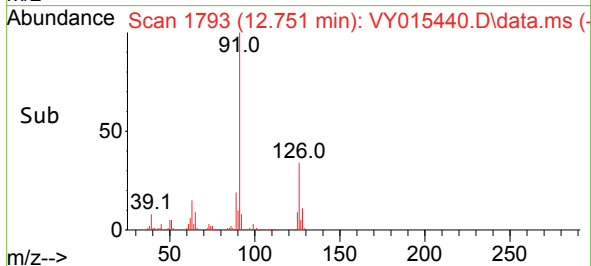
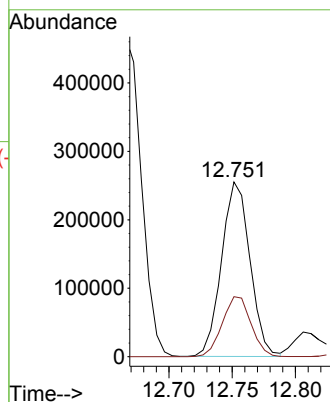
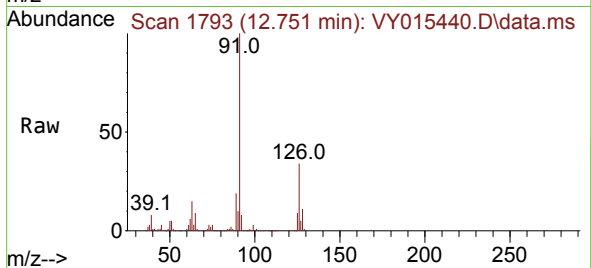




#79
2-Chlorotoluene
Concen: 47.990 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

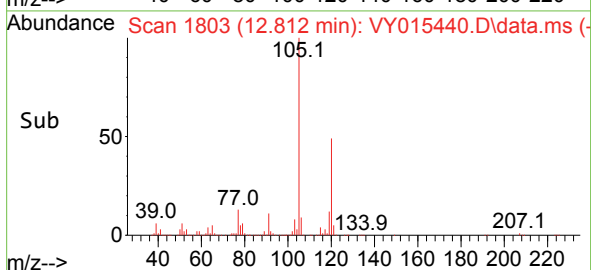
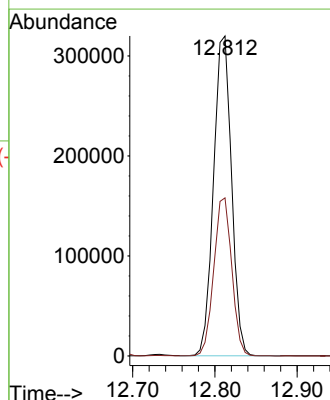
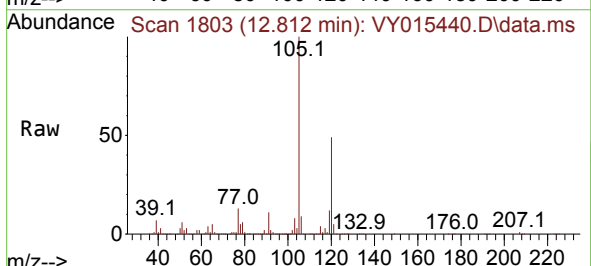
Instrument :
MSVOA_Y
ClientSampleId :

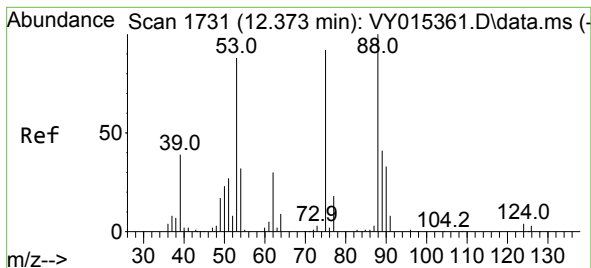
Tgt Ion: 91 Resp: 398903
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.442 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 105 Resp: 486004
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

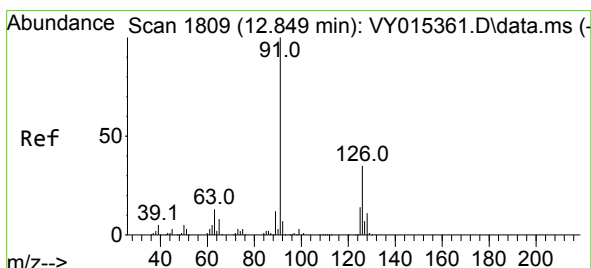
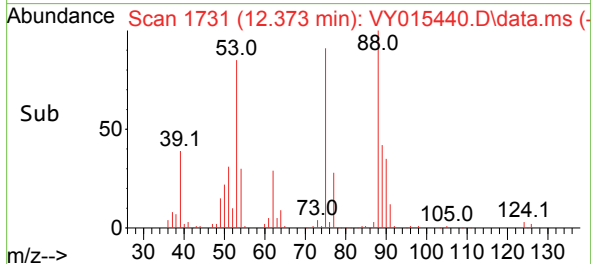
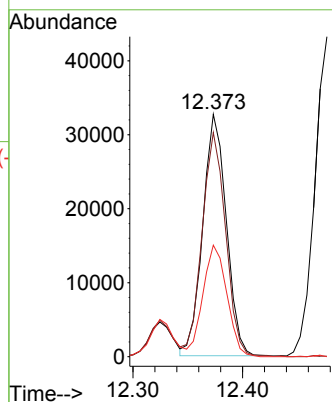
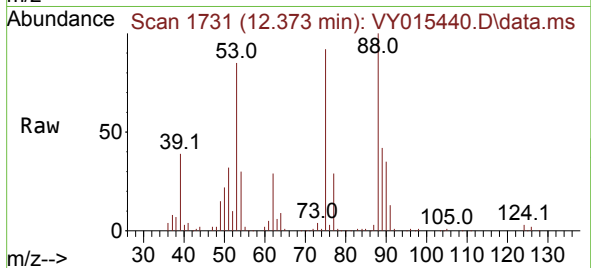




#81
trans-1,4-Dichloro-2-butene
Concen: 49.695 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

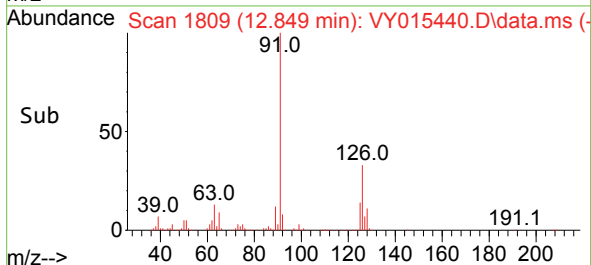
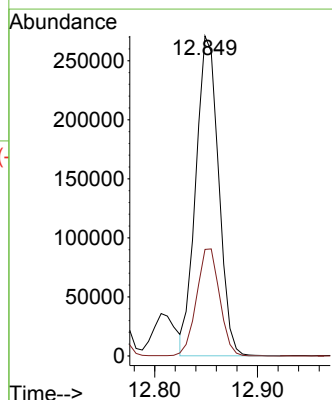
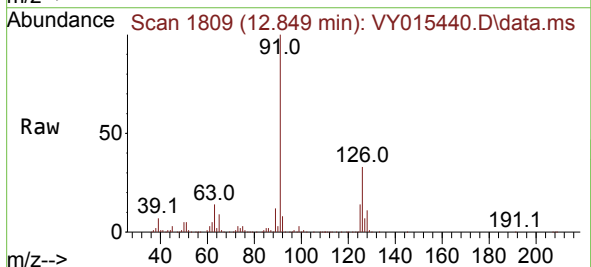
Instrument :
MSVOA_Y
ClientSampleId :

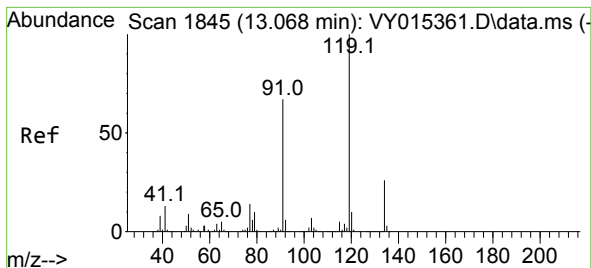
Tgt Ion: 75 Resp: 48712
Ion Ratio Lower Upper
75 100
53 93.4 77.8 116.8
89 46.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.248 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 91 Resp: 416807
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.980 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

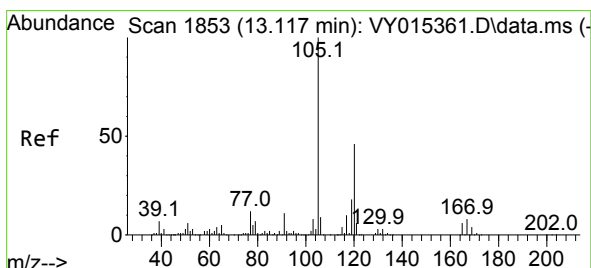
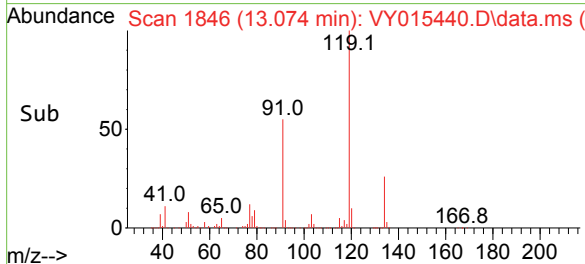
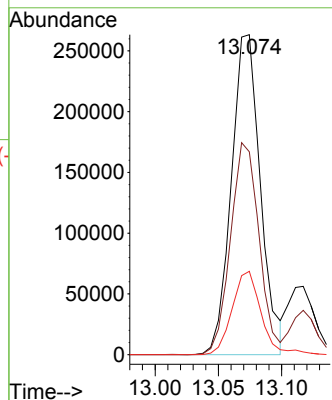
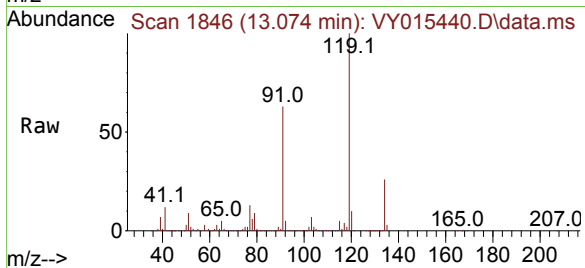
Tgt Ion:119 Resp: 421534

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.338 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015440.D

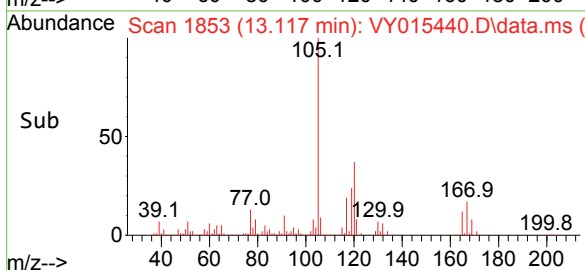
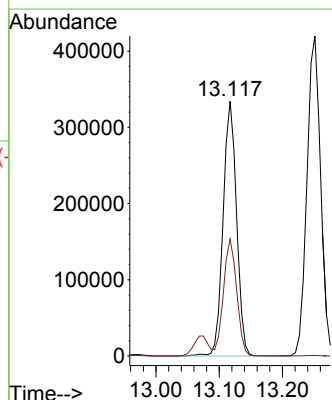
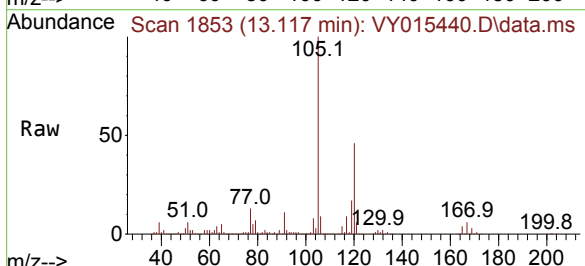
Acq: 05 Sep 2023 19:03

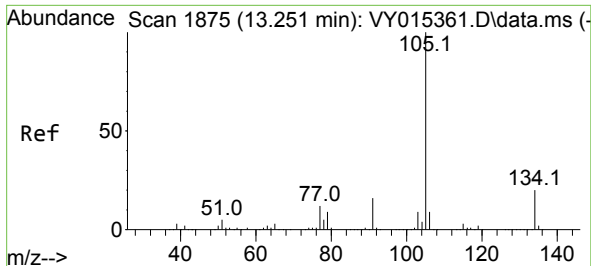
Tgt Ion:105 Resp: 491661

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6

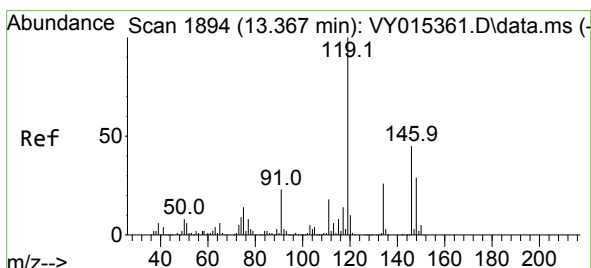
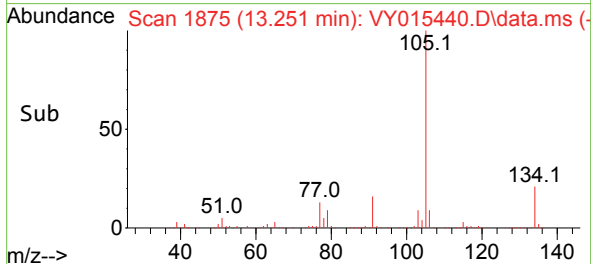
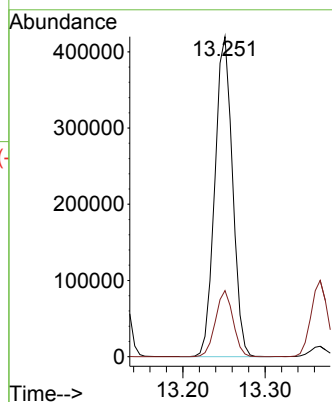
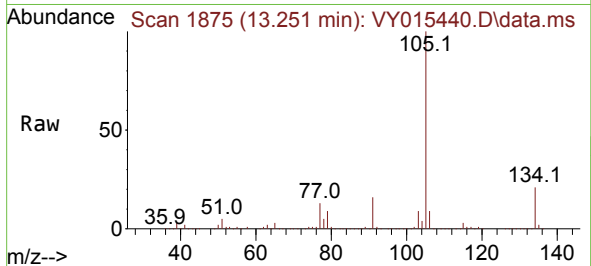




#85
 sec-Butylbenzene
 Concen: 46.853 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

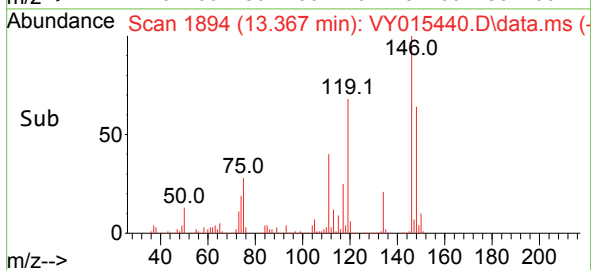
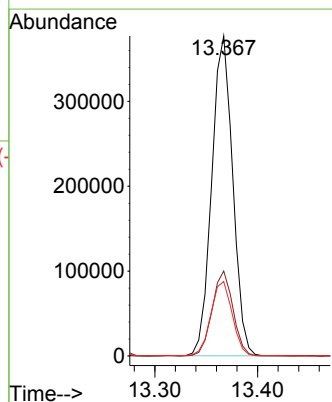
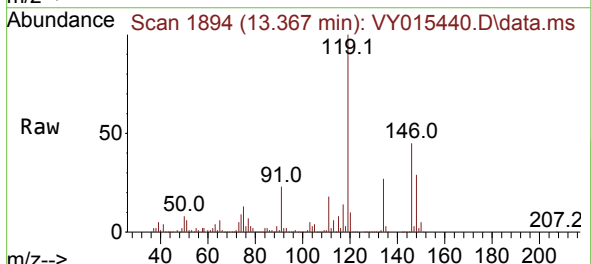
Instrument :
 MSVOA_Y
 ClientSampleId :

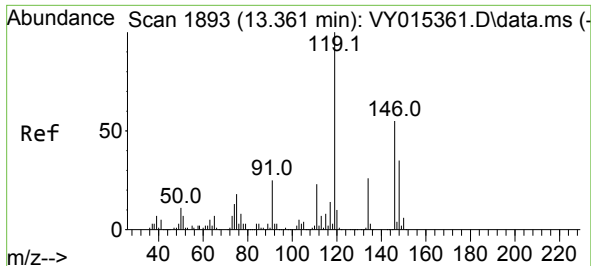
Tgt Ion:105 Resp: 627035
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 47.589 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

Tgt Ion:119 Resp: 533787
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.7 12.4 37.4

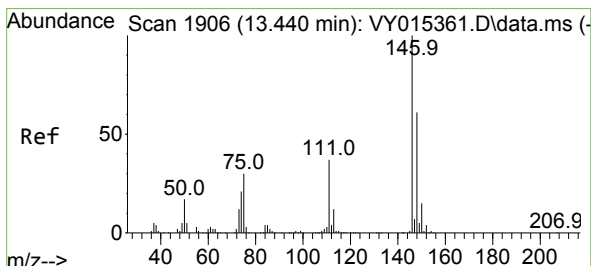
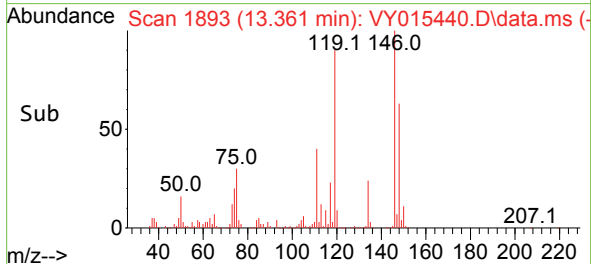
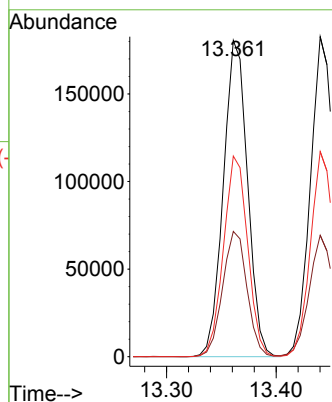
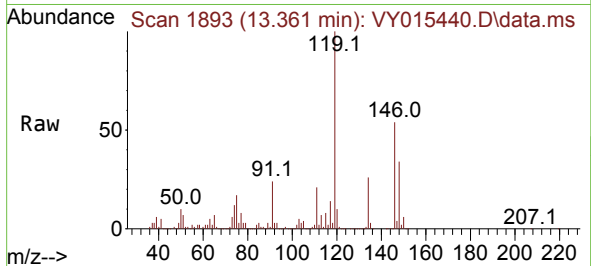




#87
 1,3-Dichlorobenzene
 Concen: 48.427 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

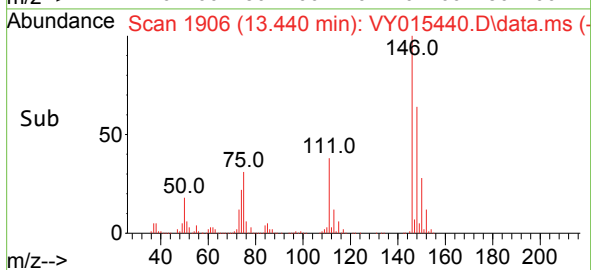
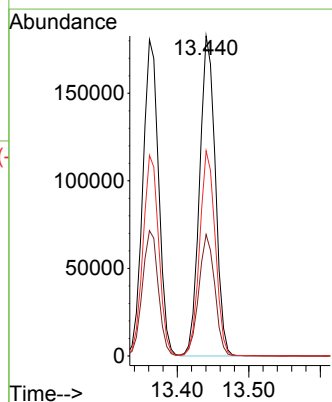
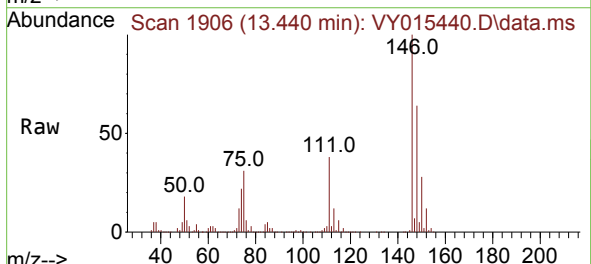
Instrument :
 MSVOA_Y
 ClientSampleId :

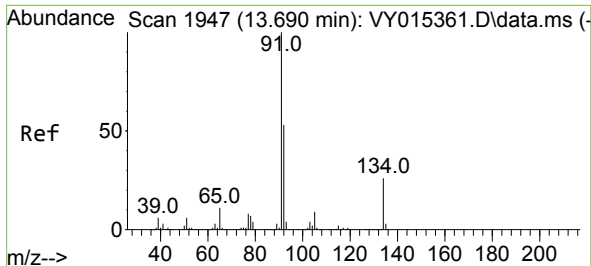
Tgt Ion:146 Resp: 277327
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.4 58.2
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.214 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

Tgt Ion:146 Resp: 279100
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.7
 148 63.7 32.1 96.5

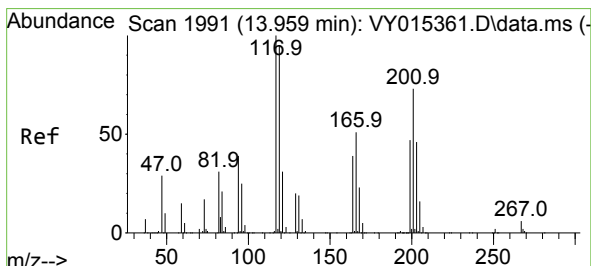
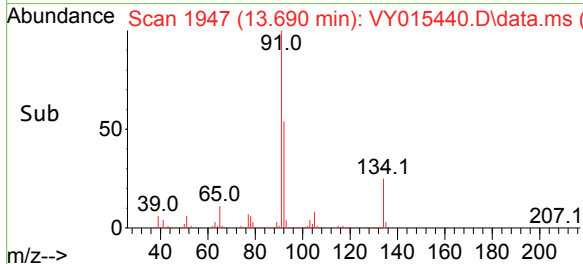
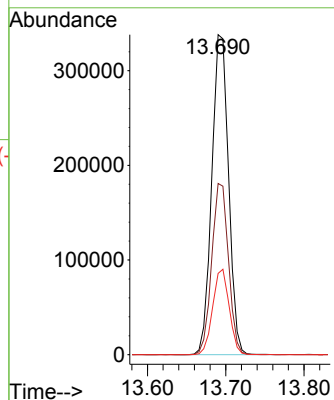
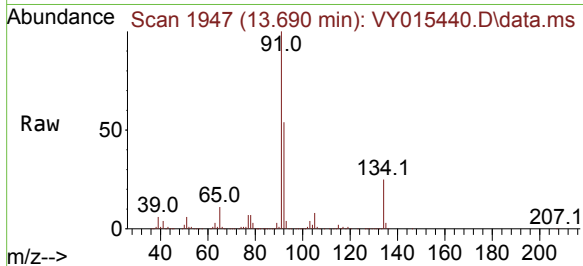




#89
n-Butylbenzene
Concen: 47.541 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

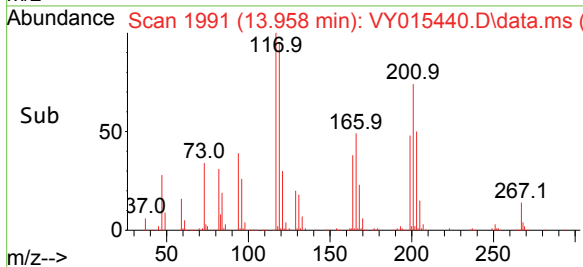
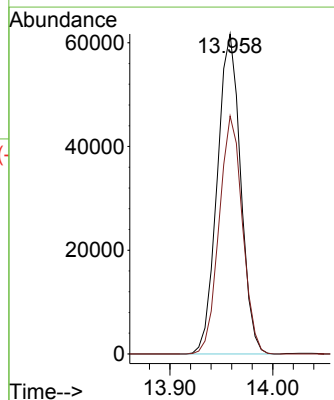
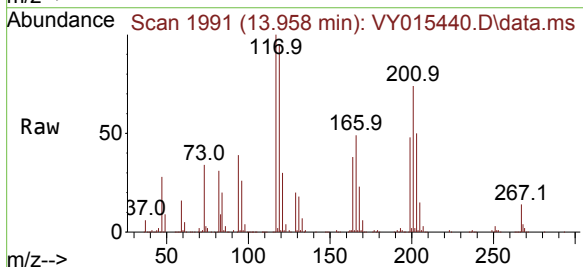
Instrument :
MSVOA_Y
ClientSampleId :

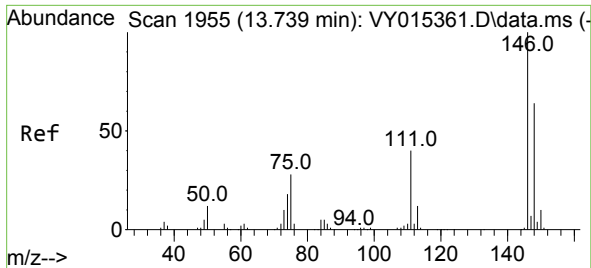
Tgt Ion: 91 Resp: 501897
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 26.3 12.6 37.6



#90
Hexachloroethane
Concen: 48.525 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY015440.D
Acq: 05 Sep 2023 19:03

Tgt Ion: 117 Resp: 97345
Ion Ratio Lower Upper
117 100
201 74.2 41.6 124.8

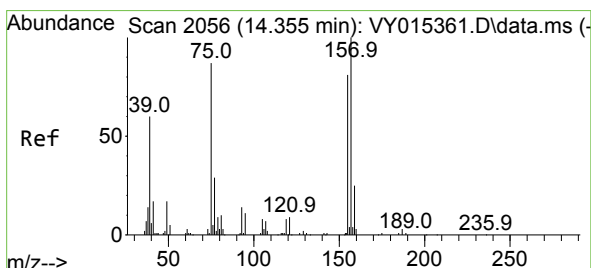
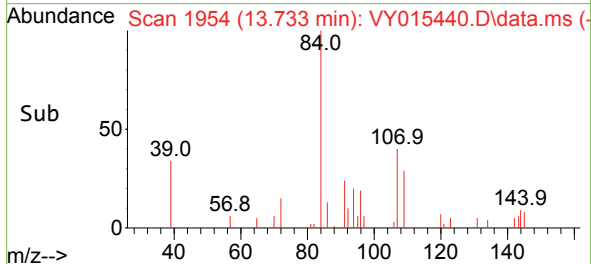
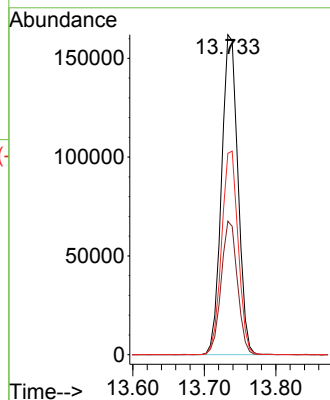
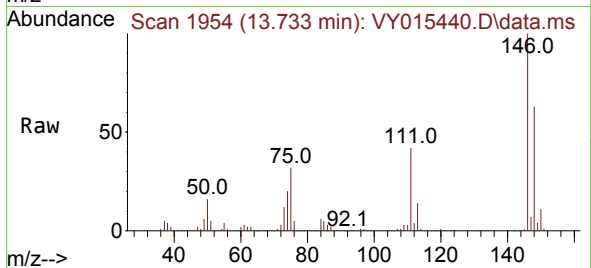




#91
 1,2-Dichlorobenzene
 Concen: 49.419 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

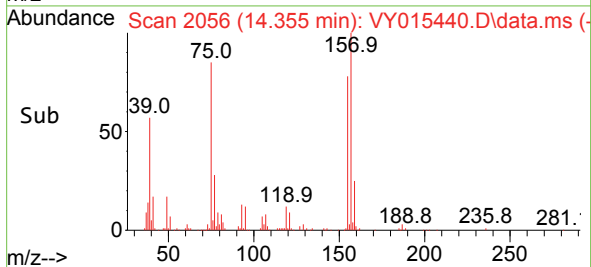
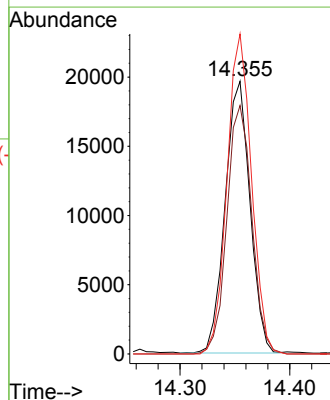
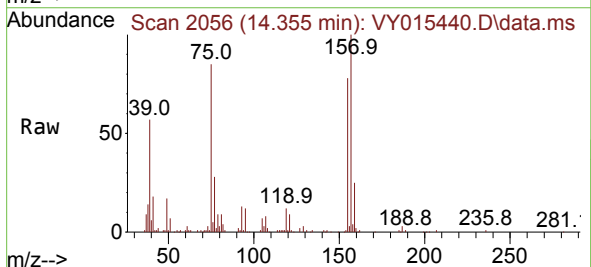
Instrument :
 MSVOA_Y
 ClientSampleId :

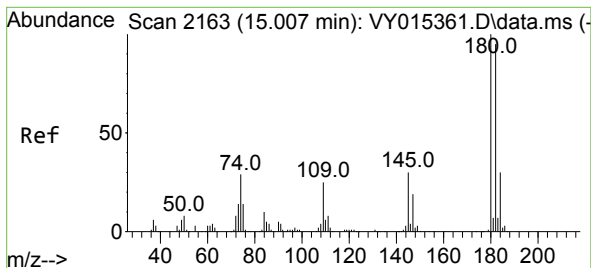
Tgt Ion:146 Resp: 258269
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.7 59.0
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.427 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY015440.D
 Acq: 05 Sep 2023 19:03

Tgt Ion: 75 Resp: 30900
 Ion Ratio Lower Upper
 75 100
 155 91.7 41.5 124.6
 157 116.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.108 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

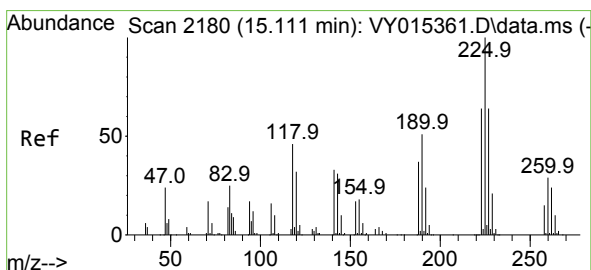
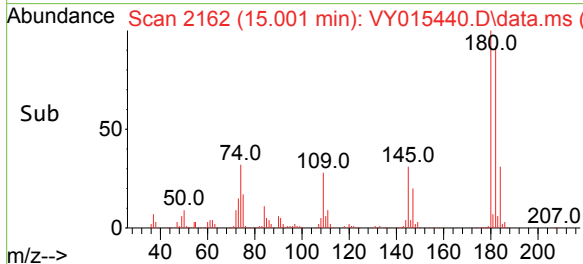
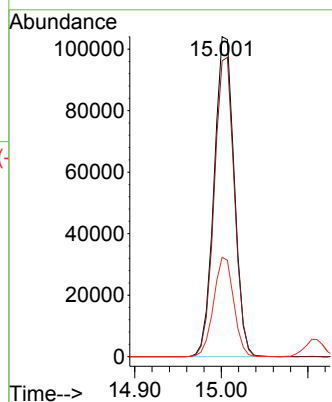
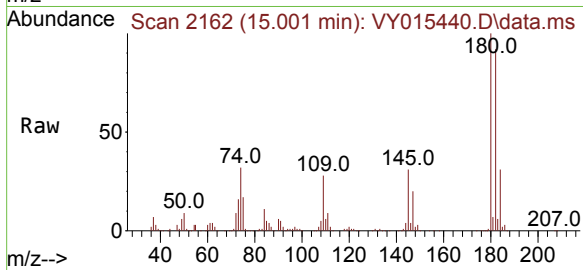
Tgt Ion:180 Resp: 167739

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.180 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

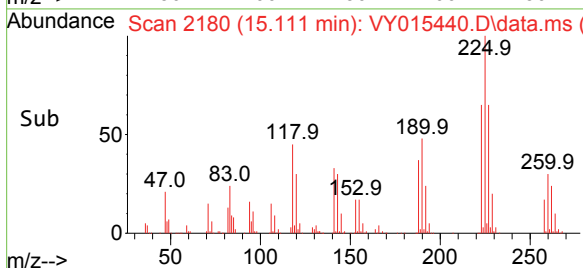
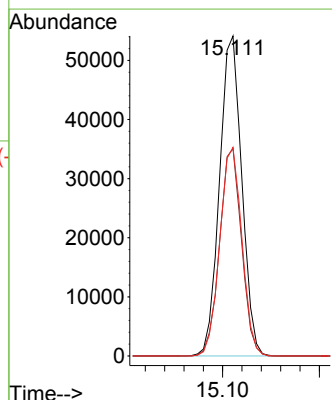
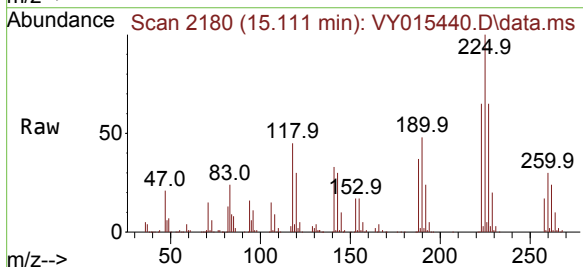
Tgt Ion:225 Resp: 86225

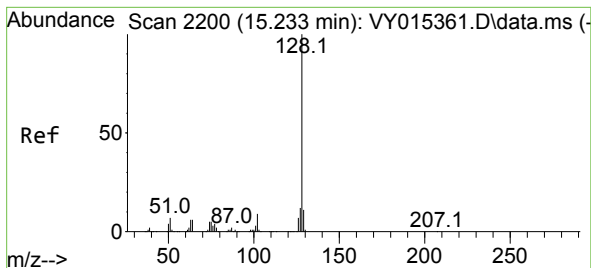
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 54.965 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

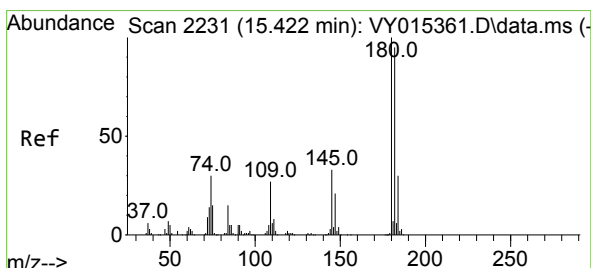
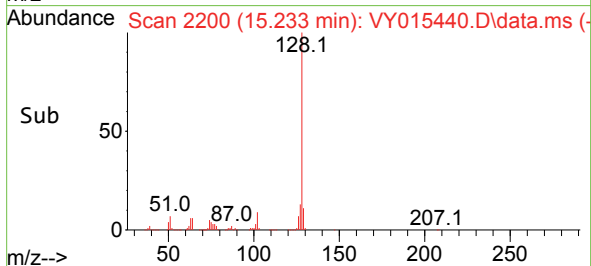
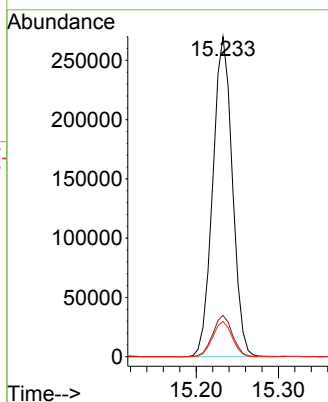
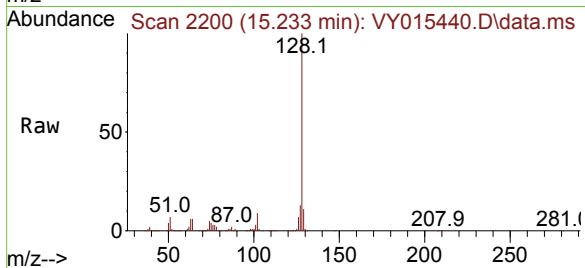
Tgt Ion:128 Resp: 446868

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.477 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015440.D

Acq: 05 Sep 2023 19:03

Tgt Ion:180 Resp: 154105

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 32.7 15.4 46.2

