

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015479.D
 Acq On : 07 Sep 2023 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:13:12 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	185575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	290544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	99516	50.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.710	113	87682	48.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.680%	
50) Toluene-d8	10.173	98	303039	46.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.477	95	122280	50.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	63947	39.642	ug/l	98
3) Chloromethane	2.101	50	95770	44.703	ug/l	100
4) Vinyl Chloride	2.241	62	107442	43.087	ug/l	96
5) Bromomethane	2.625	94	82570	46.537	ug/l	100
6) Chloroethane	2.772	64	73940	45.112	ug/l	97
7) Trichlorofluoromethane	3.107	101	154531	43.811	ug/l	99
8) Diethyl Ether	3.515	74	58449	48.488	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	83344	42.632	ug/l	97
10) Methyl Iodide	4.070	142	87635	38.172	ug/l	98
11) Tert butyl alcohol	4.954	59	132451	311.410	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	80079	43.409	ug/l	91
13) Acrolein	3.716	56	89167	165.469	ug/l	99
14) Allyl chloride	4.460	41	130807	44.536	ug/l	97
15) Acrylonitrile	5.149	53	206930	272.808	ug/l	99
16) Acetone	3.942	43	187319	225.593	ug/l	95
17) Carbon Disulfide	4.174	76	214303	38.858	ug/l	98
18) Methyl Acetate	4.466	43	213003	70.824	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	307036	51.210	ug/l	99
20) Methylene Chloride	4.698	84	106471	38.134	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	95840	45.117	ug/l	96
22) Diisopropyl ether	6.106	45	304253	47.364	ug/l	92
23) Vinyl Acetate	6.045	43	849227	209.386	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	171921	46.298	ug/l	97
25) 2-Butanone	6.978	43	309744	263.009	ug/l	95
26) 2,2-Dichloropropane	6.972	77	125661	39.842	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	115883	48.087	ug/l	93
28) Bromochloromethane	7.319	49	55129	48.412	ug/l	94
29) Tetrahydrofuran	7.338	42	205450	277.799	ug/l	91
30) Chloroform	7.496	83	188121	48.191	ug/l	97
31) Cyclohexane	7.777	56	134482	38.057	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	162567	46.625	ug/l	98
36) 1,1-Dichloropropene	7.905	75	133159	42.245	ug/l	100
37) Ethyl Acetate	7.063	43	119189	49.028	ug/l	96
38) Carbon Tetrachloride	7.886	117	144217	44.299	ug/l	99
39) Methylcyclohexane	9.173	83	157765	39.756	ug/l	95
40) Benzene	8.149	78	394709	44.882	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	181353	159.079	ug/l #	39
42) 1,2-Dichloroethane	8.228	62	140271	47.833	ug/l	95
43) Isopropyl Acetate	8.264	43	207659	49.398	ug/l	97
44) Trichloroethene	8.935	130	115672	46.488	ug/l	96
45) 1,2-Dichloropropane	9.209	63	101048	45.580	ug/l	97
46) Dibromomethane	9.295	93	71772	48.737	ug/l	96
47) Bromodichloromethane	9.490	83	152713	48.492	ug/l	99
48) Methyl methacrylate	9.289	41	99416	51.544	ug/l	94
49) 1,4-Dioxane	9.295	88	31175	1139.710	ug/l #	54
51) 4-Methyl-2-Pentanone	10.063	43	664803	272.086	ug/l	93
52) Toluene	10.240	92	261326	46.362	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	154052	46.028	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	165003	45.321	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	99204	49.996	ug/l	98
56) Ethyl methacrylate	10.502	69	150215	51.086	ug/l	90
57) 1,3-Dichloropropane	10.782	76	164527	48.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	263162	250.740	ug/l	93
59) 2-Hexanone	10.825	43	500376	272.926	ug/l	92
60) Dibromochloromethane	10.977	129	118469	51.010	ug/l	100
61) 1,2-Dibromoethane	11.081	107	101743	50.603	ug/l	100
64) Tetrachloroethene	10.715	164	137931	52.303	ug/l	98
65) Chlorobenzene	11.514	112	288394	46.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	112168	48.948	ug/l	100
67) Ethyl Benzene	11.587	91	503443	44.782	ug/l	99
68) m/p-Xylenes	11.697	106	394538	90.539	ug/l	95
69) o-Xylene	12.026	106	194025	46.589	ug/l	97
70) Styrene	12.038	104	335288	47.882	ug/l	97
71) Bromoform	12.203	173	86173	53.908	ug/l #	98
73) Isopropylbenzene	12.325	105	502054	42.684	ug/l	100
74) N-amyl acetate	12.142	43	173934	44.016	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	130168	46.359	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	176947	85.212	ug/l #	100
77) Bromobenzene	12.605	156	126237	45.315	ug/l	99
78) n-propylbenzene	12.666	91	600770	42.211	ug/l	99
79) 2-Chlorotoluene	12.751	91	345177	43.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	428189	43.523	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	39972	42.462	ug/l	96
82) 4-Chlorotoluene	12.849	91	360326	43.431	ug/l	99
83) tert-Butylbenzene	13.068	119	373667	43.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	426888	43.702	ug/l	98
85) sec-Butylbenzene	13.251	105	544282	42.348	ug/l	100
86) p-Isopropyltoluene	13.367	119	461567	42.849	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	244508	44.458	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	244373	43.957	ug/l	99
89) n-Butylbenzene	13.690	91	423204	41.741	ug/l	97
90) Hexachloroethane	13.959	117	86107	44.695	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	230875	46.000	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29382	52.899	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	146073	46.344	ug/l	99
94) Hexachlorobutadiene	15.105	225	73877	42.984	ug/l	97
95) Naphthalene	15.233	128	407165	52.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	135431	47.106	ug/l	99

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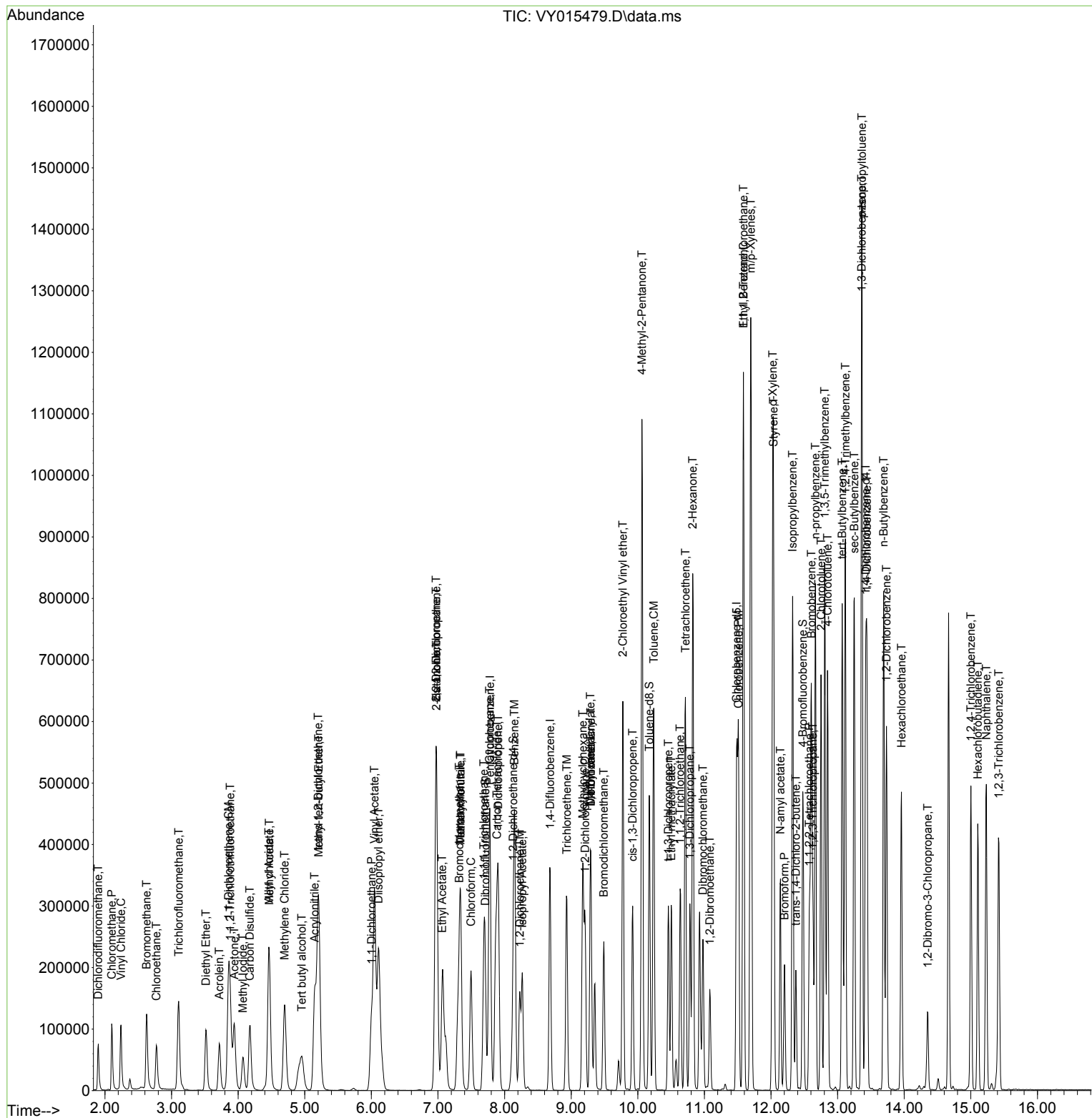
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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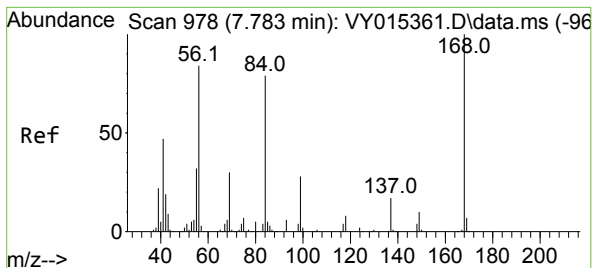
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015479.D

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Instrument :

MSVOA_Y

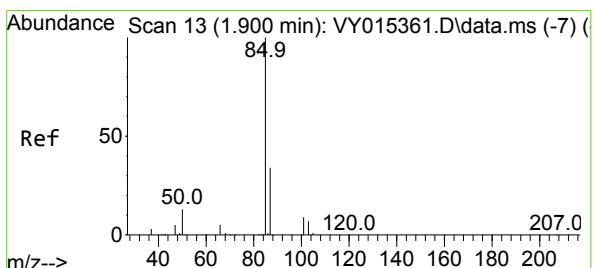
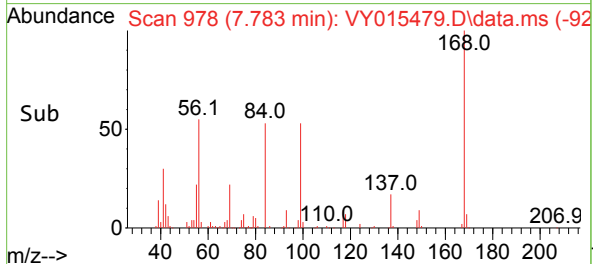
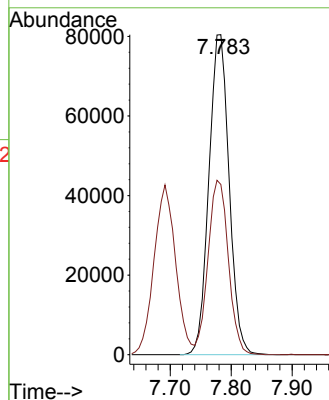
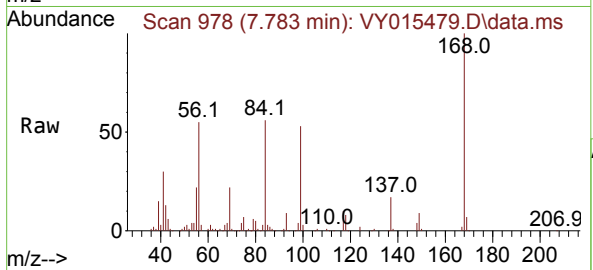
ClientSampleId :

Tgt Ion:168 Resp: 185575

Ion Ratio Lower Upper

168 100

99 53.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 39.642 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY015479.D

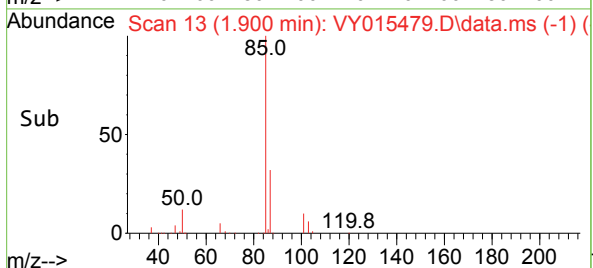
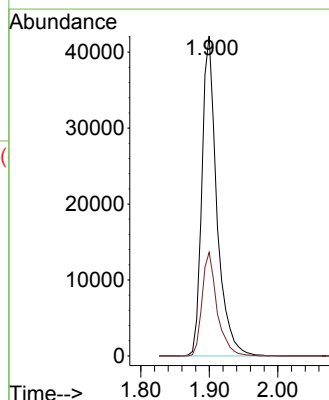
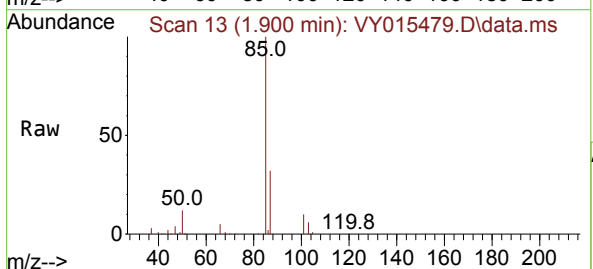
Acq: 07 Sep 2023 20:10

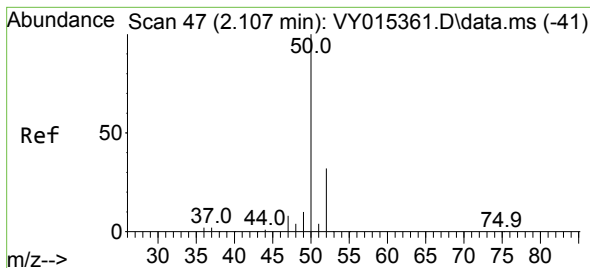
Tgt Ion: 85 Resp: 63947

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8





#3

Chloromethane

Concen: 44.703 ug/l

RT: 2.101 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

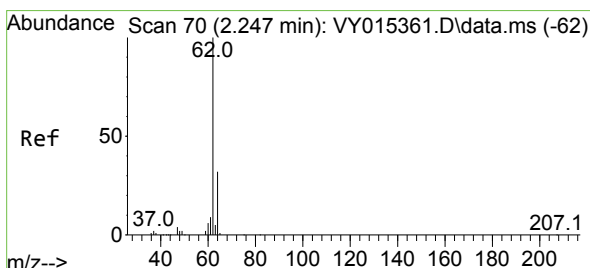
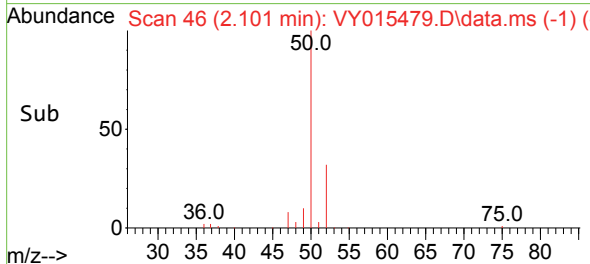
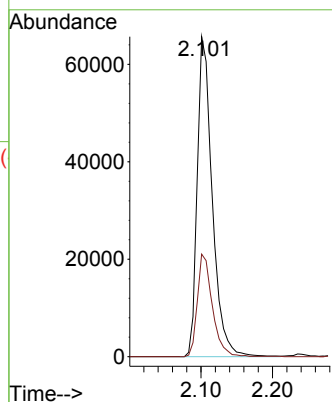
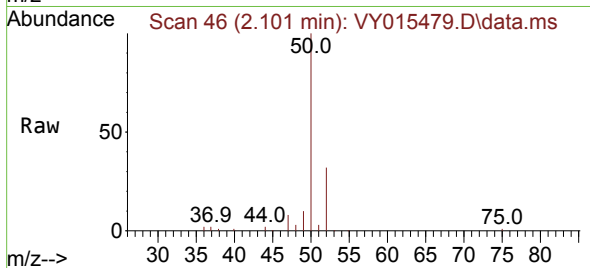
ClientSampleId :

Tgt Ion: 50 Resp: 95770

Ion Ratio Lower Upper

50 100

52 32.0 25.4 38.2



#4

Vinyl Chloride

Concen: 43.087 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY015479.D

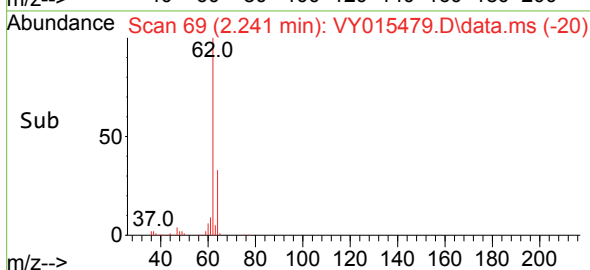
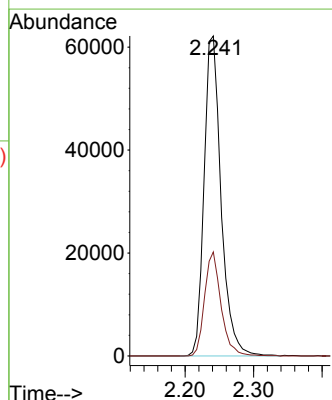
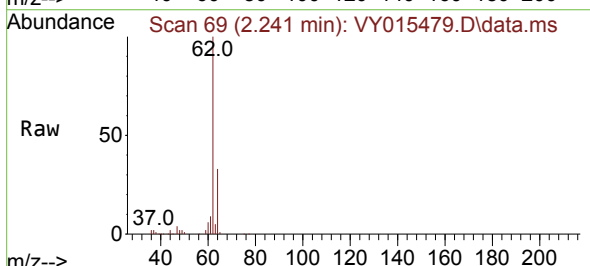
Acq: 07 Sep 2023 20:10

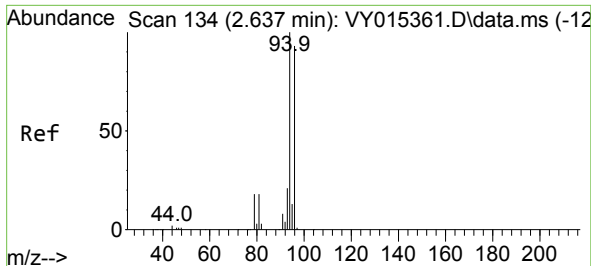
Tgt Ion: 62 Resp: 107442

Ion Ratio Lower Upper

62 100

64 32.5 24.3 36.5





#5

Bromomethane

Concen: 46.537 ug/l

RT: 2.625 min Scan# 11

Delta R.T. -0.012 min

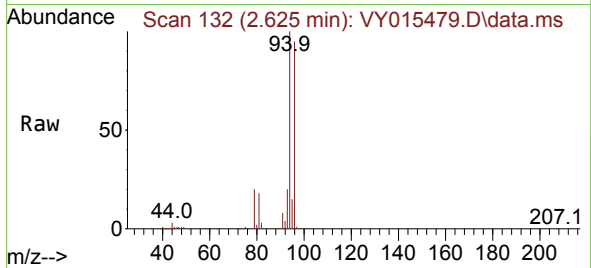
Lab File: VY015479.D

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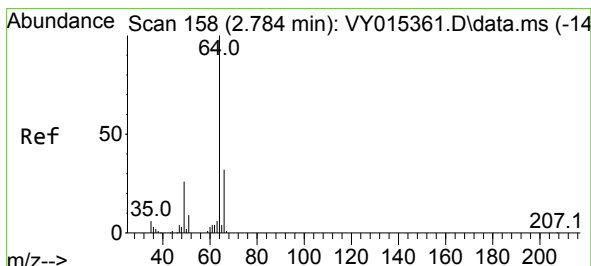
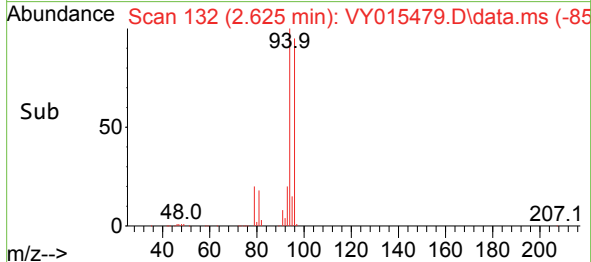
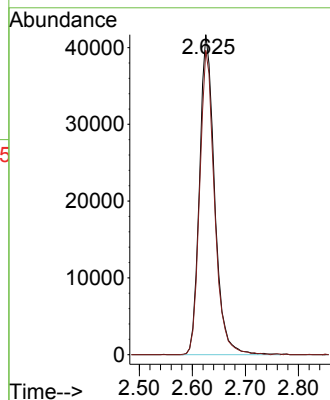


Tgt Ion: 94 Resp: 82570

Ion Ratio Lower Upper

94 100

96 95.1 75.8 113.6



#6

Chloroethane

Concen: 45.112 ug/l

RT: 2.772 min Scan# 156

Delta R.T. -0.012 min

Lab File: VY015479.D

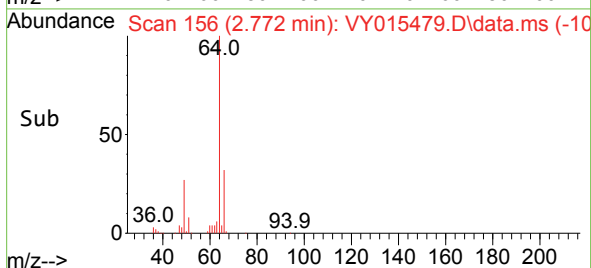
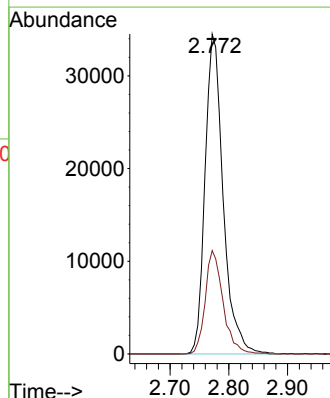
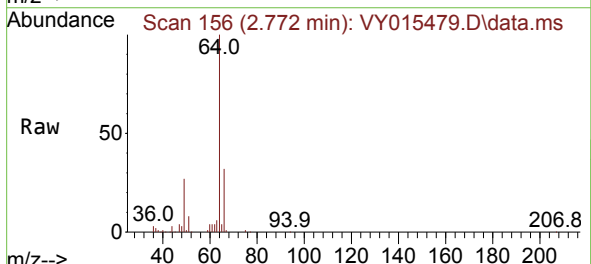
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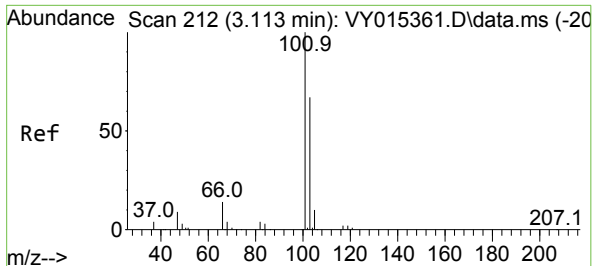
Tgt Ion: 64 Resp: 73940

Ion Ratio Lower Upper

64 100

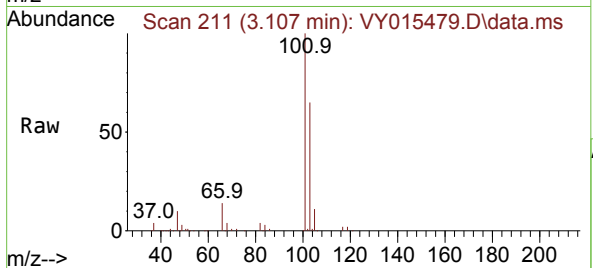
66 32.3 24.4 36.6



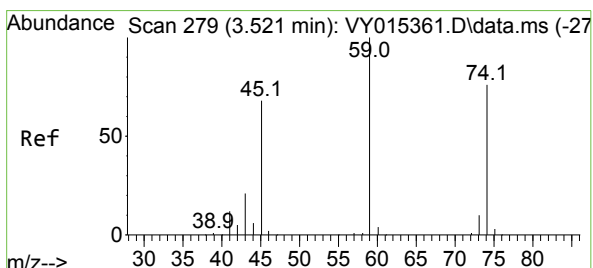
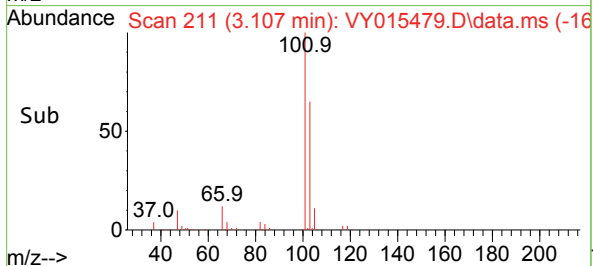
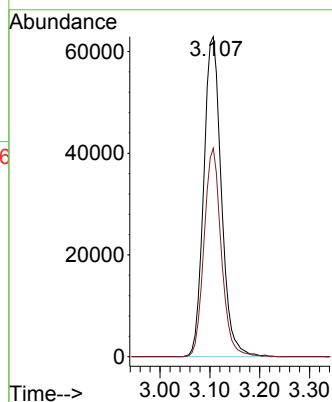


#7
 Trichlorofluoromethane
 Concen: 43.811 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :

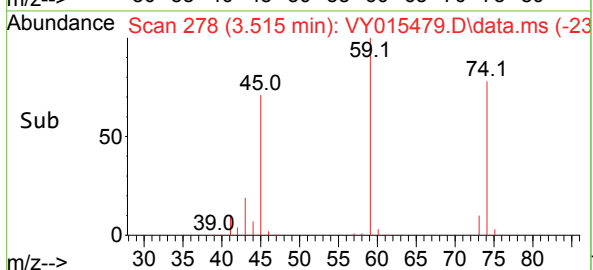
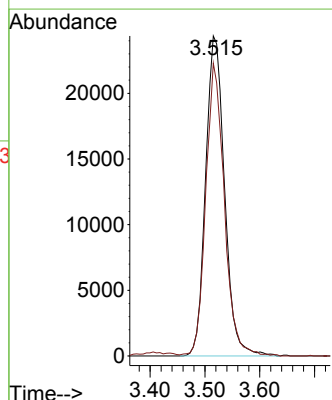
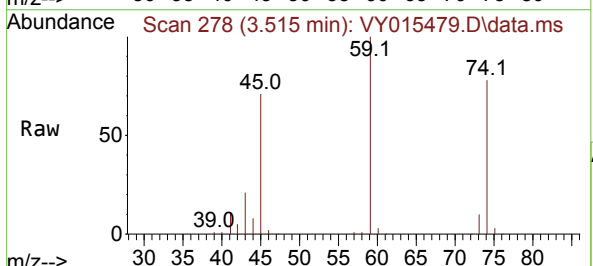


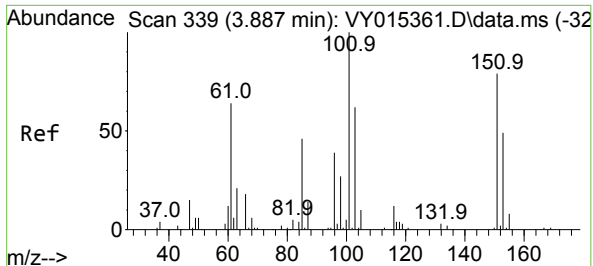
Tgt Ion:101 Resp: 154531
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.488 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Tgt Ion: 74 Resp: 58449
 Ion Ratio Lower Upper
 74 100
 45 89.8 51.5 154.5

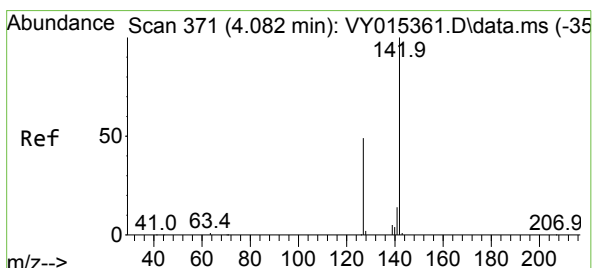
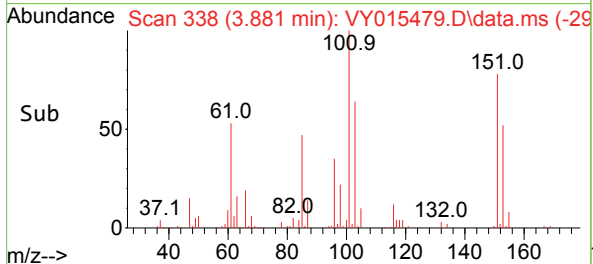
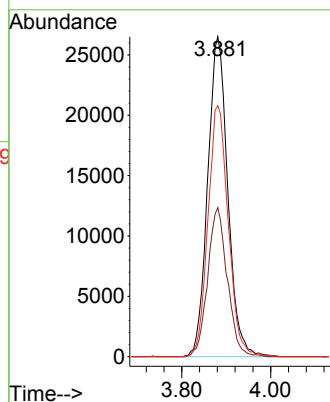
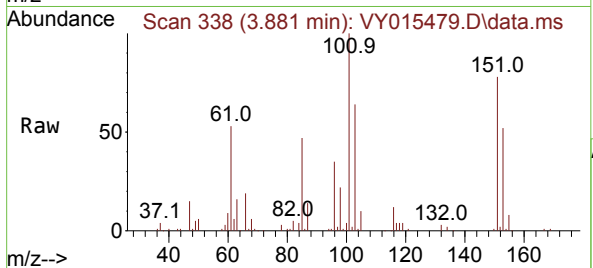




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.632 ug/l
 RT: 3.881 min Scan# 311
 Delta R.T. -0.012 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

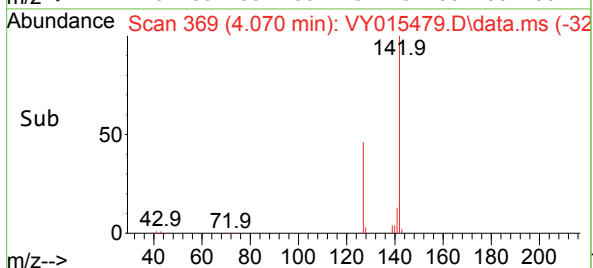
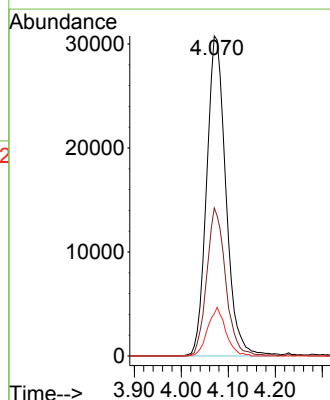
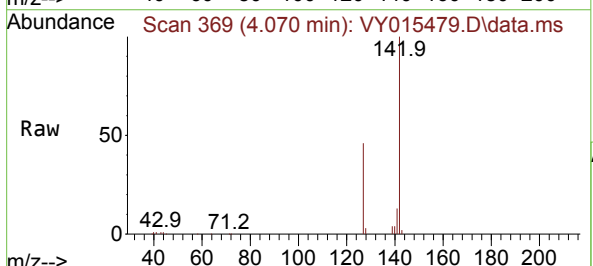
Instrument :
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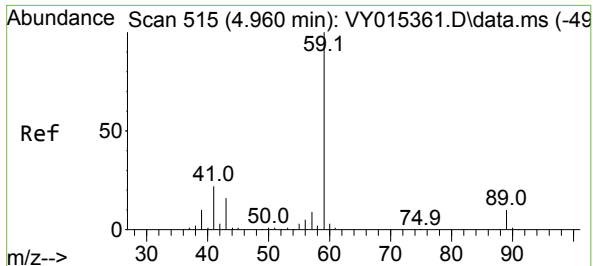
Tgt Ion:101 Resp: 83344
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.6 55.0
 151 79.3 67.0 100.6



#10
 Methyl Iodide
 Concen: 38.172 ug/l
 RT: 4.070 min Scan# 369
 Delta R.T. -0.012 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Tgt Ion:142 Resp: 87635
 Ion Ratio Lower Upper
 142 100
 127 45.3 37.6 56.4
 141 14.2 11.8 17.8

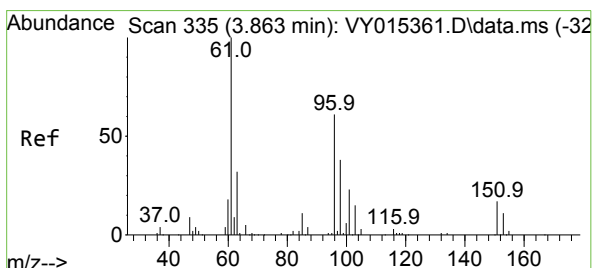
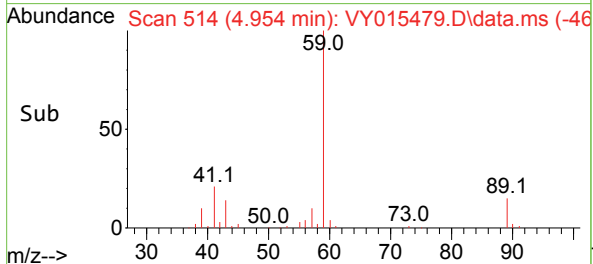
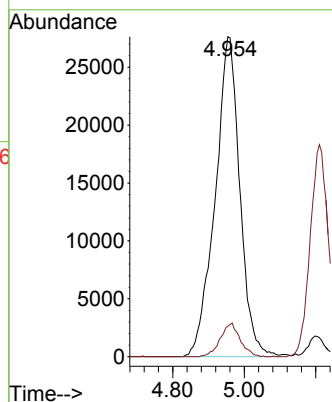
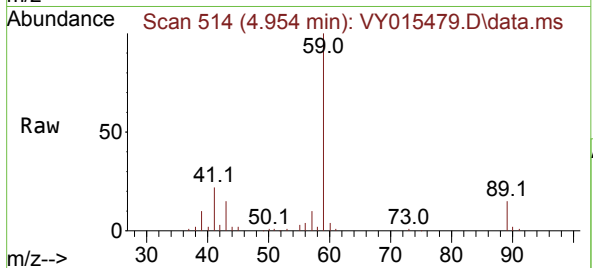




#11
Tert butyl alcohol
Concen: 311.410 ug/l
RT: 4.954 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

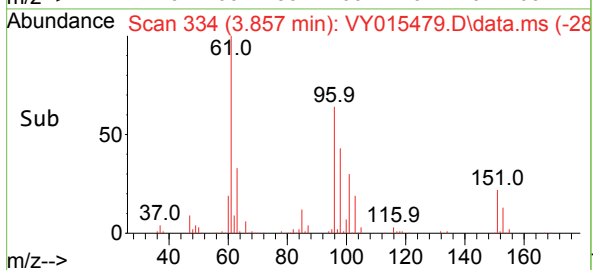
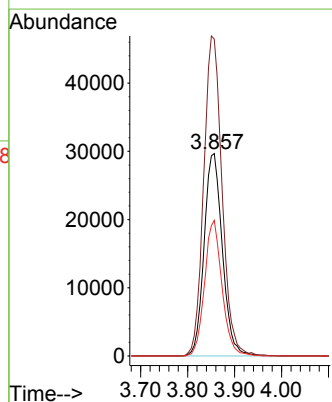
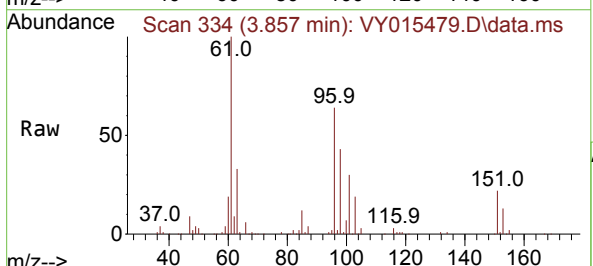
Instrument :
MSVOA_Y
ClientSampleId :

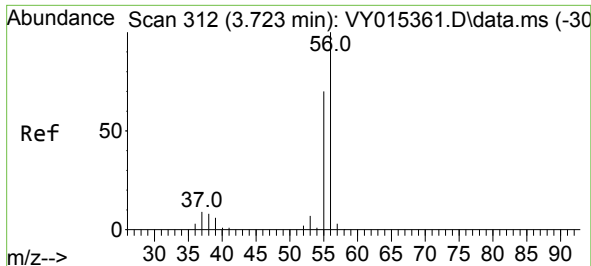
Tgt Ion: 59 Resp: 132451
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 43.409 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 96 Resp: 80079
Ion Ratio Lower Upper
96 100
61 156.5 136.4 204.6
98 67.0 49.4 74.2

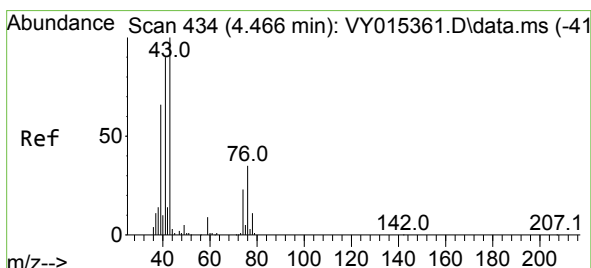
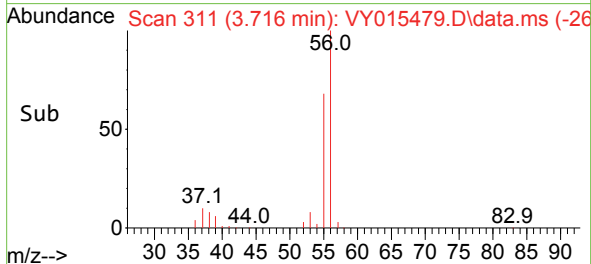
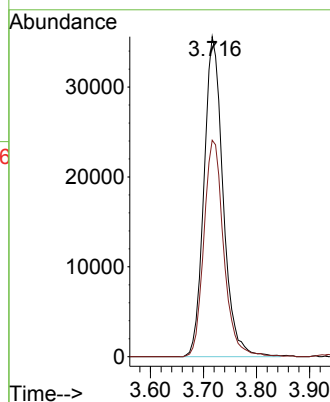
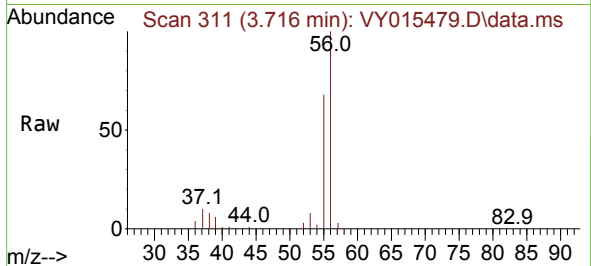




#13
Acrolein
Concen: 165.469 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

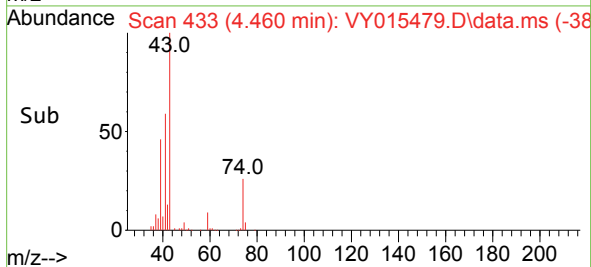
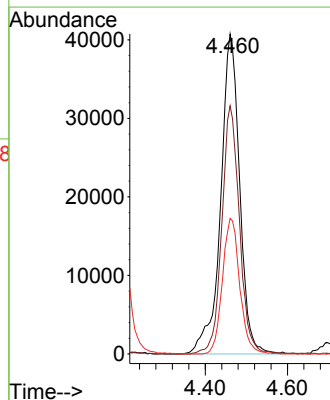
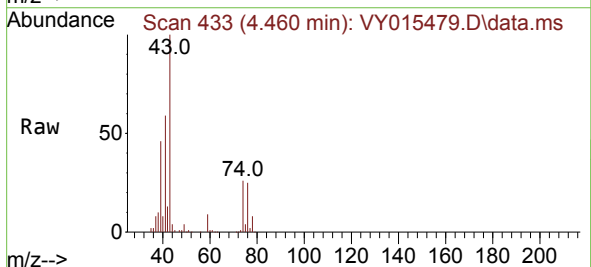
Instrument :
MSVOA_Y
ClientSampleId :

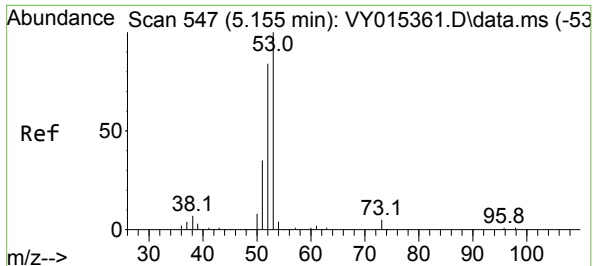
Tgt Ion: 56 Resp: 89167
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 44.536 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 41 Resp: 130807
Ion Ratio Lower Upper
41 100
39 72.0 58.0 87.0
76 38.6 27.4 41.2

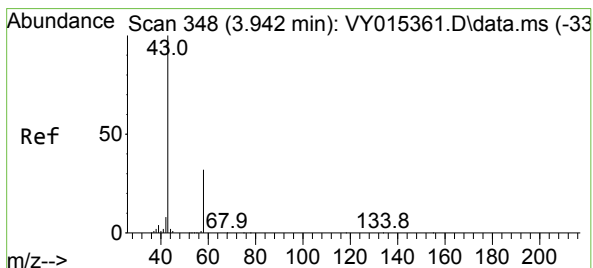
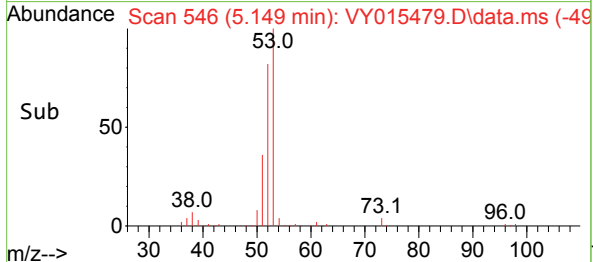
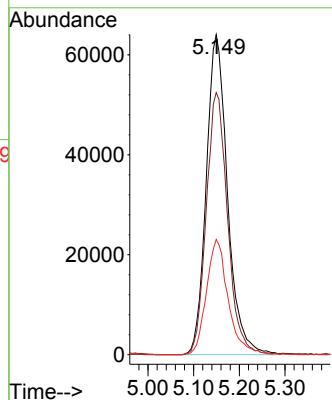
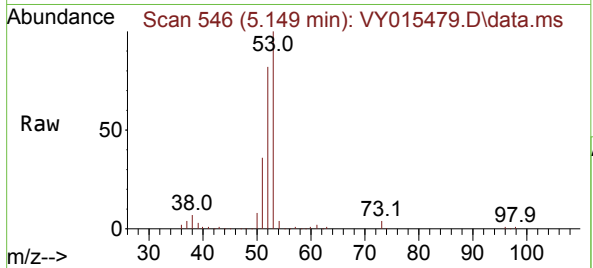




#15
Acrylonitrile
Concen: 272.808 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

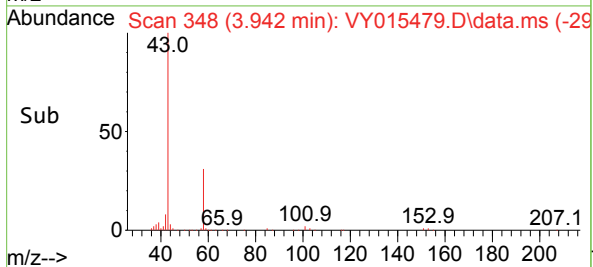
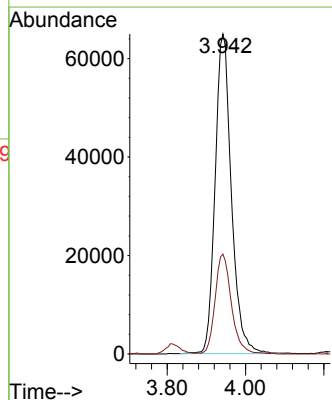
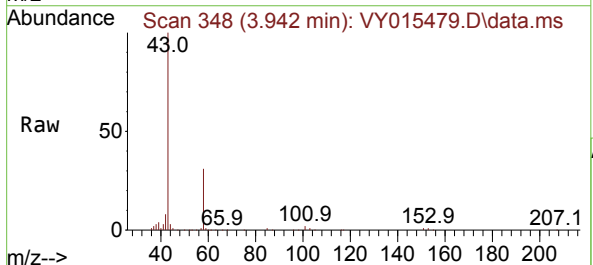
Instrument :
MSVOA_Y
ClientSampleId :

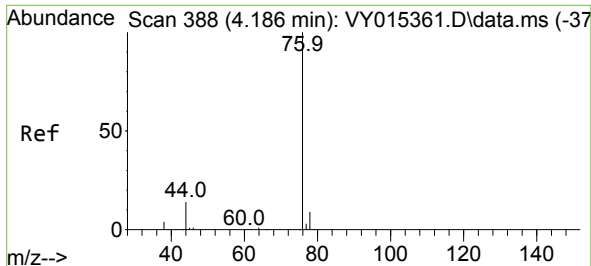
Tgt Ion: 53 Resp: 206930
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 225.593 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 43 Resp: 187319
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1

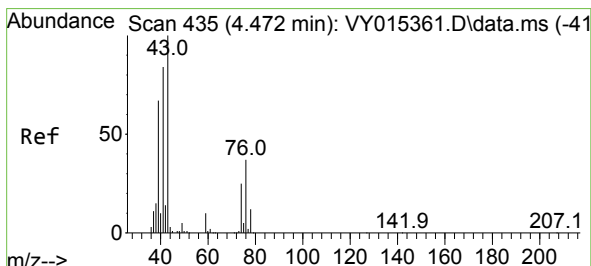
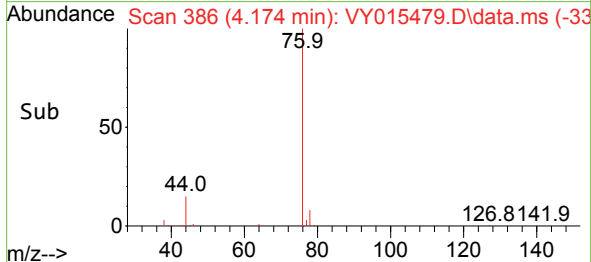
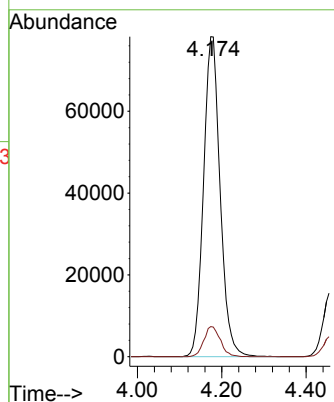
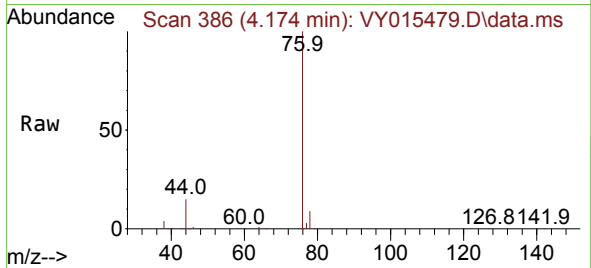




#17
Carbon Disulfide
Concen: 38.858 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

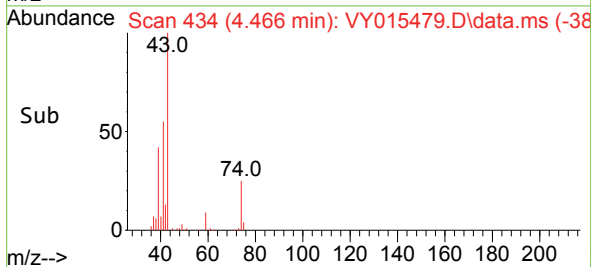
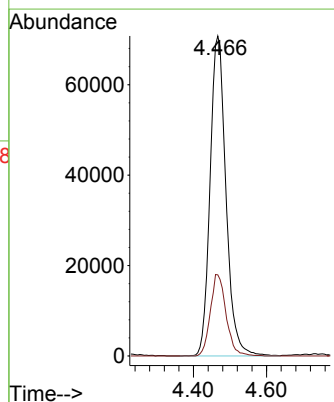
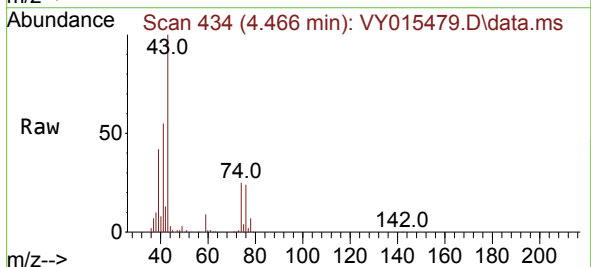
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 214303
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 70.824 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 43 Resp: 213003
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.210 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

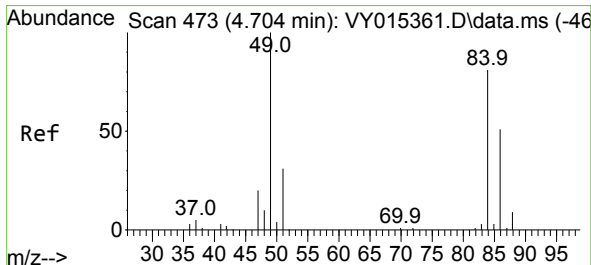
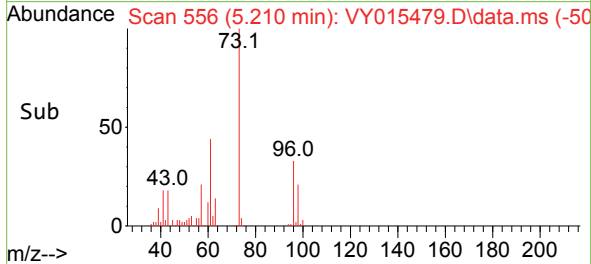
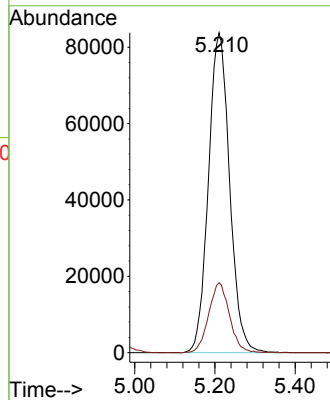
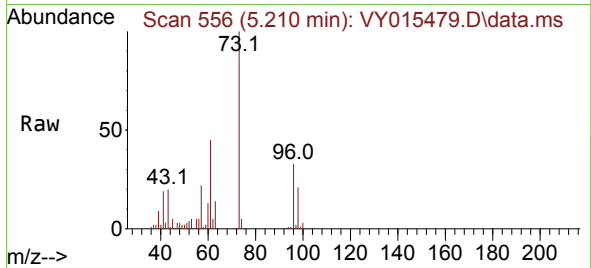
ClientSampleId :

Tgt Ion: 73 Resp: 307036

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 38.134 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Tgt Ion: 84 Resp: 106471

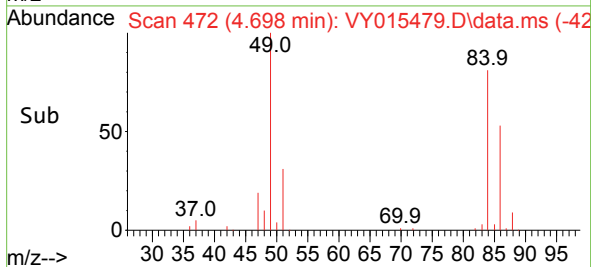
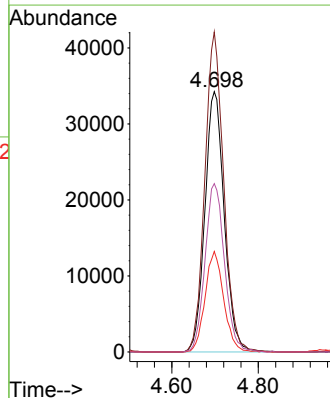
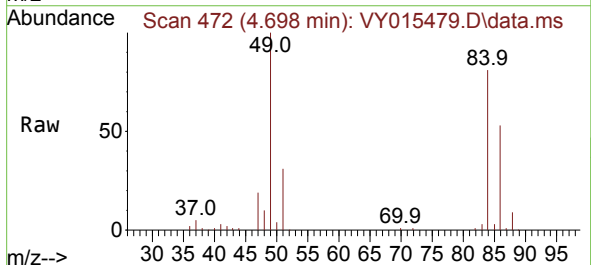
Ion Ratio Lower Upper

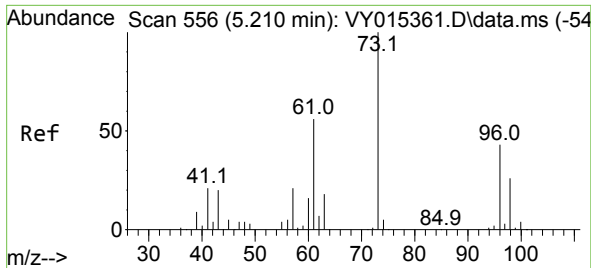
84 100

49 122.9 106.9 160.3

51 38.6 33.2 49.8

86 64.7 51.0 76.6

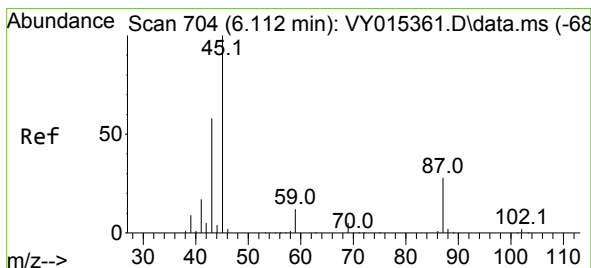
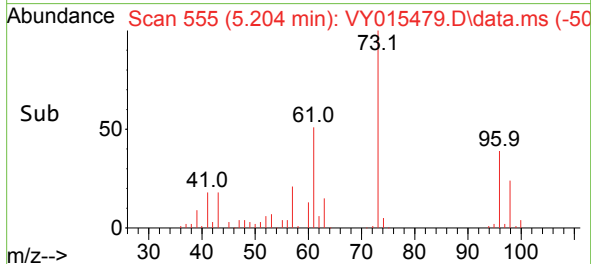
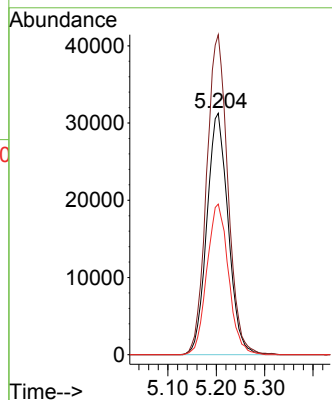
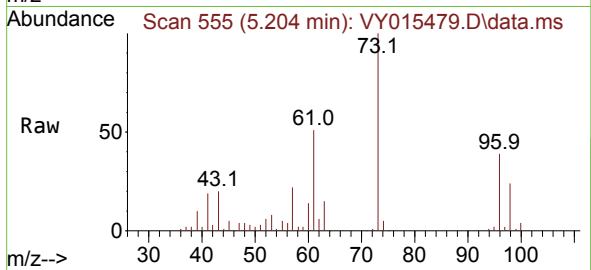




#21
trans-1,2-Dichloroethene
Concen: 45.117 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

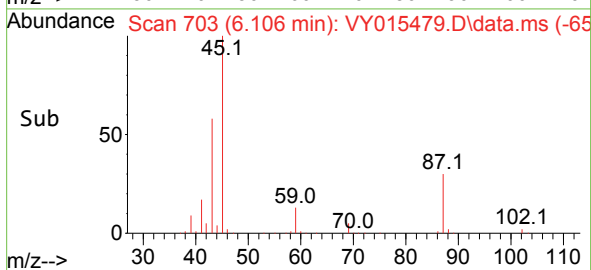
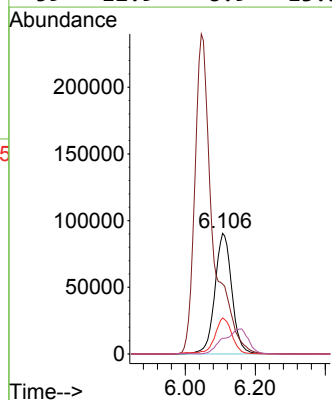
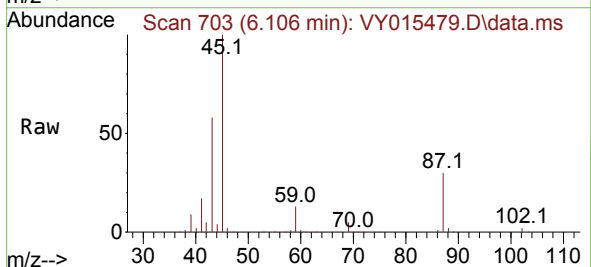
Instrument :
MSVOA_Y
ClientSampleId :

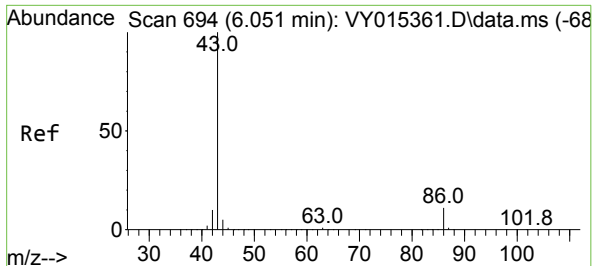
Tgt Ion: 96 Resp: 95840
Ion Ratio Lower Upper
96 100
61 132.6 110.2 165.4
98 62.4 51.8 77.6



#22
Diisopropyl ether
Concen: 47.364 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 45 Resp: 304253
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 29.8 21.0 31.6
59 12.9 8.9 13.3

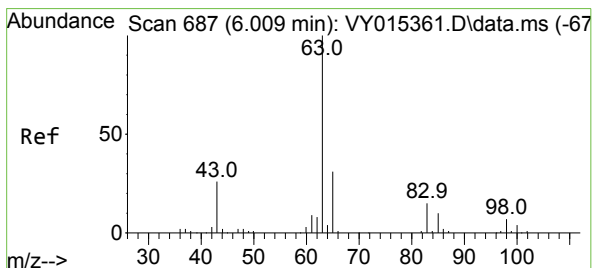
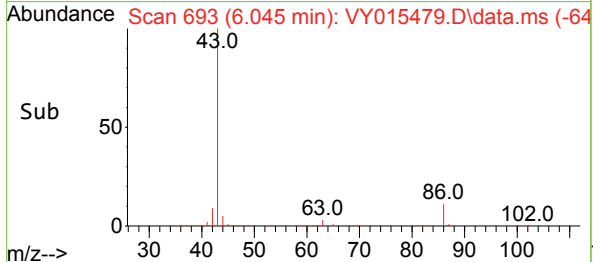
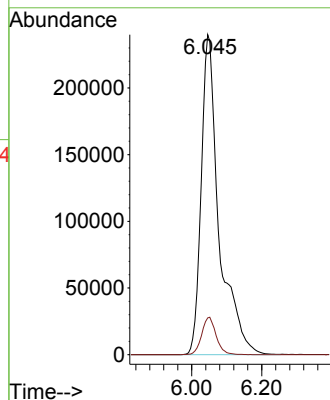
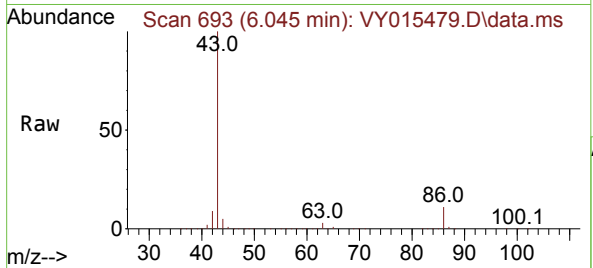




#23
 Vinyl Acetate
 Concen: 209.386 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

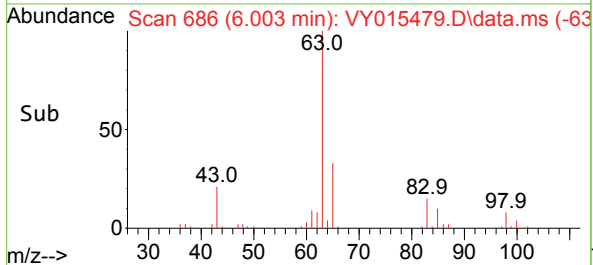
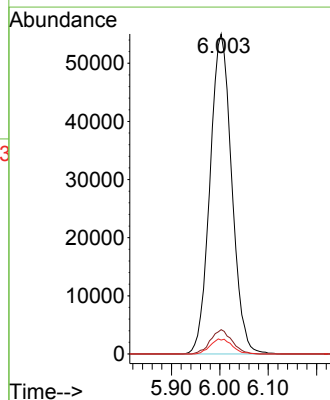
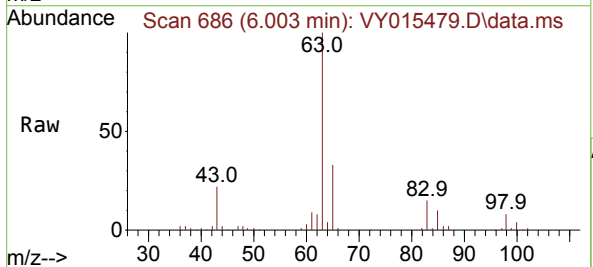
Instrument :
 MSVOA_Y
 ClientSampleId :

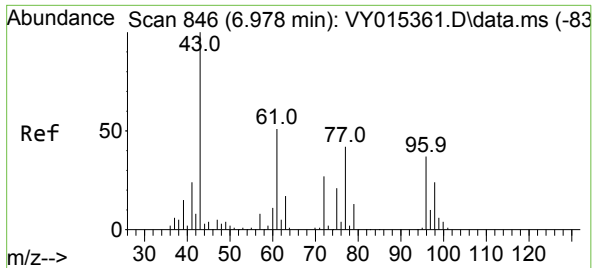
Tgt Ion: 43 Resp: 849227
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.298 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Tgt Ion: 63 Resp: 171921
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.3 1.8 5.5

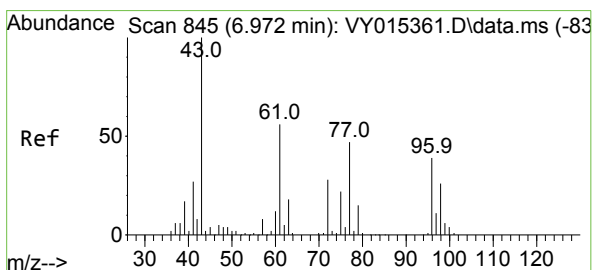
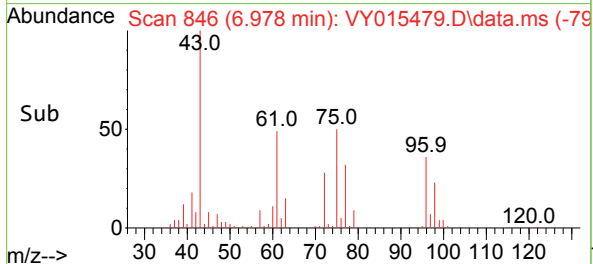
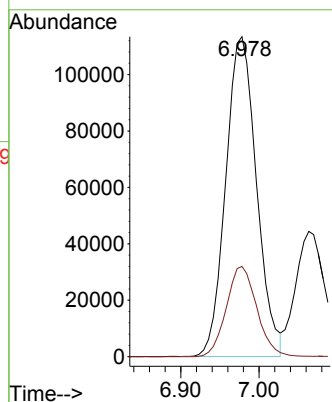
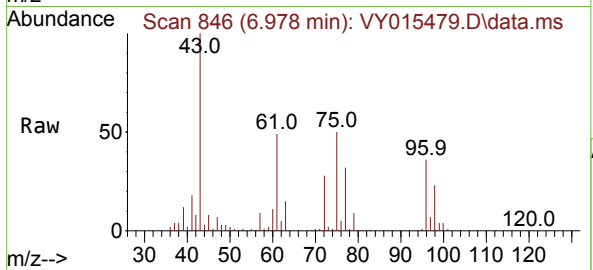




#25
2-Butanone
Concen: 263.009 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

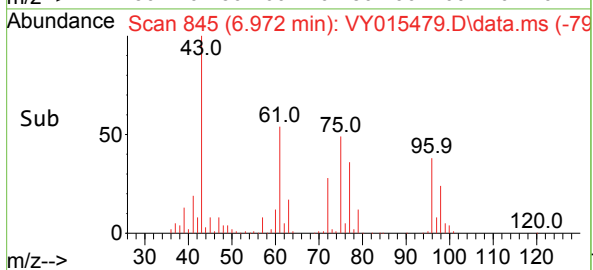
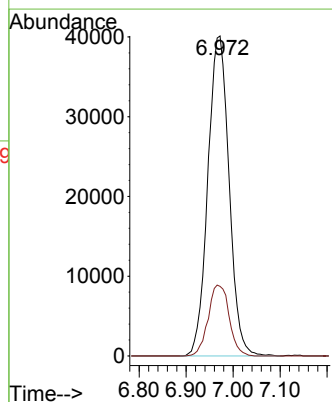
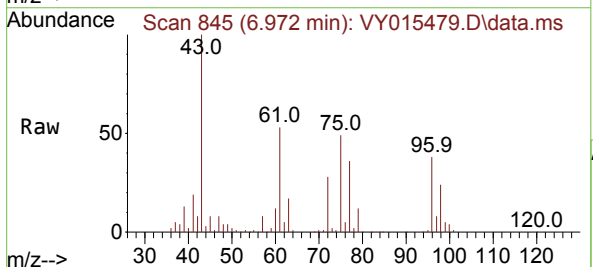
Instrument :
MSVOA_Y
ClientSampleId :

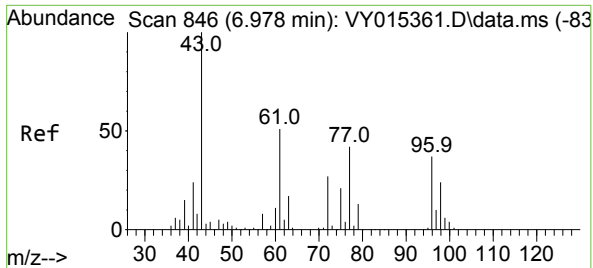
Tgt Ion: 43 Resp: 309744
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 39.842 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 77 Resp: 125661
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

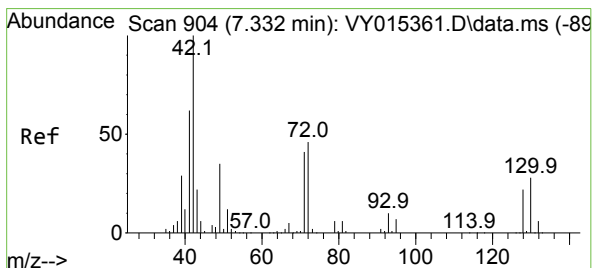
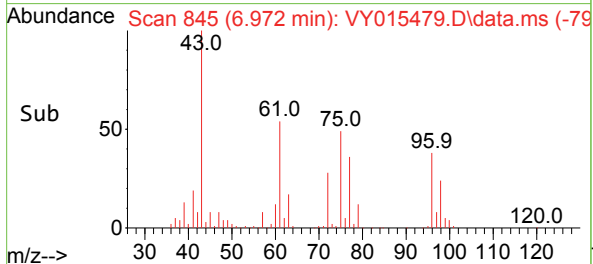
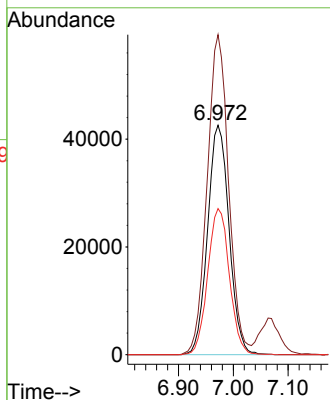
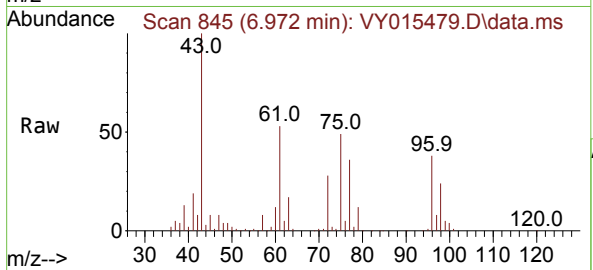




#27
 cis-1,2-Dichloroethene
 Concen: 48.087 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

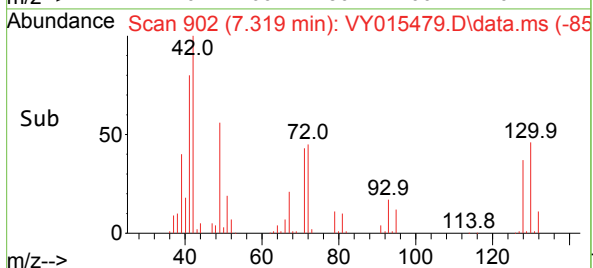
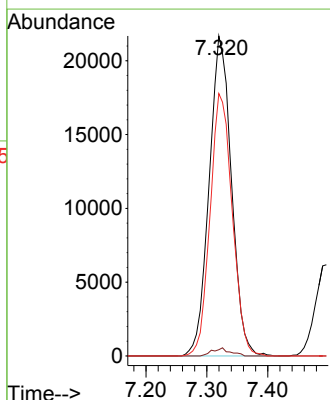
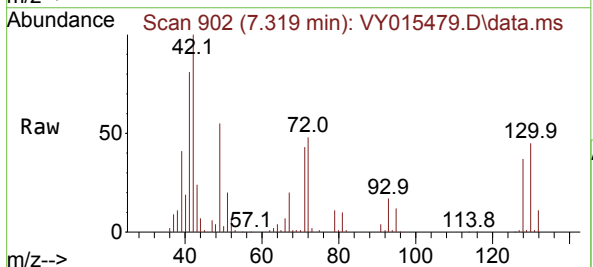
Instrument :
 MSVOA_Y
 ClientSampleId :

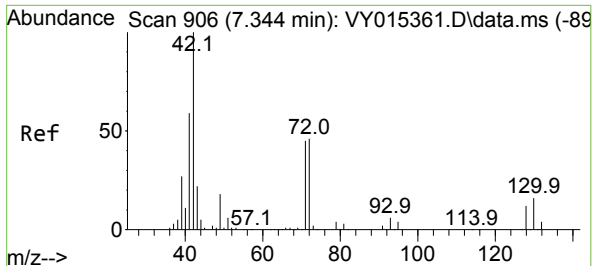
Tgt Ion: 96 Resp: 115883
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 301.4
 98 64.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 48.412 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Tgt Ion: 49 Resp: 55129
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 277.799 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

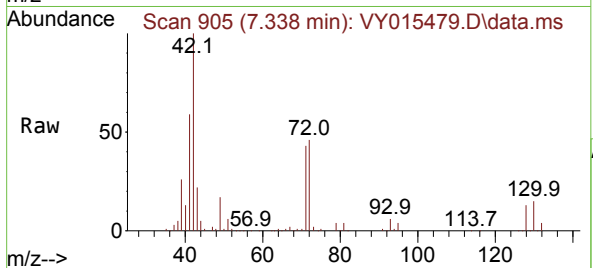
Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :



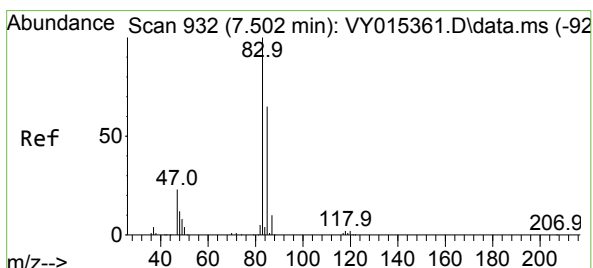
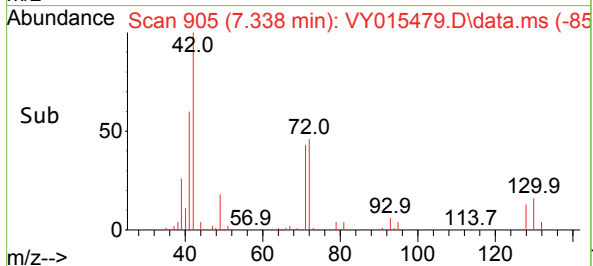
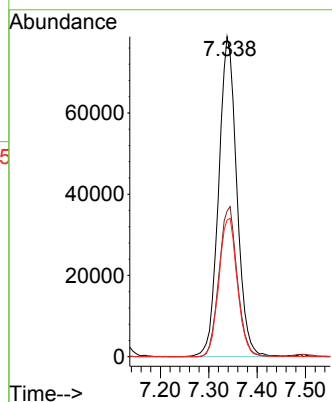
Tgt Ion: 42 Resp: 205450

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 44.1 31.0 46.4



#30

Chloroform

Concen: 48.191 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY015479.D

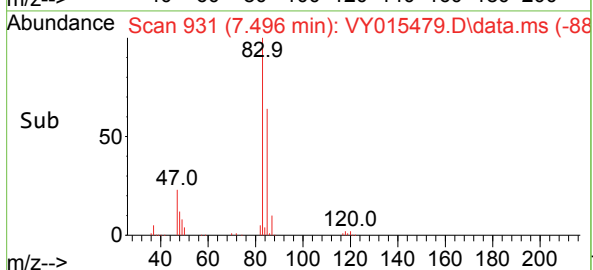
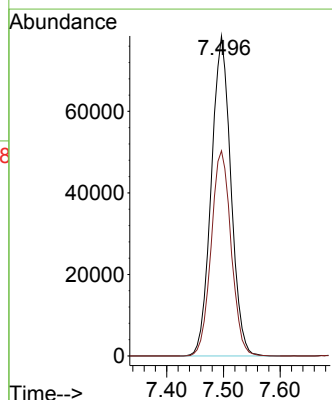
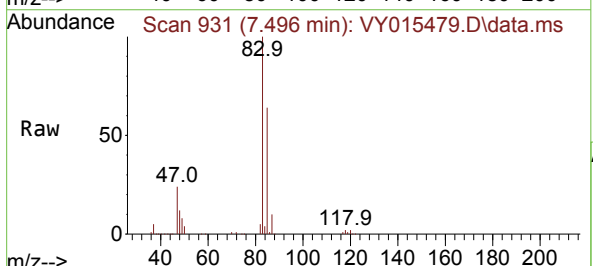
Acq: 07 Sep 2023 20:10

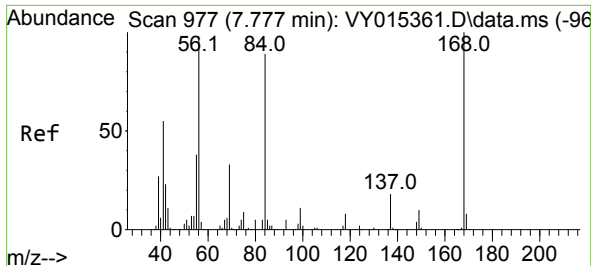
Tgt Ion: 83 Resp: 188121

Ion Ratio Lower Upper

83 100

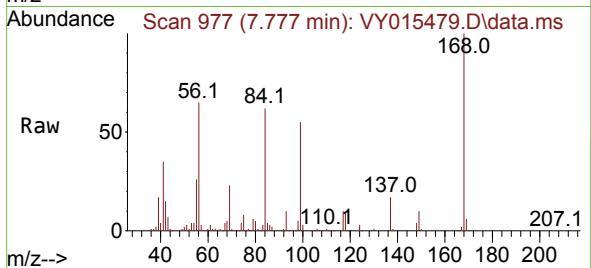
85 64.1 49.7 74.5



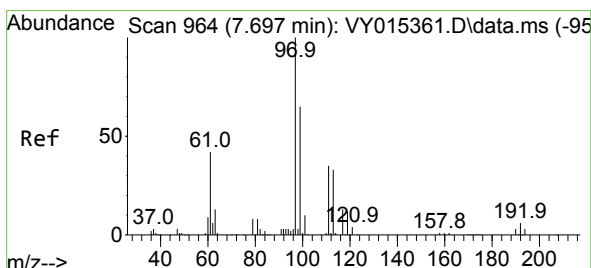
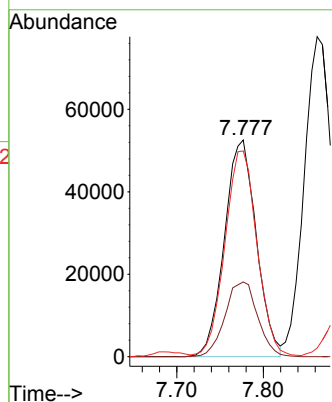
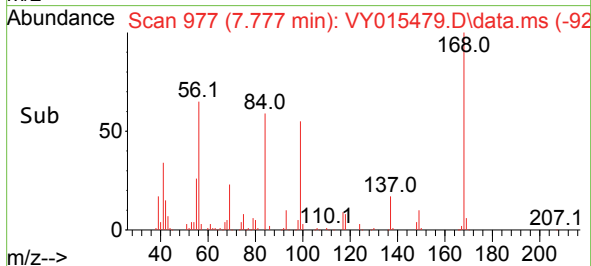


#31
Cyclohexane
Concen: 38.057 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

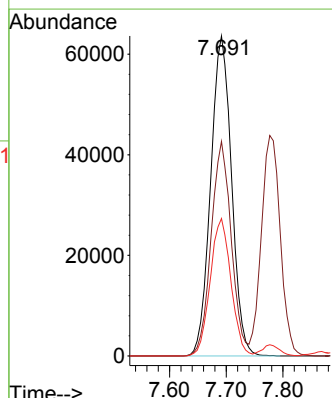
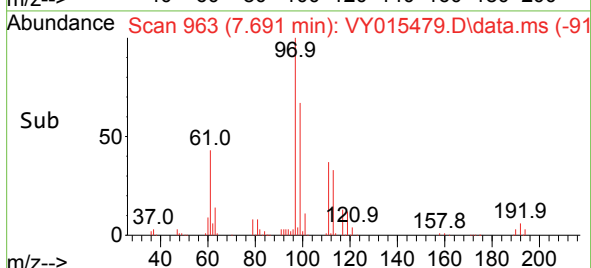
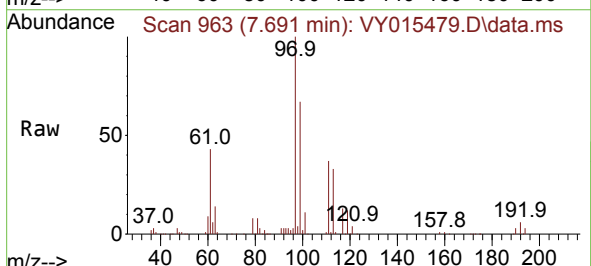


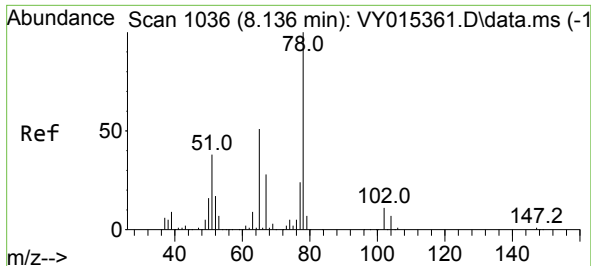
Tgt Ion: 56 Resp: 134482
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 93.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.625 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 97 Resp: 162567
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.025 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

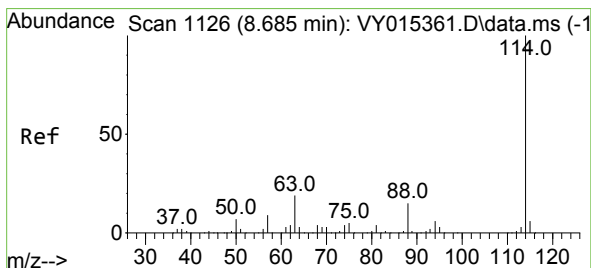
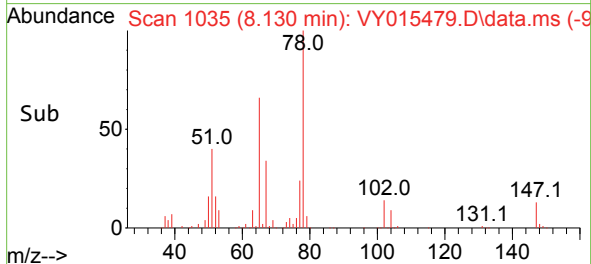
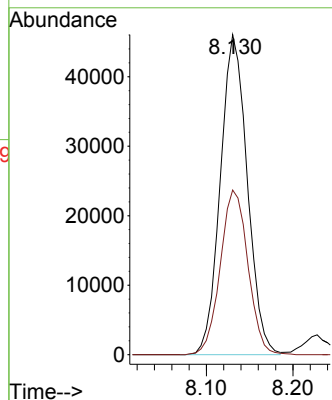
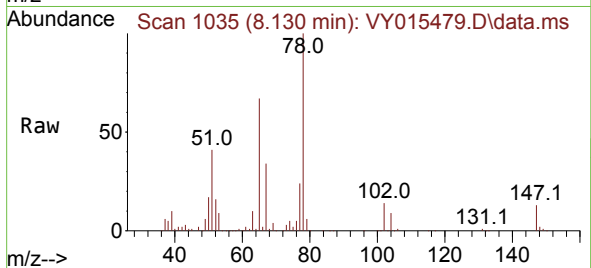
ClientSampleId :

Tgt Ion: 65 Resp: 99516

Ion Ratio Lower Upper

65 100

67 52.8 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: VY015479.D

Acq: 07 Sep 2023 20:10

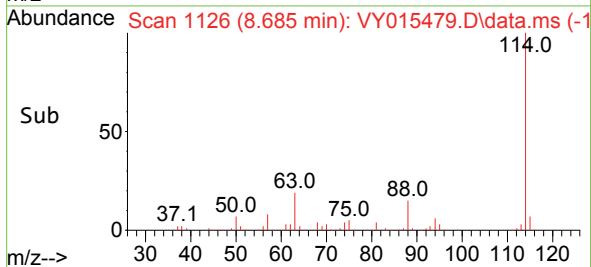
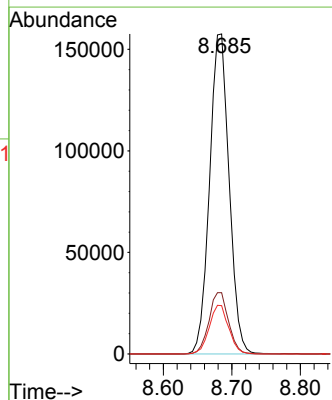
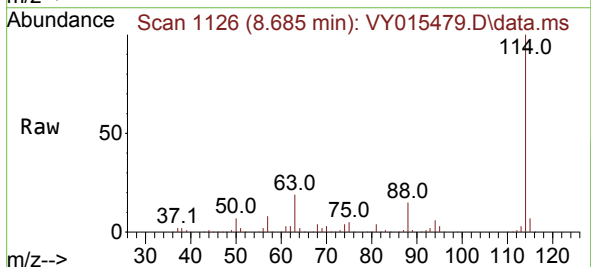
Tgt Ion: 114 Resp: 311671

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.1 0.0 30.6

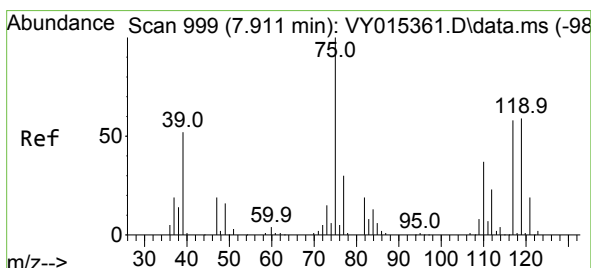
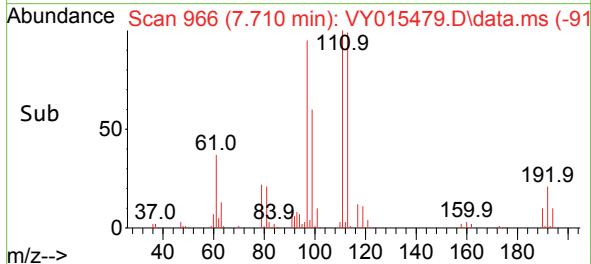
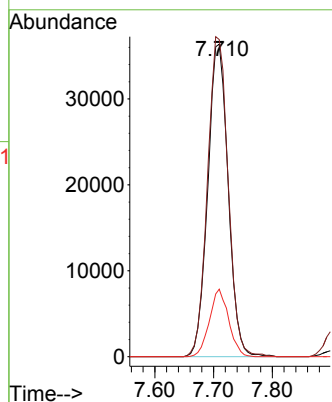
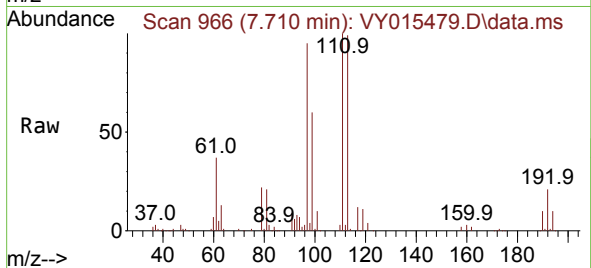




#35
Dibromofluoromethane
Concen: 48.844 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

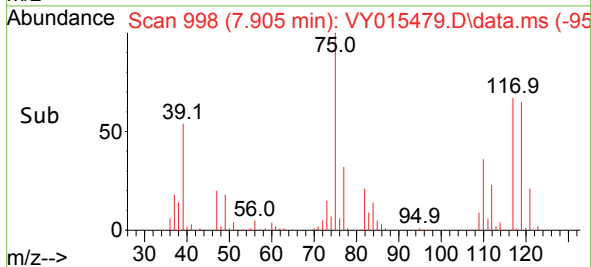
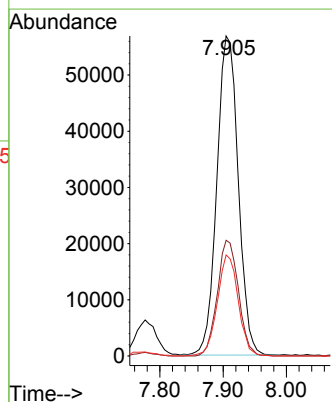
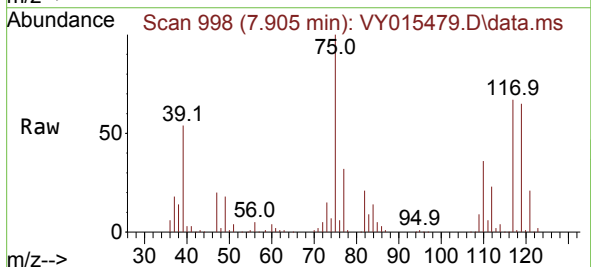
Instrument :
MSVOA_Y
ClientSampleId :

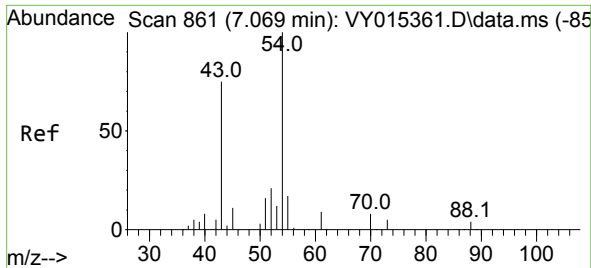
Tgt Ion:113 Resp: 87682
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 42.245 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 75 Resp: 133159
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.9 24.4 36.6

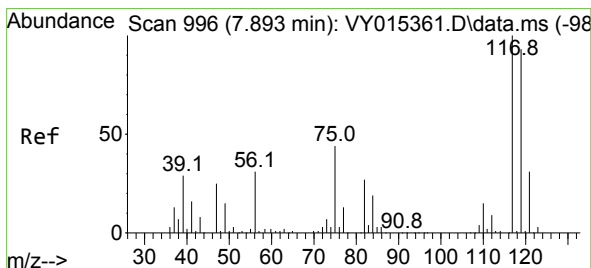
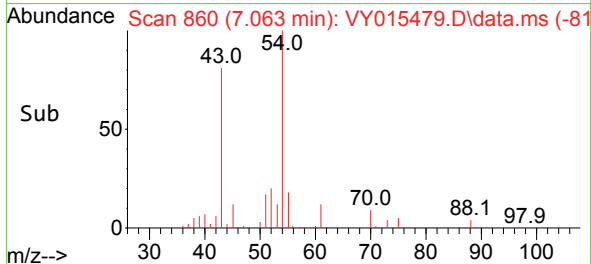
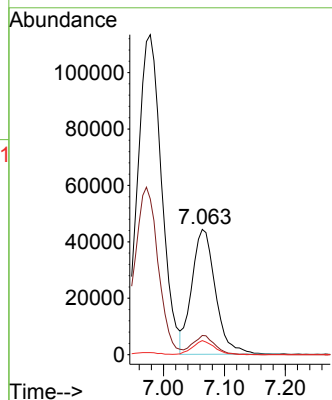
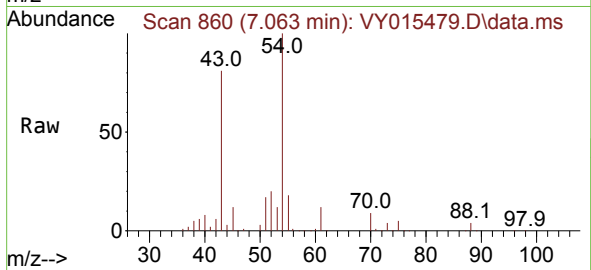




#37
Ethyl Acetate
Concen: 49.028 ug/l
RT: 7.063 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

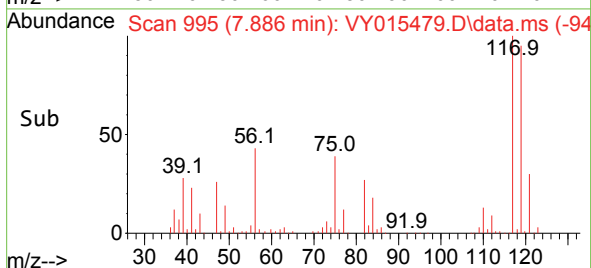
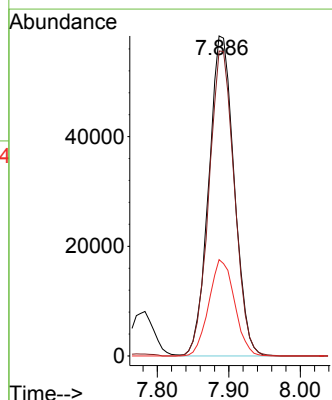
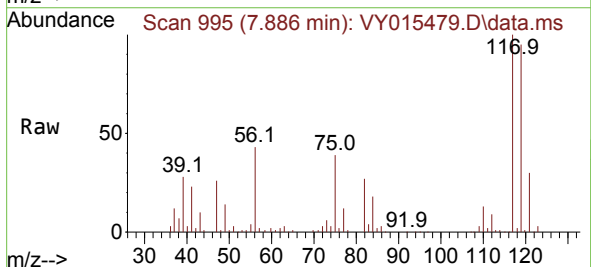
Instrument :
MSVOA_Y
ClientSampleId :

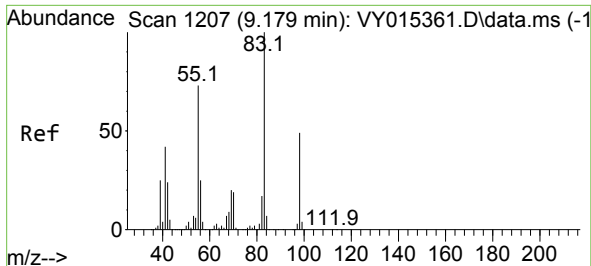
Tgt Ion: 43 Resp: 119189
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 44.299 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 117 Resp: 144217
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 39.756 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

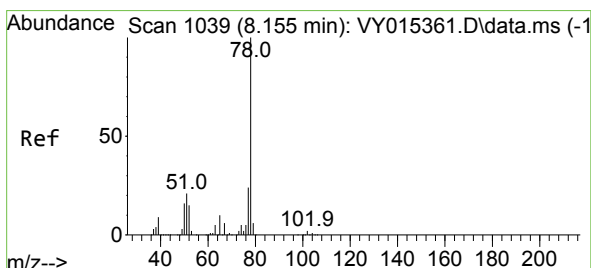
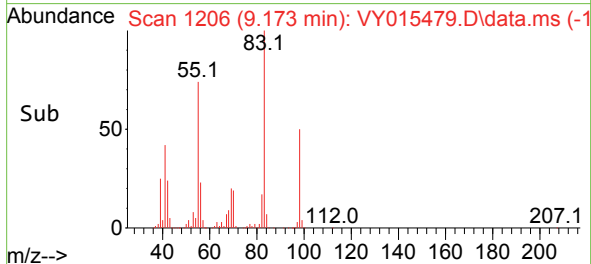
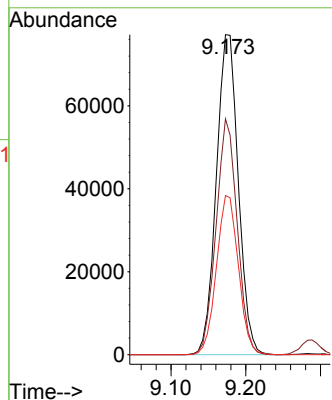
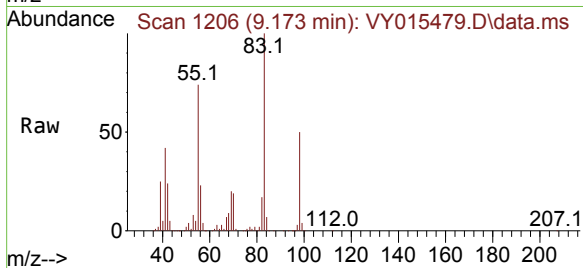
Tgt Ion: 83 Resp: 157765

Ion Ratio Lower Upper

83 100

55 73.7 63.0 94.4

98 49.8 37.4 56.2



#40

Benzene

Concen: 44.882 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015479.D

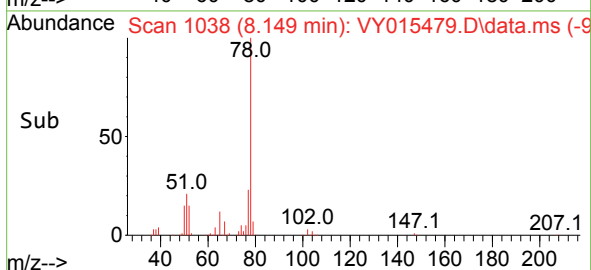
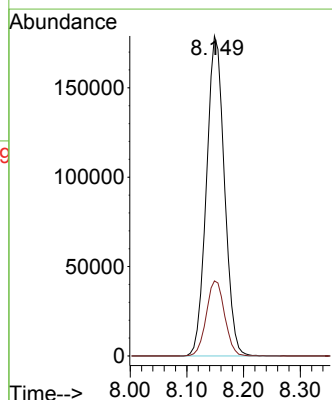
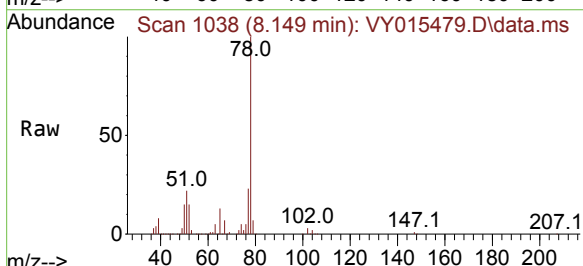
Acq: 07 Sep 2023 20:10

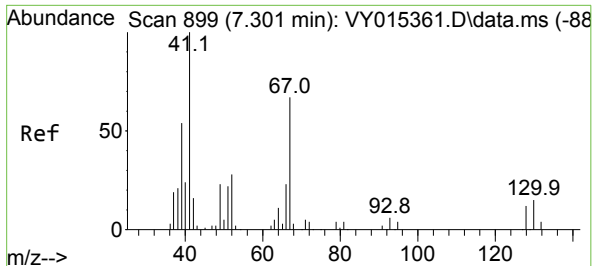
Tgt Ion: 78 Resp: 394709

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

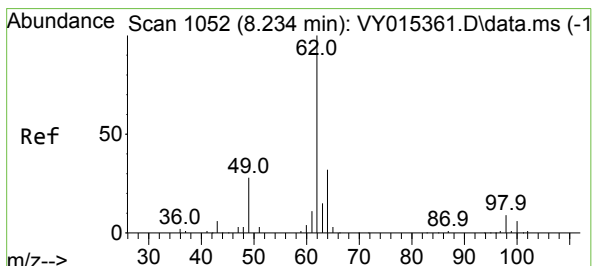
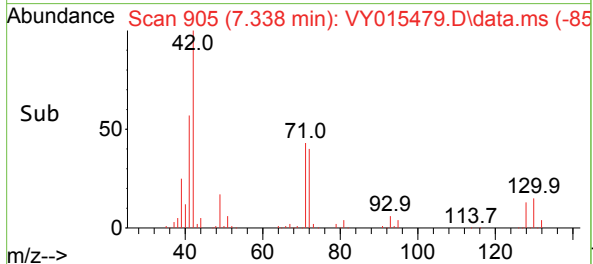
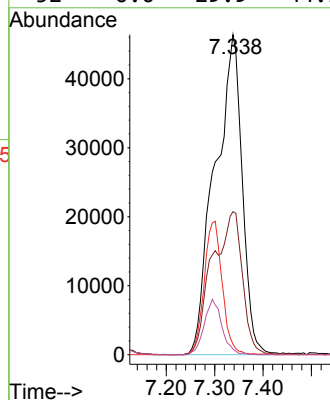
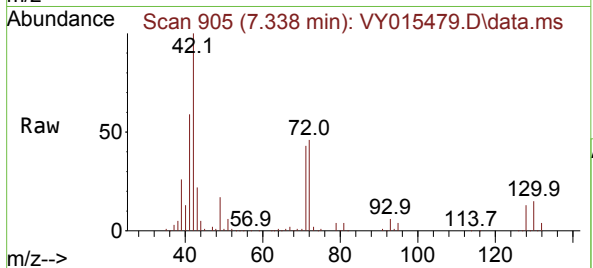




#41
Methacrylonitrile
Concen: 159.079 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

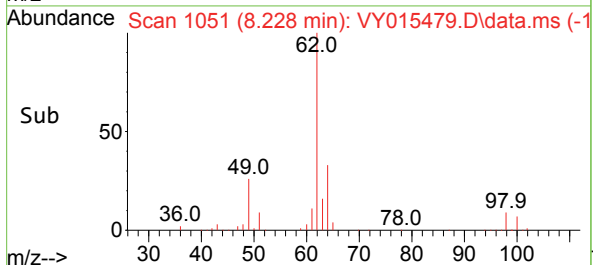
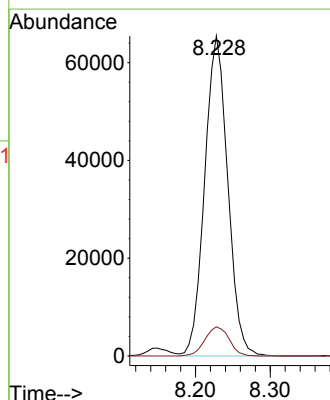
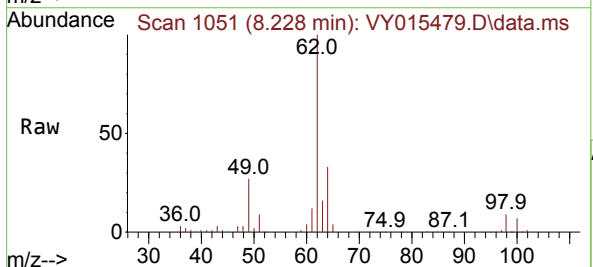
Instrument :
MSVOA_Y
ClientSampleId :

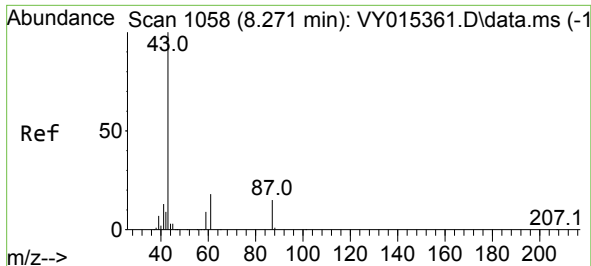
Tgt Ion: 41 Resp: 181353
Ion Ratio Lower Upper
41 100
39 49.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 47.833 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

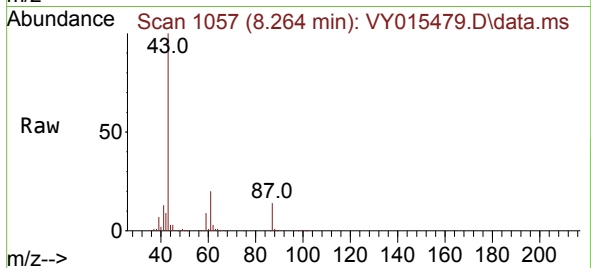
Tgt Ion: 62 Resp: 140271
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8



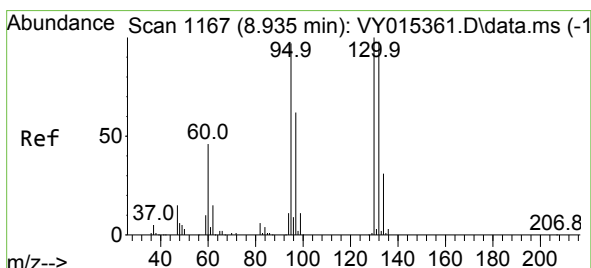
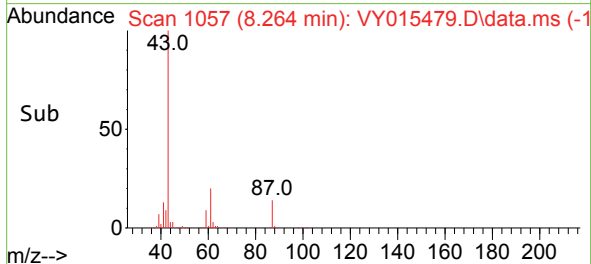
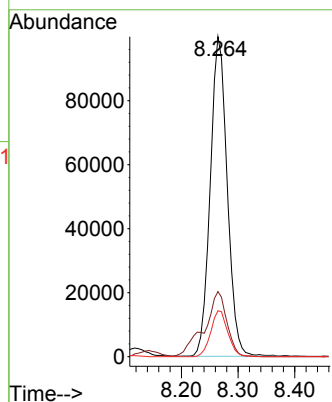


#43
Isopropyl Acetate
Concen: 49.398 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

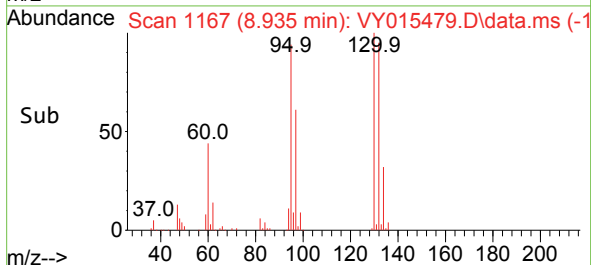
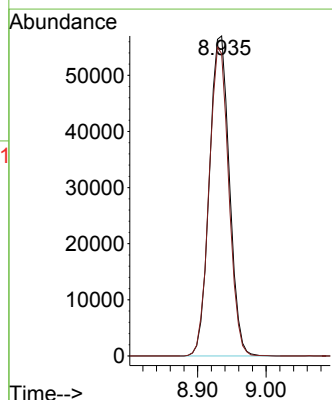
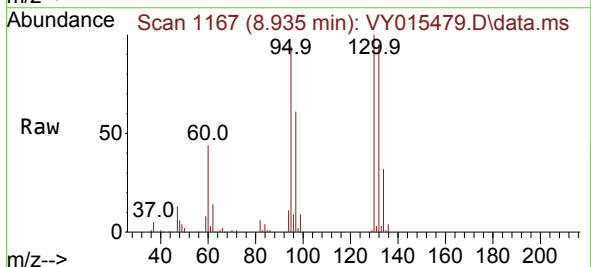


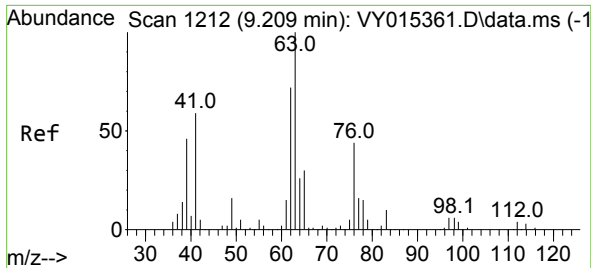
Tgt Ion: 43 Resp: 207659
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 46.488 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:130 Resp: 115672
Ion Ratio Lower Upper
130 100
95 94.4 0.0 196.0

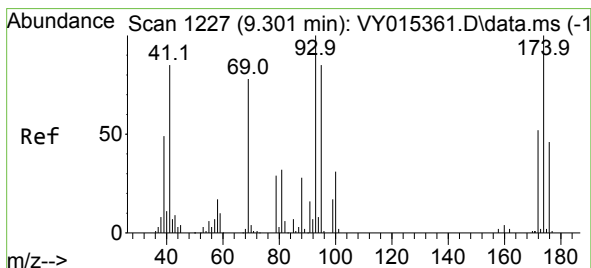
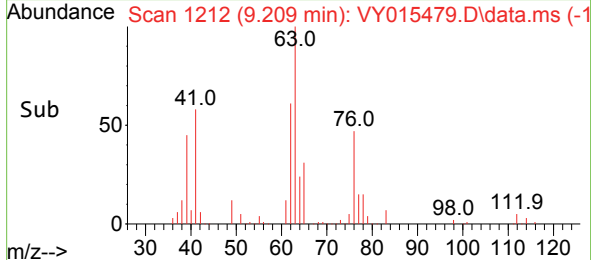
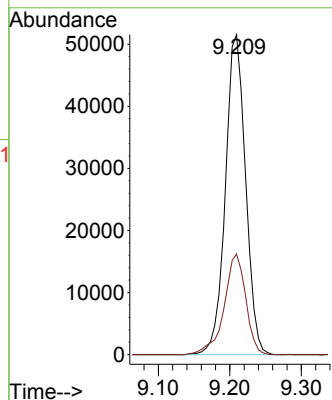
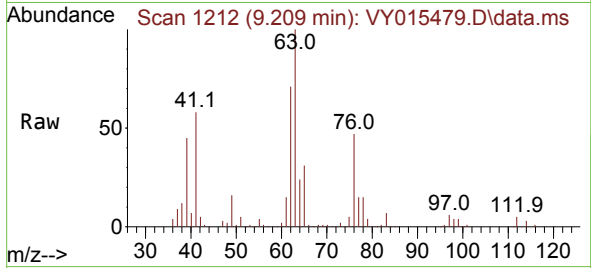




#45
1,2-Dichloropropane
Concen: 45.580 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

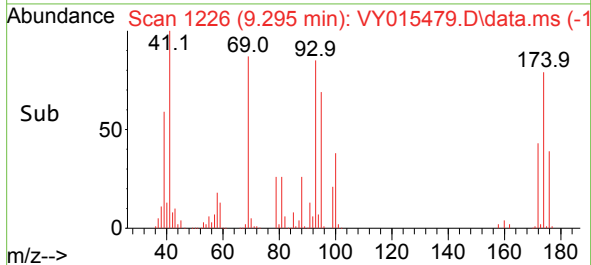
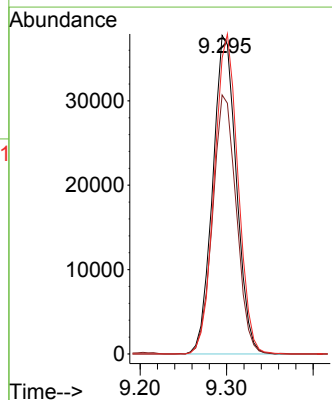
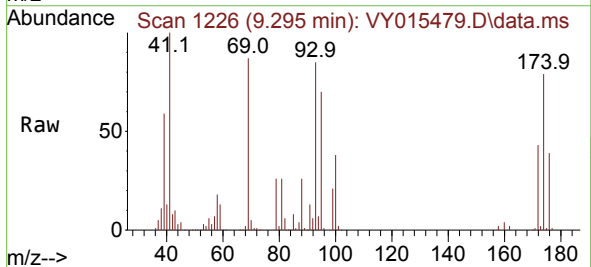
Instrument :
MSVOA_Y
ClientSampleId :

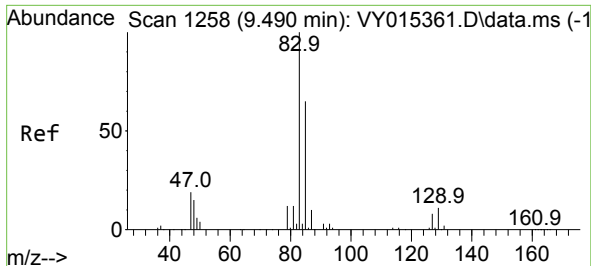
Tgt Ion: 63 Resp: 101048
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6



#46
Dibromomethane
Concen: 48.737 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 93 Resp: 71772
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 100.2 84.8 127.2

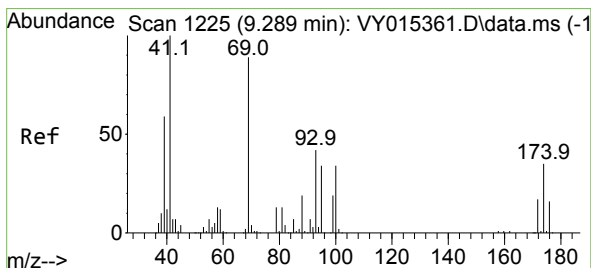
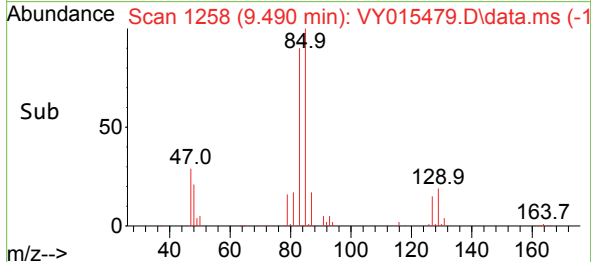
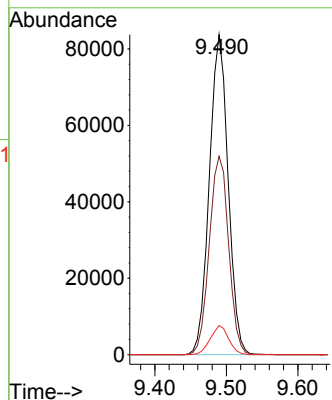
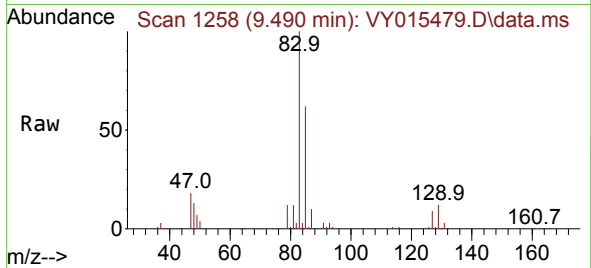




#47
Bromodichloromethane
Concen: 48.492 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

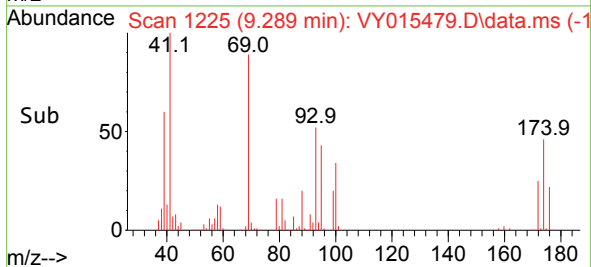
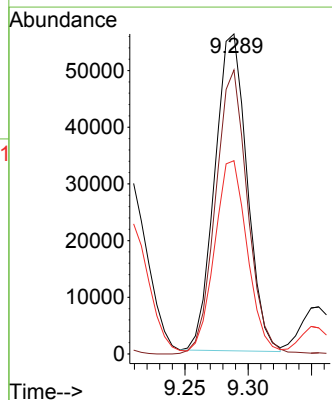
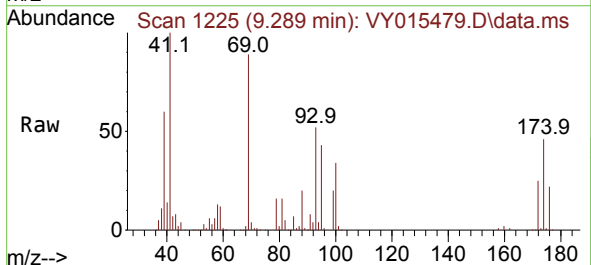
Instrument :
MSVOA_Y
ClientSampleId :

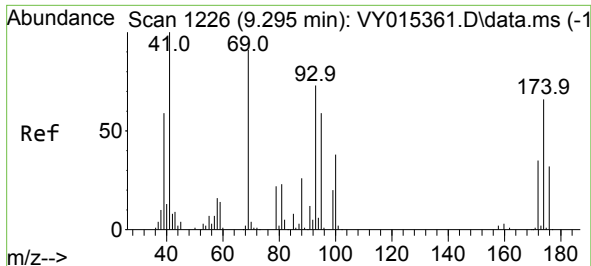
Tgt Ion: 83 Resp: 152713
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 51.544 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 41 Resp: 99416
Ion Ratio Lower Upper
41 100
69 88.9 64.5 96.7
39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1139.710 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

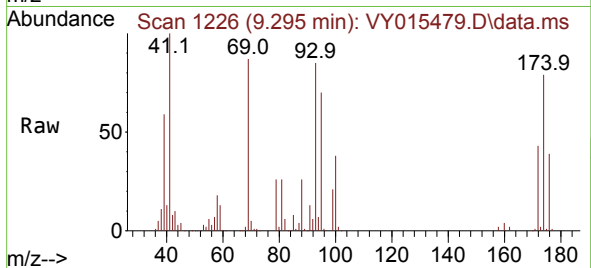
Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :



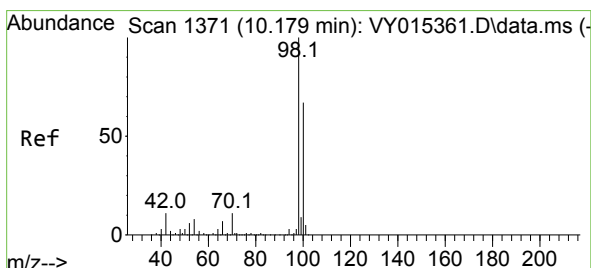
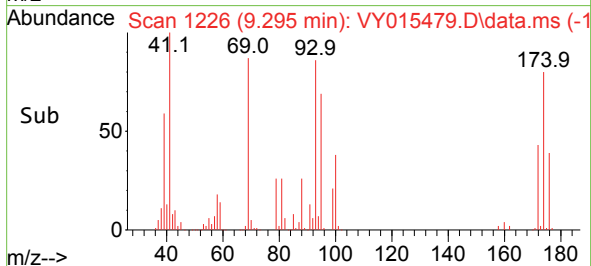
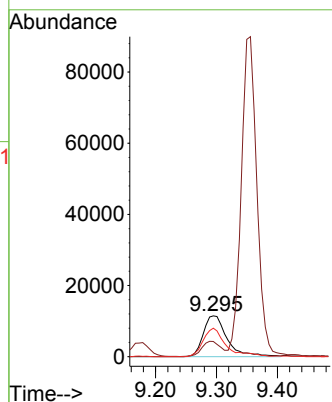
Tgt Ion: 88 Resp: 31175

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 66.8 30.9 46.3#



#50

Toluene-d8

Concen: 46.615 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015479.D

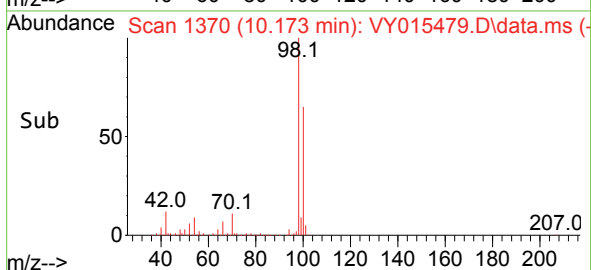
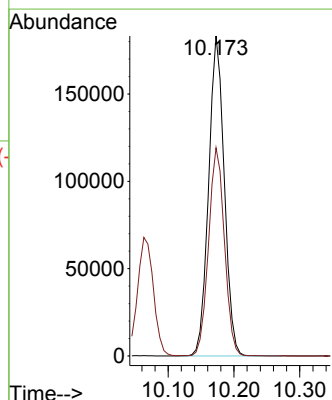
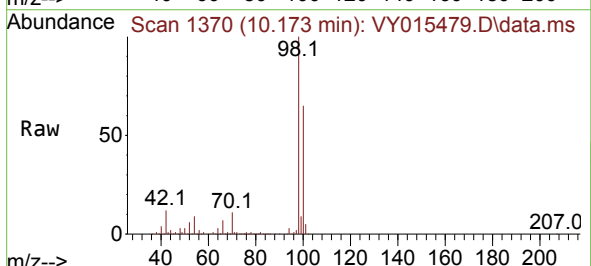
Acq: 07 Sep 2023 20:10

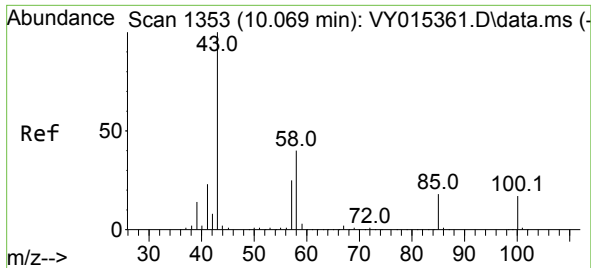
Tgt Ion: 98 Resp: 303039

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

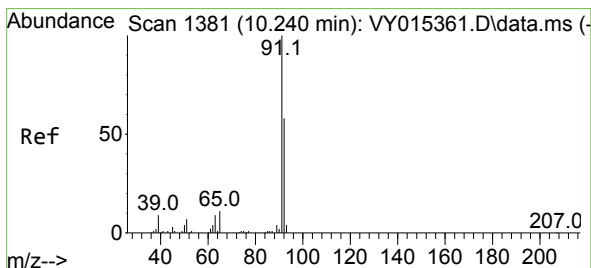
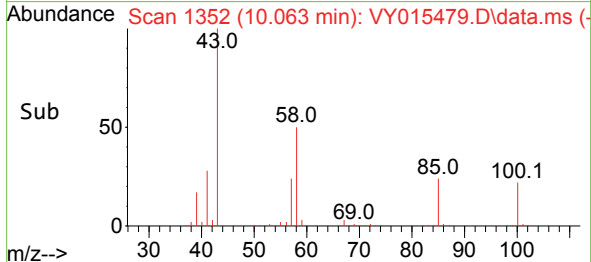
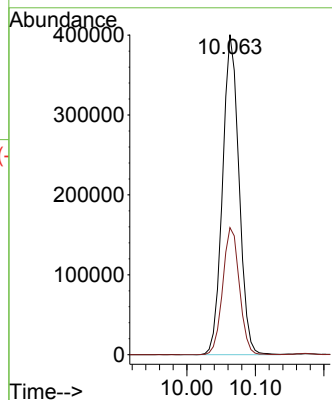
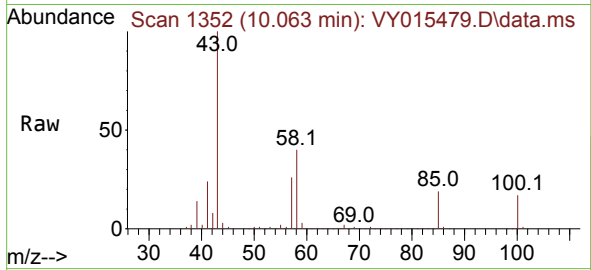




#51
4-Methyl-2-Pentanone
Concen: 272.086 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

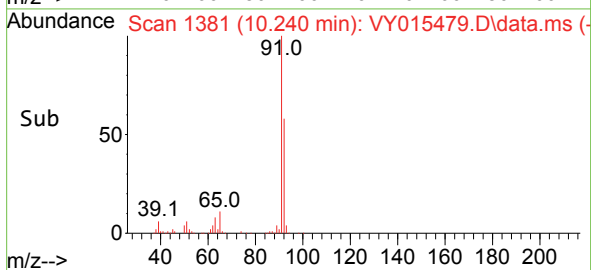
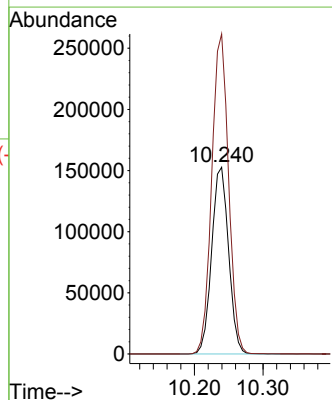
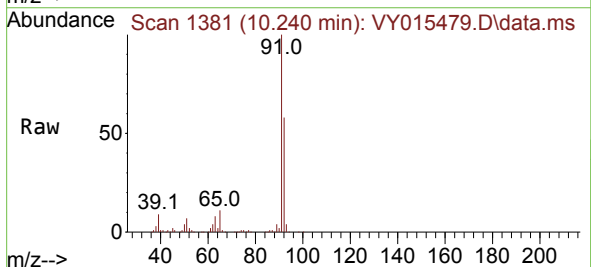
Instrument :
MSVOA_Y
ClientSampleId :

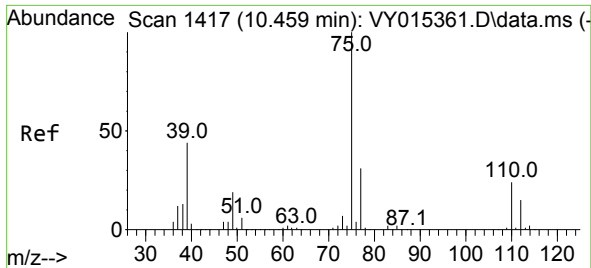
Tgt Ion: 43 Resp: 664803
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 46.362 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 92 Resp: 261326
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6

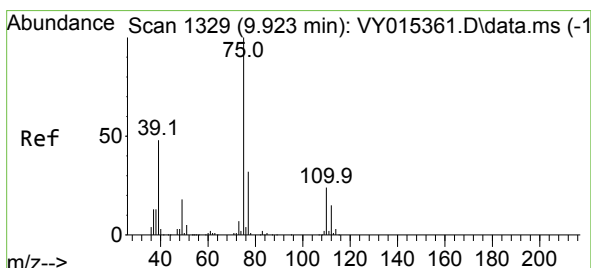
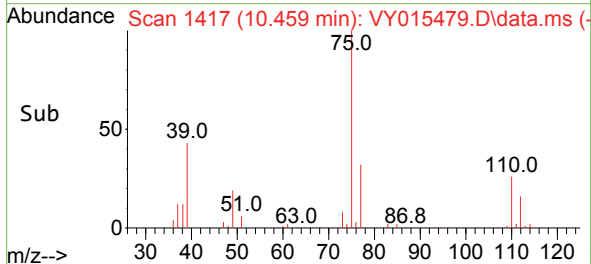
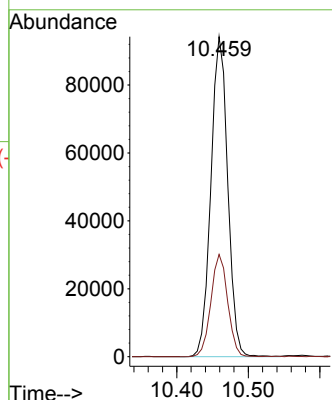
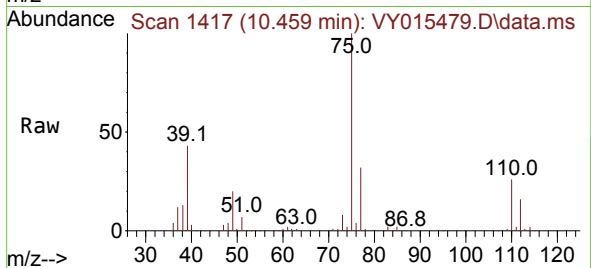




#53
t-1,3-Dichloropropene
Concen: 46.028 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

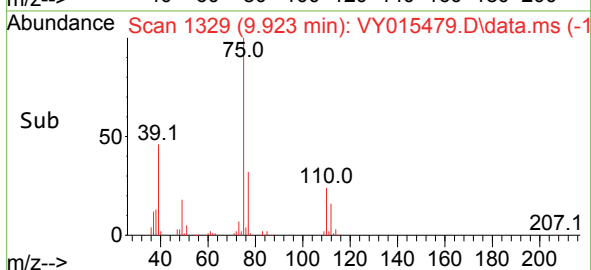
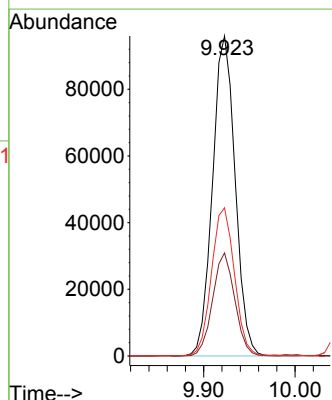
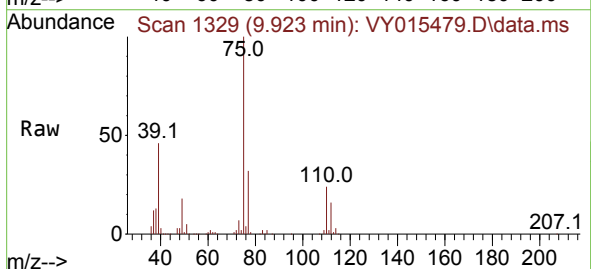
Instrument :
MSVOA_Y
ClientSampleId :

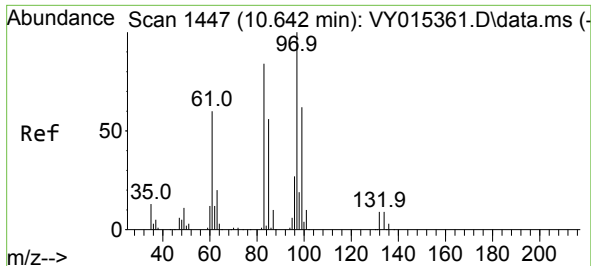
Tgt Ion: 75 Resp: 154052
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 45.321 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

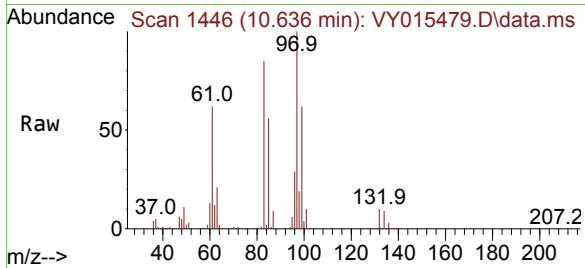
Tgt Ion: 75 Resp: 165003
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 46.2 42.2 63.4



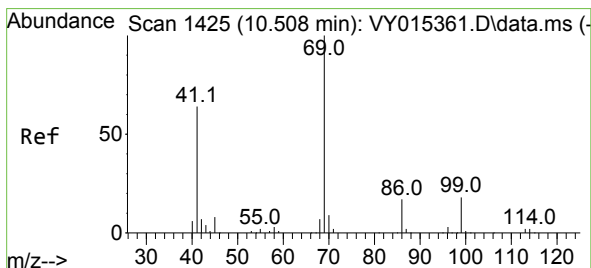
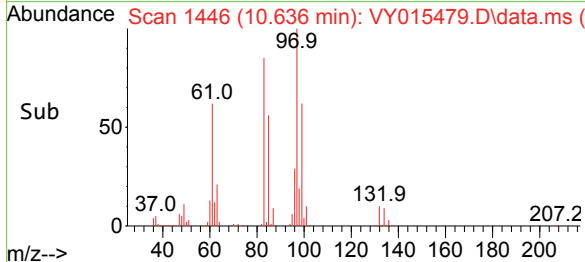
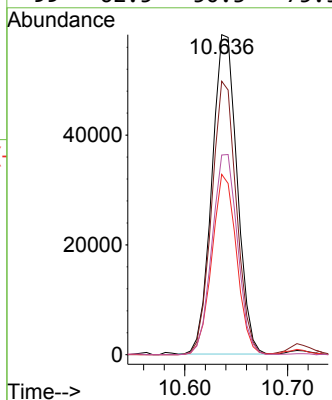


#55
1,1,2-Trichloroethane
Concen: 49.996 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

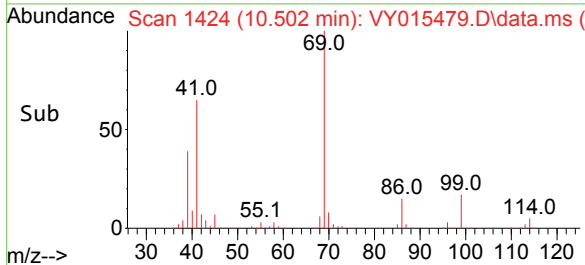
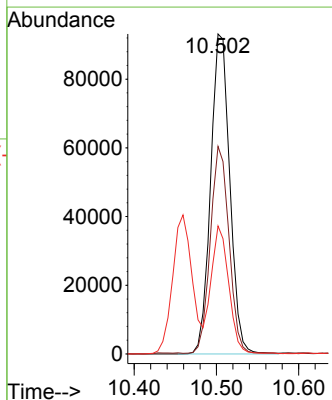
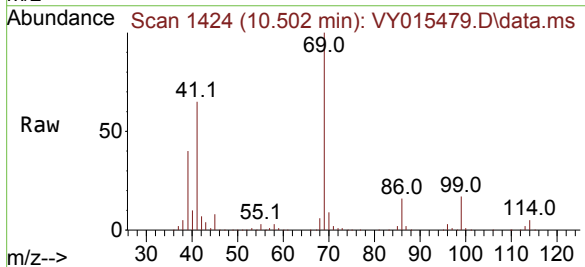


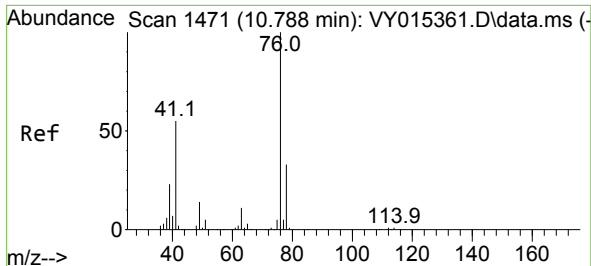
Tgt Ion:	97	Resp:	99204
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.0	108.0
85	56.4	45.4	68.0
99	62.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 51.086 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:	69	Resp:	150215
Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.6	86.4
39	36.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.169 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

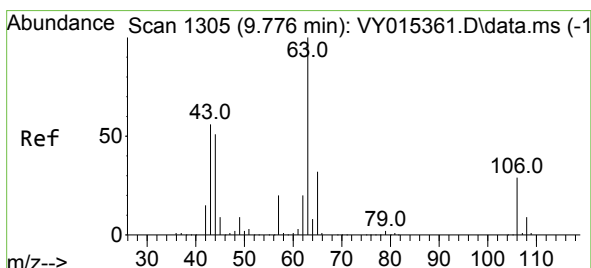
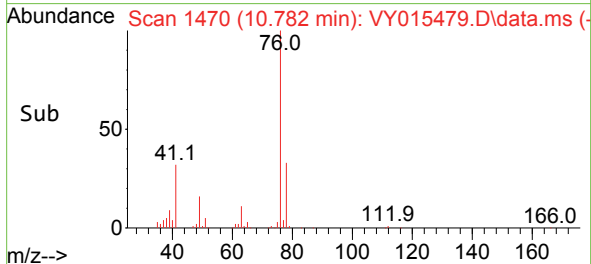
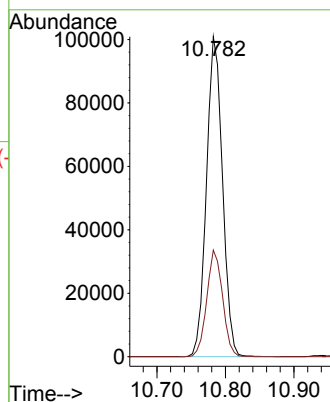
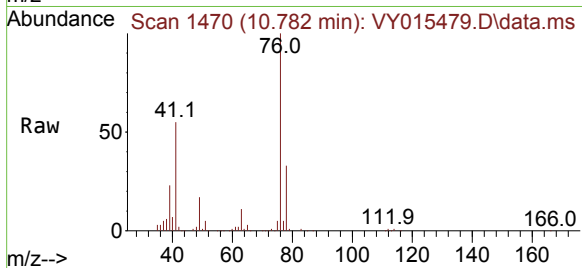
ClientSampleId :

Tgt Ion: 76 Resp: 164527

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 250.740 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015479.D

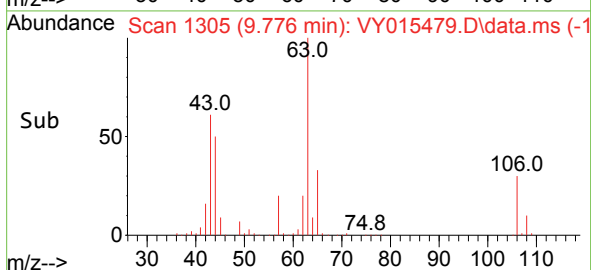
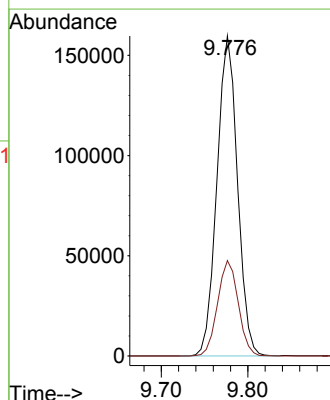
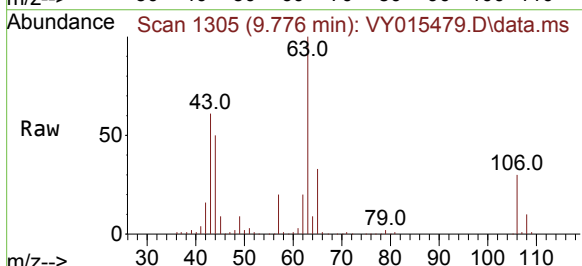
Acq: 07 Sep 2023 20:10

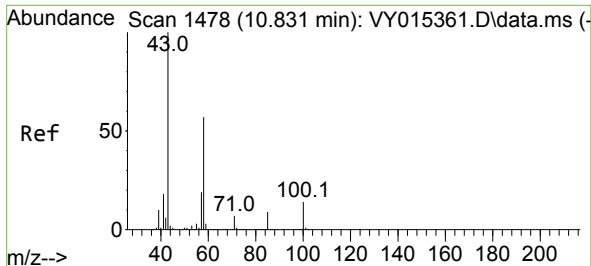
Tgt Ion: 63 Resp: 263162

Ion Ratio Lower Upper

63 100

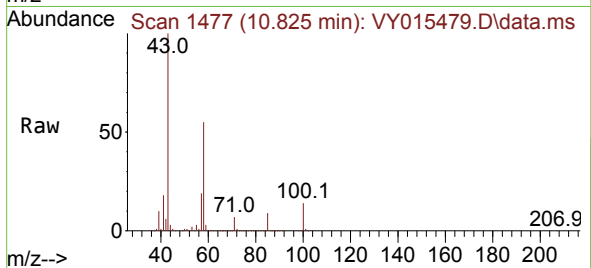
106 29.9 21.2 31.8



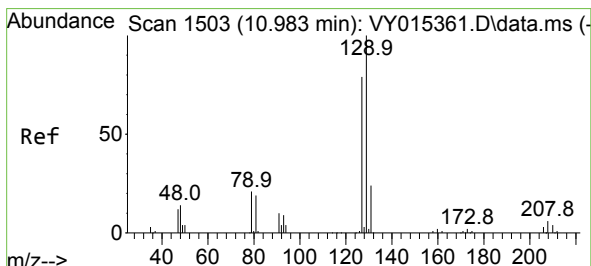
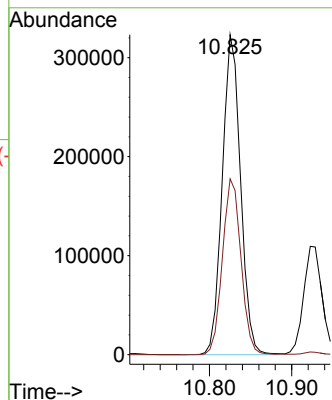
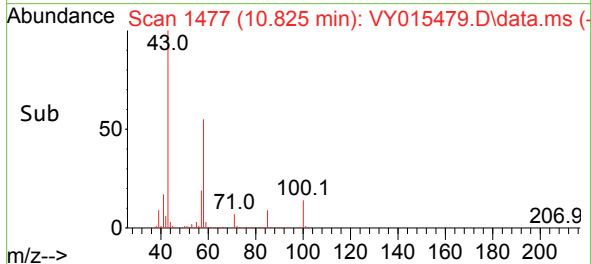


#59
2-Hexanone
Concen: 272.926 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

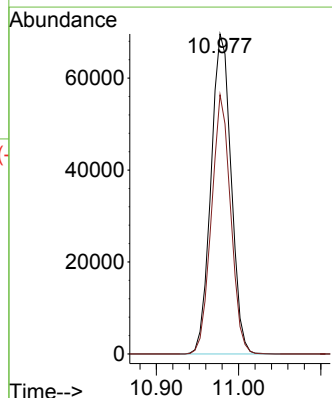
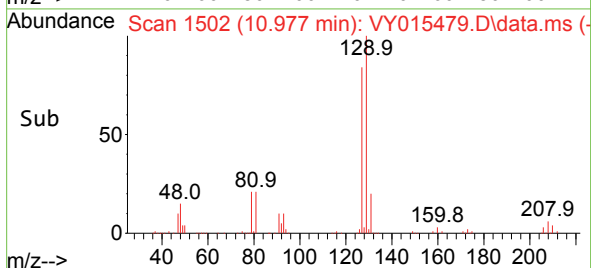
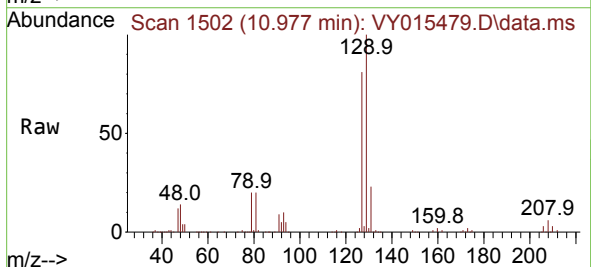


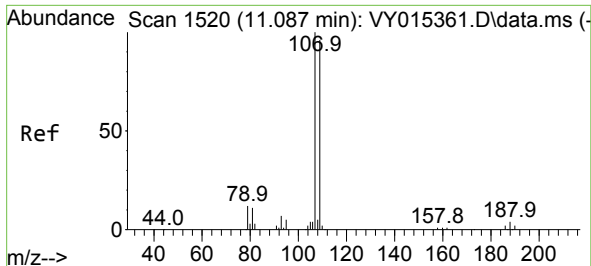
Tgt Ion: 43 Resp: 500376
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 51.010 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 129 Resp: 118469
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

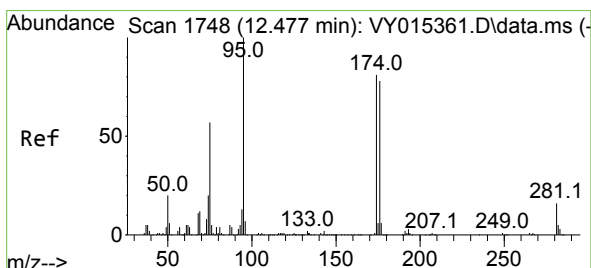
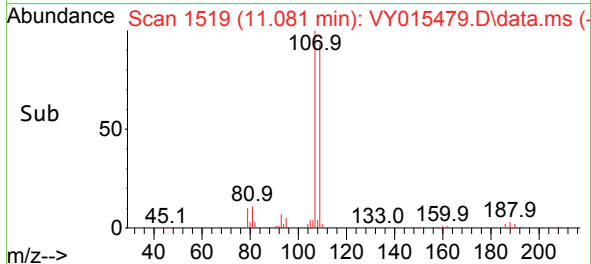
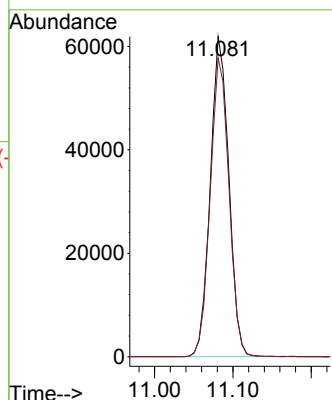
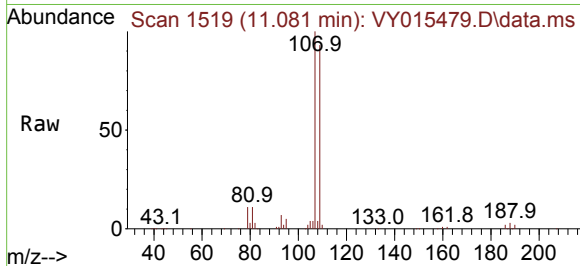




#61
1,2-Dibromoethane
Concen: 50.603 ug/l
RT: 11.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

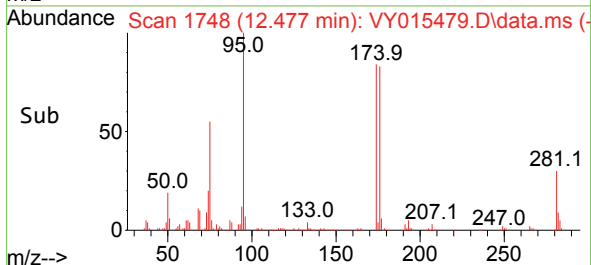
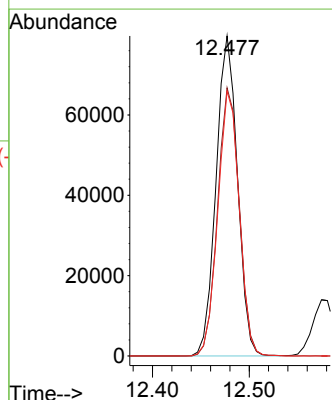
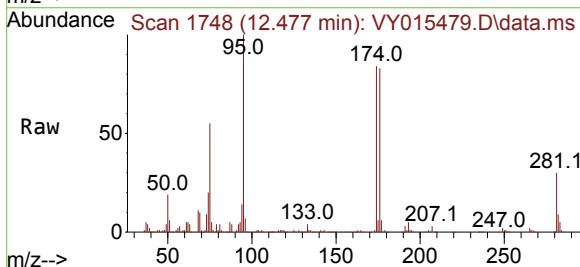
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 101743
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.667 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 95 Resp: 122280
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

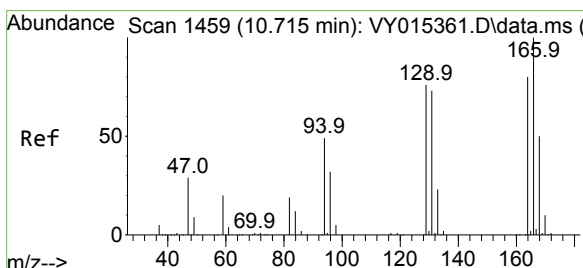
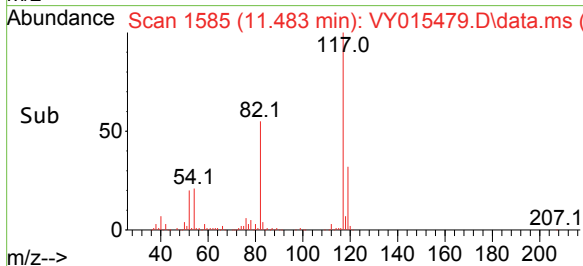
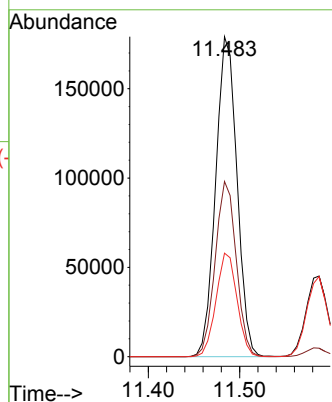
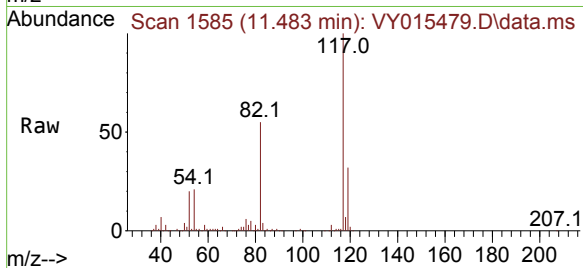
Tgt Ion:117 Resp: 290544

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 52.303 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Tgt Ion:164 Resp: 137931

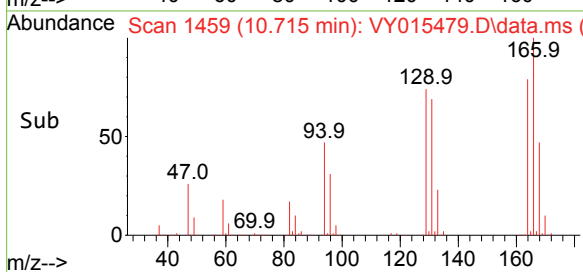
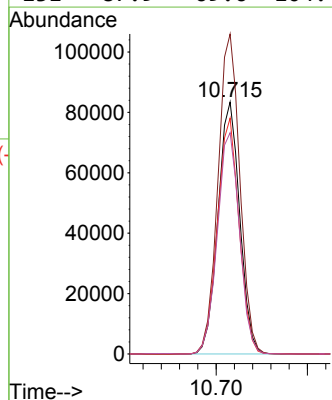
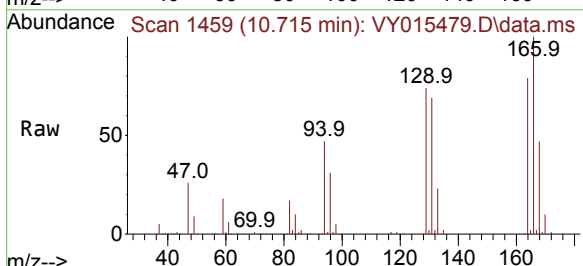
Ion Ratio Lower Upper

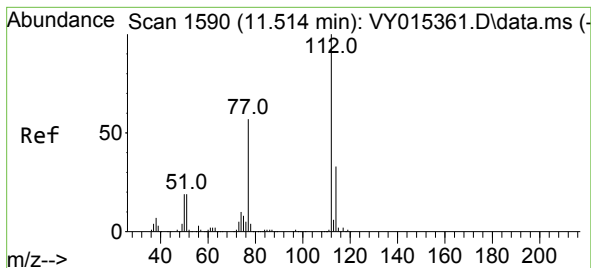
164 100

166 127.0 103.0 154.6

129 93.6 77.2 115.8

131 87.9 69.6 104.4





#65

Chlorobenzene

Concen: 46.063 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

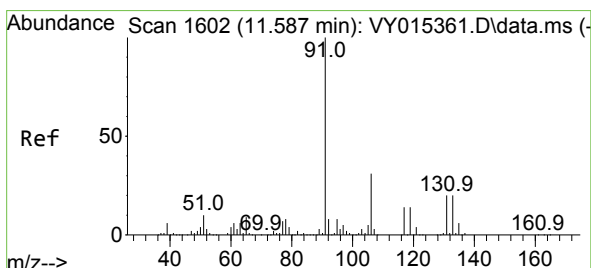
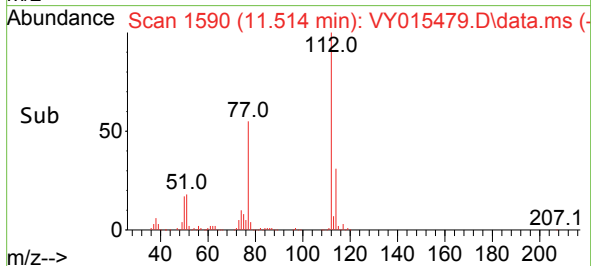
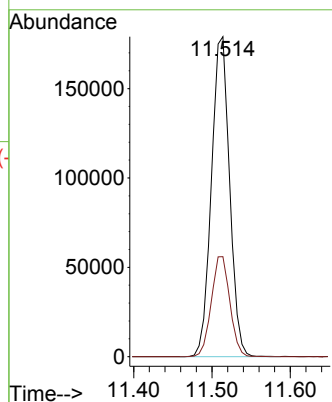
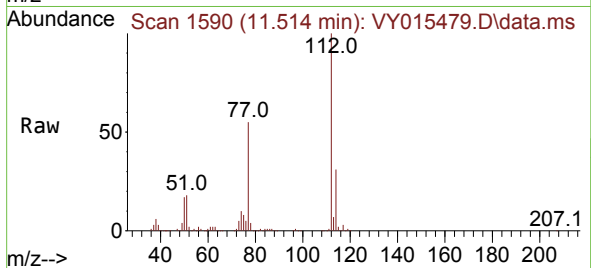
ClientSampleId :

Tgt Ion:112 Resp: 288394

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.948 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

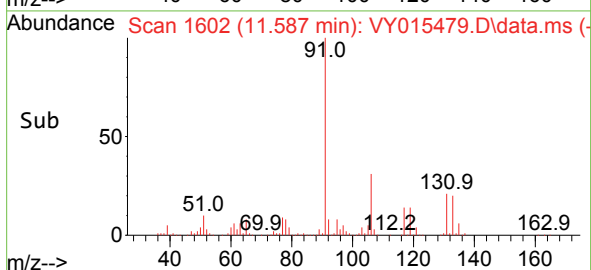
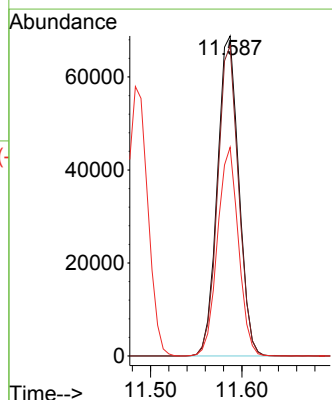
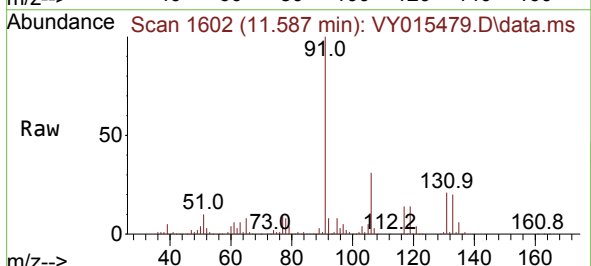
Tgt Ion:131 Resp: 112168

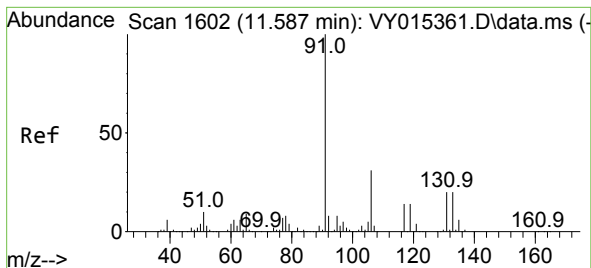
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 44.782 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

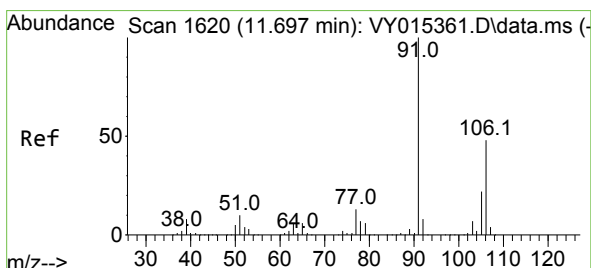
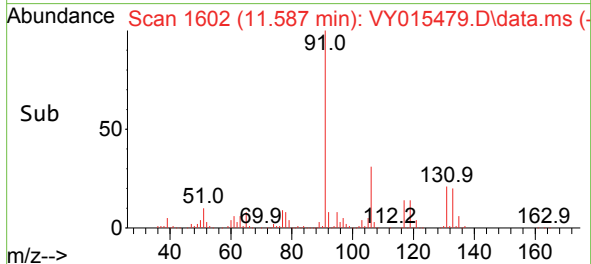
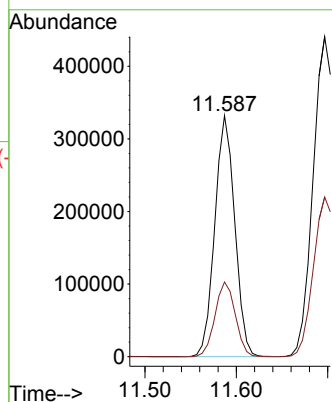
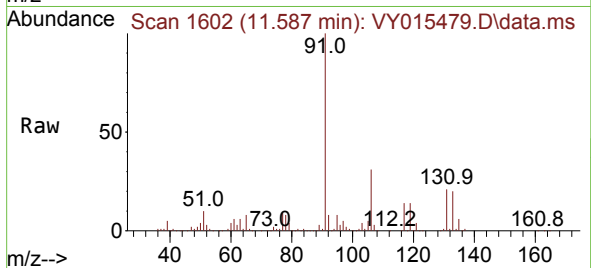
ClientSampleId :

Tgt Ion: 91 Resp: 503443

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 90.539 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015479.D

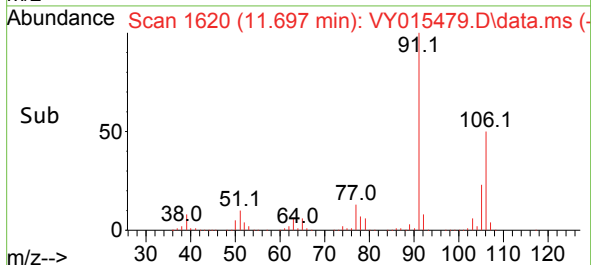
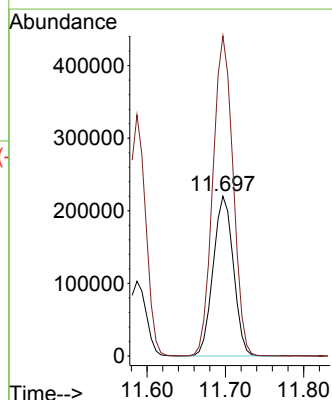
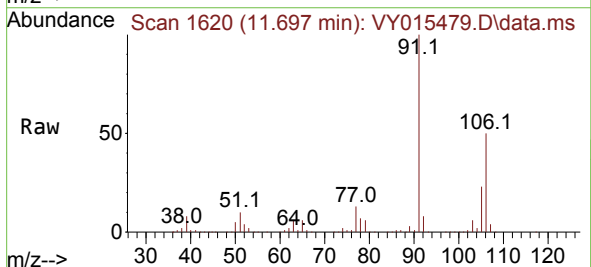
Acq: 07 Sep 2023 20:10

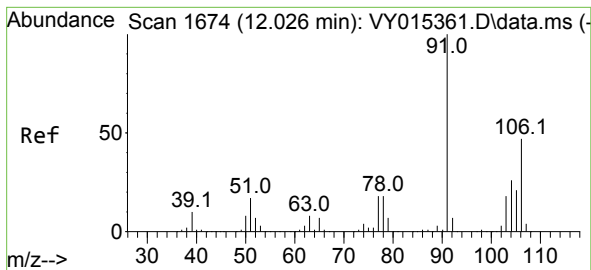
Tgt Ion: 106 Resp: 394538

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1





#69

o-Xylene

Concen: 46.589 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

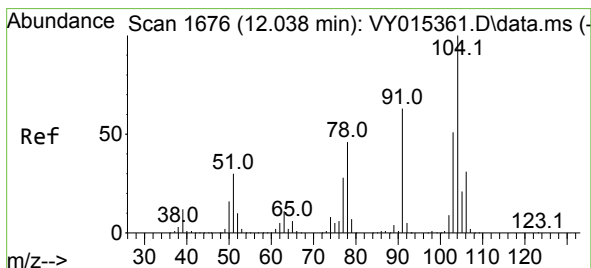
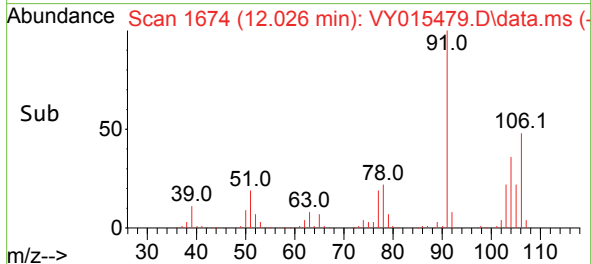
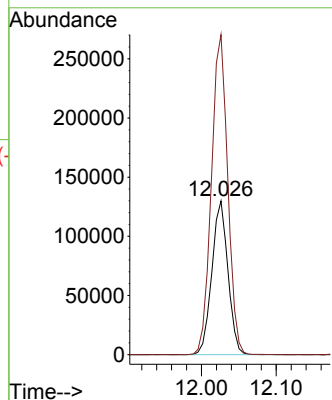
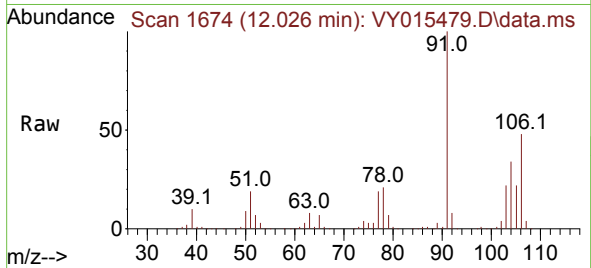
ClientSampleId :

Tgt Ion:106 Resp: 194025

Ion Ratio Lower Upper

106 100

91 211.7 108.1 324.3



#70

Styrene

Concen: 47.882 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

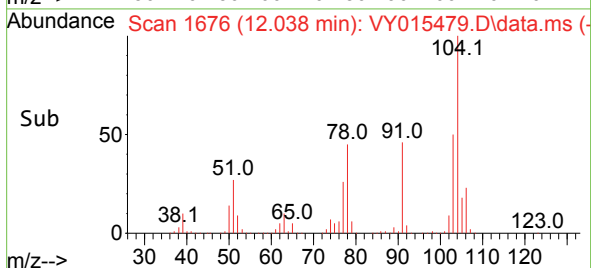
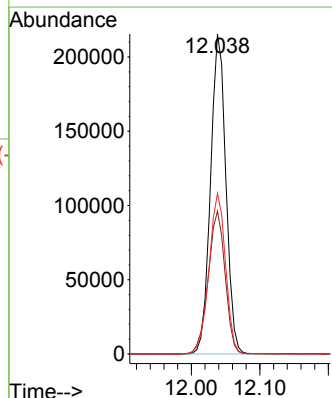
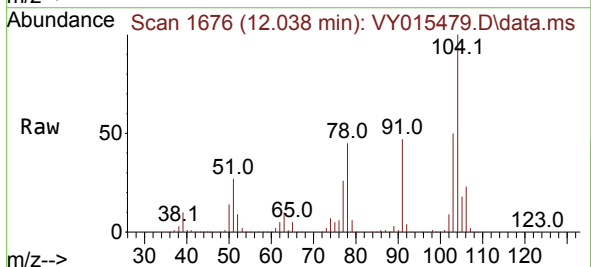
Tgt Ion:104 Resp: 335288

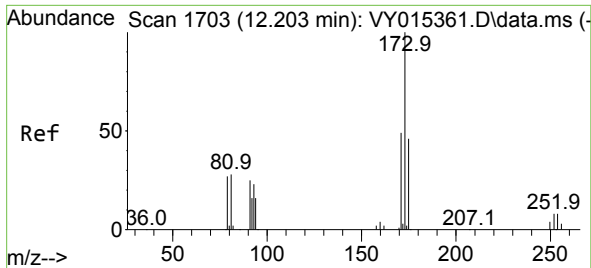
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 54.2 44.6 67.0

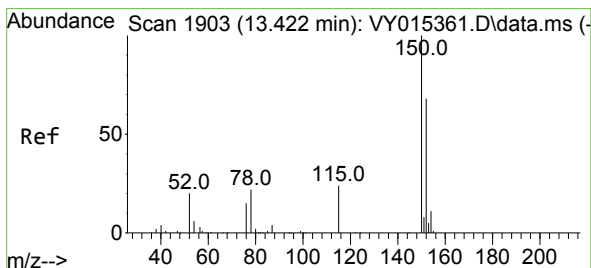
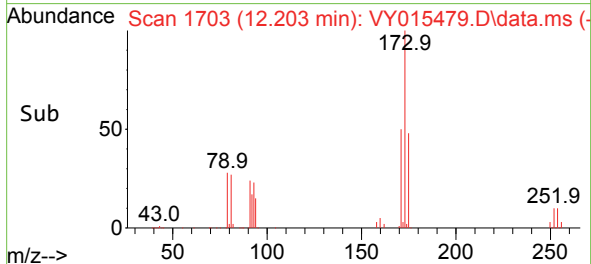
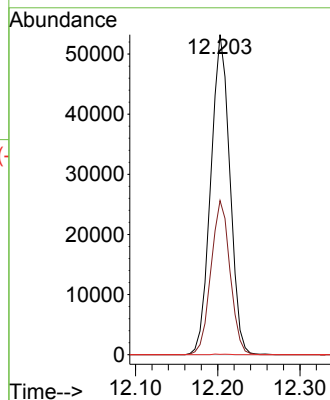
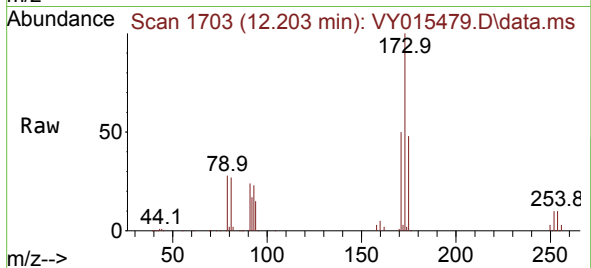




#71
Bromoform
Concen: 53.908 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

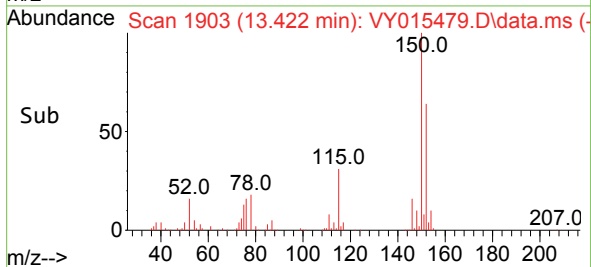
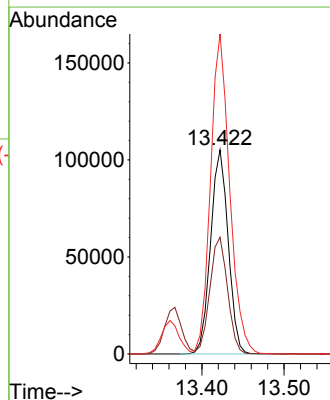
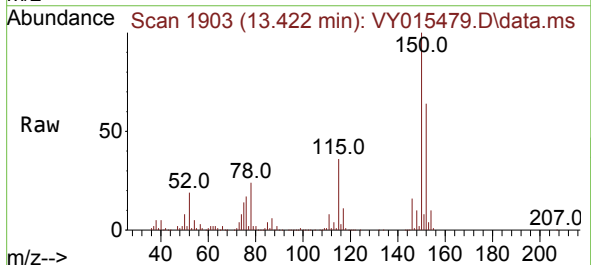
Instrument :
MSVOA_Y
ClientSampleId :

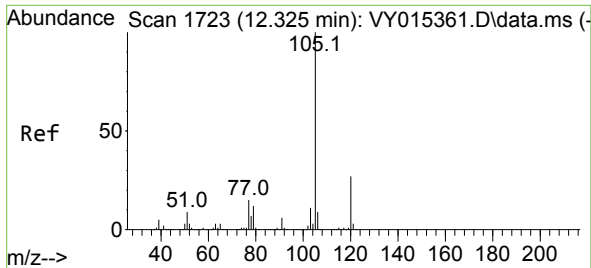
Tgt Ion:173 Resp: 86173
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:152 Resp: 156591
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 170.4 0.0 348.8

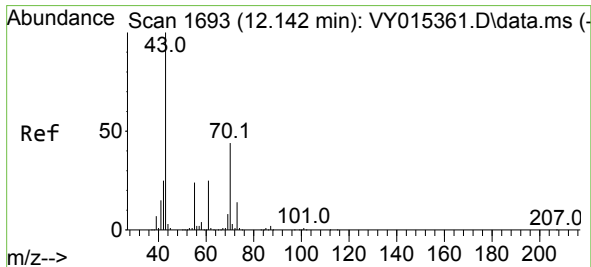
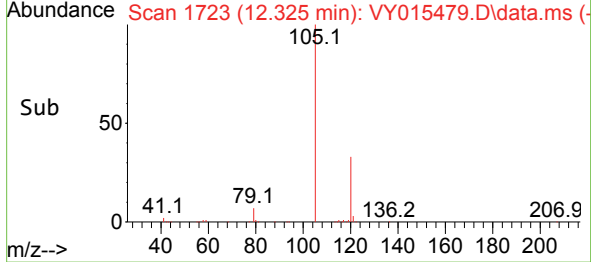
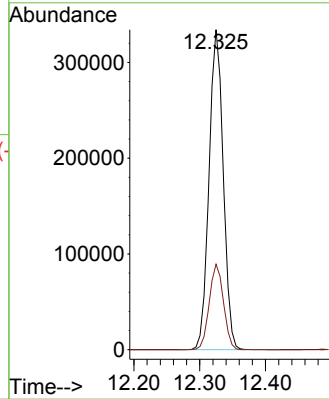
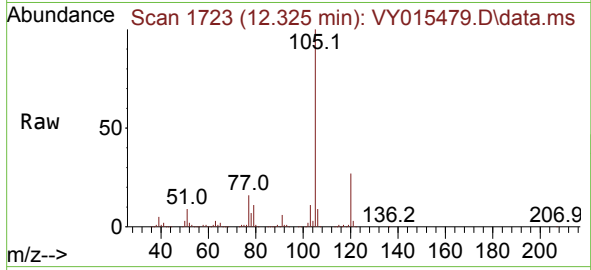




#73
Isopropylbenzene
Concen: 42.684 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

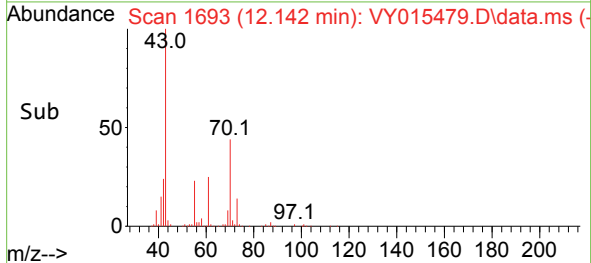
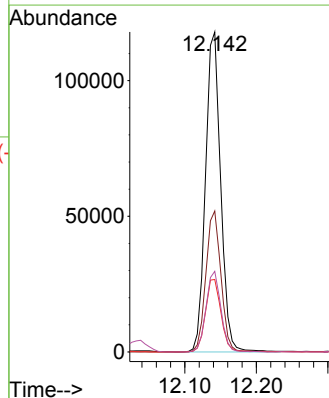
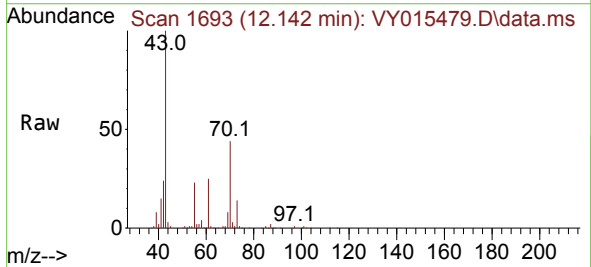
Instrument :
MSVOA_Y
ClientSampleId :

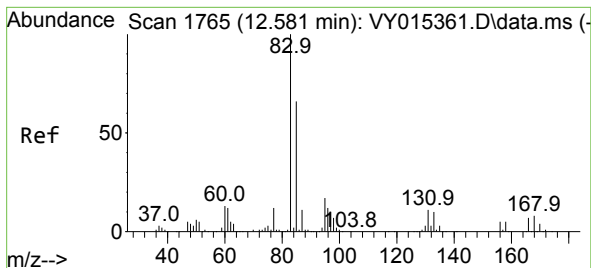
Tgt Ion:105 Resp: 502054
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 44.016 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 43 Resp: 173934
Ion Ratio Lower Upper
43 100
70 43.9 29.7 44.5
55 23.5 18.3 27.5
61 24.8 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 46.359 ug/l

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

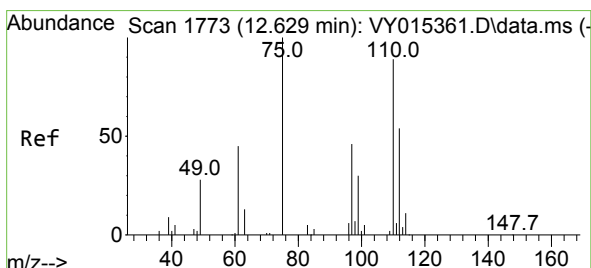
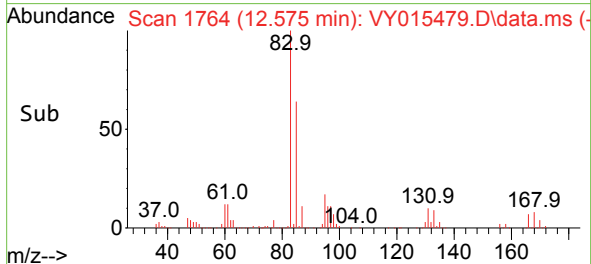
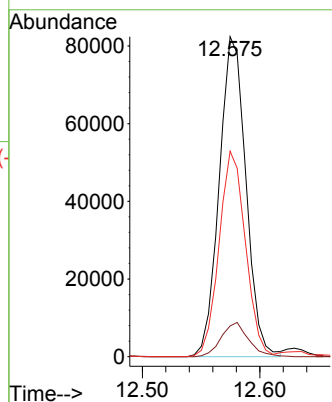
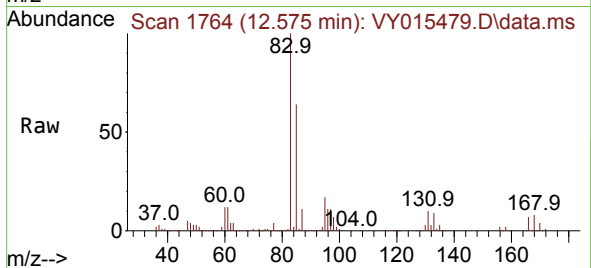
Tgt Ion: 83 Resp: 130168

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 85.212 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015479.D

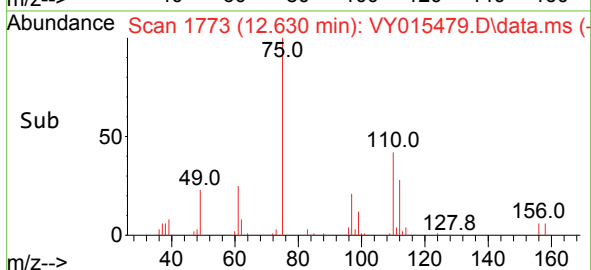
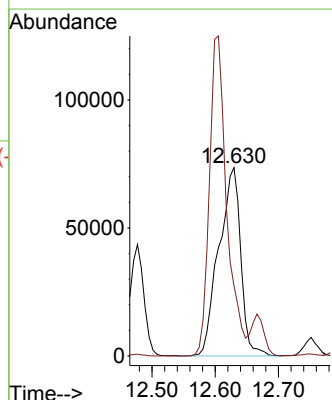
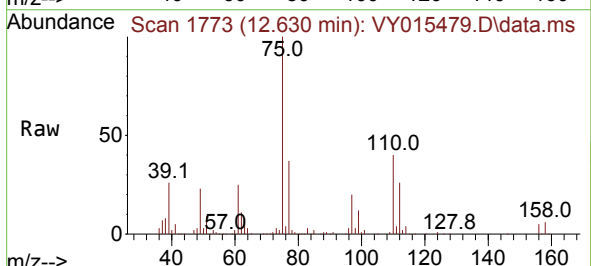
Acq: 07 Sep 2023 20:10

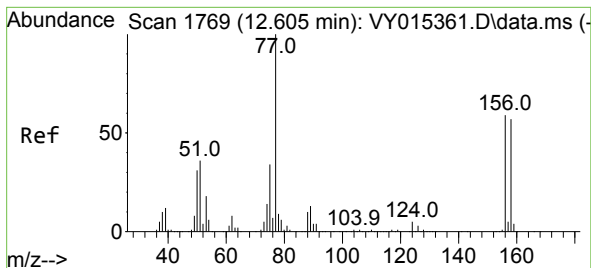
Tgt Ion: 75 Resp: 176947

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.315 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

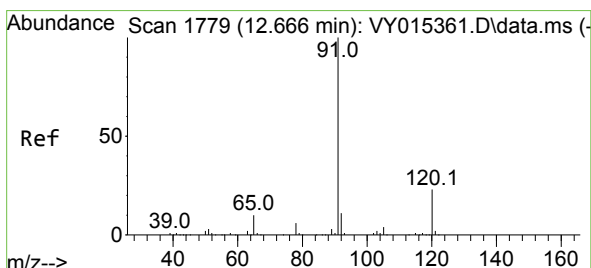
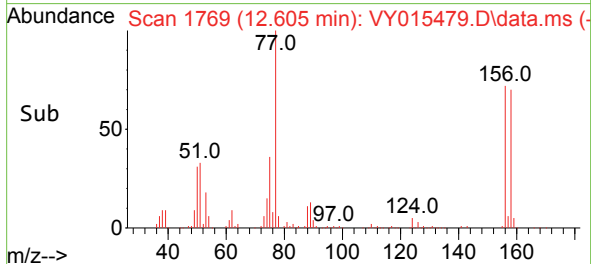
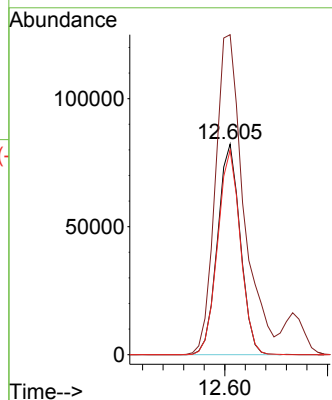
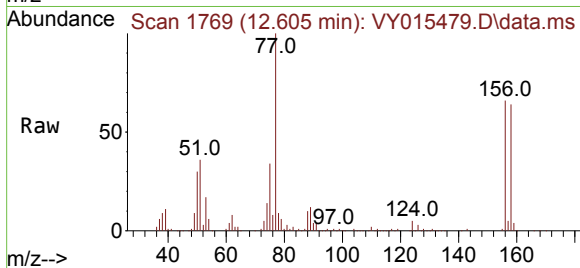
Tgt Ion:156 Resp: 126237

Ion Ratio Lower Upper

156 100

77 188.6 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 42.211 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015479.D

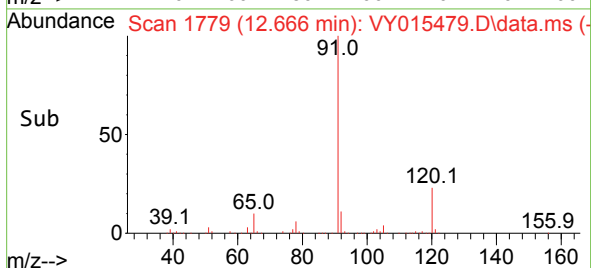
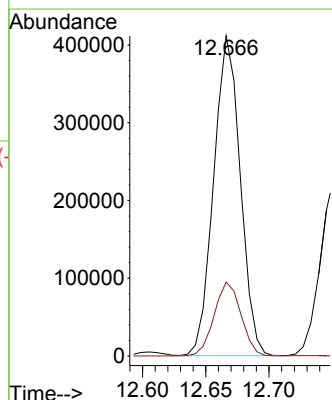
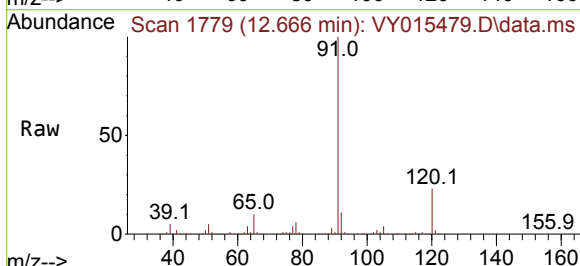
Acq: 07 Sep 2023 20:10

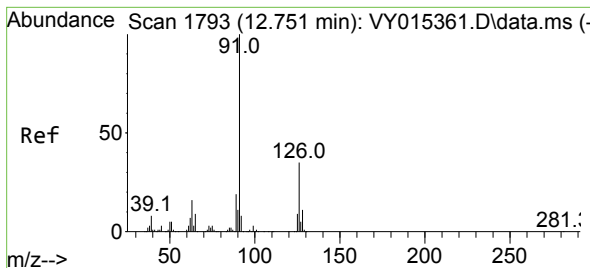
Tgt Ion: 91 Resp: 600770

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

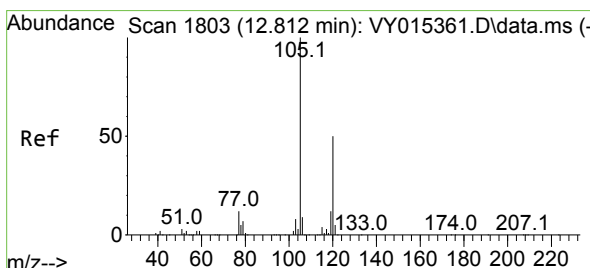
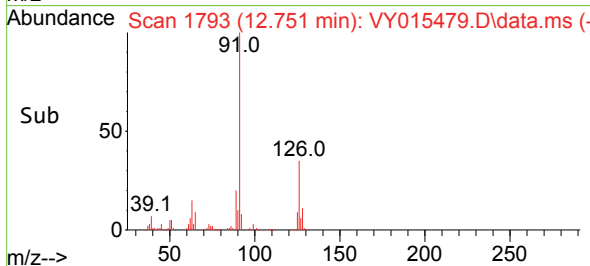
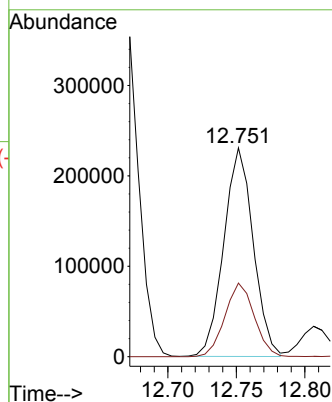
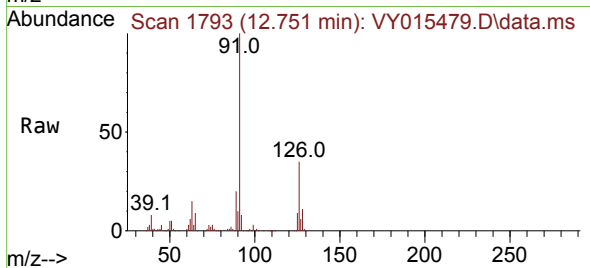




#79
2-Chlorotoluene
Concen: 43.240 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

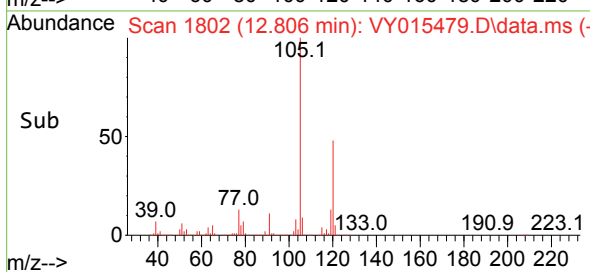
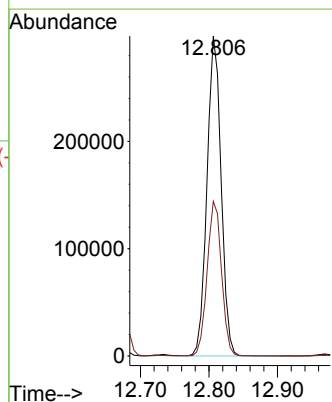
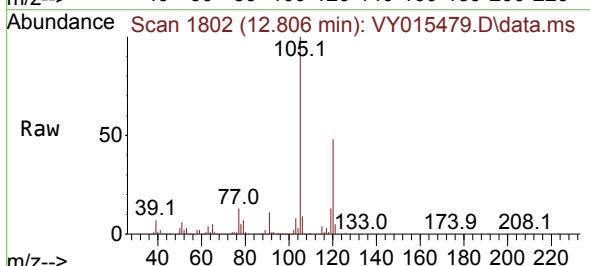
Instrument :
MSVOA_Y
ClientSampleId :

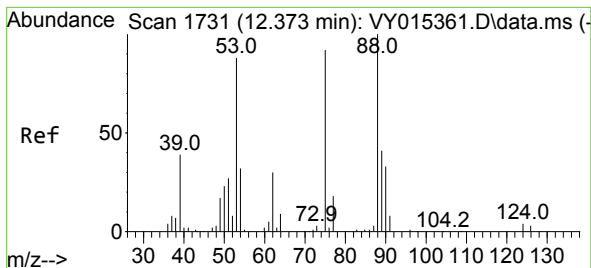
Tgt Ion: 91 Resp: 345177
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 43.523 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 105 Resp: 428189
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

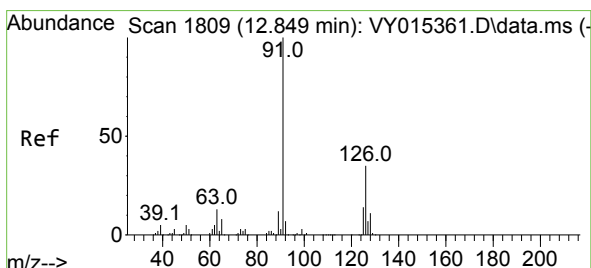
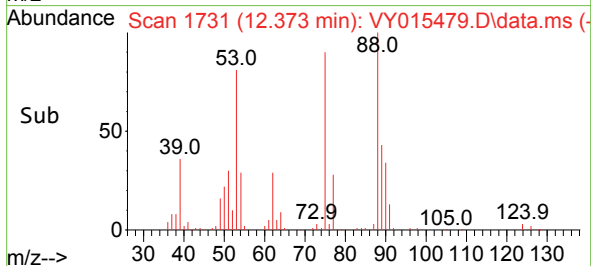
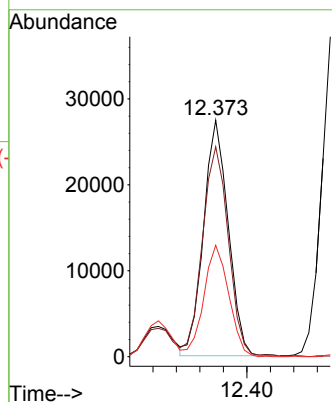
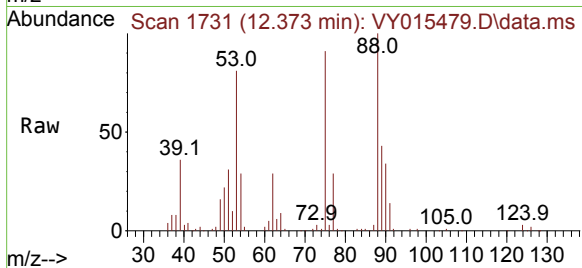




#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.462 ug/l
 RT: 12.373 min Scan# 1731
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

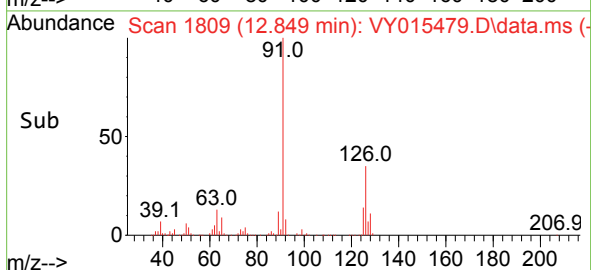
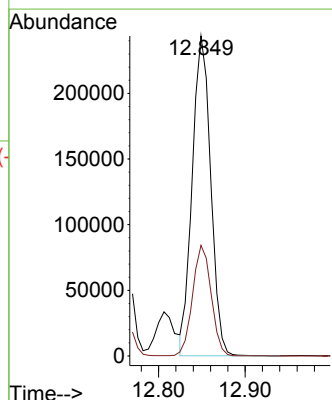
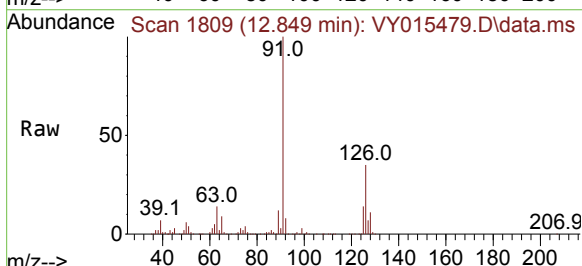
Instrument :
 MSVOA_Y
 ClientSampleId :

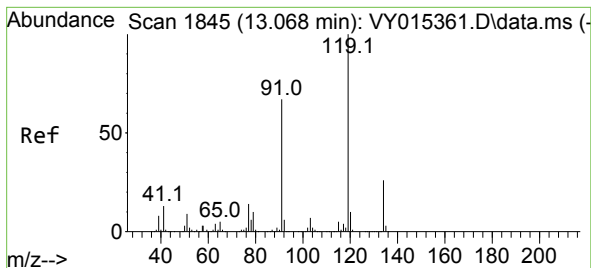
Tgt Ion: 75 Resp: 39972
 Ion Ratio Lower Upper
 75 100
 53 93.2 77.8 116.8
 89 48.1 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 43.431 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Tgt Ion: 91 Resp: 360326
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 43.364 ug/l

RT: 13.068 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

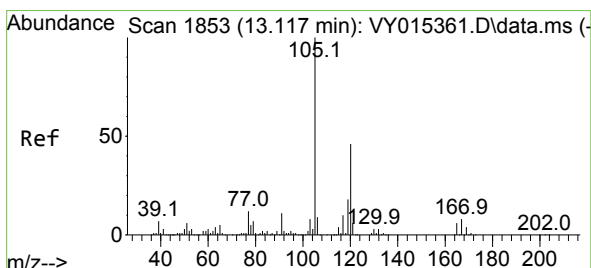
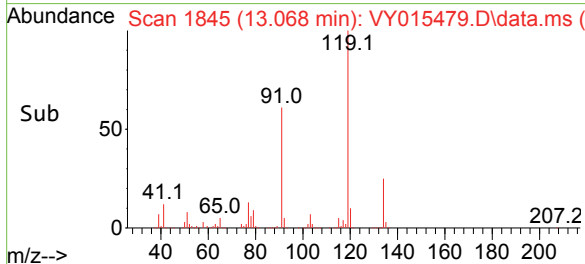
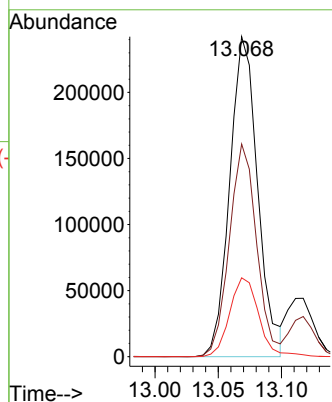
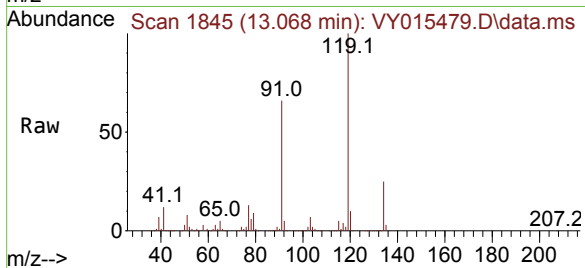
Tgt Ion:119 Resp: 373667

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 43.702 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015479.D

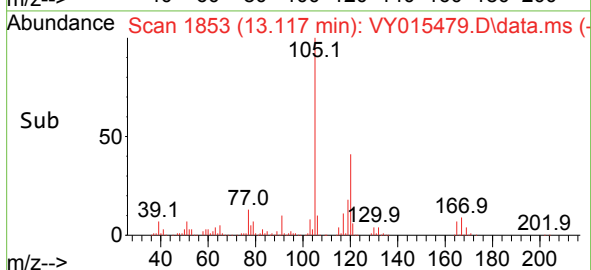
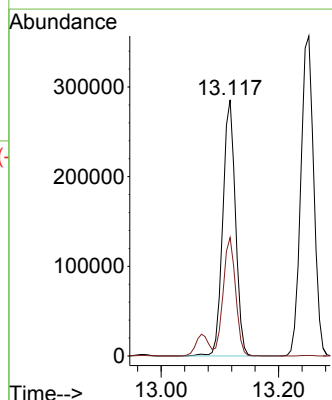
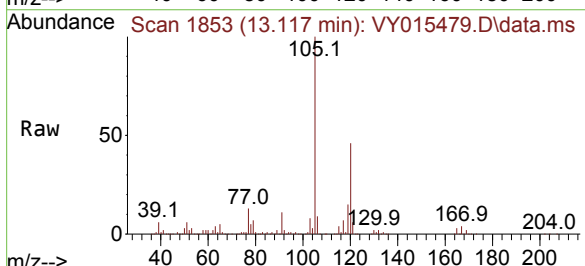
Acq: 07 Sep 2023 20:10

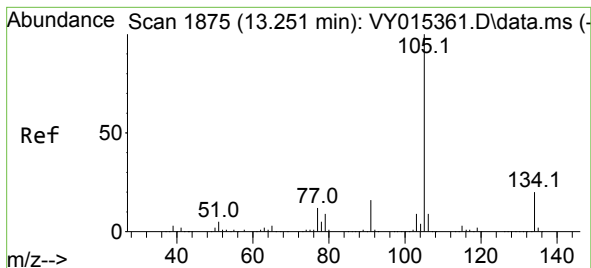
Tgt Ion:105 Resp: 426888

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 42.348 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

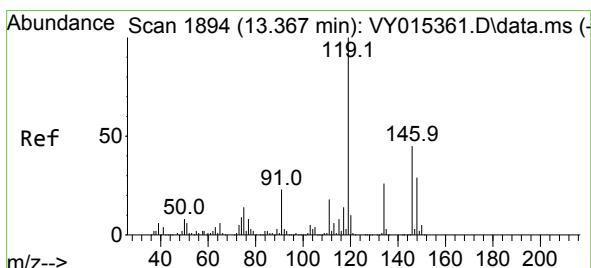
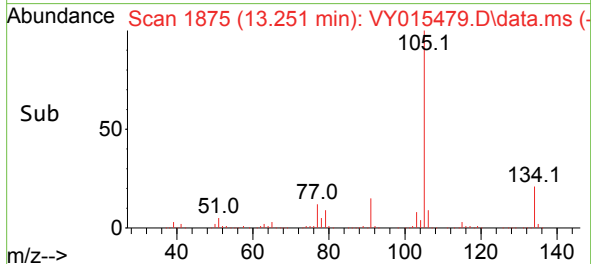
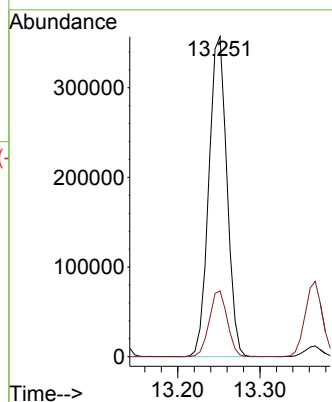
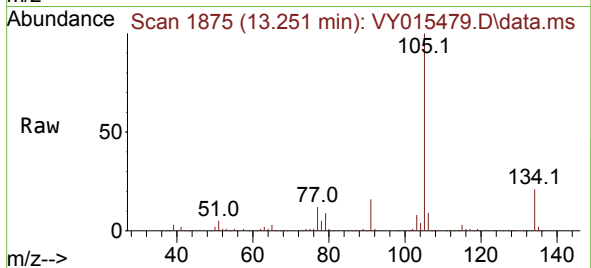
ClientSampleId :

Tgt Ion:105 Resp: 544282

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 42.849 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

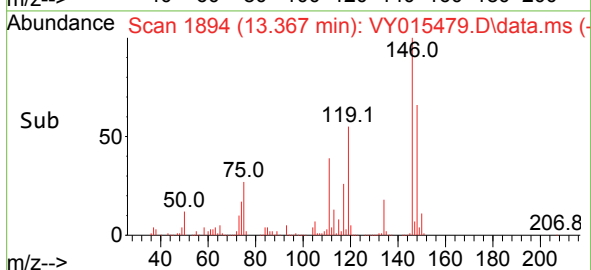
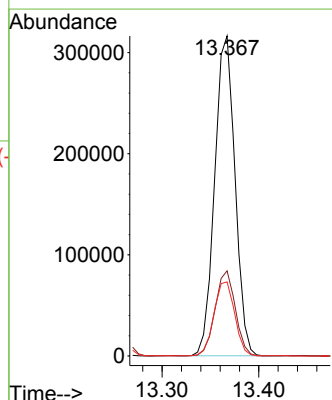
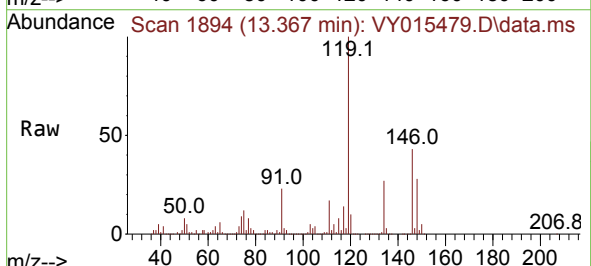
Tgt Ion:119 Resp: 461567

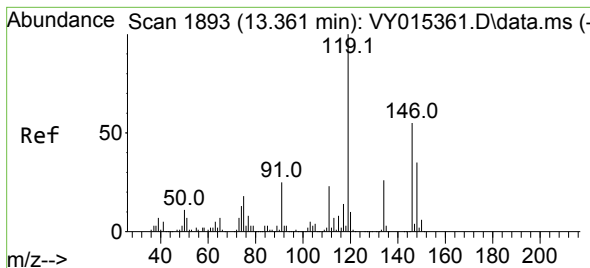
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 44.458 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

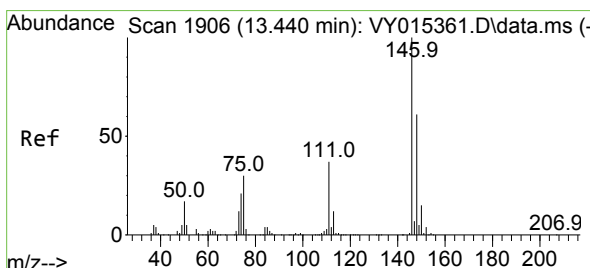
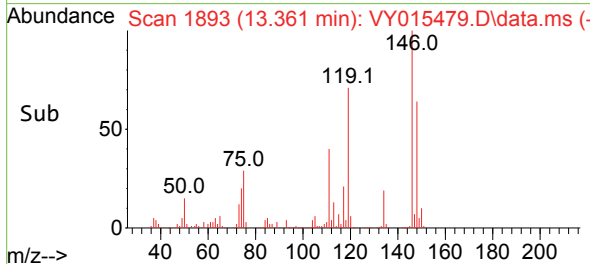
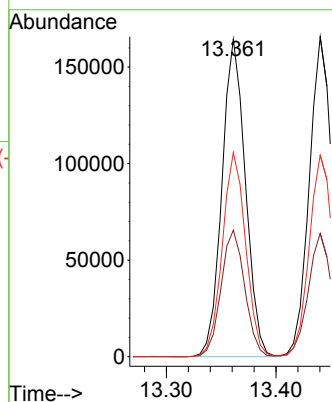
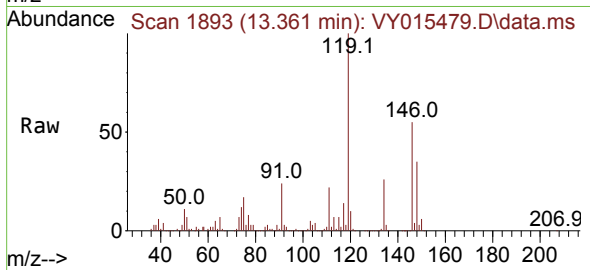
Tgt Ion:146 Resp: 244508

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 43.957 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

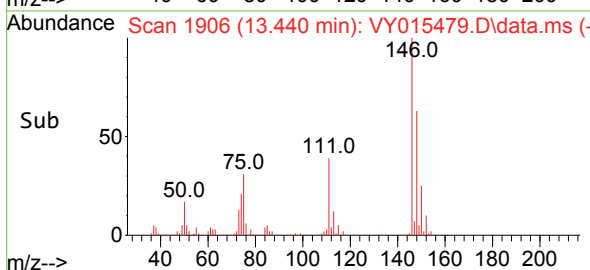
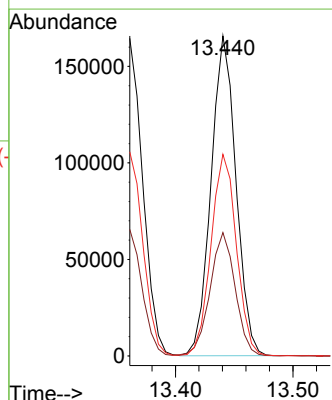
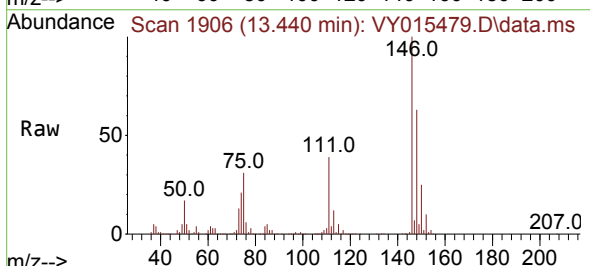
Tgt Ion:146 Resp: 244373

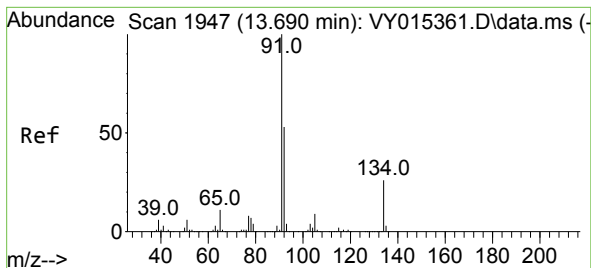
Ion Ratio Lower Upper

146 100

111 39.0 18.9 56.7

148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 41.741 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

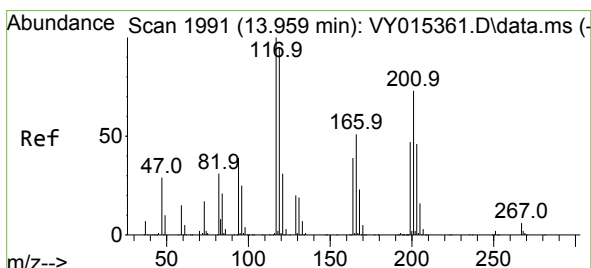
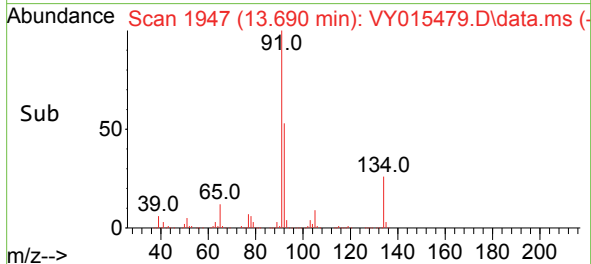
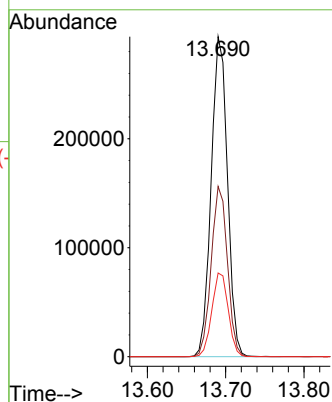
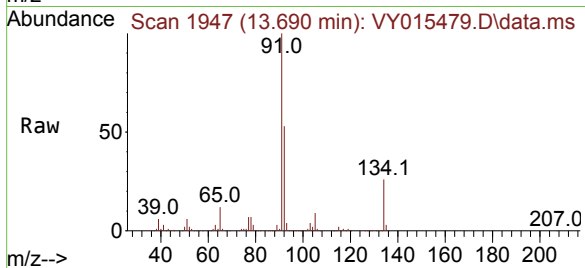
Tgt Ion: 91 Resp: 423204

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 44.695 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015479.D

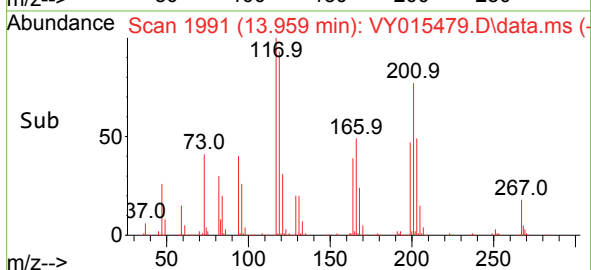
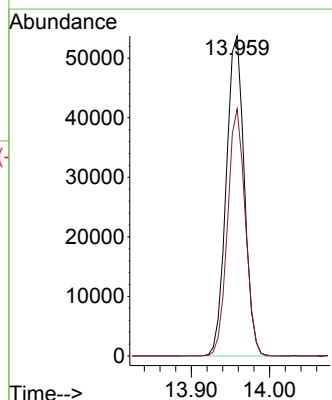
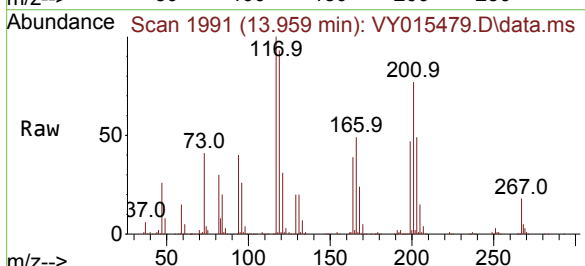
Acq: 07 Sep 2023 20:10

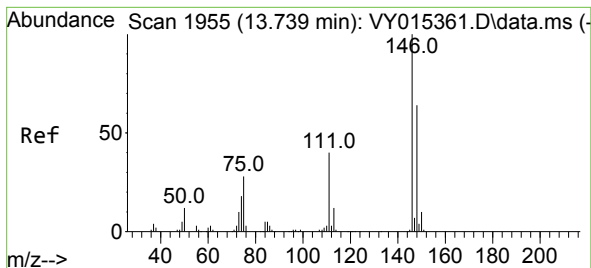
Tgt Ion: 117 Resp: 86107

Ion Ratio Lower Upper

117 100

201 75.8 41.6 124.8

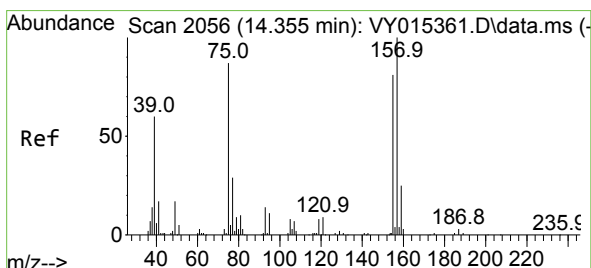
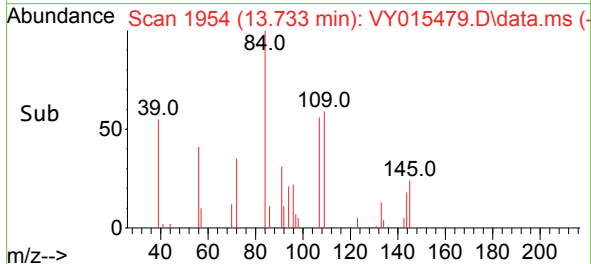
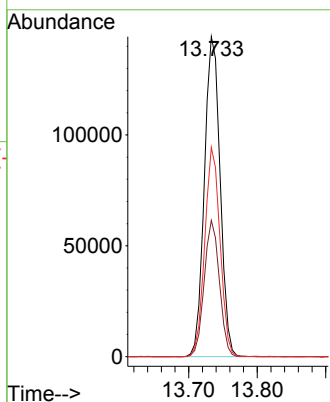
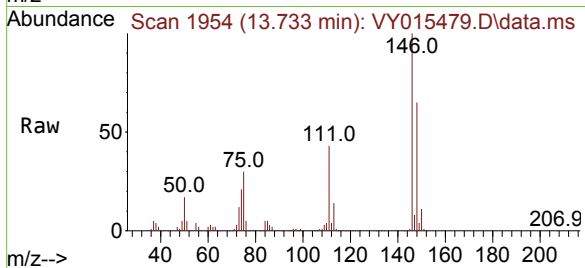




#91
1,2-Dichlorobenzene
Concen: 46.000 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

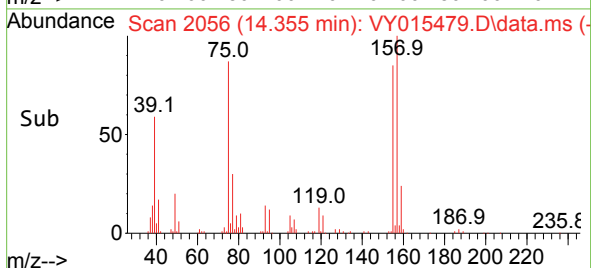
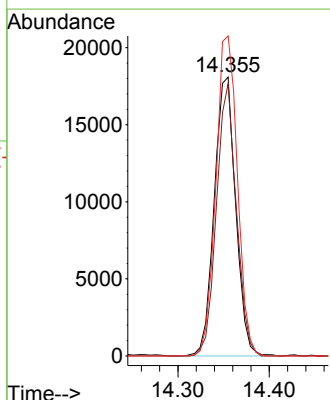
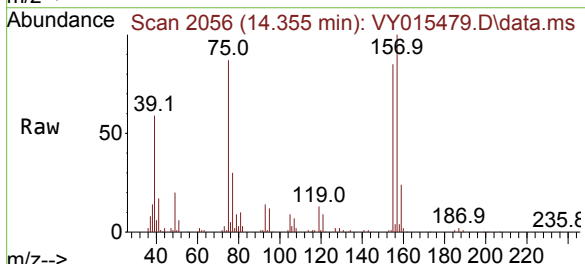
Instrument :
MSVOA_Y
ClientSampleId :

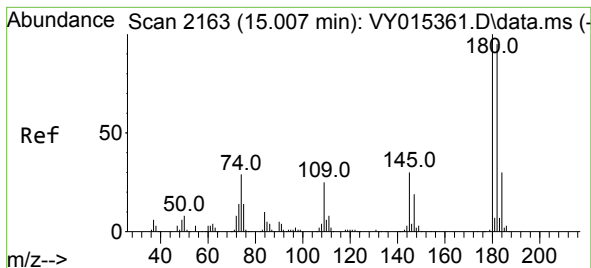
Tgt Ion:146 Resp: 230875
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.899 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 75 Resp: 29382
Ion Ratio Lower Upper
75 100
155 90.9 41.5 124.6
157 115.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.344 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

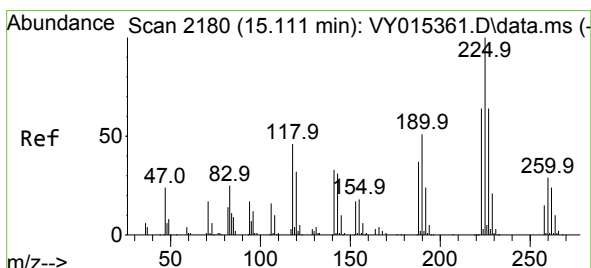
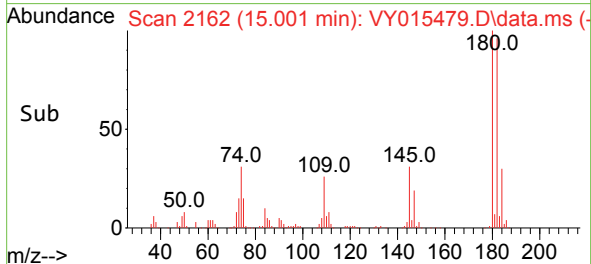
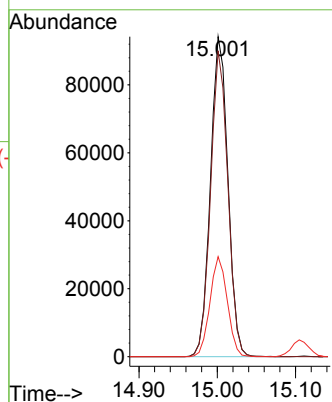
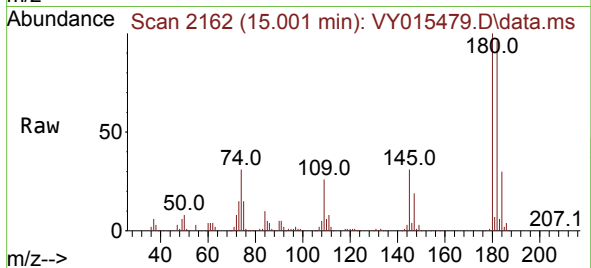
Tgt Ion:180 Resp: 146073

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.984 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

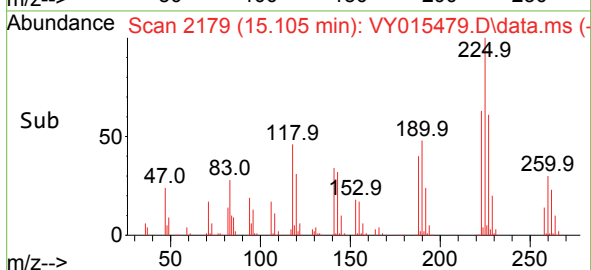
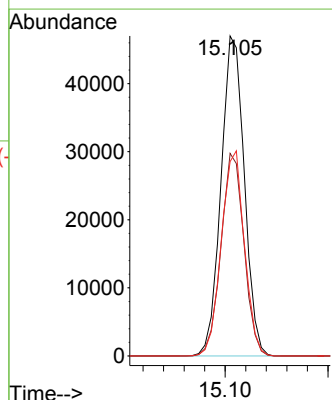
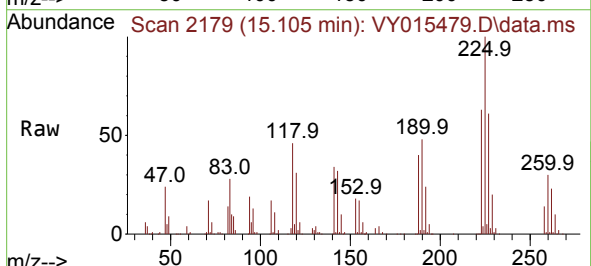
Tgt Ion:225 Resp: 73877

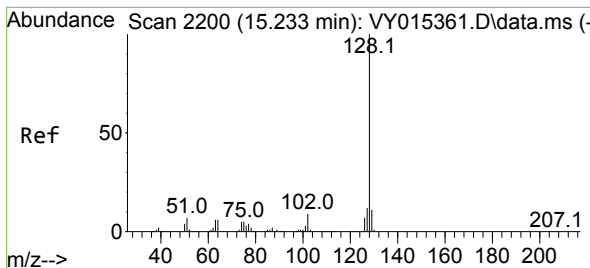
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 52.149 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

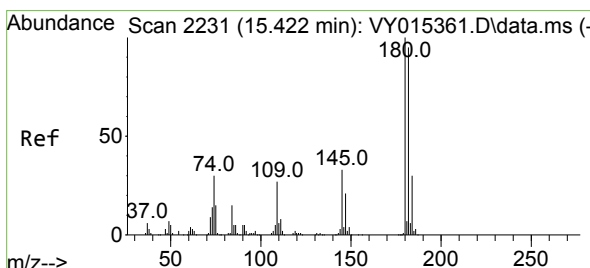
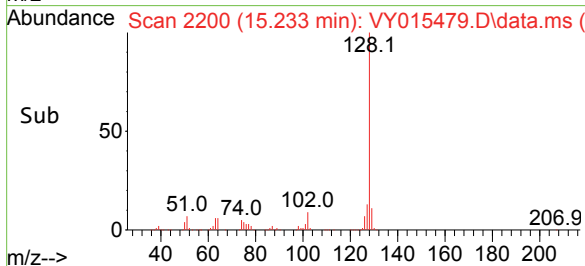
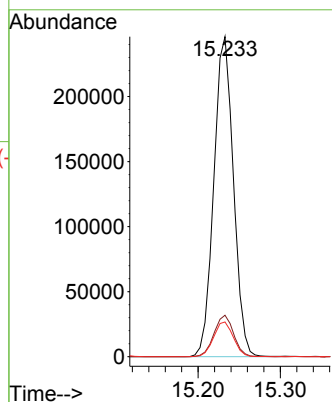
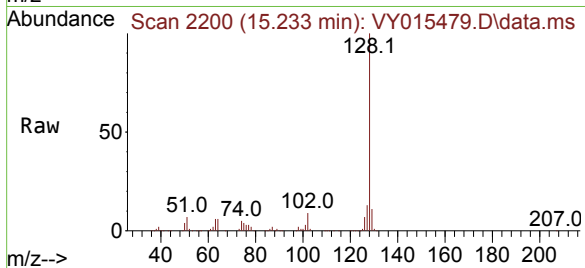
Tgt Ion:128 Resp: 407165

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.106 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Tgt Ion:180 Resp: 135431

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.4 15.4 46.2

