

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015647.D
 Acq On : 20 Sep 2023 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 03:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	156211	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	261121	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	237413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	69968	40.709	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.420%
35) Dibromofluoromethane	7.722	113	69753	44.631	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.260%
50) Toluene-d8	10.185	98	225394	42.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.060%
62) 4-Bromofluorobenzene	12.483	95	87740	42.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	53912	52.358	ug/l	98
3) Chloromethane	2.113	50	65640	50.530	ug/l	99
4) Vinyl Chloride	2.253	62	76407	51.444	ug/l	98
5) Bromomethane	2.649	94	57589	45.095	ug/l	96
6) Chloroethane	2.790	64	56362	51.197	ug/l	95
7) Trichlorofluoromethane	3.125	101	125195	50.262	ug/l	98
8) Diethyl Ether	3.533	74	51709	48.680	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	77811	49.892	ug/l	96
10) Methyl Iodide	4.094	142	85040	46.568	ug/l	98
11) Tert butyl alcohol	4.984	59	78742	219.034	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	69506	50.576	ug/l	92
13) Acrolein	3.735	56	60771	230.872	ug/l	100
14) Allyl chloride	4.485	41	124597	49.587	ug/l	93
15) Acrylonitrile	5.173	53	172347	221.175	ug/l	98
16) Acetone	3.960	43	241297	262.336	ug/l	92
17) Carbon Disulfide	4.198	76	139315	52.182	ug/l	99
18) Methyl Acetate	4.485	43	140853	45.641	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	267486	47.789	ug/l	98
20) Methylene Chloride	4.722	84	88048	43.036	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	79721	50.751	ug/l	92
22) Diisopropyl ether	6.124	45	298756	49.405	ug/l	93
23) Vinyl Acetate	6.070	43	880722	235.964	ug/l	96
24) 1,1-Dichloroethane	6.027	63	160309	48.637	ug/l	97
25) 2-Butanone	6.996	43	302103	232.367	ug/l	97
26) 2,2-Dichloropropane	6.990	77	144065	47.822	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	101502	48.673	ug/l	96
28) Bromochloromethane	7.338	49	44234	49.466	ug/l	99
29) Tetrahydrofuran	7.356	42	157732	214.650	ug/l	94
30) Chloroform	7.514	83	170882	48.412	ug/l	97
31) Cyclohexane	7.789	56	114982	48.292	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	145385	49.894	ug/l	99
36) 1,1-Dichloropropene	7.923	75	115859	50.137	ug/l	99
37) Ethyl Acetate	7.082	43	101887	44.203	ug/l	96
38) Carbon Tetrachloride	7.905	117	128104	51.071	ug/l	98
39) Methylcyclohexane	9.185	83	124203	48.594	ug/l	95
40) Benzene	8.167	78	347233	49.273	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	49282	39.708	ug/l #	93
42) 1,2-Dichloroethane	8.240	62	114340	47.375	ug/l	93
43) Isopropyl Acetate	8.277	43	181336	46.055	ug/l	98
44) Trichloroethene	8.941	130	95820	48.682	ug/l	100
45) 1,2-Dichloropropane	9.221	63	95542	48.616	ug/l	98
46) Dibromomethane	9.307	93	59561	47.380	ug/l	96
47) Bromodichloromethane	9.502	83	137725	49.152	ug/l	97
48) Methyl methacrylate	9.295	41	80526	46.594	ug/l	90
49) 1,4-Dioxane	9.313	88	22179	893.052	ug/l #	46
51) 4-Methyl-2-Pentanone	10.075	43	541750	221.988	ug/l	94
52) Toluene	10.246	92	223058	49.097	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	144936	48.235	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	160289	49.557	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	86981	47.215	ug/l	99
56) Ethyl methacrylate	10.514	69	131142	48.305	ug/l	88
57) 1,3-Dichloropropane	10.794	76	147160	47.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	195723	226.959	ug/l	97
59) 2-Hexanone	10.837	43	438857	234.390	ug/l	92
60) Dibromochloromethane	10.989	129	103555	48.153	ug/l	99
61) 1,2-Dibromoethane	11.093	107	84851	47.080	ug/l	99
64) Tetrachloroethene	10.721	164	97983	48.103	ug/l	97
65) Chlorobenzene	11.520	112	253486	48.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	98673	49.018	ug/l	98
67) Ethyl Benzene	11.593	91	446899	49.338	ug/l	100
68) m/p-Xylenes	11.703	106	340122	98.792	ug/l	97
69) o-Xylene	12.032	106	167580	49.640	ug/l	98
70) Styrene	12.044	104	289955	50.177	ug/l	97
71) Bromoform	12.209	173	71441	48.975	ug/l #	99
73) Isopropylbenzene	12.331	105	448168	50.604	ug/l	100
74) N-amyl acetate	12.148	43	161768	48.598	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	117078	47.499	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	153907	81.716	ug/l #	100
77) Bromobenzene	12.611	156	106428	48.956	ug/l	94
78) n-propylbenzene	12.672	91	543994	50.560	ug/l	99
79) 2-Chlorotoluene	12.757	91	308109	50.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	373189	50.333	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	39679	47.442	ug/l	96
82) 4-Chlorotoluene	12.855	91	315252	49.239	ug/l	99
83) tert-Butylbenzene	13.074	119	330646	50.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	372916	50.268	ug/l	98
85) sec-Butylbenzene	13.257	105	488755	50.293	ug/l	99
86) p-Isopropyltoluene	13.373	119	408320	50.300	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	211135	48.955	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	210100	48.708	ug/l	99
89) n-Butylbenzene	13.696	91	381435	49.621	ug/l	98
90) Hexachloroethane	13.965	117	78086	49.841	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	195145	49.015	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21558	44.038	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	119392	47.635	ug/l	99
94) Hexachlorobutadiene	15.111	225	60339	47.010	ug/l	98
95) Naphthalene	15.239	128	307348	47.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	109600	47.377	ug/l	99

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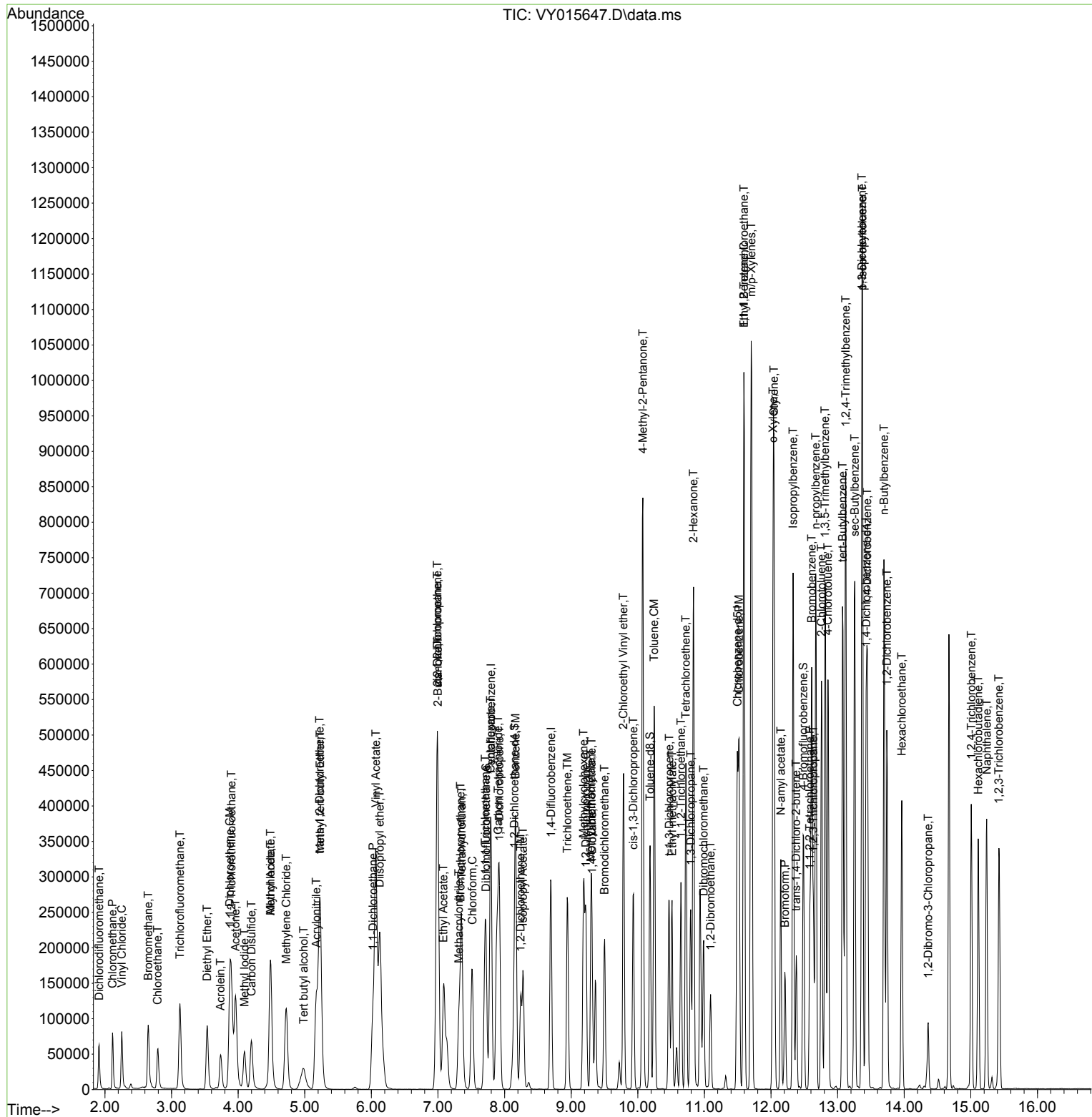
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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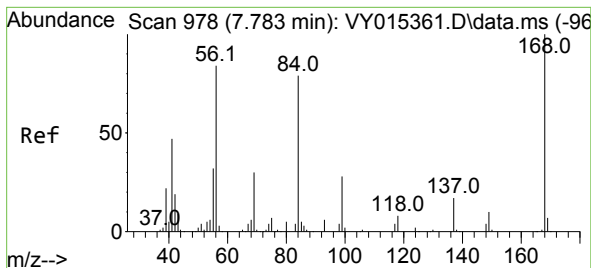
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015647.D

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Instrument :

MSVOA_Y

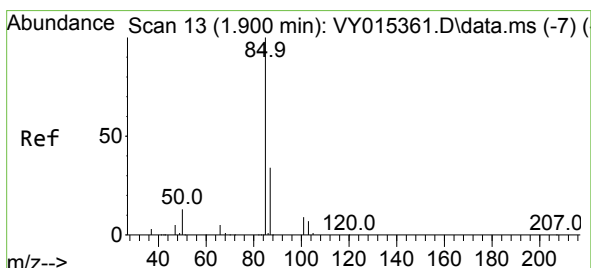
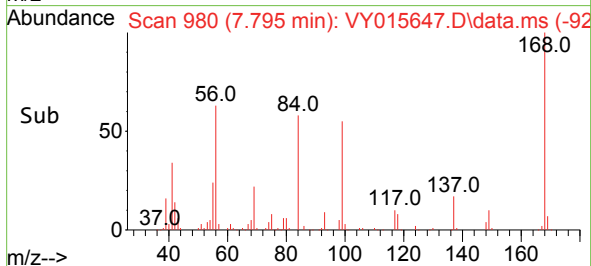
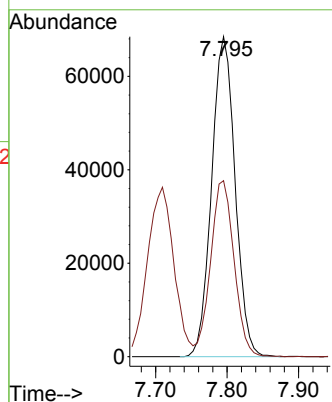
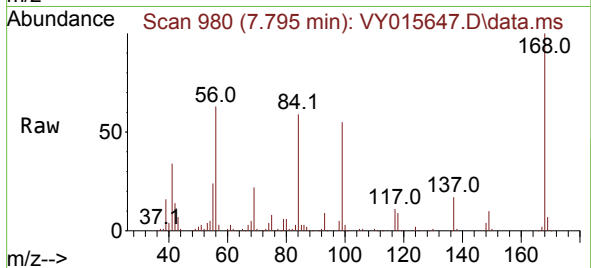
ClientSampleId :

Tgt Ion:168 Resp: 156211

Ion Ratio Lower Upper

168 100

99 54.8 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 52.358 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY015647.D

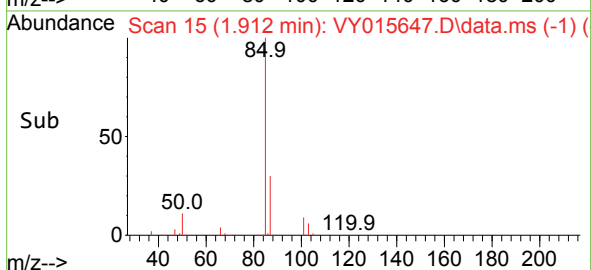
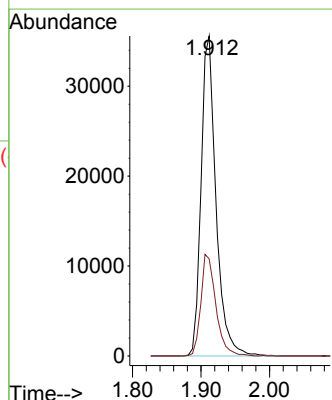
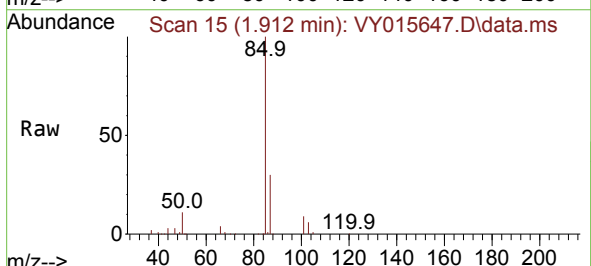
Acq: 20 Sep 2023 09:25

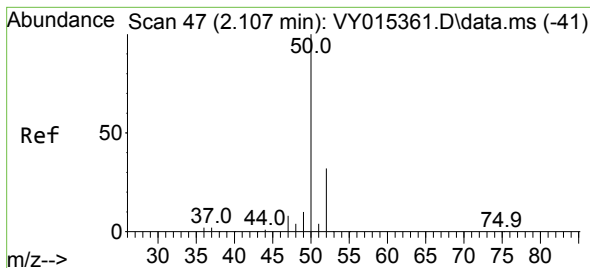
Tgt Ion: 85 Resp: 53912

Ion Ratio Lower Upper

85 100

87 30.4 15.6 46.8





#3

Chloromethane

Concen: 50.530 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

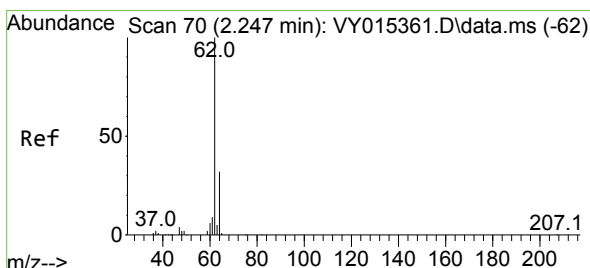
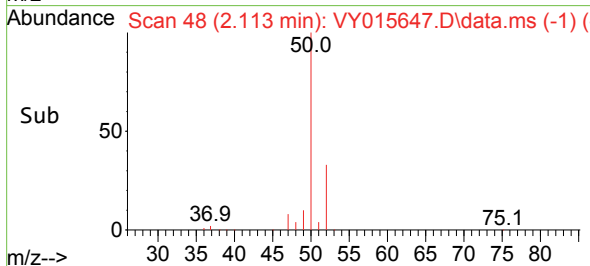
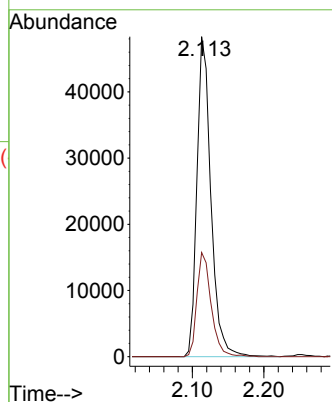
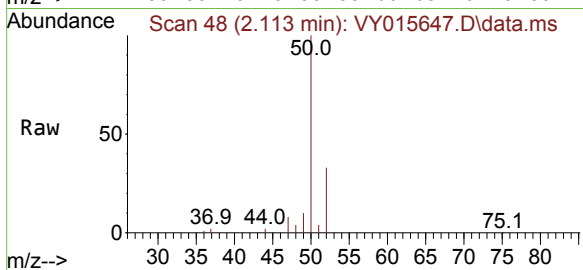
ClientSampleId :

Tgt Ion: 50 Resp: 65640

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 51.444 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015647.D

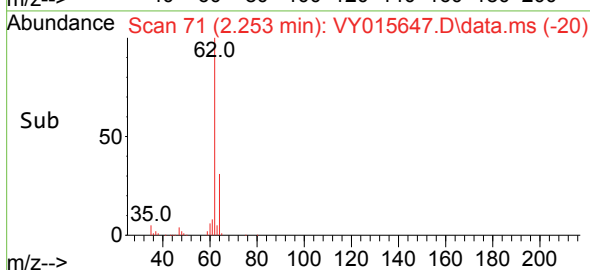
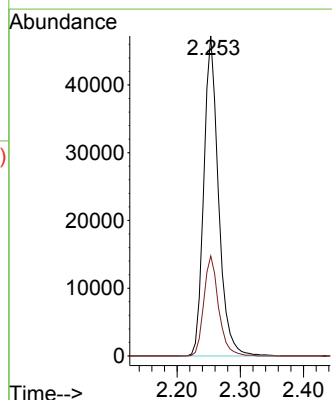
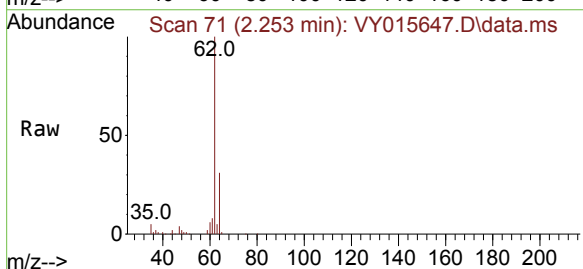
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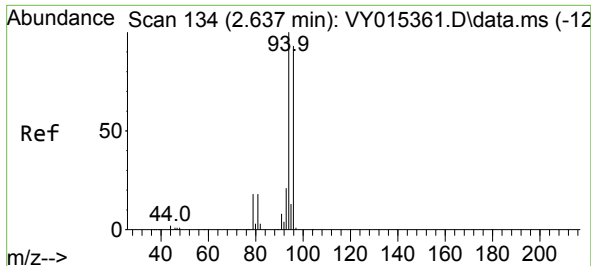
Tgt Ion: 62 Resp: 76407

Ion Ratio Lower Upper

62 100

64 31.3 24.3 36.5





#5

Bromomethane

Concen: 45.095 ug/l

RT: 2.649 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

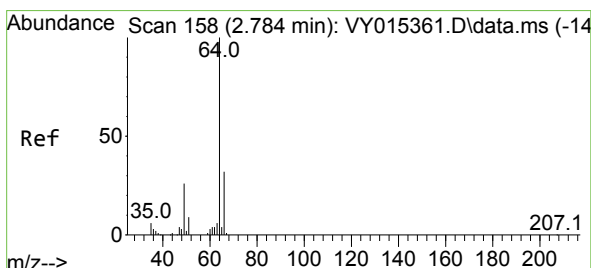
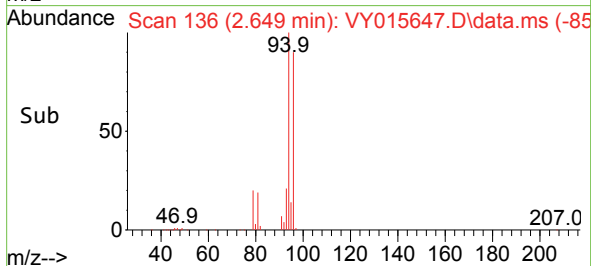
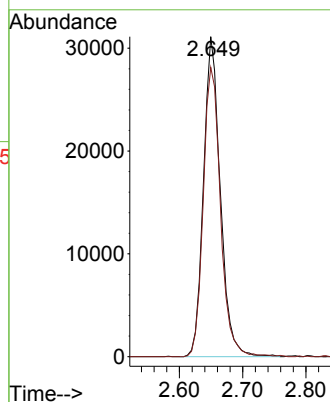
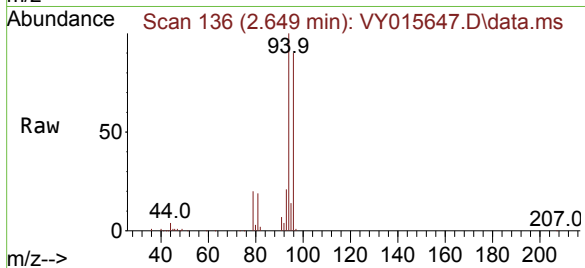
ClientSampleId :

Tgt Ion: 94 Resp: 57589

Ion Ratio Lower Upper

94 100

96 90.4 75.8 113.6



#6

Chloroethane

Concen: 51.197 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015647.D

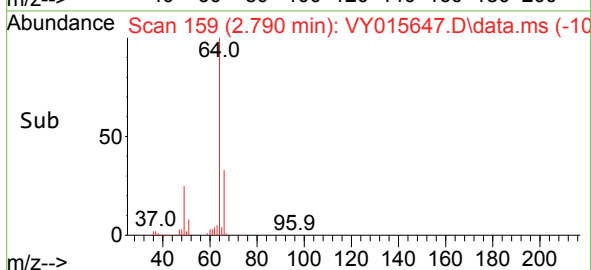
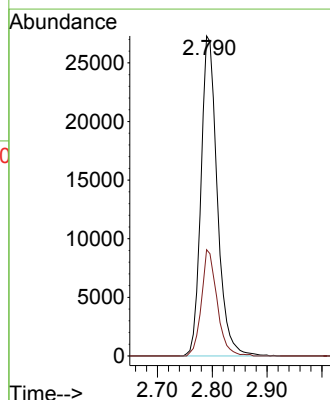
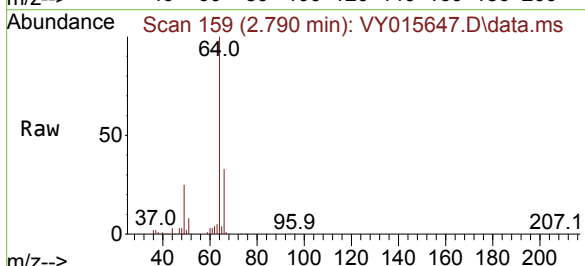
Acq: 20 Sep 2023 09:25

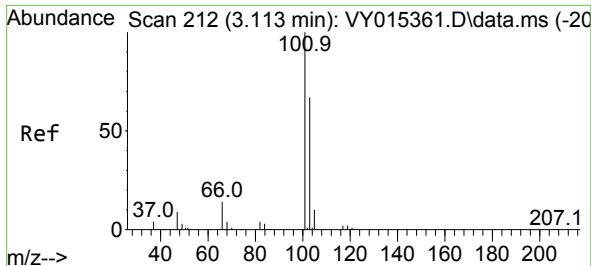
Tgt Ion: 64 Resp: 56362

Ion Ratio Lower Upper

64 100

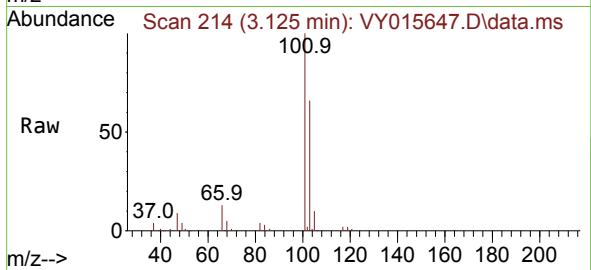
66 33.2 24.4 36.6



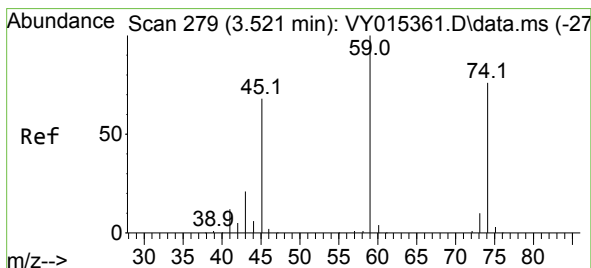
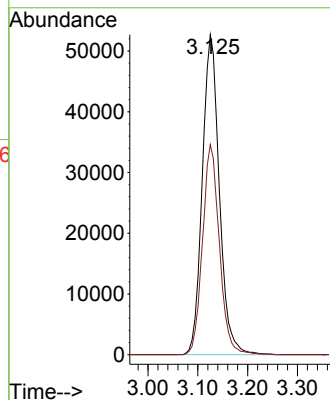
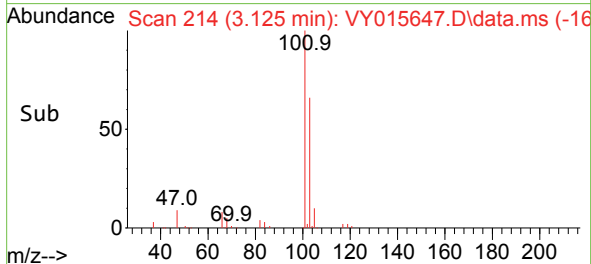


#7
 Trichlorofluoromethane
 Concen: 50.262 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.012 min
 Lab File: VY015647.D
 Acq: 20 Sep 2023 09:25

Instrument :
 MSVOA_Y
 ClientSampleId :

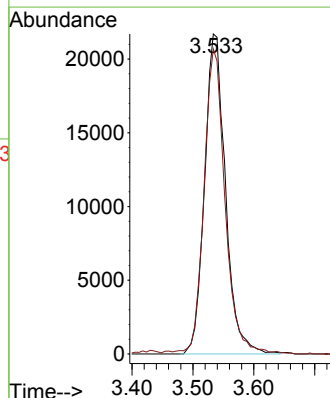
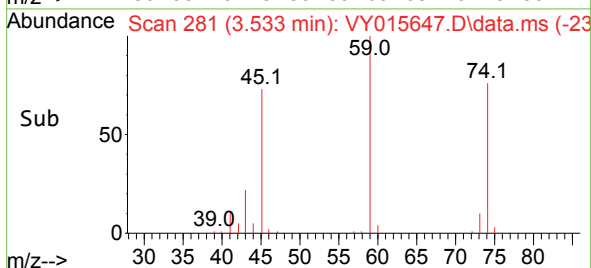
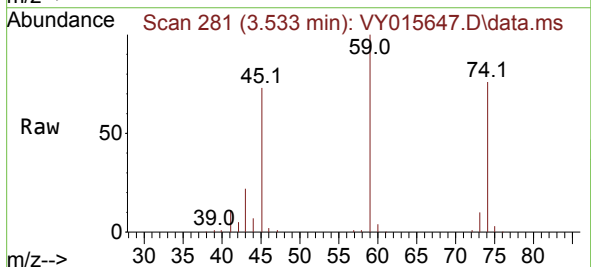


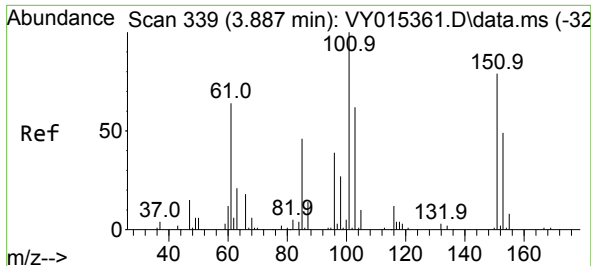
Tgt Ion:101 Resp: 125195
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.680 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015647.D
 Acq: 20 Sep 2023 09:25

Tgt Ion: 74 Resp: 51709
 Ion Ratio Lower Upper
 74 100
 45 96.3 51.5 154.5

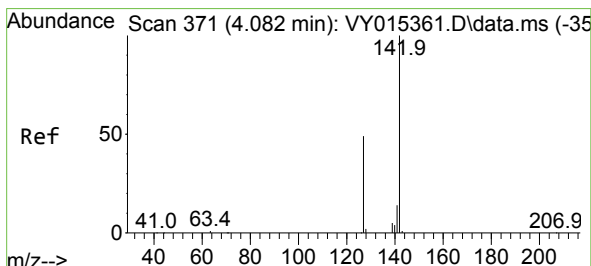
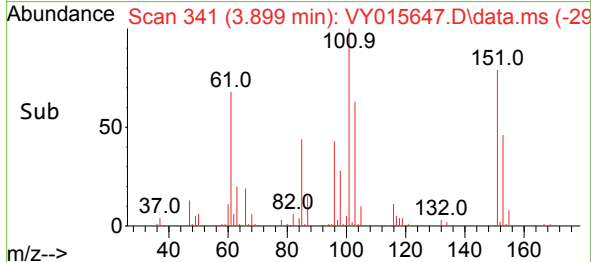
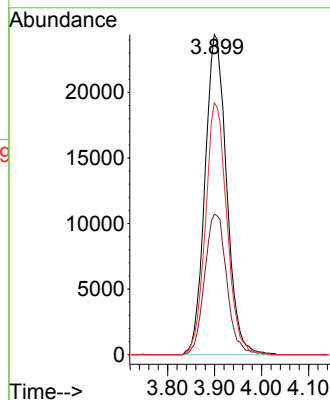
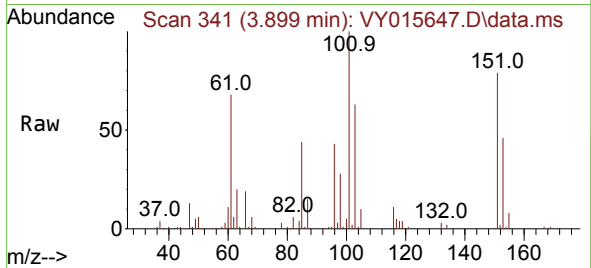




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.892 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

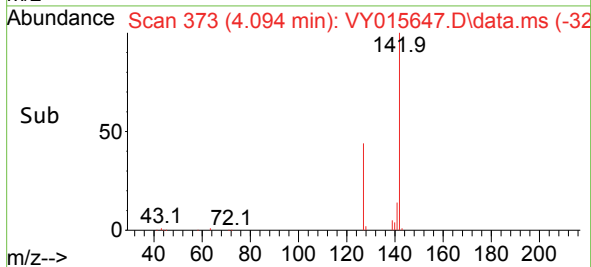
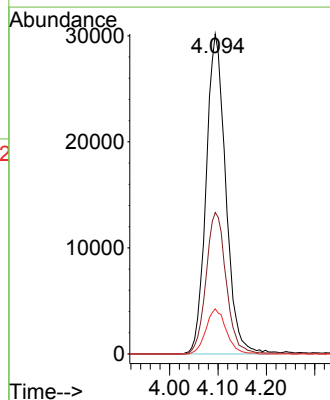
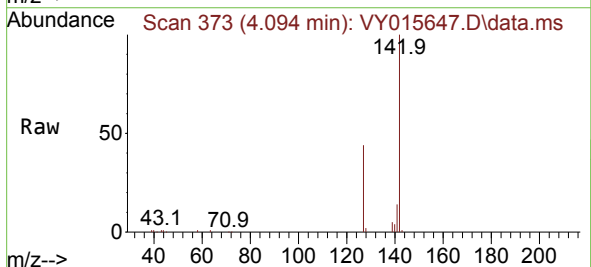
Instrument :
MSVOA_Y
ClientSampleId :

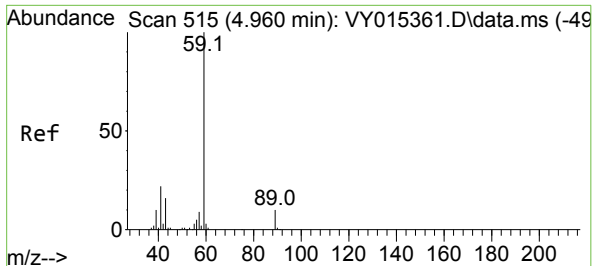
Tgt Ion:101 Resp: 77811
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.2 67.0 100.6



#10
Methyl Iodide
Concen: 46.568 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion:142 Resp: 85040
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.5 11.8 17.8

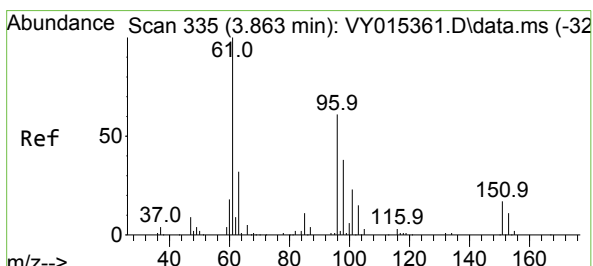
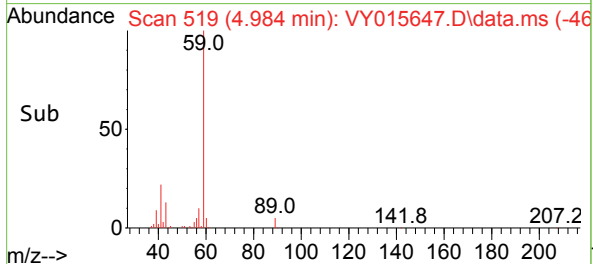
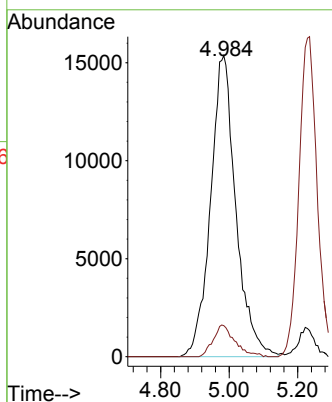
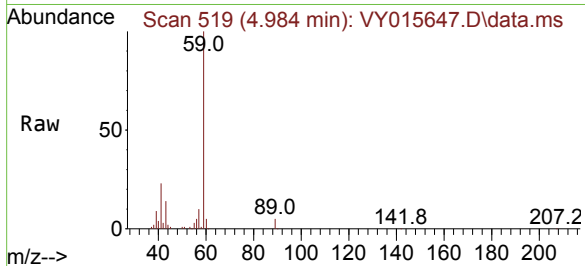




#11
Tert butyl alcohol
Concen: 219.034 ug/l
RT: 4.984 min Scan# 515
Delta R.T. 0.030 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

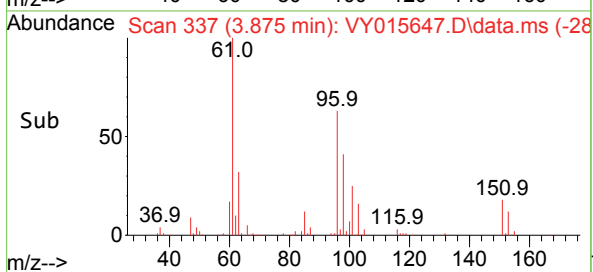
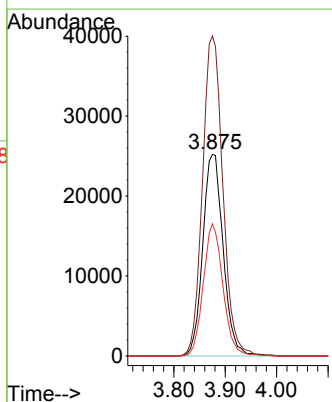
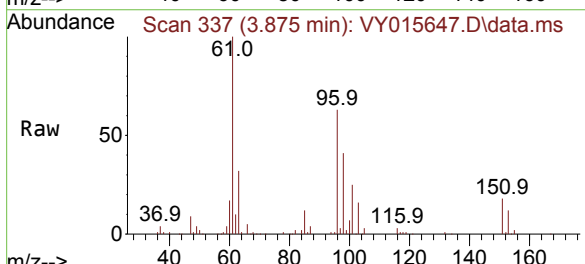
Instrument :
MSVOA_Y
ClientSampleId :

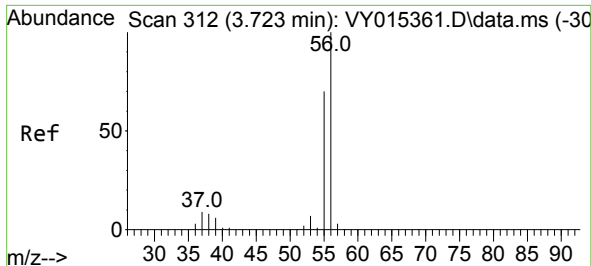
Tgt Ion: 59 Resp: 78742
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.576 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 96 Resp: 69506
Ion Ratio Lower Upper
96 100
61 158.7 136.4 204.6
98 65.6 49.4 74.2





#13

Acrolein

Concen: 230.872 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

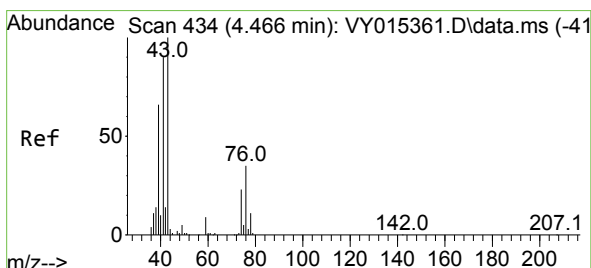
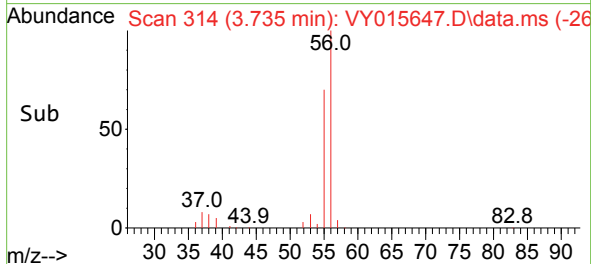
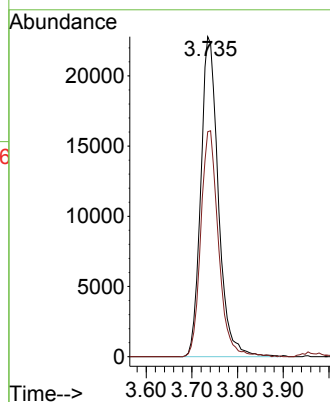
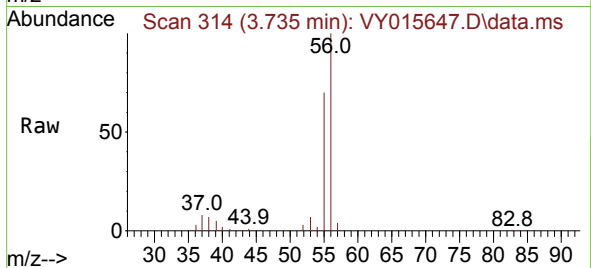
ClientSampleId :

Tgt Ion: 56 Resp: 60771

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 49.587 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

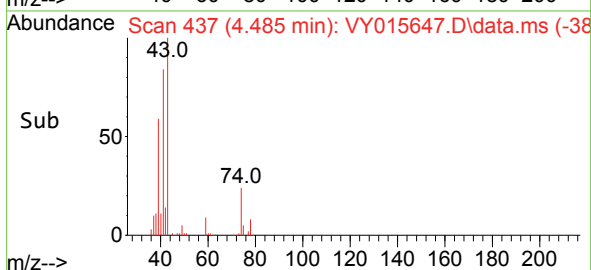
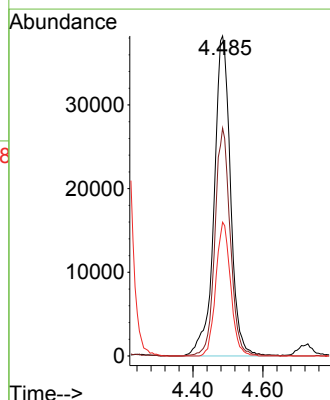
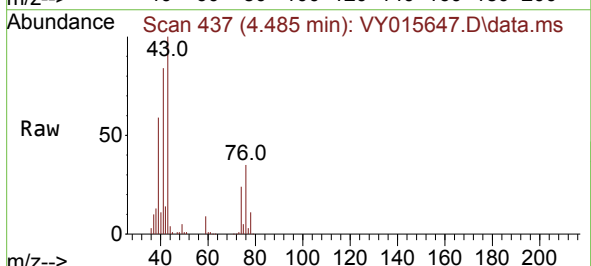
Tgt Ion: 41 Resp: 124597

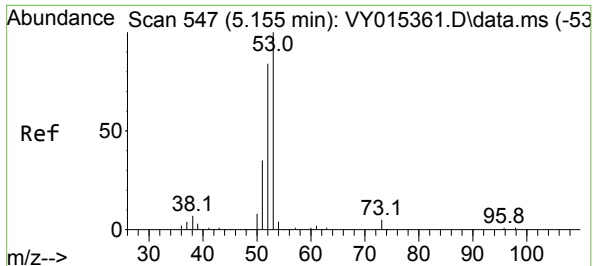
Ion Ratio Lower Upper

41 100

39 66.4 58.0 87.0

76 37.7 27.4 41.2

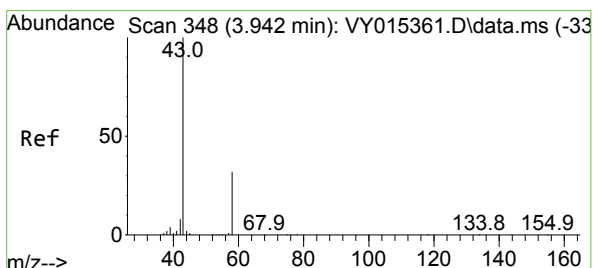
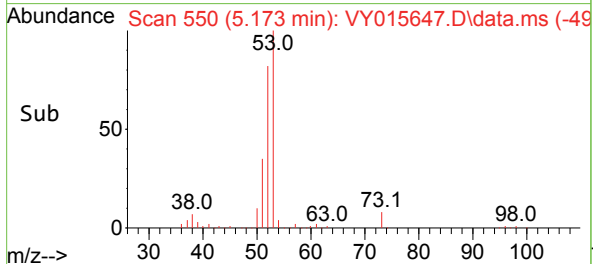
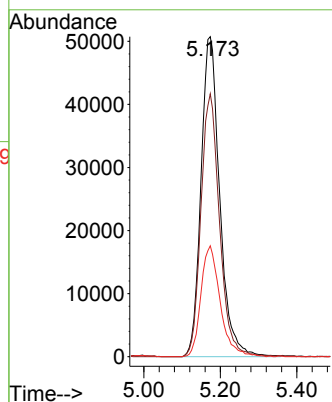
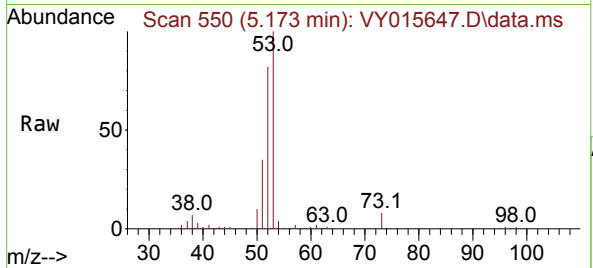




#15
Acrylonitrile
Concen: 221.175 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

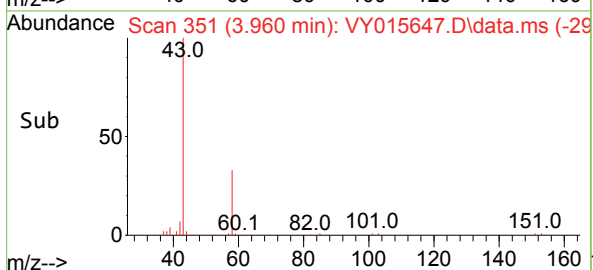
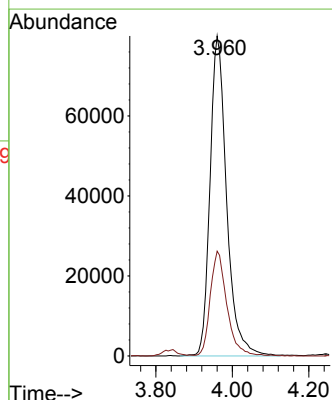
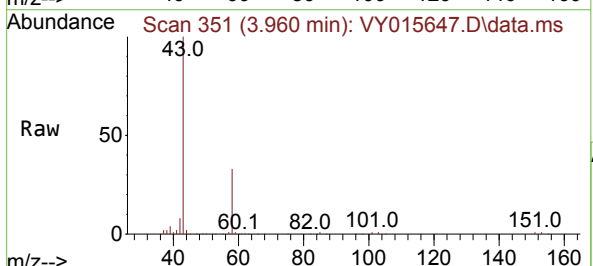
Instrument :
MSVOA_Y
ClientSampleId :

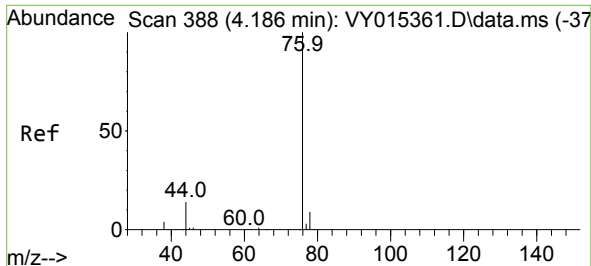
Tgt Ion: 53 Resp: 172347
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 262.336 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 43 Resp: 241297
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1





#17

Carbon Disulfide

Concen: 52.182 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

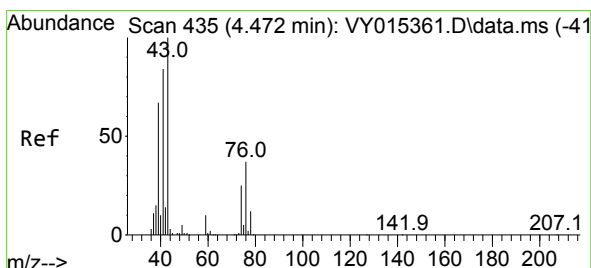
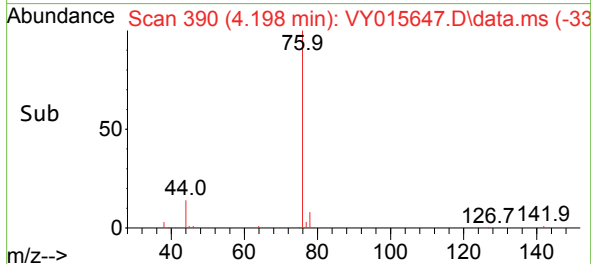
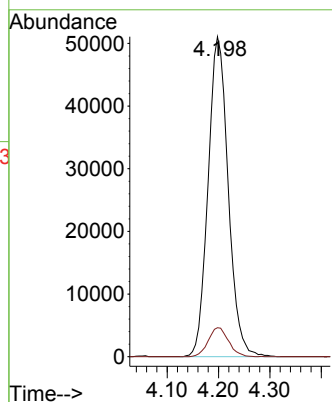
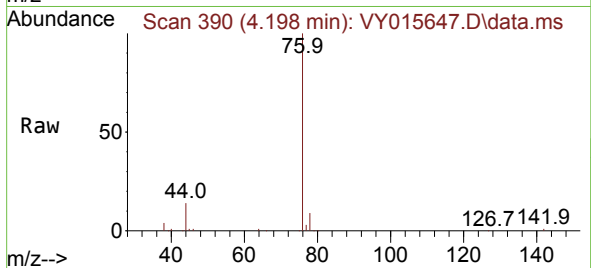
ClientSampleId :

Tgt Ion: 76 Resp: 139315

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 45.641 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015647.D

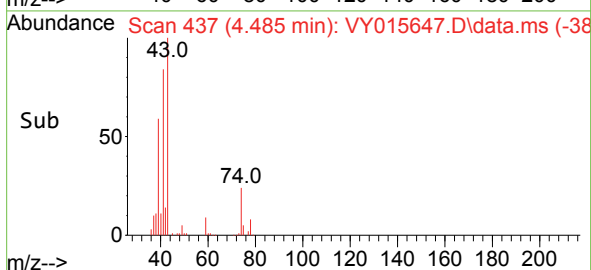
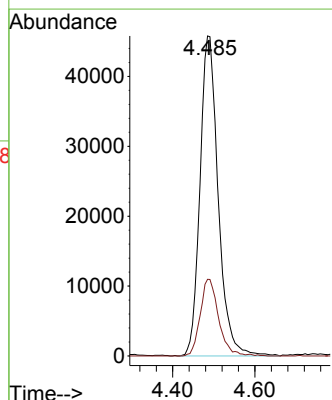
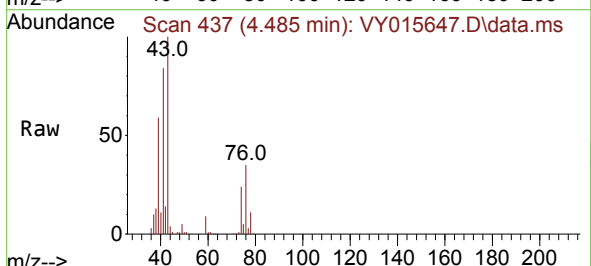
Acq: 20 Sep 2023 09:25

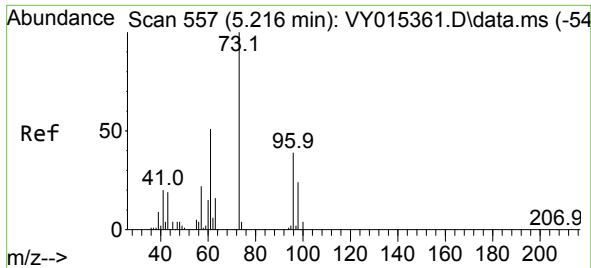
Tgt Ion: 43 Resp: 140853

Ion Ratio Lower Upper

43 100

74 24.0 17.4 26.0

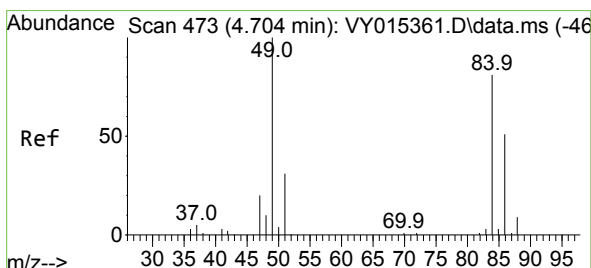
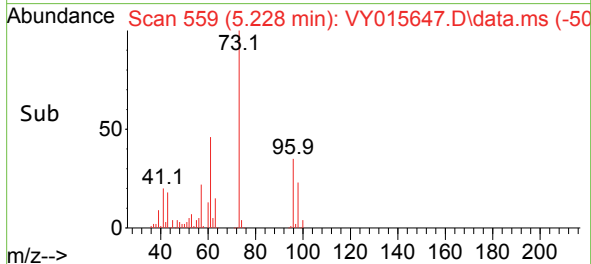
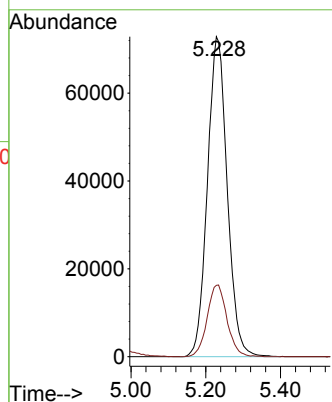
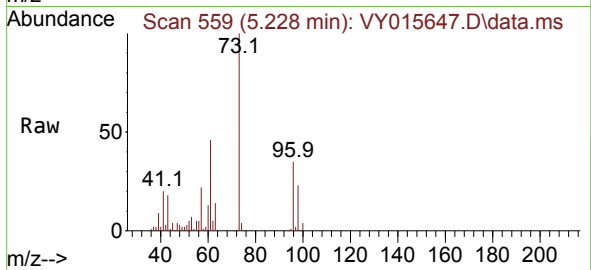




#19
Methyl tert-butyl Ether
Concen: 47.789 ug/l
RT: 5.228 min Scan# 519
Delta R.T. 0.018 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

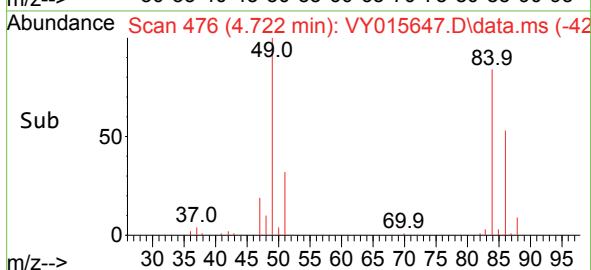
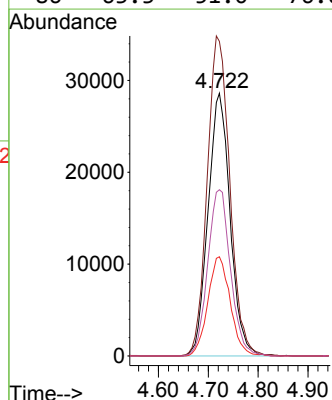
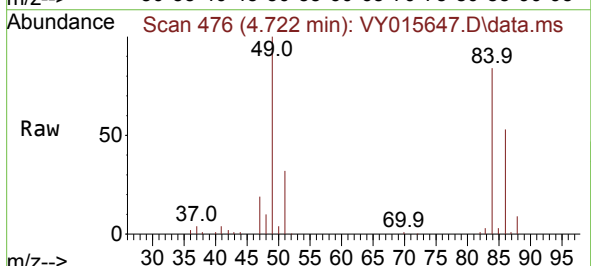
Instrument :
MSVOA_Y
ClientSampleId :

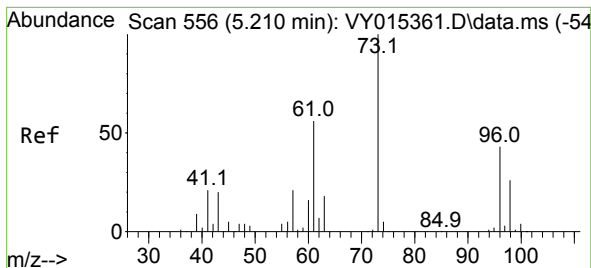
Tgt Ion: 73 Resp: 267486
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 43.036 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 84 Resp: 88048
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 37.8 33.2 49.8
86 63.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.751 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

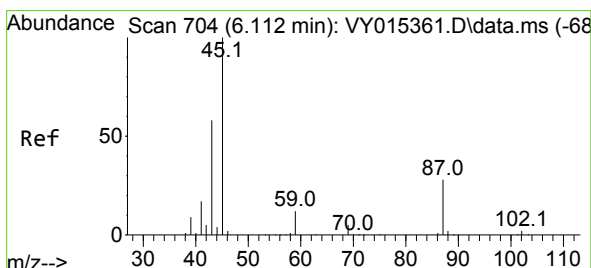
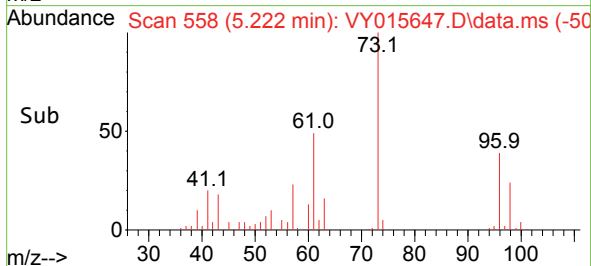
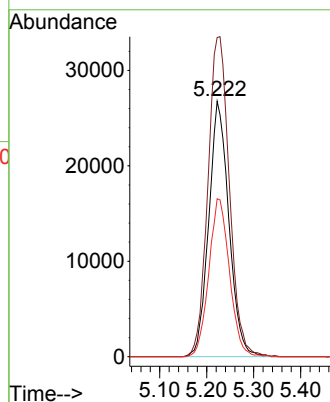
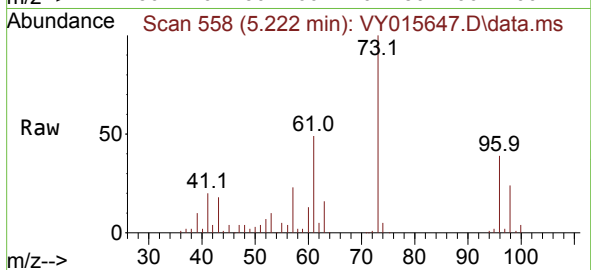
Tgt Ion: 96 Resp: 79721

Ion Ratio Lower Upper

96 100

61 125.0 110.2 165.4

98 61.8 51.8 77.6



#22

Diisopropyl ether

Concen: 49.405 ug/l

RT: 6.124 min Scan# 706

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Tgt Ion: 45 Resp: 298756

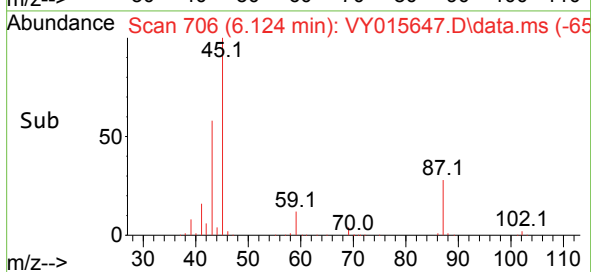
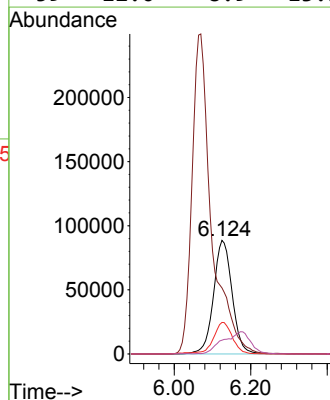
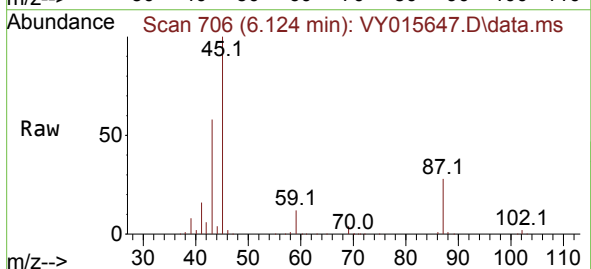
Ion Ratio Lower Upper

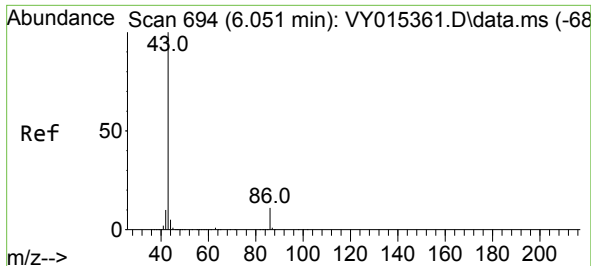
45 100

43 57.7 52.2 78.4

87 27.8 21.0 31.6

59 12.0 8.9 13.3

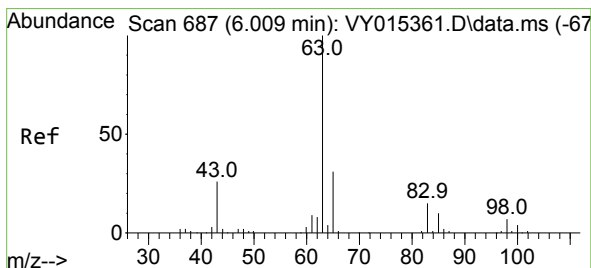
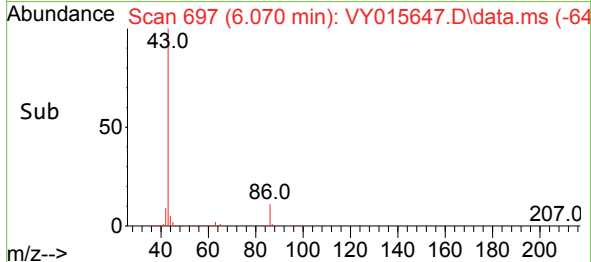
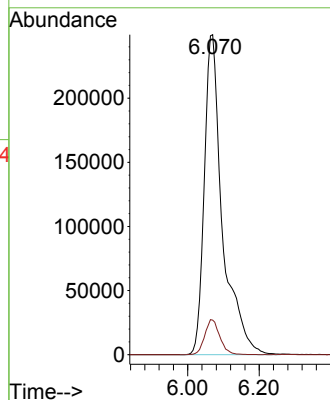
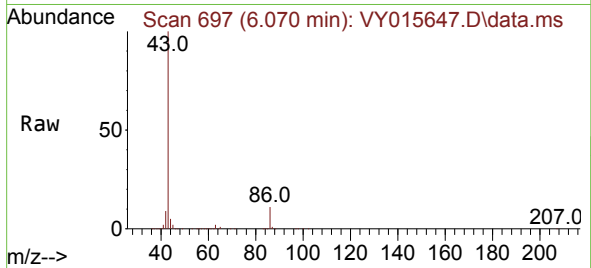




#23
 Vinyl Acetate
 Concen: 235.964 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY015647.D
 Acq: 20 Sep 2023 09:25

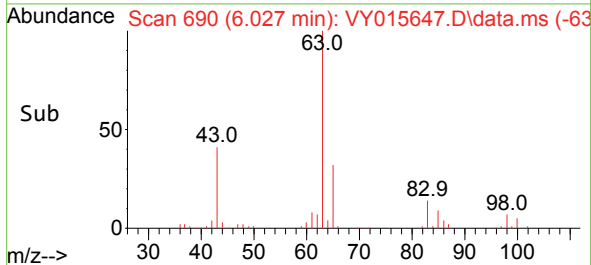
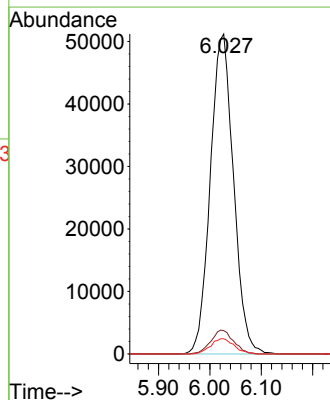
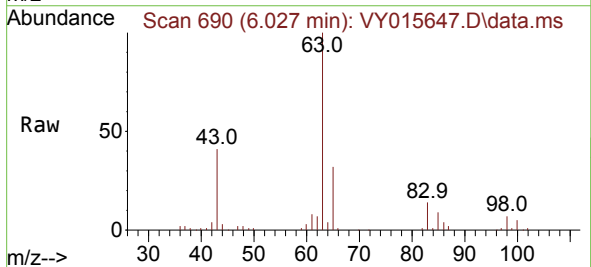
Instrument :
 MSVOA_Y
 ClientSampleId :

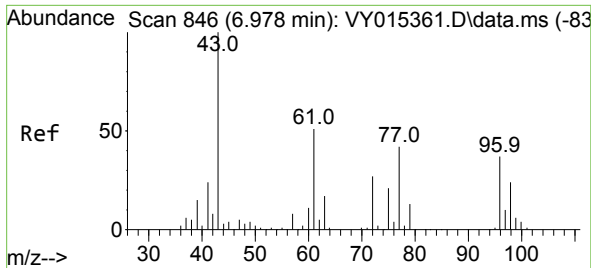
Tgt Ion: 43 Resp: 880722
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.637 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015647.D
 Acq: 20 Sep 2023 09:25

Tgt Ion: 63 Resp: 160309
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.8 1.8 5.5

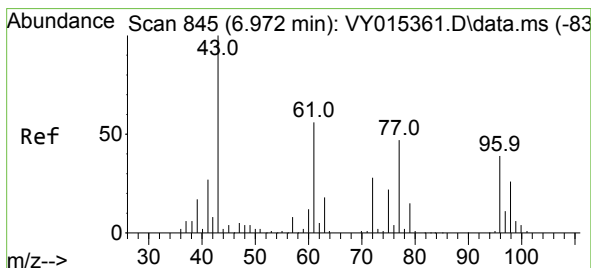
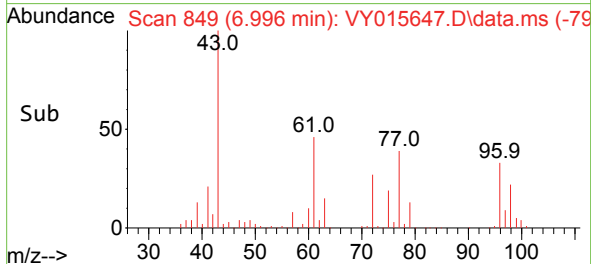
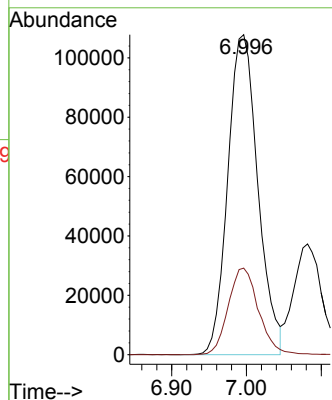
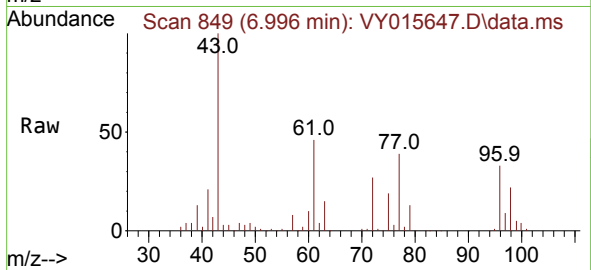




#25
2-Butanone
Concen: 232.367 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

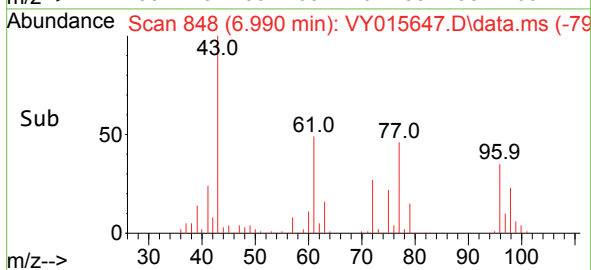
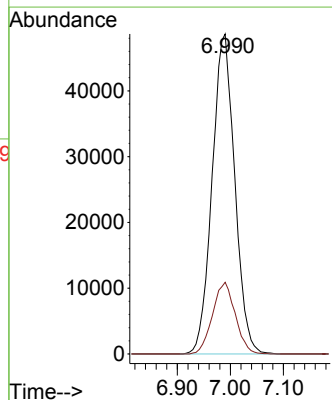
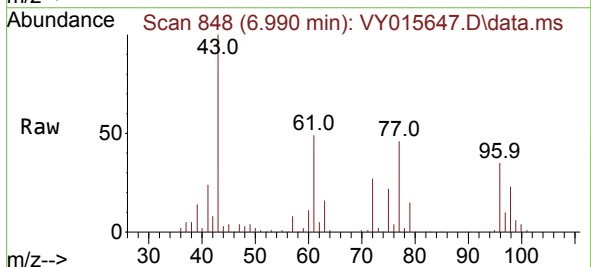
Instrument :
MSVOA_Y
ClientSampleId :

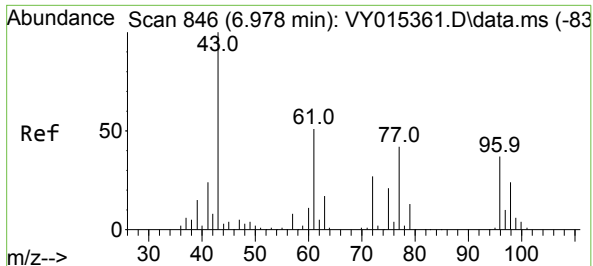
Tgt Ion: 43 Resp: 302103
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.822 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 77 Resp: 144065
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.673 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

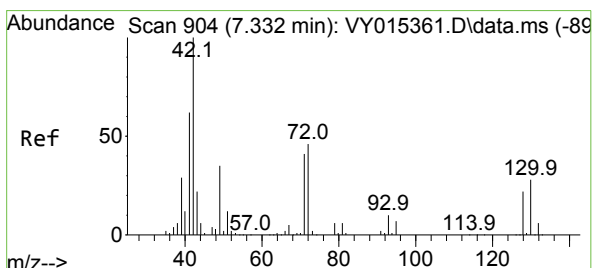
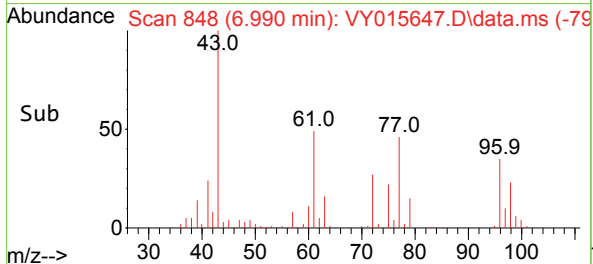
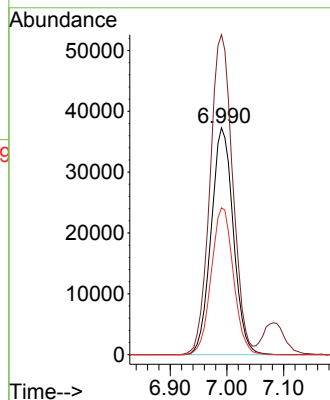
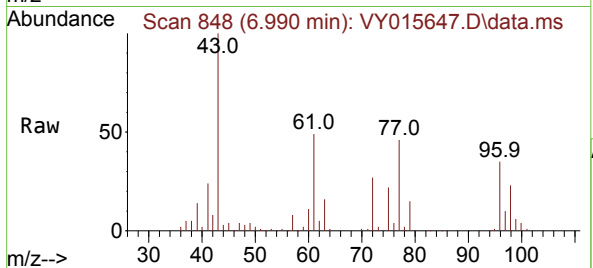
Tgt Ion: 96 Resp: 101502

Ion Ratio Lower Upper

96 100

61 144.1 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 49.466 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

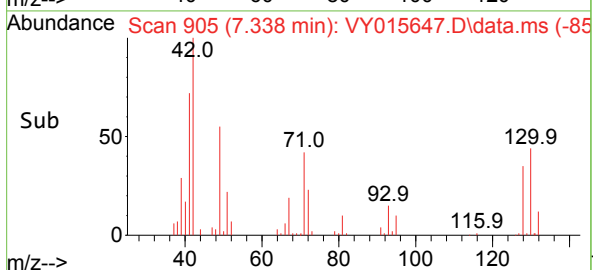
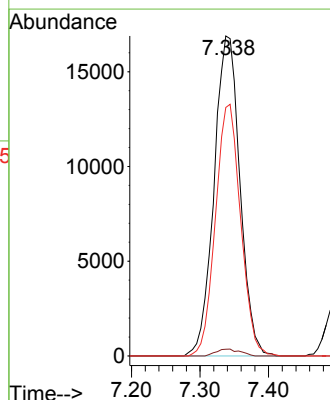
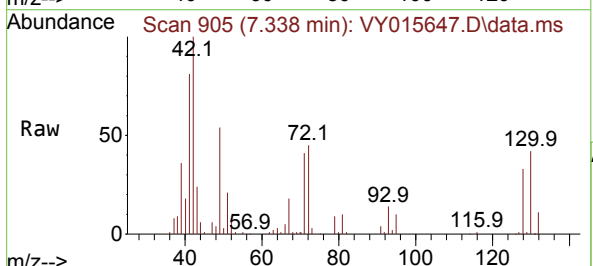
Tgt Ion: 49 Resp: 44234

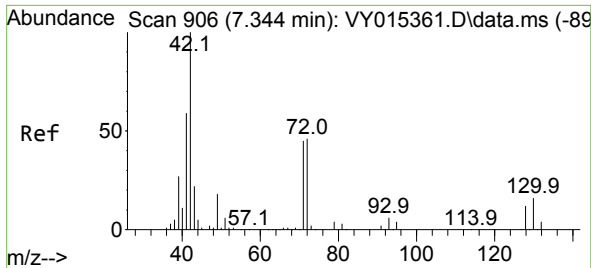
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 76.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 214.650 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

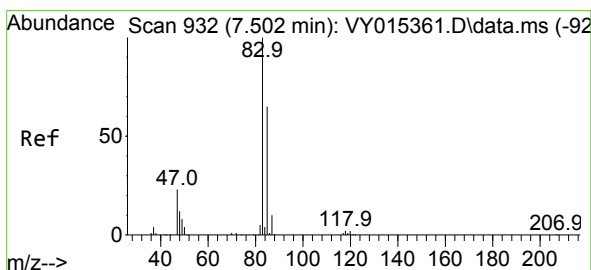
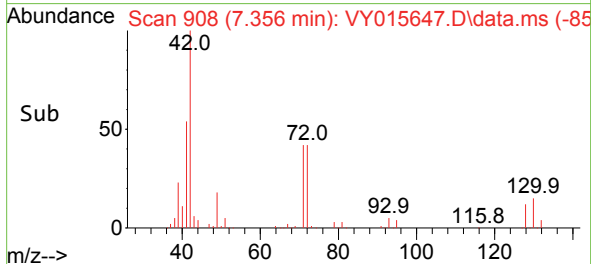
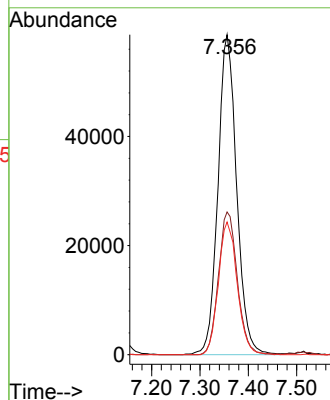
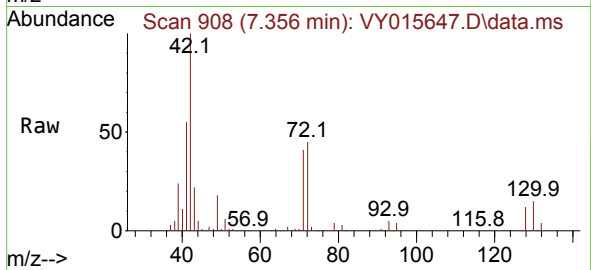
Tgt Ion: 42 Resp: 157732

Ion Ratio Lower Upper

42 100

72 45.0 32.8 49.2

71 41.8 31.0 46.4



#30

Chloroform

Concen: 48.412 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.018 min

Lab File: VY015647.D

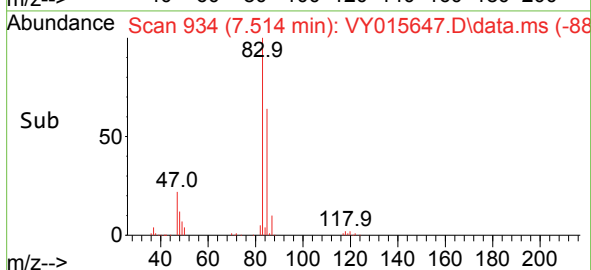
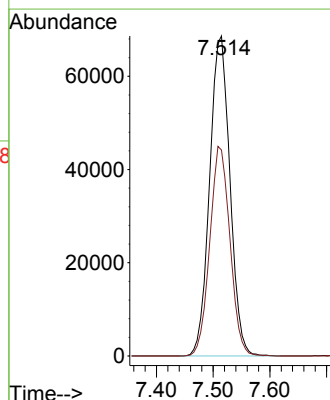
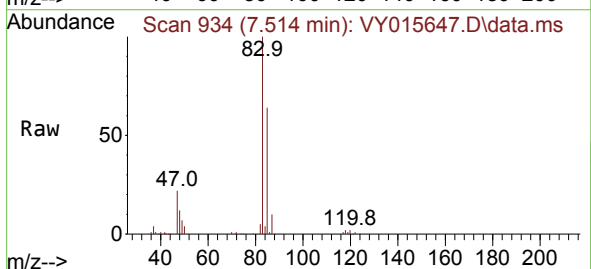
Acq: 20 Sep 2023 09:25

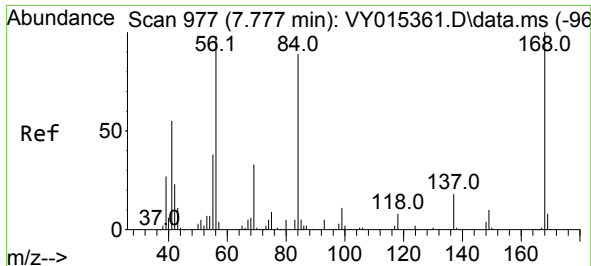
Tgt Ion: 83 Resp: 170882

Ion Ratio Lower Upper

83 100

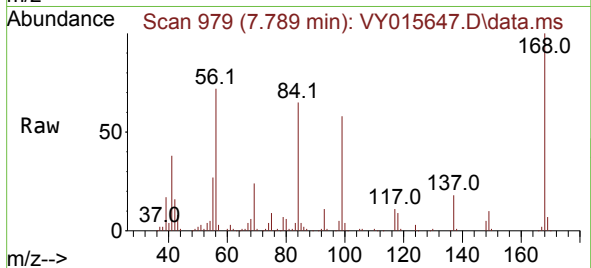
85 64.4 49.7 74.5



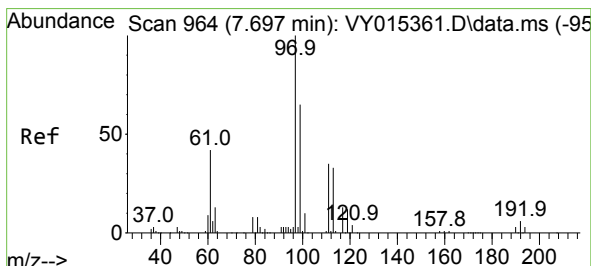
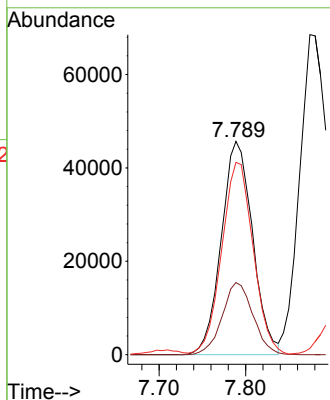
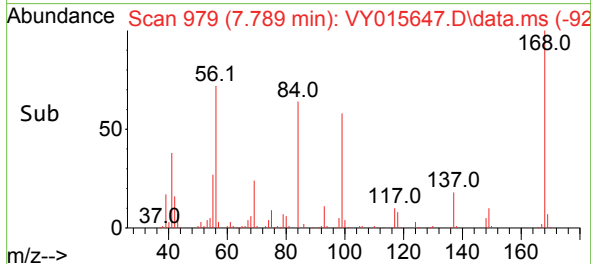


#31
Cyclohexane
Concen: 48.292 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

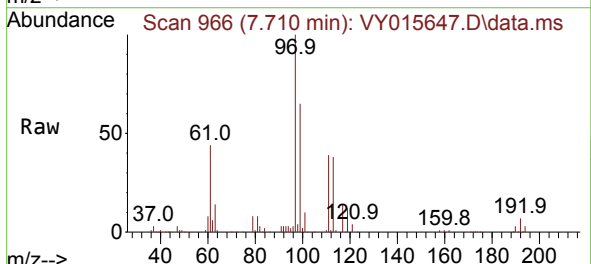
Instrument :
MSVOA_Y
ClientSampleId :



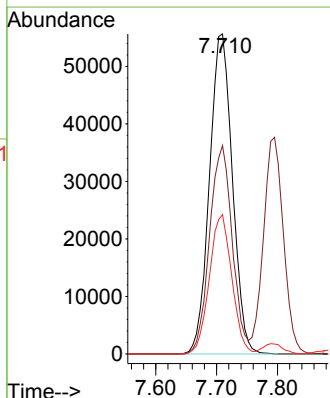
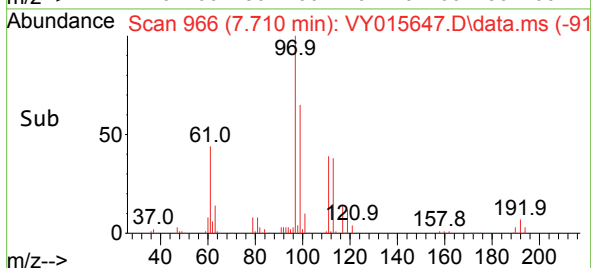
Tgt Ion: 56 Resp: 114982
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 88.6 66.4 99.6

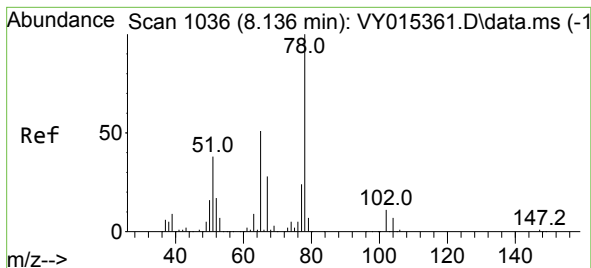


#32
1,1,1-Trichloroethane
Concen: 49.894 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25



Tgt Ion: 97 Resp: 145385
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 40.709 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

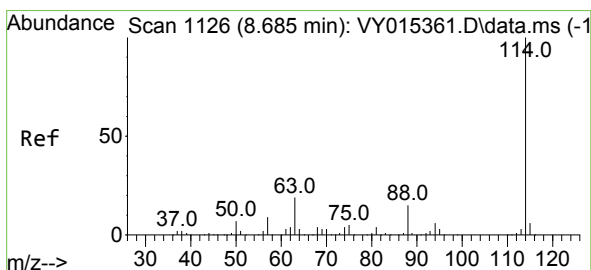
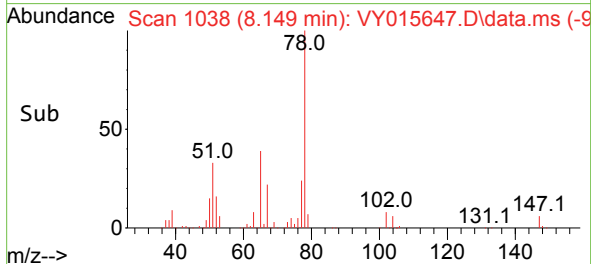
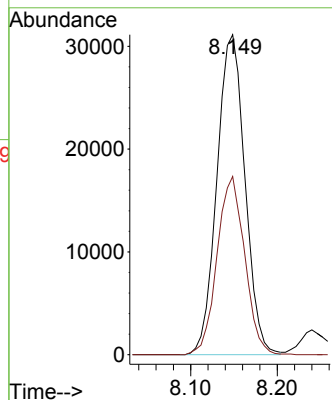
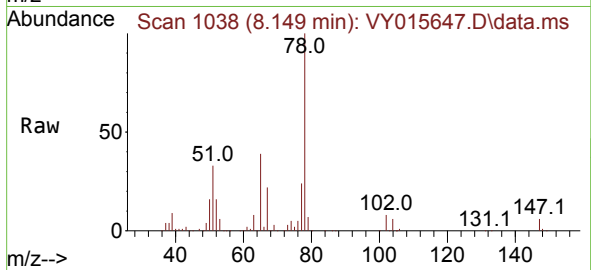
ClientSampleId :

Tgt Ion: 65 Resp: 69968

Ion Ratio Lower Upper

65 100

67 54.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

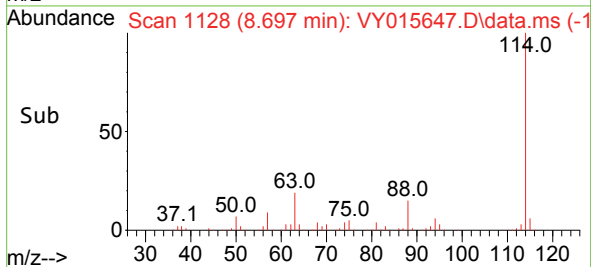
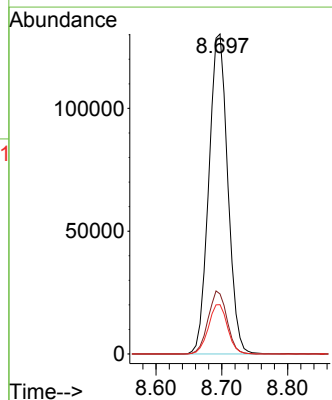
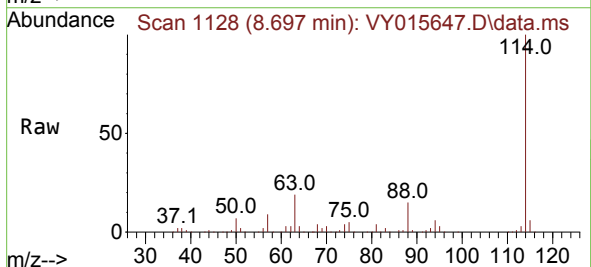
Tgt Ion: 114 Resp: 261121

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.4 0.0 30.6

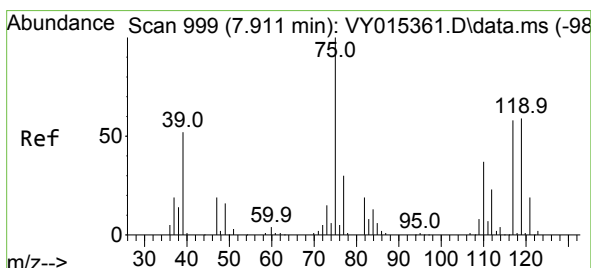
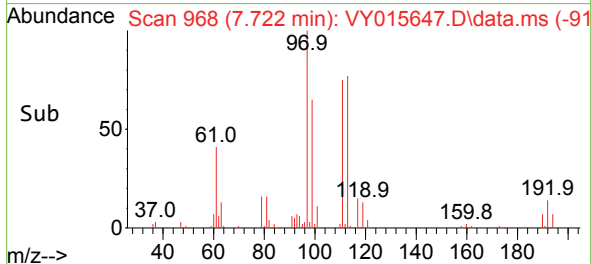
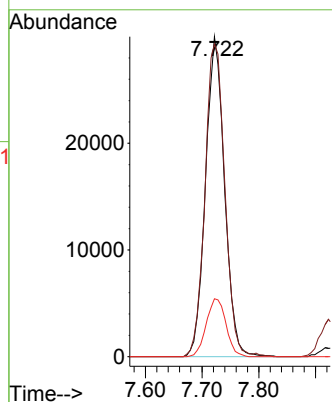
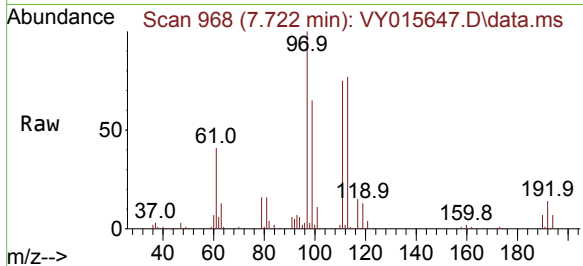




#35
Dibromofluoromethane
Concen: 44.631 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

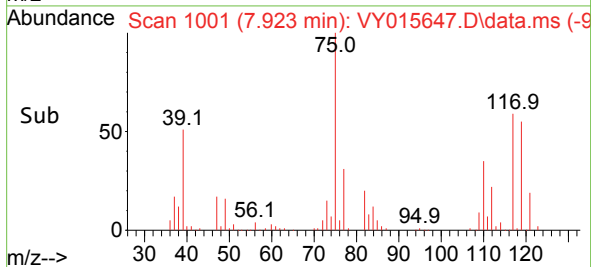
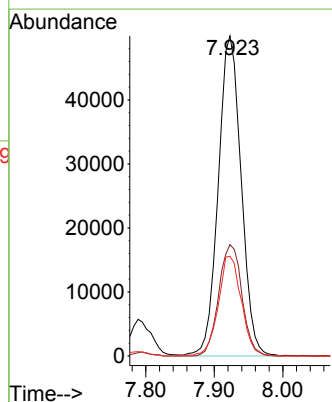
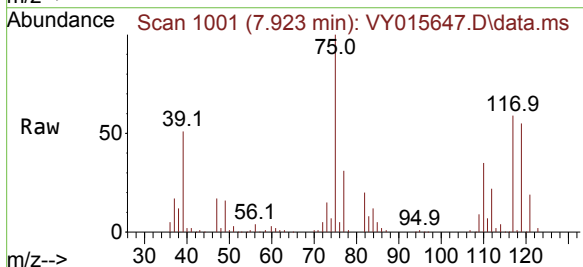
Instrument :
MSVOA_Y
ClientSampleId :

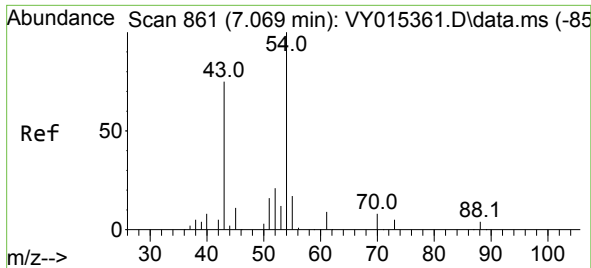
Tgt Ion:113 Resp: 69753
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.137 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 75 Resp: 115859
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 31.4 24.4 36.6

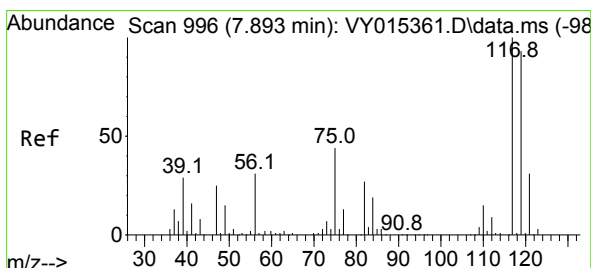
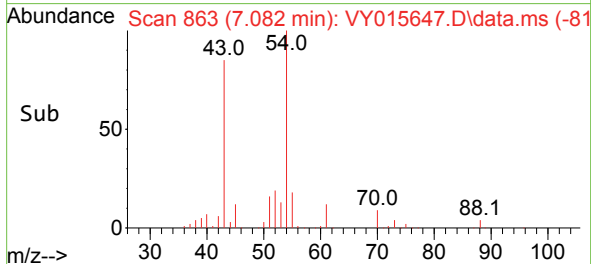
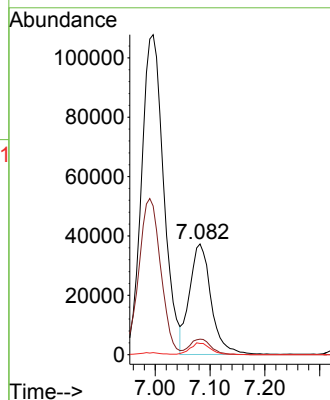
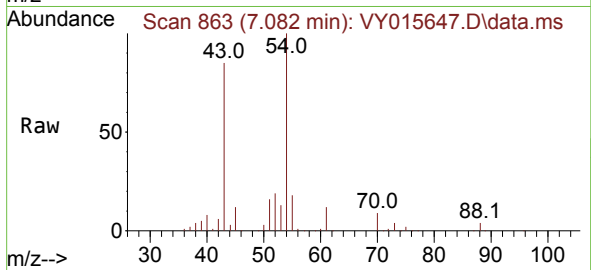




#37
Ethyl Acetate
Concen: 44.203 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.019 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

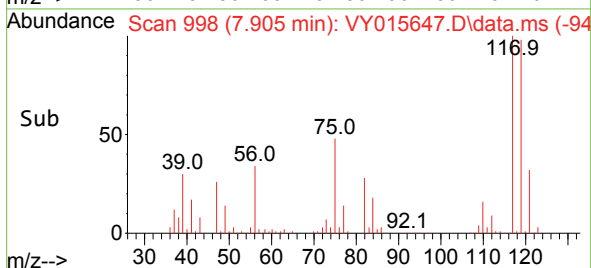
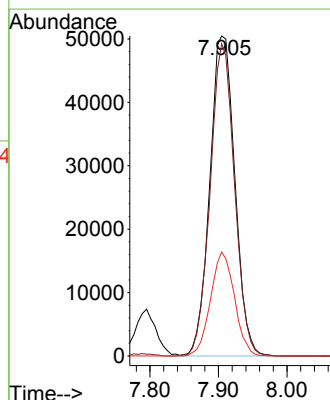
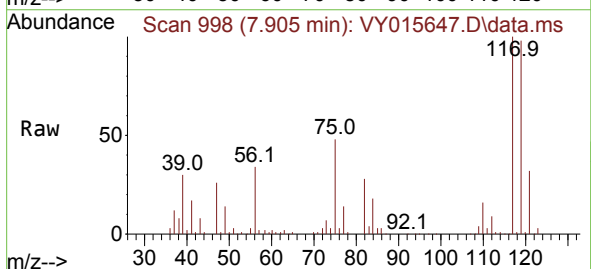
Instrument :
MSVOA_Y
ClientSampleId :

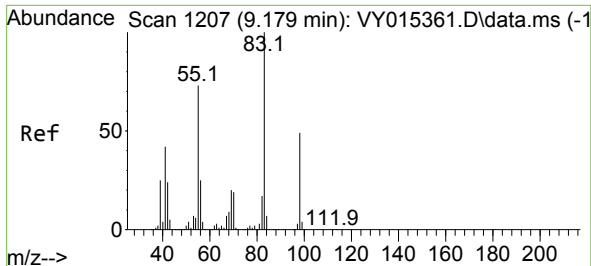
Tgt Ion: 43 Resp: 101887
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 51.071 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 117 Resp: 128104
Ion Ratio Lower Upper
117 100
119 97.6 76.4 114.6
121 32.5 25.8 38.6





#39

Methylcyclohexane

Concen: 48.594 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

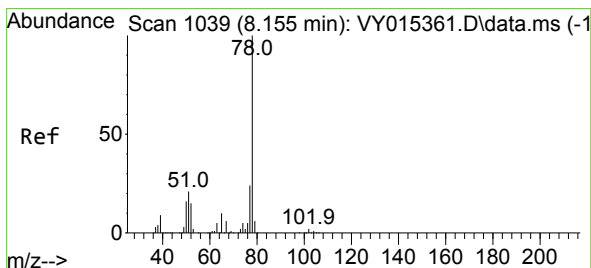
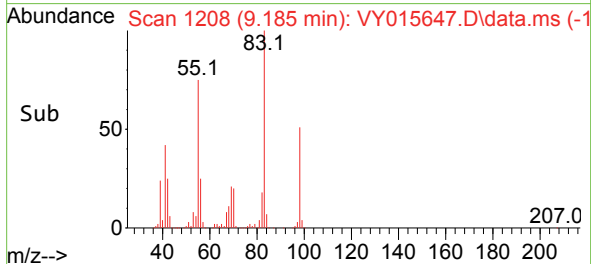
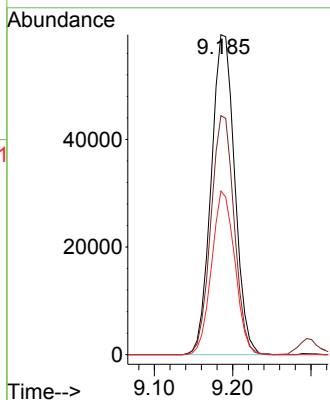
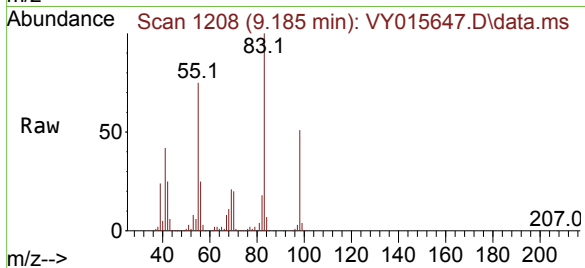
Tgt Ion: 83 Resp: 124203

Ion Ratio Lower Upper

83 100

55 74.7 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 49.273 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015647.D

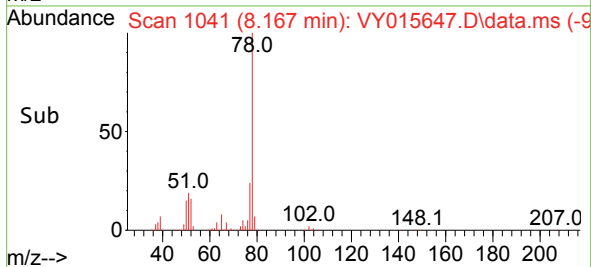
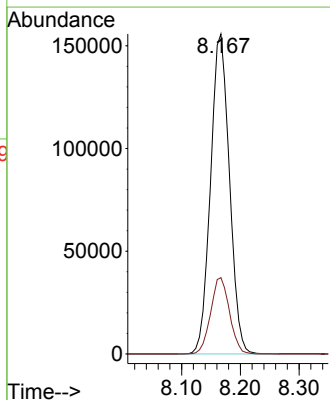
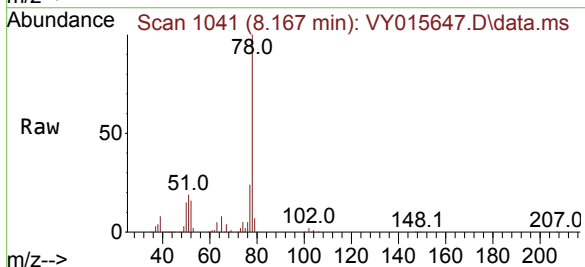
Acq: 20 Sep 2023 09:25

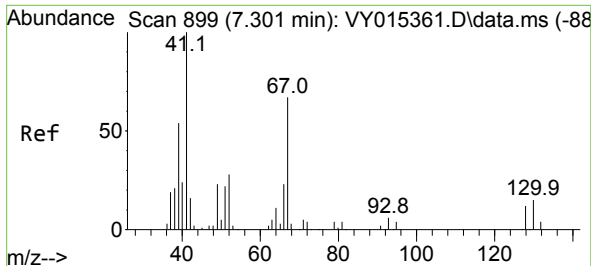
Tgt Ion: 78 Resp: 347233

Ion Ratio Lower Upper

78 100

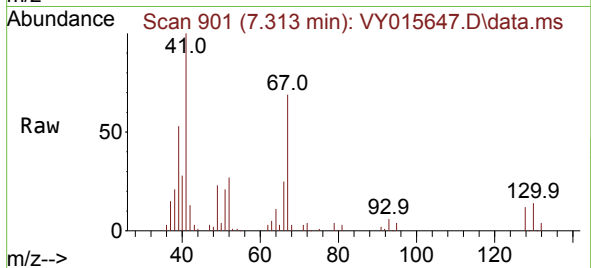
77 23.8 19.0 28.6



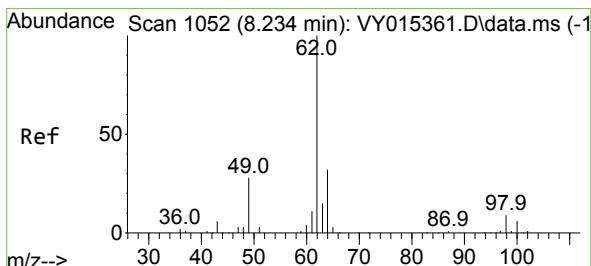
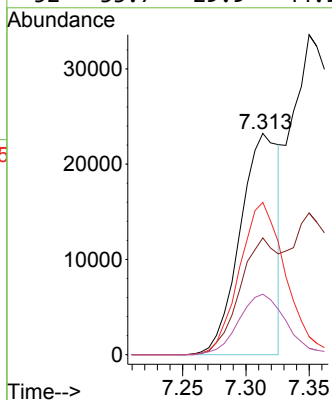
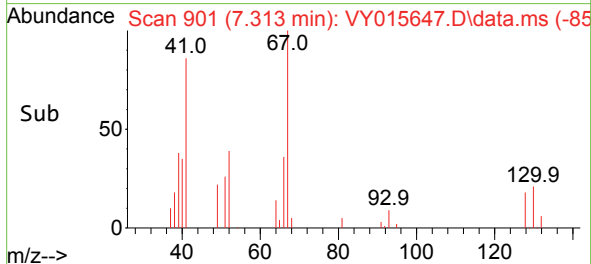


#41
Methacrylonitrile
Concen: 39.708 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Instrument :
MSVOA_Y
ClientSampleId :

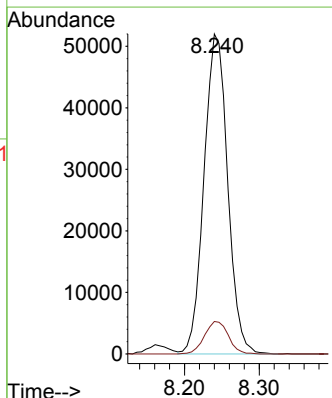
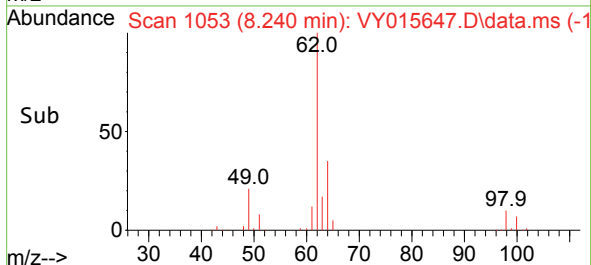
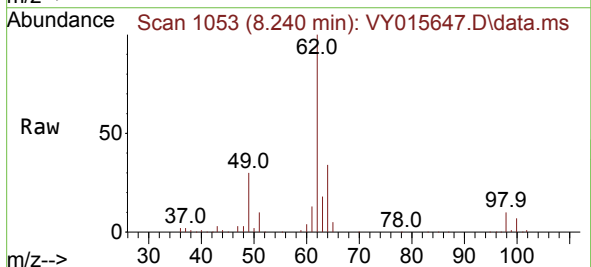


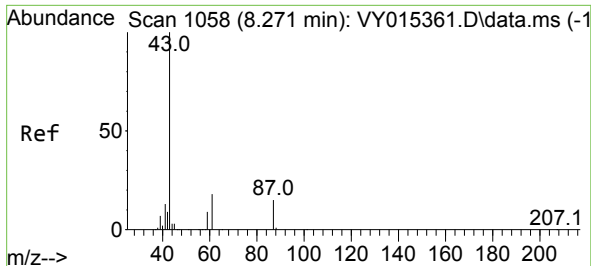
Tgt Ion: 41 Resp: 49282
Ion Ratio Lower Upper
41 100
39 52.0 52.1 78.1#
67 82.9 66.2 99.2
52 33.7 29.9 44.9



#42
1,2-Dichloroethane
Concen: 47.375 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

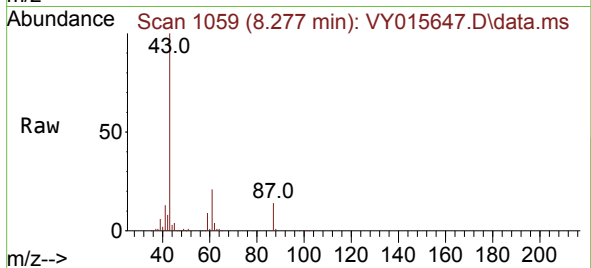
Tgt Ion: 62 Resp: 114340
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8



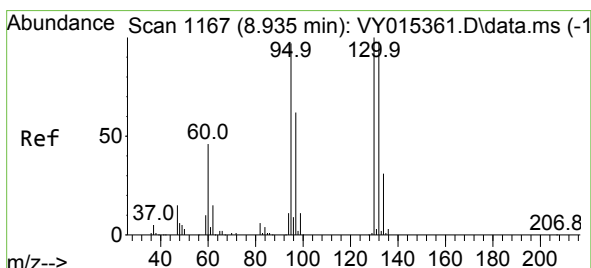
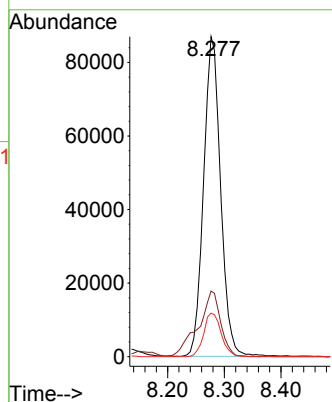
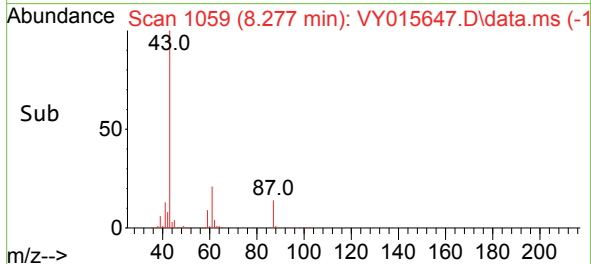


#43
Isopropyl Acetate
Concen: 46.055 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Instrument :
MSVOA_Y
ClientSampleId :

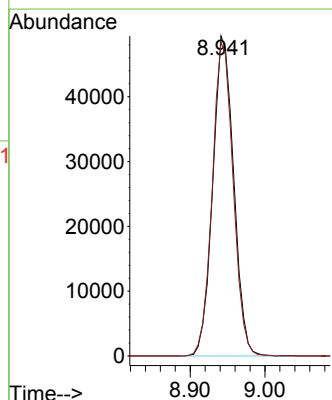
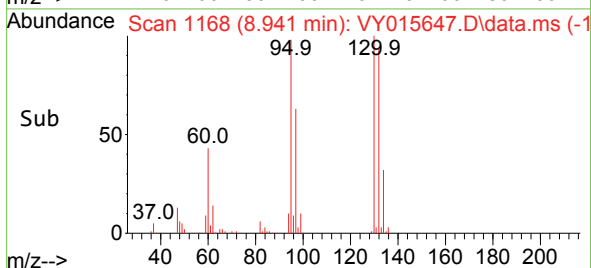
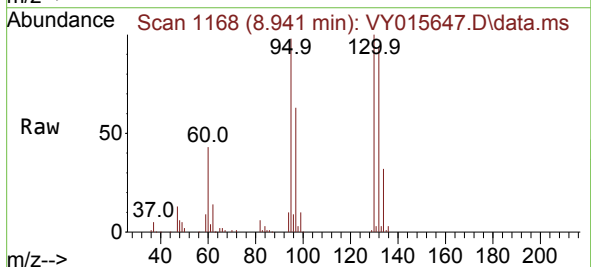


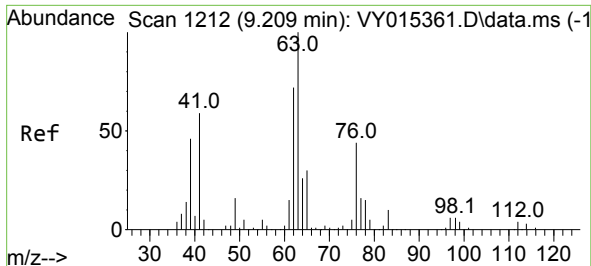
Tgt Ion: 43 Resp: 181336
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 48.682 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion:130 Resp: 95820
Ion Ratio Lower Upper
130 100
95 98.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.616 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

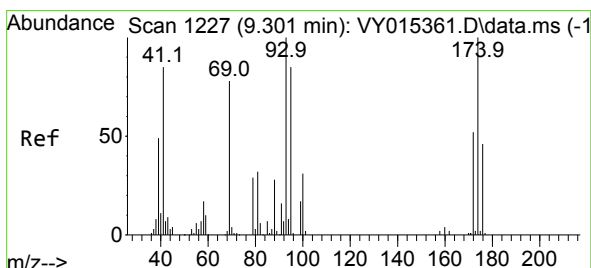
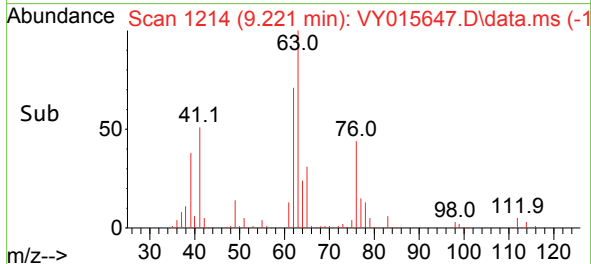
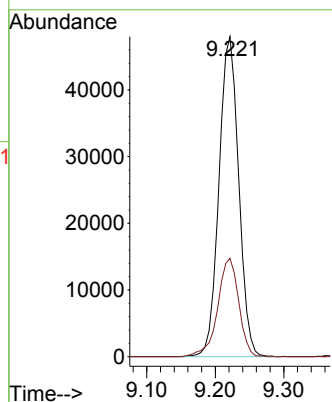
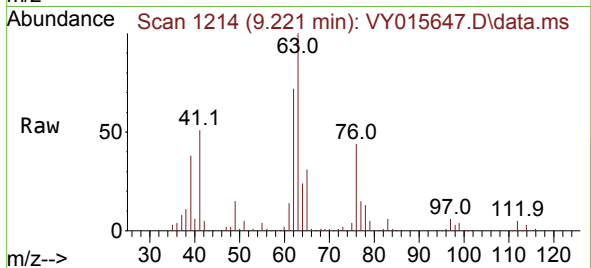
ClientSampleId :

Tgt Ion: 63 Resp: 95542

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 47.380 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

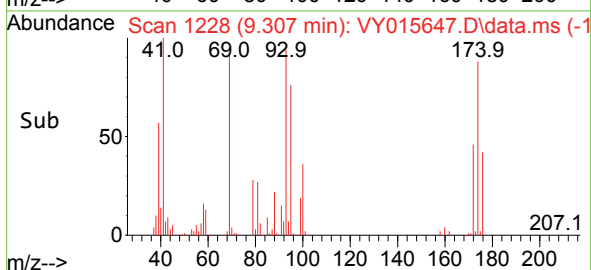
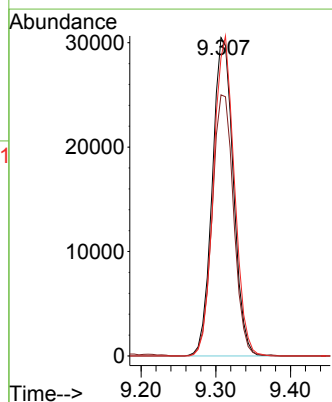
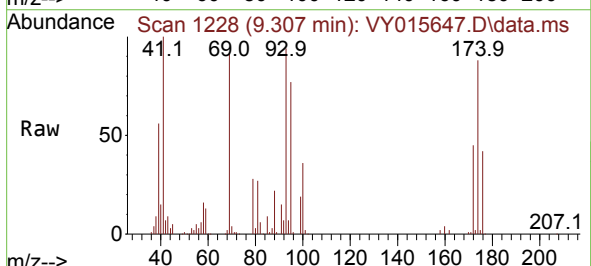
Tgt Ion: 93 Resp: 59561

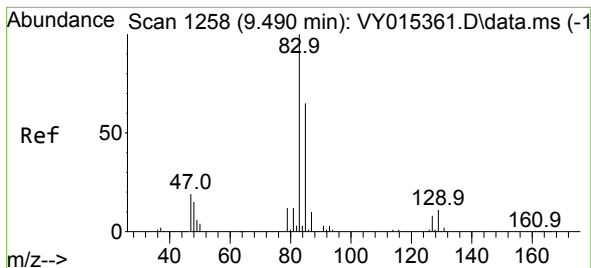
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 99.1 84.8 127.2





#47

Bromodichloromethane

Concen: 49.152 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.012 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

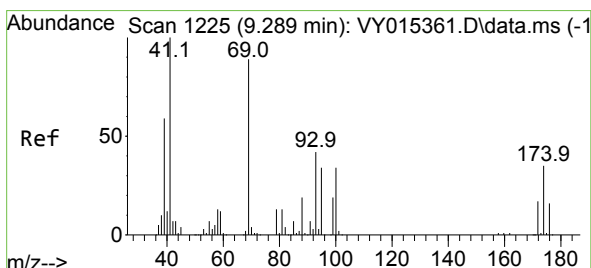
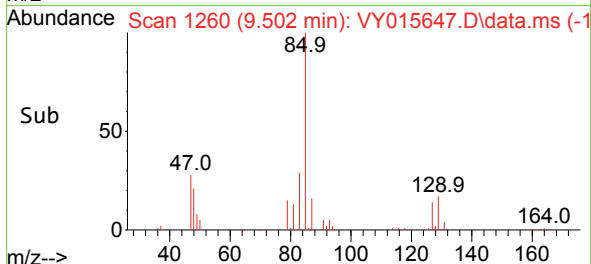
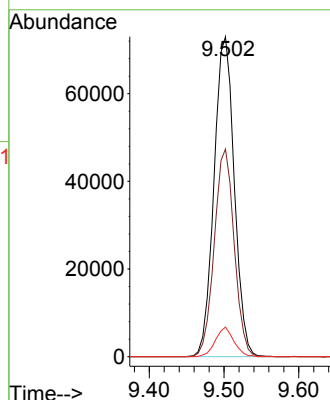
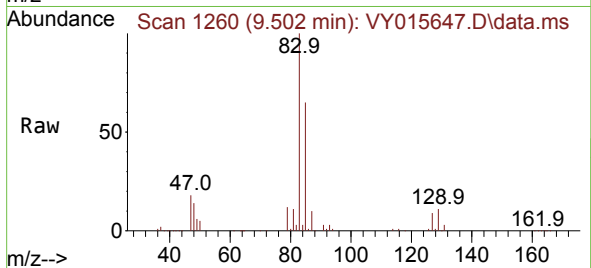
Tgt Ion: 83 Resp: 137725

Ion Ratio Lower Upper

83 100

85 64.9 50.1 75.1

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 46.594 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

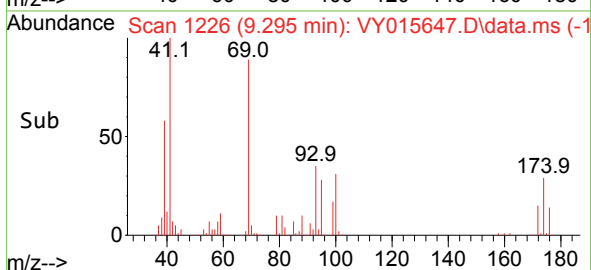
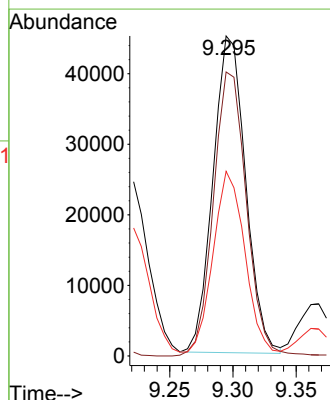
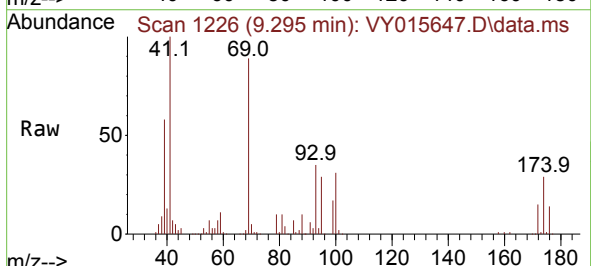
Tgt Ion: 41 Resp: 80526

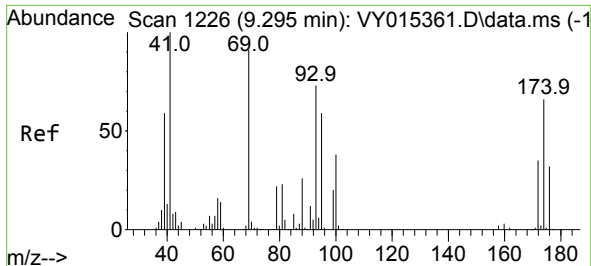
Ion Ratio Lower Upper

41 100

69 90.9 64.5 96.7

39 57.6 50.8 76.2





#49

1,4-Dioxane

Concen: 893.052 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

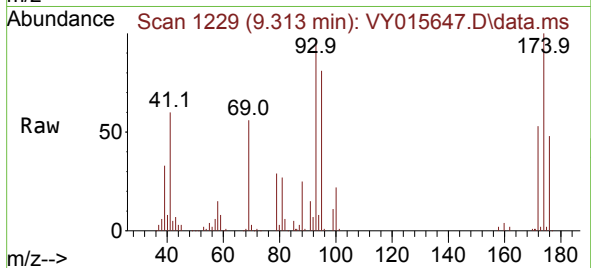
Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :



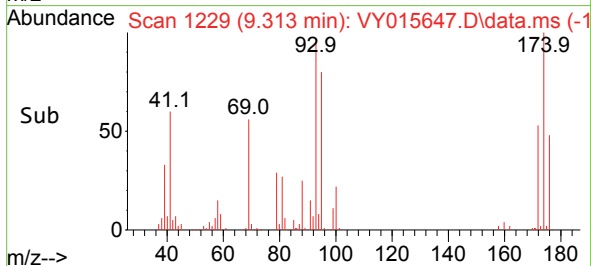
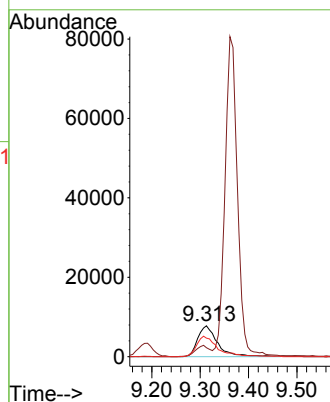
Tgt Ion: 88 Resp: 22179

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 71.1 30.9 46.3#



#50

Toluene-d8

Concen: 42.533 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015647.D

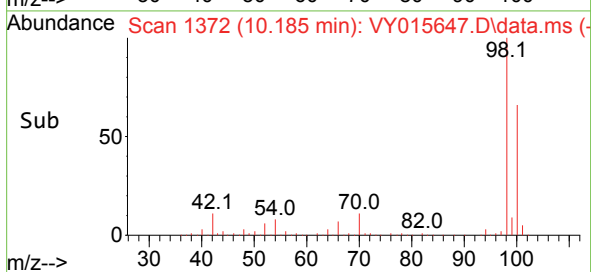
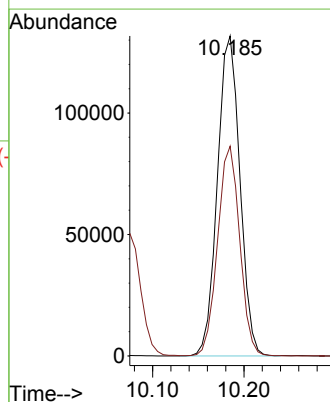
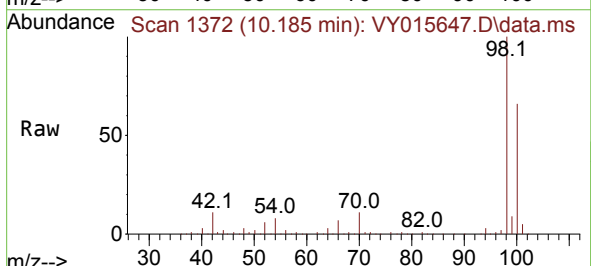
Acq: 20 Sep 2023 09:25

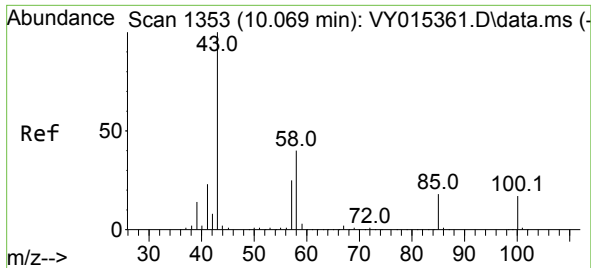
Tgt Ion: 98 Resp: 225394

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1

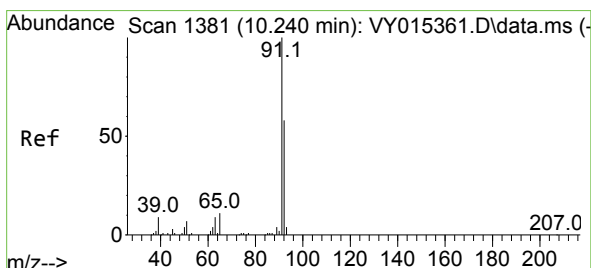
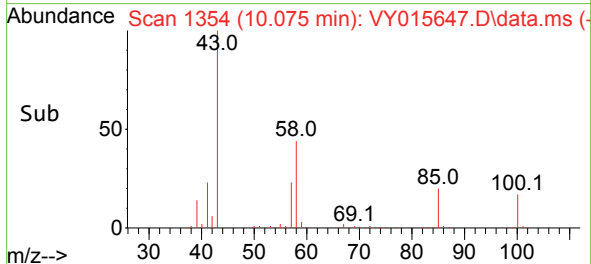
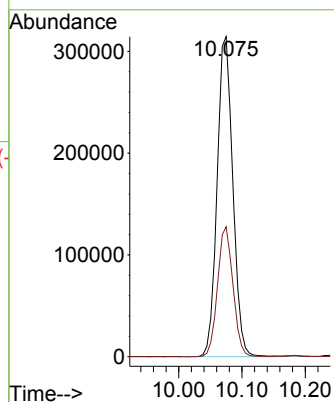
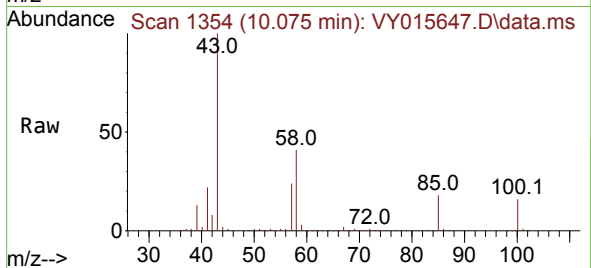




#51
4-Methyl-2-Pentanone
Concen: 221.988 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

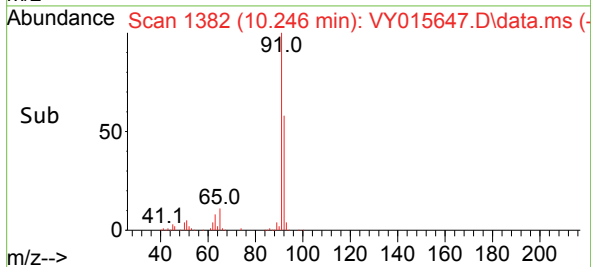
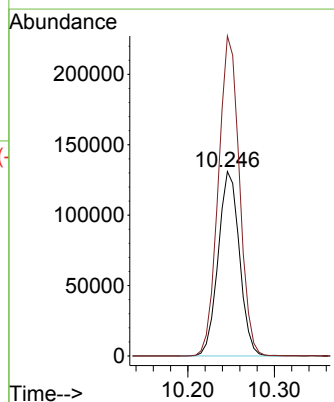
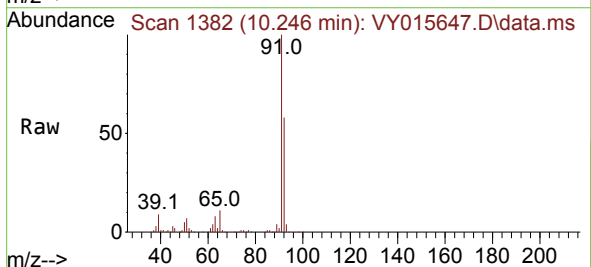
Instrument :
MSVOA_Y
ClientSampleId :

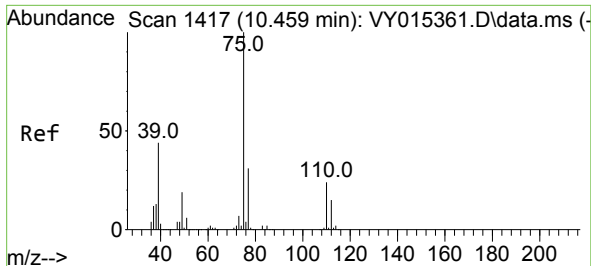
Tgt Ion: 43 Resp: 541750
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 49.097 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 92 Resp: 223058
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6

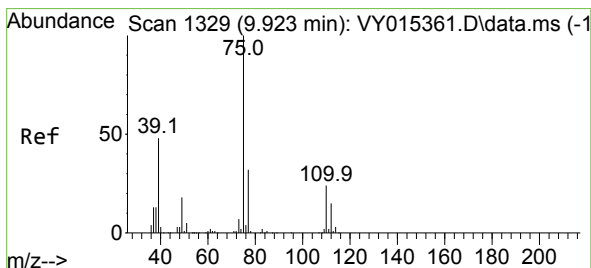
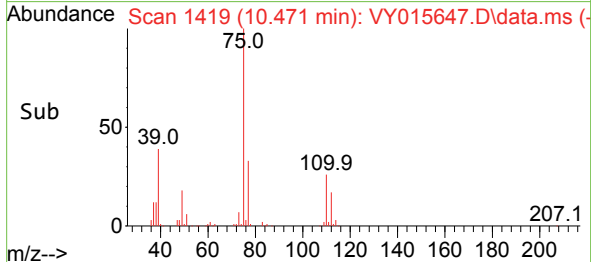
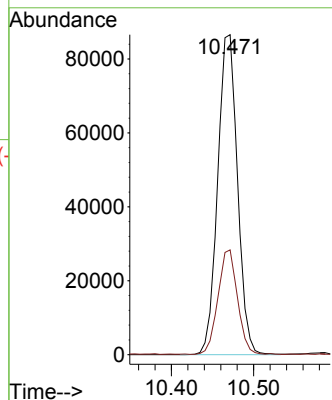
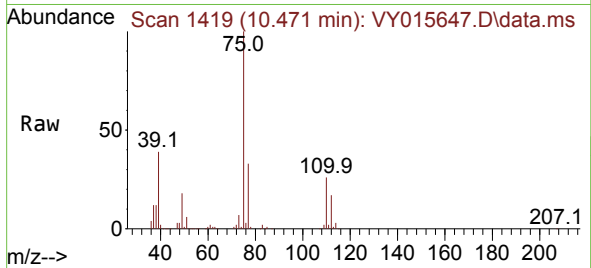




#53
 t-1,3-Dichloropropene
 Concen: 48.235 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015647.D
 Acq: 20 Sep 2023 09:25

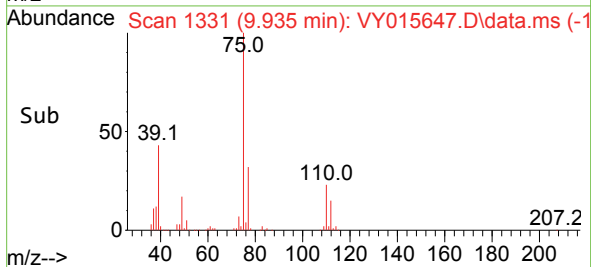
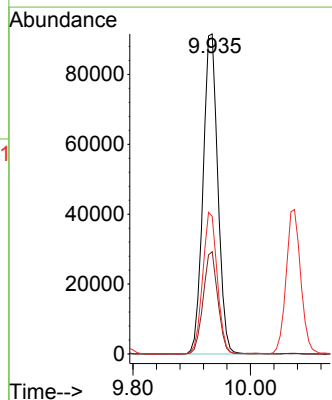
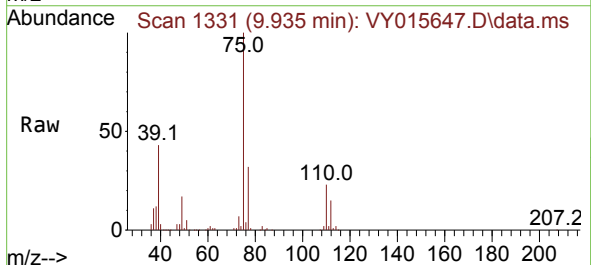
Instrument :
 MSVOA_Y
 ClientSampleId :

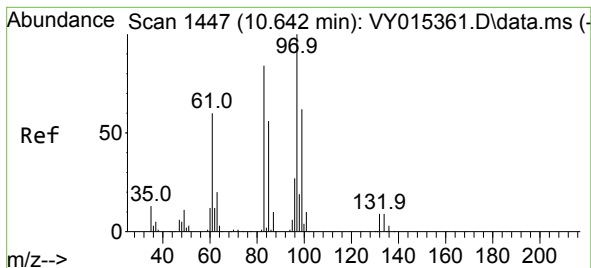
Tgt Ion: 75 Resp: 144936
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.557 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015647.D
 Acq: 20 Sep 2023 09:25

Tgt Ion: 75 Resp: 160289
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 43.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 47.215 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 86981

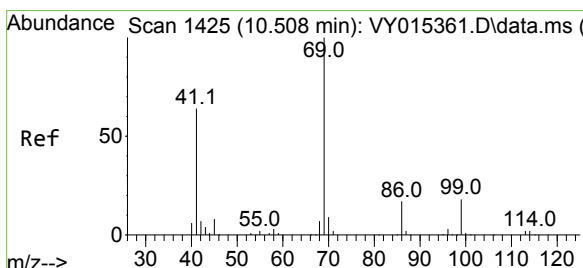
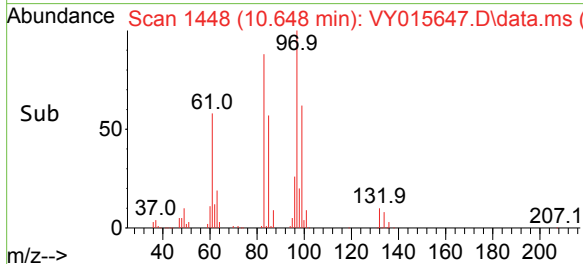
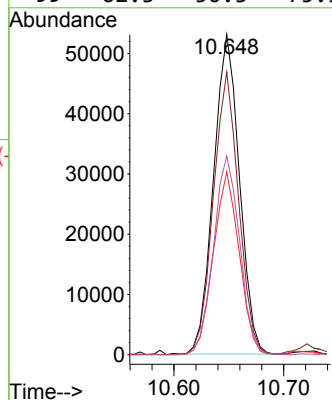
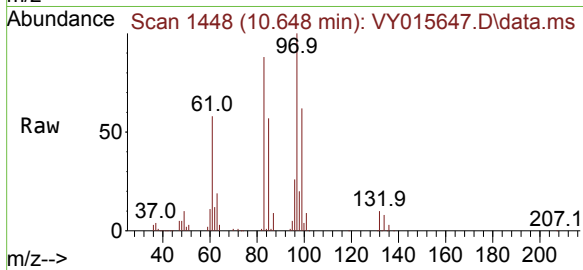
Ion Ratio Lower Upper

97 100

83 88.4 72.0 108.0

85 57.3 45.4 68.0

99 62.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 48.305 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

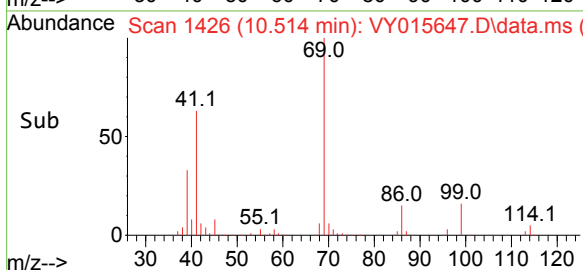
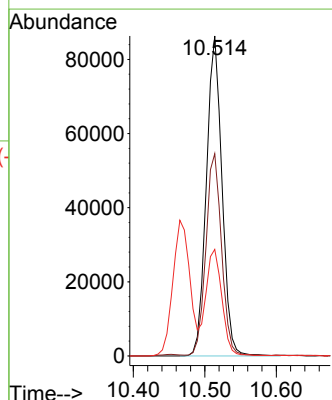
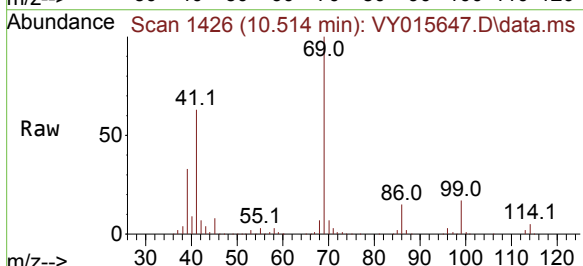
Tgt Ion: 69 Resp: 131142

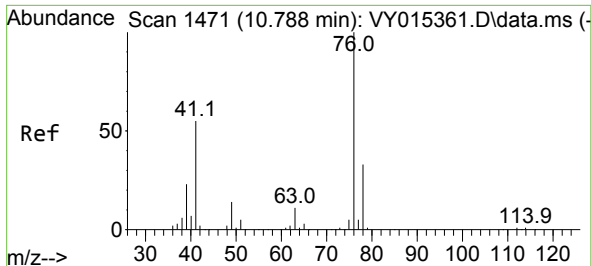
Ion Ratio Lower Upper

69 100

41 63.1 57.6 86.4

39 34.2 34.1 51.1





#57

1,3-Dichloropropane

Concen: 47.634 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

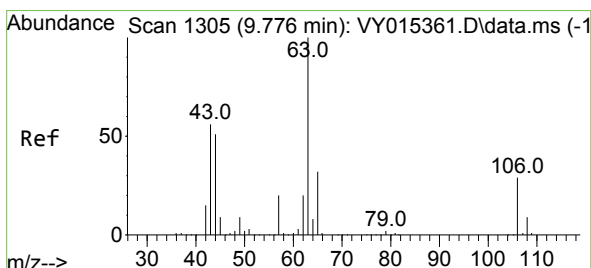
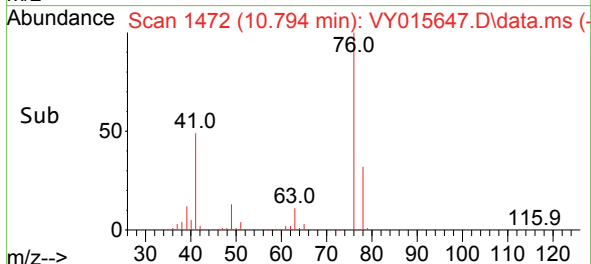
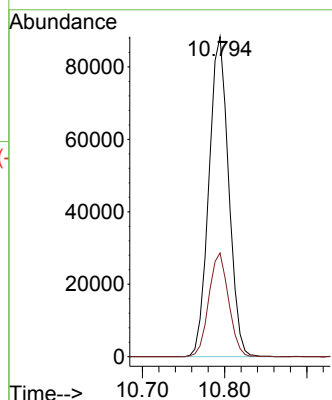
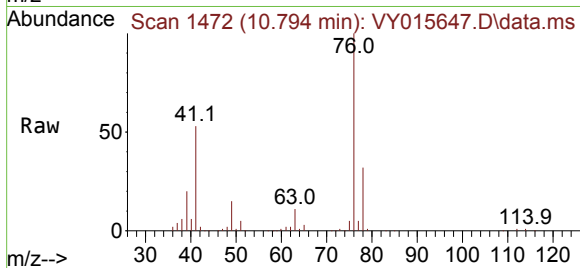
ClientSampleId :

Tgt Ion: 76 Resp: 147160

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 226.959 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015647.D

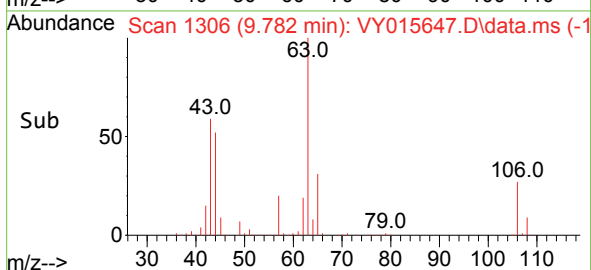
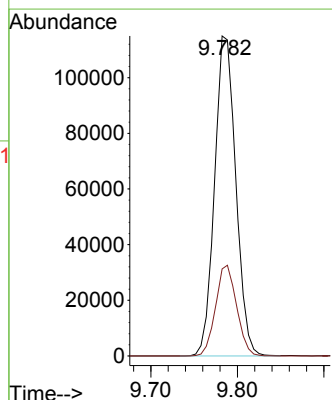
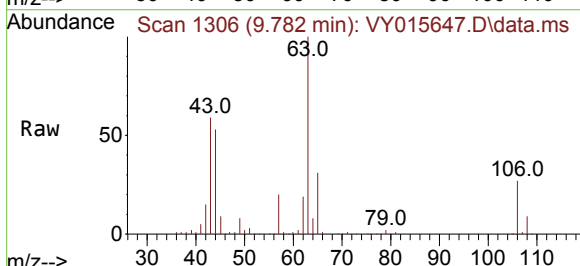
Acq: 20 Sep 2023 09:25

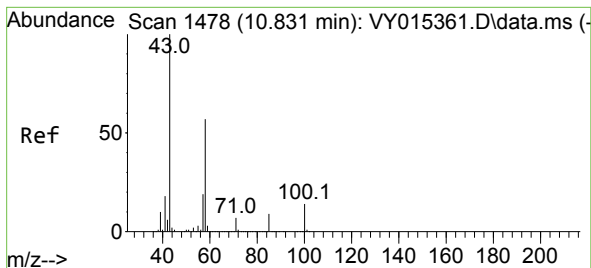
Tgt Ion: 63 Resp: 195723

Ion Ratio Lower Upper

63 100

106 28.1 21.2 31.8

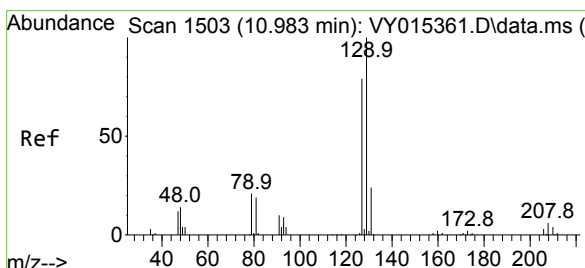
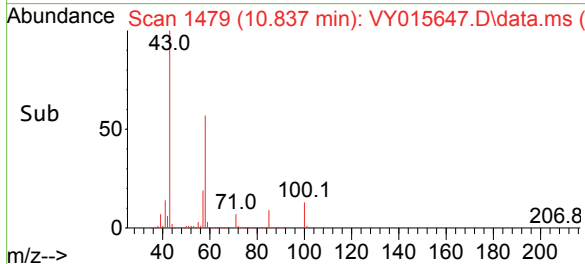
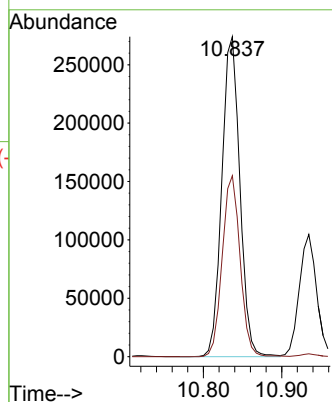
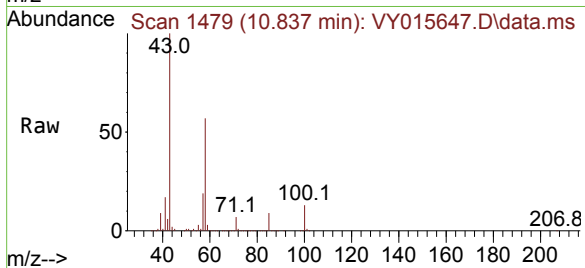




#59
2-Hexanone
Concen: 234.390 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

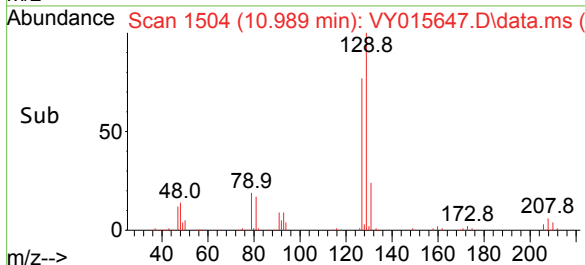
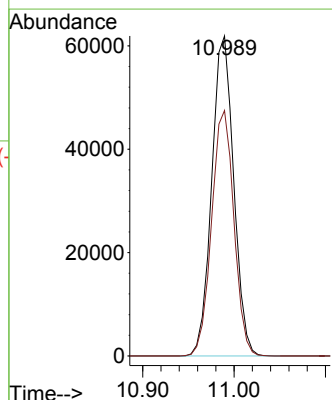
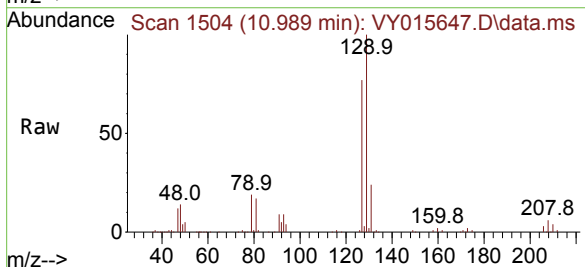
Instrument :
MSVOA_Y
ClientSampleId :

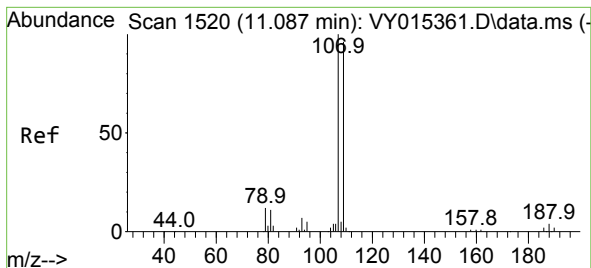
Tgt Ion: 43 Resp: 438857
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 48.153 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion:129 Resp: 103555
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

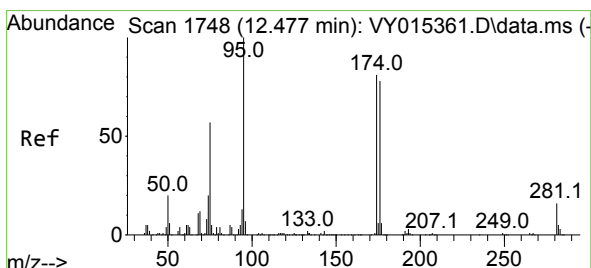
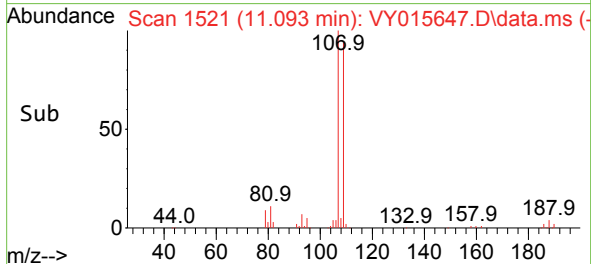
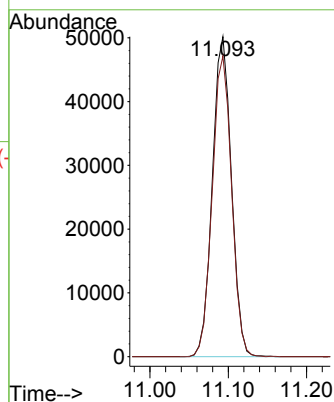
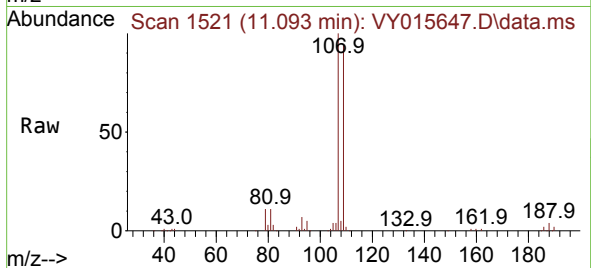




#61
1,2-Dibromoethane
Concen: 47.080 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

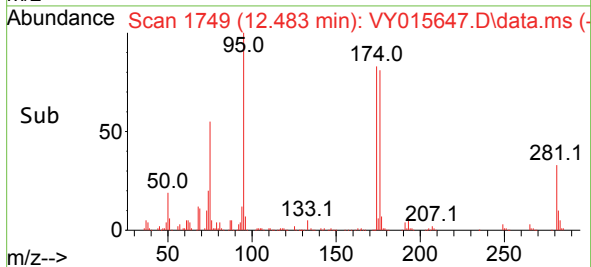
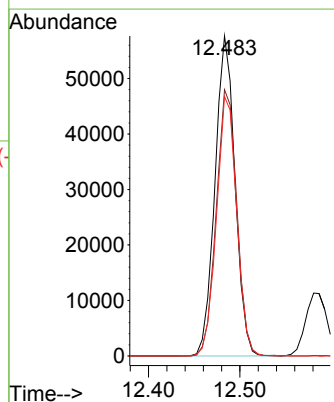
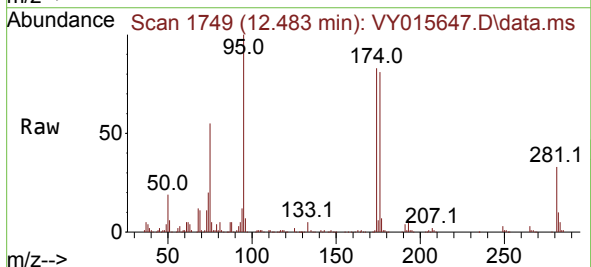
Instrument :
MSVOA_Y
ClientSampleId :

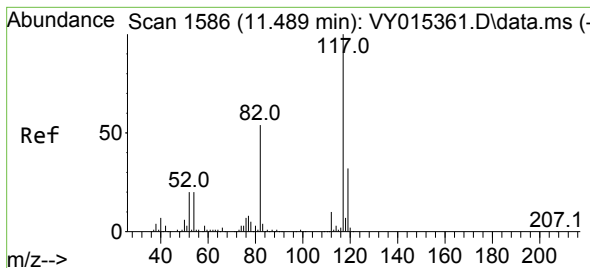
Tgt Ion:107 Resp: 84851
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.191 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 95 Resp: 87740
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

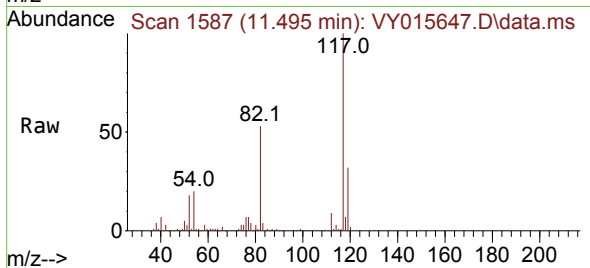
Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :



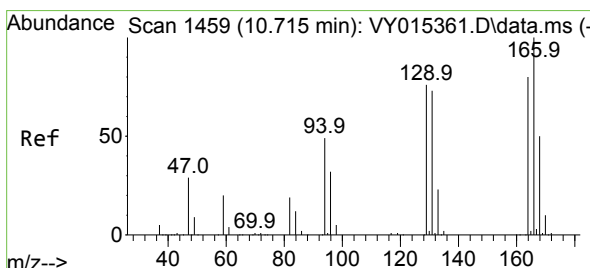
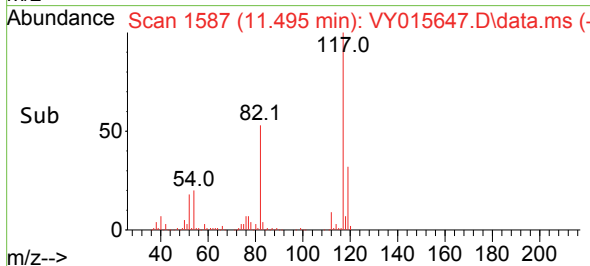
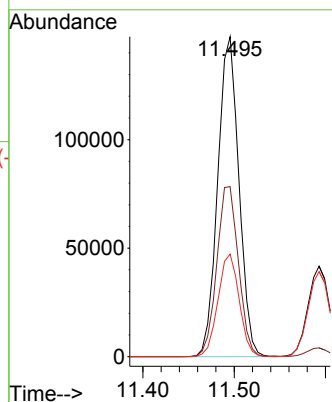
Tgt Ion:117 Resp: 237413

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 48.103 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Tgt Ion:164 Resp: 97983

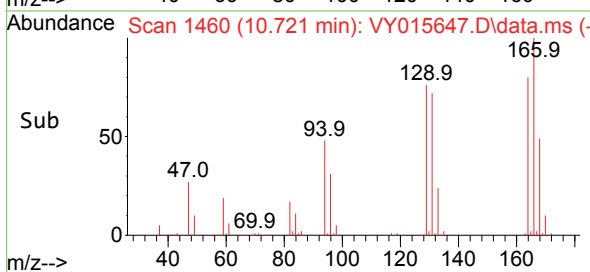
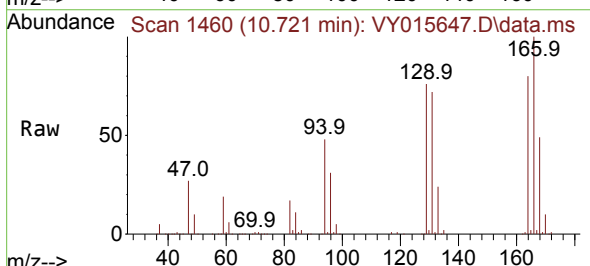
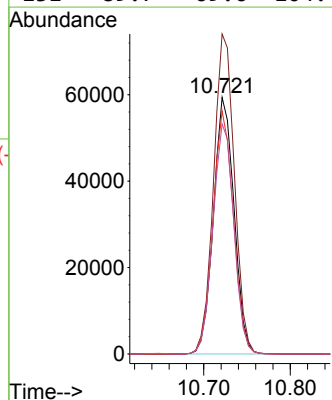
Ion Ratio Lower Upper

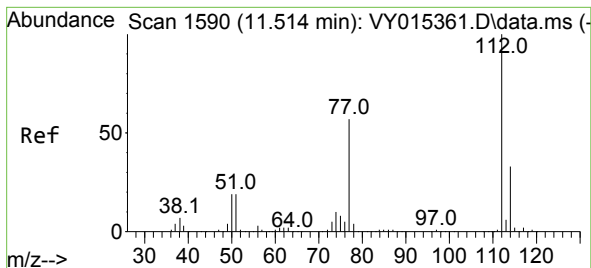
164 100

166 124.8 103.0 154.6

129 94.7 77.2 115.8

131 89.7 69.6 104.4





#65

Chlorobenzene

Concen: 48.914 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

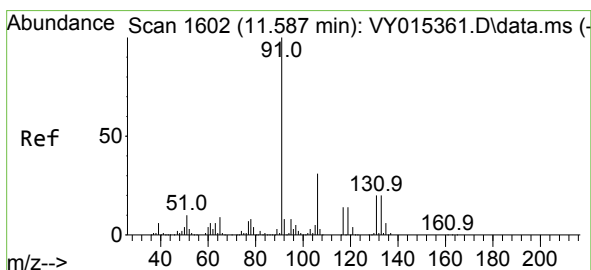
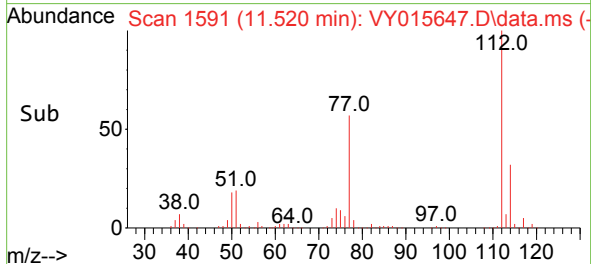
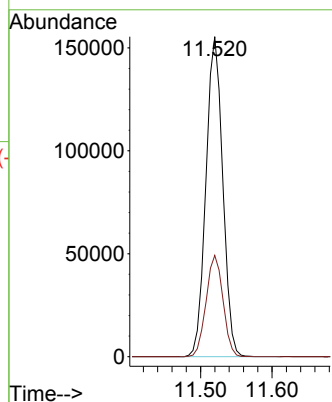
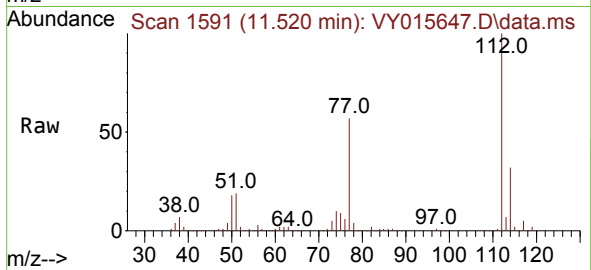
ClientSampleId :

Tgt Ion:112 Resp: 253486

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.018 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

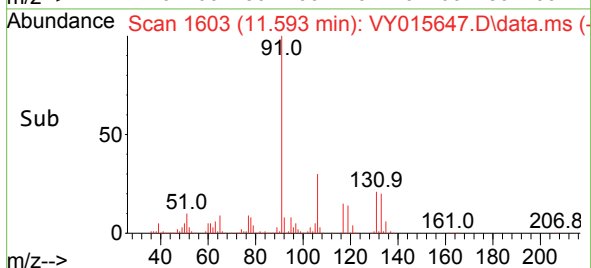
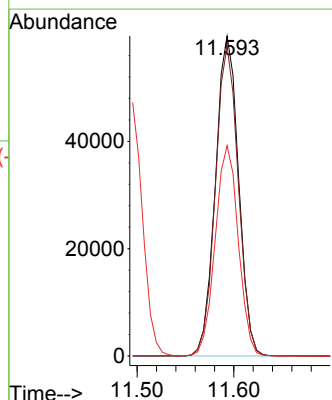
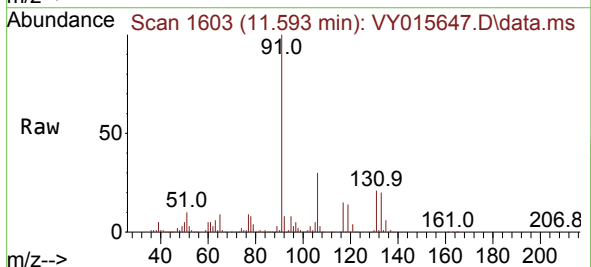
Tgt Ion:131 Resp: 98673

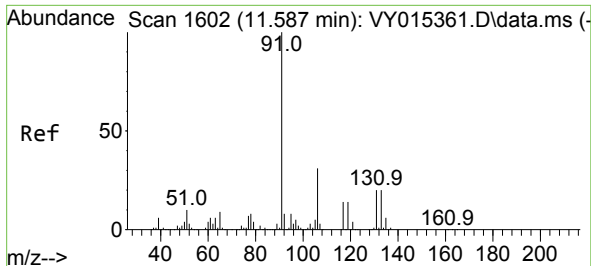
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 65.7 31.6 94.7

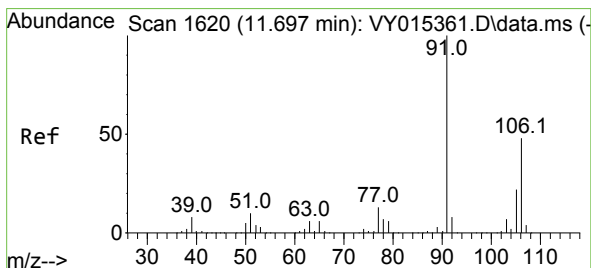
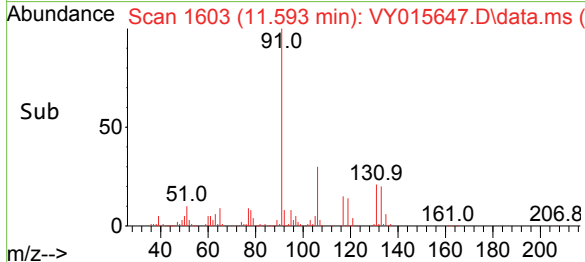
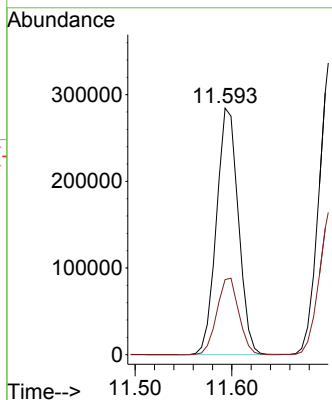
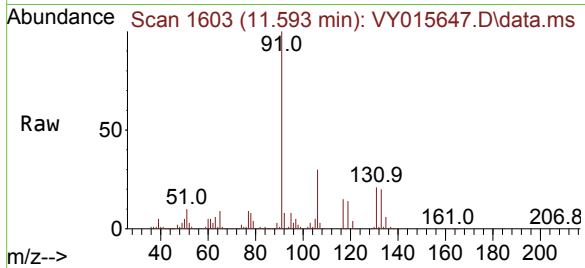




#67
Ethyl Benzene
Concen: 49.338 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

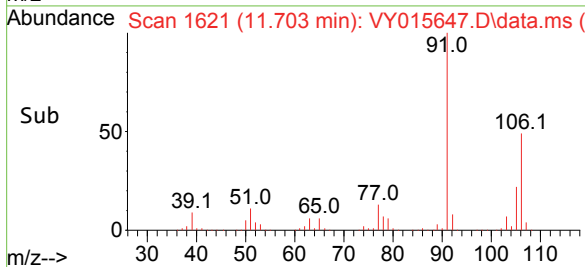
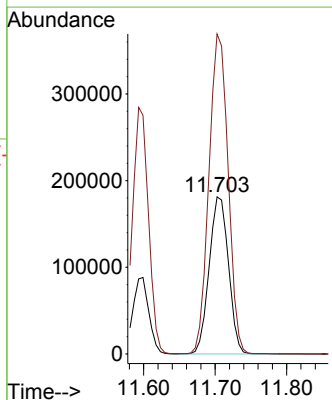
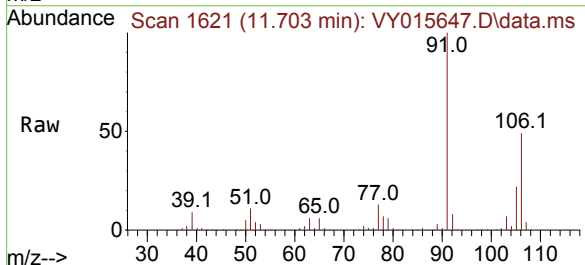
Instrument :
MSVOA_Y
ClientSampleId :

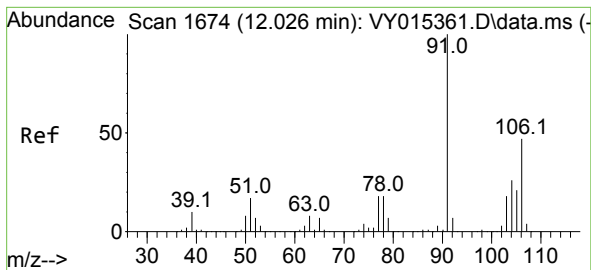
Tgt Ion: 91 Resp: 446899
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 98.792 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion:106 Resp: 340122
Ion Ratio Lower Upper
106 100
91 202.3 166.1 249.1





#69

o-Xylene

Concen: 49.640 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

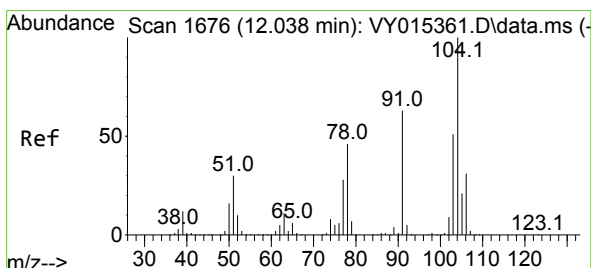
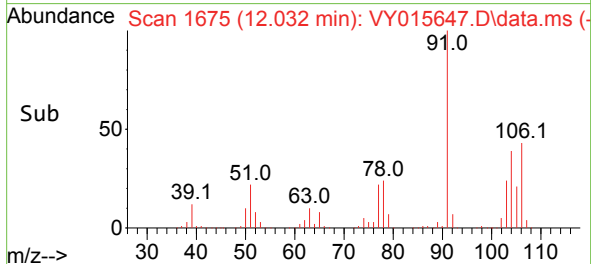
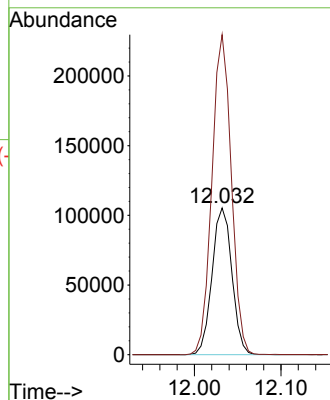
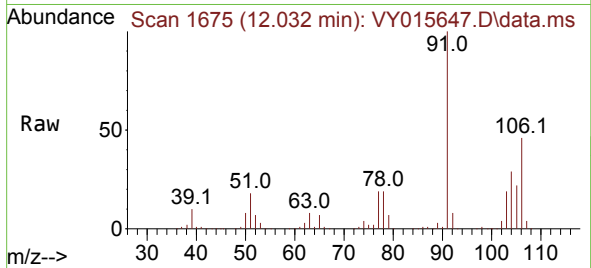
ClientSampleId :

Tgt Ion:106 Resp: 167580

Ion Ratio Lower Upper

106 100

91 213.4 108.1 324.3



#70

Styrene

Concen: 50.177 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

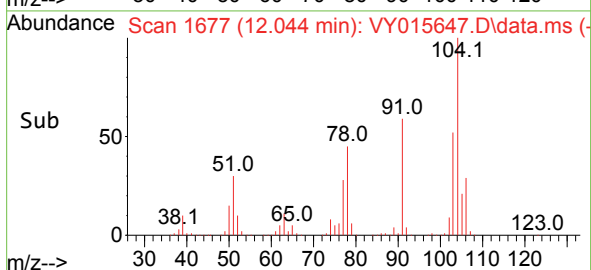
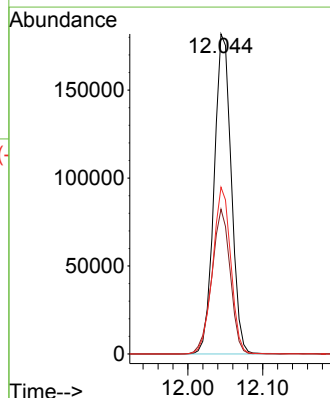
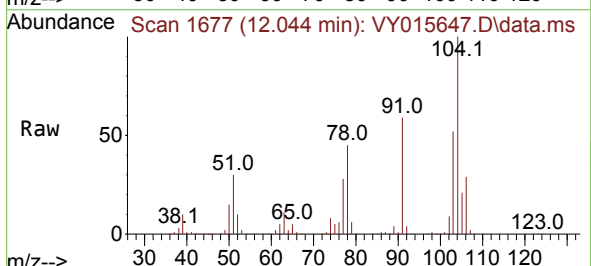
Tgt Ion:104 Resp: 289955

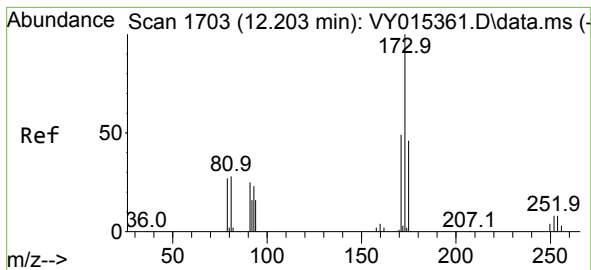
Ion Ratio Lower Upper

104 100

78 48.8 41.5 62.3

103 55.1 44.6 67.0





#71

Bromoform

Concen: 48.975 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

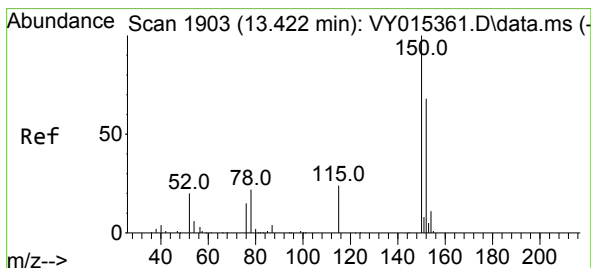
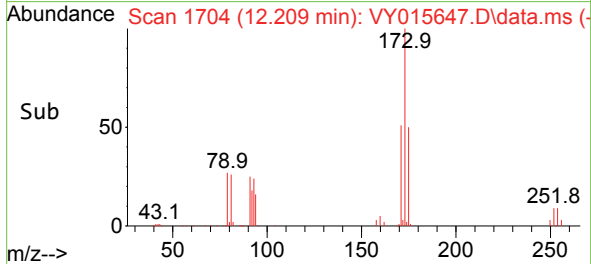
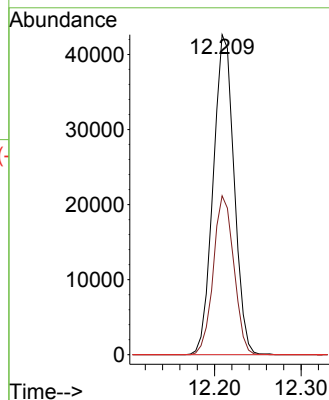
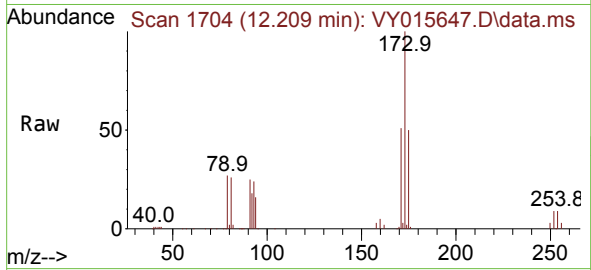
Tgt Ion:173 Resp: 71441

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

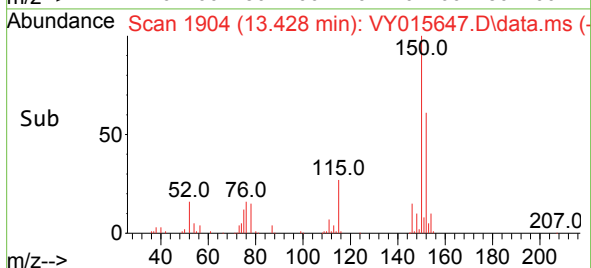
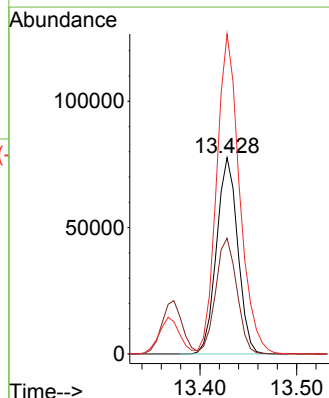
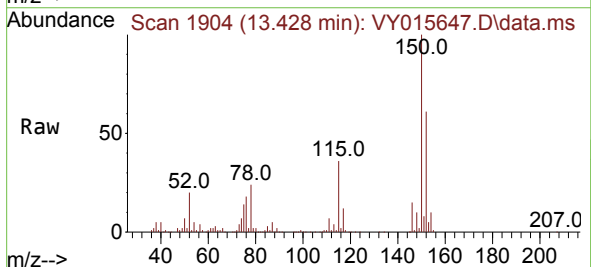
Tgt Ion:152 Resp: 118059

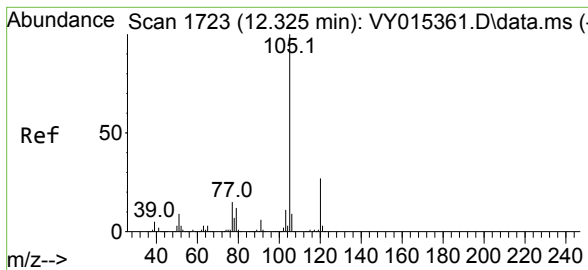
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 176.7 0.0 348.8





#73

Isopropylbenzene

Concen: 50.604 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

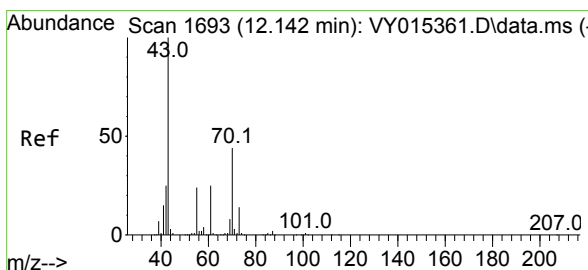
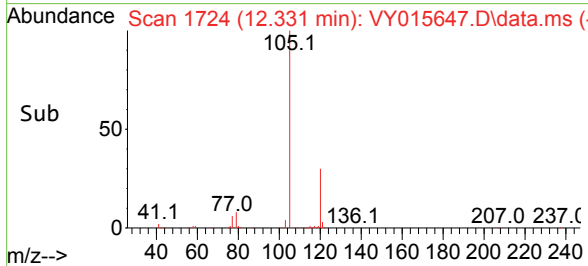
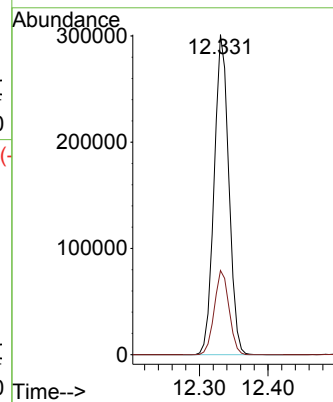
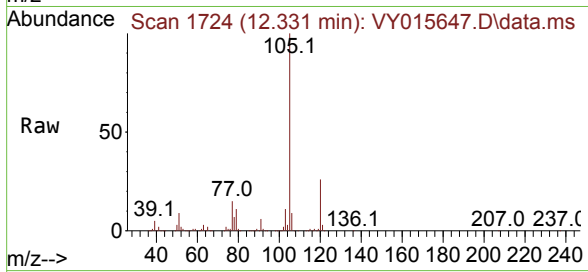
ClientSampleId :

Tgt Ion:105 Resp: 448168

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 48.598 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Tgt Ion: 43 Resp: 161768

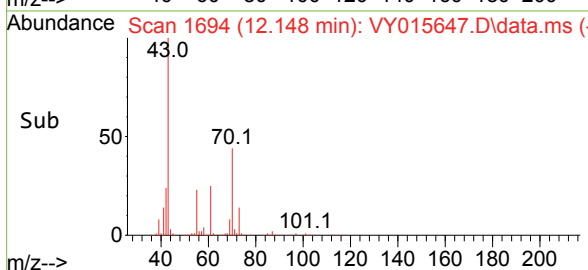
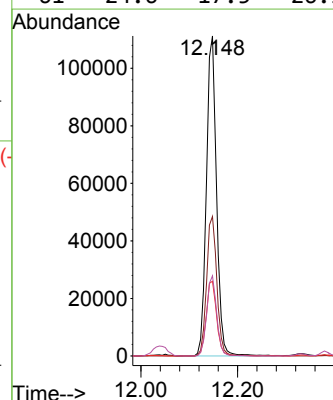
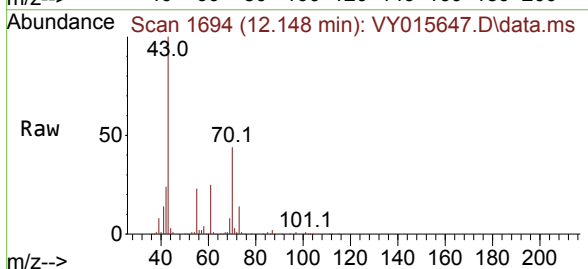
Ion Ratio Lower Upper

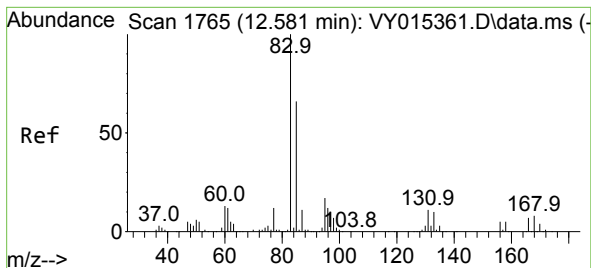
43 100

70 44.3 29.7 44.5

55 24.1 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.499 ug/l

RT: 12.581 min Scan# 117078

Delta R.T. -0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

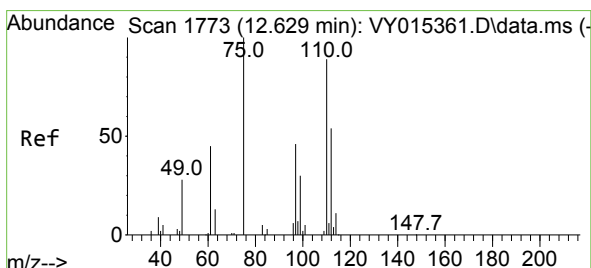
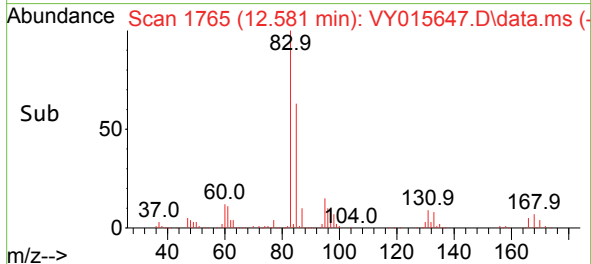
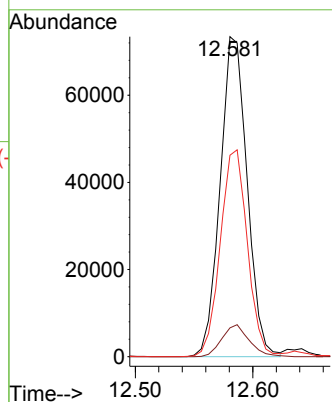
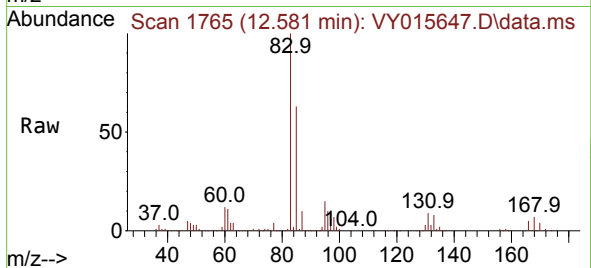
Tgt Ion: 83 Resp: 117078

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 81.716 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015647.D

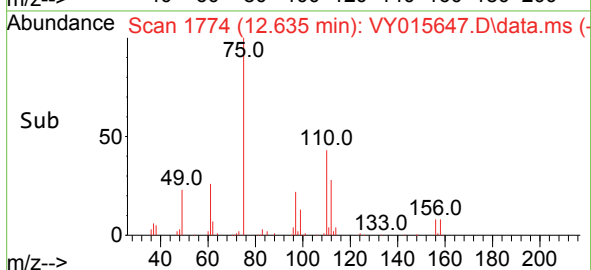
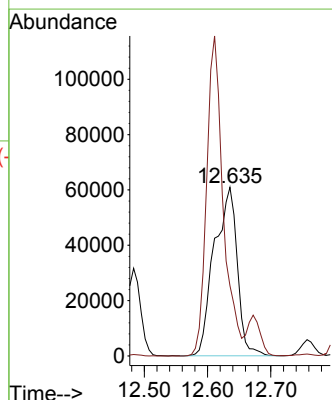
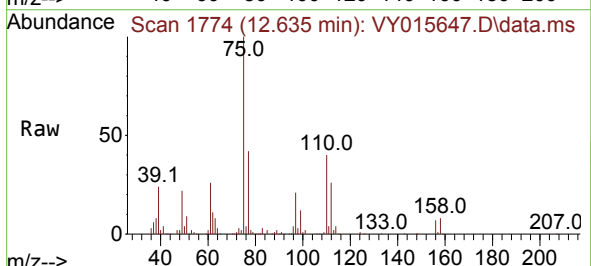
Acq: 20 Sep 2023 09:25

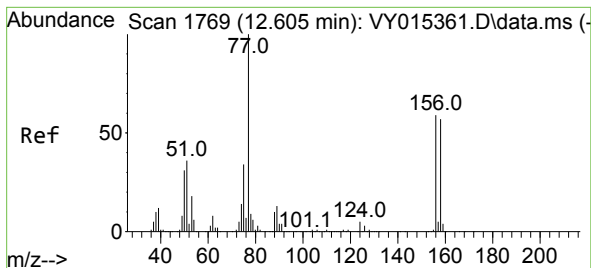
Tgt Ion: 75 Resp: 153907

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.956 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

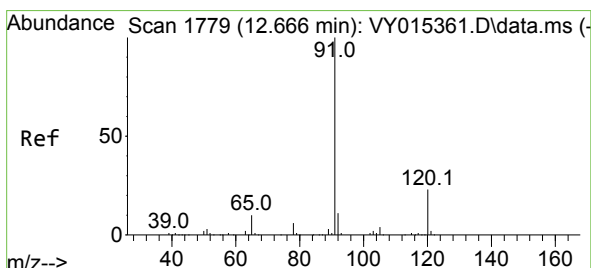
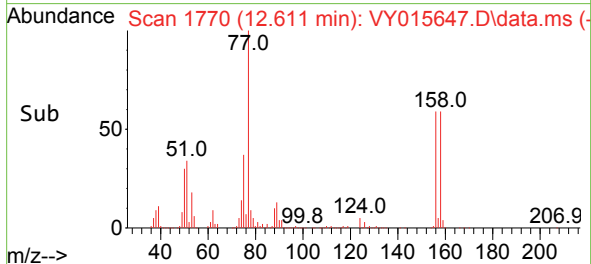
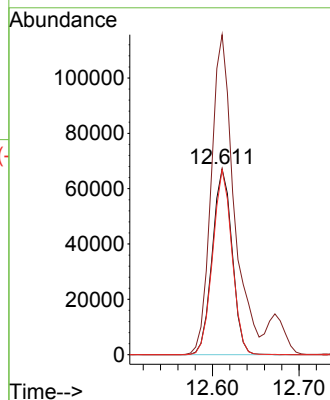
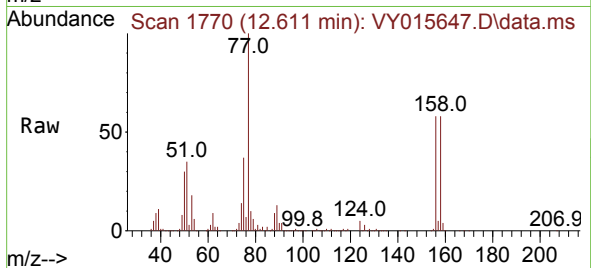
Tgt Ion:156 Resp: 106428

Ion Ratio Lower Upper

156 100

77 198.4 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 50.560 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015647.D

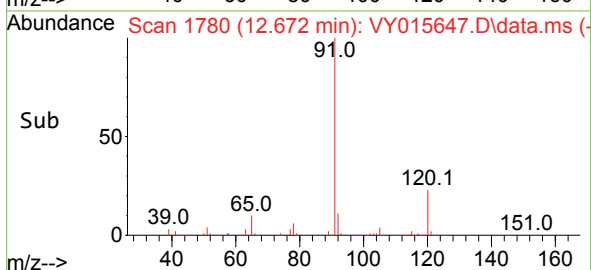
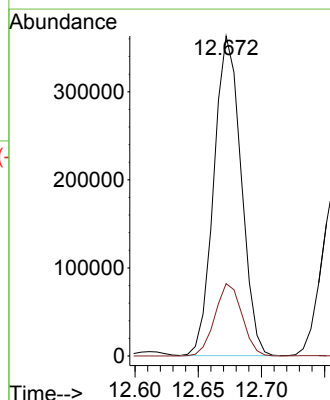
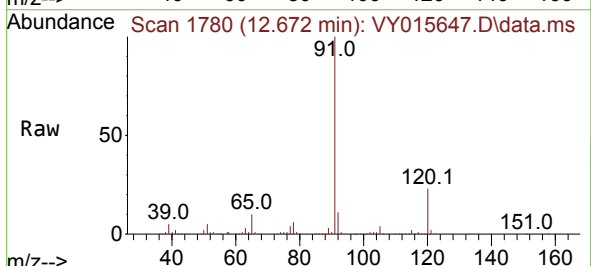
Acq: 20 Sep 2023 09:25

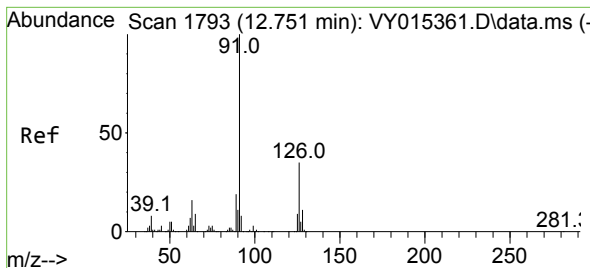
Tgt Ion: 91 Resp: 543994

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

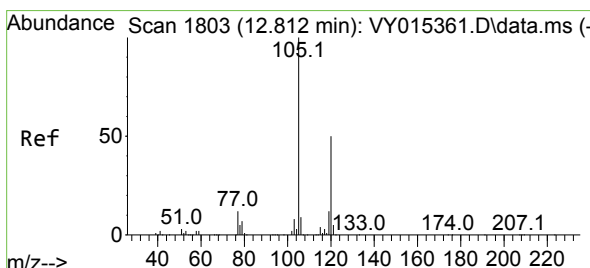
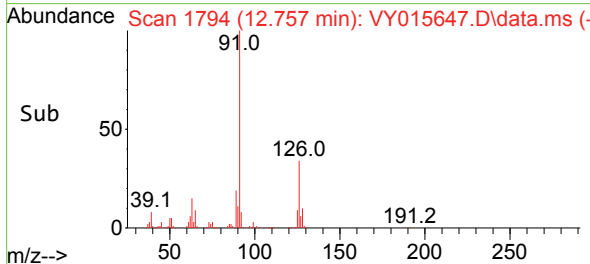
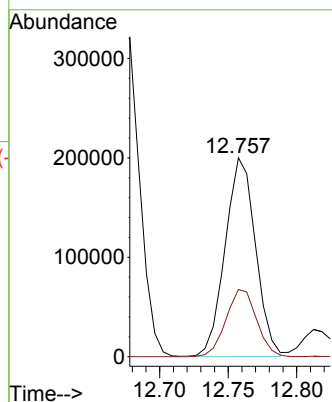
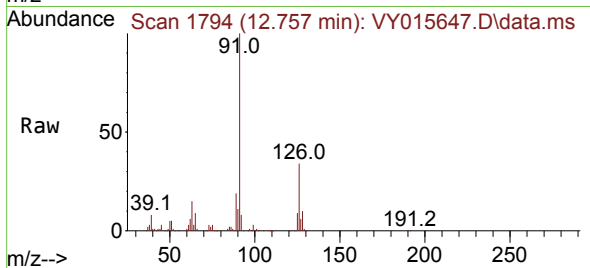




#79
2-Chlorotoluene
Concen: 50.238 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

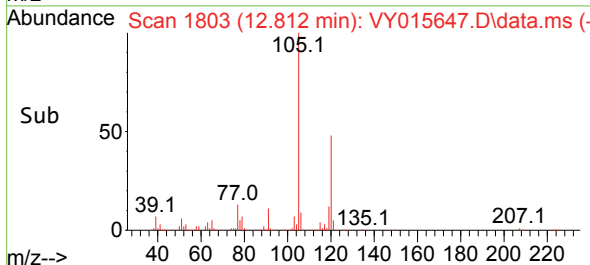
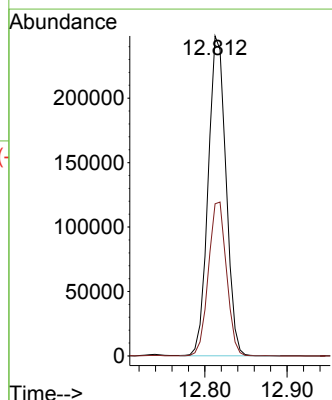
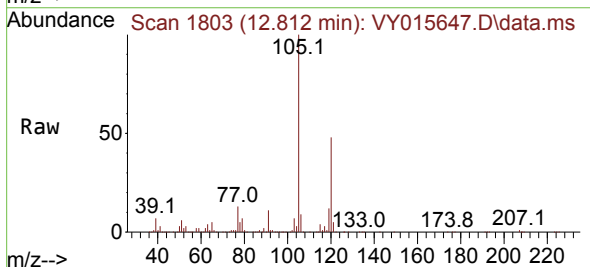
Instrument :
MSVOA_Y
ClientSampleId :

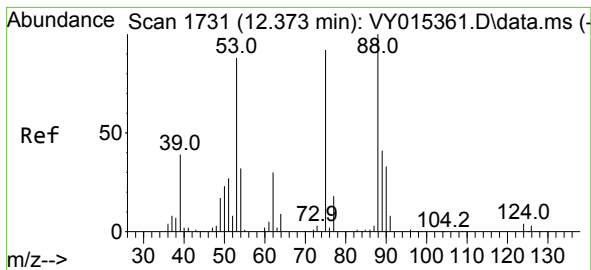
Tgt Ion: 91 Resp: 308109
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.333 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion:105 Resp: 373189
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

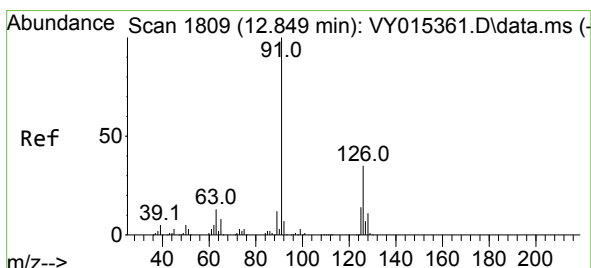
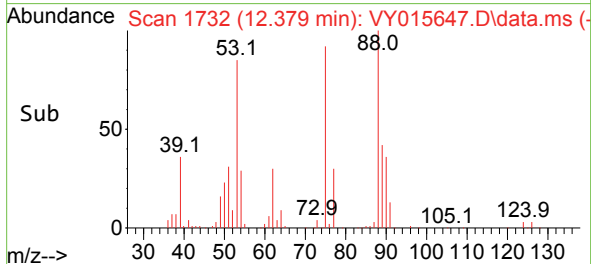
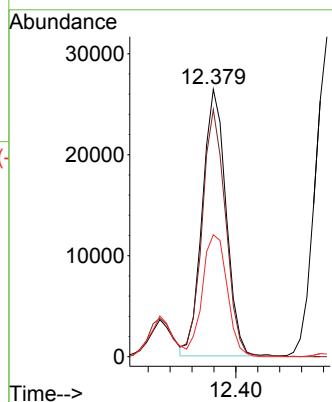
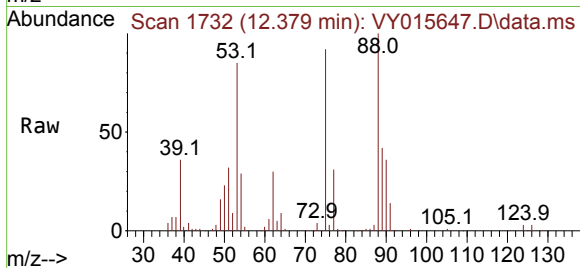




#81
trans-1,4-Dichloro-2-butene
Concen: 47.442 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

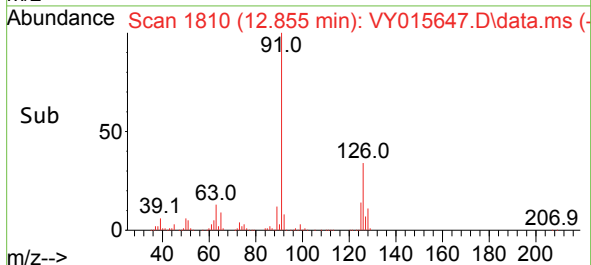
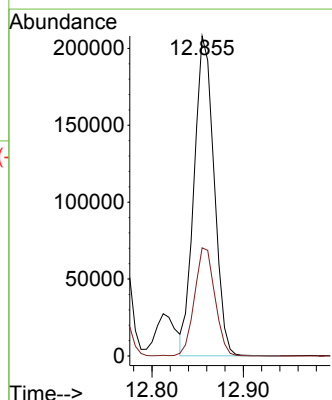
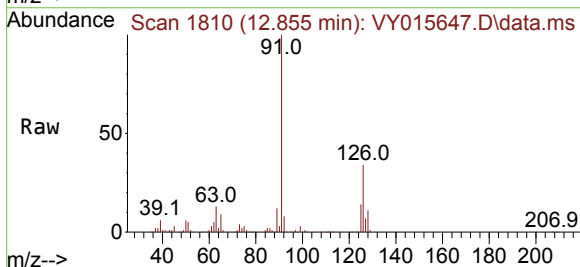
Instrument :
MSVOA_Y
ClientSampleId :

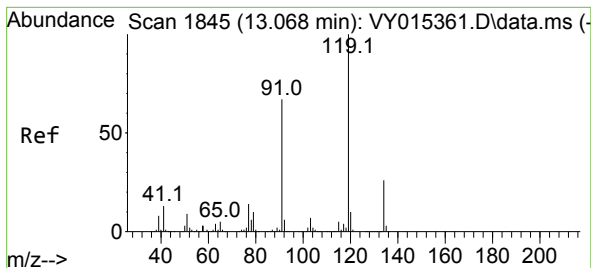
Tgt Ion: 75 Resp: 39679
Ion Ratio Lower Upper
75 100
53 92.3 77.8 116.8
89 47.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.239 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015647.D
Acq: 20 Sep 2023 09:25

Tgt Ion: 91 Resp: 315252
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.917 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

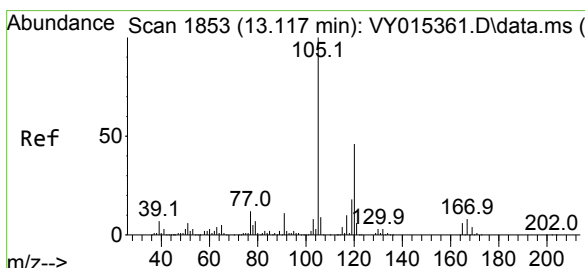
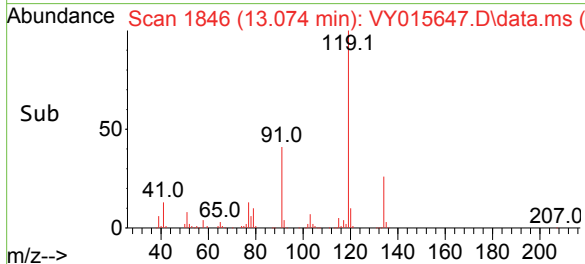
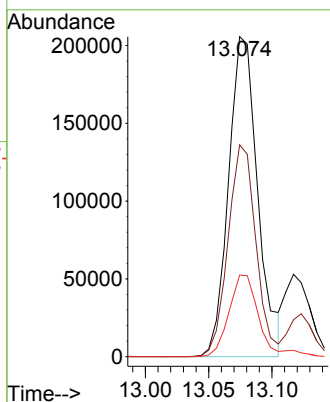
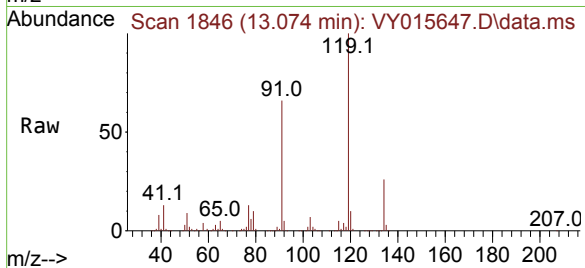
Tgt Ion:119 Resp: 330646

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.268 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015647.D

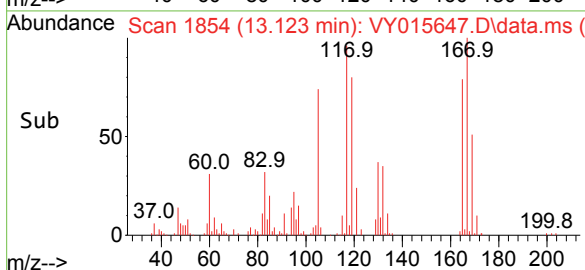
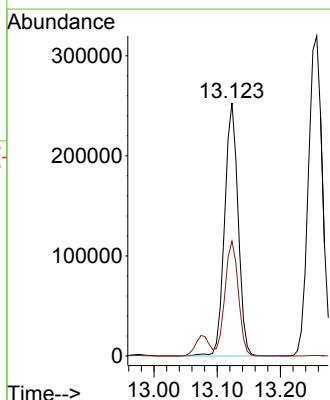
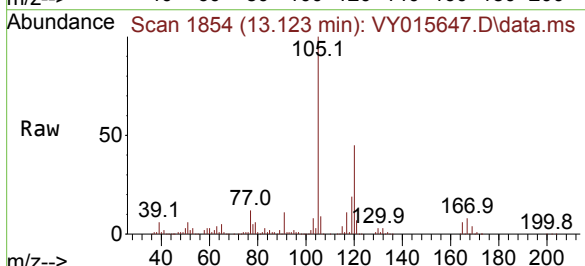
Acq: 20 Sep 2023 09:25

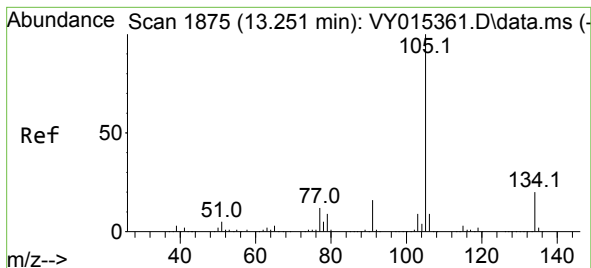
Tgt Ion:105 Resp: 372916

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.293 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

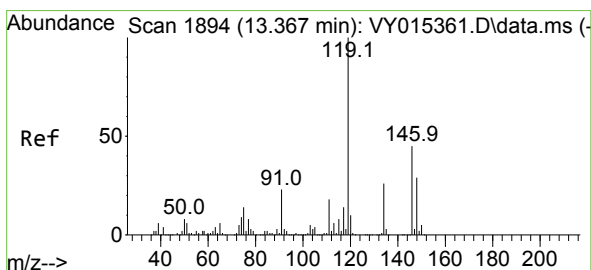
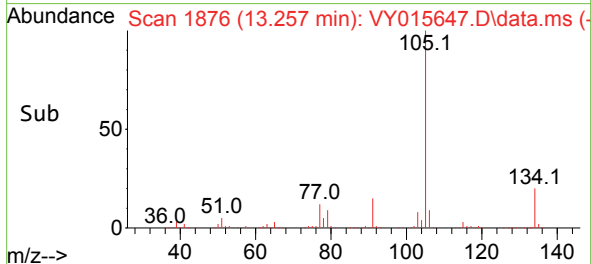
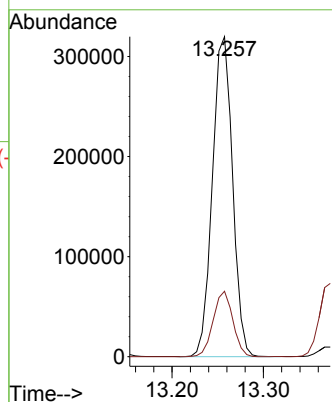
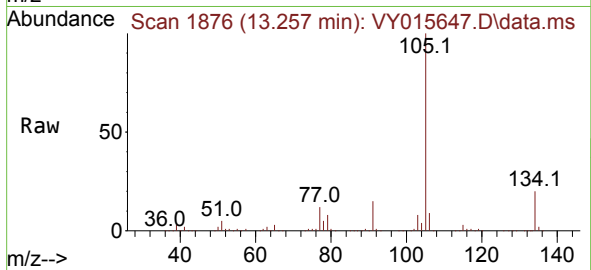
ClientSampleId :

Tgt Ion:105 Resp: 488755

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.300 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

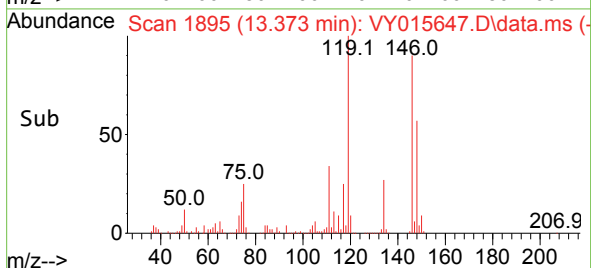
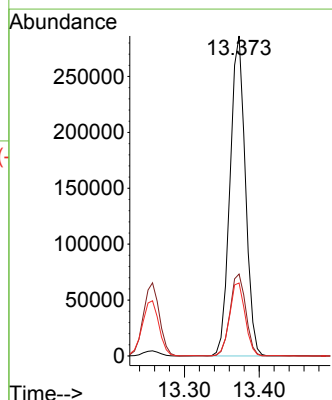
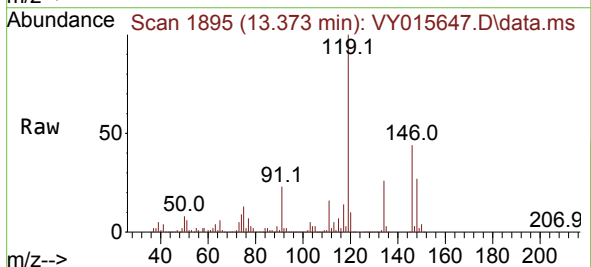
Tgt Ion:119 Resp: 408320

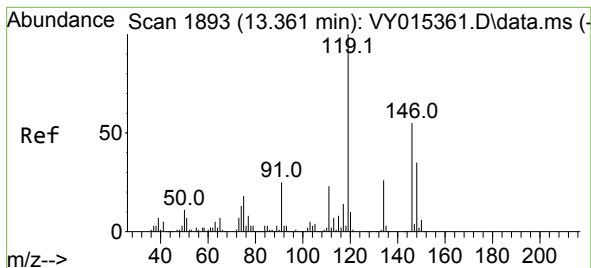
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.955 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

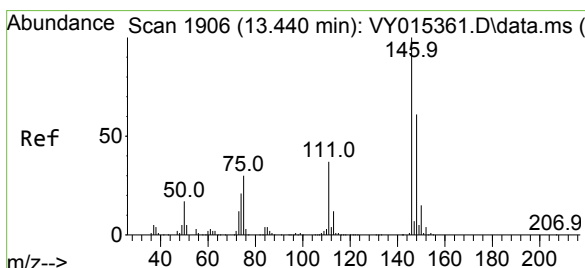
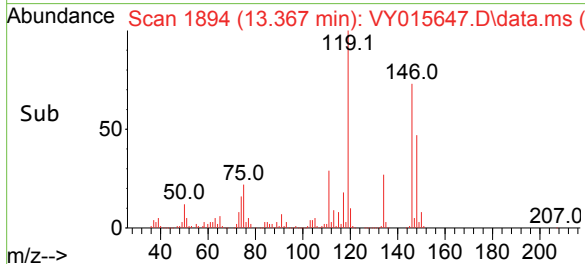
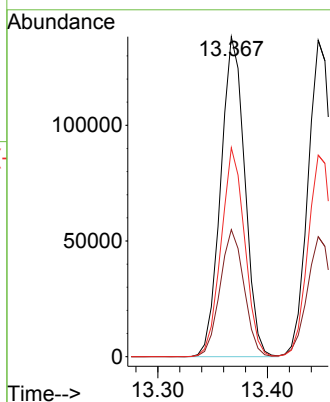
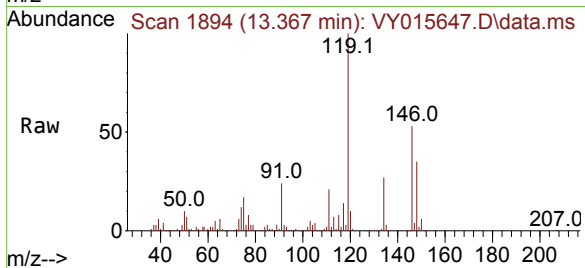
Tgt Ion:146 Resp: 211135

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.708 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

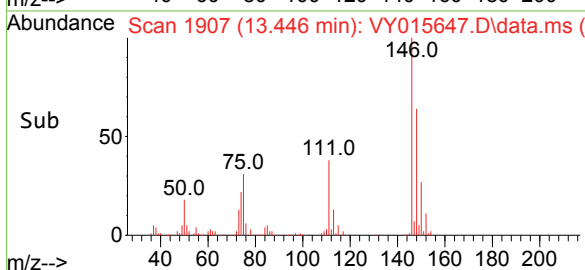
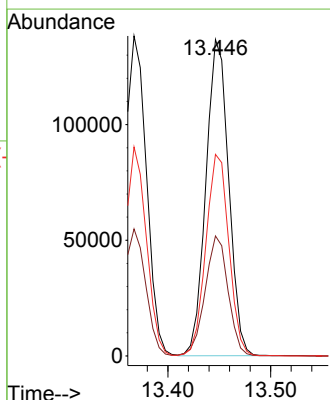
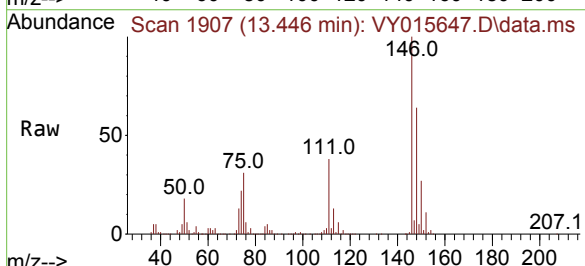
Tgt Ion:146 Resp: 210100

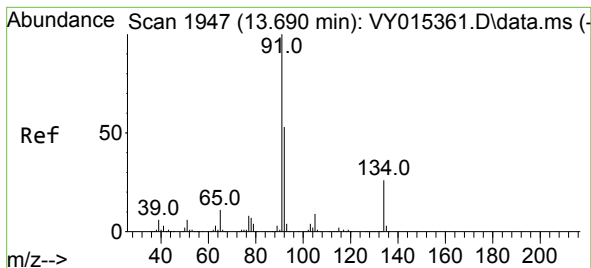
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 49.621 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

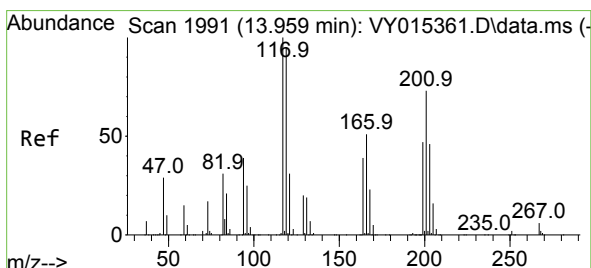
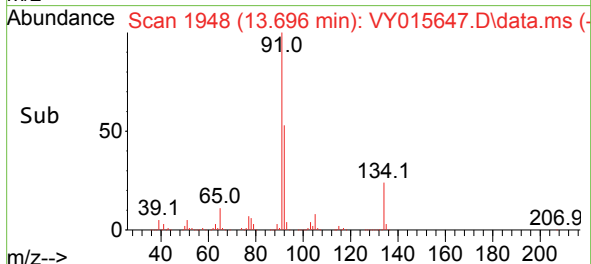
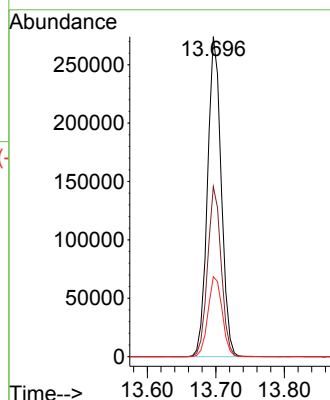
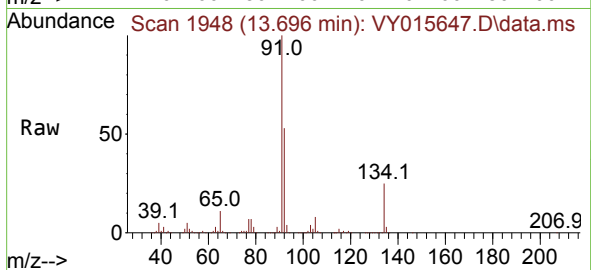
Tgt Ion: 91 Resp: 381435

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 49.841 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015647.D

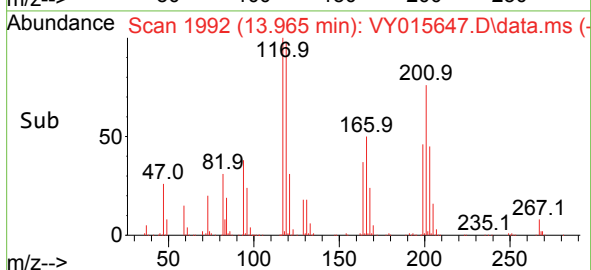
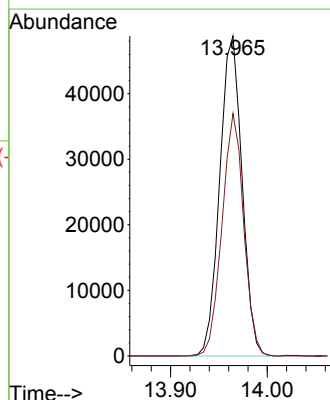
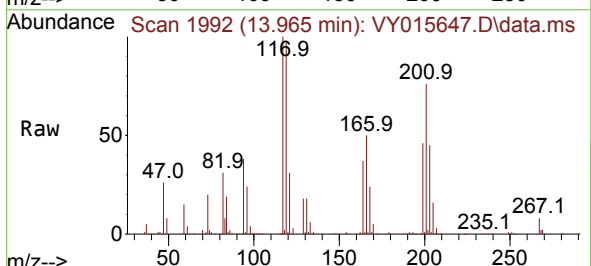
Acq: 20 Sep 2023 09:25

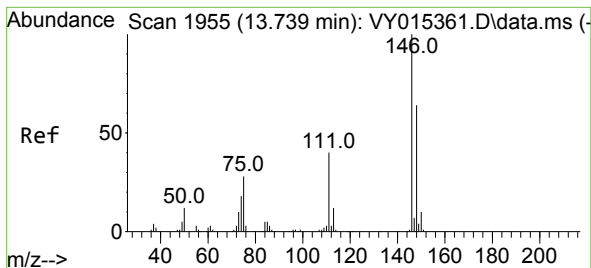
Tgt Ion: 117 Resp: 78086

Ion Ratio Lower Upper

117 100

201 73.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.015 ug/l

RT: 13.739 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

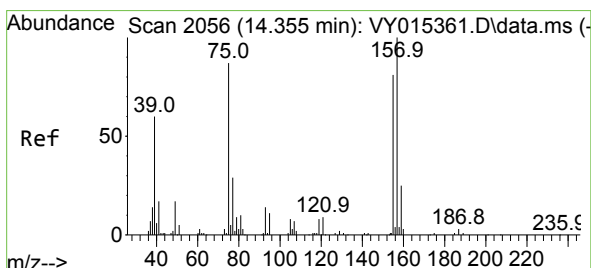
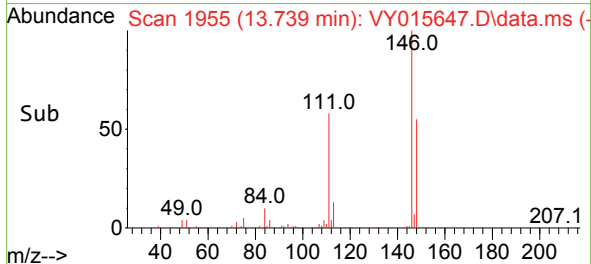
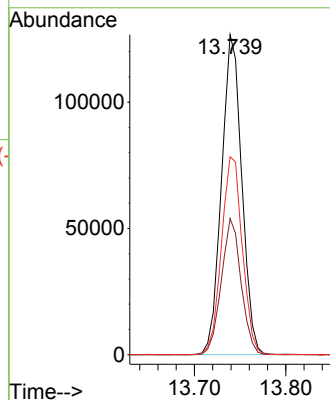
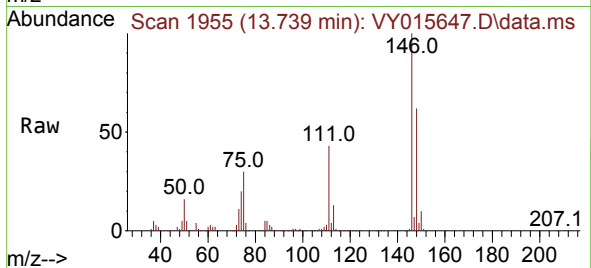
Tgt Ion:146 Resp: 195145

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.038 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

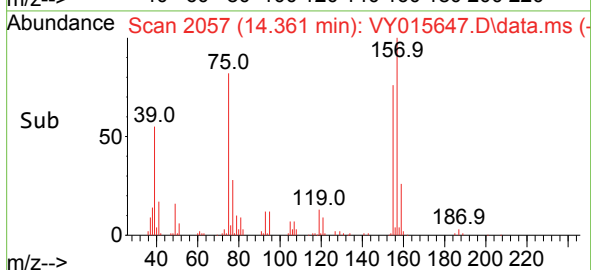
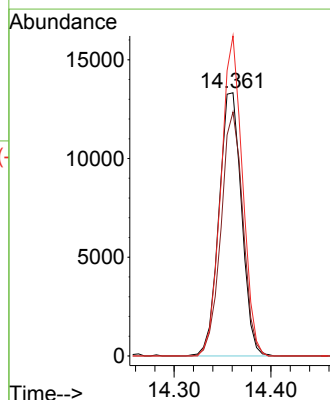
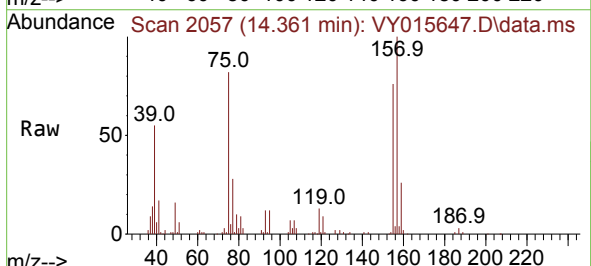
Tgt Ion: 75 Resp: 21558

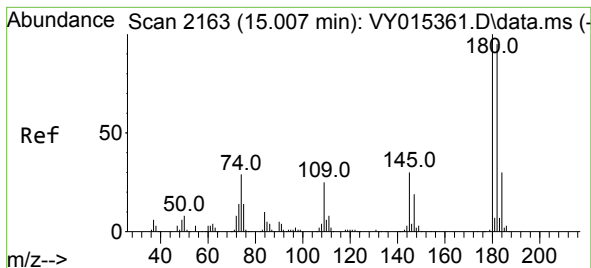
Ion Ratio Lower Upper

75 100

155 89.9 41.5 124.6

157 116.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.635 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :

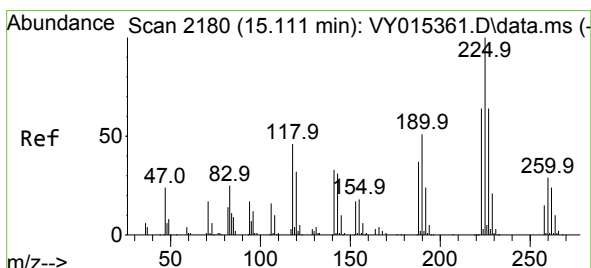
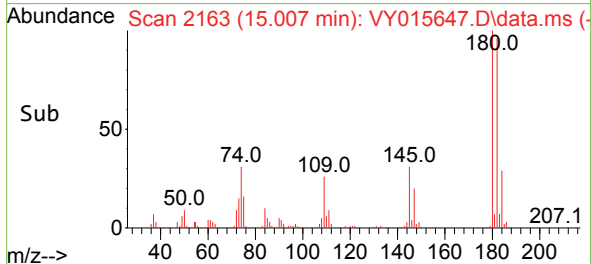
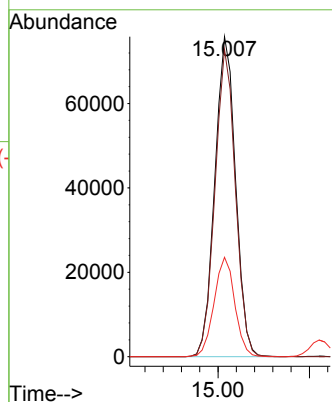
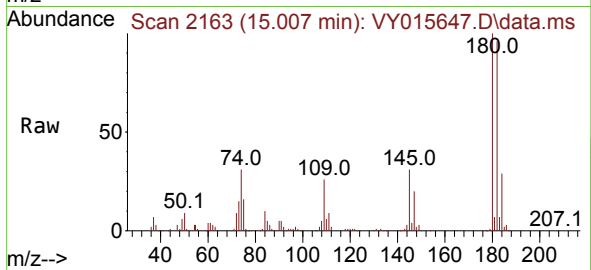
Tgt Ion:180 Resp: 119392

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.010 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

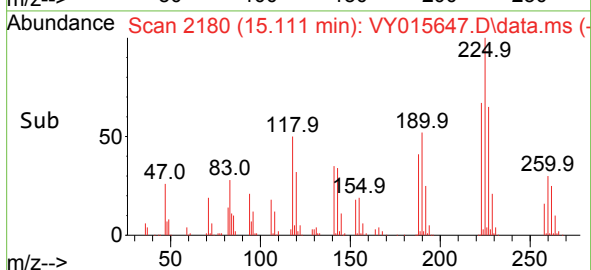
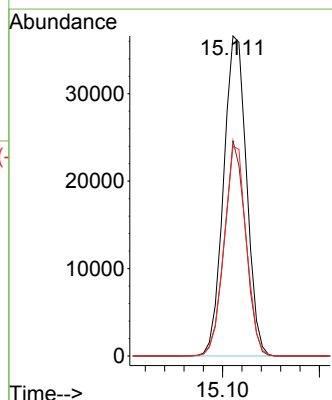
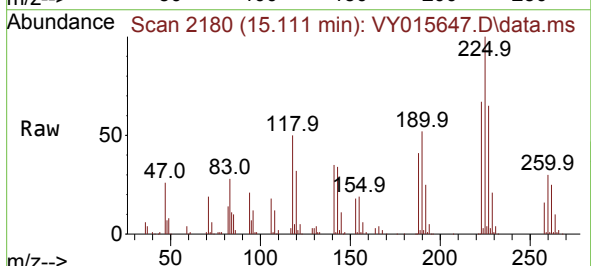
Tgt Ion:225 Resp: 60339

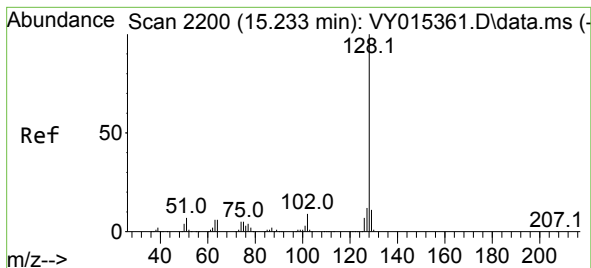
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 47.027 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

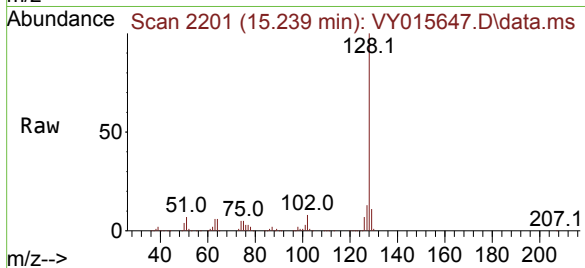
Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Instrument :

MSVOA_Y

ClientSampleId :



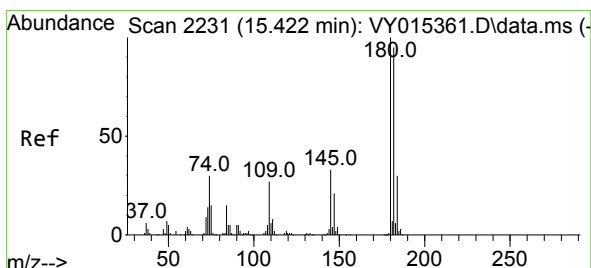
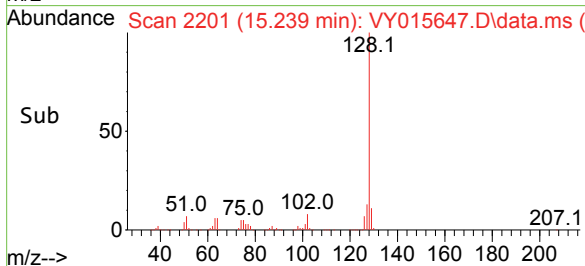
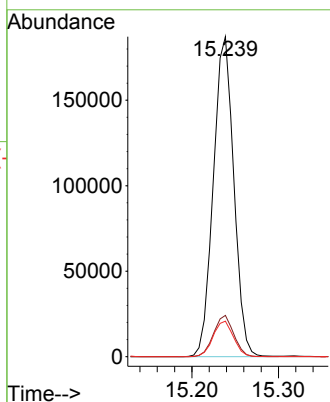
Tgt Ion:128 Resp: 307348

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.377 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015647.D

Acq: 20 Sep 2023 09:25

Tgt Ion:180 Resp: 109600

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 32.4 15.4 46.2

