

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015911.D
 Acq On : 10 Oct 2023 20:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	174068	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	295725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	265544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	131675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	85774	54.764	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.734	113	86466	52.420	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.840%	
50) Toluene-d8	10.191	98	289475	53.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.489	95	111964	50.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	37421	53.747	ug/l	96
3) Chloromethane	2.125	50	42214	59.276	ug/l	99
4) Vinyl Chloride	2.259	62	52973	58.322	ug/l	95
5) Bromomethane	2.662	94	43529	58.446	ug/l	100
6) Chloroethane	2.808	64	41220	57.794	ug/l	97
7) Trichlorofluoromethane	3.137	101	104685	54.317	ug/l	99
8) Diethyl Ether	3.546	74	46544	57.084	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.917	101	70749	54.091	ug/l	94
10) Methyl Iodide	4.113	142	69896	53.021	ug/l	97
11) Tert butyl alcohol	4.978	59	57920	155.334	ug/l #	81
12) 1,1-Dichloroethene	3.893	96	58054	57.703	ug/l	90
13) Acrolein	3.747	56	21645	226.107	ug/l	98
14) Allyl chloride	4.497	41	106322	57.318	ug/l	91
15) Acrylonitrile	5.185	53	154013	274.688	ug/l	97
16) Acetone	3.966	43	113110	158.768	ug/l #	87
17) Carbon Disulfide	4.216	76	83658	55.321	ug/l	100
18) Methyl Acetate	4.497	43	127599	60.094	ug/l	92
19) Methyl tert-butyl Ether	5.246	73	255380	56.015	ug/l	98
20) Methylene Chloride	4.740	84	100069	64.151	ug/l	90
21) trans-1,2-Dichloroethene	5.246	96	67342	57.684	ug/l	97
22) Diisopropyl ether	6.143	45	283119	57.063	ug/l	90
23) Vinyl Acetate	6.082	43	733947	269.016	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	152815	55.914	ug/l	97
25) 2-Butanone	7.002	43	197839	230.262	ug/l	94
26) 2,2-Dichloropropane	7.002	77	125677	49.446	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	97430	56.545	ug/l	93
28) Bromochloromethane	7.350	49	85480	54.267	ug/l	93
29) Tetrahydrofuran	7.368	42	129777	276.108	ug/l	92
30) Chloroform	7.527	83	171936	56.401	ug/l	97
31) Cyclohexane	7.801	56	87037	51.886	ug/l	92
32) 1,1,1-Trichloroethane	7.722	97	136840	54.965	ug/l	97
36) 1,1-Dichloropropene	7.935	75	101012	55.294	ug/l	100
37) Ethyl Acetate	7.094	43	84735	54.008	ug/l #	96
38) Carbon Tetrachloride	7.917	117	116409	53.059	ug/l	98
39) Methylcyclohexane	9.197	83	101506	54.702	ug/l	93
40) Benzene	8.179	78	321113	55.932	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	118256	121.179	ug/l #	17
42) 1,2-Dichloroethane	8.252	62	108200	55.288	ug/l	93
43) Isopropyl Acetate	8.289	43	156061	53.736	ug/l #	94
44) Trichloroethene	8.953	130	91795	55.256	ug/l	98
45) 1,2-Dichloropropane	9.227	63	94096	54.490	ug/l	98
46) Dibromomethane	9.319	93	56812	55.285	ug/l	96
47) Bromodichloromethane	9.508	83	138527	54.202	ug/l	98
48) Methyl methacrylate	9.307	41	72003	56.139	ug/l	88
49) 1,4-Dioxane	9.307	88	19352	1083.322	ug/l #	62
51) 4-Methyl-2-Pentanone	10.081	43	462772	266.333	ug/l	92
52) Toluene	10.252	92	209470	54.966	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	140808	54.498	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	150237	53.530	ug/l	89
55) 1,1,2-Trichloroethane	10.654	97	88183	53.892	ug/l	95
56) Ethyl methacrylate	10.520	69	121042	54.488	ug/l #	85
57) 1,3-Dichloropropane	10.800	76	143798	54.508	ug/l	98
59) 2-Hexanone	10.843	43	327490	249.125	ug/l	89
60) Dibromochloromethane	10.995	129	105699	53.884	ug/l	99
61) 1,2-Dibromoethane	11.099	107	81484	54.524	ug/l	100
64) Tetrachloroethene	10.727	164	97759	56.412	ug/l	97
65) Chlorobenzene	11.526	112	249422	53.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	102170	53.968	ug/l	98
67) Ethyl Benzene	11.599	91	427252	53.768	ug/l	100
68) m/p-Xylenes	11.709	106	325114	108.579	ug/l	95
69) o-Xylene	12.038	106	163468	54.564	ug/l	97
70) Styrene	12.050	104	287426	54.989	ug/l	96
71) Bromoform	12.215	173	70291	53.318	ug/l #	99
73) Isopropylbenzene	12.337	105	441390	53.140	ug/l	100
74) N-amyl acetate	12.148	43	138832	53.037	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	111067	51.568	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	141048	91.760	ug/l #	100
77) Bromobenzene	12.617	156	107357	52.711	ug/l	98
78) n-propylbenzene	12.678	91	524829	52.541	ug/l	99
79) 2-Chlorotoluene	12.763	91	301427	52.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	365197	53.345	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.385	75	36010	51.948	ug/l	91
82) 4-Chlorotoluene	12.861	91	311352	52.509	ug/l	100
83) tert-Butylbenzene	13.080	119	330847	51.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	369256	53.562	ug/l	99
85) sec-Butylbenzene	13.257	105	496057	52.942	ug/l	100
86) p-Isopropyltoluene	13.373	119	405465	52.311	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	211488	51.577	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	212977	51.577	ug/l	100
89) n-Butylbenzene	13.702	91	382056	52.087	ug/l	96
90) Hexachloroethane	13.964	117	81633	52.479	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	199527	52.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19948	52.739	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	124253	50.866	ug/l	99
94) Hexachlorobutadiene	15.117	225	66415	50.773	ug/l	98
95) Naphthalene	15.239	128	305876	54.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	112767	51.896	ug/l	99

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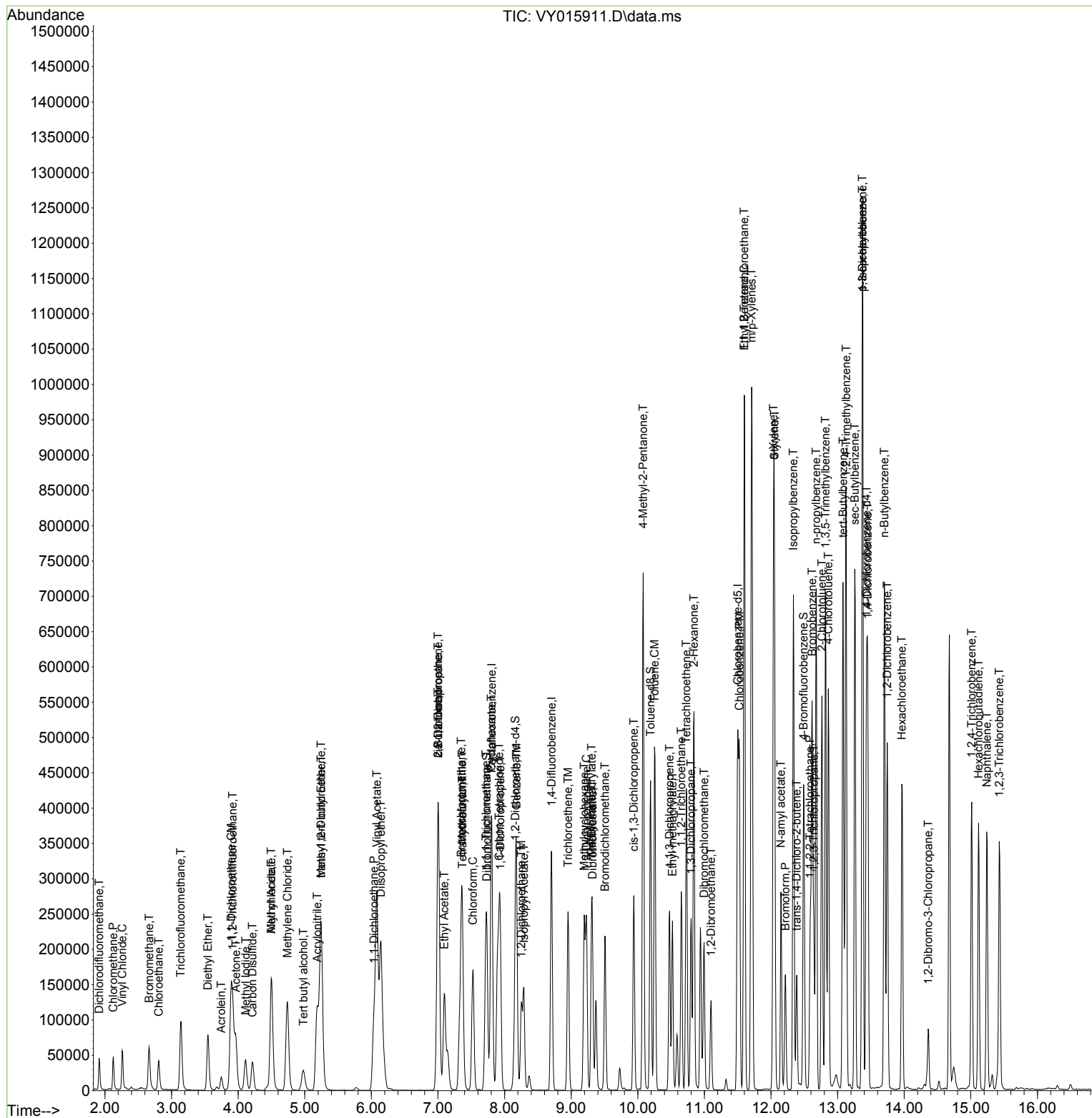
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

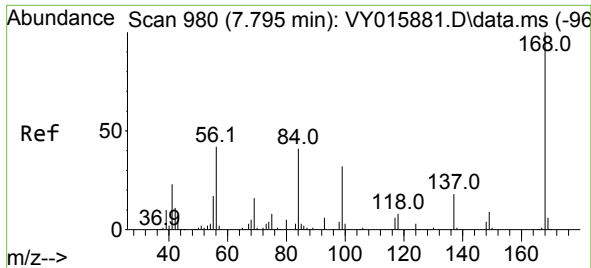
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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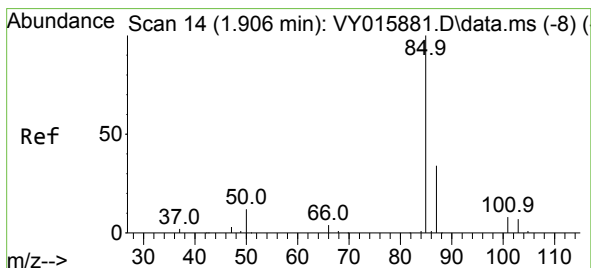
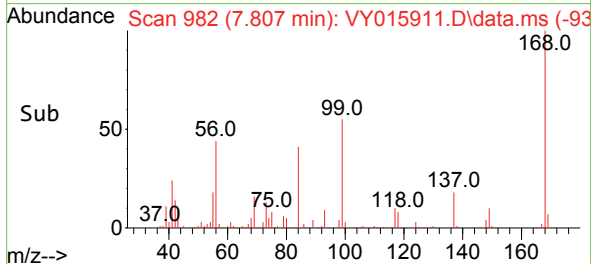
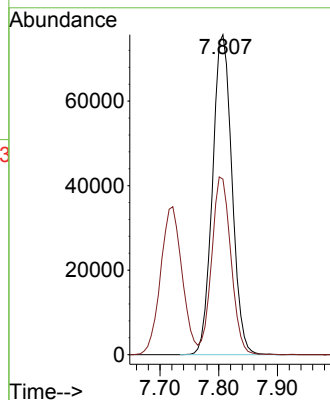
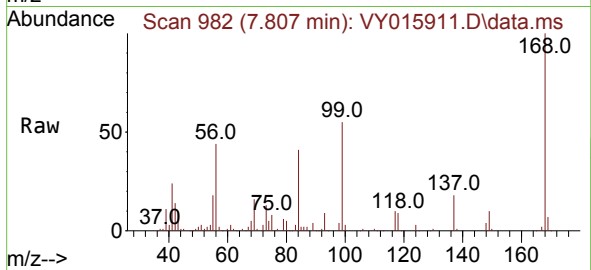




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015911.D
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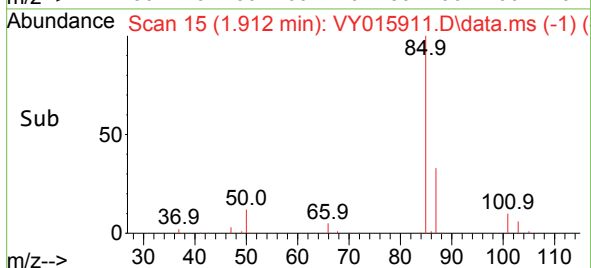
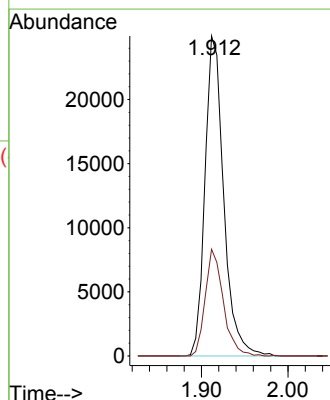
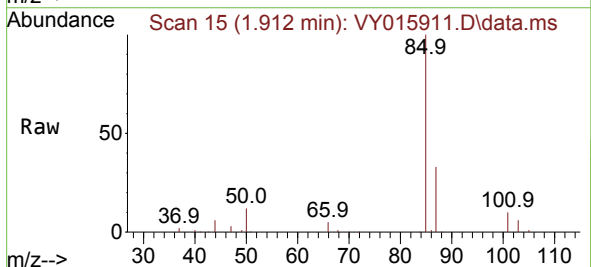
Instrument :
MSVOA_Y
ClientSampleId :

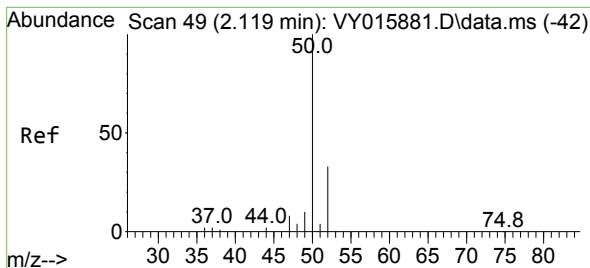
Tgt Ion:168 Resp: 174068
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 53.747 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 85 Resp: 37421
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8





#3

Chloromethane

Concen: 59.276 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

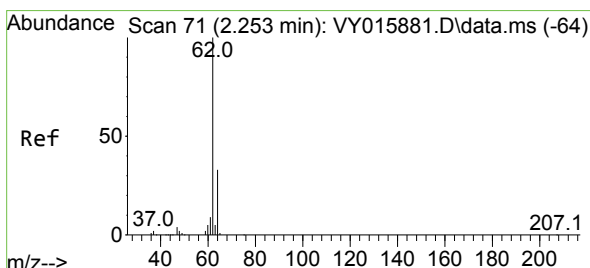
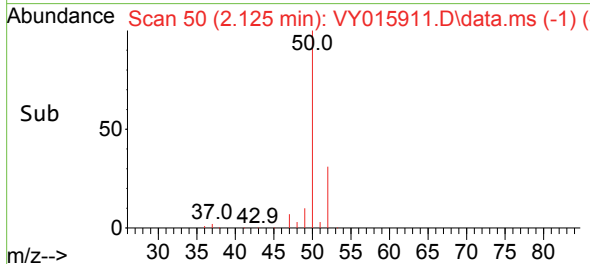
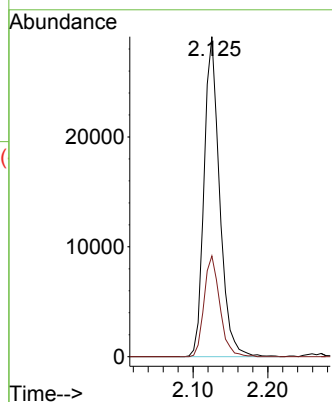
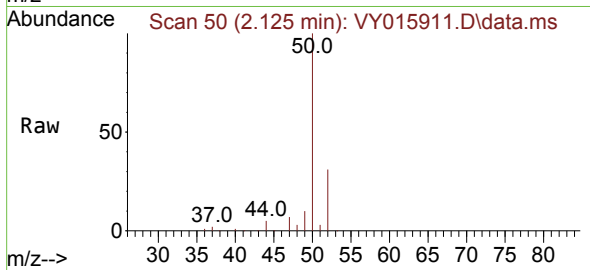
ClientSampleId :

Tgt Ion: 50 Resp: 42214

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 58.322 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY015911.D

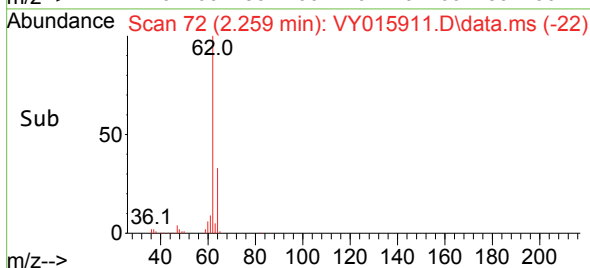
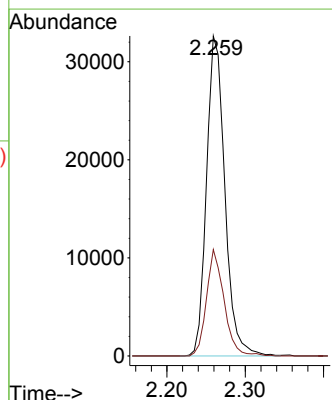
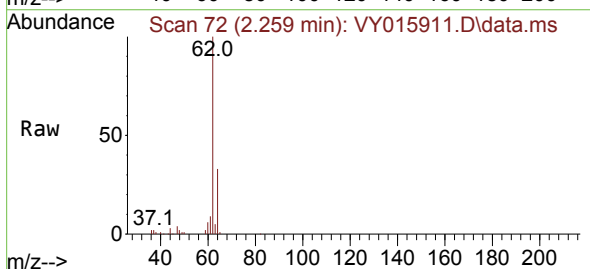
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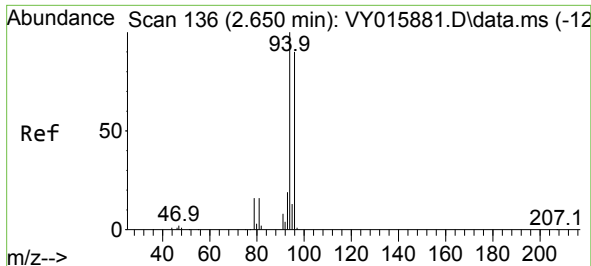
Tgt Ion: 62 Resp: 52973

Ion Ratio Lower Upper

62 100

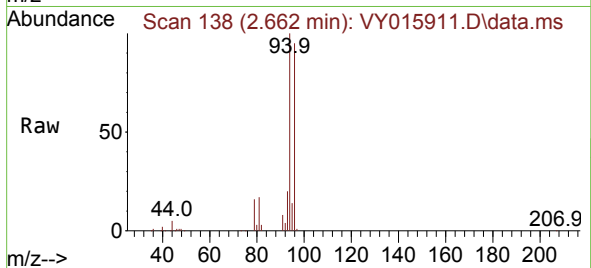
64 33.2 24.3 36.5



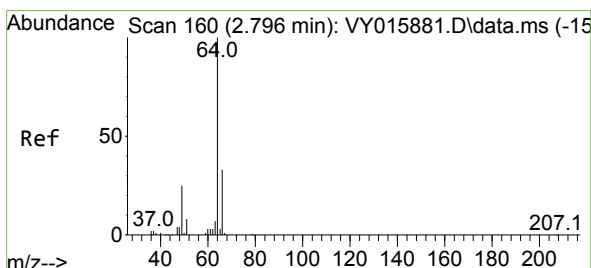
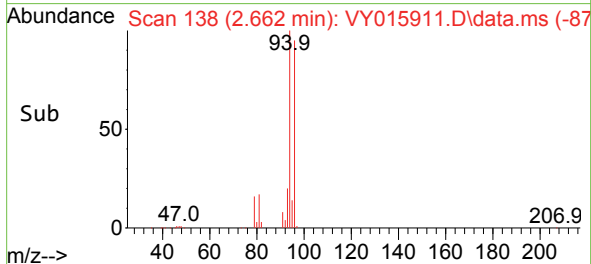
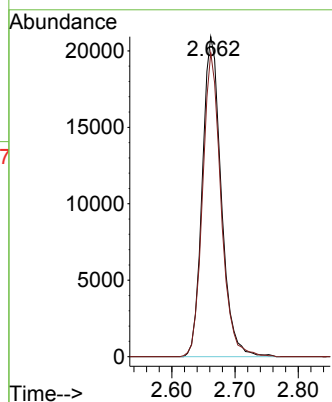


#5
Bromomethane
Concen: 58.446 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

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ClientSampleId :

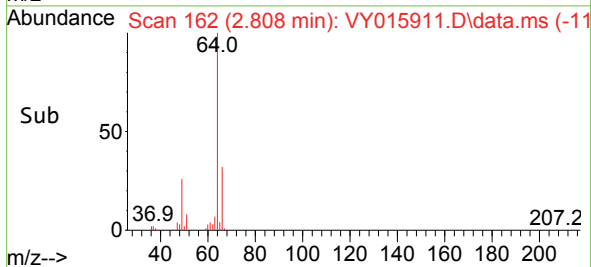
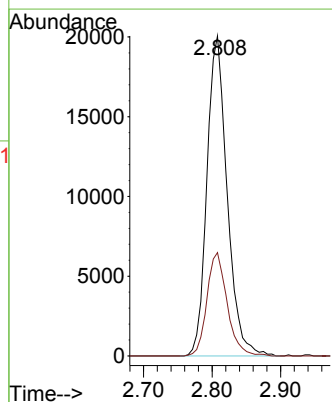
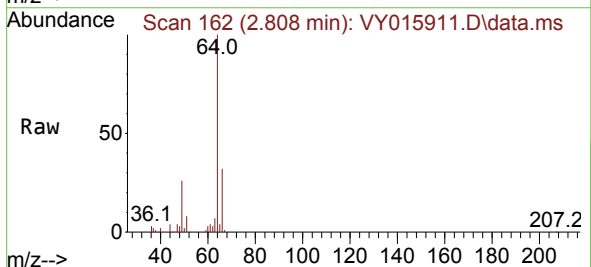


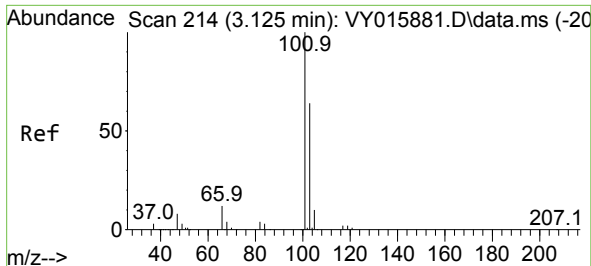
Tgt Ion: 94 Resp: 43529
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 57.794 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 64 Resp: 41220
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

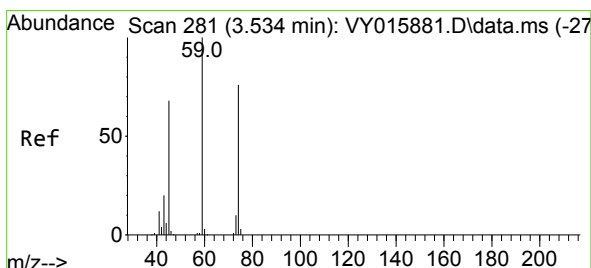
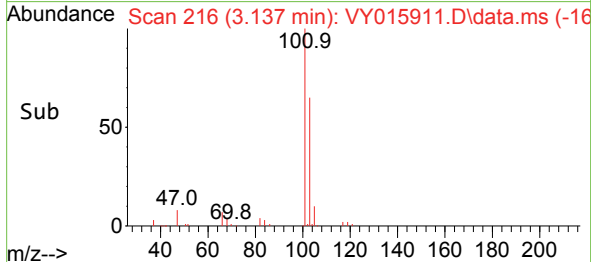
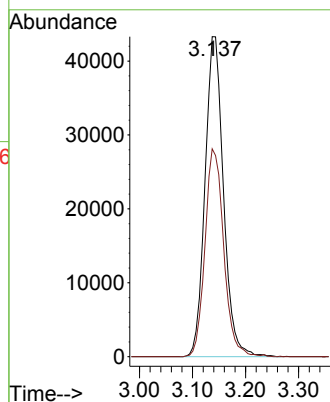
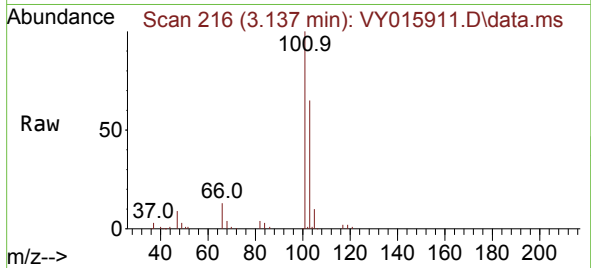




#7
Trichlorofluoromethane
Concen: 54.317 ug/l
RT: 3.137 min Scan# 214
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

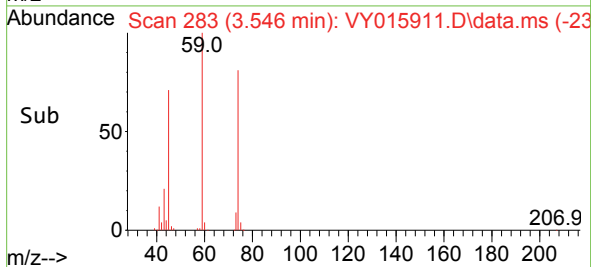
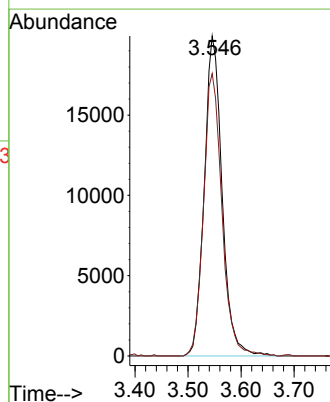
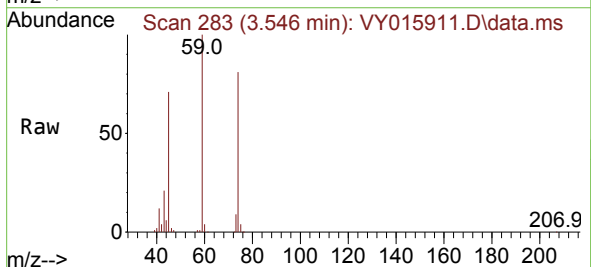
Instrument :
MSVOA_Y
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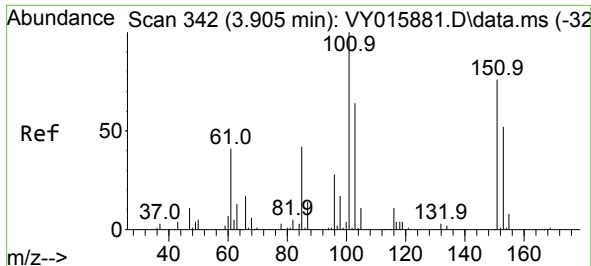
Tgt Ion:101 Resp: 104685
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0



#8
Diethyl Ether
Concen: 57.084 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 74 Resp: 46544
Ion Ratio Lower Upper
74 100
45 91.1 51.5 154.5

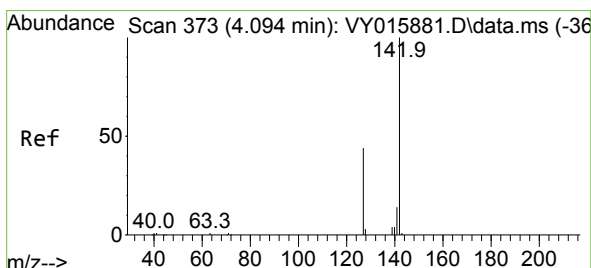
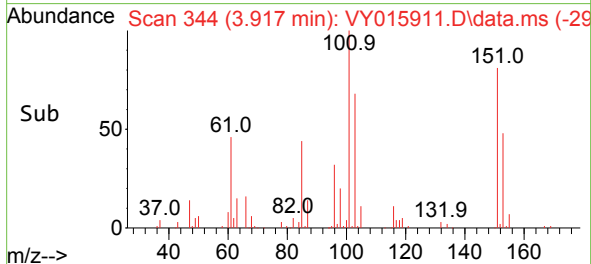
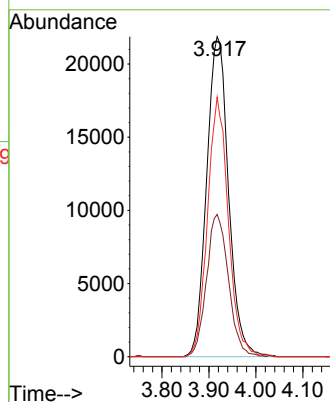
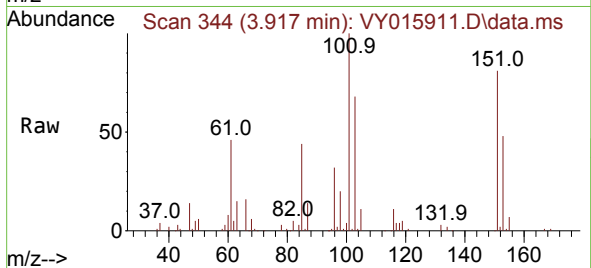




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.091 ug/l
RT: 3.917 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

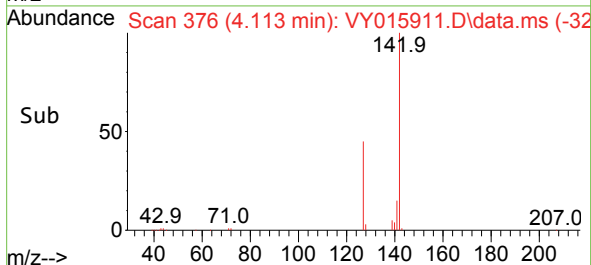
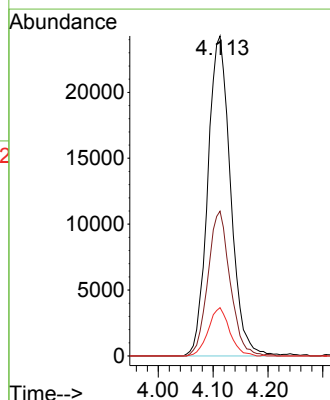
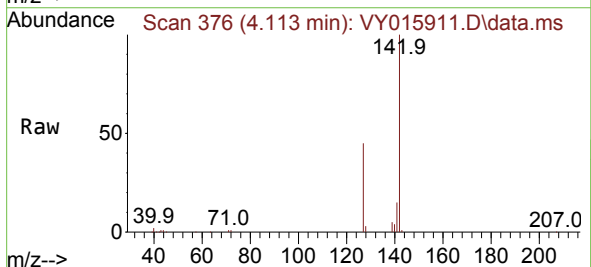
Instrument :
MSVOA_Y
ClientSampleId :

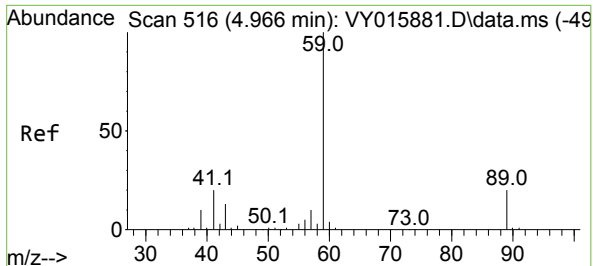
Tgt Ion:101 Resp: 70749
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.0 67.0 100.6



#10
Methyl Iodide
Concen: 53.021 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.019 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion:142 Resp: 69896
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 155.334 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

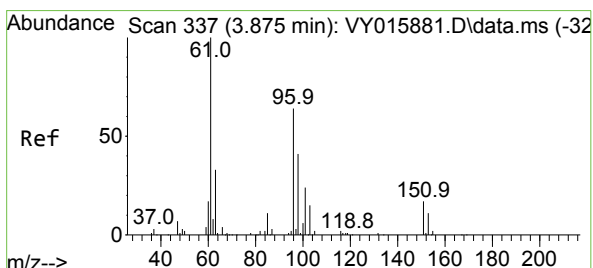
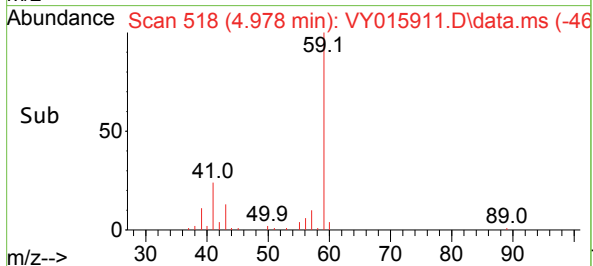
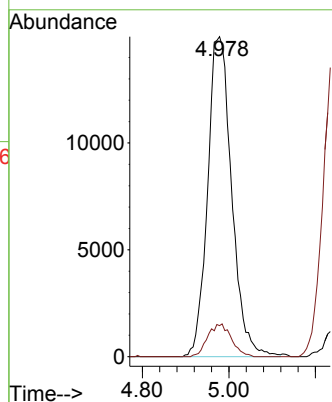
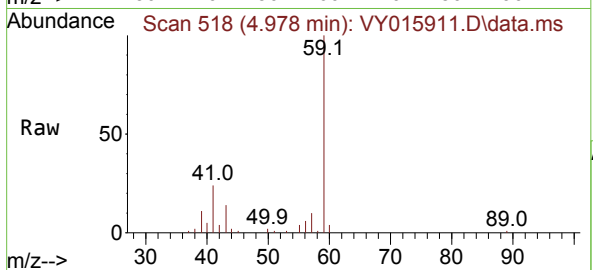
ClientSampleId :

Tgt Ion: 59 Resp: 57920

Ion Ratio Lower Upper

59 100

57 10.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 57.703 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.018 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

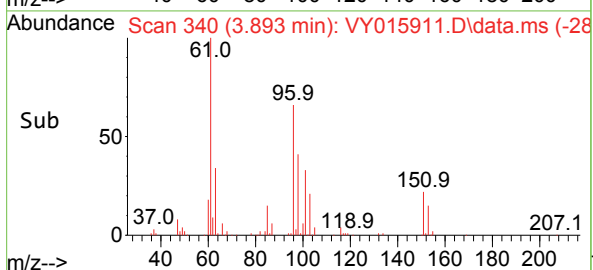
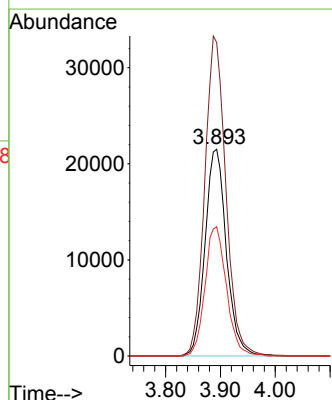
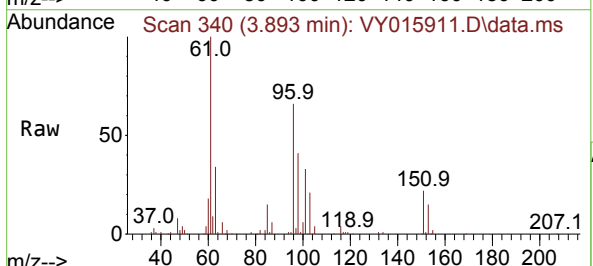
Tgt Ion: 96 Resp: 58054

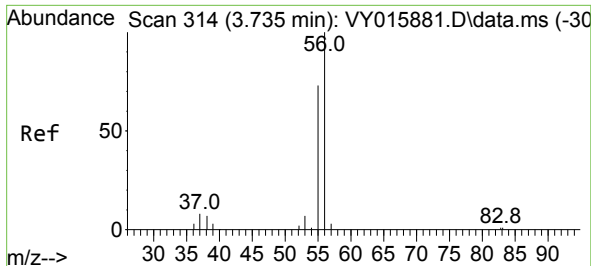
Ion Ratio Lower Upper

96 100

61 151.7 136.4 204.6

98 62.6 49.4 74.2





#13

Acrolein

Concen: 226.107 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

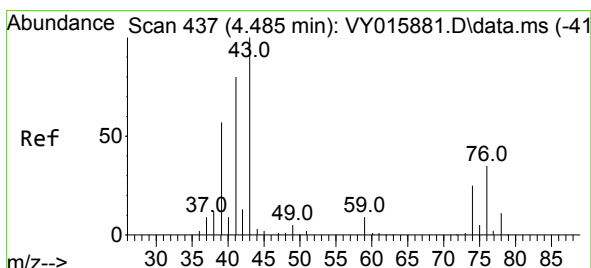
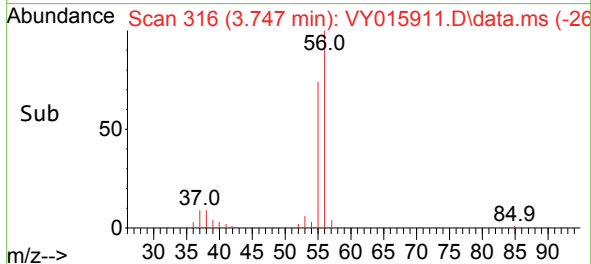
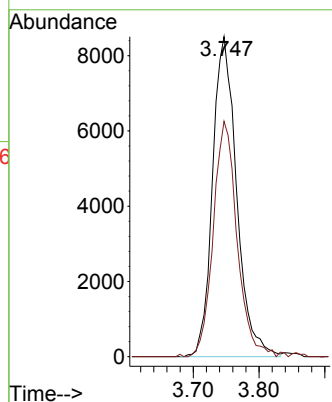
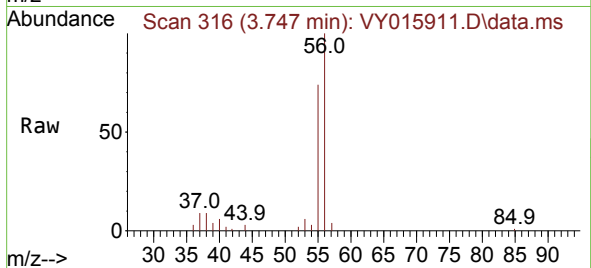
ClientSampleId :

Tgt Ion: 56 Resp: 21645

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 57.318 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

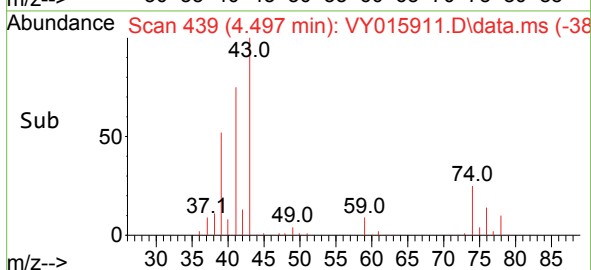
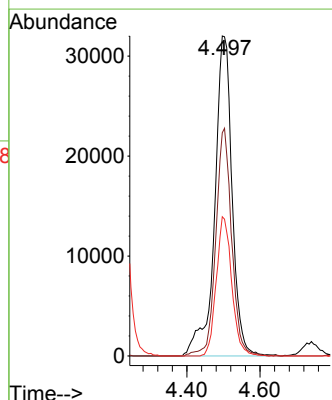
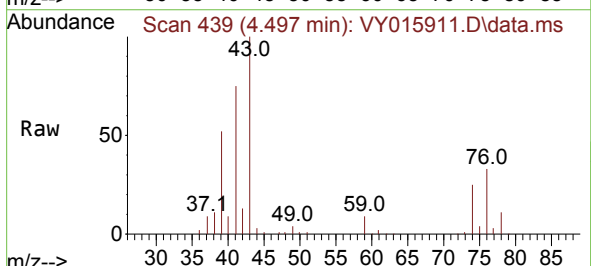
Tgt Ion: 41 Resp: 106322

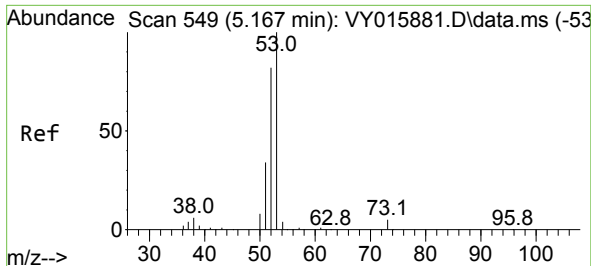
Ion Ratio Lower Upper

41 100

39 64.6 58.0 87.0

76 38.6 27.4 41.2

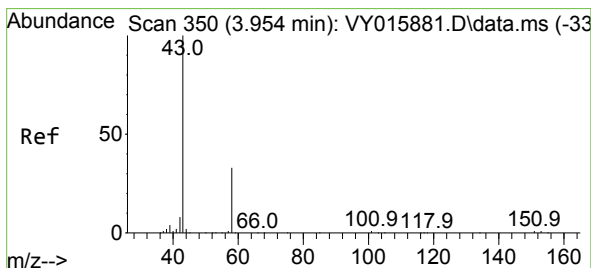
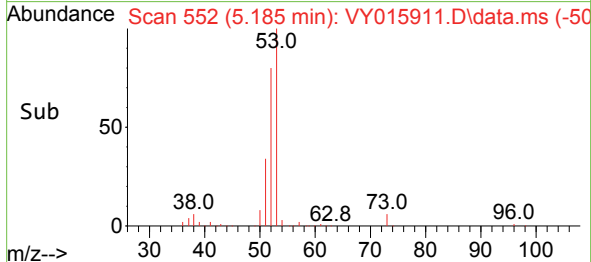
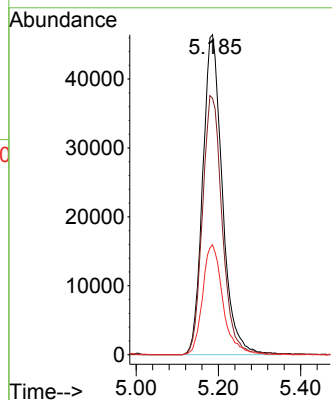
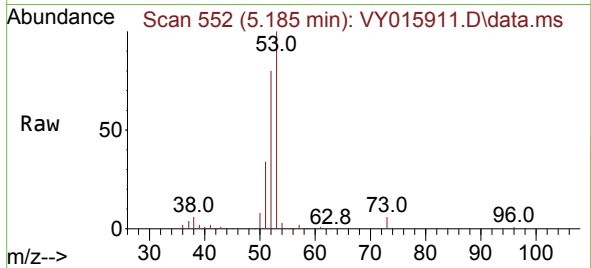




#15
Acrylonitrile
Concen: 274.688 ug/l
RT: 5.185 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

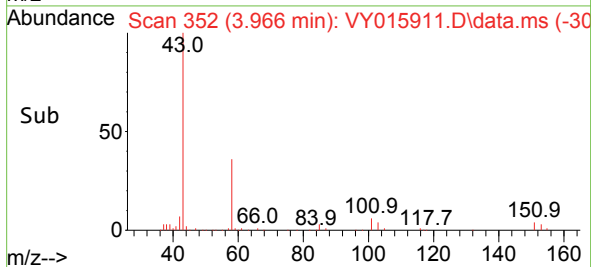
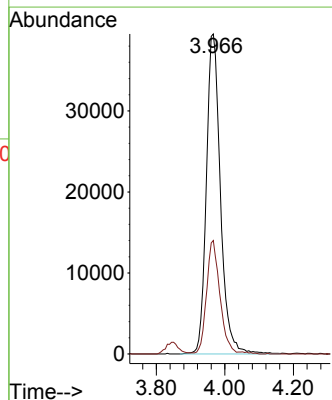
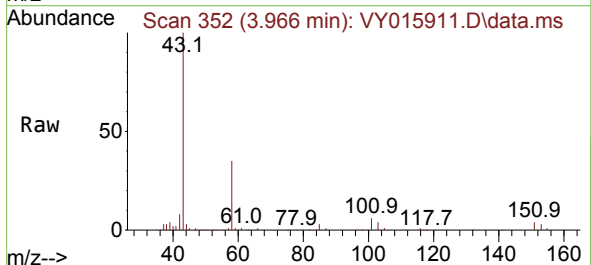
Instrument :
MSVOA_Y
ClientSampleId :

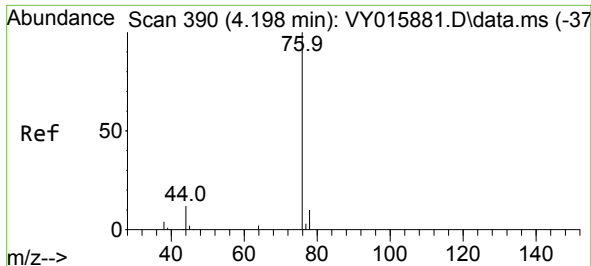
Tgt Ion: 53 Resp: 154013
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 158.768 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

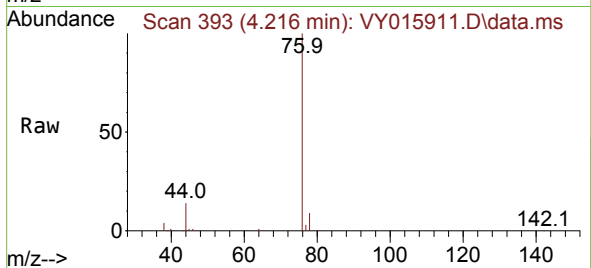
Tgt Ion: 43 Resp: 113110
Ion Ratio Lower Upper
43 100
58 35.4 22.7 34.1#



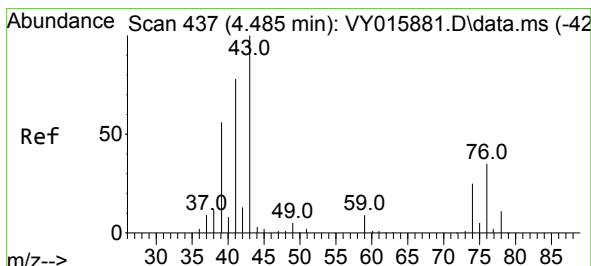
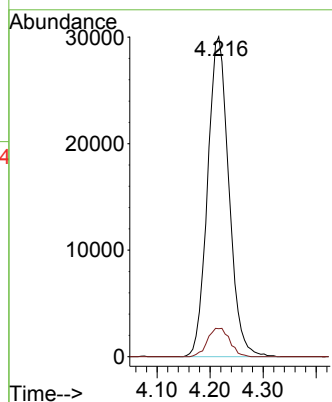
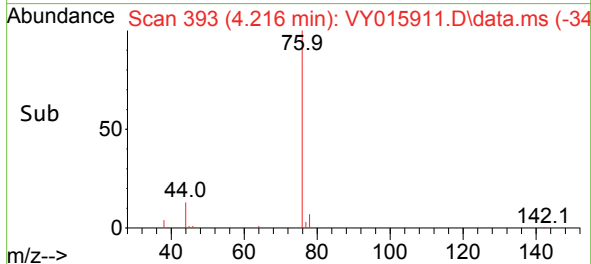


#17
Carbon Disulfide
Concen: 55.321 ug/l
RT: 4.216 min Scan# 390
Delta R.T. 0.018 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Instrument :
MSVOA_Y
ClientSampleId :

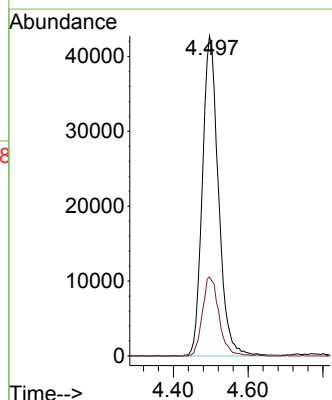
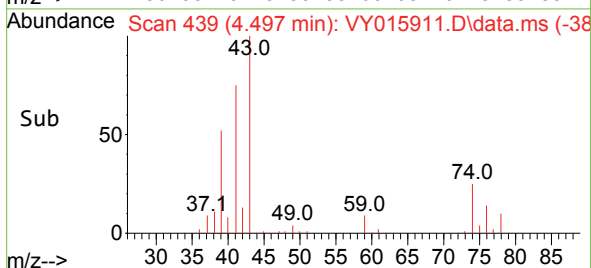
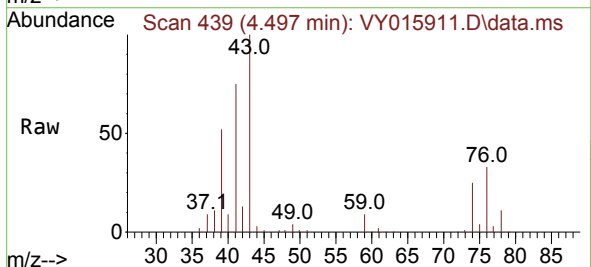


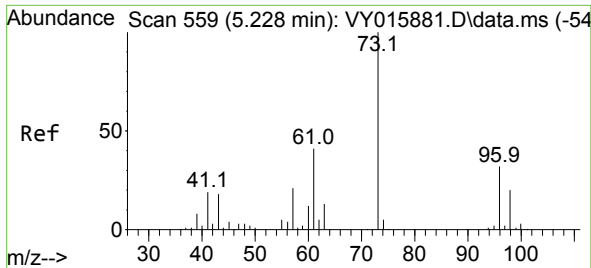
Tgt Ion: 76 Resp: 83658
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 60.094 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

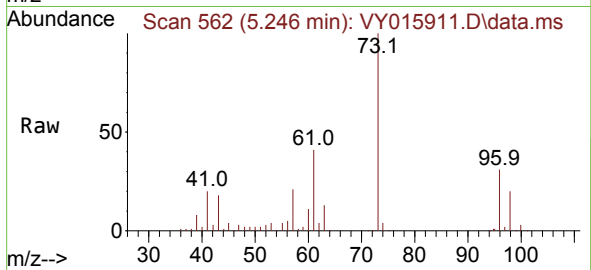
Tgt Ion: 43 Resp: 127599
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0



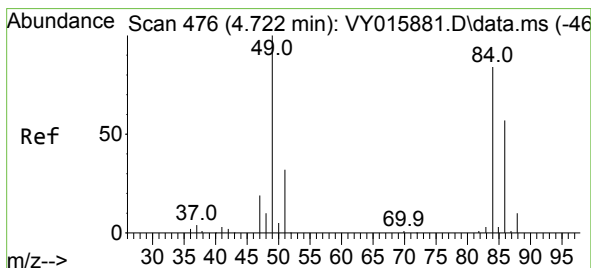
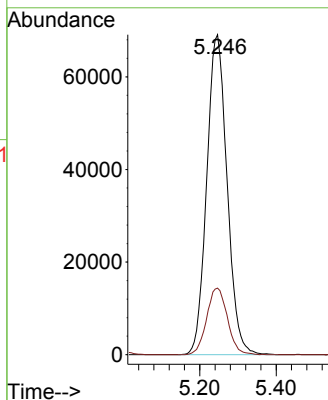
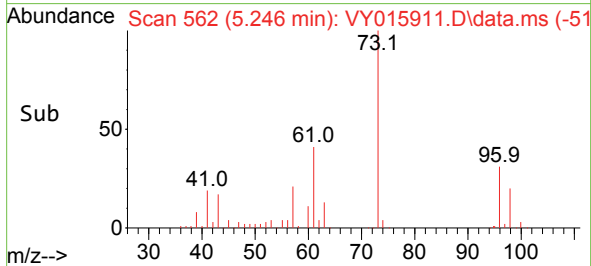


#19
Methyl tert-butyl Ether
Concen: 56.015 ug/l
RT: 5.246 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Instrument :
MSVOA_Y
ClientSampleId :

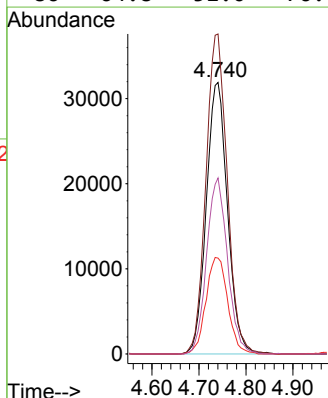
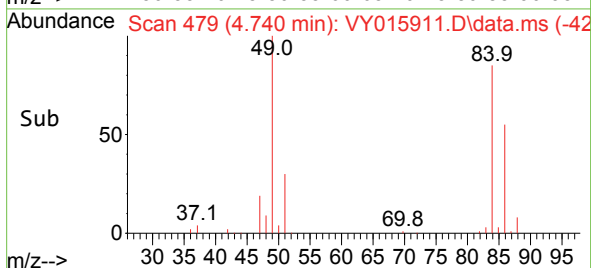
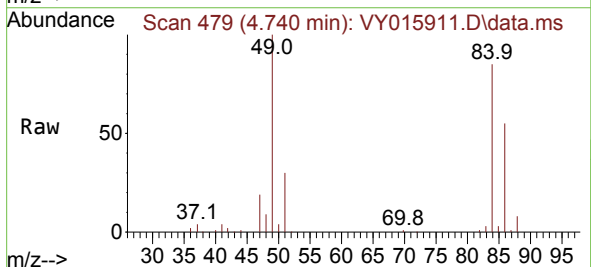


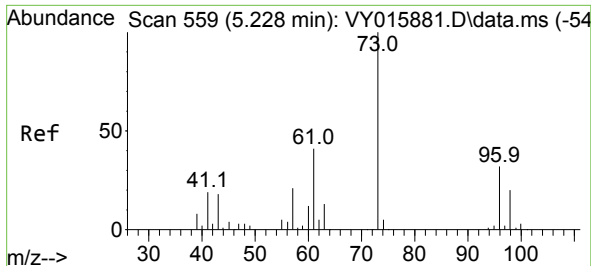
Tgt Ion: 73 Resp: 255380
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 64.151 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.018 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 84 Resp: 100069
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 35.3 33.2 49.8
86 64.8 51.0 76.6

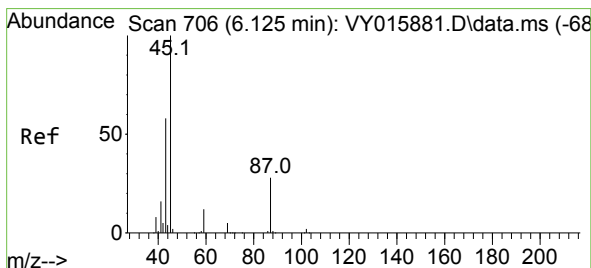
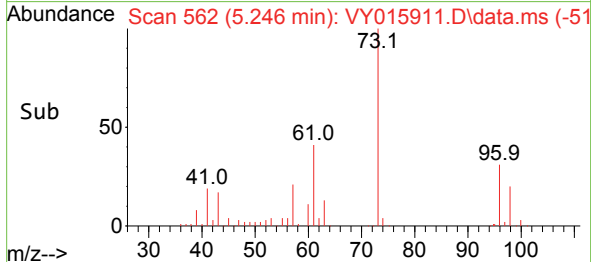
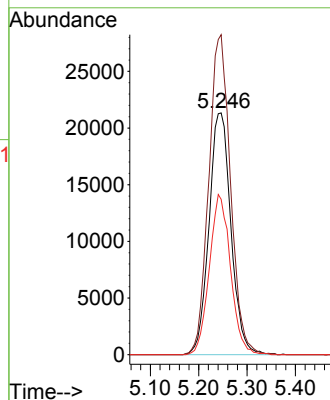
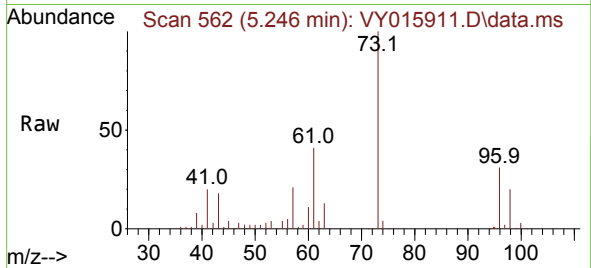




#21
trans-1,2-Dichloroethene
Concen: 57.684 ug/l
RT: 5.246 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

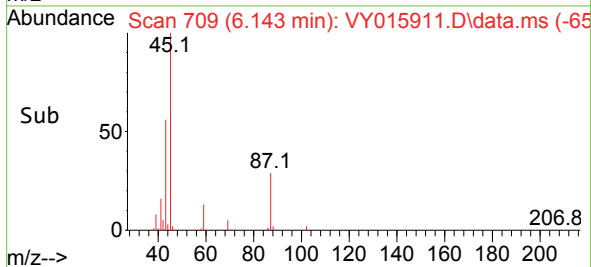
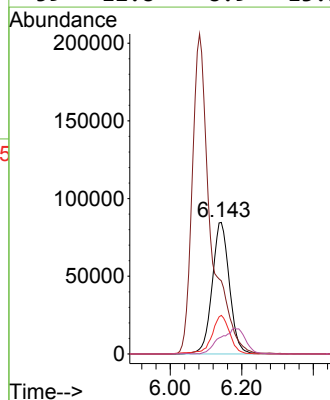
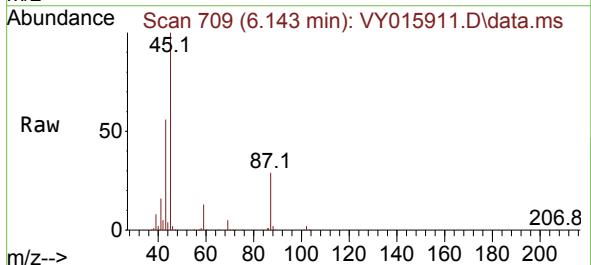
Instrument :
MSVOA_Y
ClientSampleId :

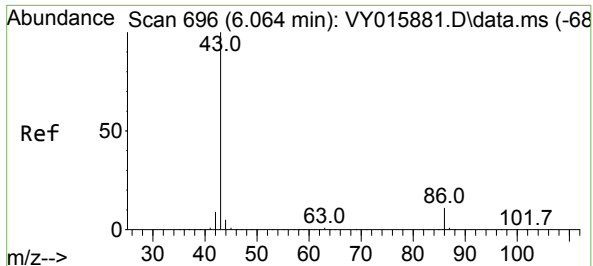
Tgt Ion: 96 Resp: 67342
Ion Ratio Lower Upper
96 100
61 132.4 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 57.063 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 45 Resp: 283119
Ion Ratio Lower Upper
45 100
43 55.2 52.2 78.4
87 29.3 21.0 31.6
59 12.8 8.9 13.3

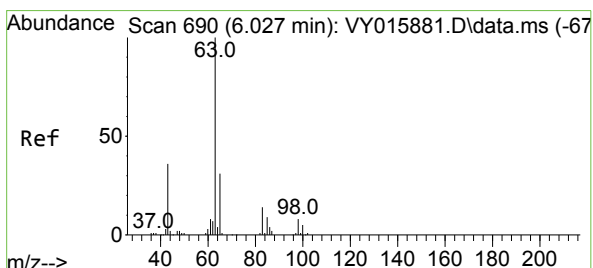
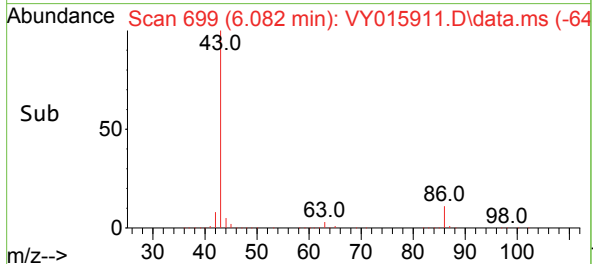
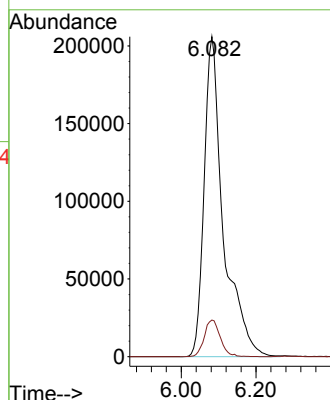
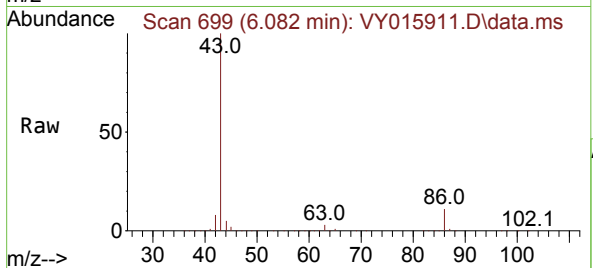




#23
 Vinyl Acetate
 Concen: 269.016 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.018 min
 Lab File: VY015911.D
 Acq: 10 Oct 2023 20:44

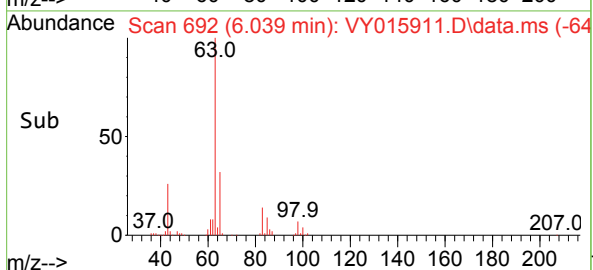
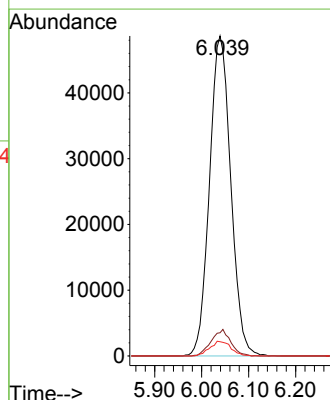
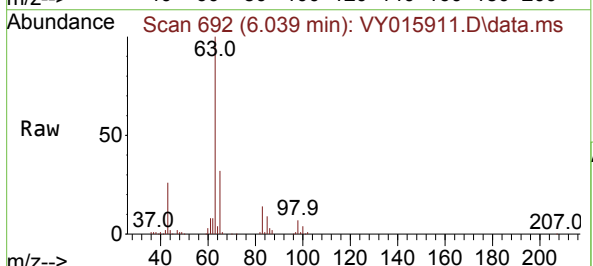
Instrument :
 MSVOA_Y
 ClientSampleId :

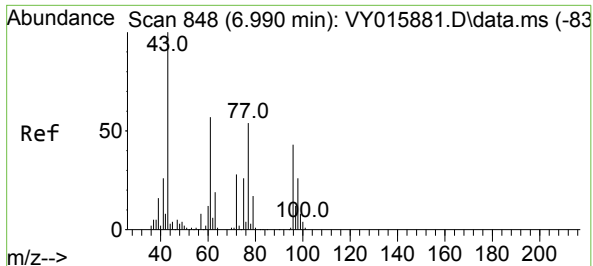
Tgt Ion: 43 Resp: 733947
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 55.914 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY015911.D
 Acq: 10 Oct 2023 20:44

Tgt Ion: 63 Resp: 152815
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 230.262 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

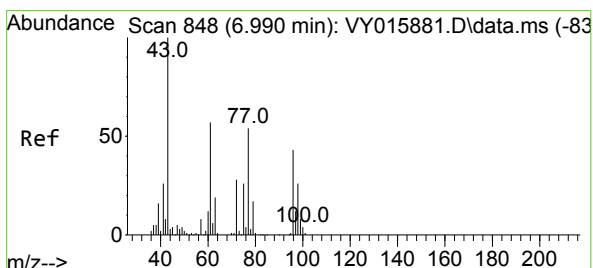
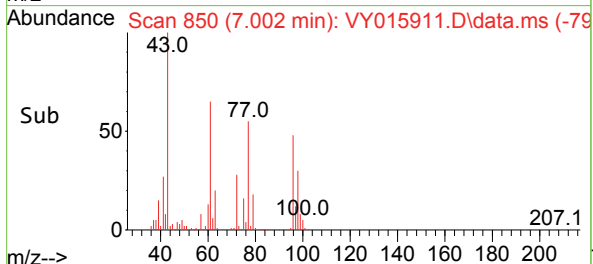
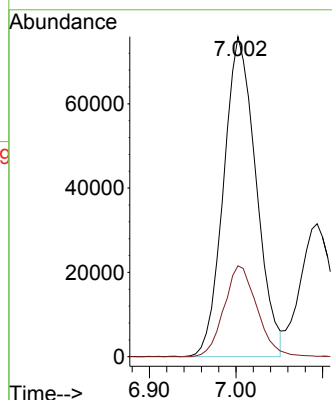
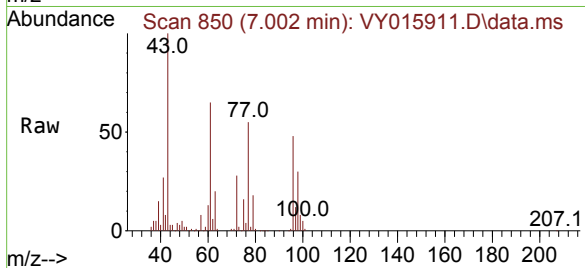
ClientSampleId :

Tgt Ion: 43 Resp: 197839

Ion Ratio Lower Upper

43 100

72 28.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.446 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY015911.D

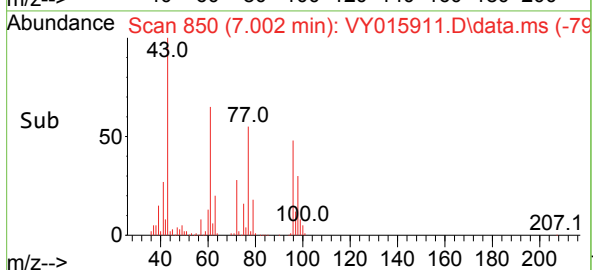
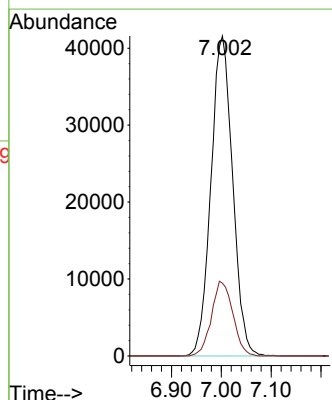
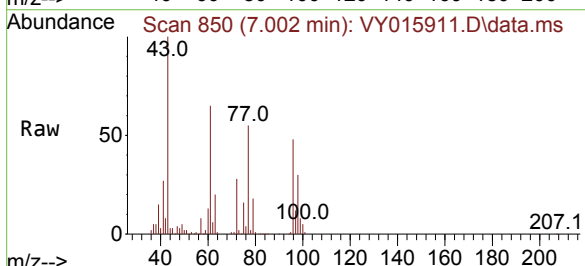
Acq: 10 Oct 2023 20:44

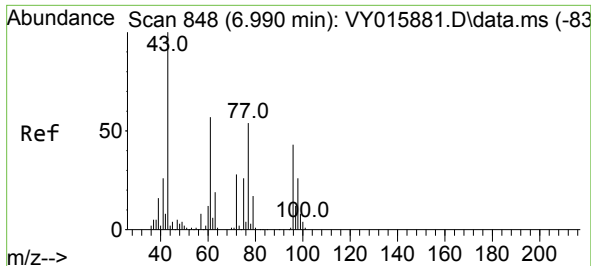
Tgt Ion: 77 Resp: 125677

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 56.545 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

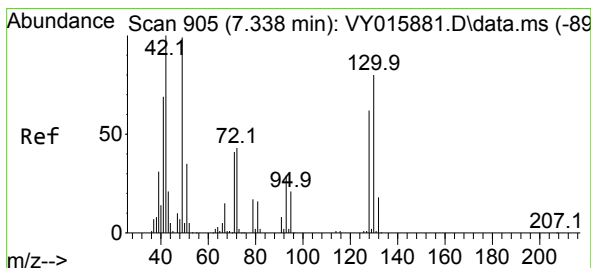
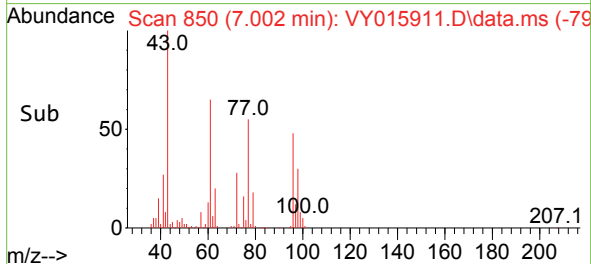
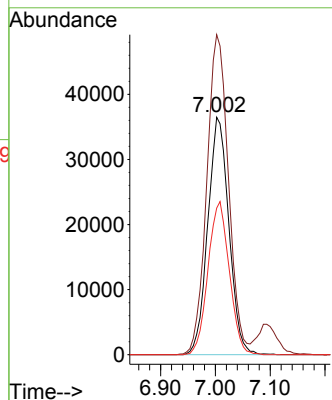
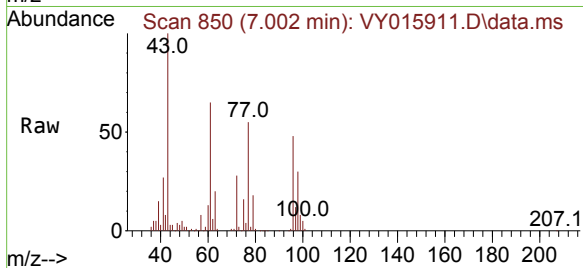
Tgt Ion: 96 Resp: 97430

Ion Ratio Lower Upper

96 100

61 138.7 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 54.267 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

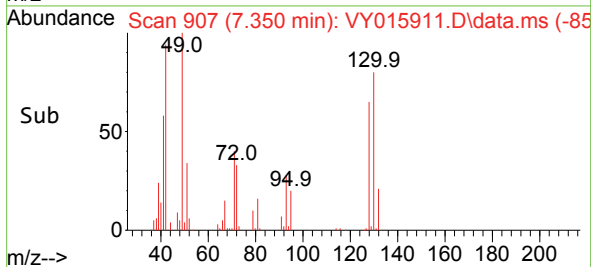
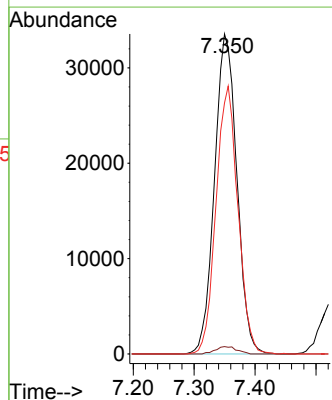
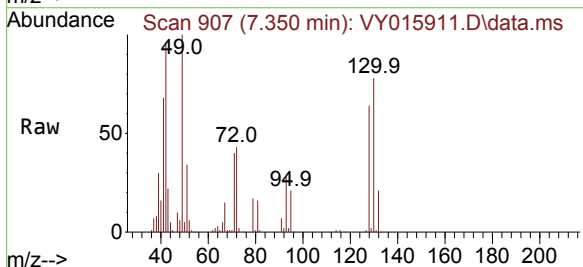
Tgt Ion: 49 Resp: 85480

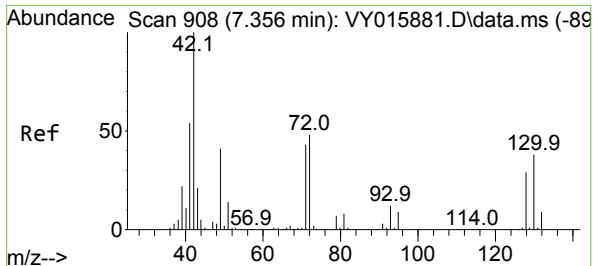
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 276.108 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

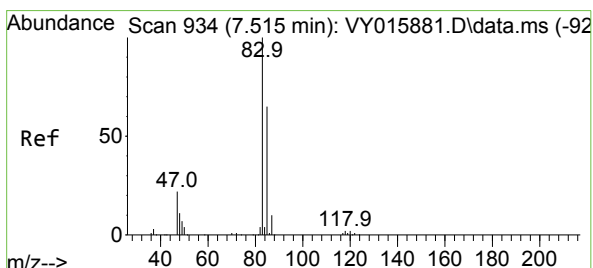
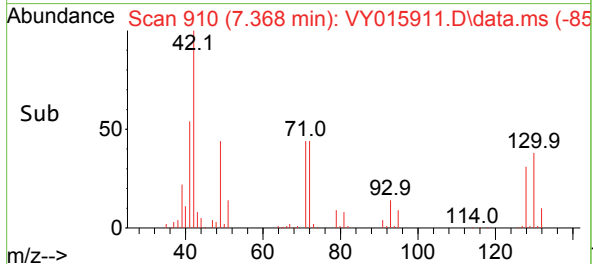
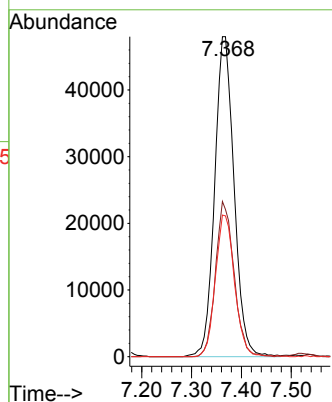
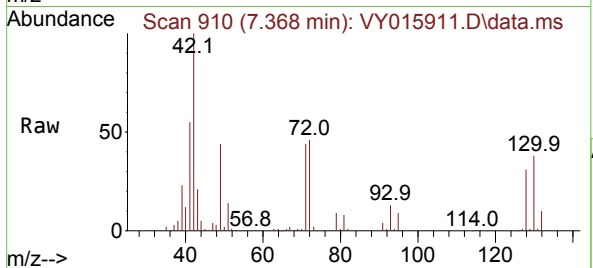
Tgt Ion: 42 Resp: 129777

Ion Ratio Lower Upper

42 100

72 46.3 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 56.401 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY015911.D

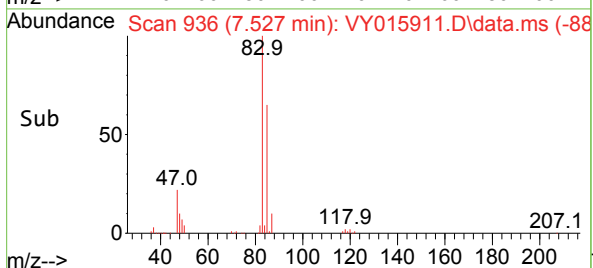
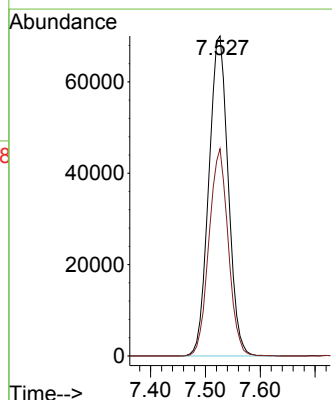
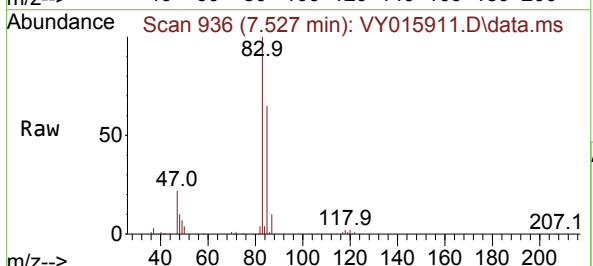
Acq: 10 Oct 2023 20:44

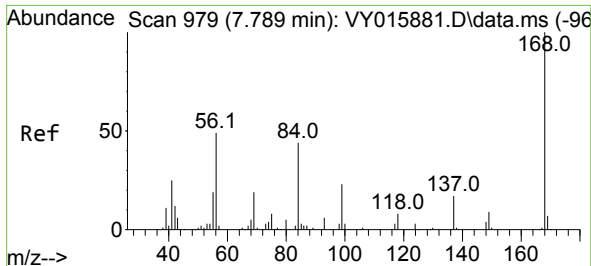
Tgt Ion: 83 Resp: 171936

Ion Ratio Lower Upper

83 100

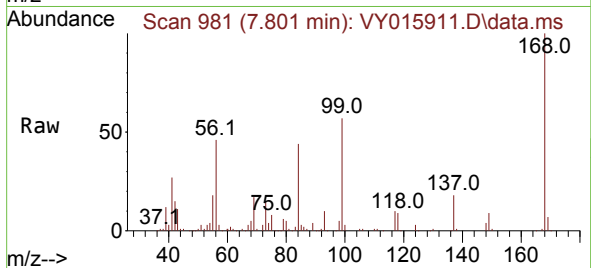
85 64.8 49.7 74.5



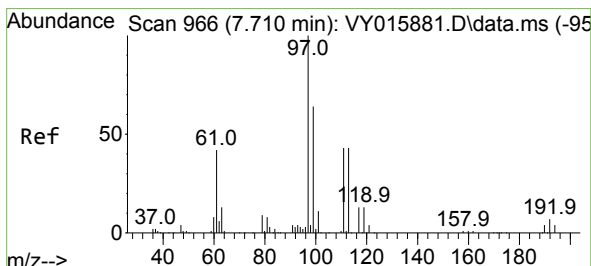
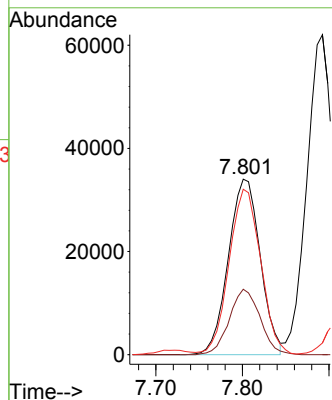
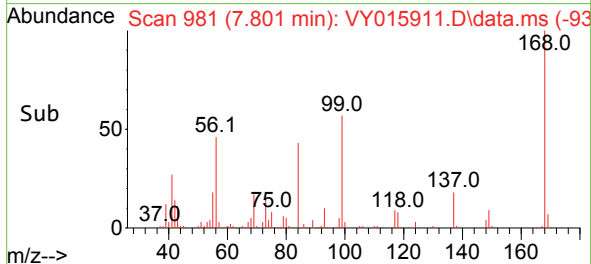


#31
Cyclohexane
Concen: 51.886 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

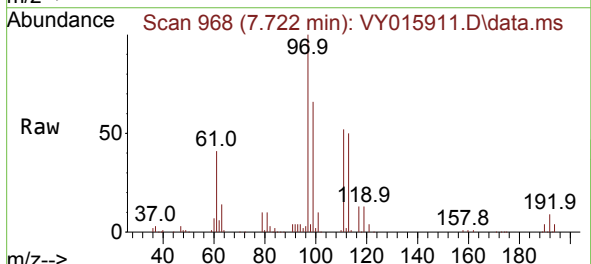
Instrument :
MSVOA_Y
ClientSampleId :



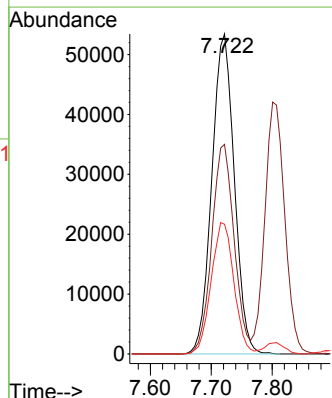
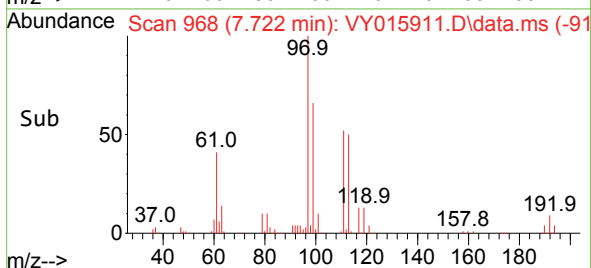
Tgt Ion: 56 Resp: 87037
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.6
84 91.8 66.4 99.6

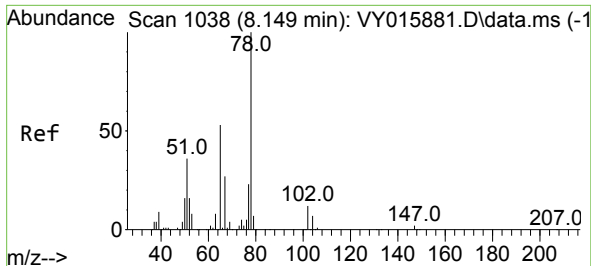


#32
1,1,1-Trichloroethane
Concen: 54.965 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44



Tgt Ion: 97 Resp: 136840
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 41.5 35.1 52.7

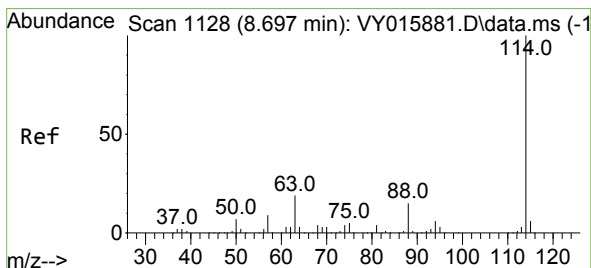
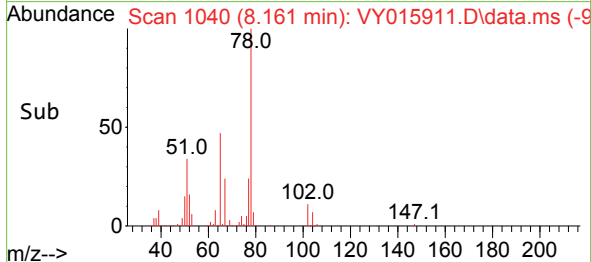
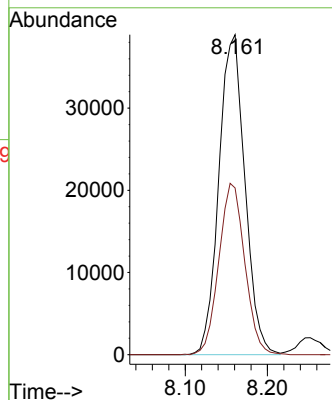
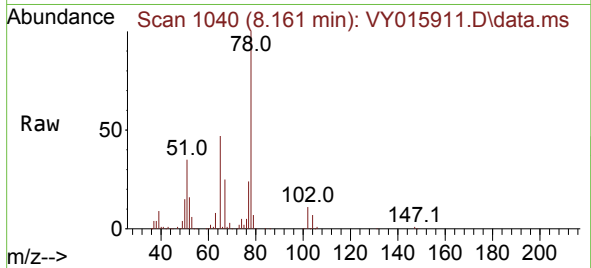




#33
 1,2-Dichloroethane-d4
 Concen: 54.764 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.012 min
 Lab File: VY015911.D
 Acq: 10 Oct 2023 20:44

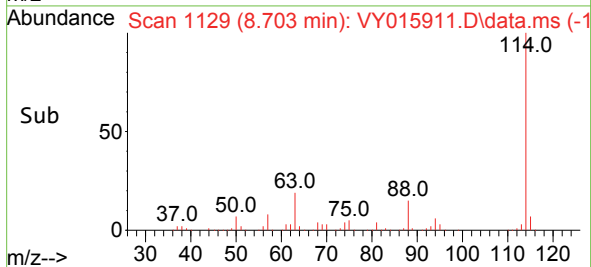
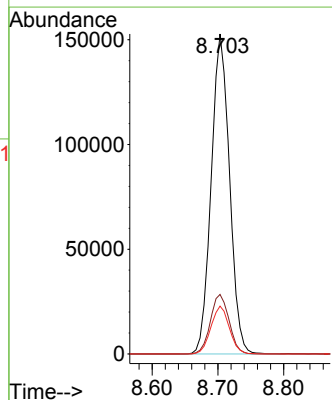
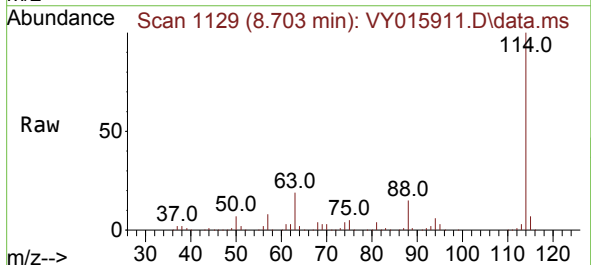
Instrument :
 MSVOA_Y
 ClientSampleId :

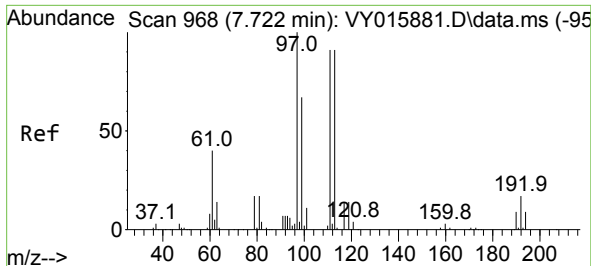
Tgt Ion: 65 Resp: 85774
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY015911.D
 Acq: 10 Oct 2023 20:44

Tgt Ion: 114 Resp: 295725
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 15.0 0.0 30.6

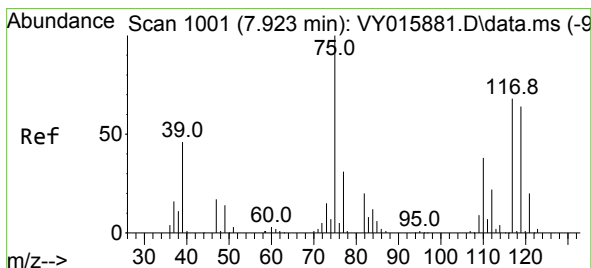
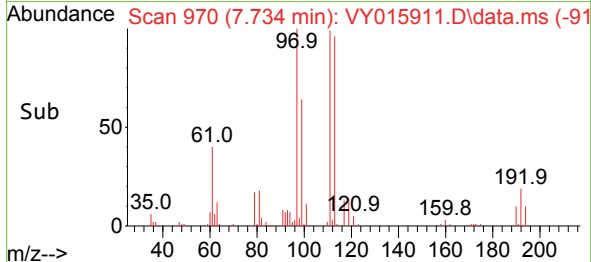
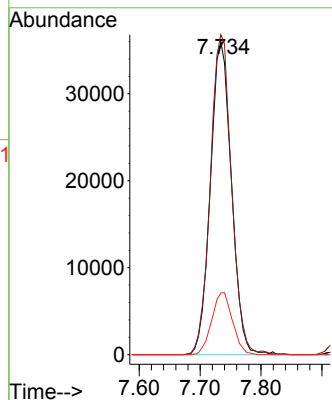
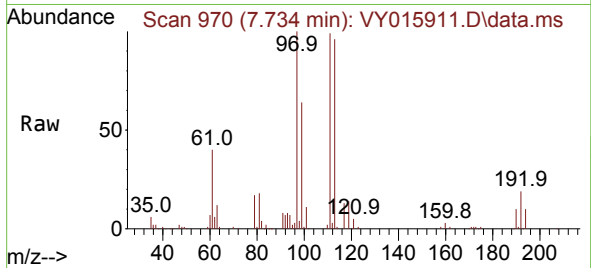




#35
Dibromofluoromethane
Concen: 52.420 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

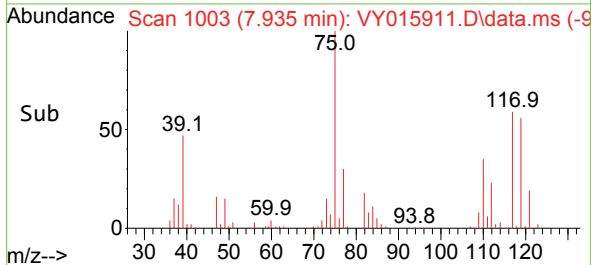
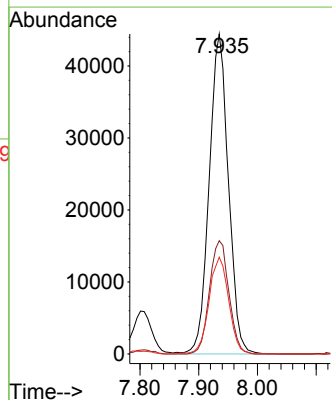
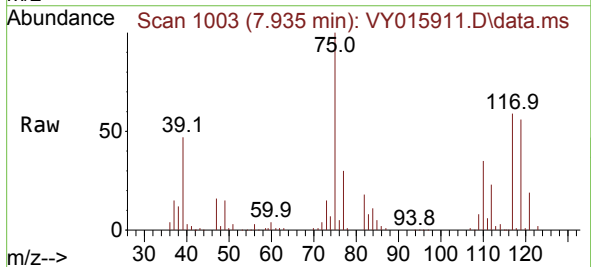
Instrument :
MSVOA_Y
ClientSampleId :

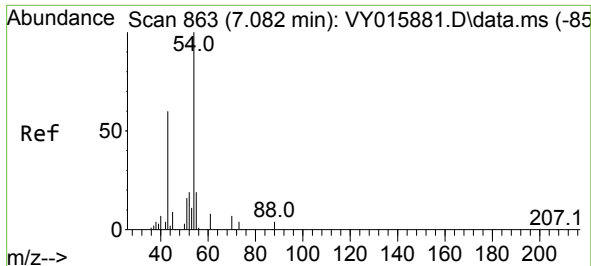
Tgt Ion:113 Resp: 86466
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.294 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 75 Resp: 101012
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.0 24.4 36.6

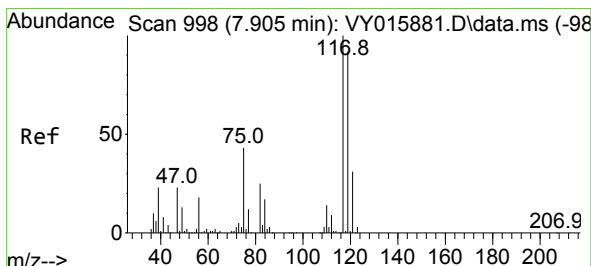
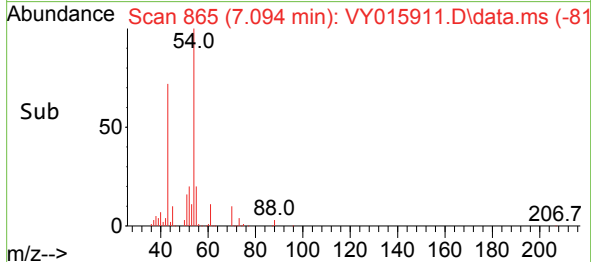
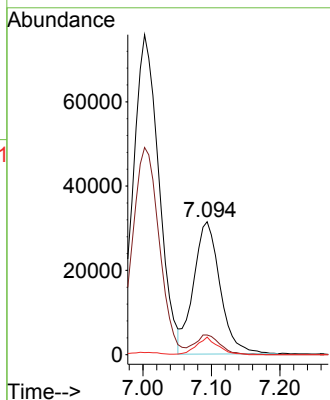
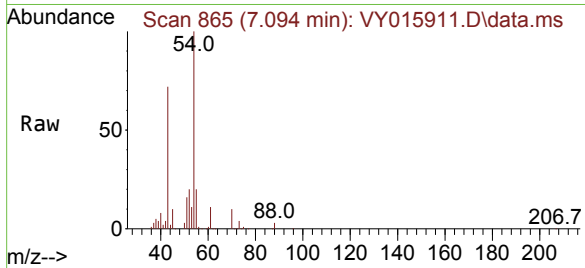




#37
Ethyl Acetate
Concen: 54.008 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

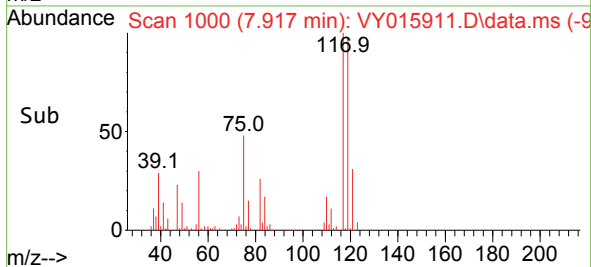
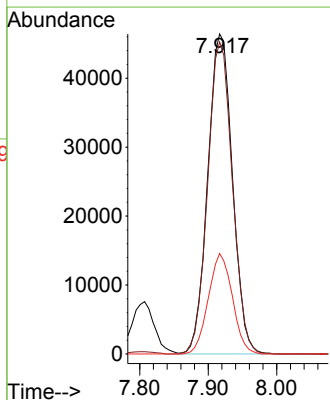
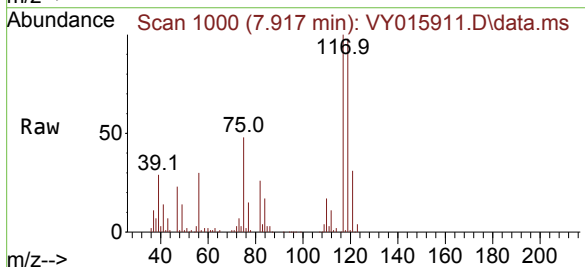
Instrument :
MSVOA_Y
ClientSampleId :

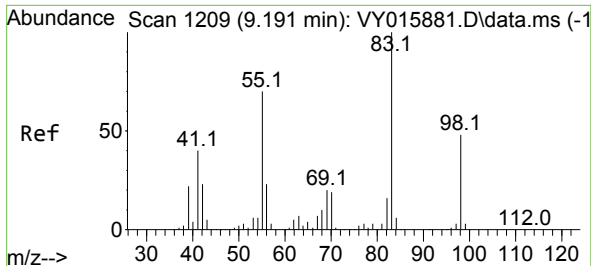
Tgt Ion: 43 Resp: 84735
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 53.059 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 117 Resp: 116409
Ion Ratio Lower Upper
117 100
119 97.5 76.4 114.6
121 31.4 25.8 38.6

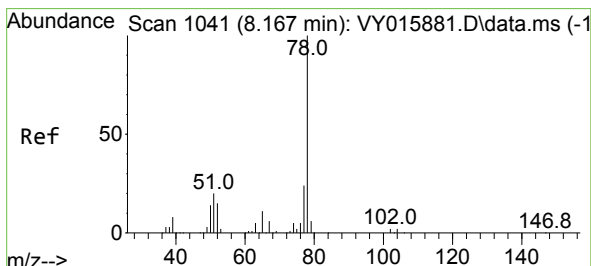
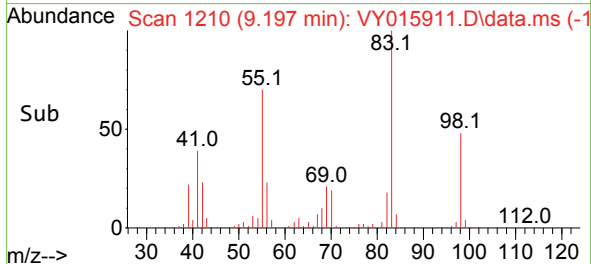
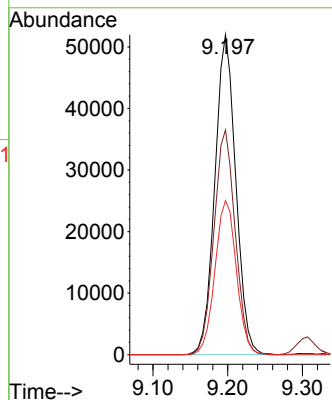
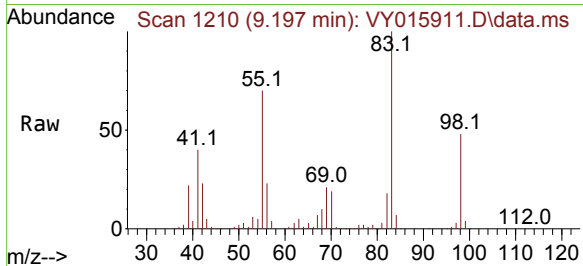




#39
Methylcyclohexane
Concen: 54.702 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

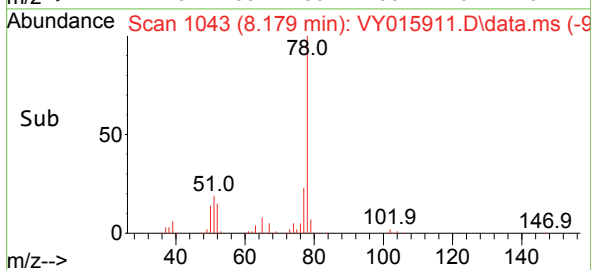
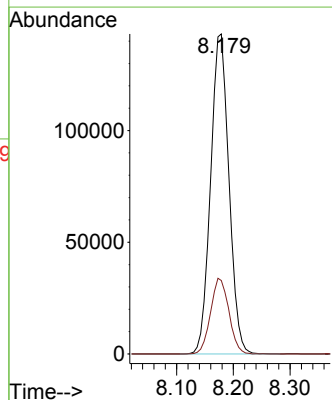
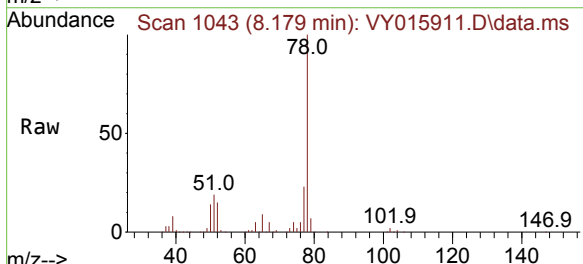
Instrument :
MSVOA_Y
ClientSampleId :

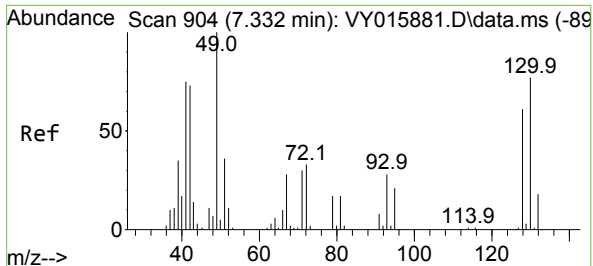
Tgt Ion: 83 Resp: 101506
Ion Ratio Lower Upper
83 100
55 70.2 63.0 94.4
98 48.2 37.4 56.2



#40
Benzene
Concen: 55.932 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 78 Resp: 321113
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

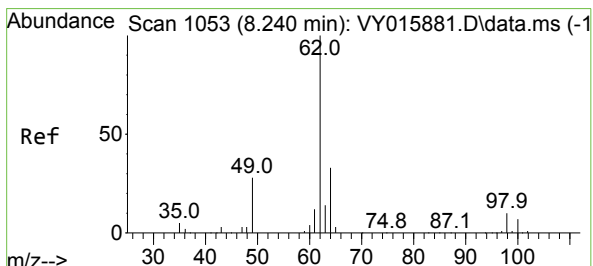
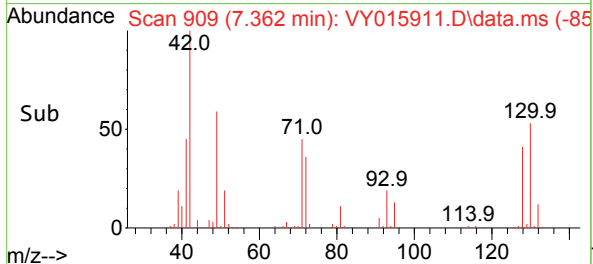
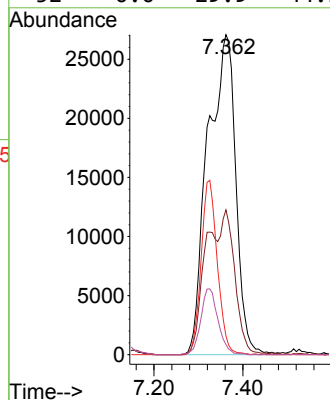
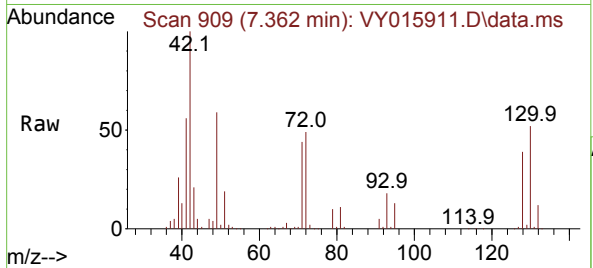




#41
Methacrylonitrile
Concen: 121.179 ug/l
RT: 7.362 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

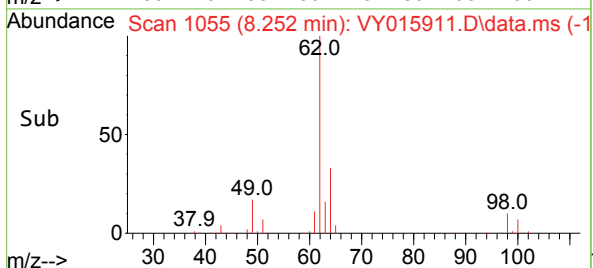
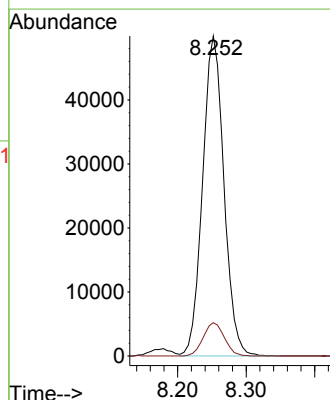
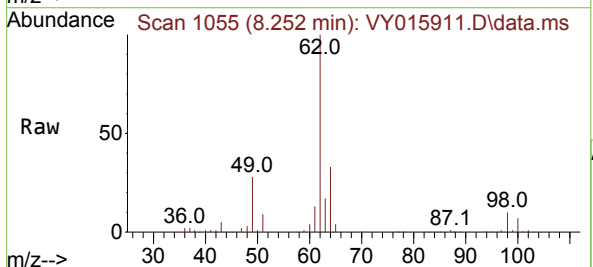
Instrument :
MSVOA_Y
ClientSampleId :

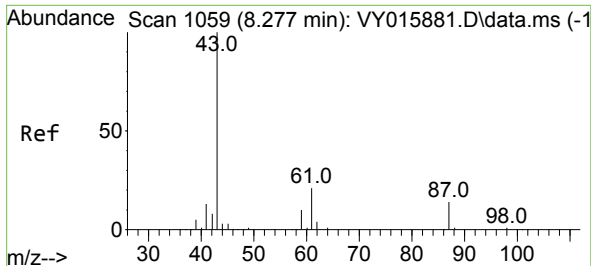
Tgt Ion: 41 Resp: 118256
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 55.288 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 62 Resp: 108200
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

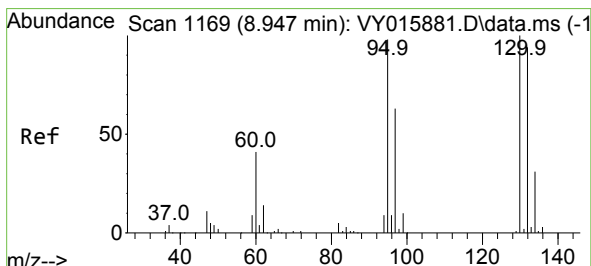
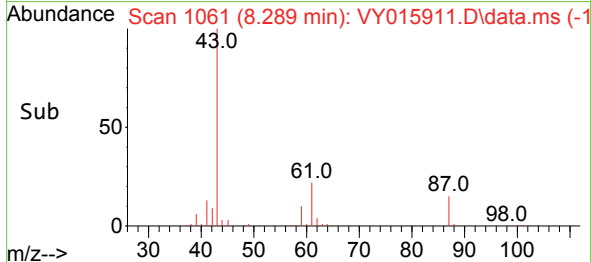
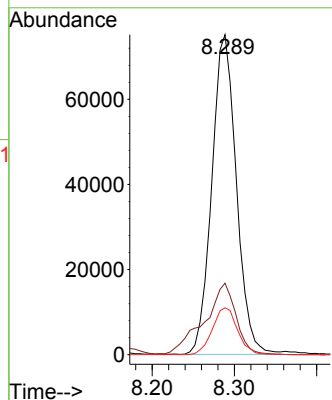
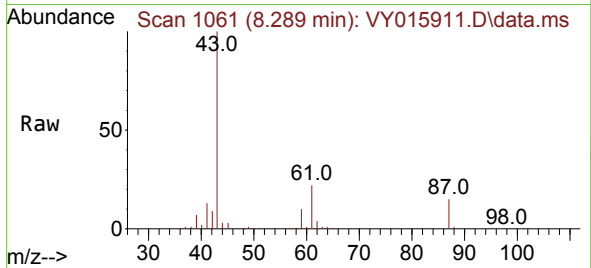




#43
Isopropyl Acetate
Concen: 53.736 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

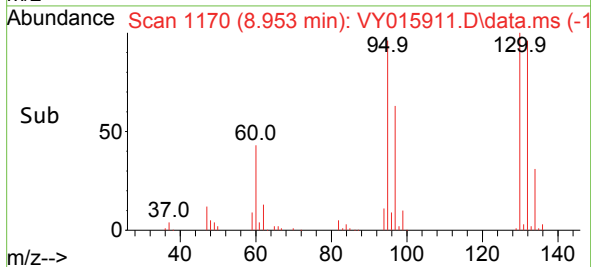
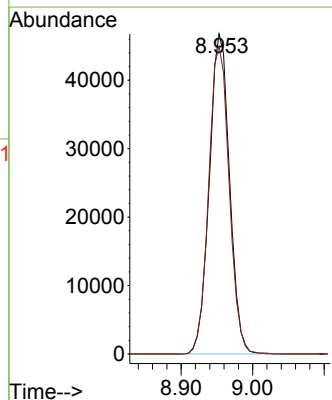
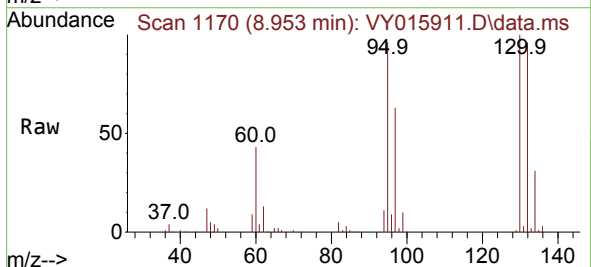
Instrument :
MSVOA_Y
ClientSampleId :

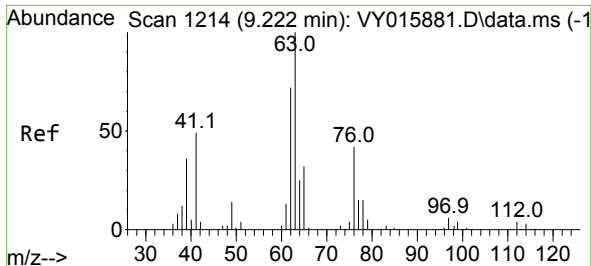
Tgt Ion: 43 Resp: 156061
Ion Ratio Lower Upper
43 100
61 29.2 21.1 31.7
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 55.256 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion:130 Resp: 91795
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.0

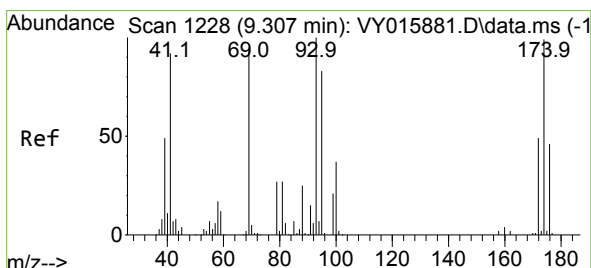
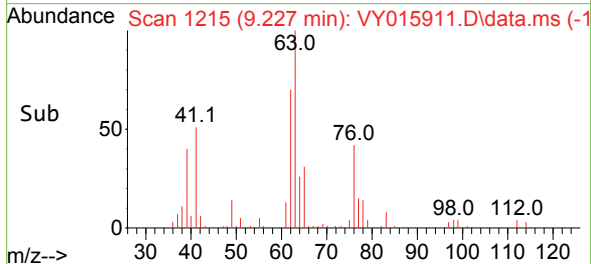
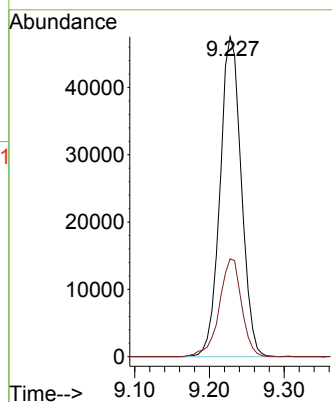
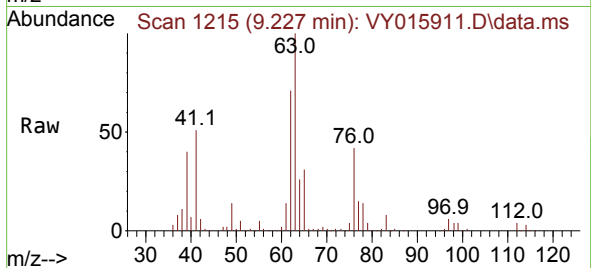




#45
1,2-Dichloropropane
Concen: 54.490 ug/l
RT: 9.227 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

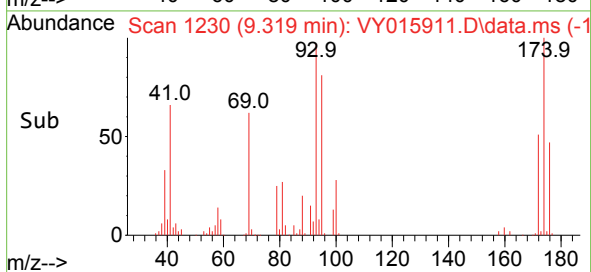
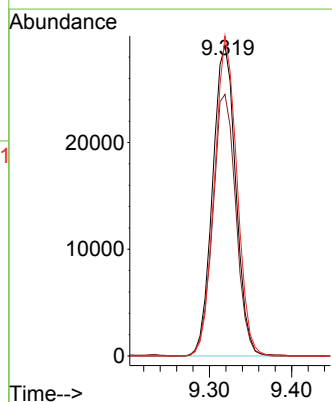
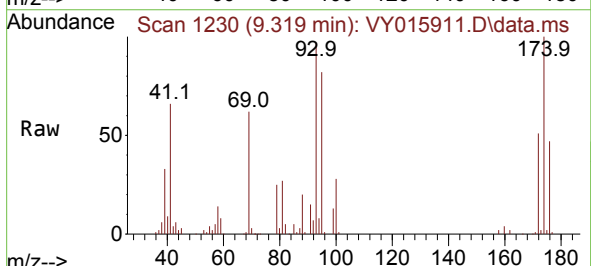
Instrument :
MSVOA_Y
ClientSampleId :

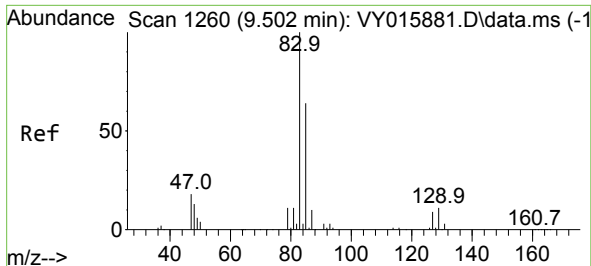
Tgt Ion: 63 Resp: 94096
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.6



#46
Dibromomethane
Concen: 55.285 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 93 Resp: 56812
Ion Ratio Lower Upper
93 100
95 84.3 66.6 100.0
174 100.1 84.8 127.2

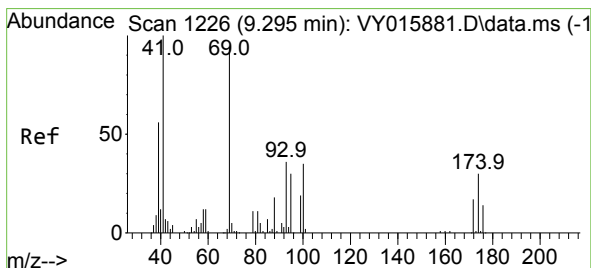
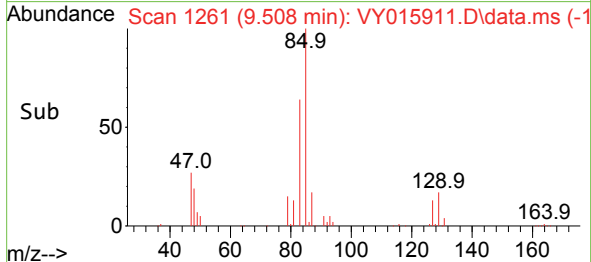
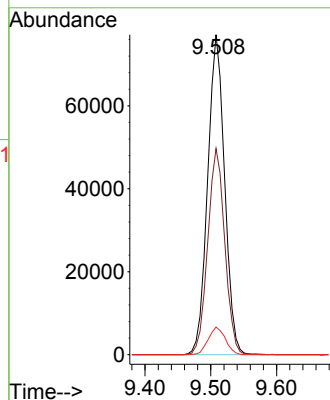
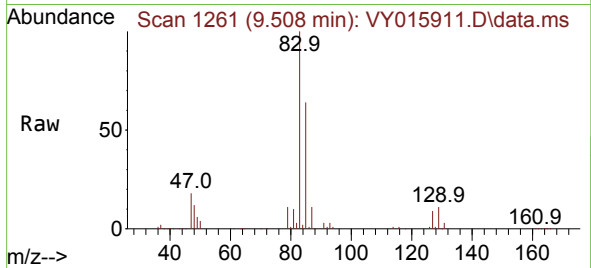




#47
Bromodichloromethane
Concen: 54.202 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

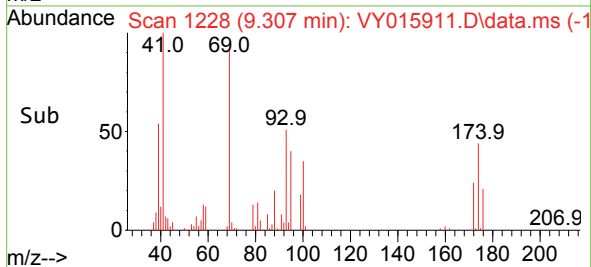
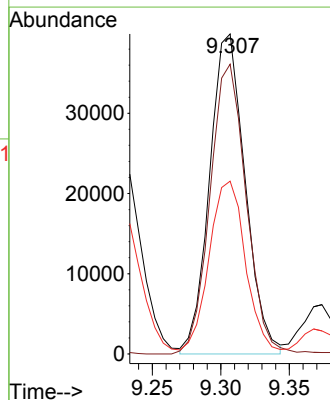
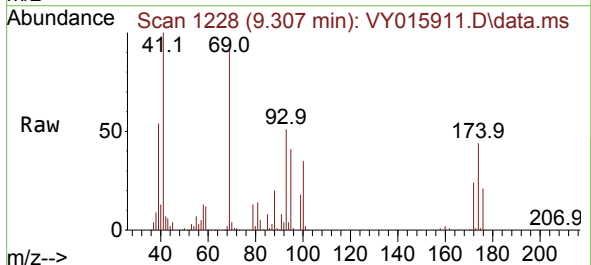
Instrument :
MSVOA_Y
ClientSampleId :

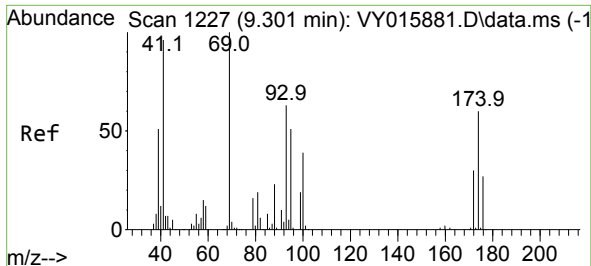
Tgt Ion: 83 Resp: 138527
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 56.139 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 41 Resp: 72003
Ion Ratio Lower Upper
41 100
69 92.2 64.5 96.7
39 55.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1083.322 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

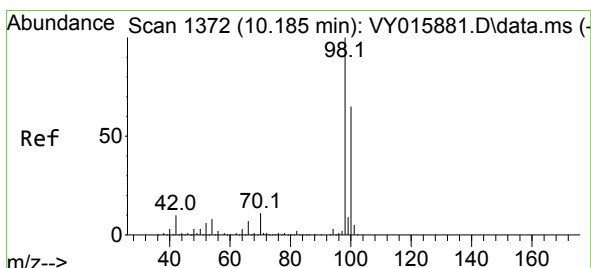
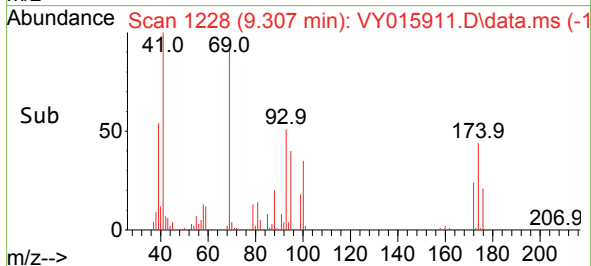
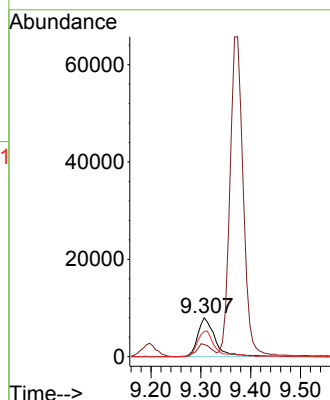
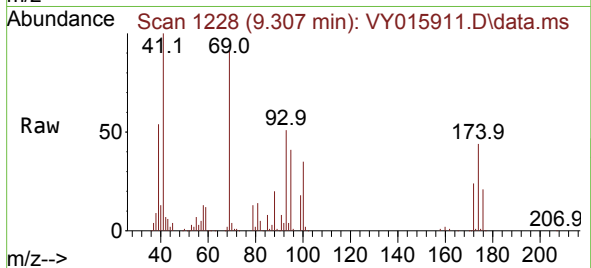
Tgt Ion: 88 Resp: 19352

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0#

58 61.4 30.9 46.3#



#50

Toluene-d8

Concen: 53.249 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY015911.D

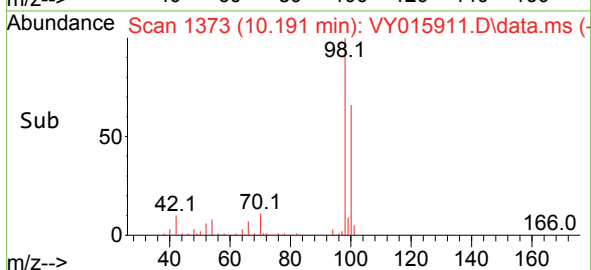
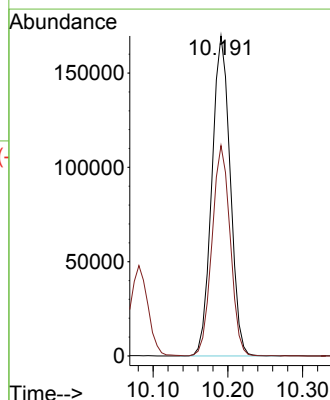
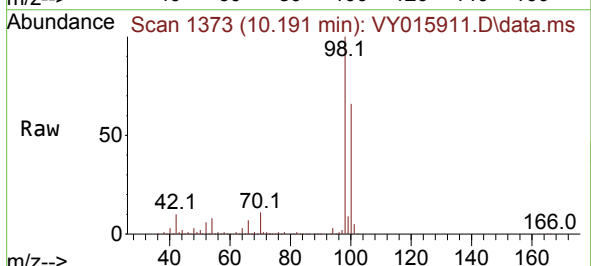
Acq: 10 Oct 2023 20:44

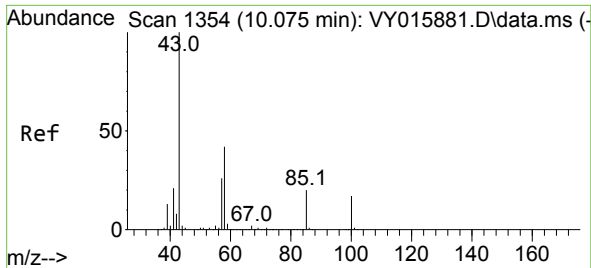
Tgt Ion: 98 Resp: 289475

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

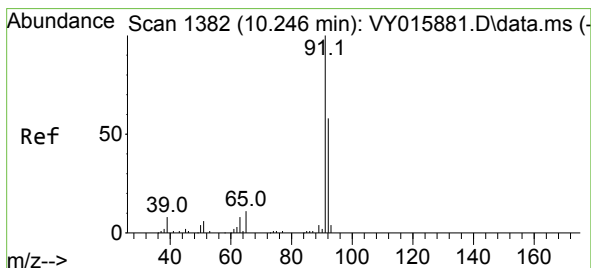
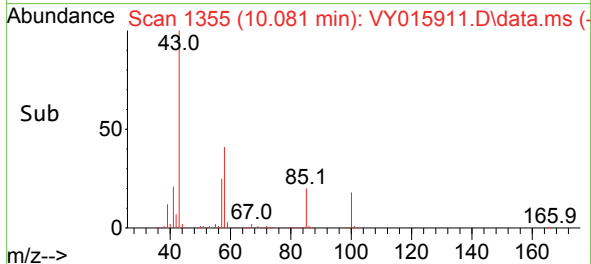
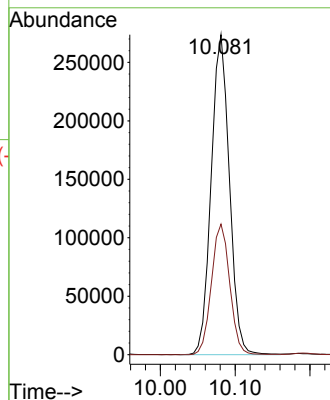
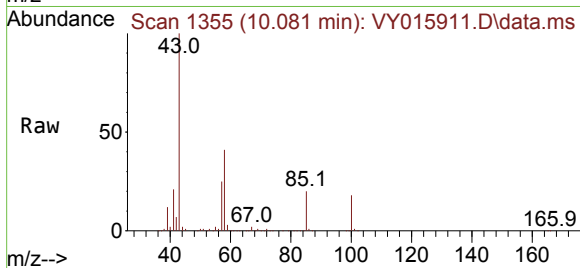




#51
4-Methyl-2-Pentanone
Concen: 266.333 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

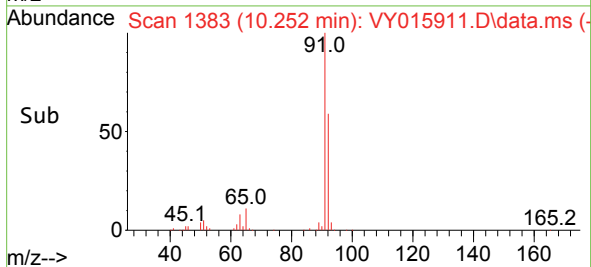
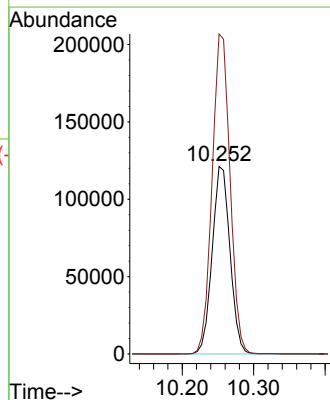
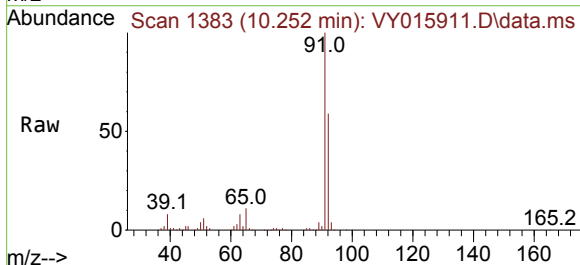
Instrument :
MSVOA_Y
ClientSampleId :

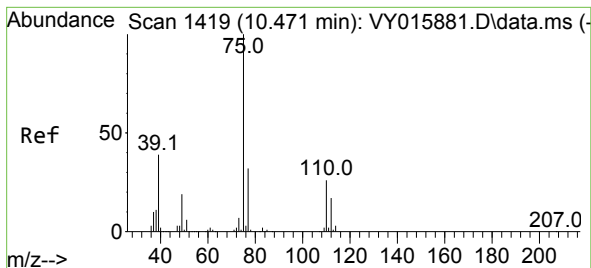
Tgt Ion: 43 Resp: 462772
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 54.966 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 92 Resp: 209470
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6

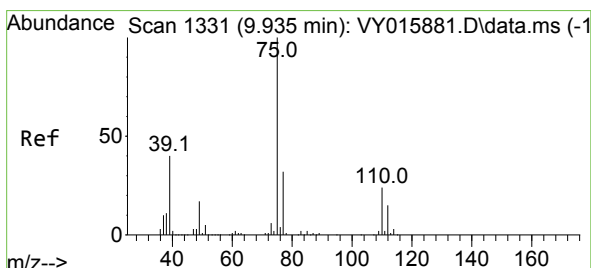
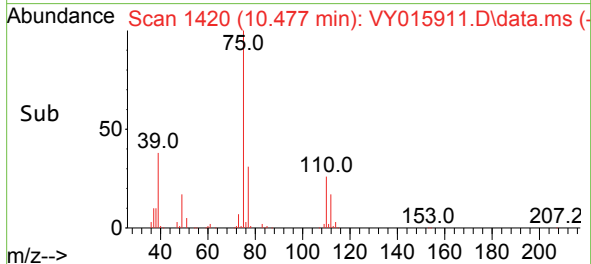
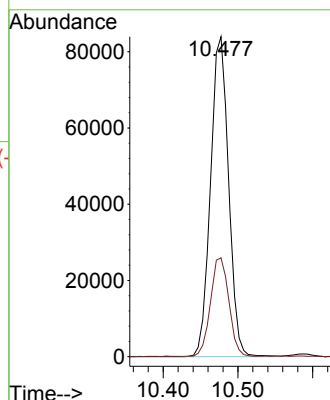
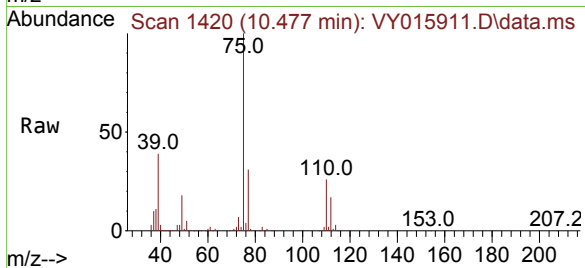




#53
t-1,3-Dichloropropene
Concen: 54.498 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

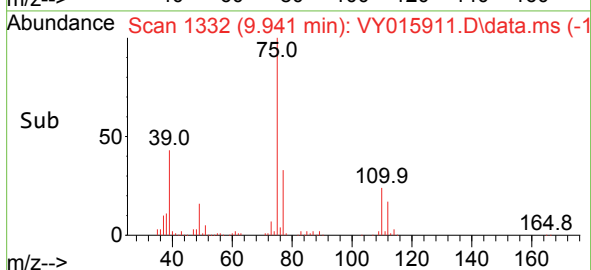
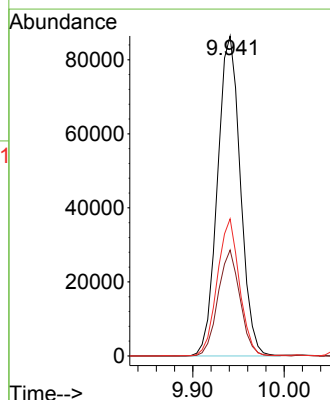
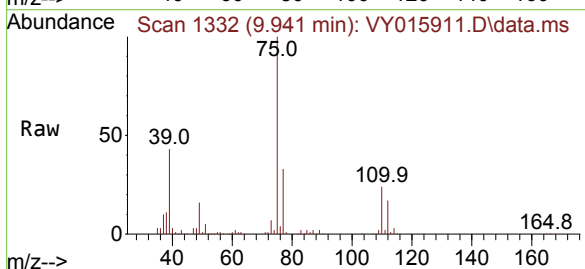
Instrument :
MSVOA_Y
ClientSampleId :

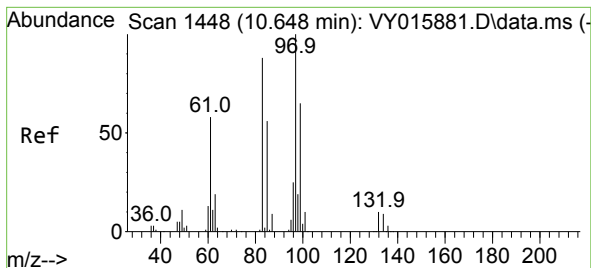
Tgt Ion: 75 Resp: 140808
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 53.530 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 75 Resp: 150237
Ion Ratio Lower Upper
75 100
77 33.1 24.2 36.4
39 42.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 53.892 ug/l

RT: 10.654 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 88183

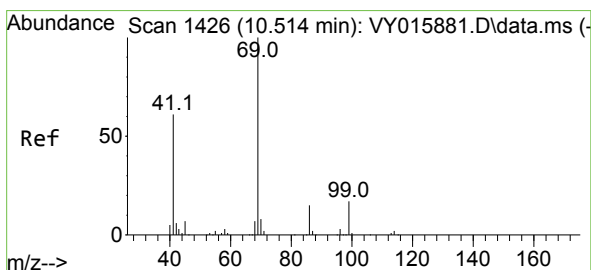
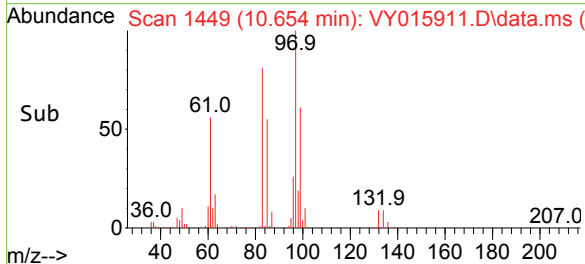
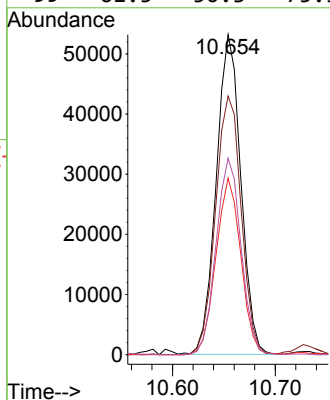
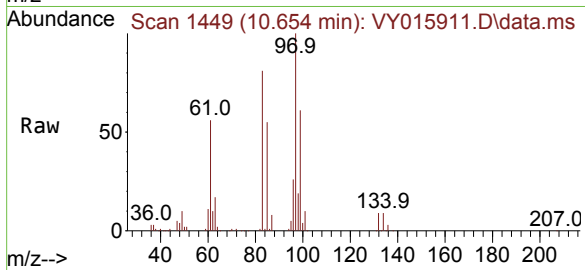
Ion Ratio Lower Upper

97 100

83 81.0 72.0 108.0

85 55.2 45.4 68.0

99 61.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.488 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

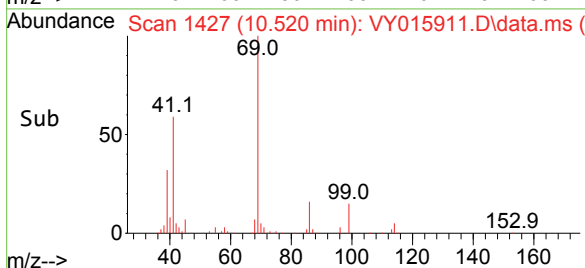
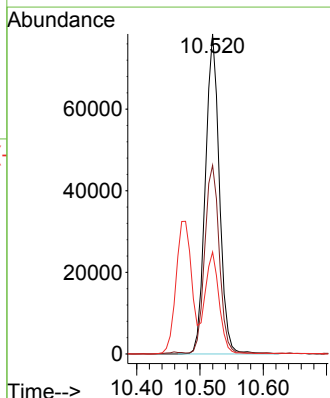
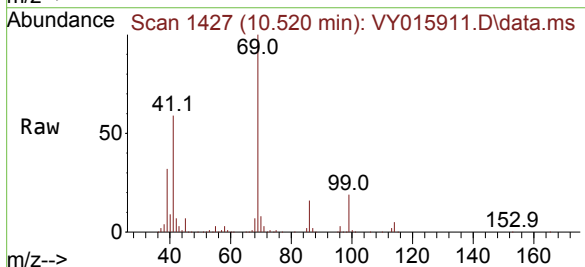
Tgt Ion: 69 Resp: 121042

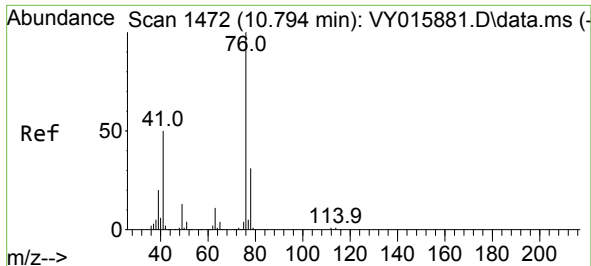
Ion Ratio Lower Upper

69 100

41 60.5 57.6 86.4

39 32.0 34.1 51.1#

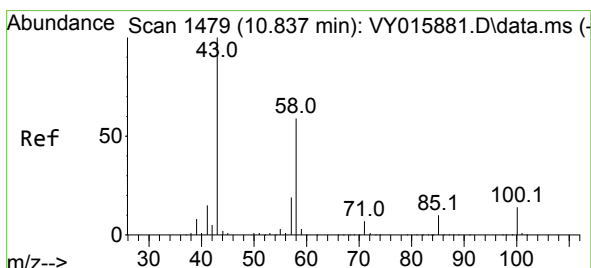
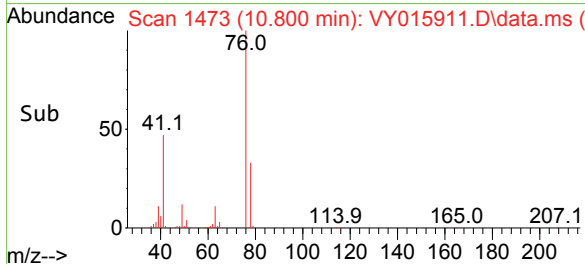
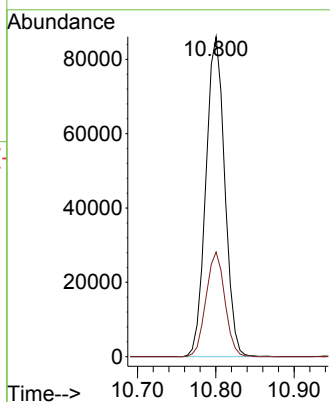
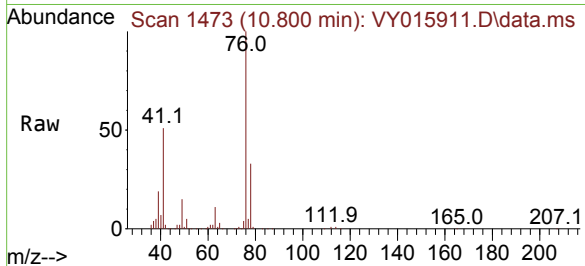




#57
1,3-Dichloropropane
Concen: 54.508 ug/l
RT: 10.800 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

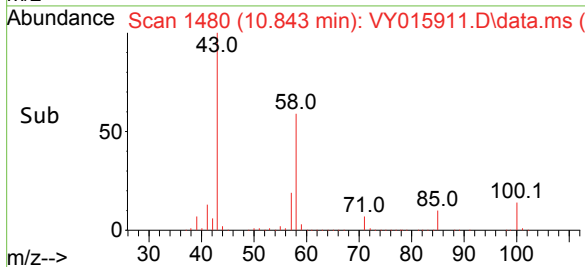
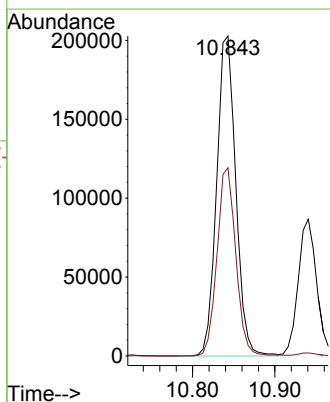
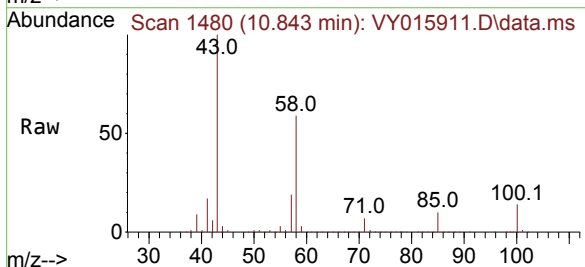
Instrument :
MSVOA_Y
ClientSampleId :

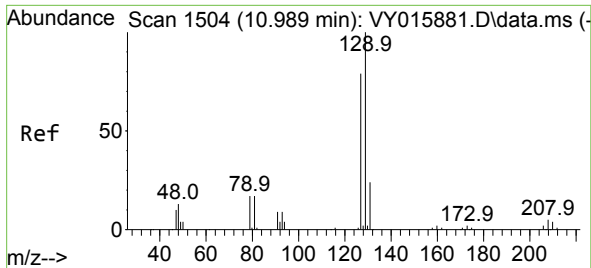
Tgt Ion: 76 Resp: 143798
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#59
2-Hexanone
Concen: 249.125 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 43 Resp: 327490
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3

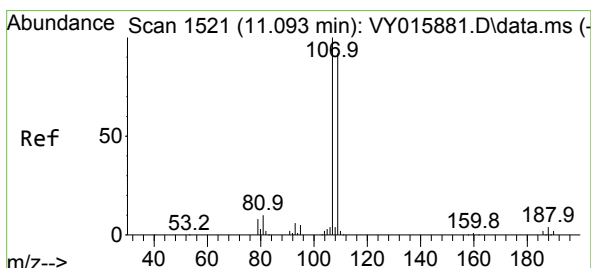
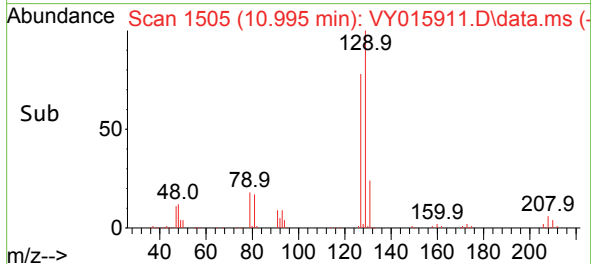
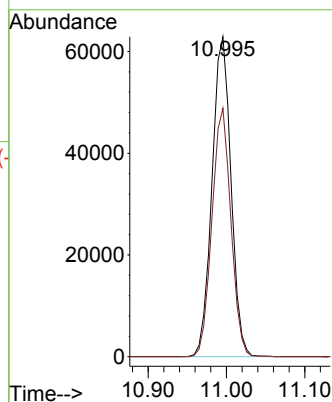
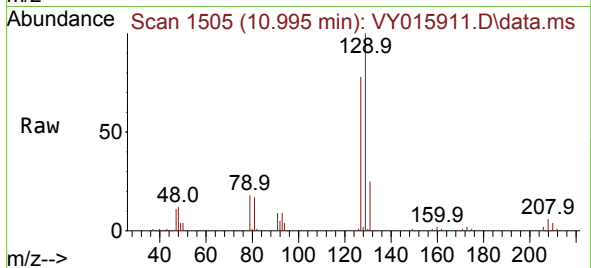




#60
Dibromochloromethane
Concen: 53.884 ug/l
RT: 10.995 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

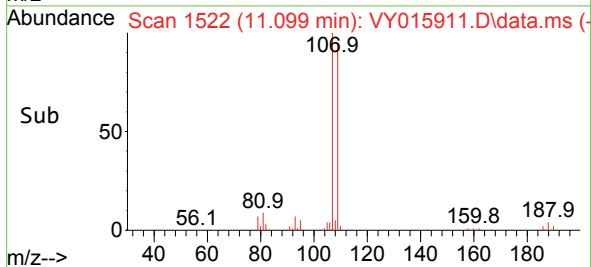
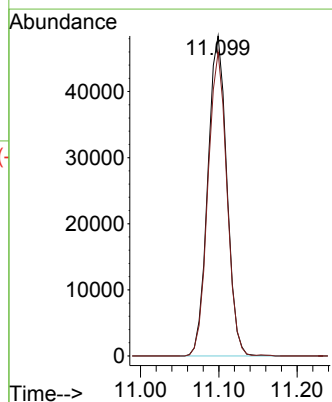
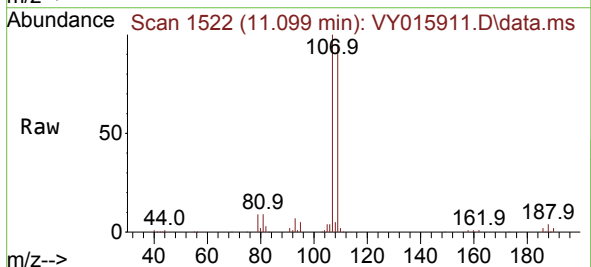
Instrument :
MSVOA_Y
ClientSampleId :

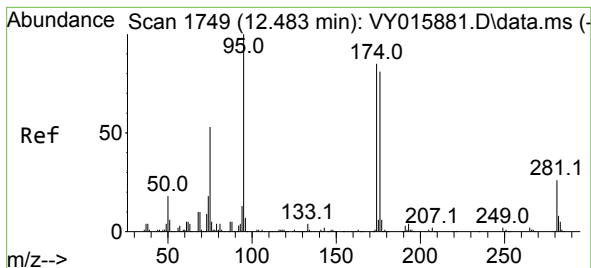
Tgt Ion:129 Resp: 105699
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5



#61
1,2-Dibromoethane
Concen: 54.524 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion:107 Resp: 81484
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

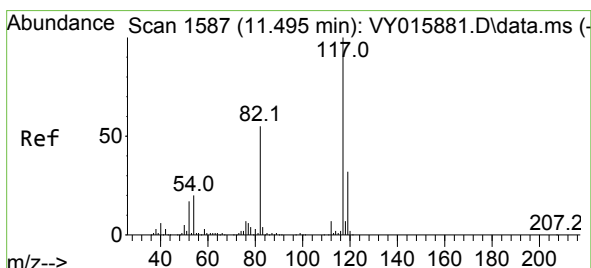
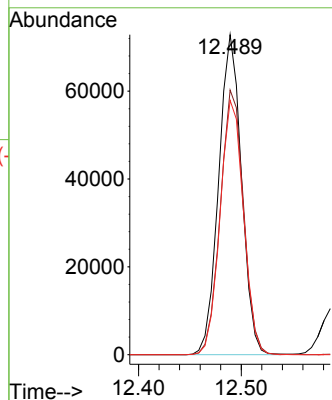
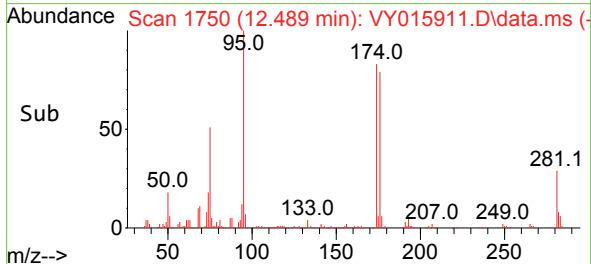
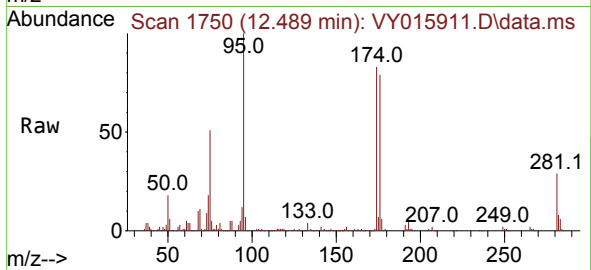




#62
4-Bromofluorobenzene
Concen: 50.707 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

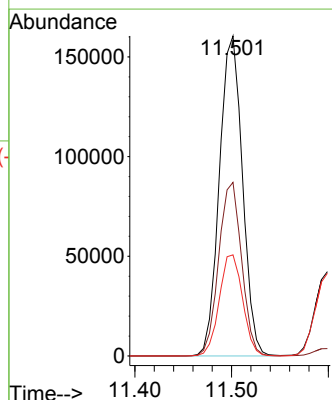
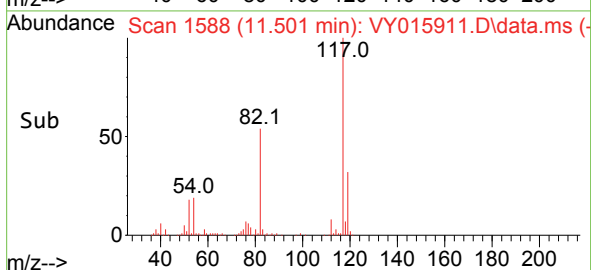
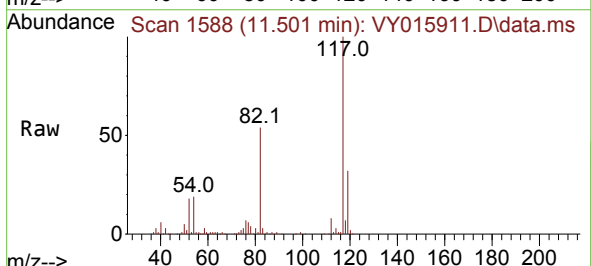
Instrument :
MSVOA_Y
ClientSampleId :

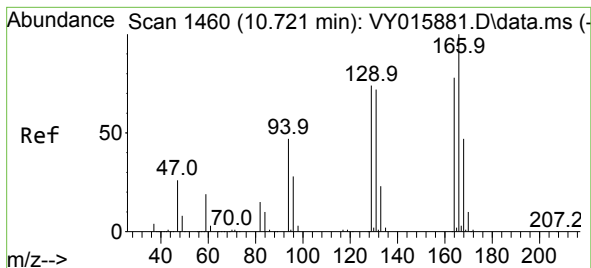
Tgt Ion: 95 Resp: 111964
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 117 Resp: 265544
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.6 26.3 39.5





#64

Tetrachloroethene

Concen: 56.412 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

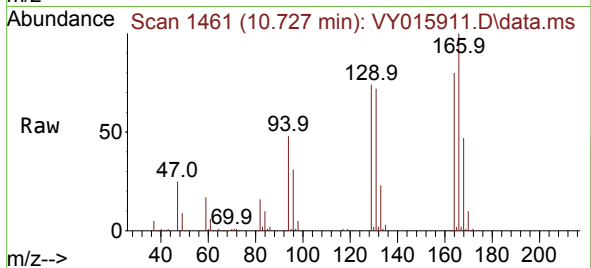
Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 97759

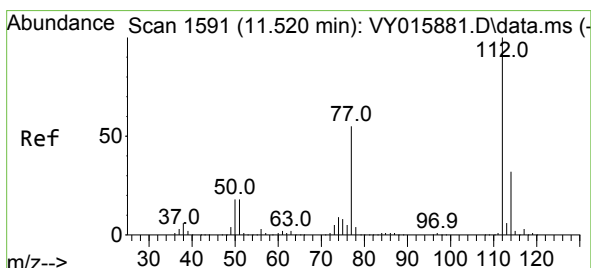
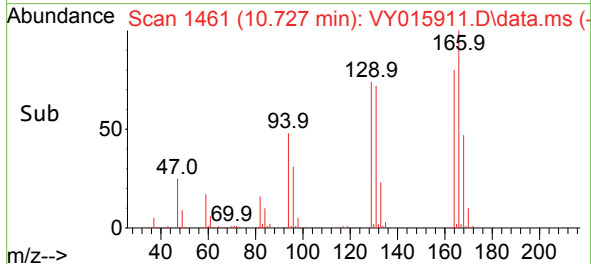
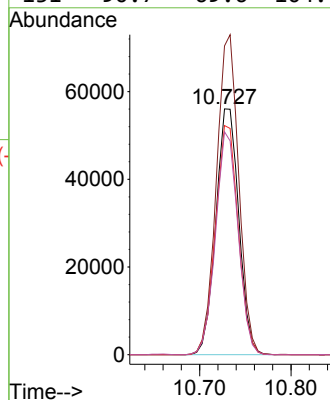
Ion Ratio Lower Upper

164 100

166 125.7 103.0 154.6

129 93.2 77.2 115.8

131 90.7 69.6 104.4



#65

Chlorobenzene

Concen: 53.849 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. 0.006 min

Lab File: VY015911.D

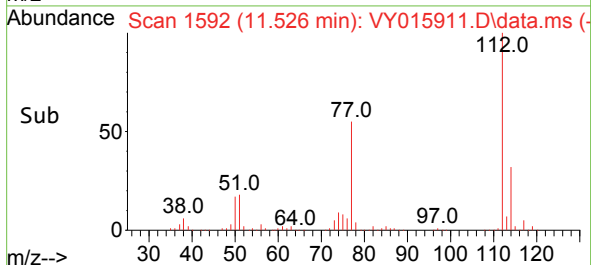
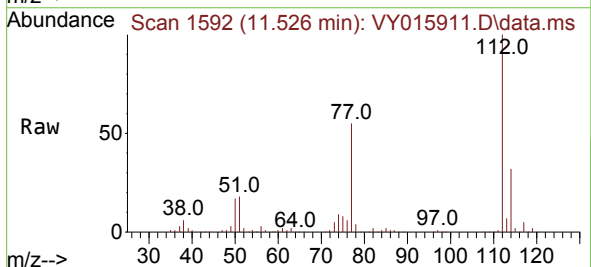
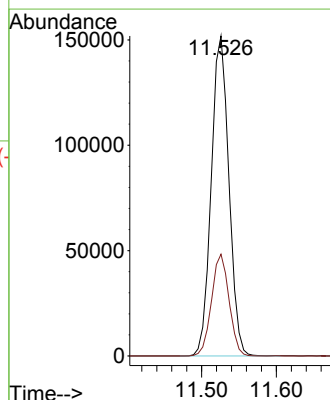
Acq: 10 Oct 2023 20:44

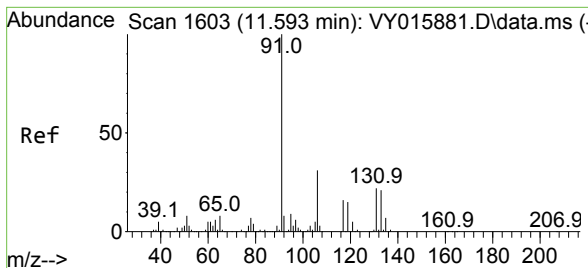
Tgt Ion:112 Resp: 249422

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3

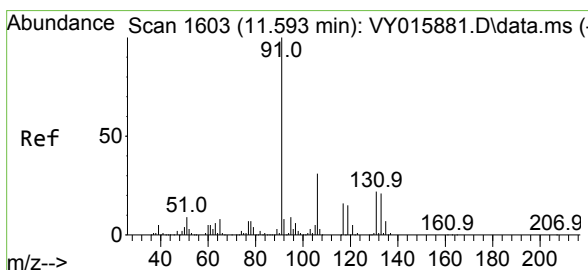
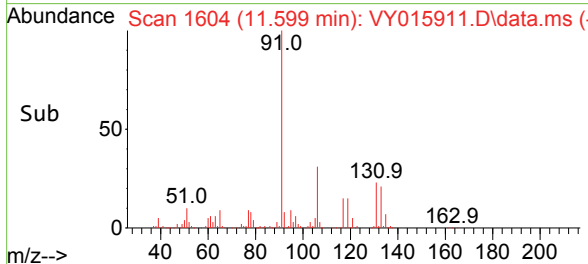
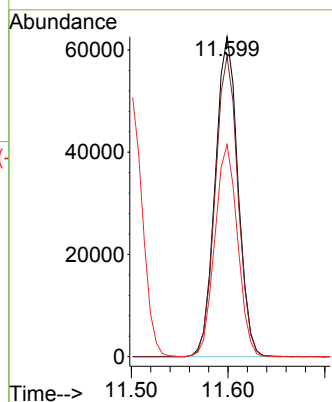
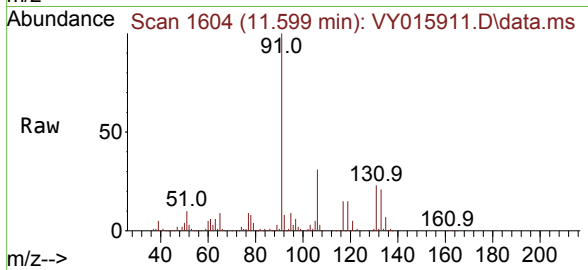




#66
1,1,1,2-Tetrachloroethane
Concen: 53.968 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

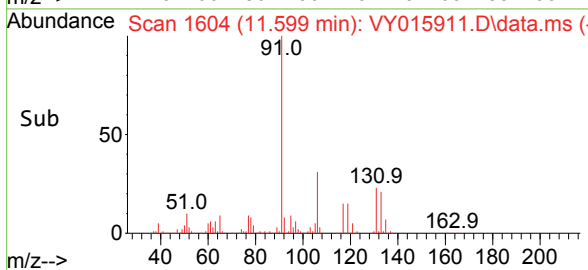
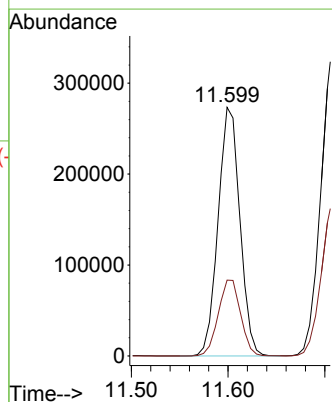
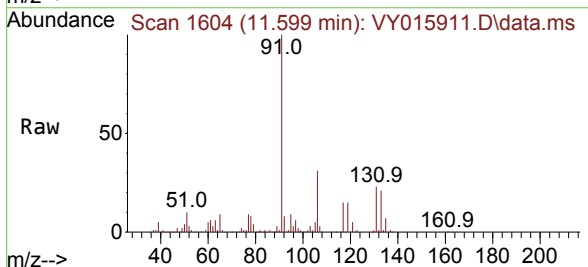
Instrument :
MSVOA_Y
ClientSampleId :

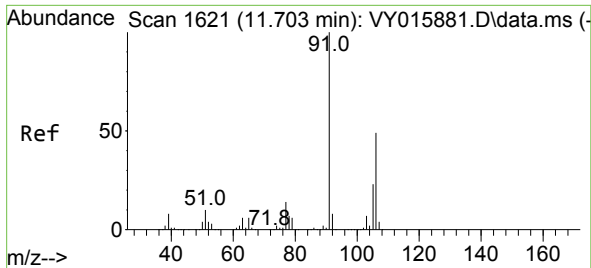
Tgt Ion:131 Resp: 102170
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 66.3 31.6 94.7



#67
Ethyl Benzene
Concen: 53.768 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion: 91 Resp: 427252
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

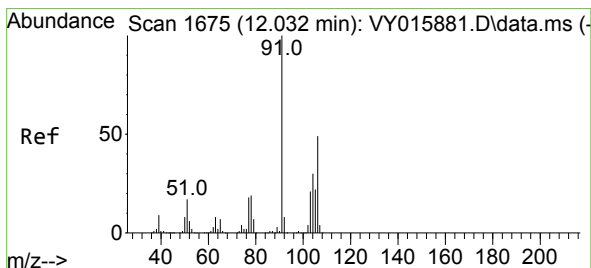
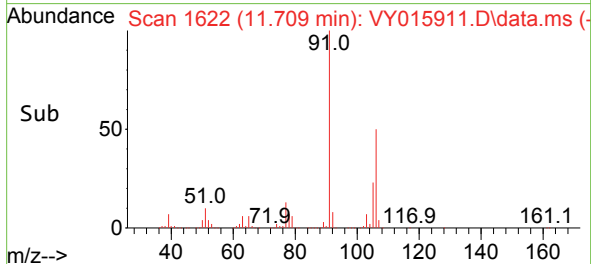
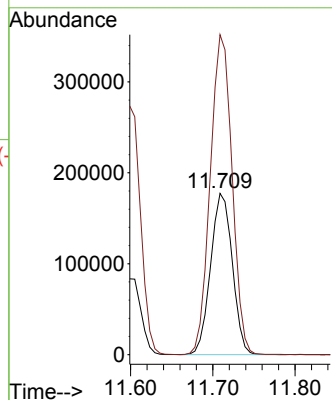
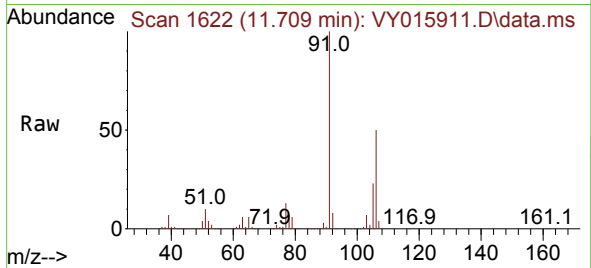




#68
m/p-Xylenes
Concen: 108.579 ug/l
RT: 11.709 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

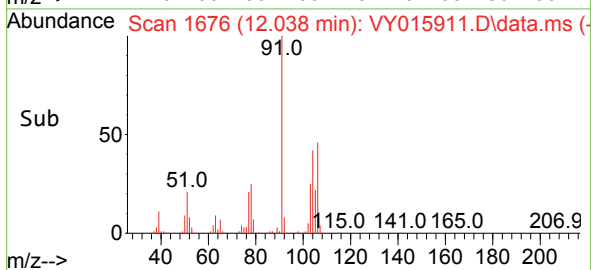
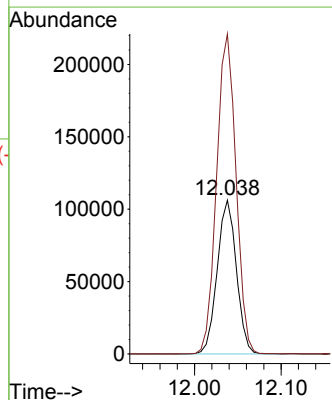
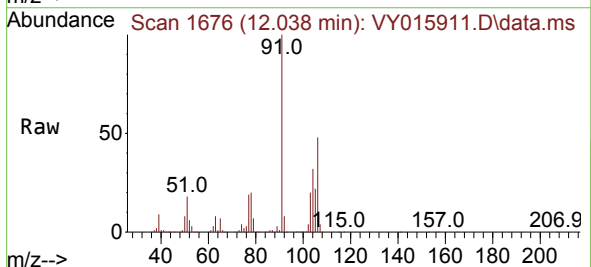
Instrument :
MSVOA_Y
ClientSampleId :

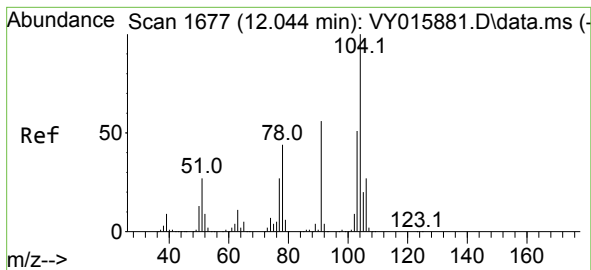
Tgt Ion:106 Resp: 325114
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1



#69
o-Xylene
Concen: 54.564 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY015911.D
Acq: 10 Oct 2023 20:44

Tgt Ion:106 Resp: 163468
Ion Ratio Lower Upper
106 100
91 210.8 108.1 324.3





#70

Styrene

Concen: 54.989 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

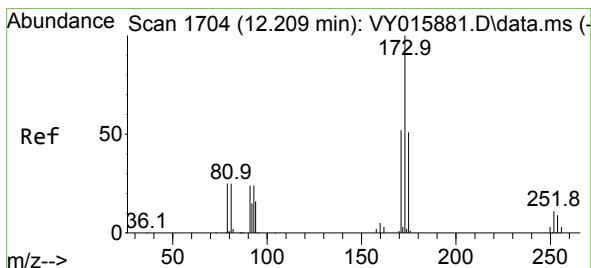
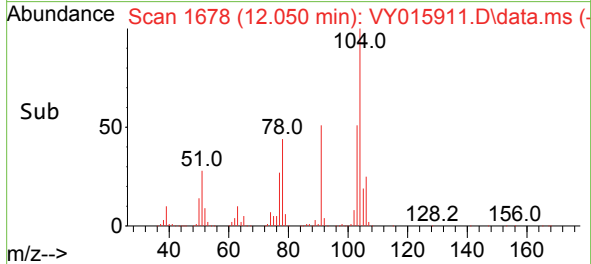
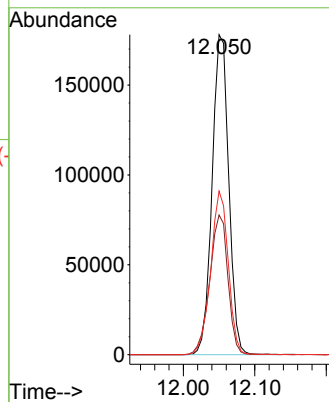
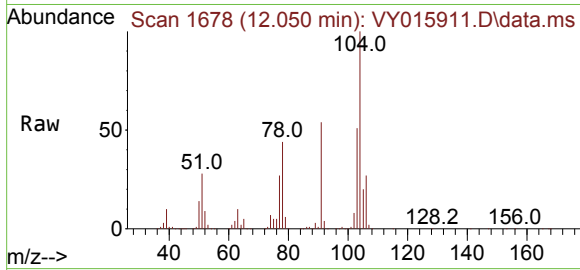
Tgt Ion:104 Resp: 287426

Ion Ratio Lower Upper

104 100

78 47.7 41.5 62.3

103 54.0 44.6 67.0



#71

Bromoform

Concen: 53.318 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

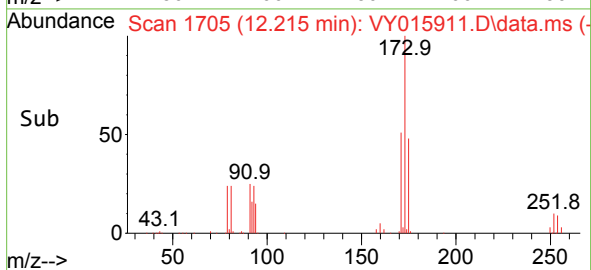
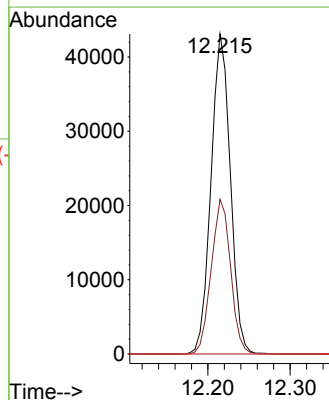
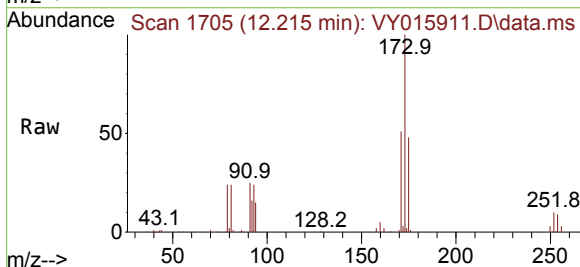
Tgt Ion:173 Resp: 70291

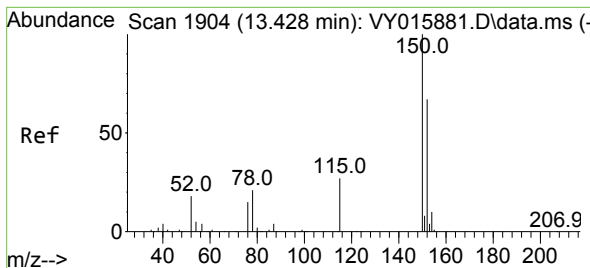
Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

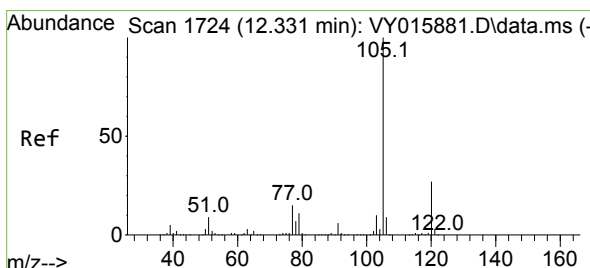
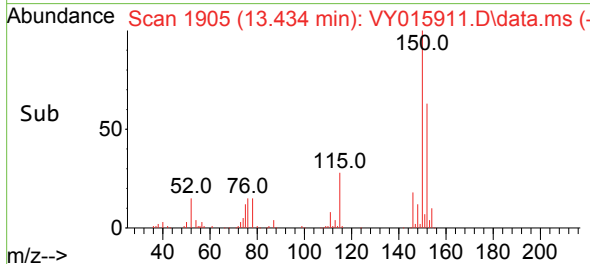
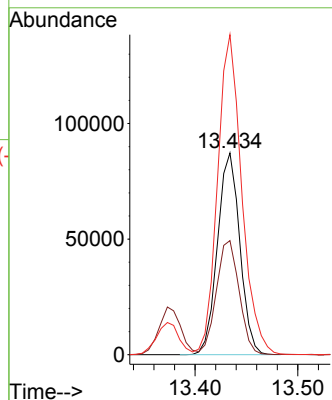
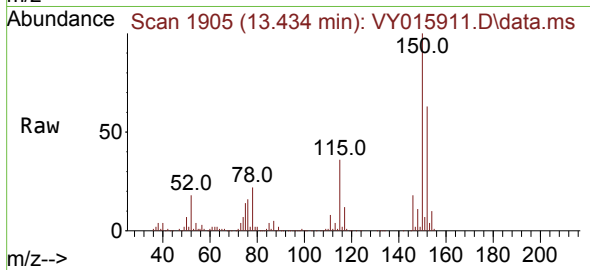
Tgt Ion:152 Resp: 131675

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 171.8 0.0 348.8



#73

Isopropylbenzene

Concen: 53.140 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY015911.D

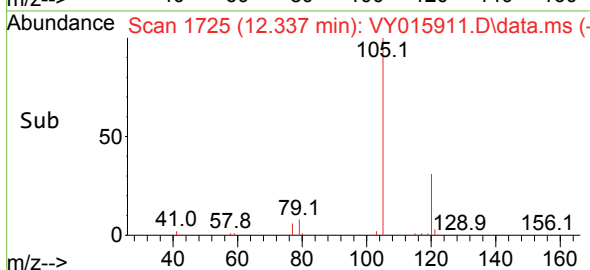
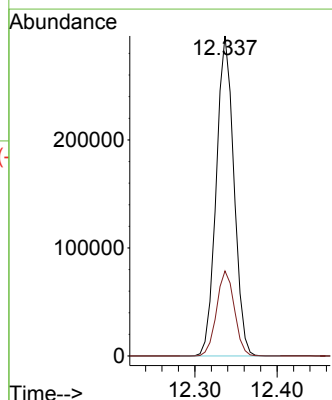
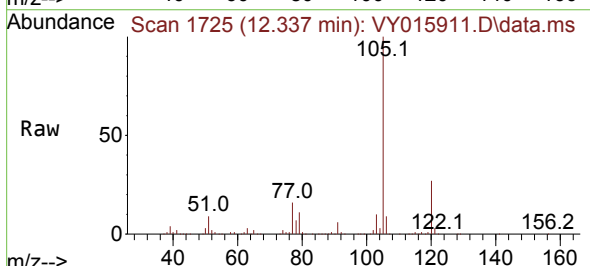
Acq: 10 Oct 2023 20:44

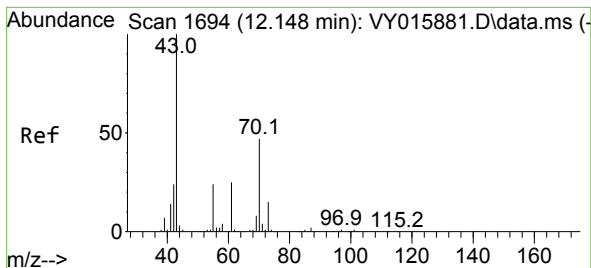
Tgt Ion:105 Resp: 441390

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9





#74

N-amy1 acetate

Concen: 53.037 ug/l

RT: 12.148 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 138832

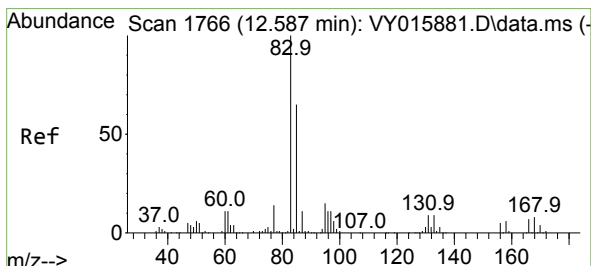
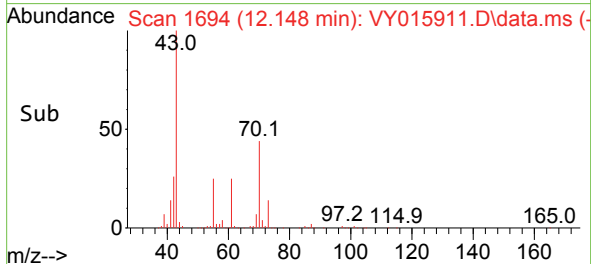
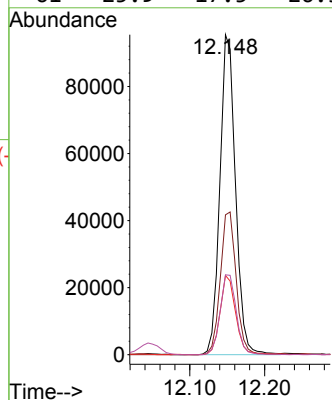
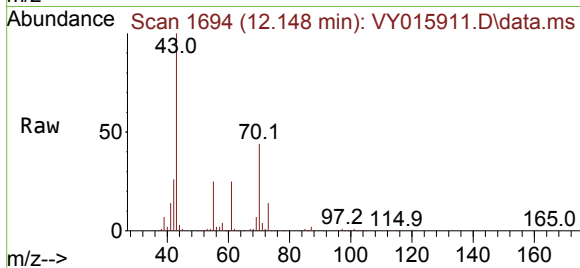
Ion Ratio Lower Upper

43 100

70 45.6 29.7 44.5#

55 25.0 18.3 27.5

61 25.9 17.5 26.3



#75

1,1,2,2-Tetrachloroethane

Concen: 51.568 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

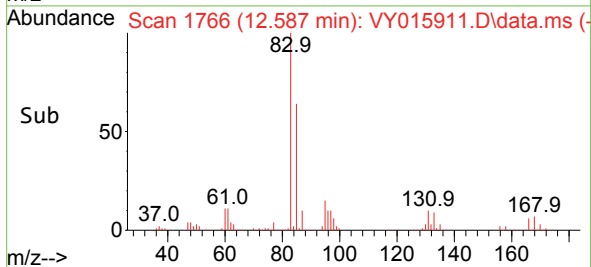
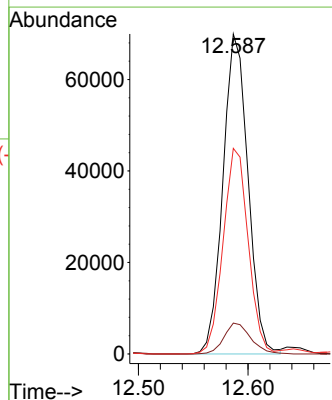
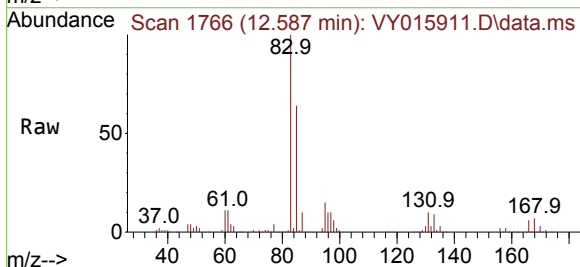
Tgt Ion: 83 Resp: 111067

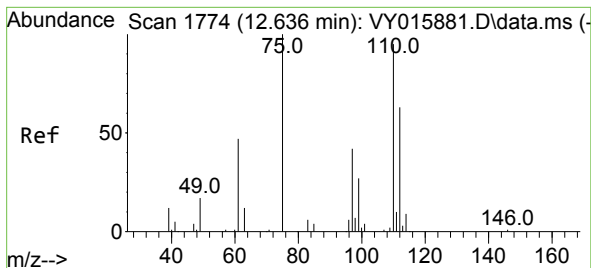
Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.6 31.8 95.4





#76

1,2,3-Trichloropropane

Concen: 91.760 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

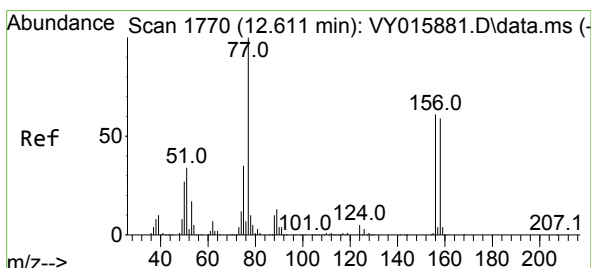
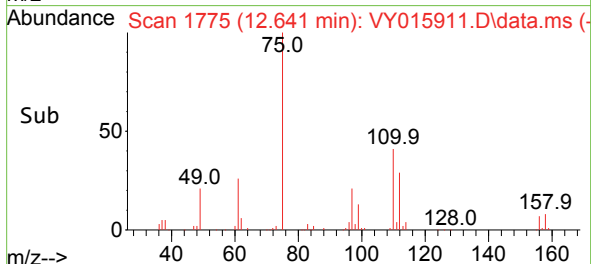
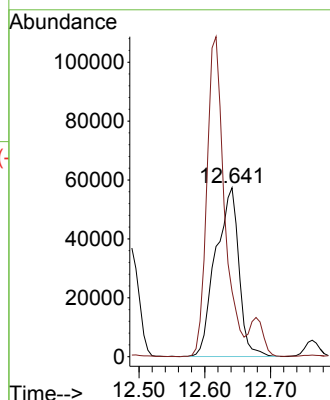
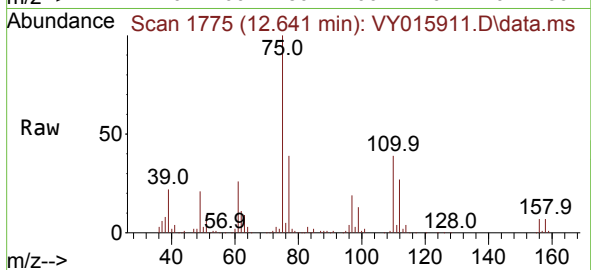
ClientSampleId :

Tgt Ion: 75 Resp: 141048

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 52.711 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

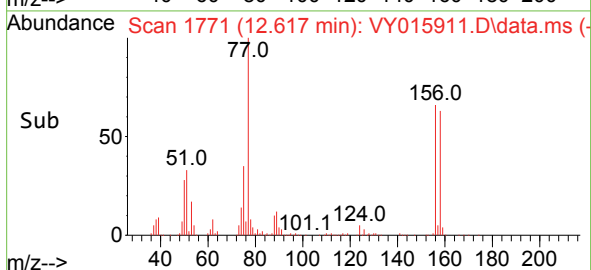
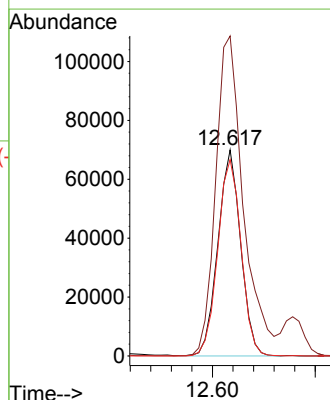
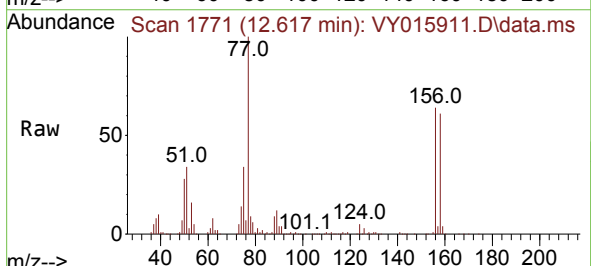
Tgt Ion: 156 Resp: 107357

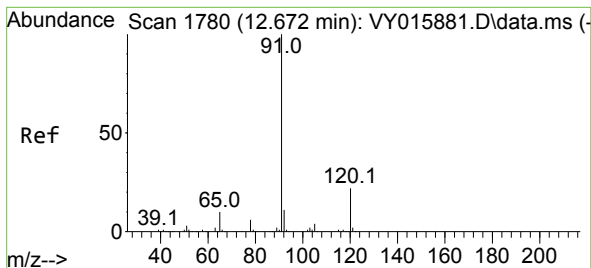
Ion Ratio Lower Upper

156 100

77 188.8 92.8 278.6

158 97.8 48.4 145.3





#78

n-propylbenzene

Concen: 52.541 ug/l

RT: 12.678 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

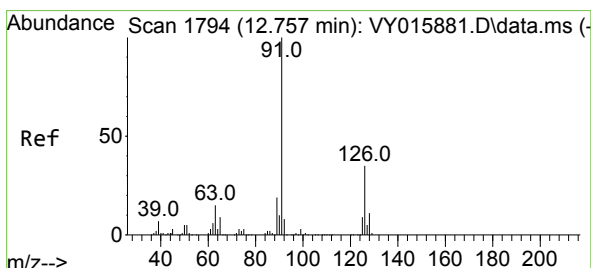
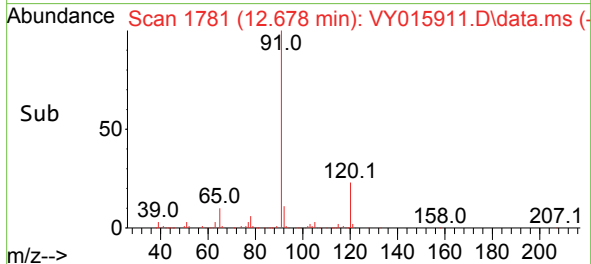
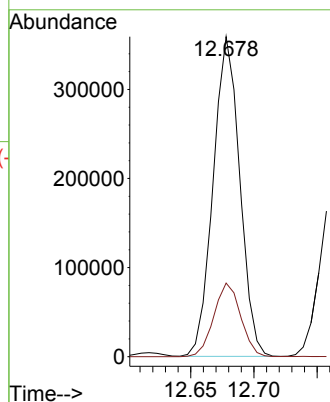
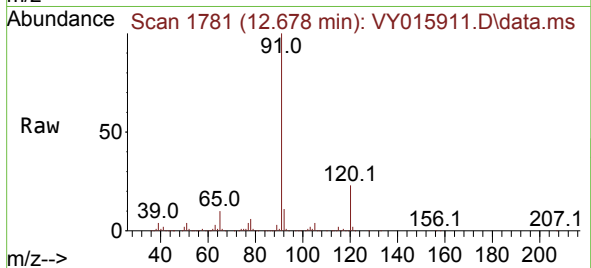
ClientSampleId :

Tgt Ion: 91 Resp: 524829

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 52.976 ug/l

RT: 12.763 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VY015911.D

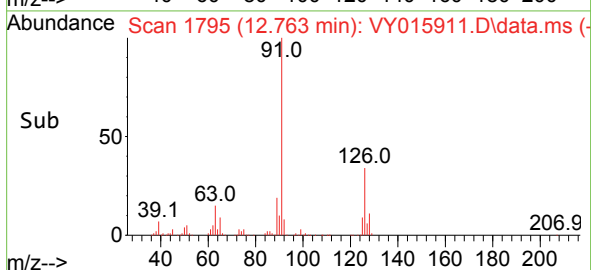
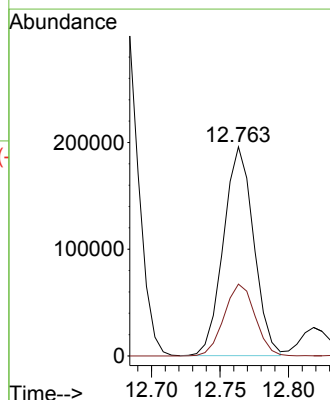
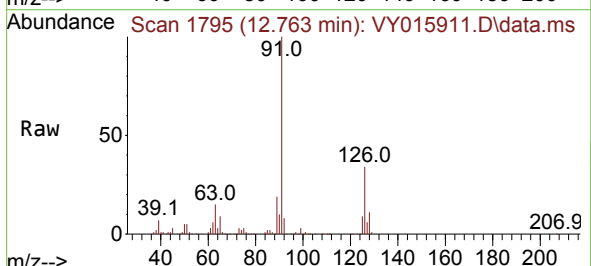
Acq: 10 Oct 2023 20:44

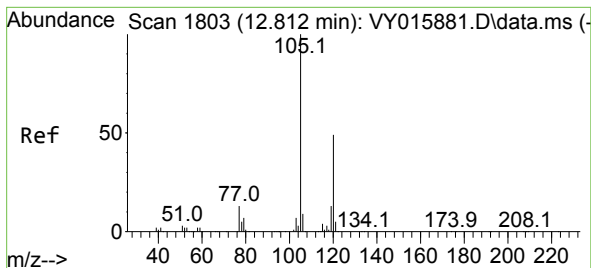
Tgt Ion: 91 Resp: 301427

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 53.345 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

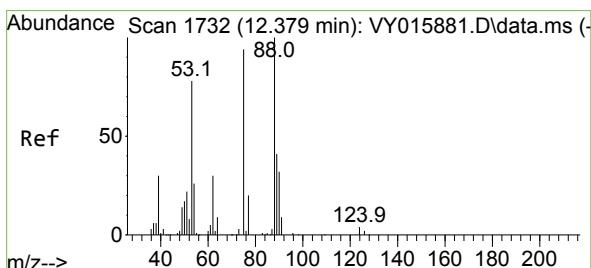
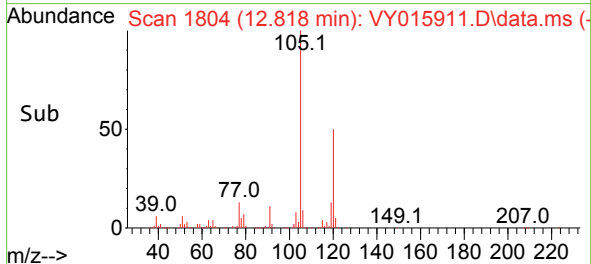
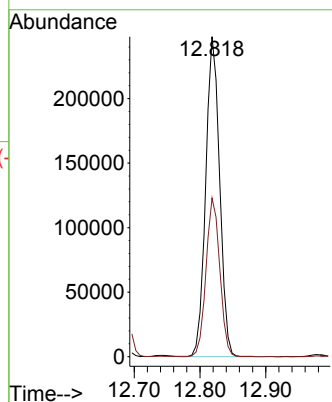
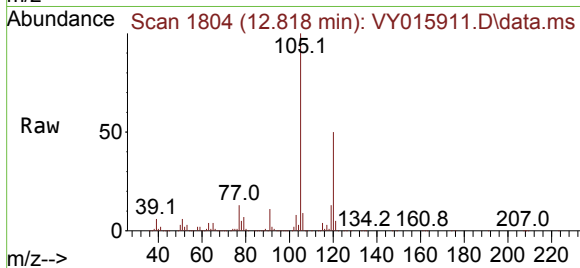
ClientSampleId :

Tgt Ion:105 Resp: 365197

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 51.948 ug/l

RT: 12.385 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

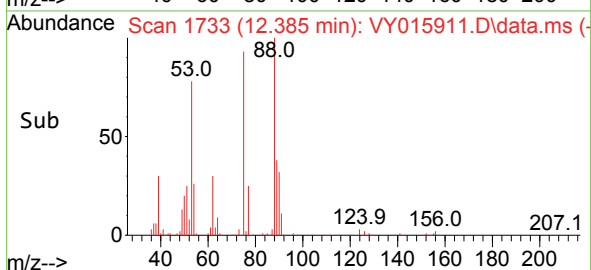
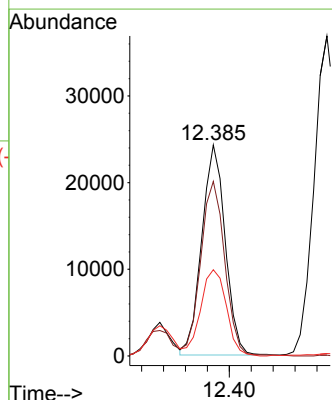
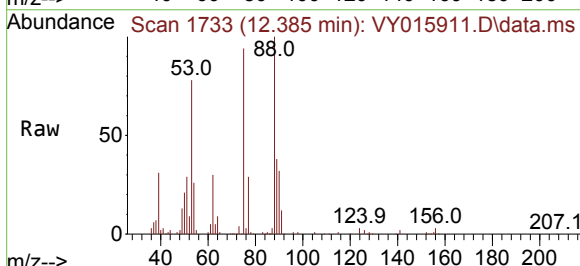
Tgt Ion: 75 Resp: 36010

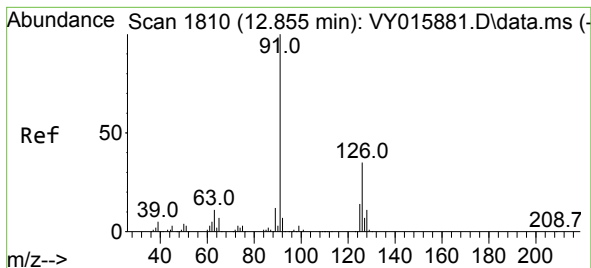
Ion Ratio Lower Upper

75 100

53 85.8 77.8 116.8

89 45.3 37.4 56.0





#82

4-Chlorotoluene

Concen: 52.509 ug/l

RT: 12.861 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

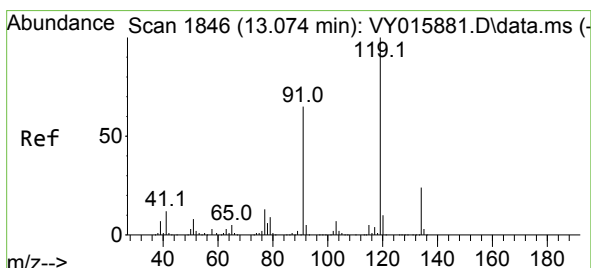
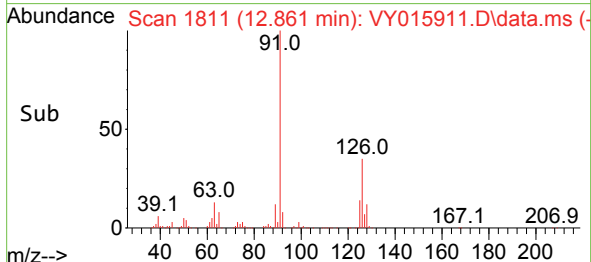
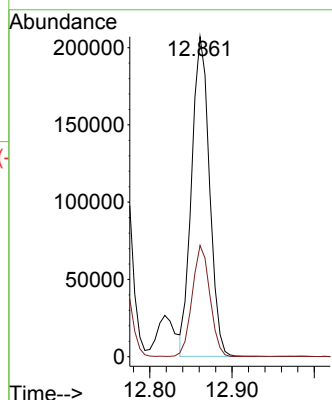
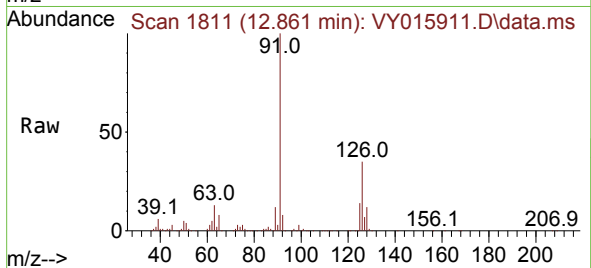
ClientSampleId :

Tgt Ion: 91 Resp: 311352

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#83

tert-Butylbenzene

Concen: 51.784 ug/l

RT: 13.080 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

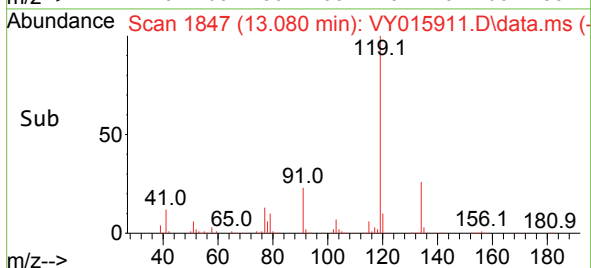
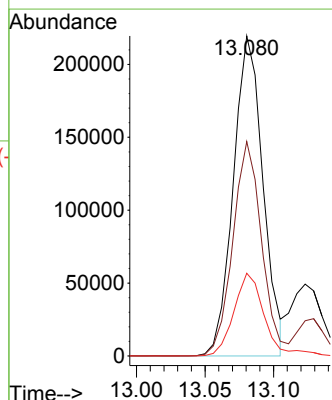
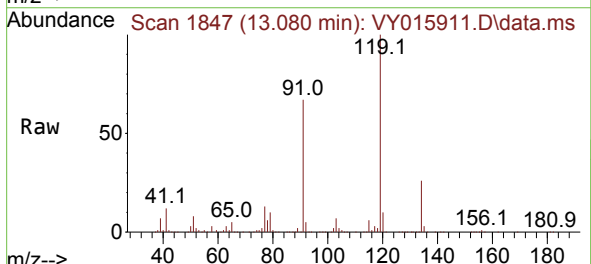
Tgt Ion: 119 Resp: 330847

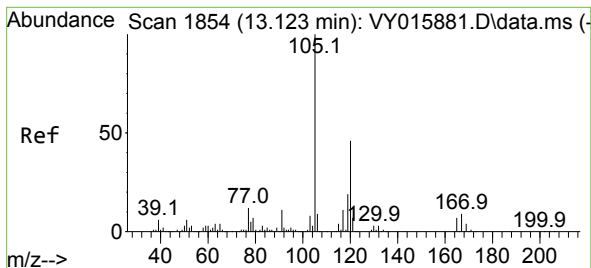
Ion Ratio Lower Upper

119 100

91 65.3 32.9 98.6

134 26.6 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 53.562 ug/l

RT: 13.129 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

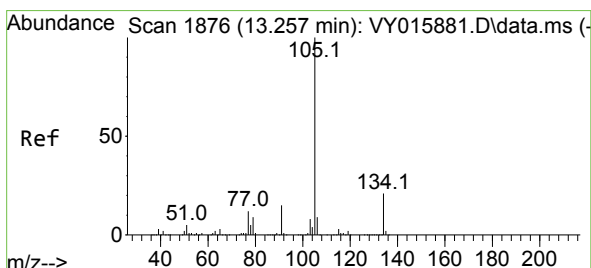
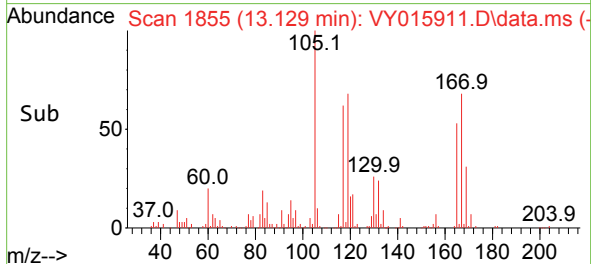
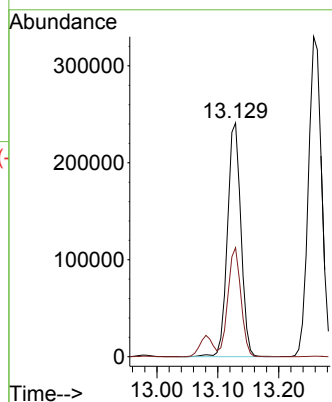
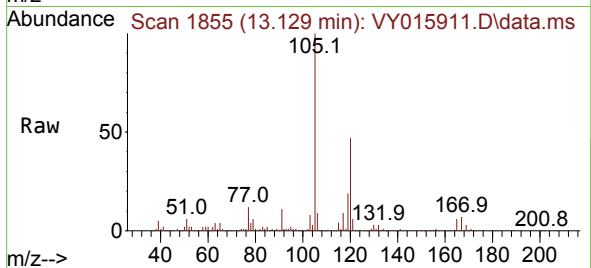
ClientSampleId :

Tgt Ion:105 Resp: 369256

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6



#85

sec-Butylbenzene

Concen: 52.942 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY015911.D

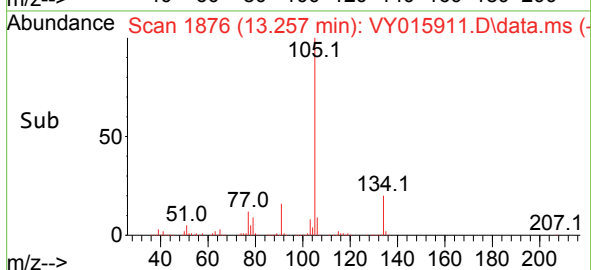
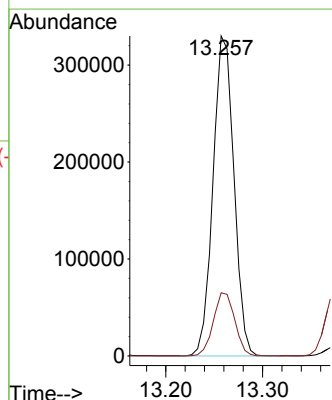
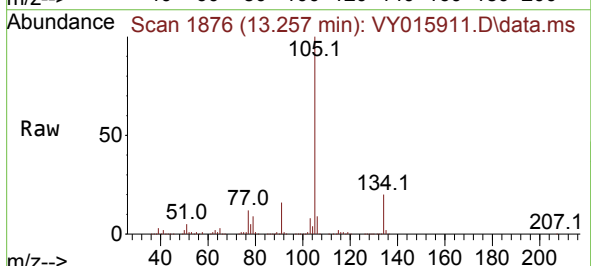
Acq: 10 Oct 2023 20:44

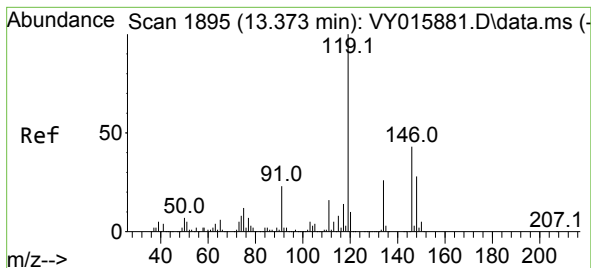
Tgt Ion:105 Resp: 496057

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6





#86

p-Isopropyltoluene

Concen: 52.311 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

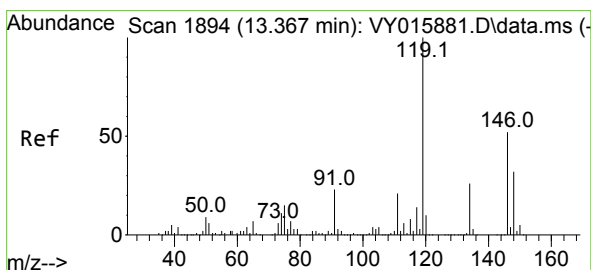
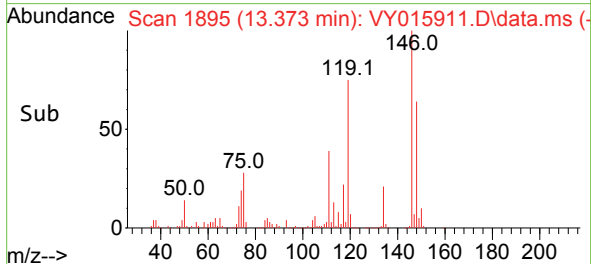
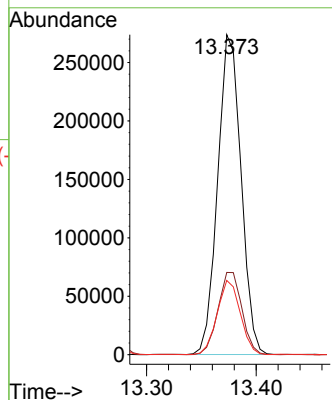
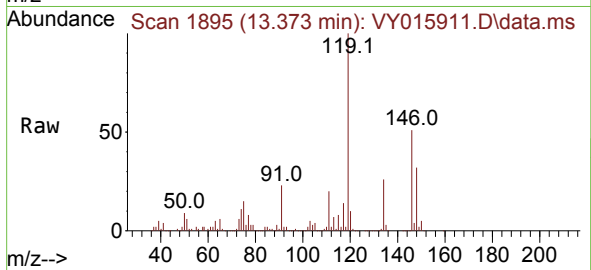
Tgt Ion:119 Resp: 405465

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.9 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 51.577 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

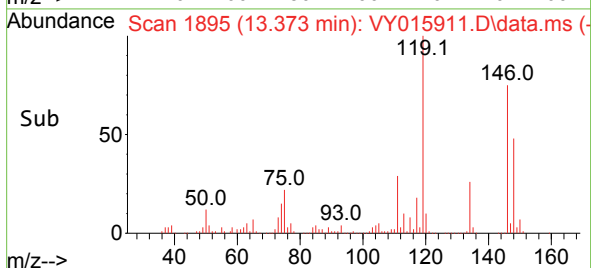
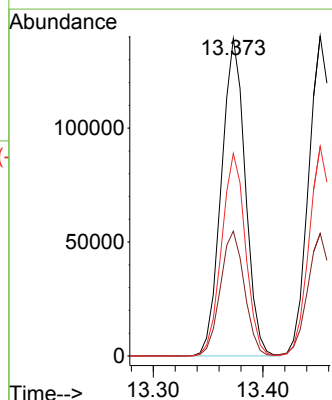
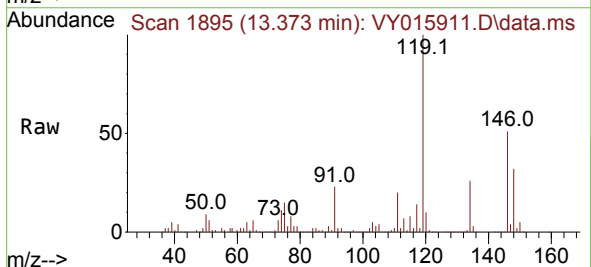
Tgt Ion:146 Resp: 211488

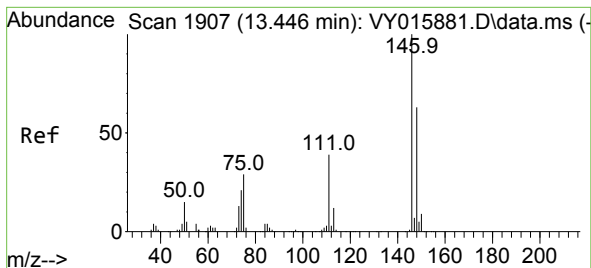
Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.5 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 51.577 ug/l

RT: 13.452 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

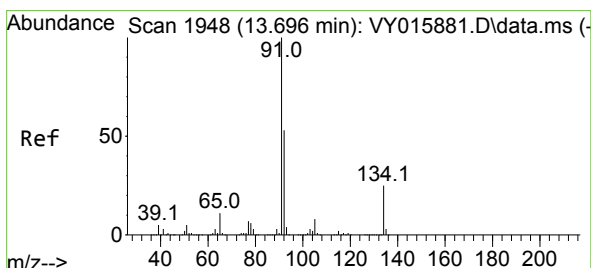
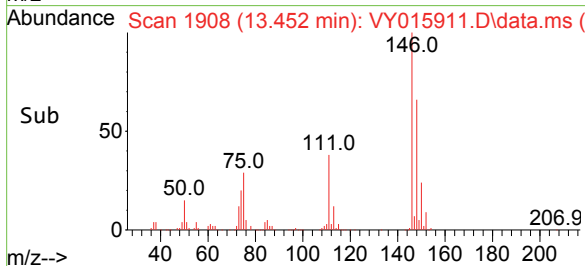
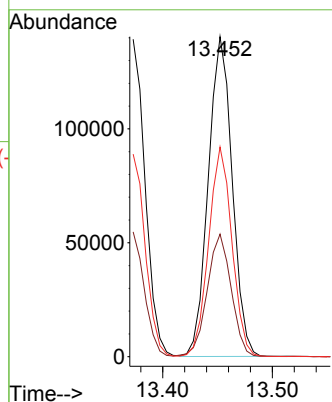
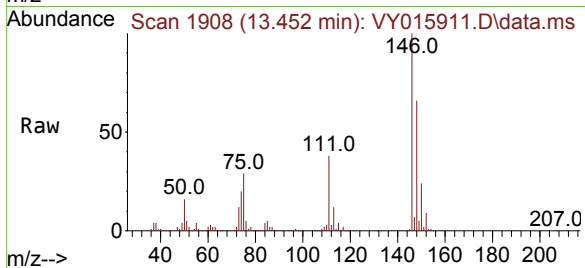
Tgt Ion:146 Resp: 212977

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 64.1 32.1 96.5



#89

n-Butylbenzene

Concen: 52.087 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

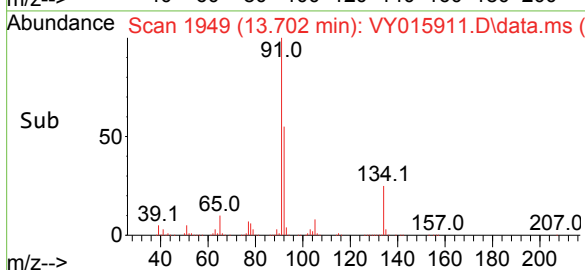
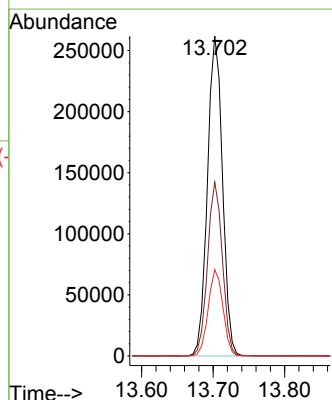
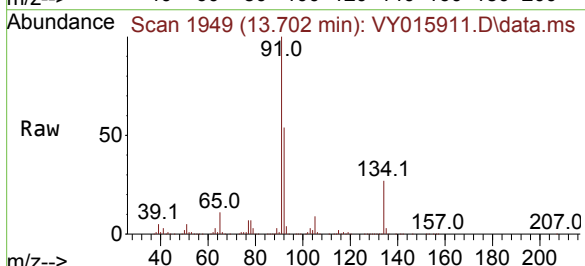
Tgt Ion: 91 Resp: 382056

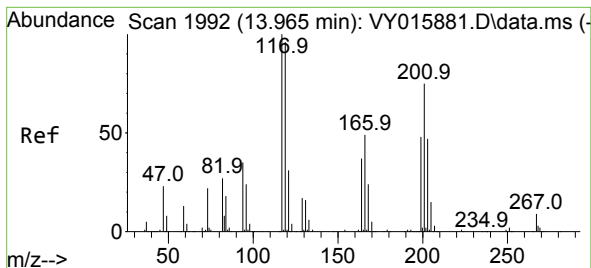
Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.5 12.6 37.6





#90

Hexachloroethane

Concen: 52.479 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

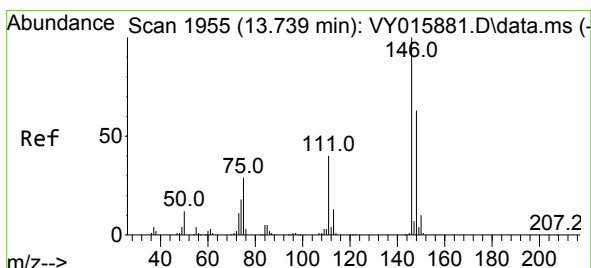
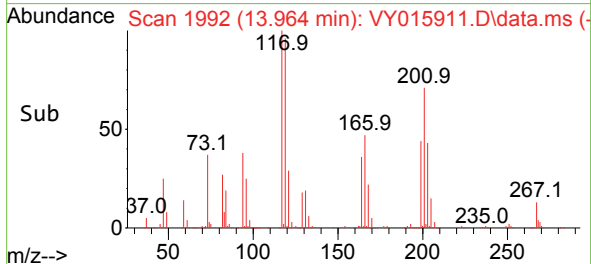
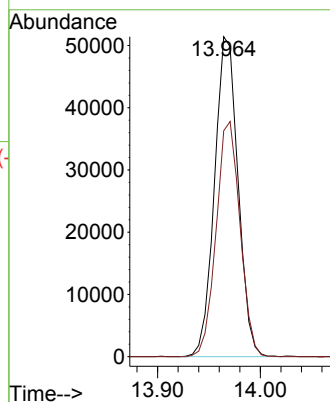
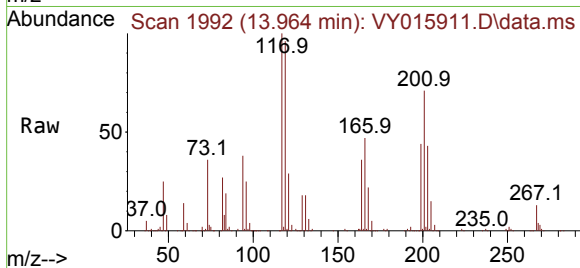
ClientSampleId :

Tgt Ion:117 Resp: 81633

Ion Ratio Lower Upper

117 100

201 74.7 41.6 124.8



#91

1,2-Dichlorobenzene

Concen: 52.349 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

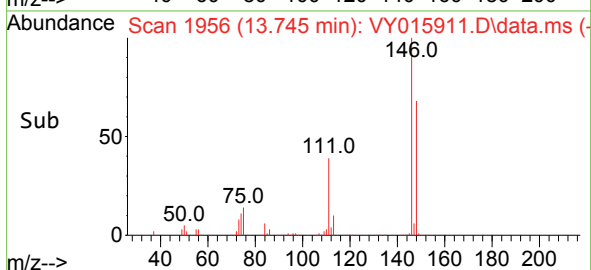
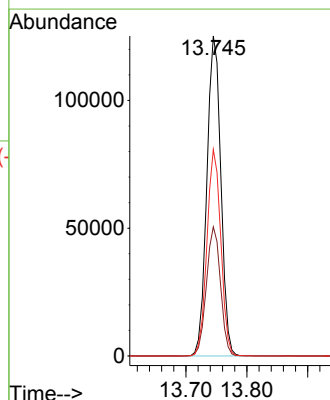
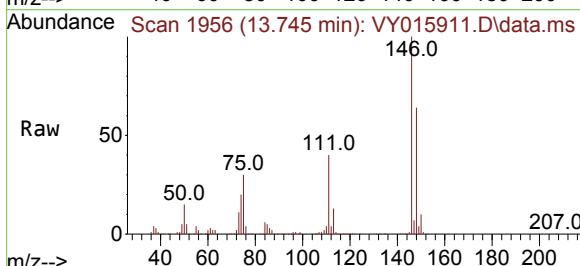
Tgt Ion:146 Resp: 199527

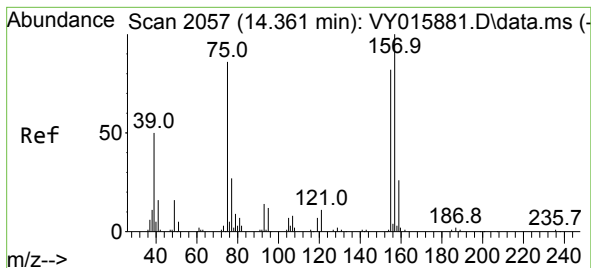
Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.0

148 63.9 32.0 96.2

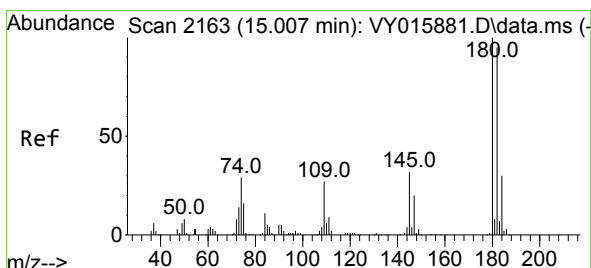
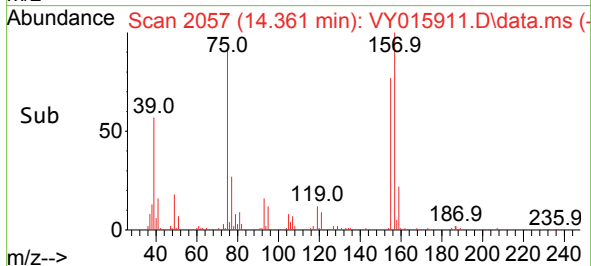
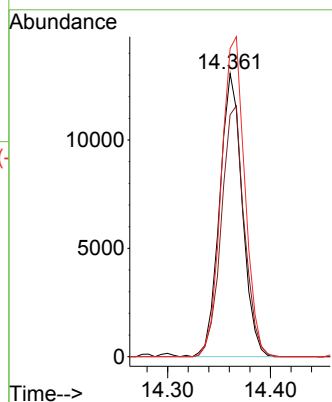
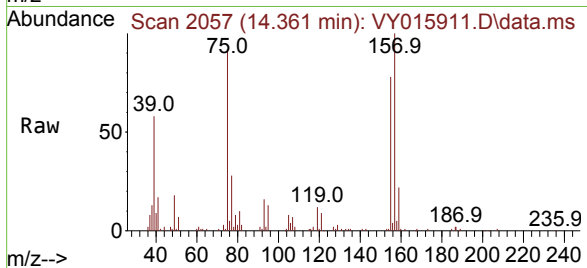




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.739 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VY015911.D
 Acq: 10 Oct 2023 20:44

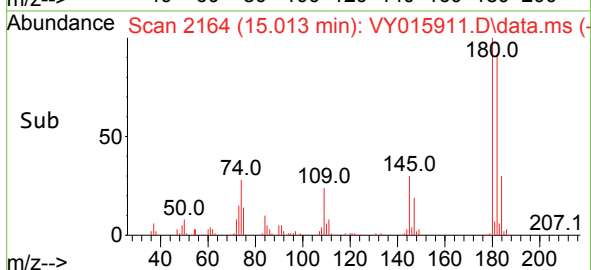
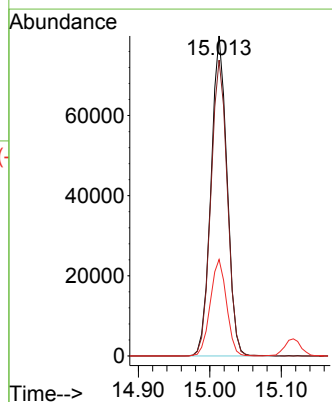
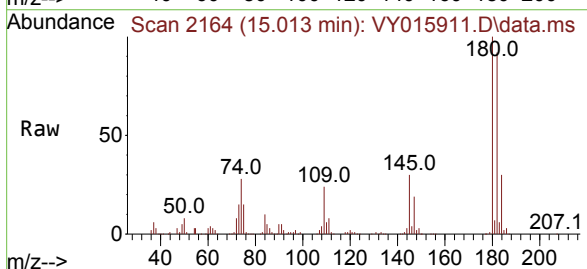
Instrument :
 MSVOA_Y
 ClientSampleId :

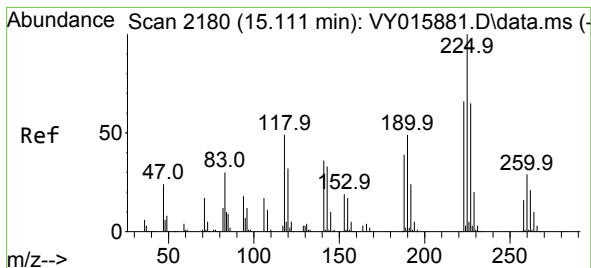
Tgt Ion: 75 Resp: 19948
 Ion Ratio Lower Upper
 75 100
 155 90.3 41.5 124.6
 157 117.1 51.8 155.5



#93
 1,2,4-Trichlorobenzene
 Concen: 50.866 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.006 min
 Lab File: VY015911.D
 Acq: 10 Oct 2023 20:44

Tgt Ion:180 Resp: 124253
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.0 141.2
 145 30.5 14.5 43.5





#94

Hexachlorobutadiene

Concen: 50.773 ug/l

RT: 15.117 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

Instrument :

MSVOA_Y

ClientSampleId :

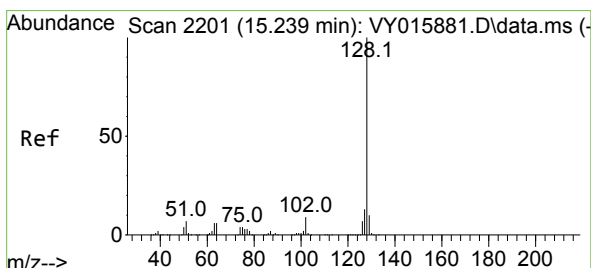
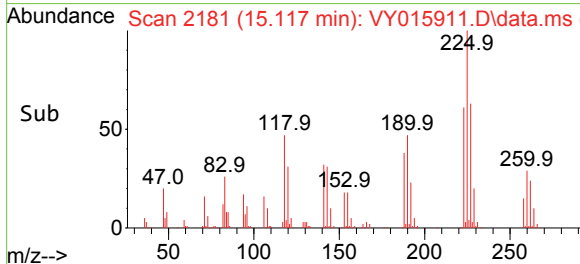
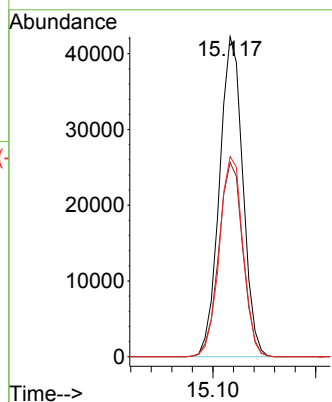
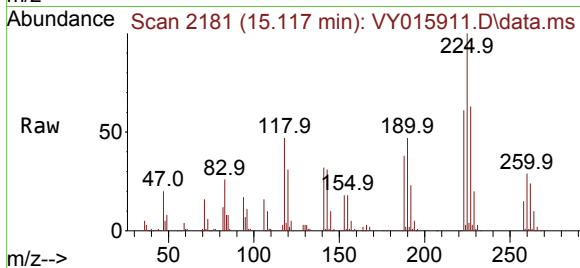
Tgt Ion:225 Resp: 66415

Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 63.3 33.0 98.9



#95

Naphthalene

Concen: 54.127 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY015911.D

Acq: 10 Oct 2023 20:44

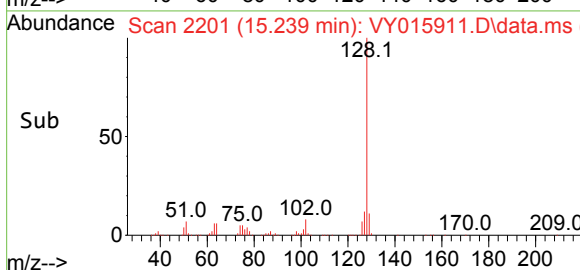
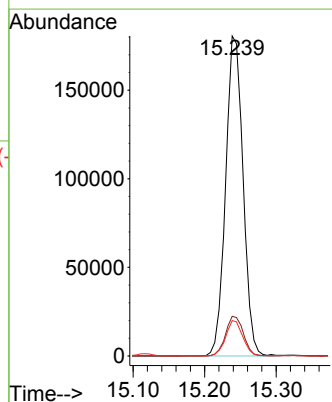
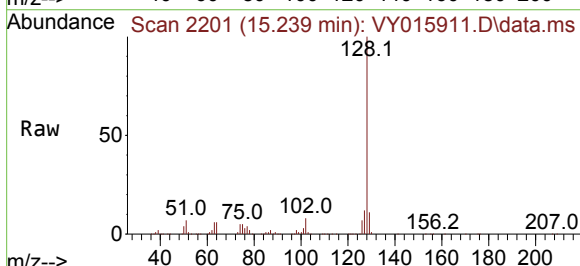
Tgt Ion:128 Resp: 305876

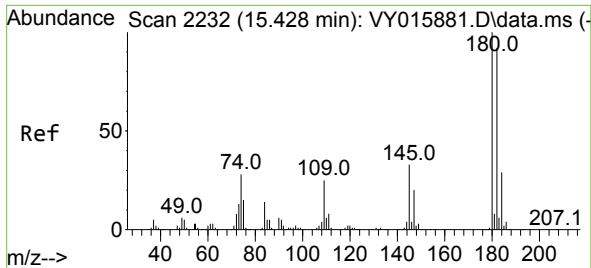
Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

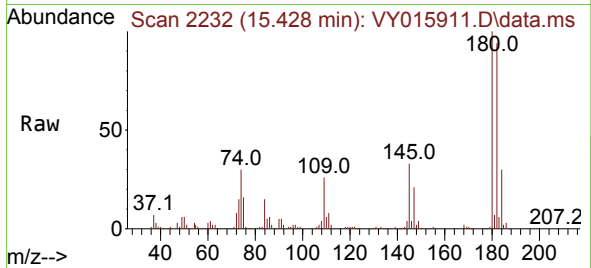
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 51.896 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY015911.D
 Acq: 10 Oct 2023 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 112767
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 141.8
 145 32.4 15.4 46.2

