

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015881.D
 Acq On : 09 Oct 2023 14:45
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:40:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 05:24:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	201853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	298089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88894	48.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.722	113	90929	49.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.185	98	302911	49.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.483	95	117461	47.416	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42930	53.172	ug/l	95
3) Chloromethane	2.119	50	46854	56.735	ug/l	99
4) Vinyl Chloride	2.253	62	60204	57.159	ug/l	95
5) Bromomethane	2.650	94	47705	55.236	ug/l	95
6) Chloroethane	2.796	64	46082	55.717	ug/l	96
7) Trichlorofluoromethane	3.125	101	118963	53.229	ug/l	99
8) Diethyl Ether	3.534	74	51033	53.974	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.905	101	81181	53.523	ug/l	93
10) Methyl Iodide	4.094	142	80051	52.394	ug/l	96
11) Tert butyl alcohol	4.966	59	87742	208.719	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	64931	55.655	ug/l	92
13) Acrolein	3.735	56	29034	261.546	ug/l	99
14) Allyl chloride	4.485	41	119499	55.554	ug/l	91
15) Acrylonitrile	5.167	53	173159	266.325	ug/l	97
16) Acetone	3.954	43	178577	222.050	ug/l	90
17) Carbon Disulfide	4.198	76	96153	54.856	ug/l	97
18) Methyl Acetate	4.485	43	139206	56.536	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	282365	53.409	ug/l	99
20) Methylene Chloride	4.722	84	99520	53.358	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	75989	56.131	ug/l	95
22) Diisopropyl ether	6.125	45	308269	53.579	ug/l	93
23) Vinyl Acetate	6.064	43	861053	272.162	ug/l #	95
24) 1,1-Dichloroethane	6.027	63	168639	53.210	ug/l	96
25) 2-Butanone	6.990	43	252479	253.408	ug/l	96
26) 2,2-Dichloropropane	6.990	77	152056	51.590	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	107233	53.668	ug/l	94
28) Bromochloromethane	7.338	49	89537	49.019	ug/l	93
29) Tetrahydrofuran	7.356	42	148721	272.858	ug/l	92
30) Chloroform	7.515	83	185013	52.337	ug/l	97
31) Cyclohexane	7.789	56	99244	51.019	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	153037	53.010	ug/l	98
36) 1,1-Dichloropropene	7.923	75	112873	55.072	ug/l	100
37) Ethyl Acetate	7.082	43	94995	53.968	ug/l #	95
38) Carbon Tetrachloride	7.905	117	130719	53.108	ug/l	97
39) Methylcyclohexane	9.191	83	116157	55.795	ug/l	93
40) Benzene	8.167	78	350188	54.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	134746	123.159	ug/l	# 17
42) 1,2-Dichloroethane	8.240	62	118687	54.057	ug/l	93
43) Isopropyl Acetate	8.277	43	175712	53.928	ug/l	94
44) Trichloroethene	8.947	130	101332	54.368	ug/l	100
45) 1,2-Dichloropropane	9.222	63	102192	52.748	ug/l	96
46) Dibromomethane	9.307	93	62087	53.853	ug/l	97
47) Bromodichloromethane	9.502	83	151109	52.700	ug/l	98
48) Methyl methacrylate	9.295	41	80914	56.232	ug/l	88
49) 1,4-Dioxane	9.301	88	21949	1095.186	ug/l	# 62
51) 4-Methyl-2-Pentanone	10.075	43	525613	269.628	ug/l	91
52) Toluene	10.246	92	229430	53.662	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	155448	53.626	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	169709	53.897	ug/l	# 88
55) 1,1,2-Trichloroethane	10.648	97	96832	52.748	ug/l	98
56) Ethyl methacrylate	10.514	69	137061	54.995	ug/l	# 86
57) 1,3-Dichloropropane	10.794	76	157578	53.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	387160	254.868	ug/l	94
59) 2-Hexanone	10.837	43	387695	262.876	ug/l	89
60) Dibromochloromethane	10.989	129	115821	52.628	ug/l	100
61) 1,2-Dibromoethane	11.093	107	90089	53.732	ug/l	98
64) Tetrachloroethene	10.721	164	102205	52.538	ug/l	98
65) Chlorobenzene	11.520	112	270744	52.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	110935	52.200	ug/l	98
67) Ethyl Benzene	11.593	91	471785	52.890	ug/l	100
68) m/p-Xylenes	11.703	106	356195	105.972	ug/l	96
69) o-Xylene	12.032	106	180251	53.598	ug/l	97
70) Styrene	12.044	104	316880	54.005	ug/l	96
71) Bromoform	12.209	173	78279	52.895	ug/l	# 100
73) Isopropylbenzene	12.331	105	490535	51.233	ug/l	100
74) N-amyl acetate	12.148	43	161590	53.553	ug/l	# 91
75) 1,1,2,2-Tetrachloroethane	12.587	83	126208	50.835	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	161357	88.364	ug/l	# 100
77) Bromobenzene	12.611	156	119708	50.989	ug/l	98
78) n-propylbenzene	12.672	91	592623	51.469	ug/l	100
79) 2-Chlorotoluene	12.757	91	338887	51.669	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	409001	51.829	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	42749	53.500	ug/l	91
82) 4-Chlorotoluene	12.855	91	347482	50.839	ug/l	99
83) tert-Butylbenzene	13.074	119	384625	52.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	412421	51.898	ug/l	98
85) sec-Butylbenzene	13.257	105	558402	51.701	ug/l	100
86) p-Isopropyltoluene	13.373	119	466829	52.249	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	238915	50.546	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	240862	50.602	ug/l	99
89) n-Butylbenzene	13.696	91	440083	52.050	ug/l	96
90) Hexachloroethane	13.965	117	91716	51.150	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	224687	51.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22821	52.342	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	144910	51.463	ug/l	99
94) Hexachlorobutadiene	15.111	225	76444	50.698	ug/l	98
95) Naphthalene	15.239	128	343292	52.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	128542	51.319	ug/l	99

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QLast Update : Tue Oct 10 05:24:20 2023
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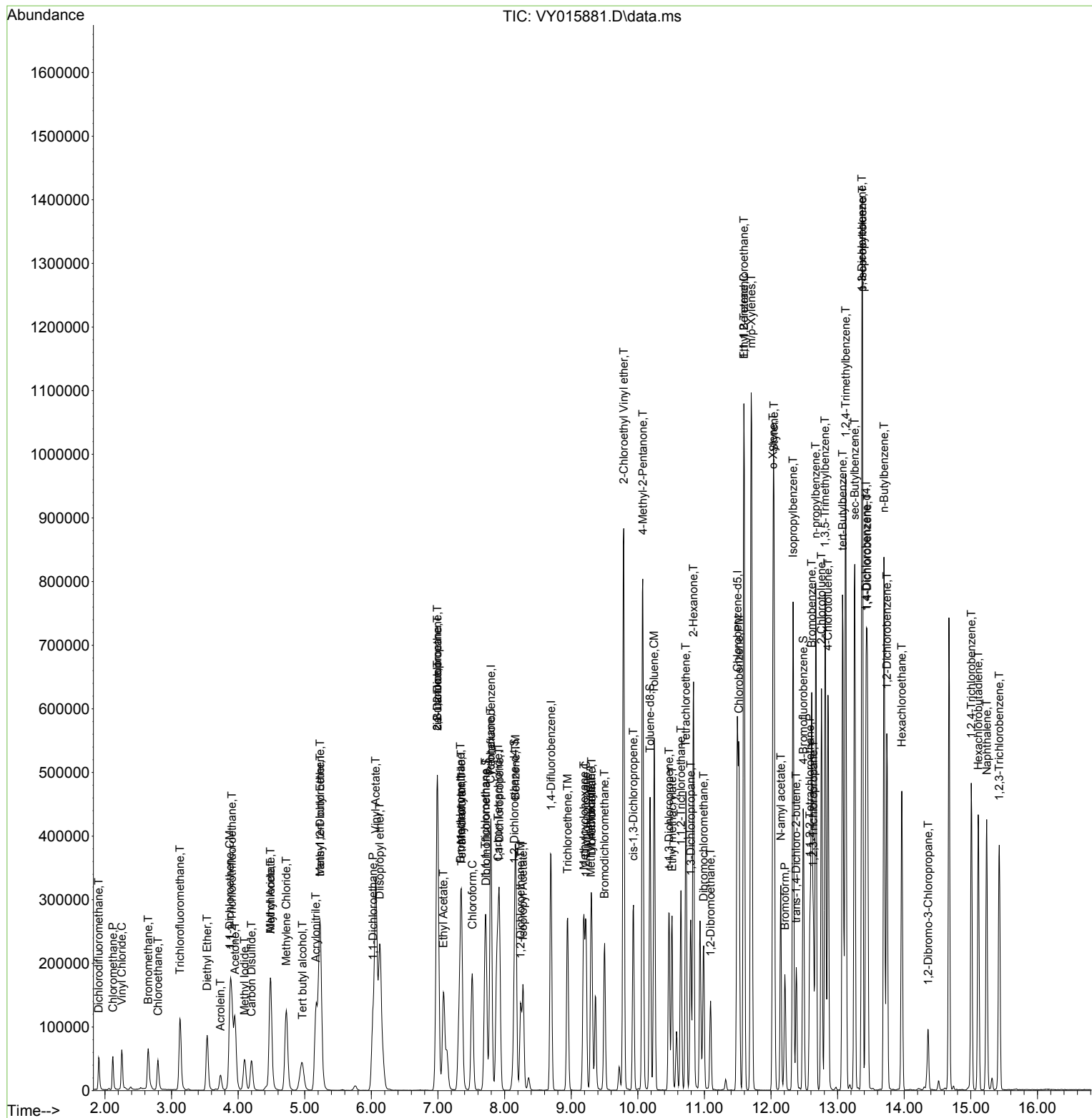
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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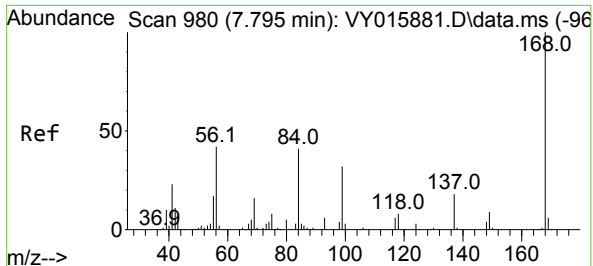
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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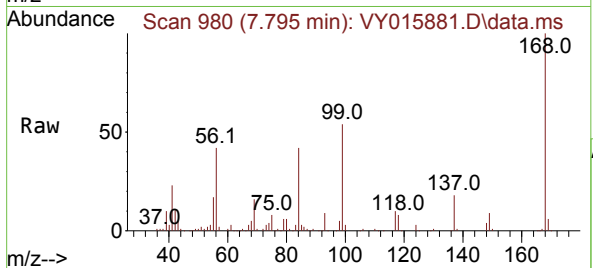
Quant Time: Oct 10 05:40:19 2023
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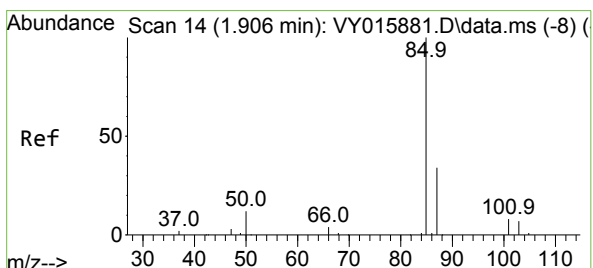
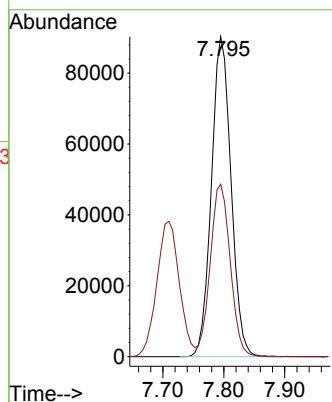
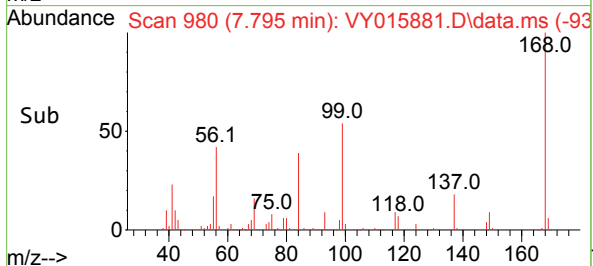


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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ClientSampleId :

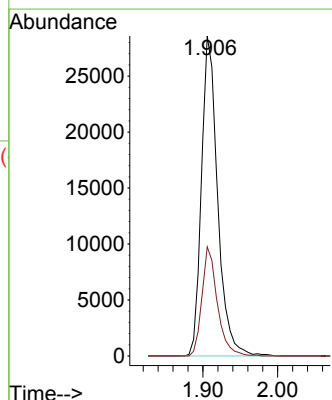
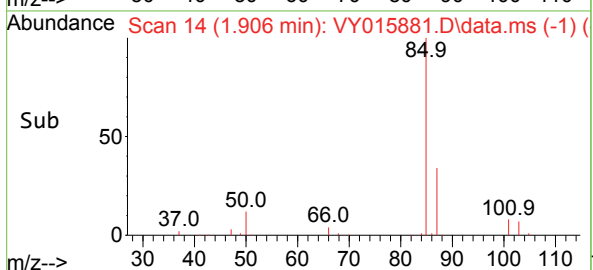
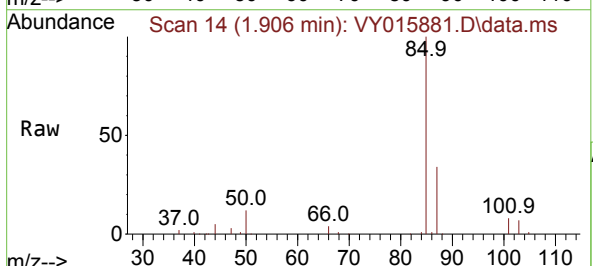


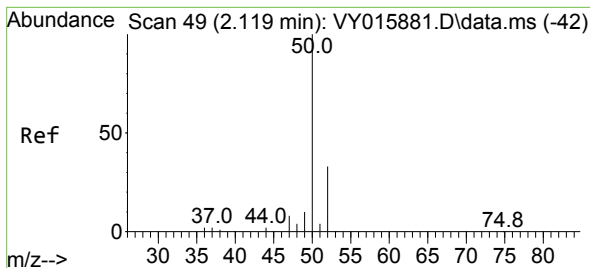
Tgt Ion:168 Resp: 201853
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 53.172 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 85 Resp: 42930
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3

Chloromethane

Concen: 56.735 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

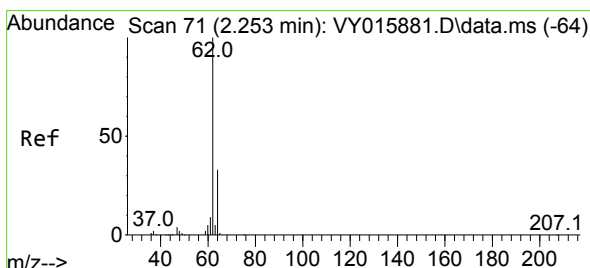
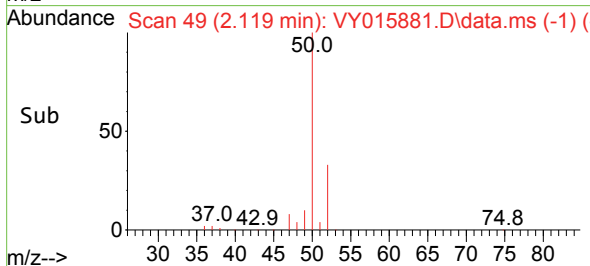
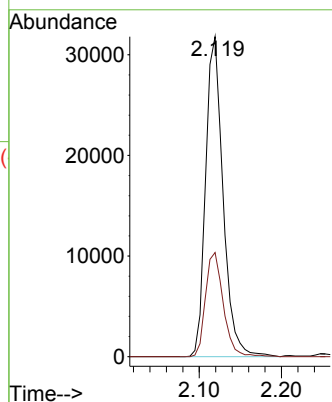
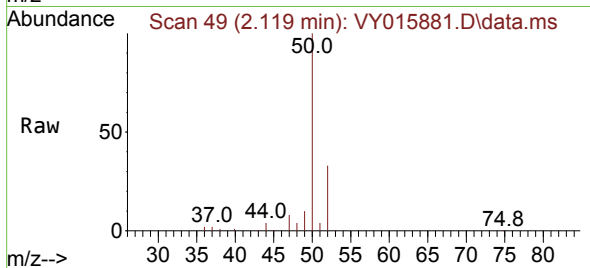
ClientSampleId :

Tgt Ion: 50 Resp: 46854

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 57.159 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015881.D

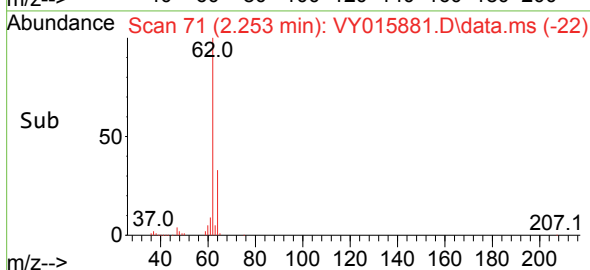
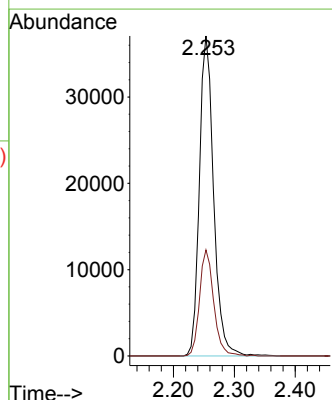
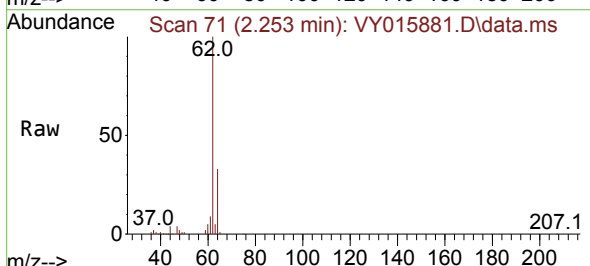
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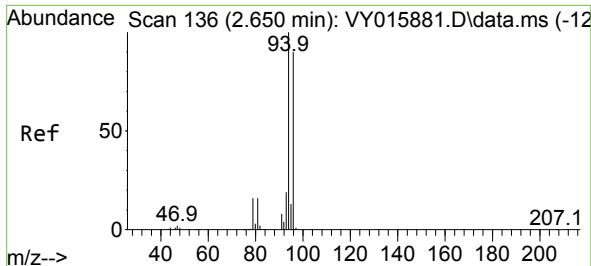
Tgt Ion: 62 Resp: 60204

Ion Ratio Lower Upper

62 100

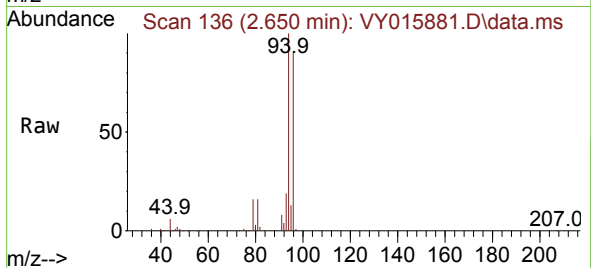
64 33.1 24.3 36.5



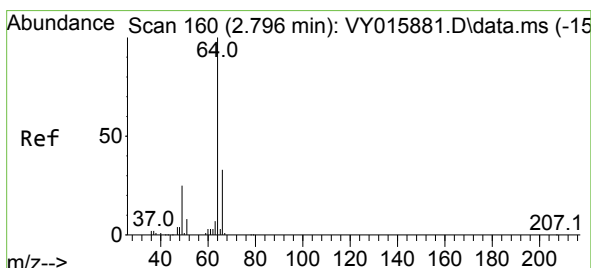
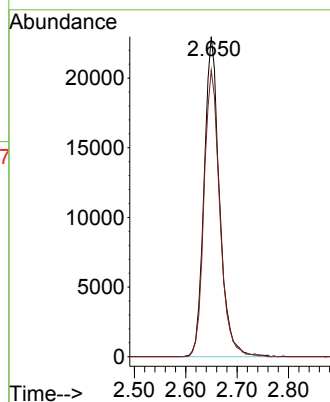
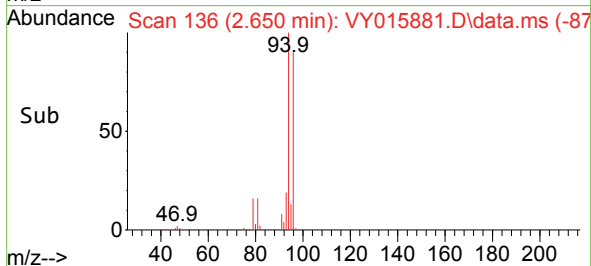


#5
Bromomethane
Concen: 55.236 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015881.D
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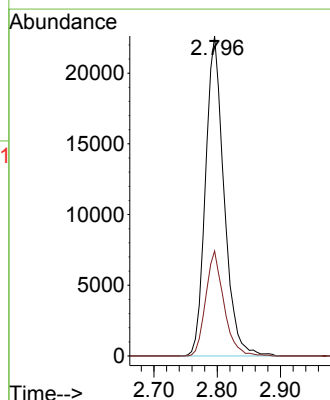
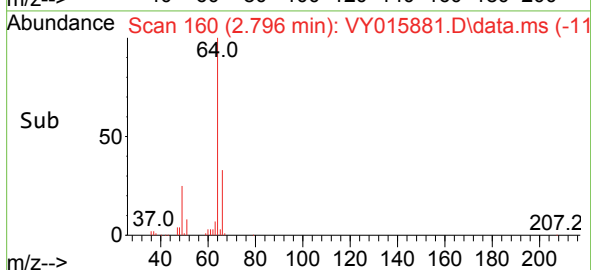
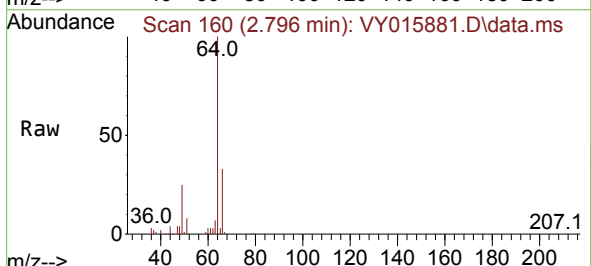


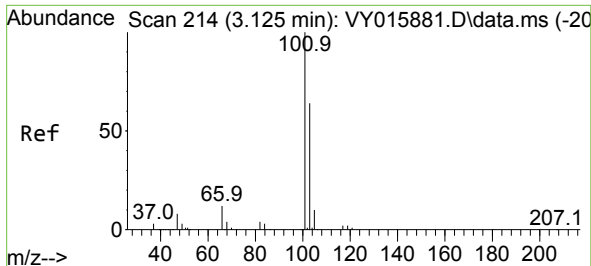
Tgt Ion: 94 Resp: 47705
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6



#6
Chloroethane
Concen: 55.717 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 64 Resp: 46082
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

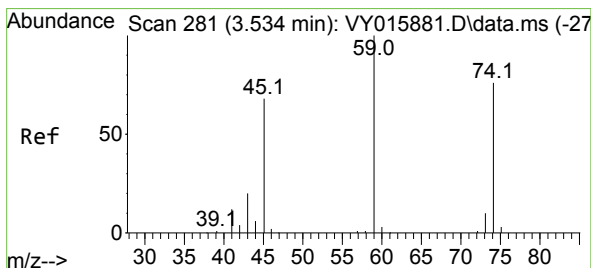
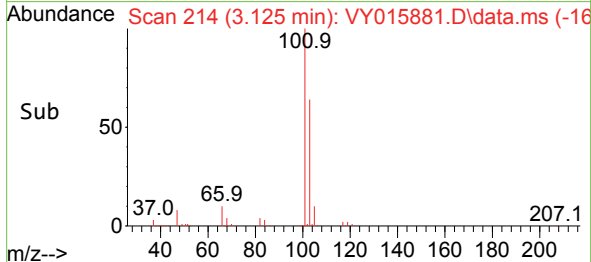
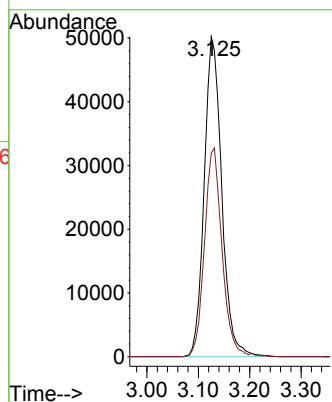
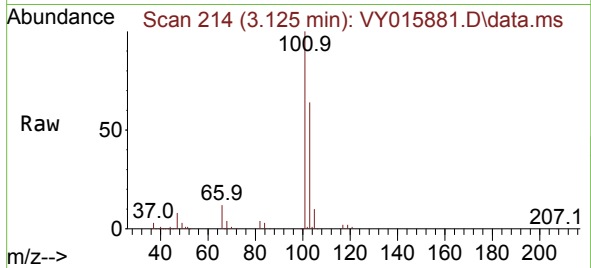




#7
 Trichlorofluoromethane
 Concen: 53.229 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

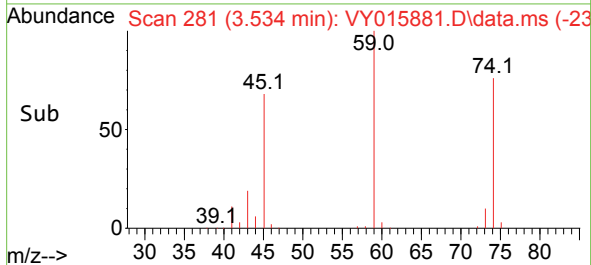
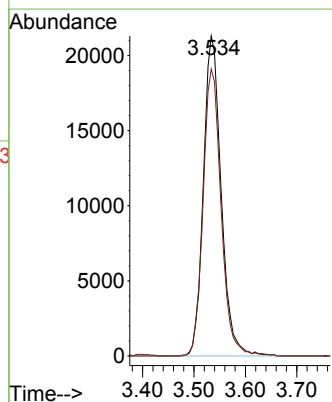
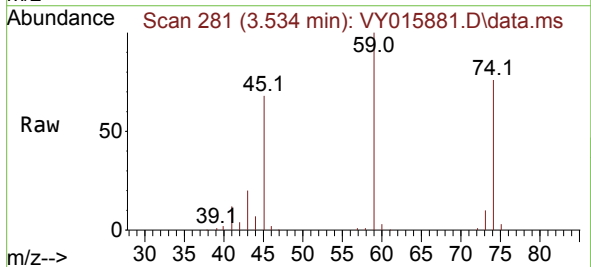
Instrument :
 MSVOA_Y
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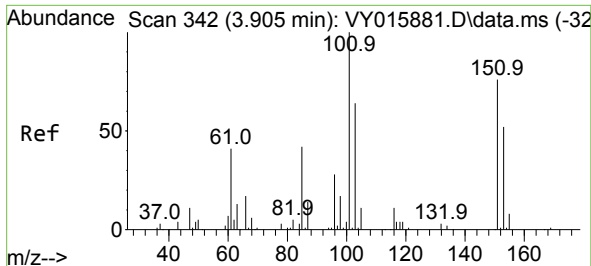
Tgt Ion:101 Resp: 118963
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.974 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 51033
 Ion Ratio Lower Upper
 74 100
 45 91.3 51.5 154.5

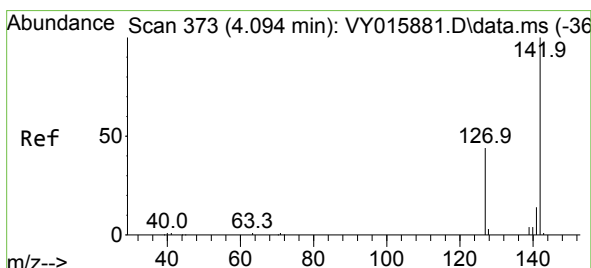
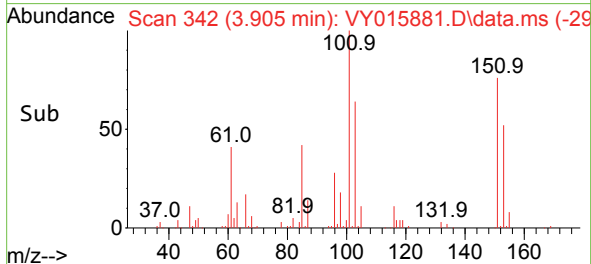
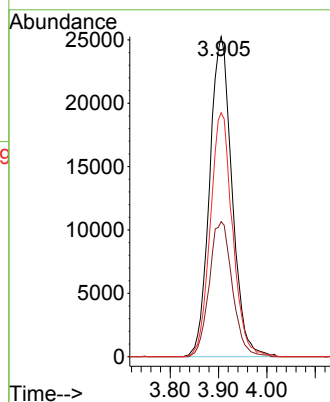
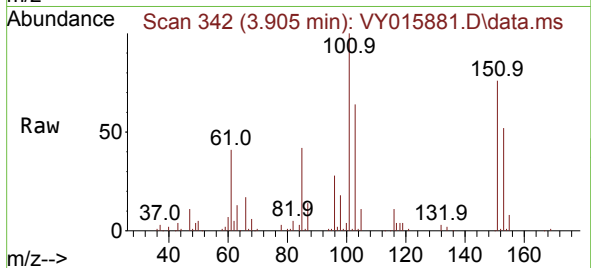




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.523 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

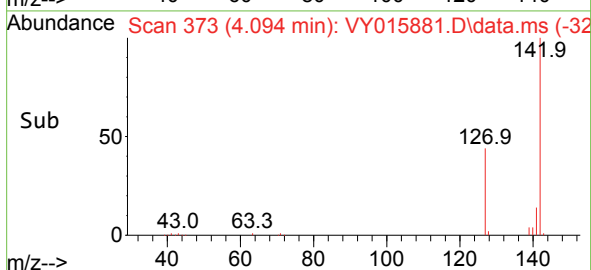
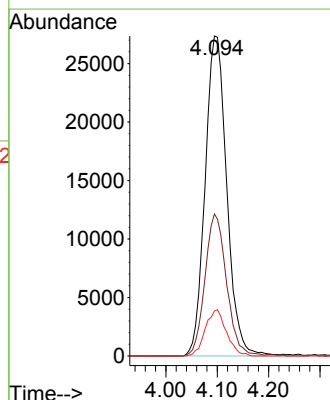
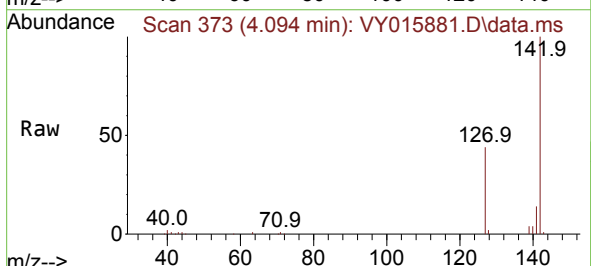
Instrument :
MSVOA_Y
ClientSampleId :

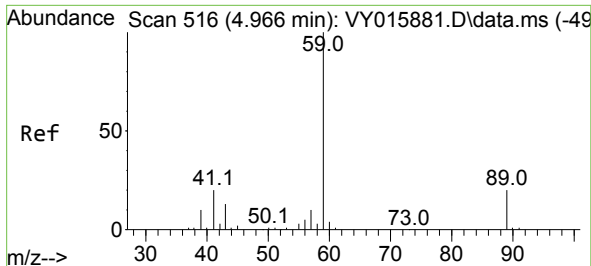
Tgt Ion:101 Resp: 81181
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 75.6 67.0 100.6



#10
Methyl Iodide
Concen: 52.394 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion:142 Resp: 80051
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.1 11.8 17.8

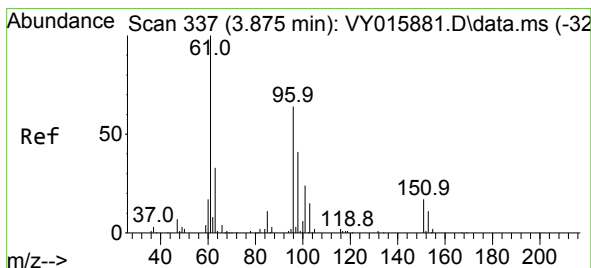
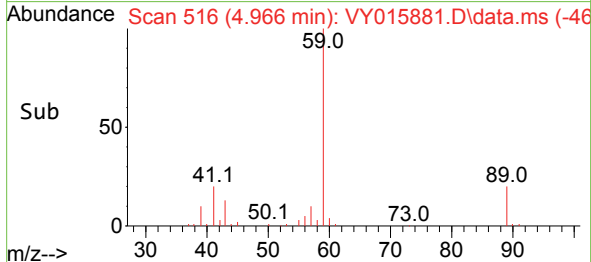
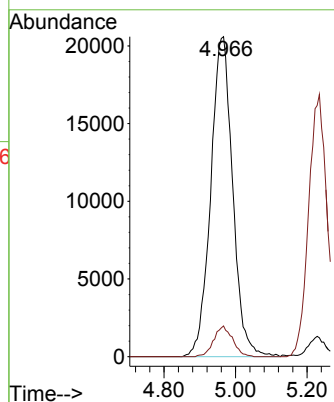
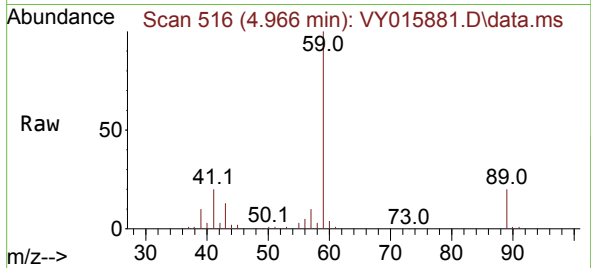




#11
Tert butyl alcohol
Concen: 208.719 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

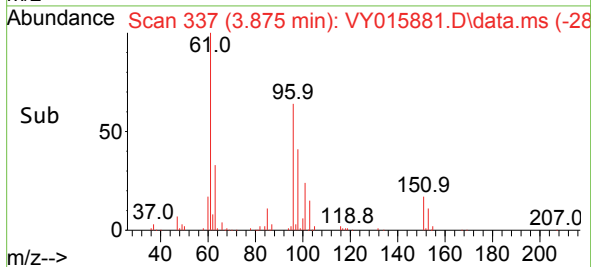
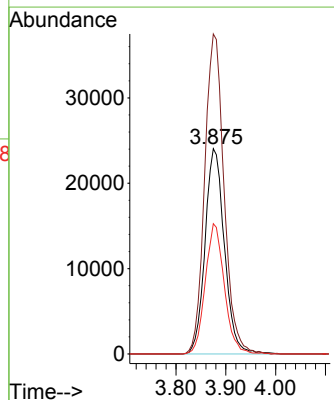
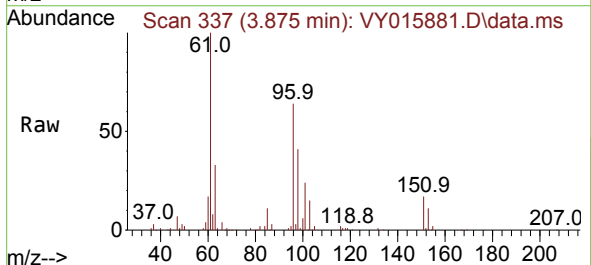
Instrument :
MSVOA_Y
ClientSampleId :

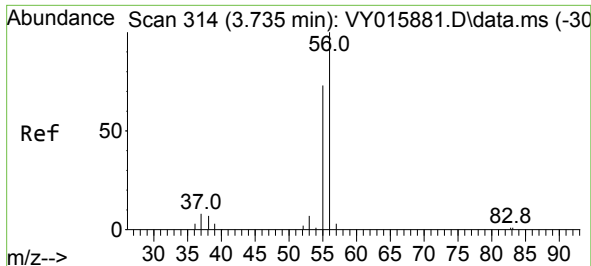
Tgt Ion: 59 Resp: 87742
Ion Ratio Lower Upper
59 100
57 8.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 55.655 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

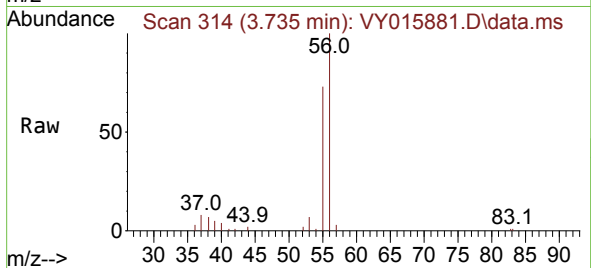
Tgt Ion: 96 Resp: 64931
Ion Ratio Lower Upper
96 100
61 155.9 136.4 204.6
98 63.5 49.4 74.2



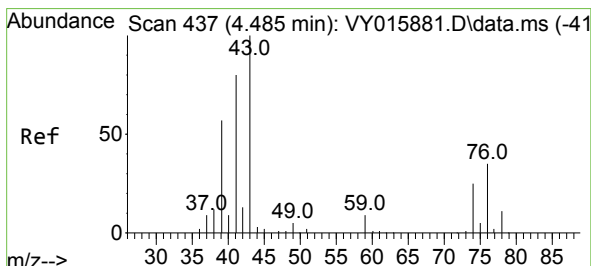
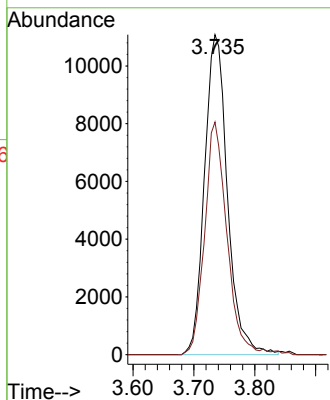
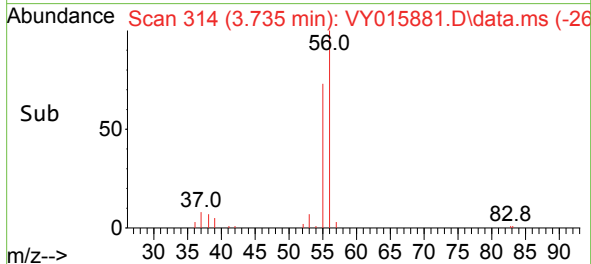


#13
Acrolein
Concen: 261.546 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :

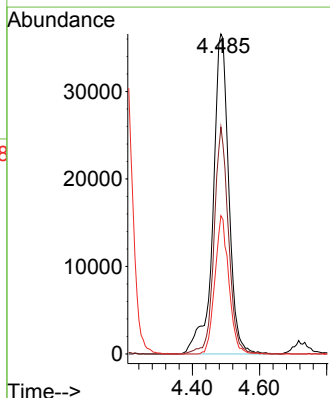
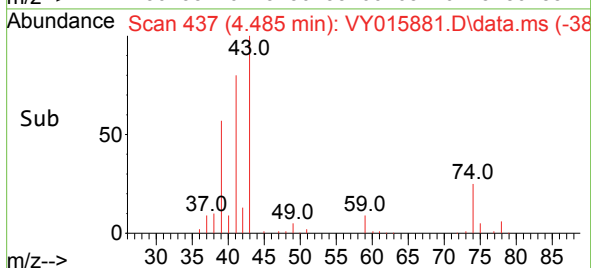
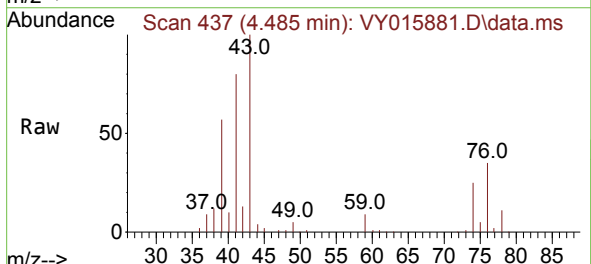


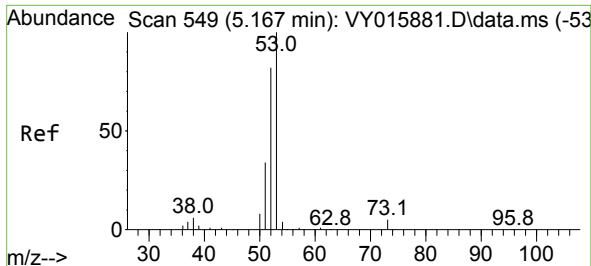
Tgt Ion: 56 Resp: 29034
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.4



#14
Allyl chloride
Concen: 55.554 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

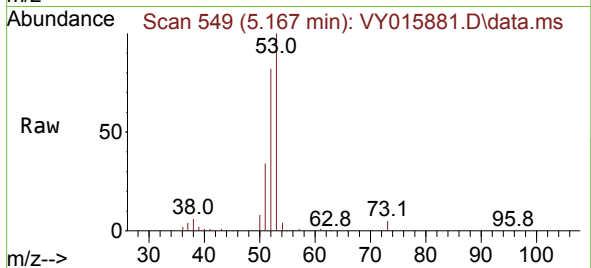
Tgt Ion: 41 Resp: 119499
Ion Ratio Lower Upper
41 100
39 64.5 58.0 87.0
76 38.1 27.4 41.2



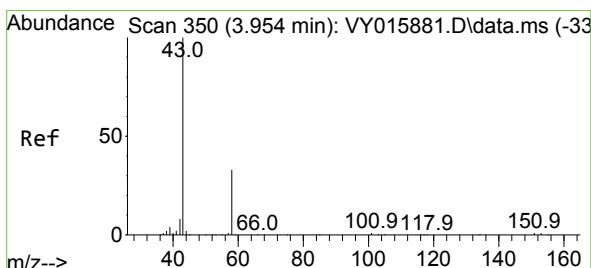
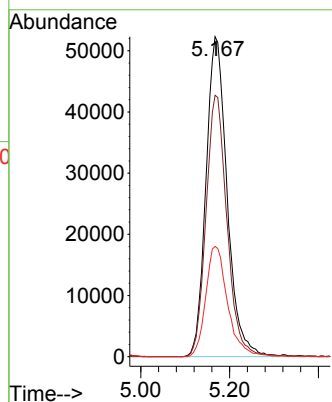
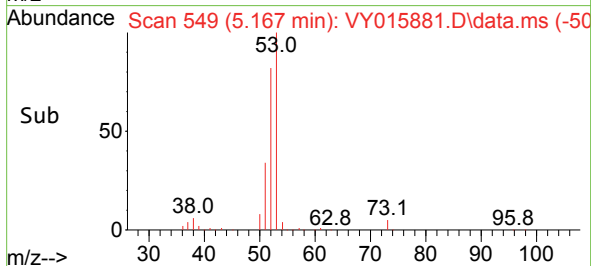


#15
Acrylonitrile
Concen: 266.325 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :

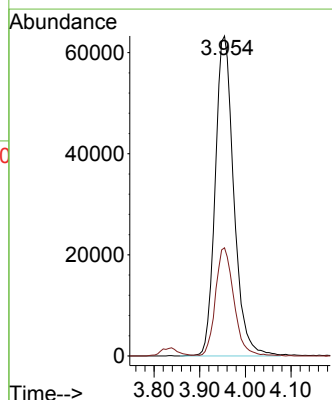
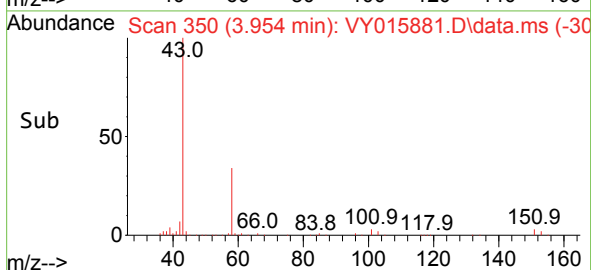
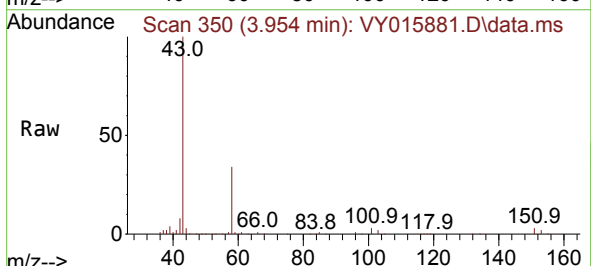


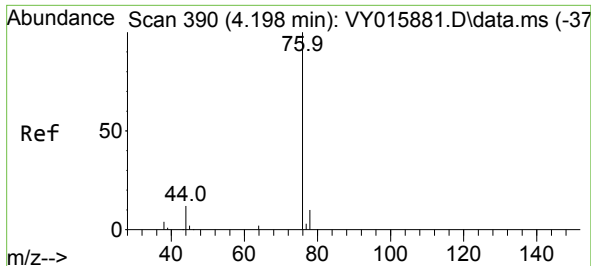
Tgt Ion: 53 Resp: 173159
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 222.050 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 43 Resp: 178577
Ion Ratio Lower Upper
43 100
58 33.6 22.7 34.1

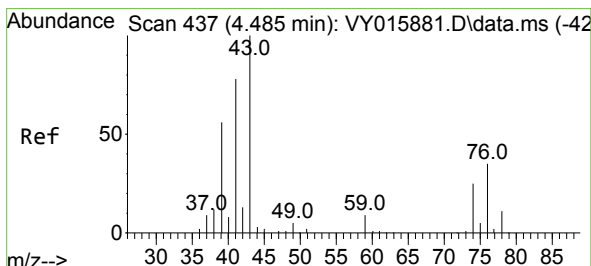
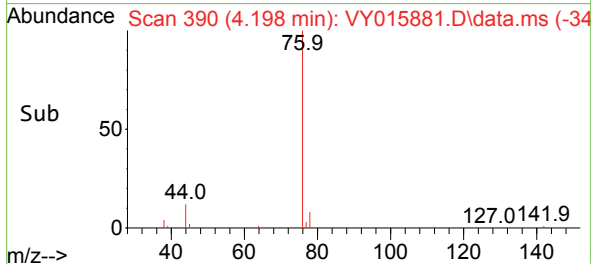
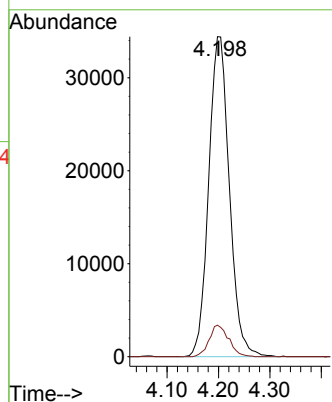
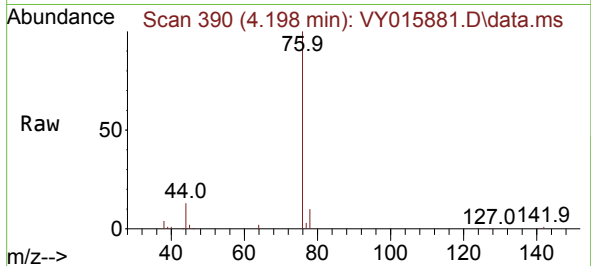




#17
Carbon Disulfide
Concen: 54.856 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

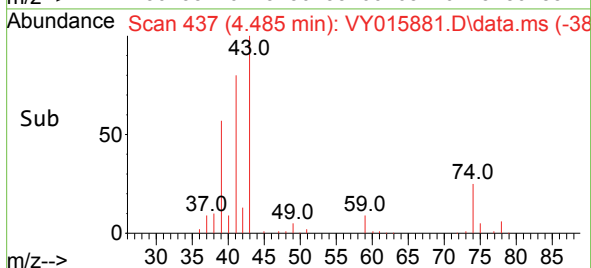
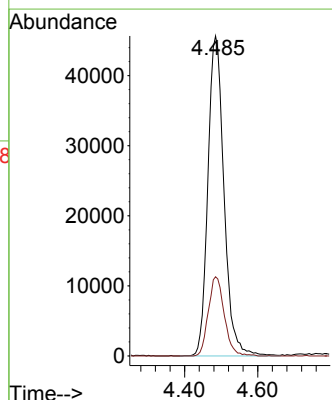
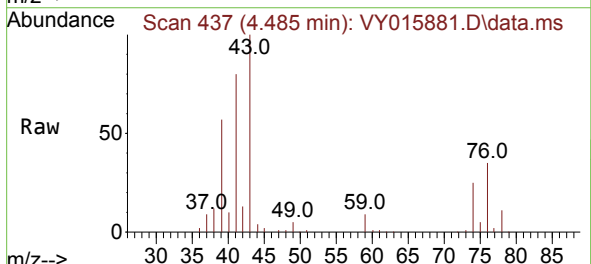
Instrument :
MSVOA_Y
ClientSampleId :

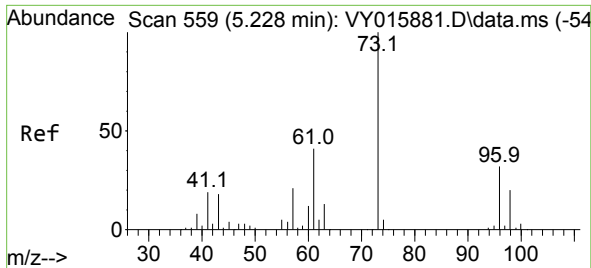
Tgt Ion: 76 Resp: 96153
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 56.536 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 43 Resp: 139206
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

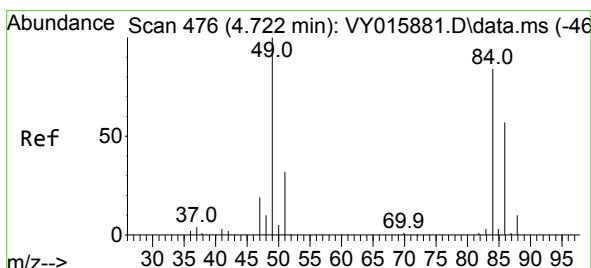
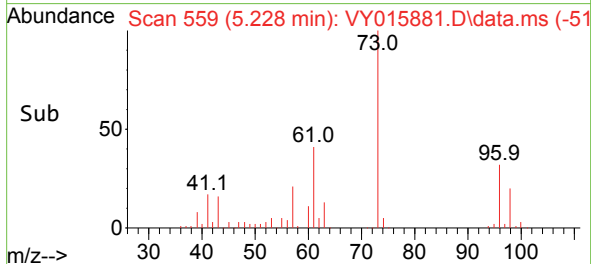
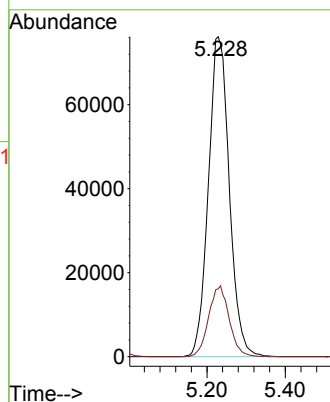
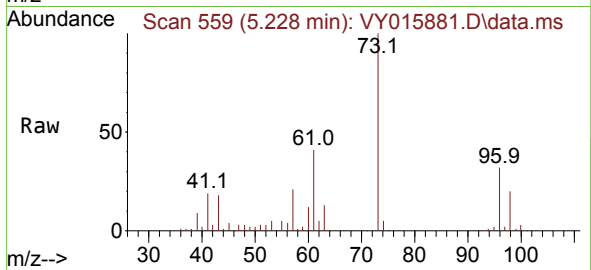




#19
Methyl tert-butyl Ether
Concen: 53.409 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

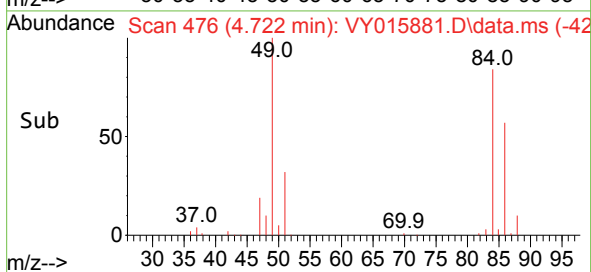
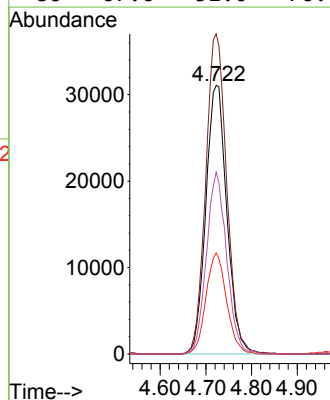
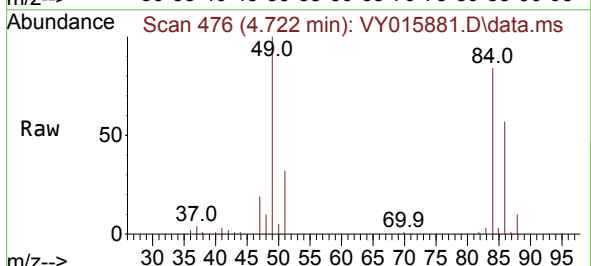
Instrument :
MSVOA_Y
ClientSampleId :

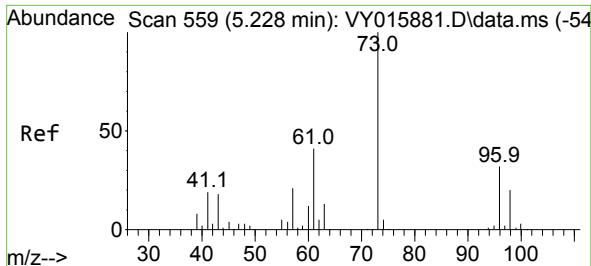
Tgt Ion: 73 Resp: 282365
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 53.358 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 84 Resp: 99520
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 37.6 33.2 49.8
86 67.6 51.0 76.6

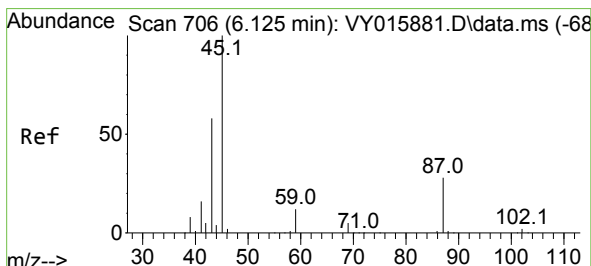
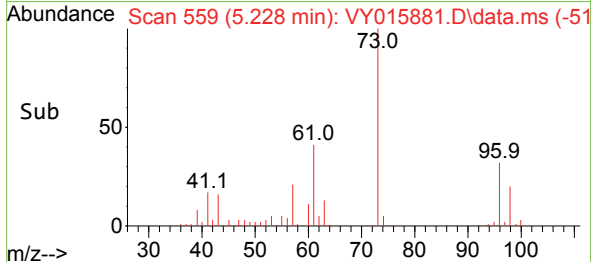
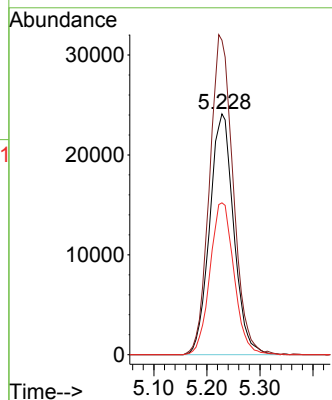
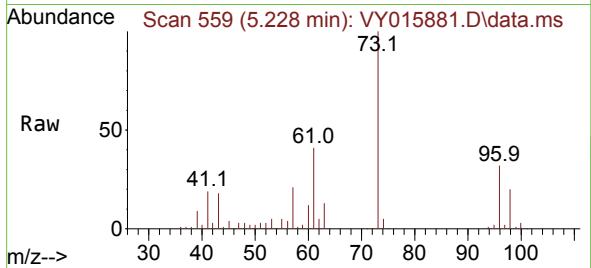




#21
trans-1,2-Dichloroethene
Concen: 56.131 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

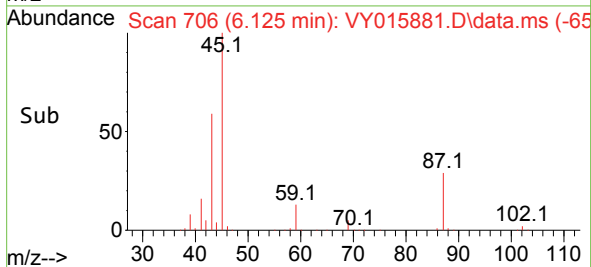
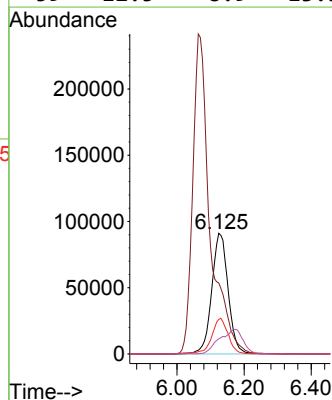
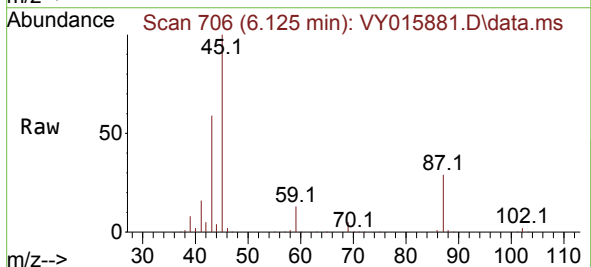
Instrument :
MSVOA_Y
ClientSampleId :

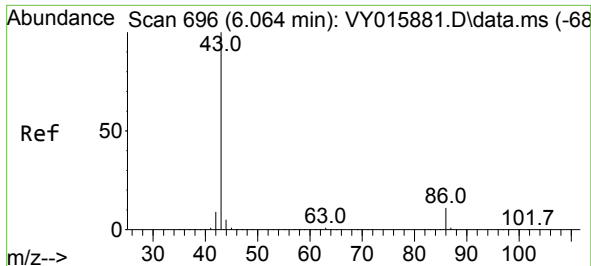
Tgt Ion: 96 Resp: 75989
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 53.579 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 45 Resp: 308269
Ion Ratio Lower Upper
45 100
43 58.6 52.2 78.4
87 28.7 21.0 31.6
59 12.5 8.9 13.3

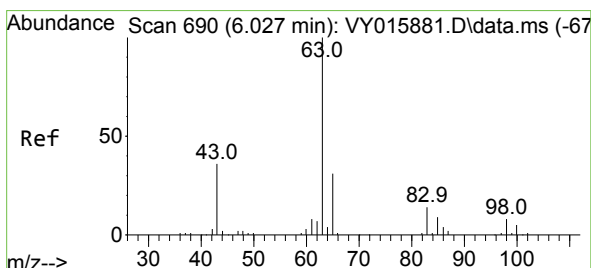
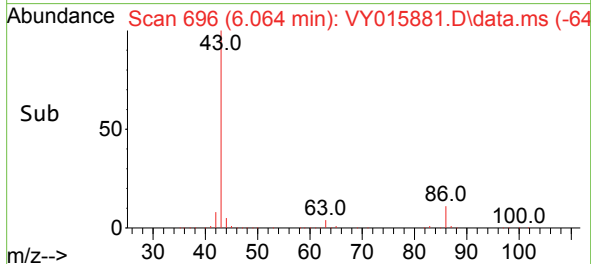
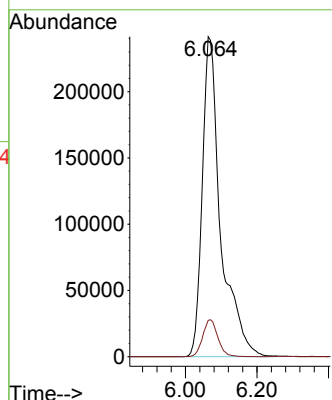
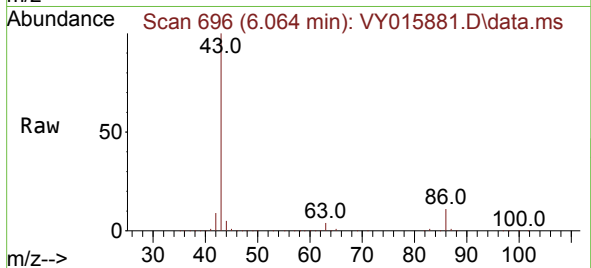




#23
 Vinyl Acetate
 Concen: 272.162 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

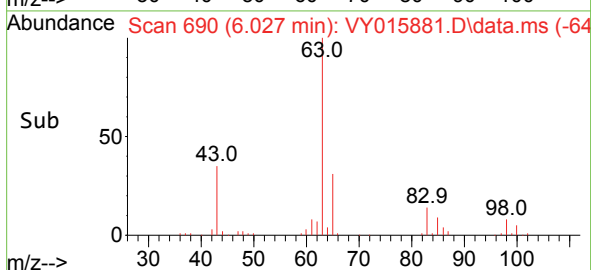
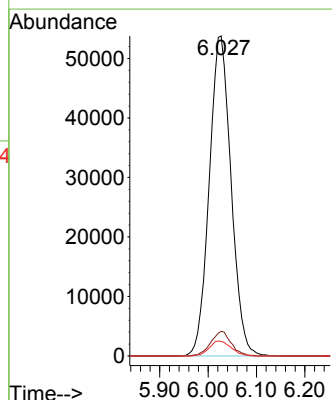
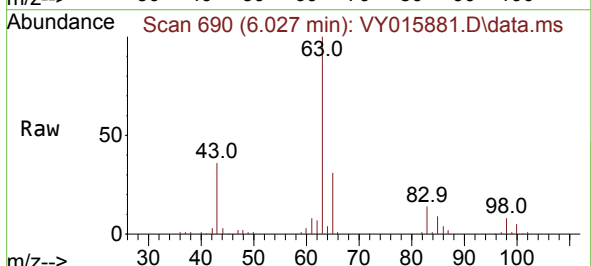
Instrument :
 MSVOA_Y
 ClientSampleId :

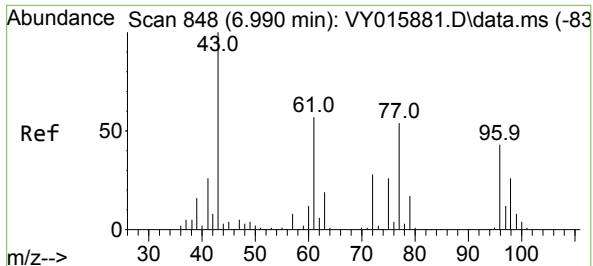
Tgt Ion: 43 Resp: 861053
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 53.210 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

Tgt Ion: 63 Resp: 168639
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 253.408 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

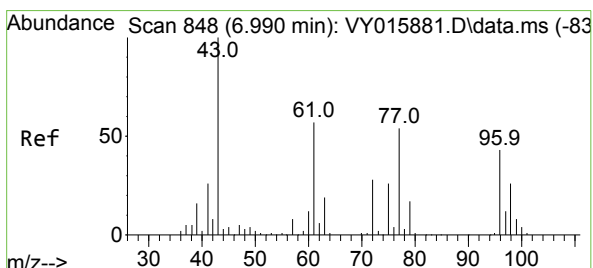
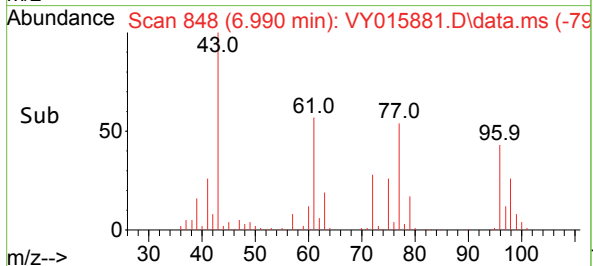
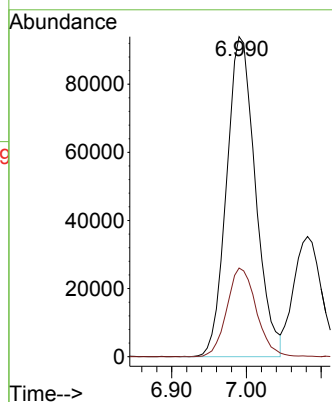
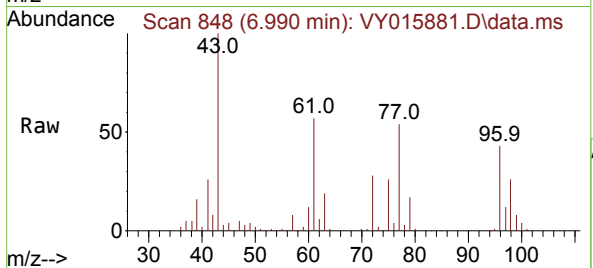
ClientSampleId :

Tgt Ion: 43 Resp: 252479

Ion Ratio Lower Upper

43 100

72 27.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 51.590 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015881.D

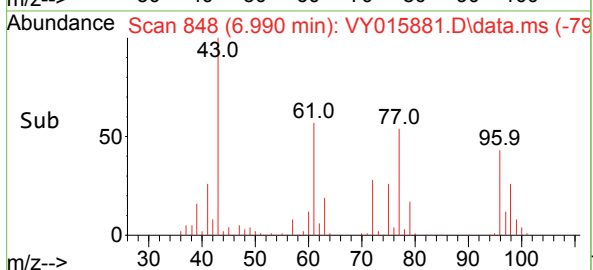
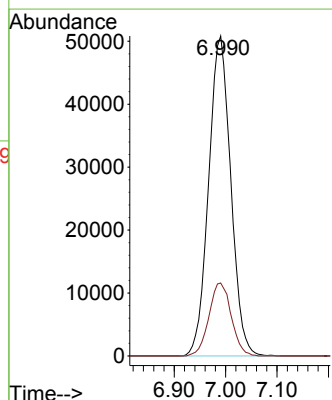
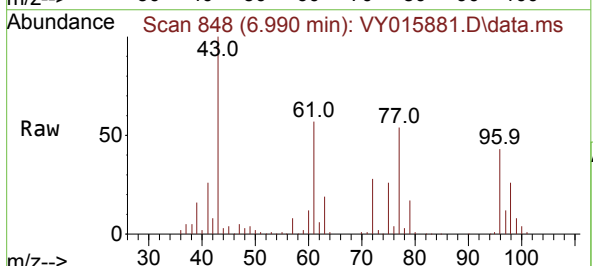
Acq: 09 Oct 2023 14:45

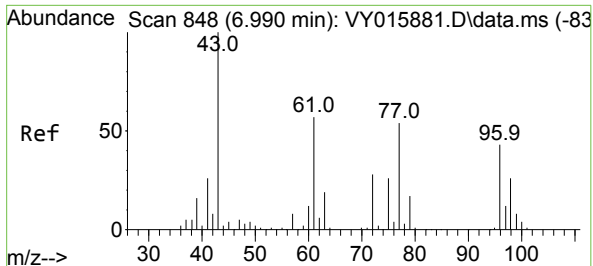
Tgt Ion: 77 Resp: 152056

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.668 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

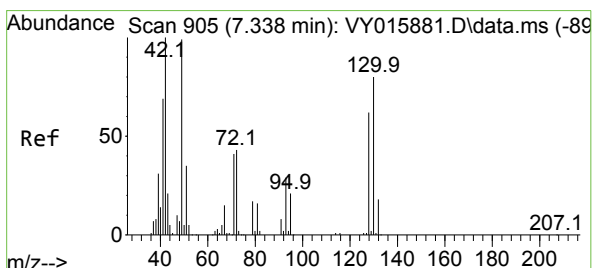
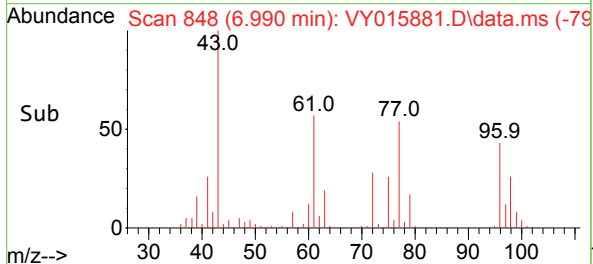
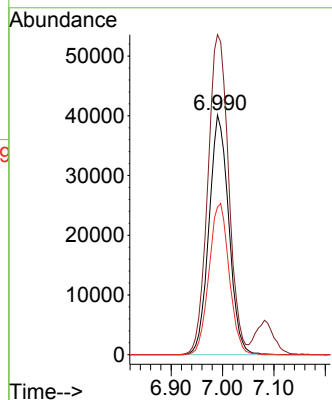
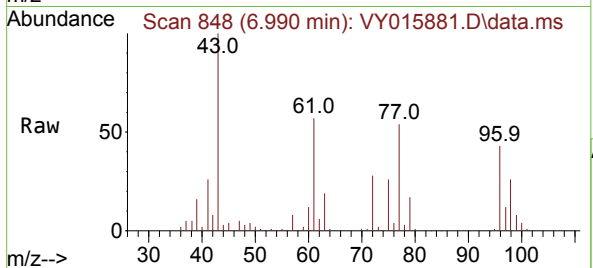
Tgt Ion: 96 Resp: 107233

Ion Ratio Lower Upper

96 100

61 140.7 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 49.019 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

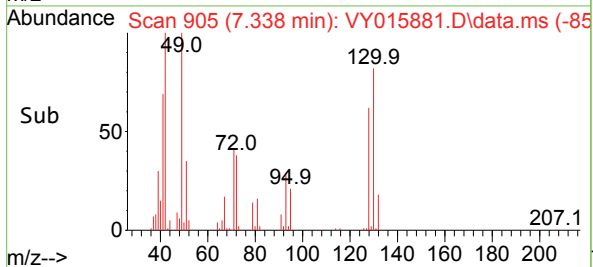
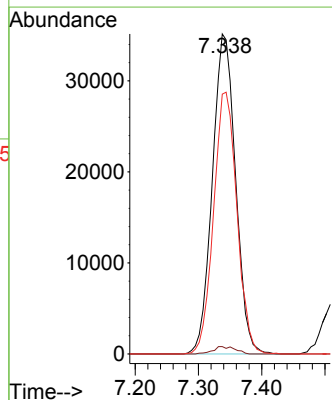
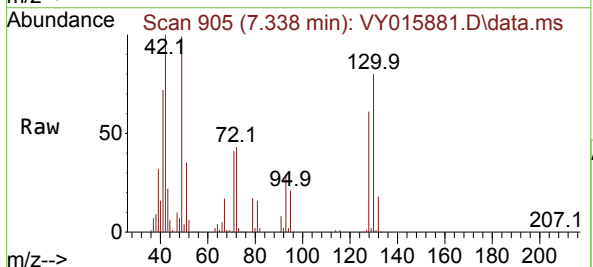
Tgt Ion: 49 Resp: 89537

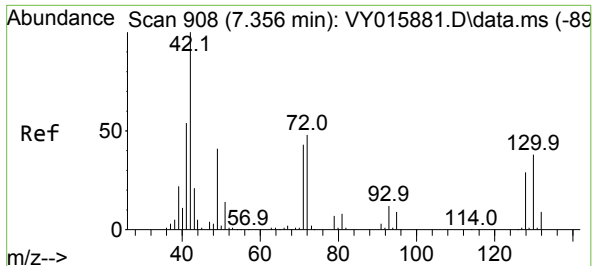
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 272.858 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

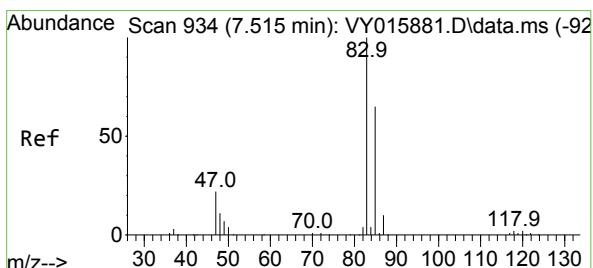
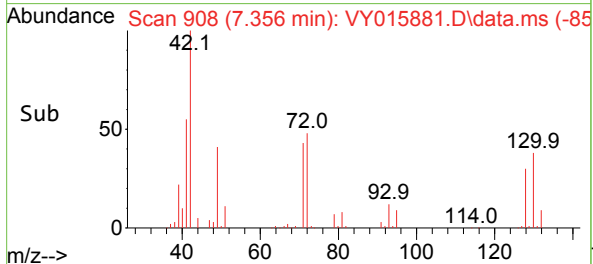
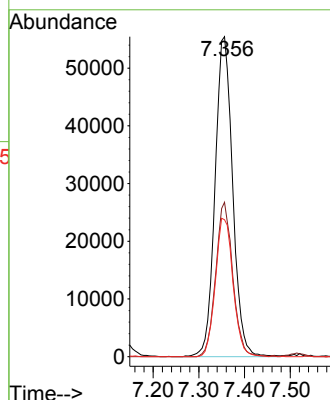
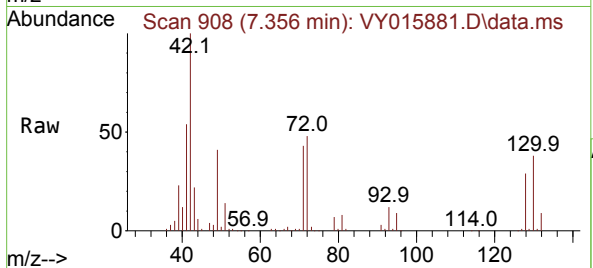
Tgt Ion: 42 Resp: 148721

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 43.4 31.0 46.4



#30

Chloroform

Concen: 52.337 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY015881.D

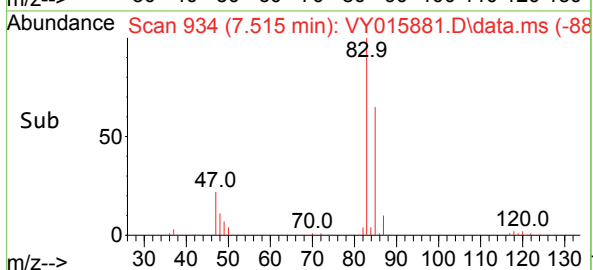
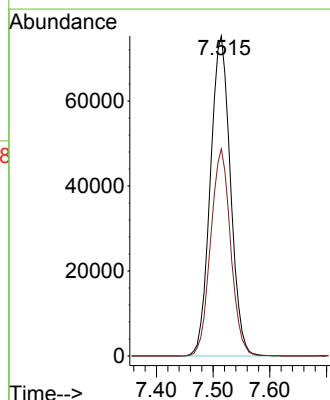
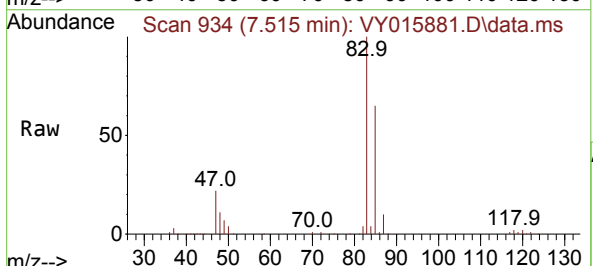
Acq: 09 Oct 2023 14:45

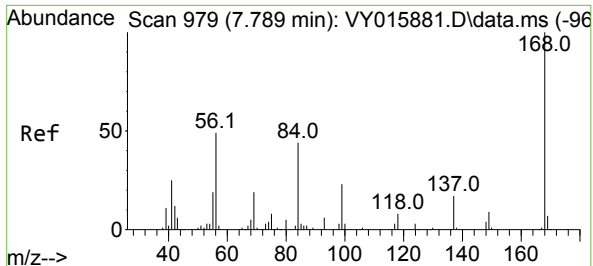
Tgt Ion: 83 Resp: 185013

Ion Ratio Lower Upper

83 100

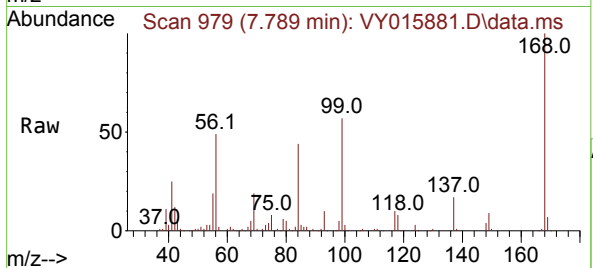
85 64.7 49.7 74.5



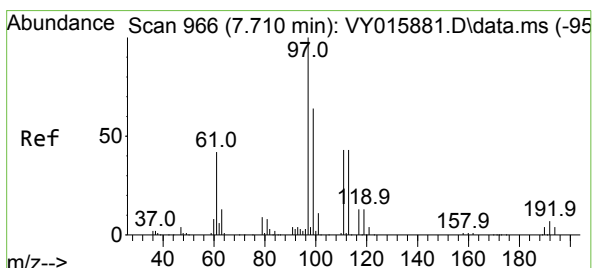
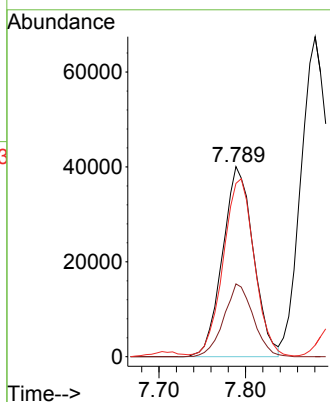
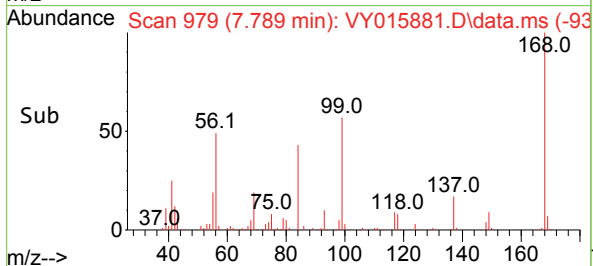


#31
Cyclohexane
Concen: 51.019 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

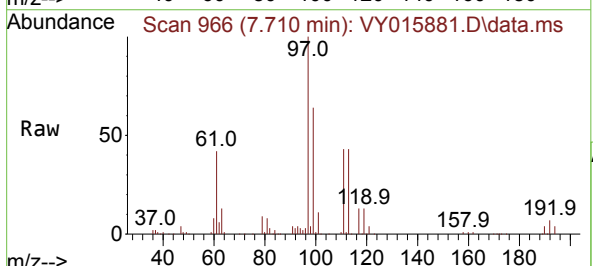
Instrument :
MSVOA_Y
ClientSampleId :



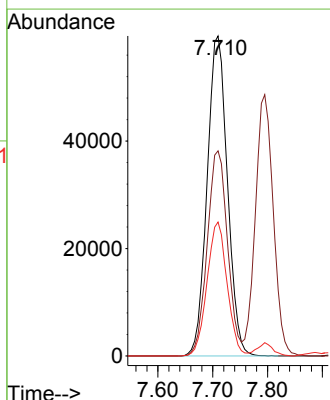
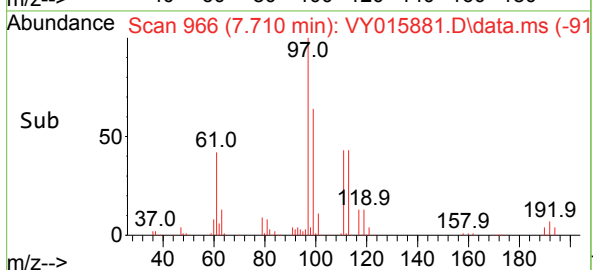
Tgt Ion: 56 Resp: 99244
Ion Ratio Lower Upper
56 100
69 38.3 27.8 41.6
84 89.7 66.4 99.6

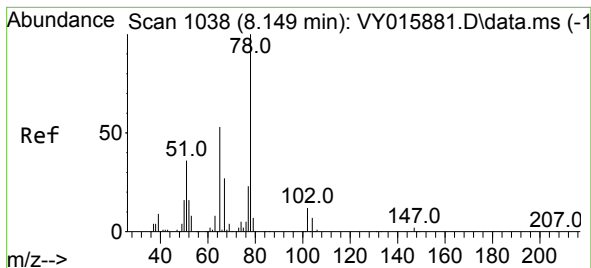


#32
1,1,1-Trichloroethane
Concen: 53.010 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45



Tgt Ion: 97 Resp: 153037
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.943 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

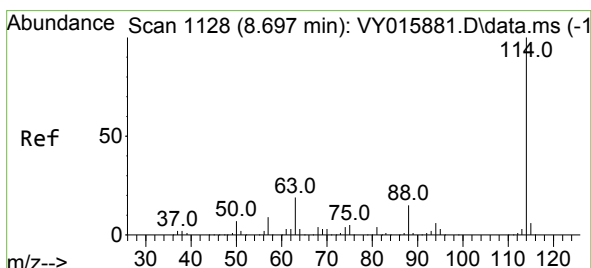
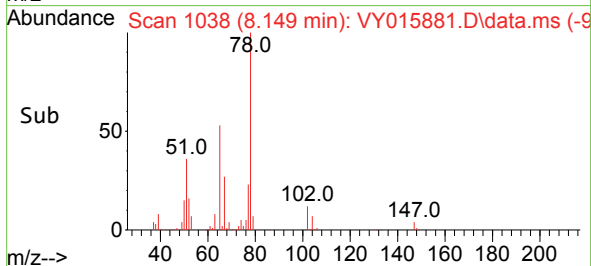
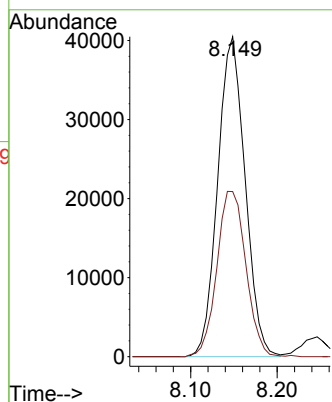
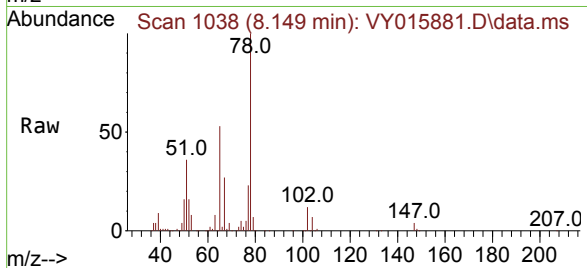
ClientSampleId :

Tgt Ion: 65 Resp: 88894

Ion Ratio Lower Upper

65 100

67 54.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

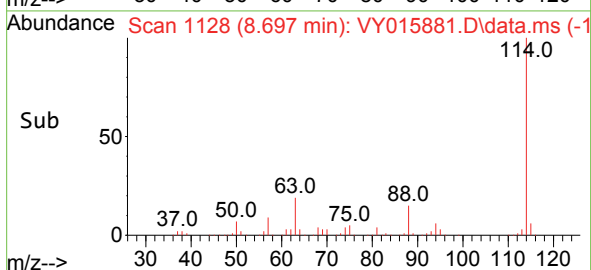
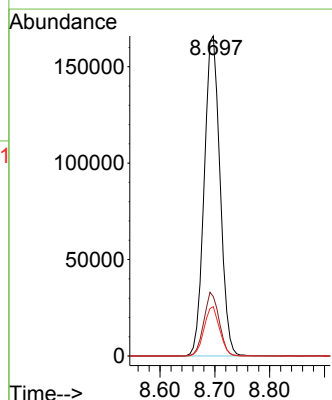
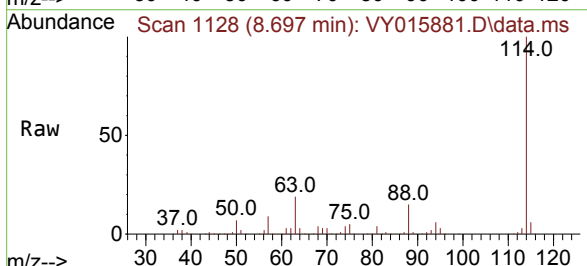
Tgt Ion: 114 Resp: 331777

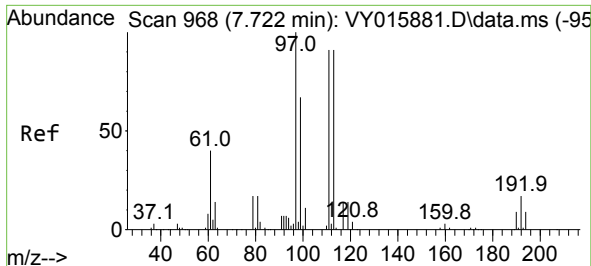
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.4 0.0 30.6

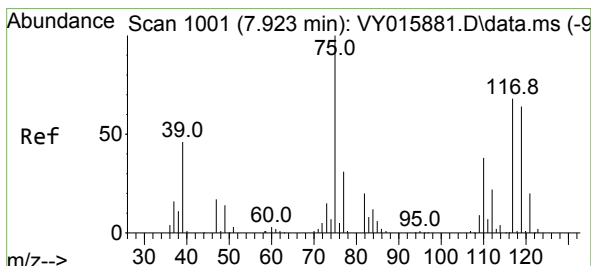
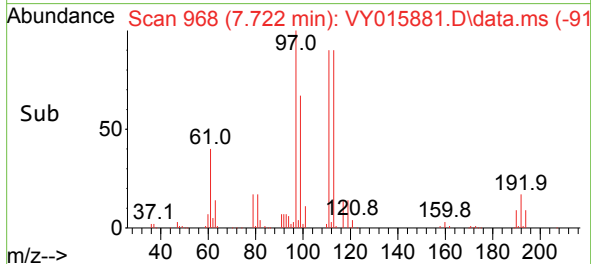
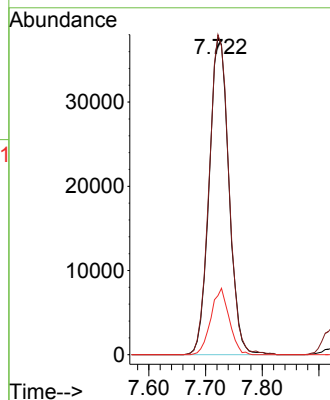
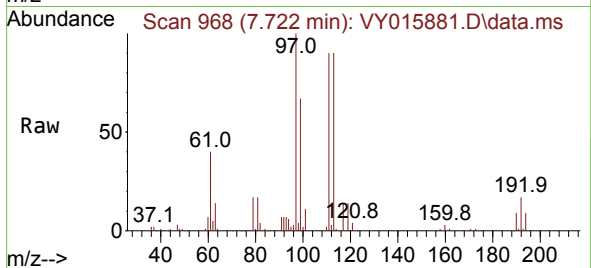




#35
Dibromofluoromethane
Concen: 49.135 ug/l
RT: 7.722 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

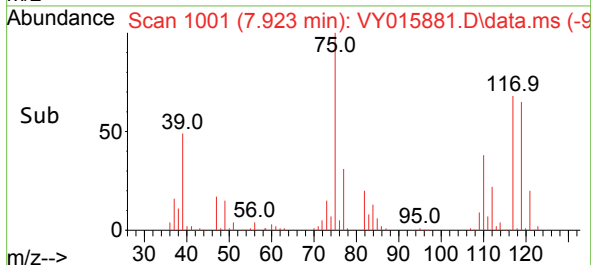
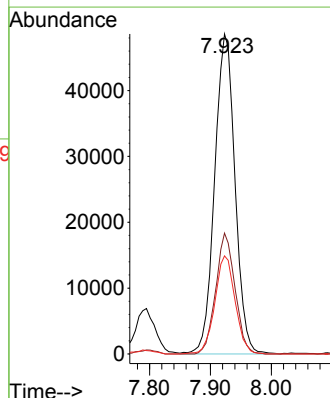
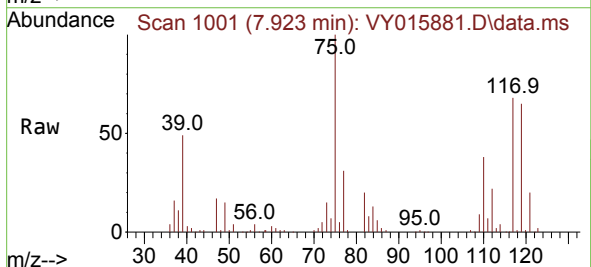
Instrument :
MSVOA_Y
ClientSampleId :

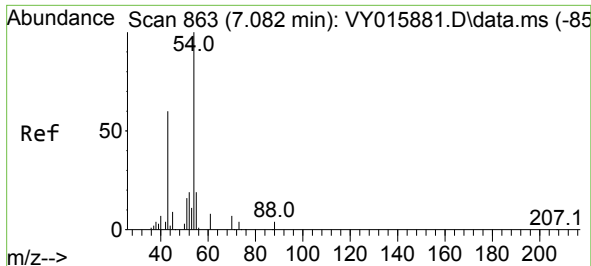
Tgt Ion:113 Resp: 90929
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.072 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 75 Resp: 112873
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 53.968 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

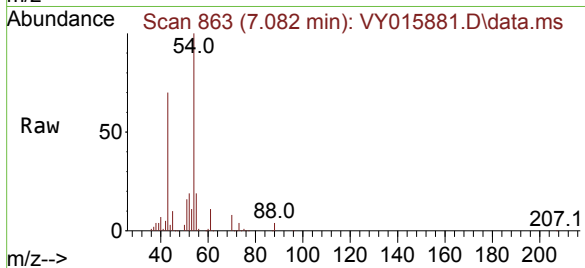
Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

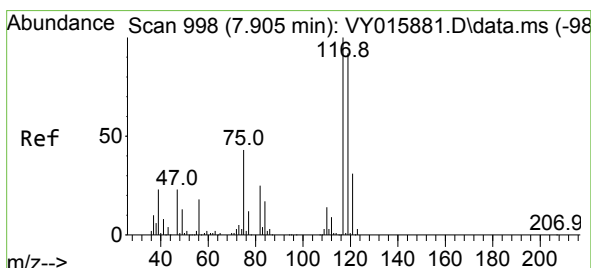
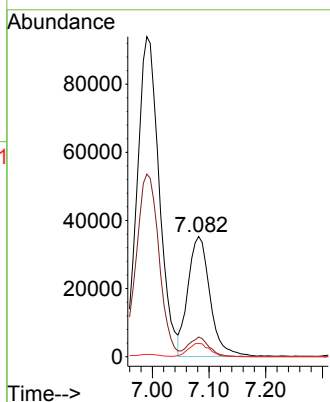
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	94995
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.1	15.1
70	10.8	7.1	10.7



#38

Carbon Tetrachloride

Concen: 53.108 ug/l

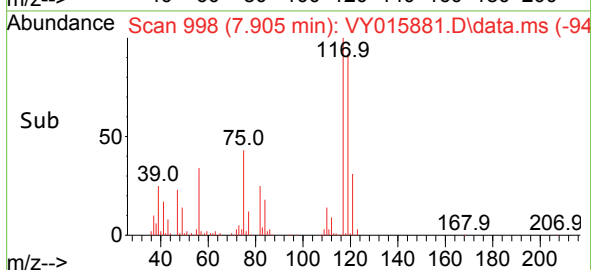
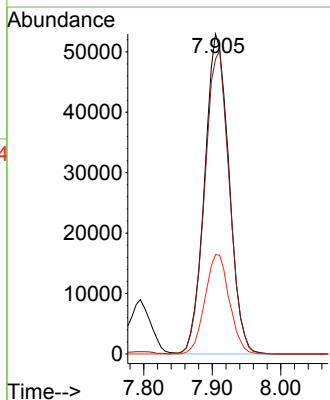
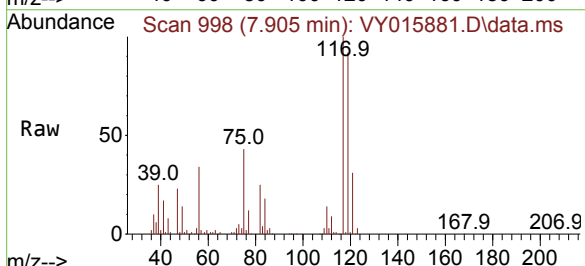
RT: 7.905 min Scan# 998

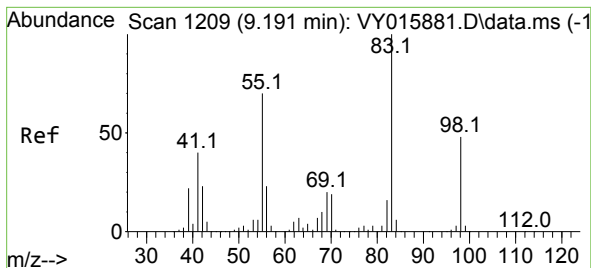
Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Tgt Ion:	117	Resp:	130719
Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.4	114.6
121	31.0	25.8	38.6





#39

Methylcyclohexane

Concen: 55.795 ug/l

RT: 9.191 min Scan# 116157

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

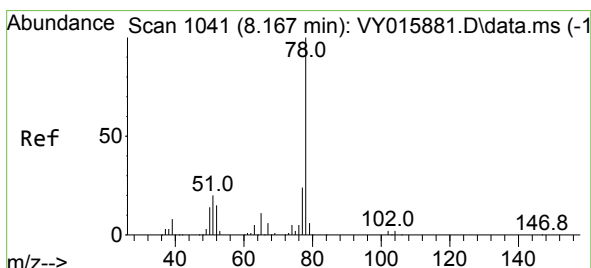
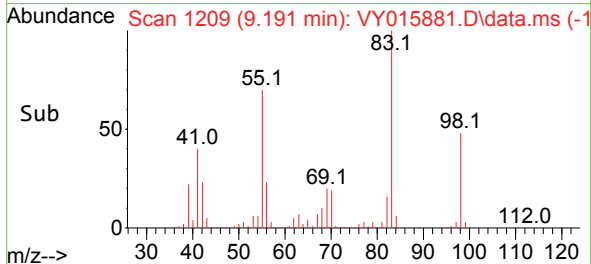
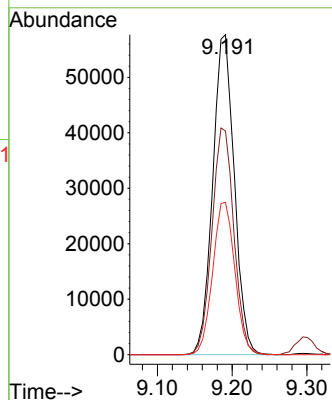
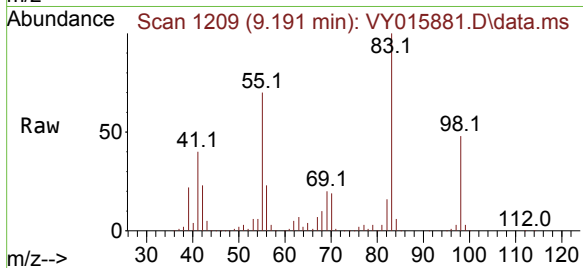
Tgt Ion: 83 Resp: 116157

Ion Ratio Lower Upper

83 100

55 69.9 63.0 94.4

98 47.6 37.4 56.2



#40

Benzene

Concen: 54.369 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY015881.D

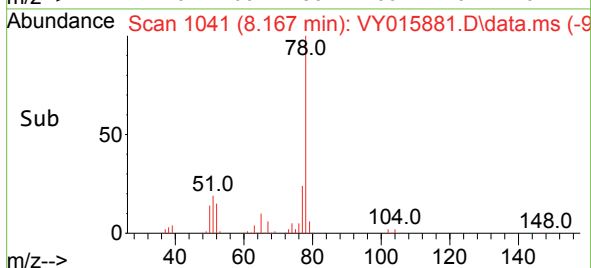
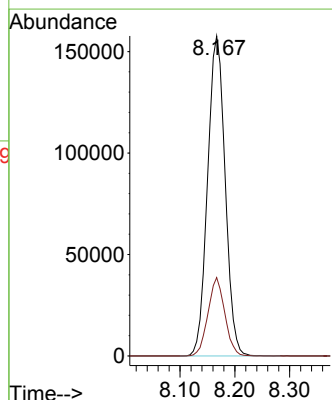
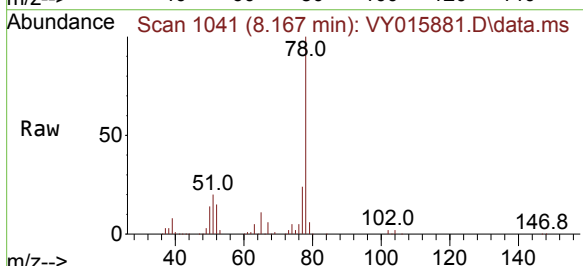
Acq: 09 Oct 2023 14:45

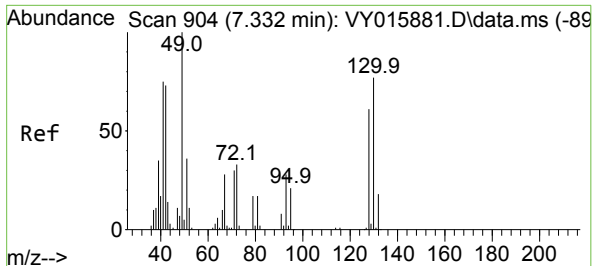
Tgt Ion: 78 Resp: 350188

Ion Ratio Lower Upper

78 100

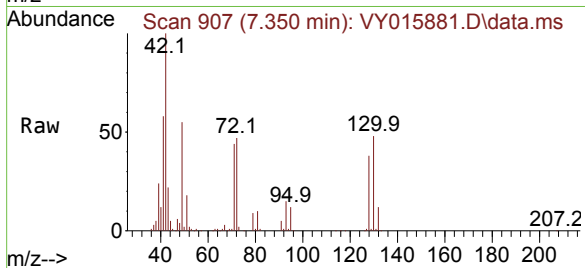
77 24.5 19.0 28.6



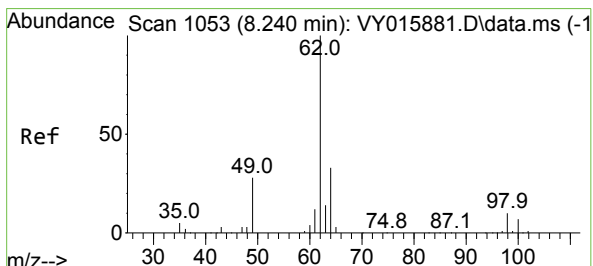
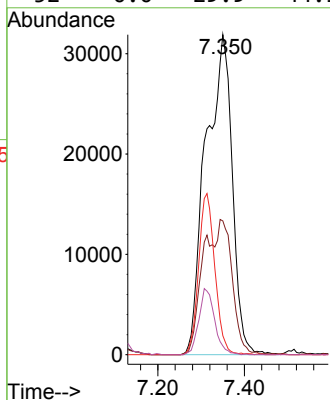
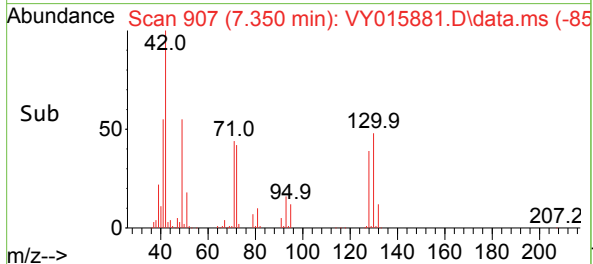


#41
Methacrylonitrile
Concen: 123.159 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :

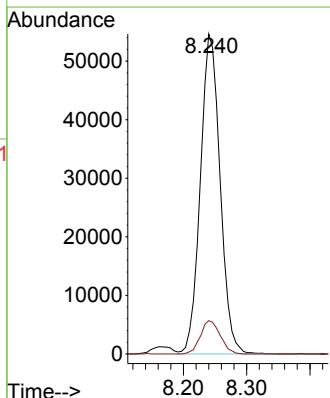
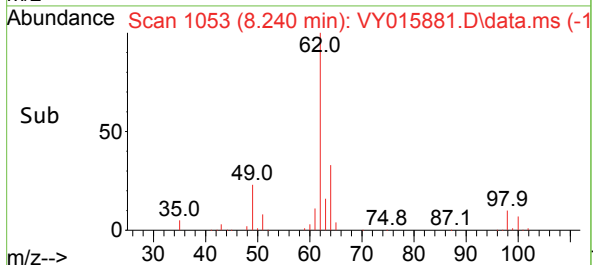
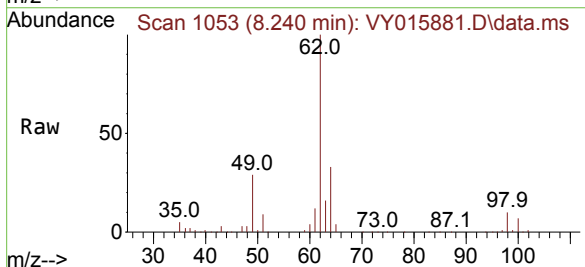


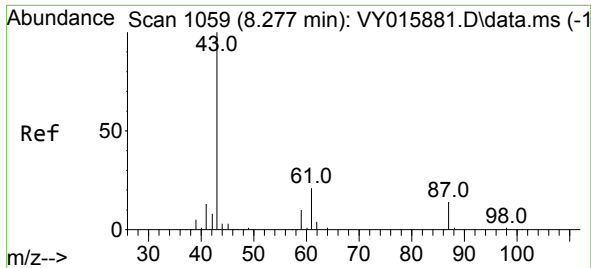
Tgt Ion: 41 Resp: 134746
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.057 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 62 Resp: 118687
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

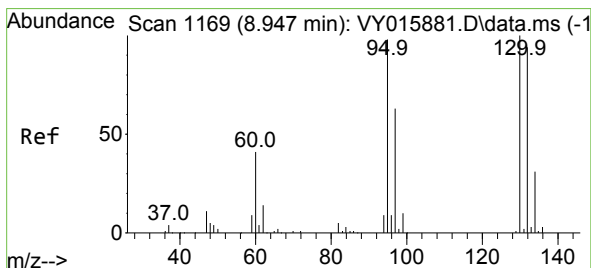
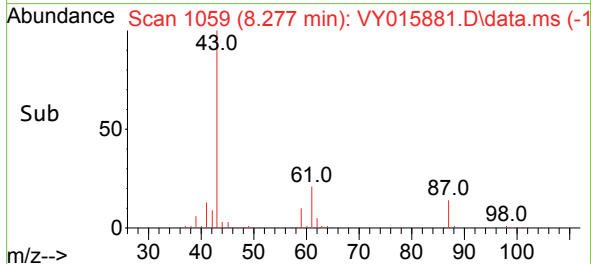
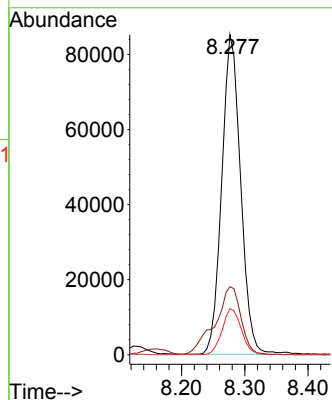
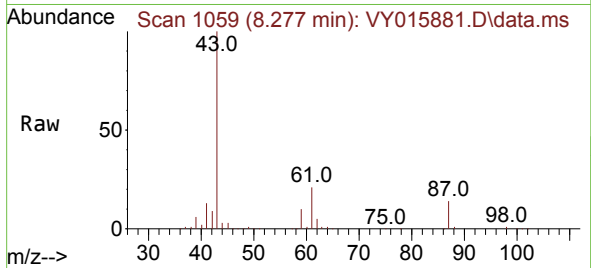




#43
Isopropyl Acetate
Concen: 53.928 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

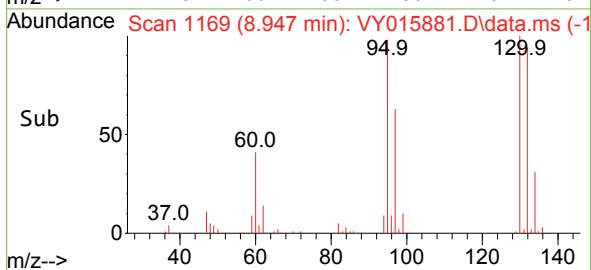
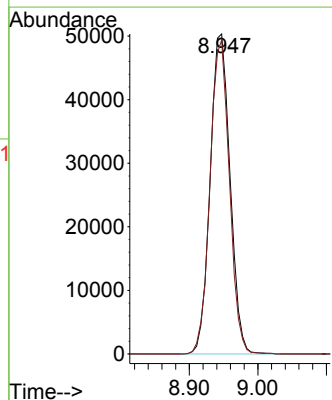
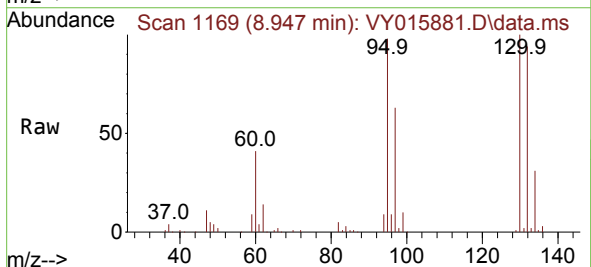
Instrument :
MSVOA_Y
ClientSampleId :

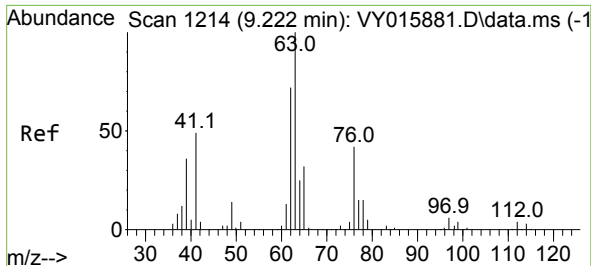
Tgt Ion: 43 Resp: 175712
Ion Ratio Lower Upper
43 100
61 29.3 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 54.368 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion:130 Resp: 101332
Ion Ratio Lower Upper
130 100
95 98.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.748 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

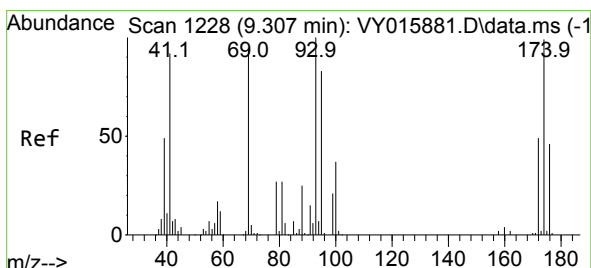
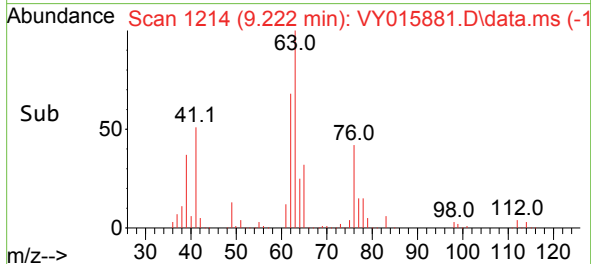
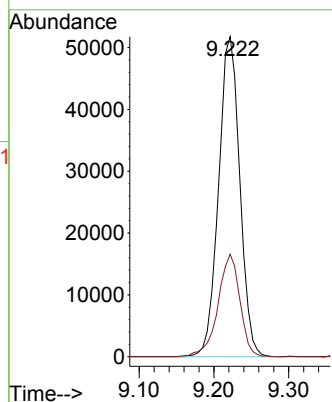
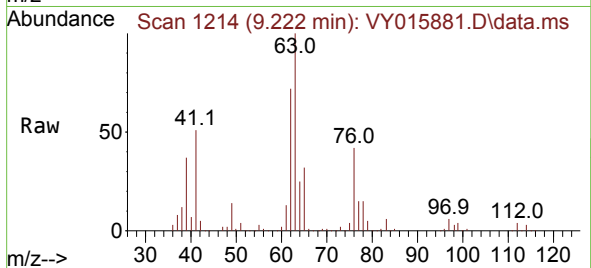
ClientSampleId :

Tgt Ion: 63 Resp: 102192

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.6



#46

Dibromomethane

Concen: 53.853 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

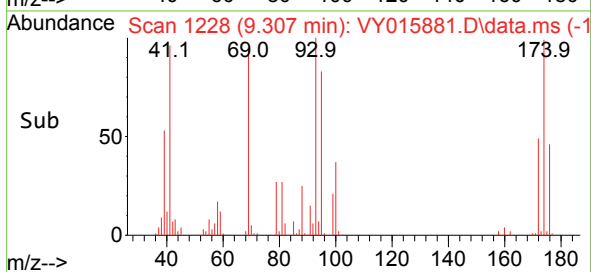
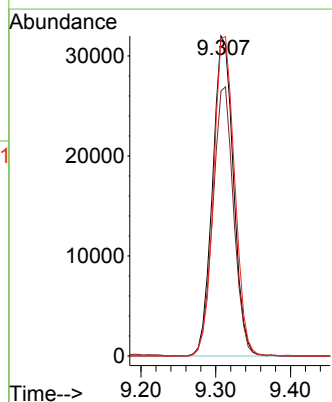
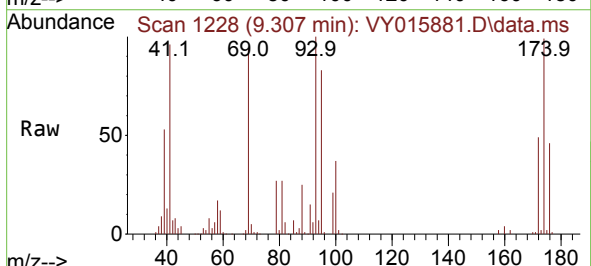
Tgt Ion: 93 Resp: 62087

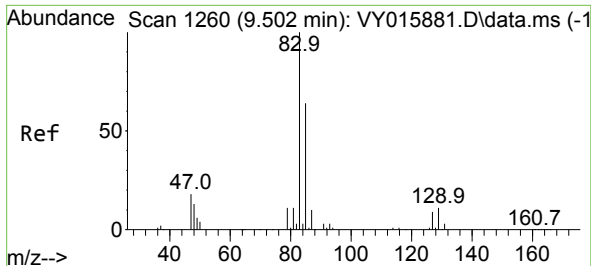
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 100.6 84.8 127.2

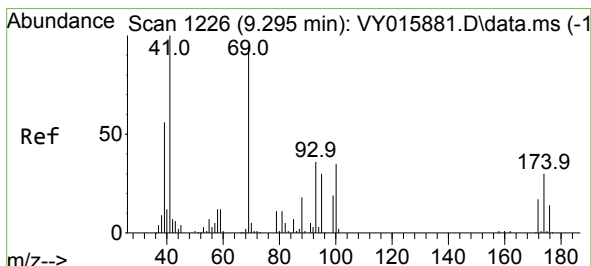
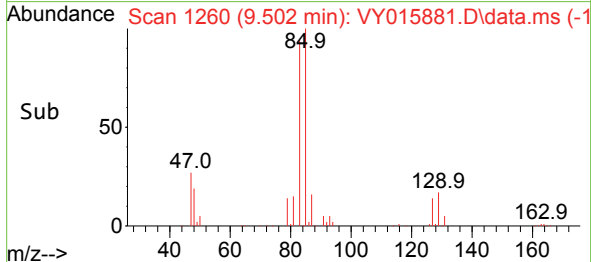
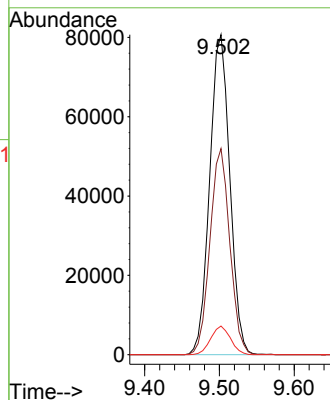
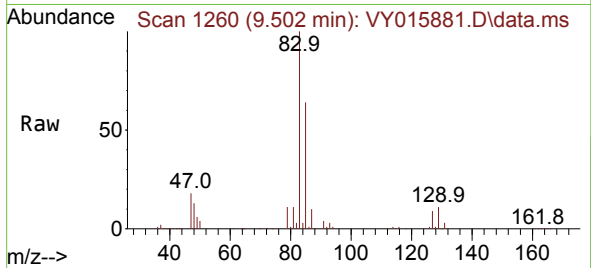




#47
 Bromodichloromethane
 Concen: 52.700 ug/l
 RT: 9.502 min Scan# 1260
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

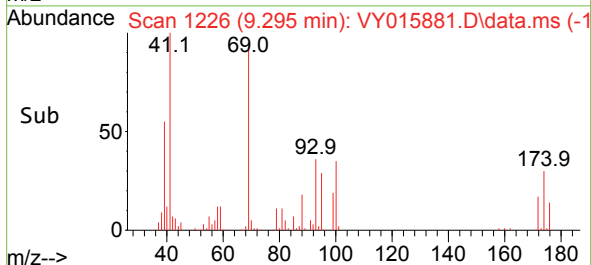
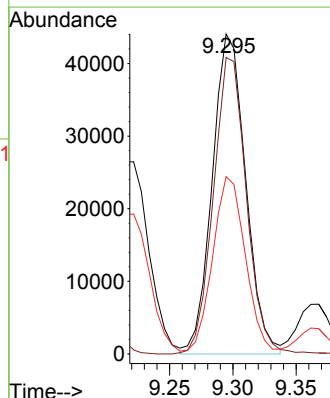
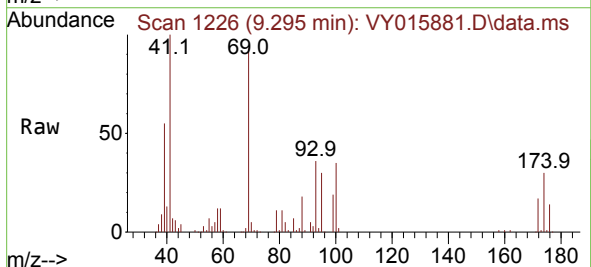
Instrument :
 MSVOA_Y
 ClientSampleId :

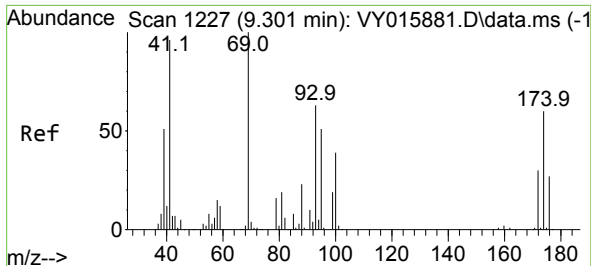
Tgt Ion: 83 Resp: 151109
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.1 75.1
 127 8.9 7.1 10.7



#48
 Methyl methacrylate
 Concen: 56.232 ug/l
 RT: 9.295 min Scan# 1226
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

Tgt Ion: 41 Resp: 80914
 Ion Ratio Lower Upper
 41 100
 69 91.7 64.5 96.7
 39 54.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1095.186 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

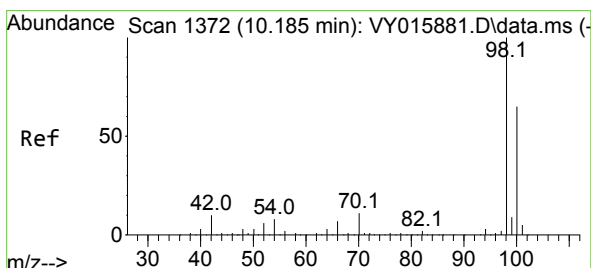
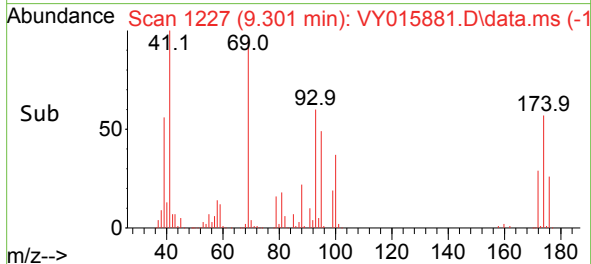
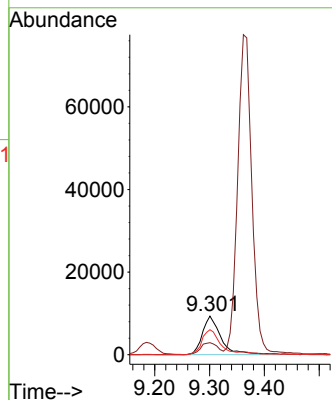
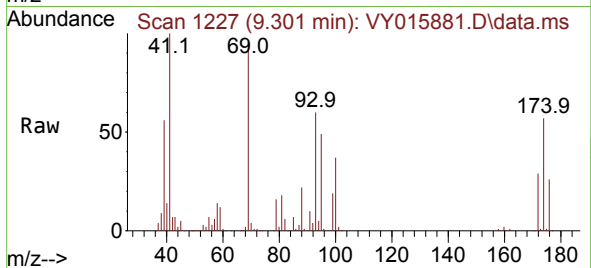
Tgt Ion: 88 Resp: 21949

Ion Ratio Lower Upper

88 100

43 29.5 0.0 0.0#

58 61.5 30.9 46.3#



#50

Toluene-d8

Concen: 49.666 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015881.D

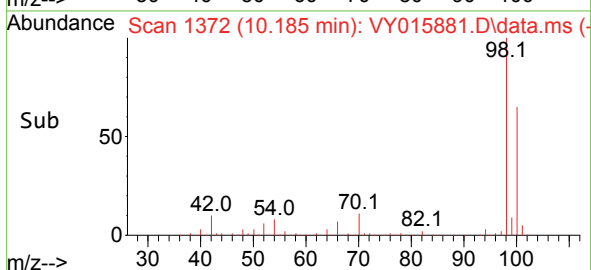
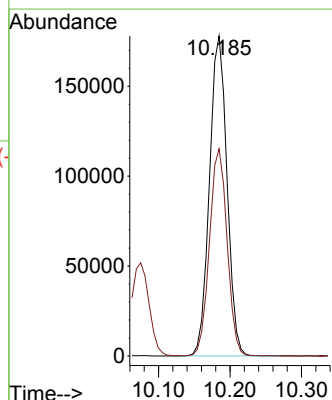
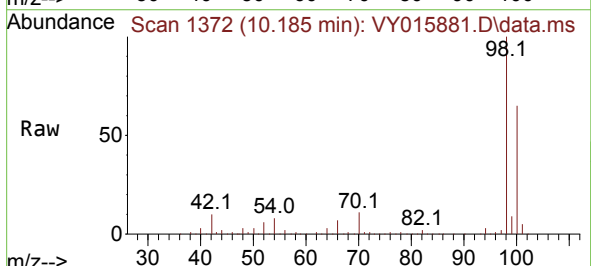
Acq: 09 Oct 2023 14:45

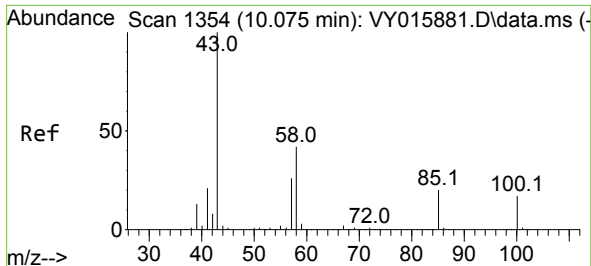
Tgt Ion: 98 Resp: 302911

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 269.628 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

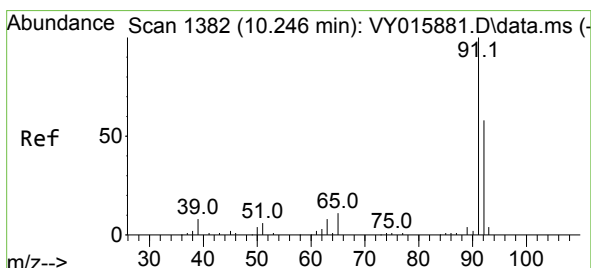
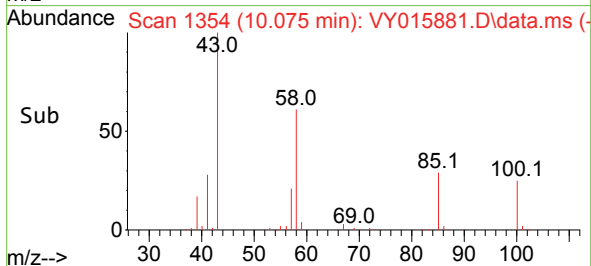
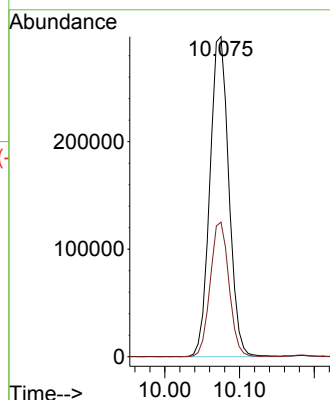
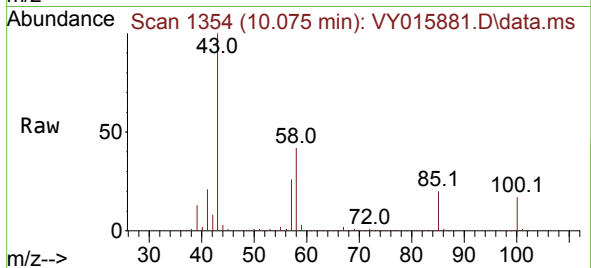
ClientSampleId :

Tgt Ion: 43 Resp: 525613

Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



#52

Toluene

Concen: 53.662 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY015881.D

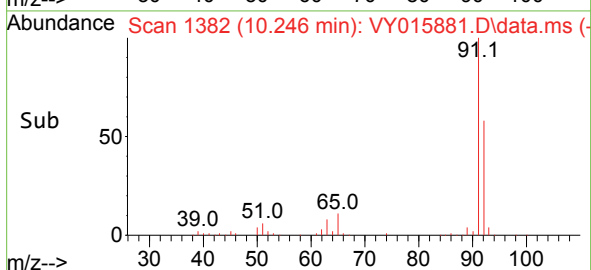
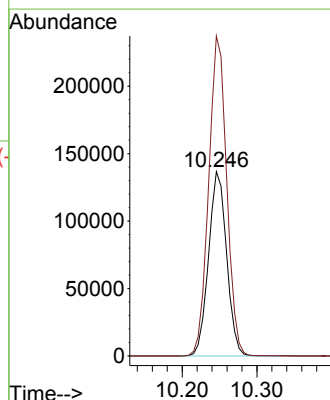
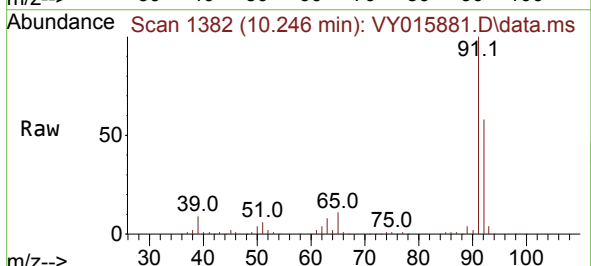
Acq: 09 Oct 2023 14:45

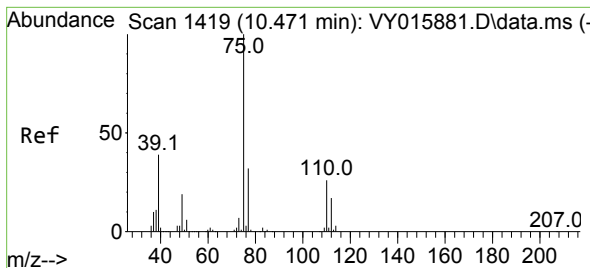
Tgt Ion: 92 Resp: 229430

Ion Ratio Lower Upper

92 100

91 173.2 143.8 215.6

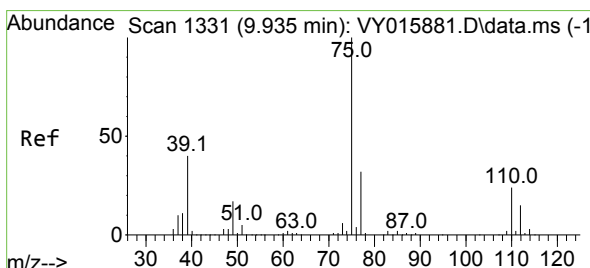
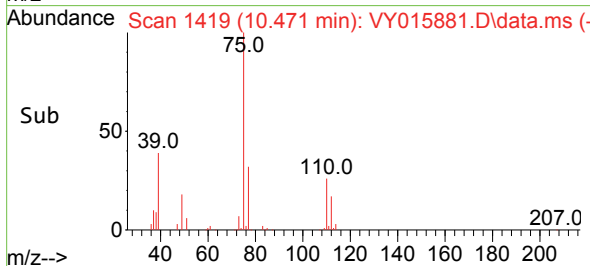
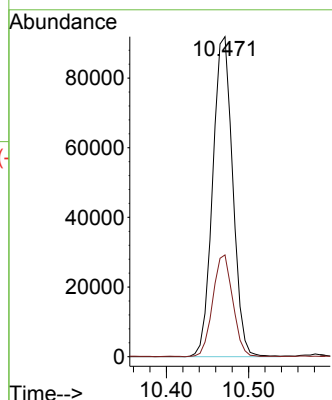
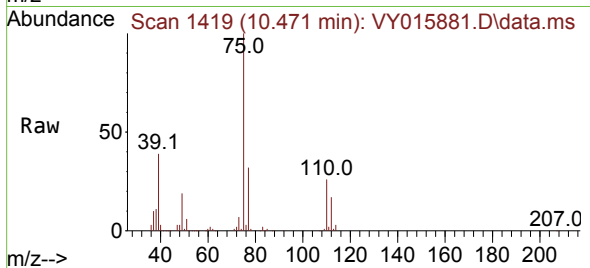




#53
 t-1,3-Dichloropropene
 Concen: 53.626 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

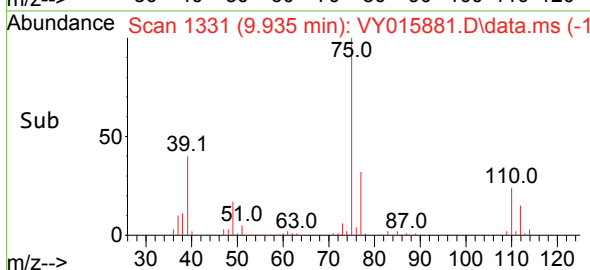
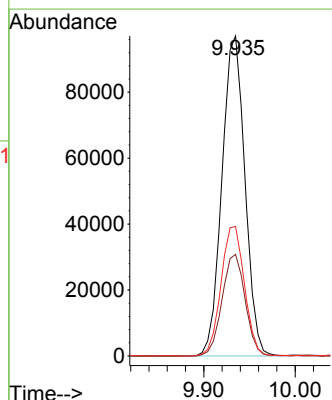
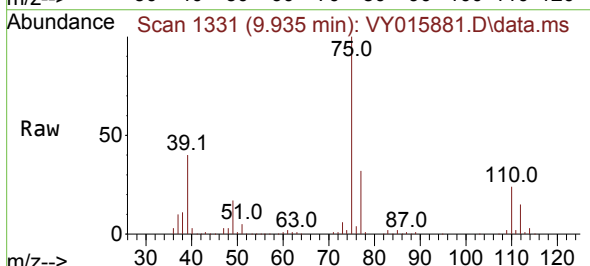
Instrument :
 MSVOA_Y
 ClientSampleId :

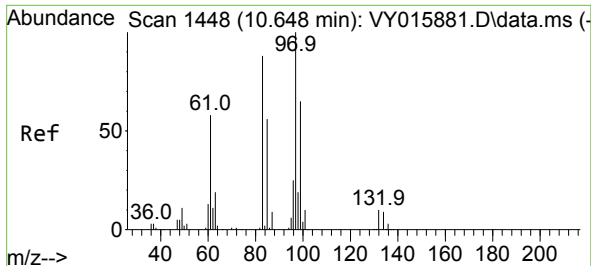
Tgt Ion: 75 Resp: 155448
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.897 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

Tgt Ion: 75 Resp: 169709
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 40.4 42.2 63.4#

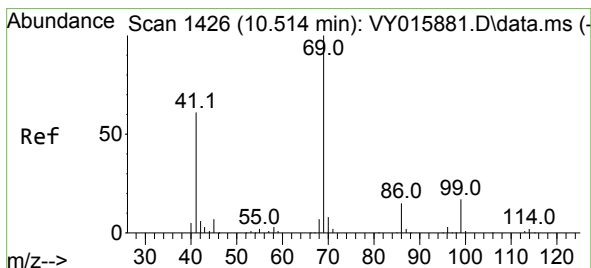
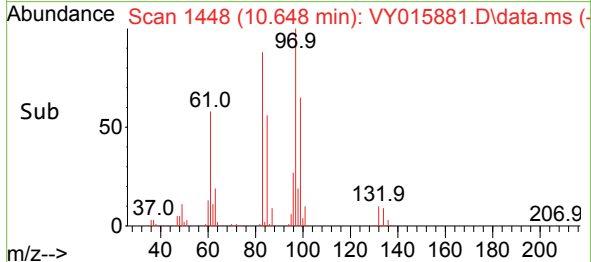
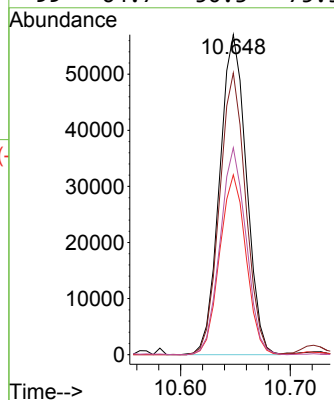
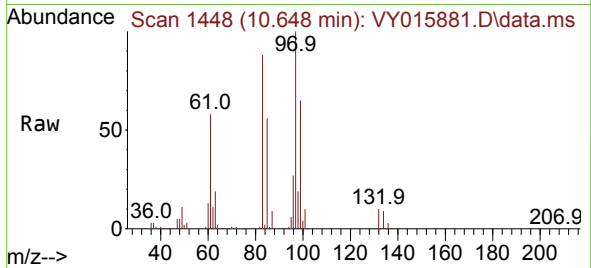




#55
1,1,2-Trichloroethane
Concen: 52.748 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

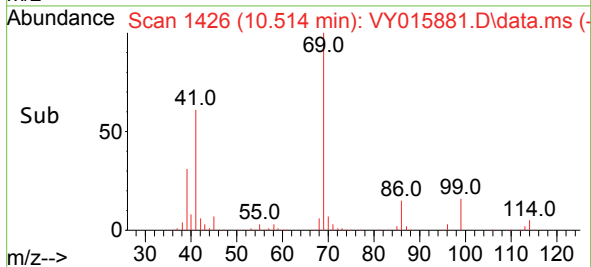
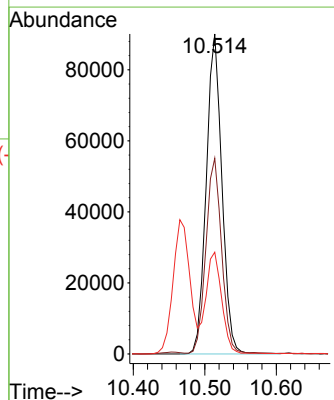
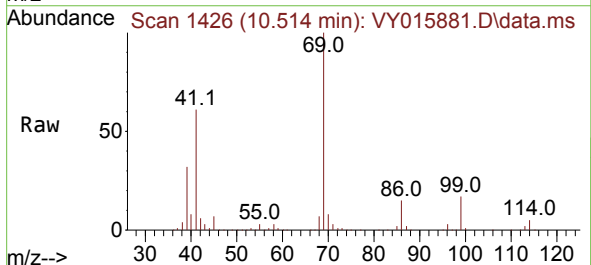
Instrument :
MSVOA_Y
ClientSampleId :

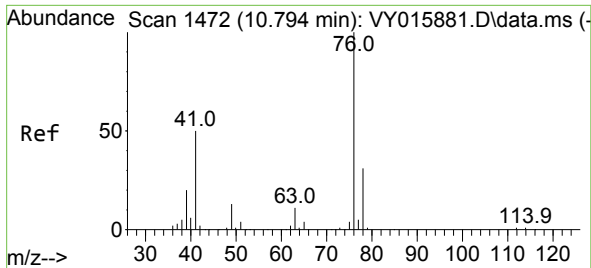
Tgt Ion:	97	Resp:	96832
Ion	Ratio	Lower	Upper
97	100		
83	88.1	72.0	108.0
85	56.2	45.4	68.0
99	64.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 54.995 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion:	69	Resp:	137061
Ion	Ratio	Lower	Upper
69	100		
41	61.1	57.6	86.4
39	32.3	34.1	51.1#

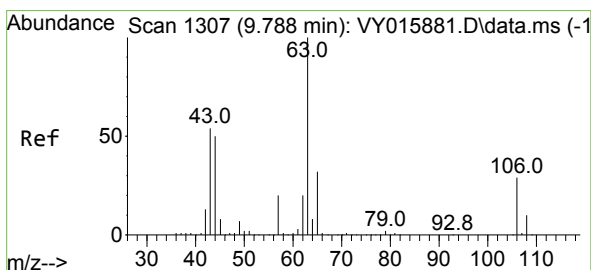
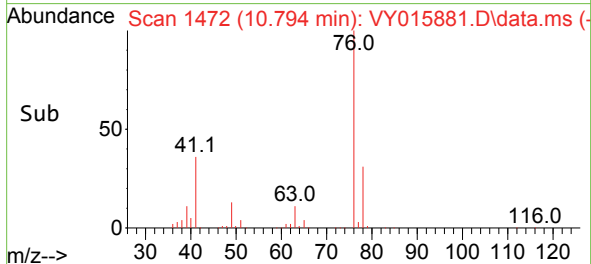
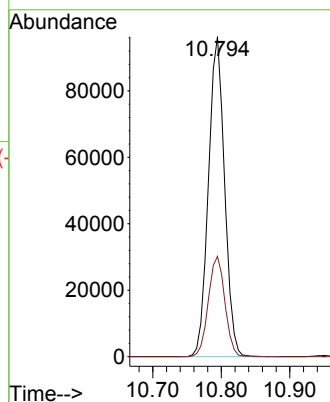
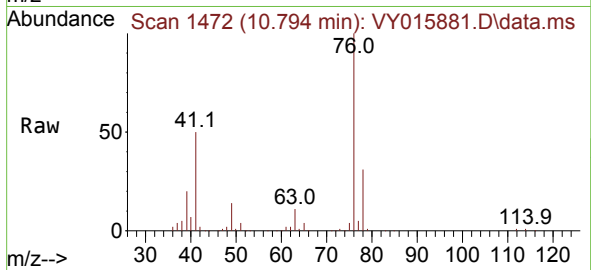




#57
1,3-Dichloropropane
Concen: 53.241 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

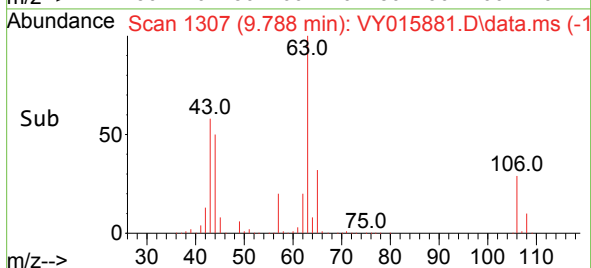
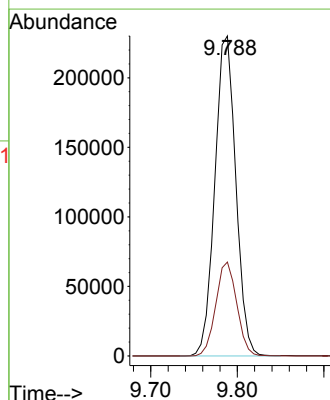
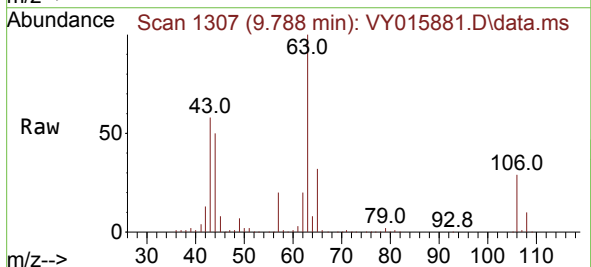
Instrument :
MSVOA_Y
ClientSampleId :

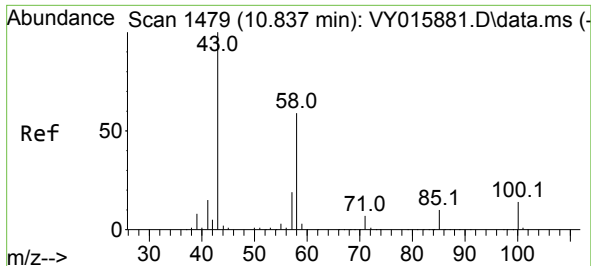
Tgt Ion: 76 Resp: 157578
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 254.868 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 63 Resp: 387160
Ion Ratio Lower Upper
63 100
106 29.3 21.2 31.8

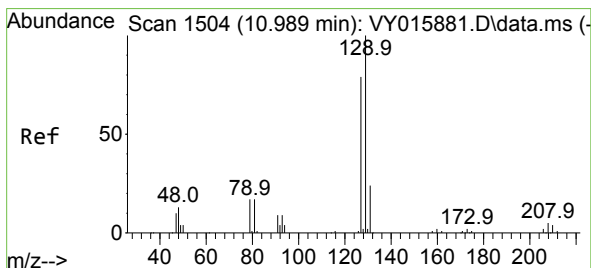
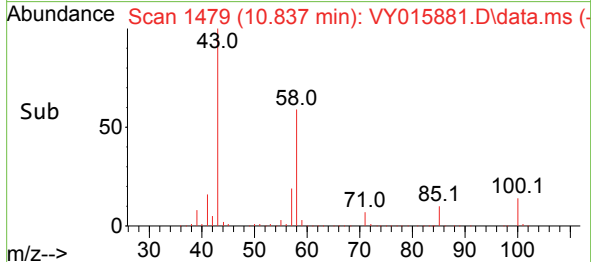
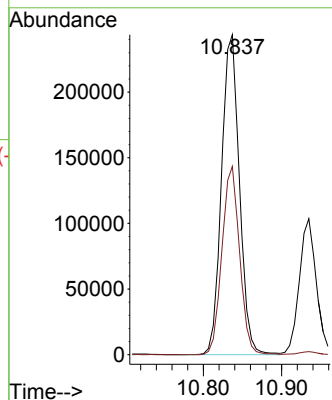
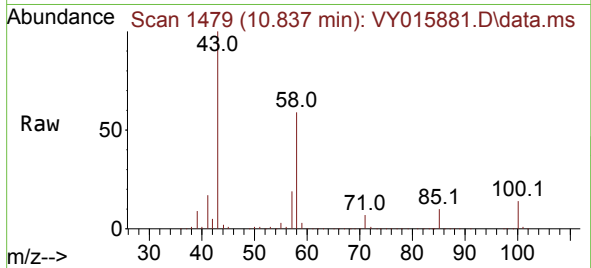




#59
2-Hexanone
Concen: 262.876 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

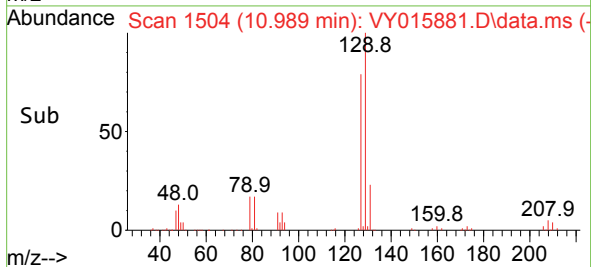
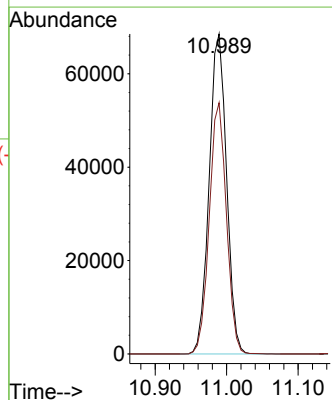
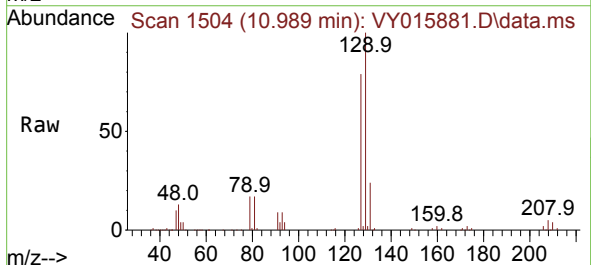
Instrument :
MSVOA_Y
ClientSampleId :

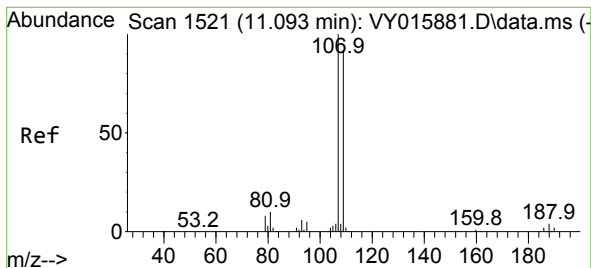
Tgt Ion: 43 Resp: 387695
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 52.628 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion:129 Resp: 115821
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

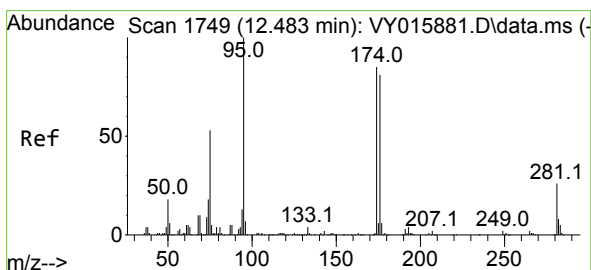
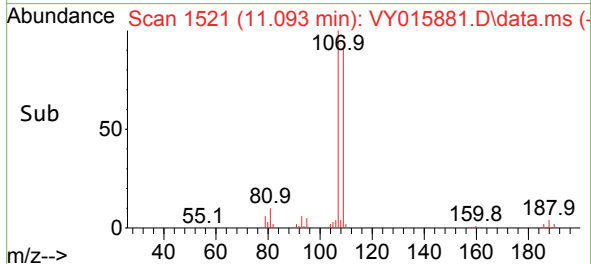
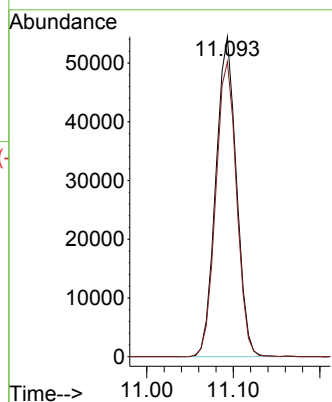
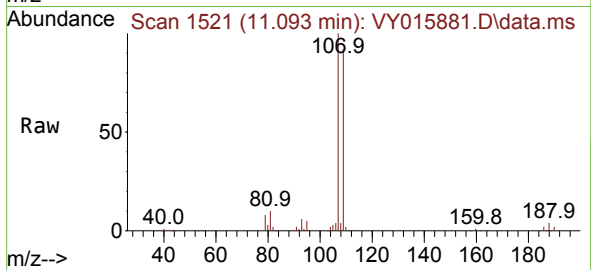




#61
1,2-Dibromoethane
Concen: 53.732 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

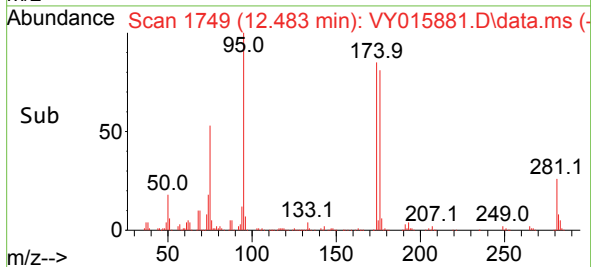
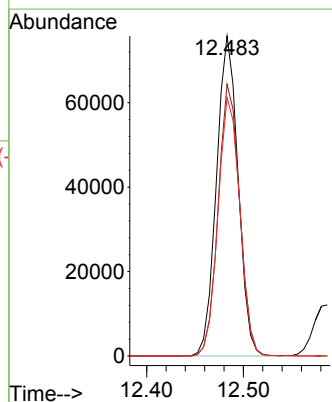
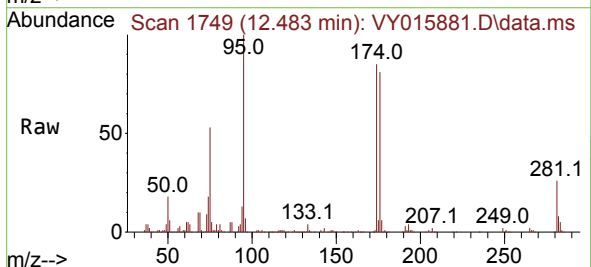
Instrument :
MSVOA_Y
ClientSampleId :

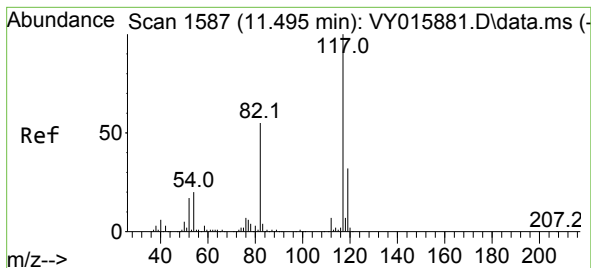
Tgt Ion:107 Resp: 90089
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.416 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 95 Resp: 117461
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: 11.495 min Scan# 11

Delta R.T. 0.000 min

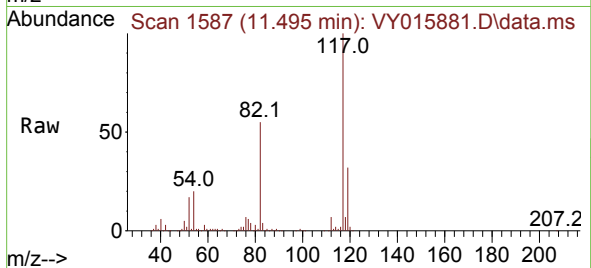
Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :



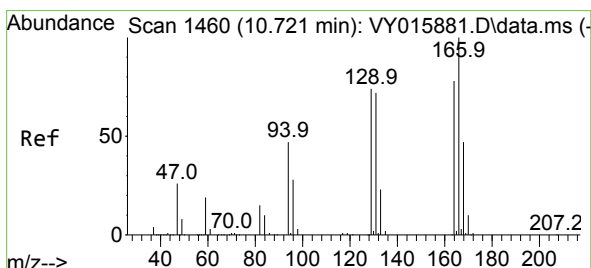
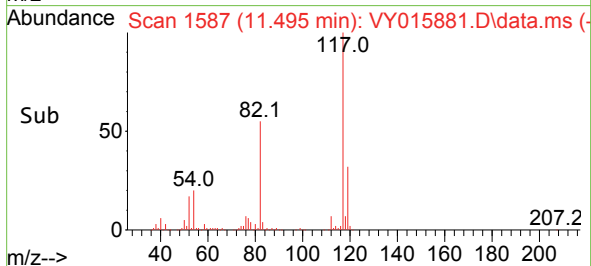
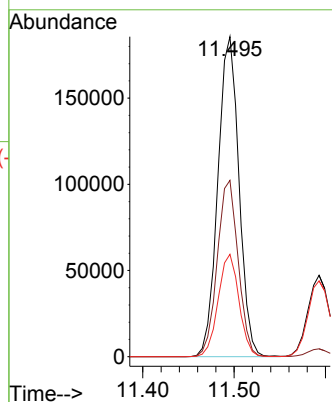
Tgt Ion:117 Resp: 298089

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 52.538 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Tgt Ion:164 Resp: 102205

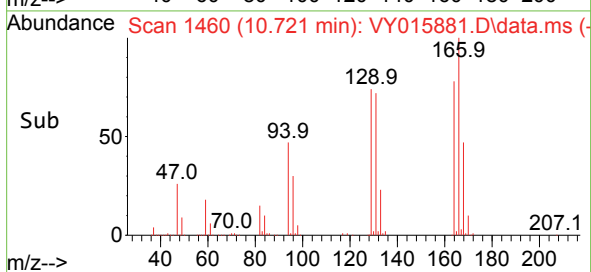
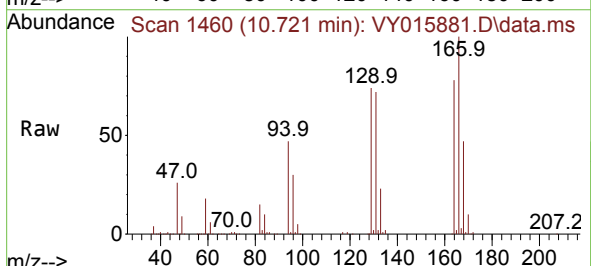
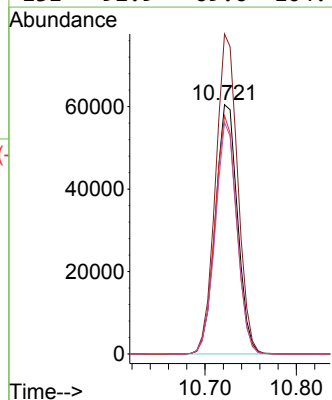
Ion Ratio Lower Upper

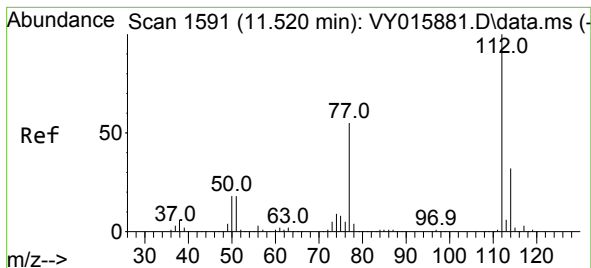
164 100

166 128.4 103.0 154.6

129 95.6 77.2 115.8

131 92.9 69.6 104.4





#65

Chlorobenzene

Concen: 52.071 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

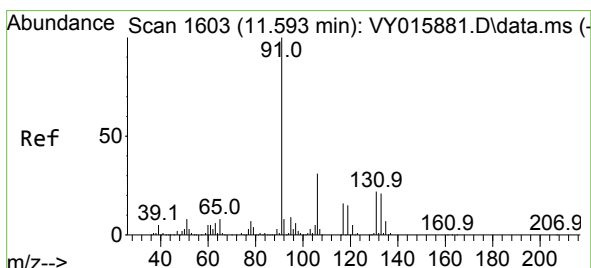
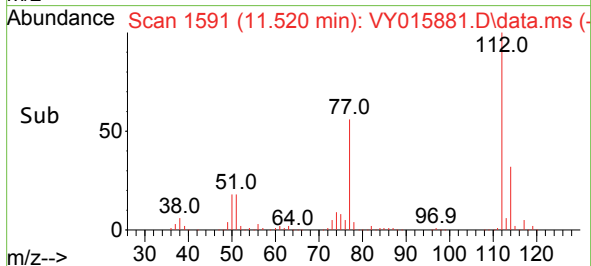
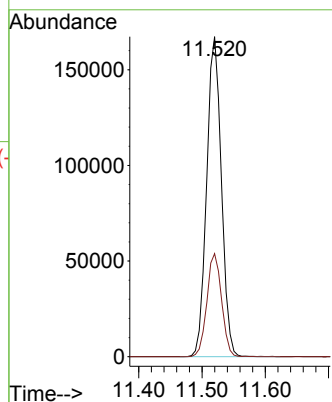
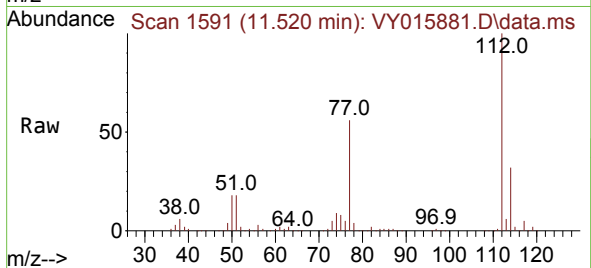
ClientSampleId :

Tgt Ion:112 Resp: 270744

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.200 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

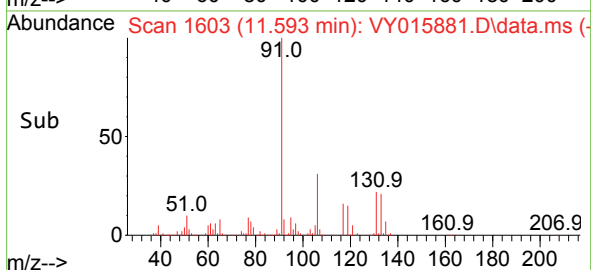
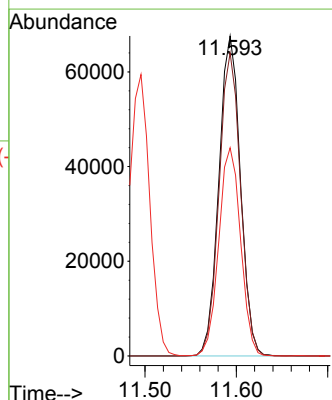
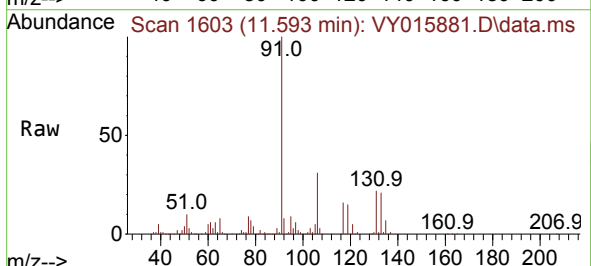
Tgt Ion:131 Resp: 110935

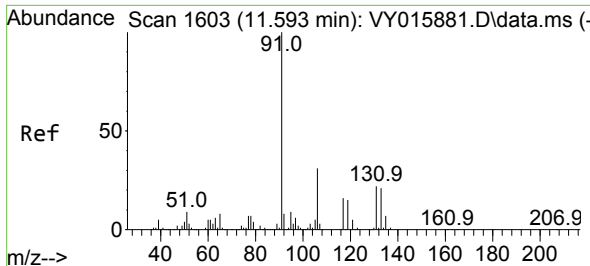
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

119 65.9 31.6 94.7

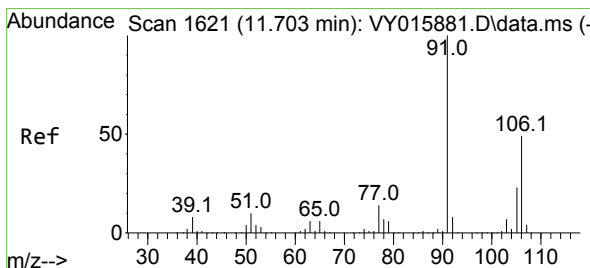
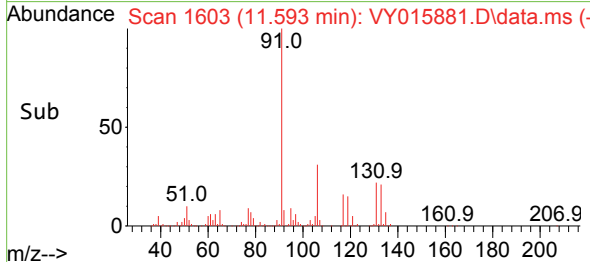
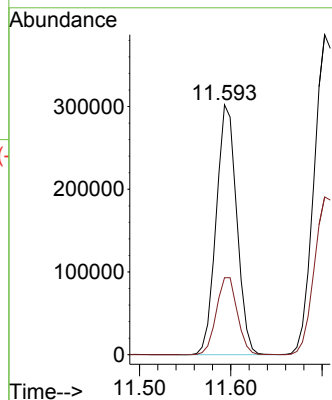
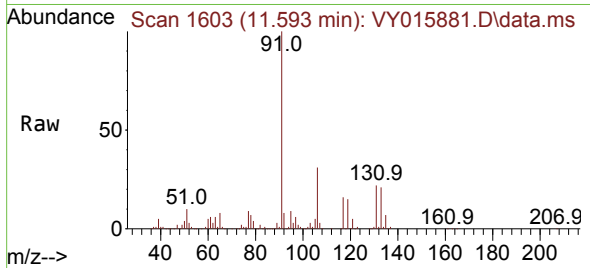




#67
Ethyl Benzene
Concen: 52.890 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

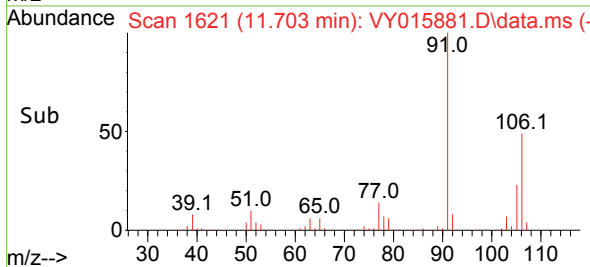
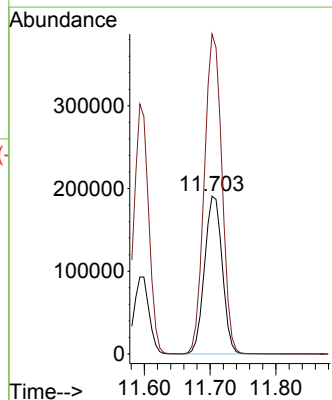
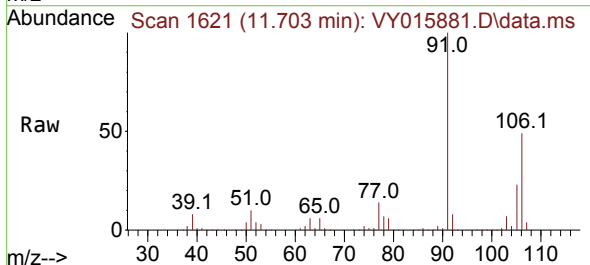
Instrument :
MSVOA_Y
ClientSampleId :

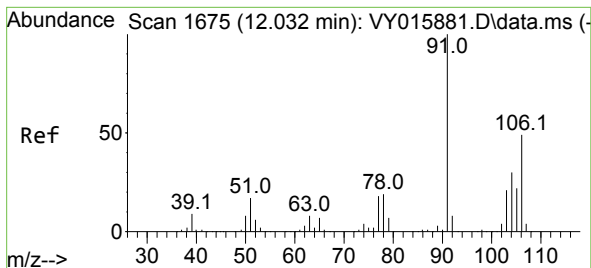
Tgt Ion: 91 Resp: 471785
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 105.972 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion:106 Resp: 356195
Ion Ratio Lower Upper
106 100
91 201.7 166.1 249.1





#69

o-Xylene

Concen: 53.598 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

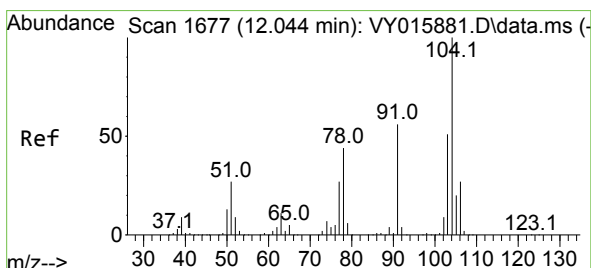
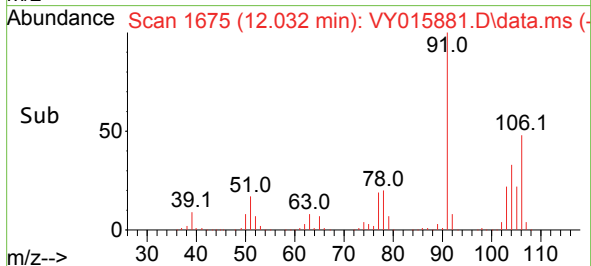
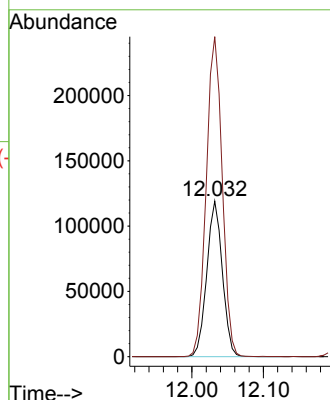
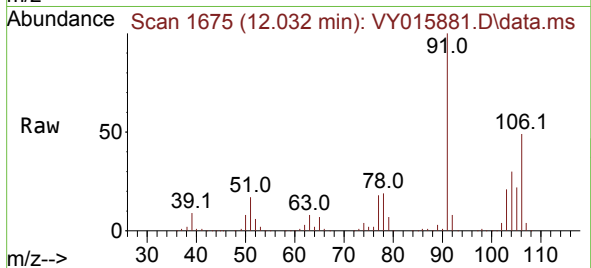
ClientSampleId :

Tgt Ion:106 Resp: 180251

Ion Ratio Lower Upper

106 100

91 210.9 108.1 324.3



#70

Styrene

Concen: 54.005 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

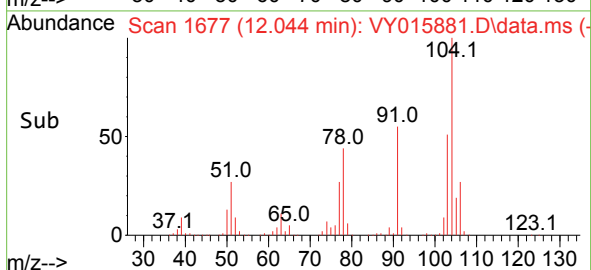
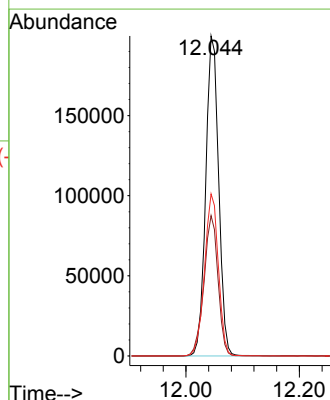
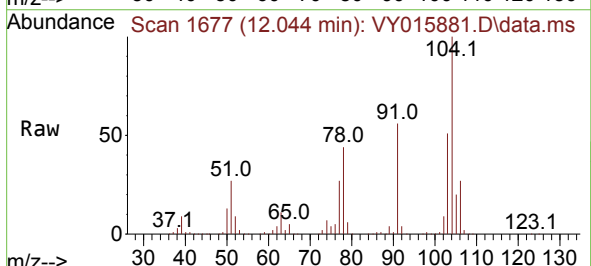
Tgt Ion:104 Resp: 316880

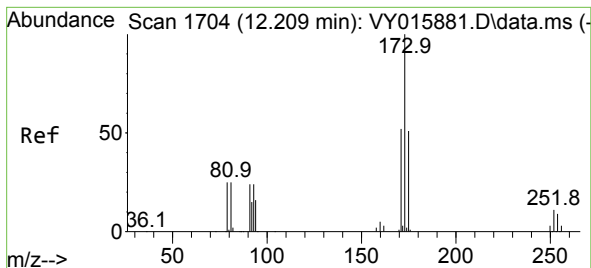
Ion Ratio Lower Upper

104 100

78 47.5 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 52.895 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

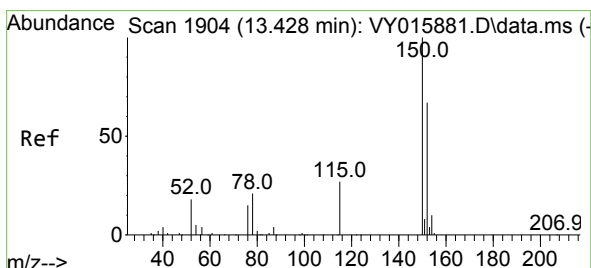
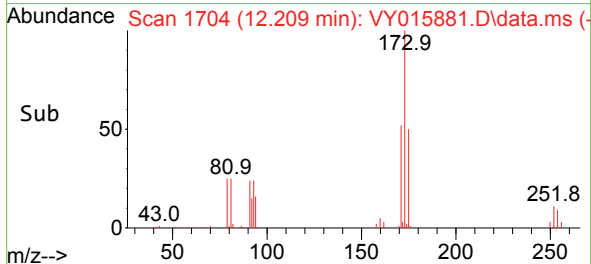
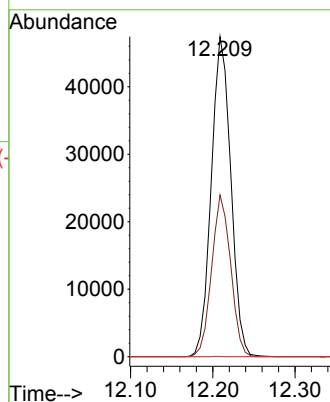
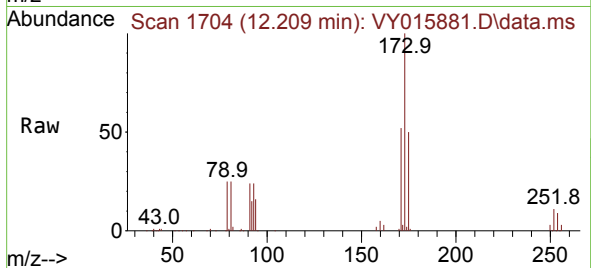
Tgt Ion:173 Resp: 78279

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

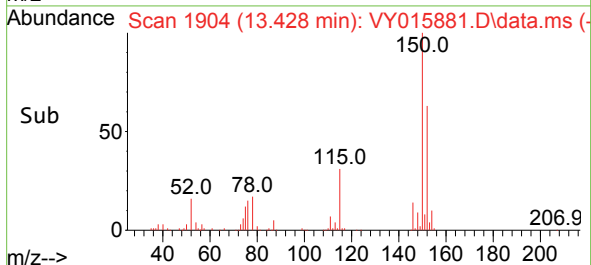
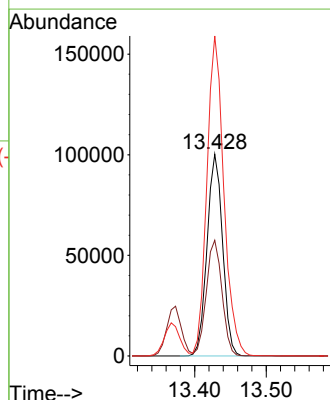
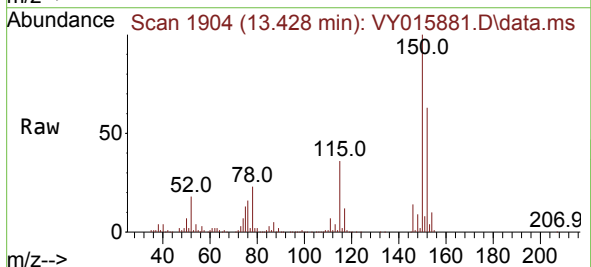
Tgt Ion:152 Resp: 151783

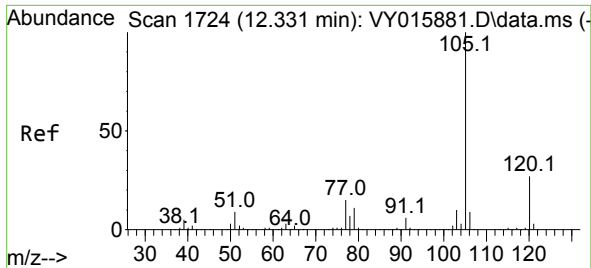
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 173.0 0.0 348.8

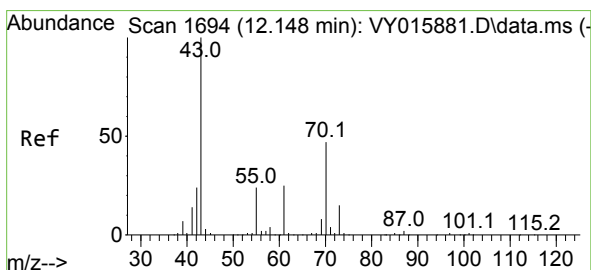
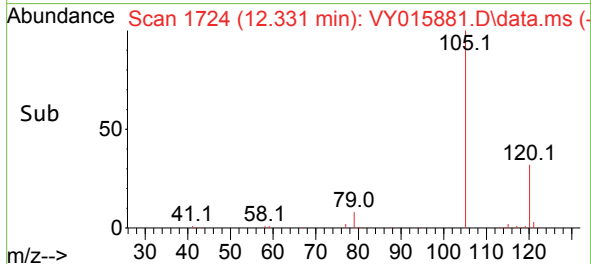
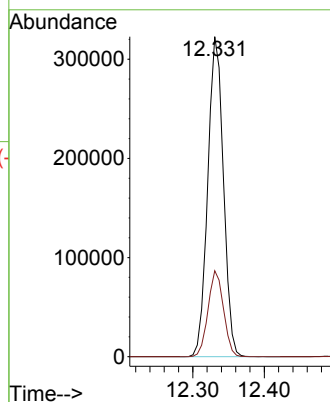
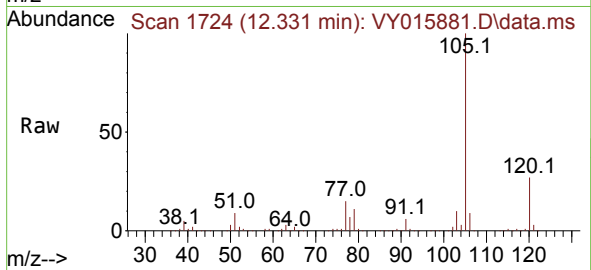




#73
Isopropylbenzene
Concen: 51.233 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

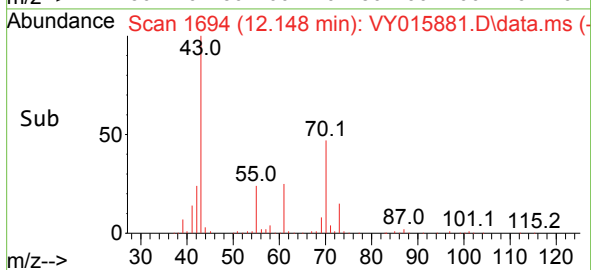
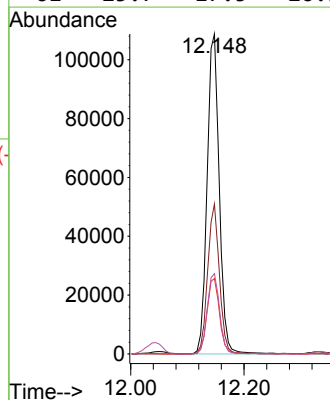
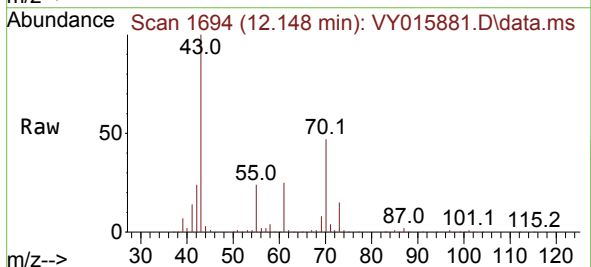
Instrument :
MSVOA_Y
ClientSampleId :

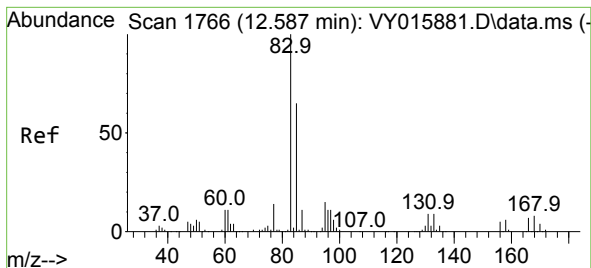
Tgt Ion:105 Resp: 490535
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 53.553 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 43 Resp: 161590
Ion Ratio Lower Upper
43 100
70 45.2 29.7 44.5#
55 24.3 18.3 27.5
61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.835 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

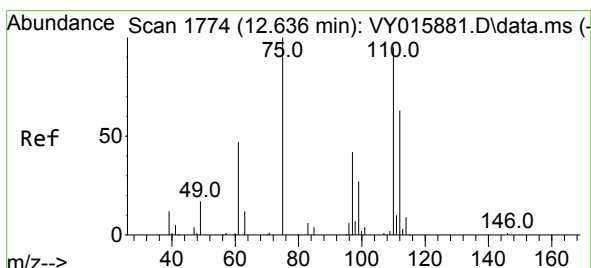
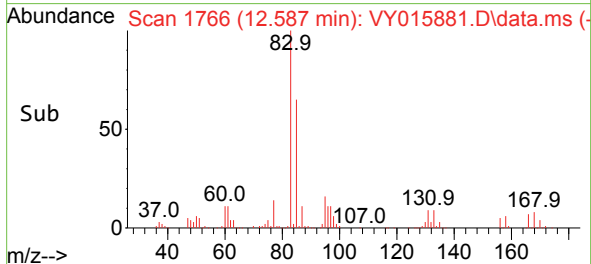
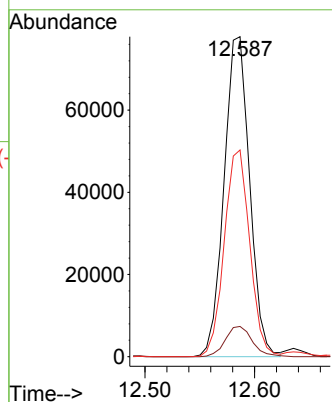
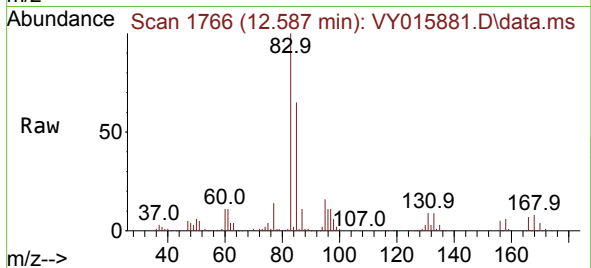
Tgt Ion: 83 Resp: 126208

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.364 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015881.D

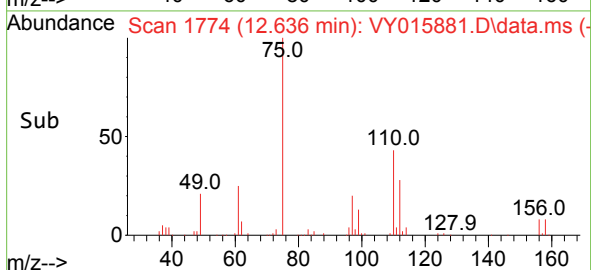
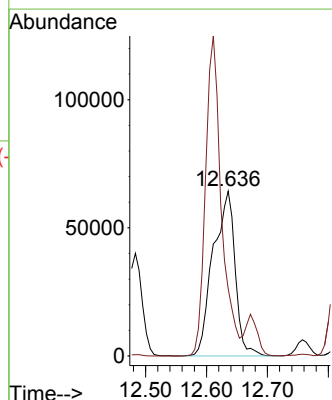
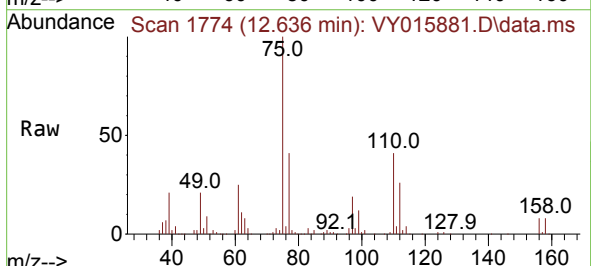
Acq: 09 Oct 2023 14:45

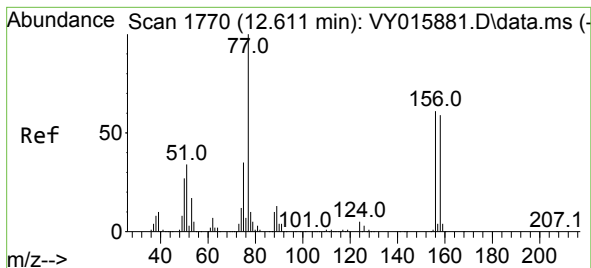
Tgt Ion: 75 Resp: 161357

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.989 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

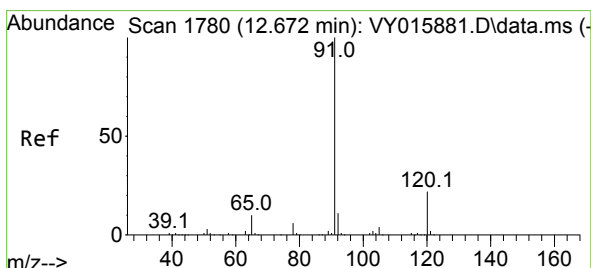
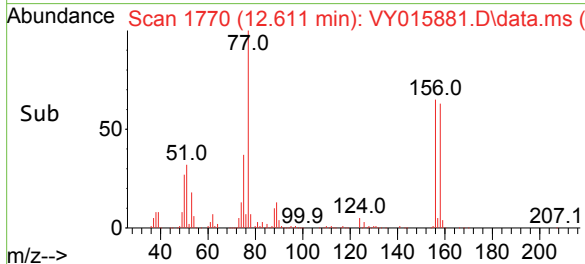
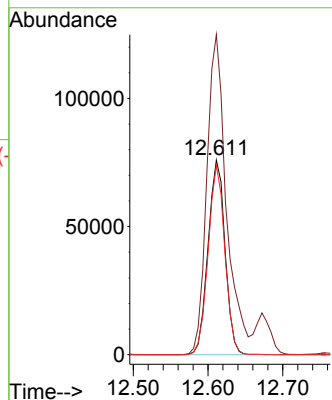
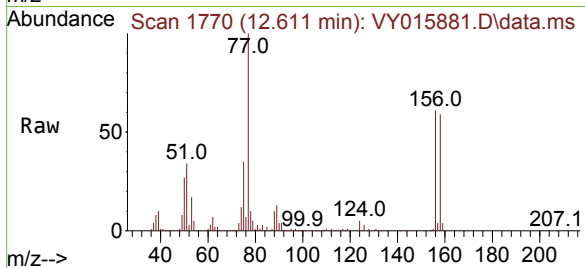
Tgt Ion:156 Resp: 119708

Ion Ratio Lower Upper

156 100

77 189.2 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 51.469 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015881.D

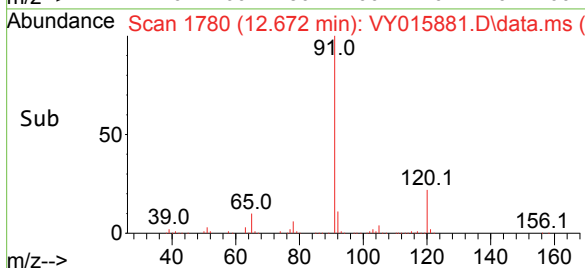
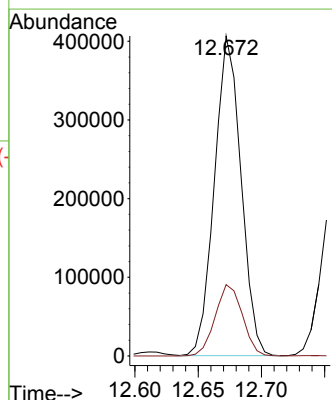
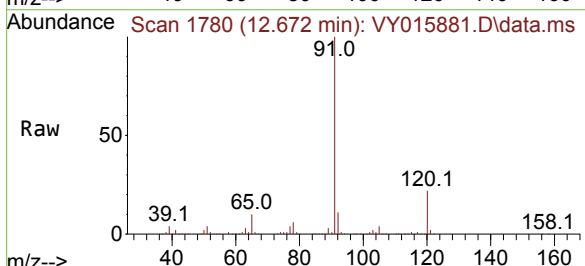
Acq: 09 Oct 2023 14:45

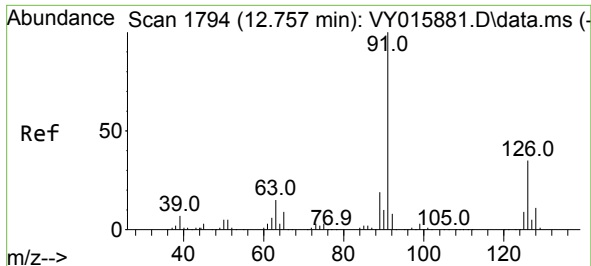
Tgt Ion: 91 Resp: 592623

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.669 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

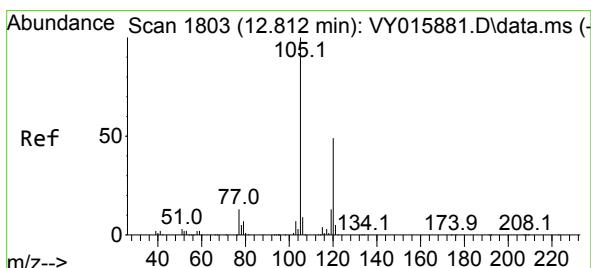
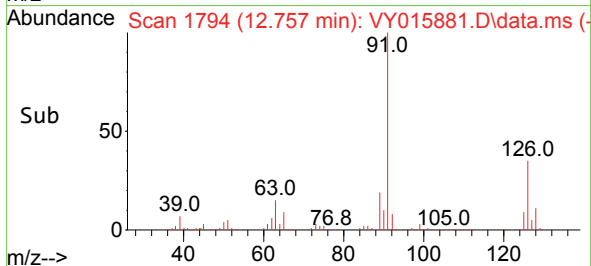
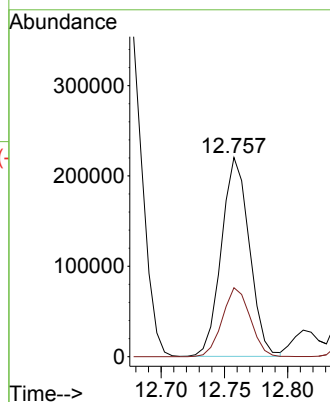
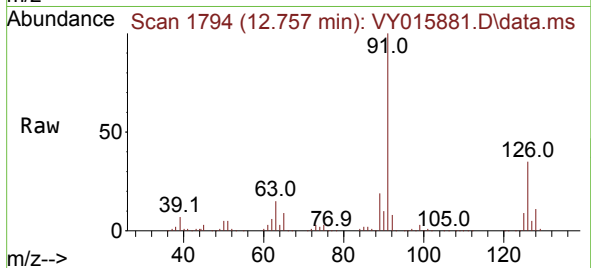
ClientSampleId :

Tgt Ion: 91 Resp: 338887

Ion Ratio Lower Upper

91 100

126 34.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.829 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015881.D

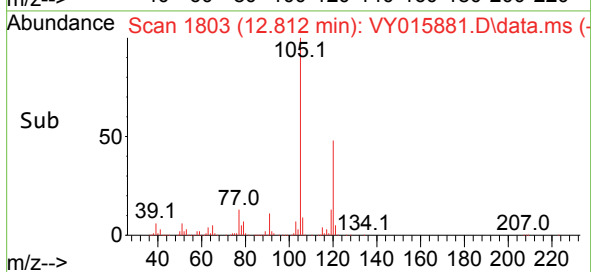
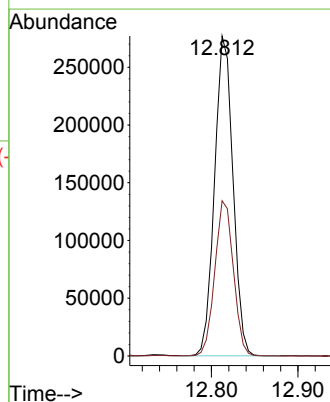
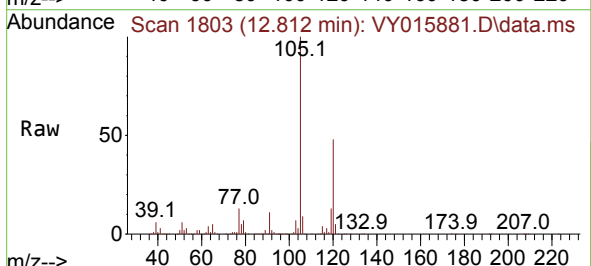
Acq: 09 Oct 2023 14:45

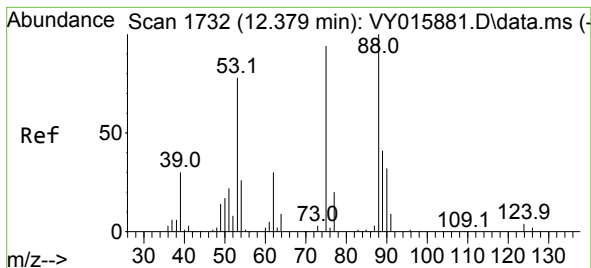
Tgt Ion: 105 Resp: 409001

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7

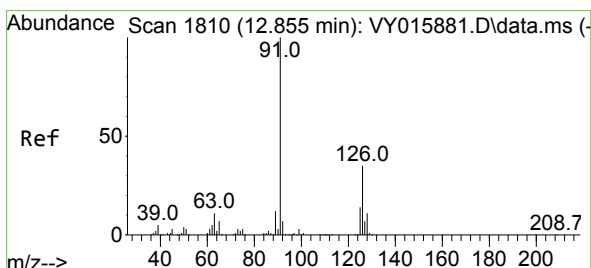
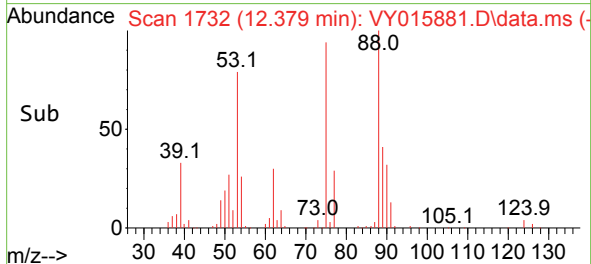
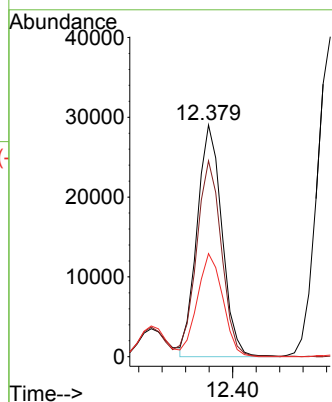
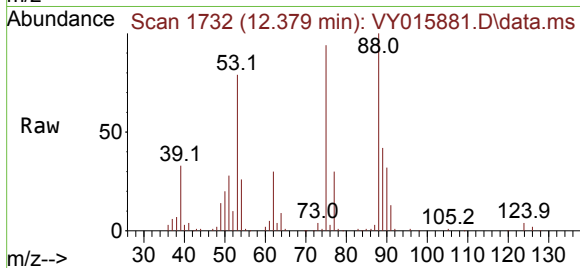




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.500 ug/l
 RT: 12.379 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

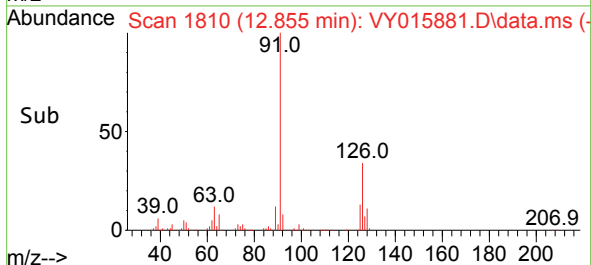
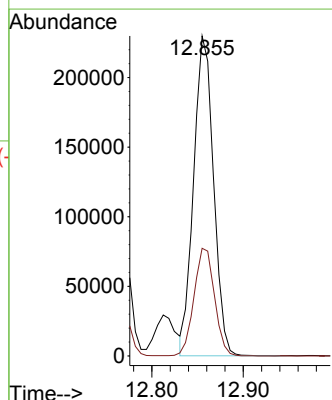
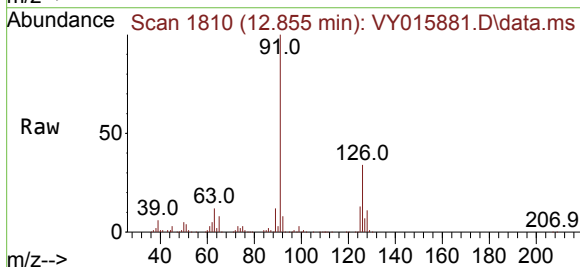
Instrument :
 MSVOA_Y
 ClientSampleId :

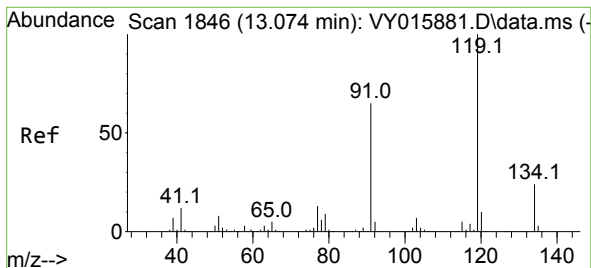
Tgt Ion: 75 Resp: 42749
 Ion Ratio Lower Upper
 75 100
 53 85.4 77.8 116.8
 89 45.5 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 50.839 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY015881.D
 Acq: 09 Oct 2023 14:45

Tgt Ion: 91 Resp: 347482
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.6

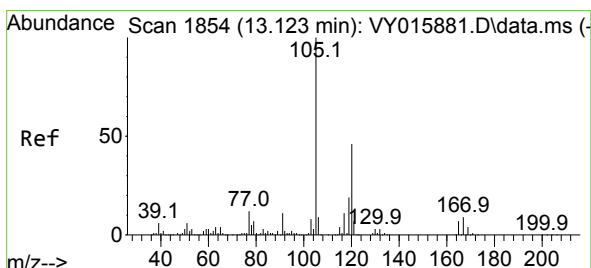
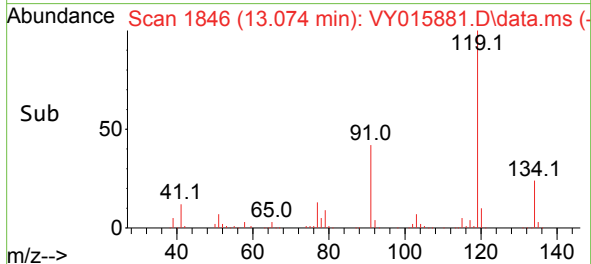
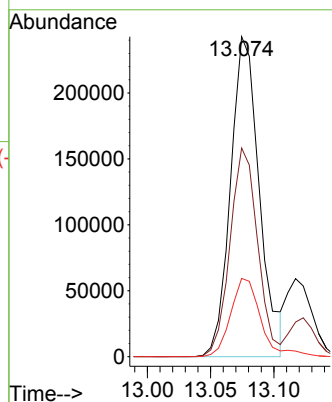
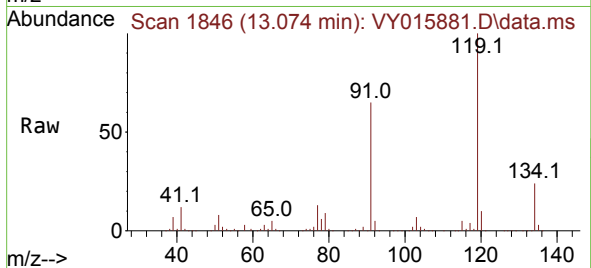




#83
tert-Butylbenzene
Concen: 52.226 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

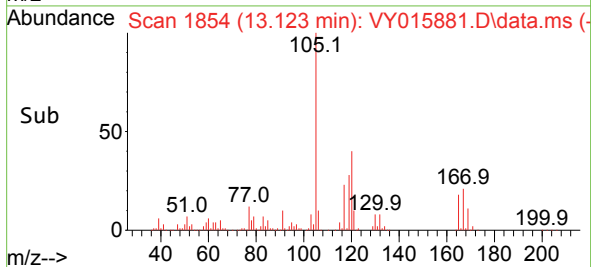
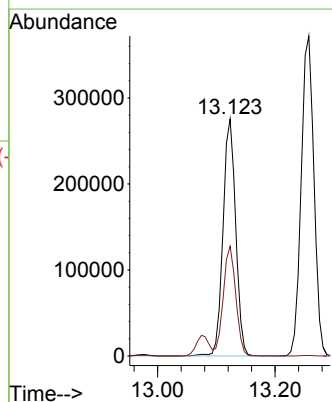
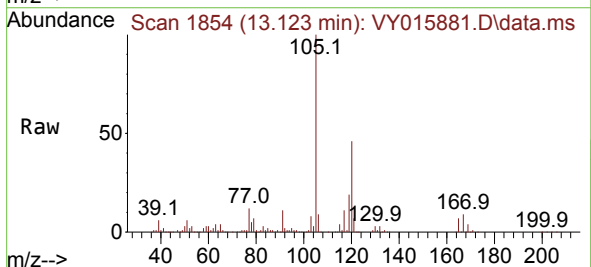
Instrument :
MSVOA_Y
ClientSampleId :

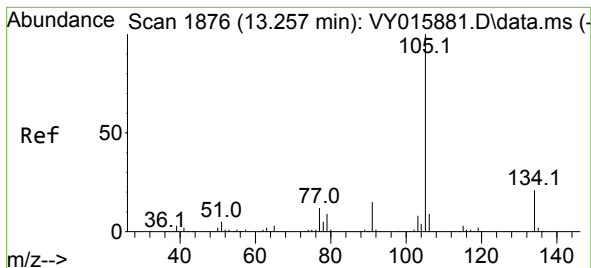
Tgt Ion:119 Resp: 384625
Ion Ratio Lower Upper
119 100
91 62.7 32.9 98.6
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 51.898 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion:105 Resp: 412421
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.701 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

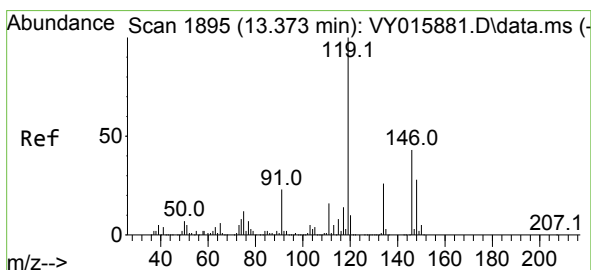
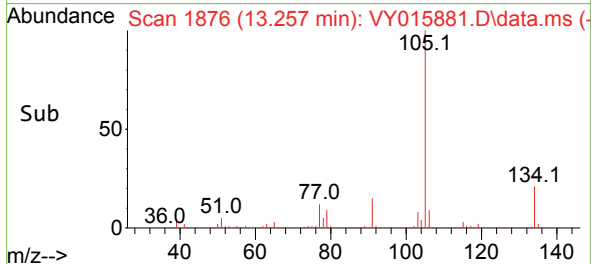
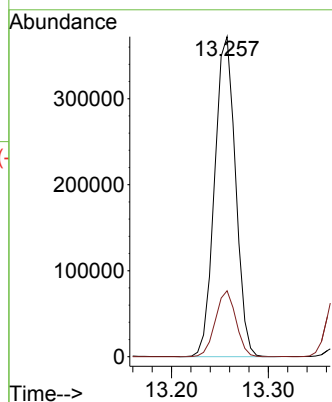
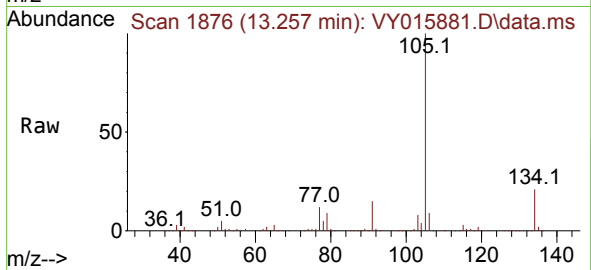
ClientSampleId :

Tgt Ion:105 Resp: 558402

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.249 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

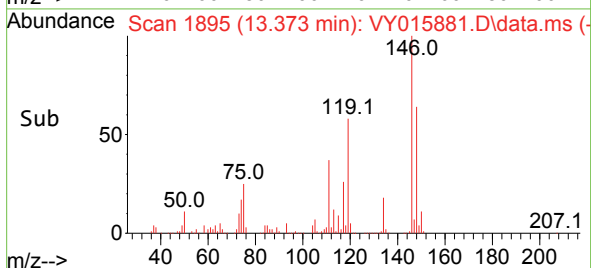
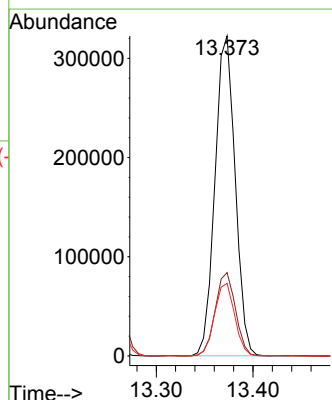
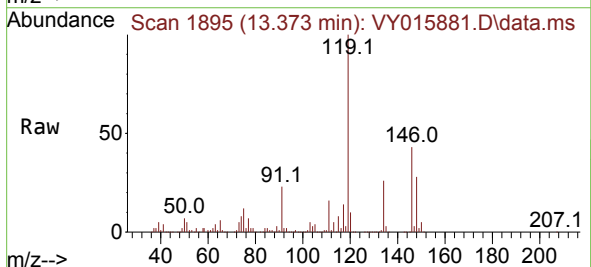
Tgt Ion:119 Resp: 466829

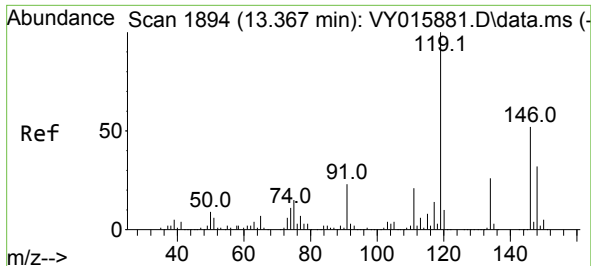
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.546 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

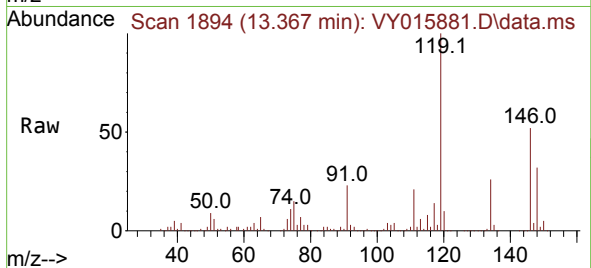
Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :



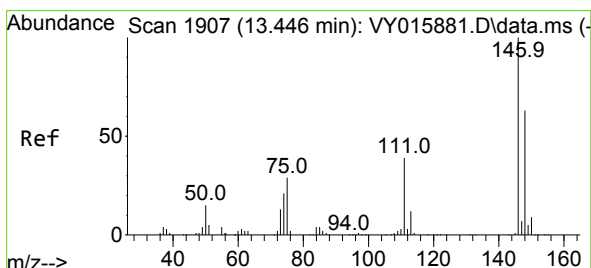
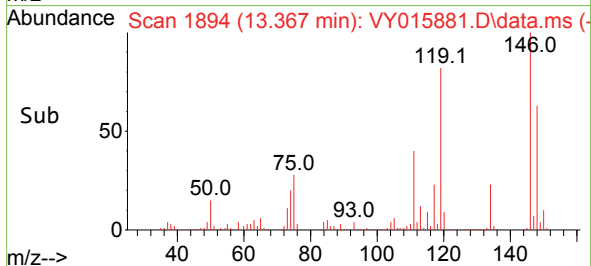
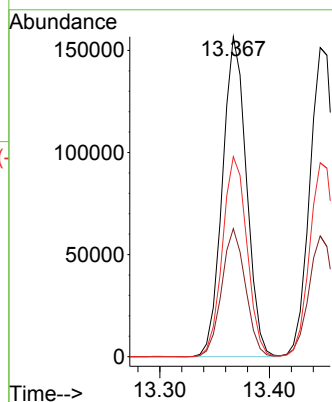
Tgt Ion:146 Resp: 238915

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.602 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

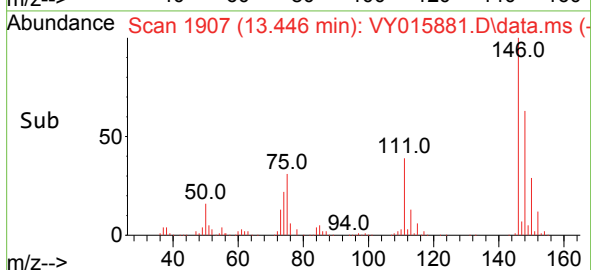
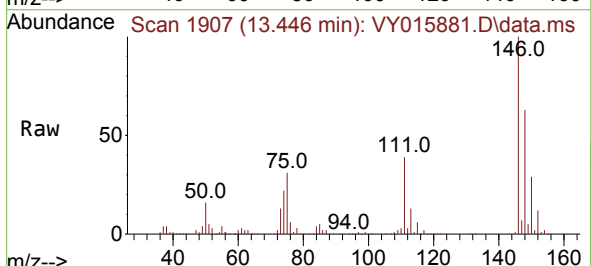
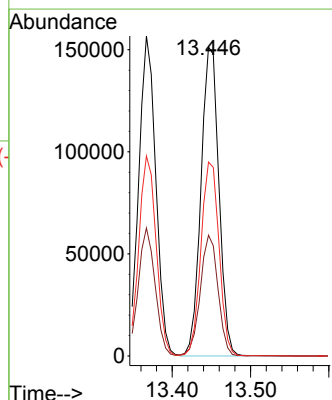
Tgt Ion:146 Resp: 240862

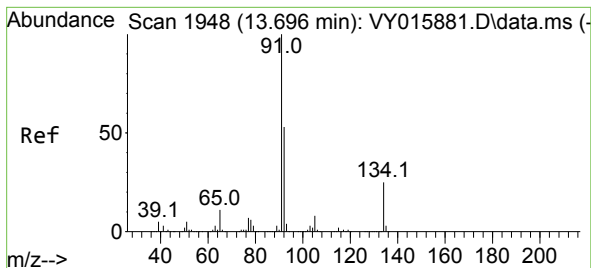
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 52.050 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

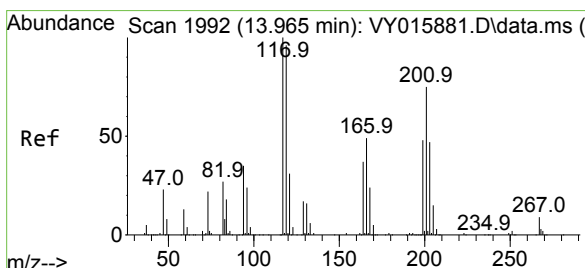
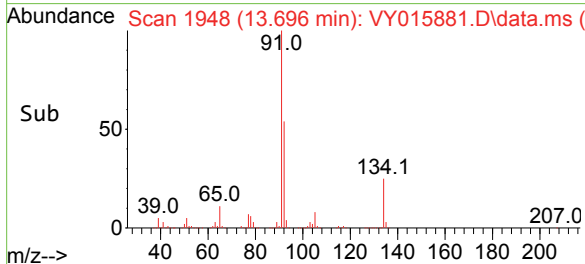
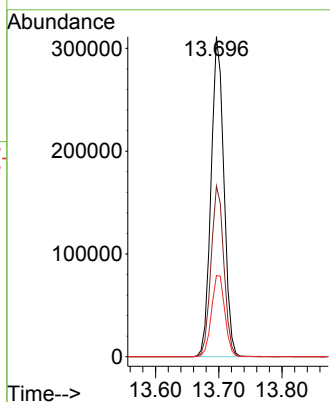
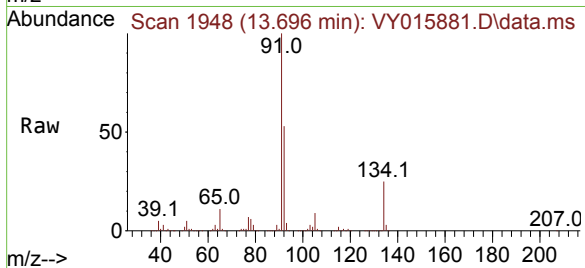
Tgt Ion: 91 Resp: 440083

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 51.150 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015881.D

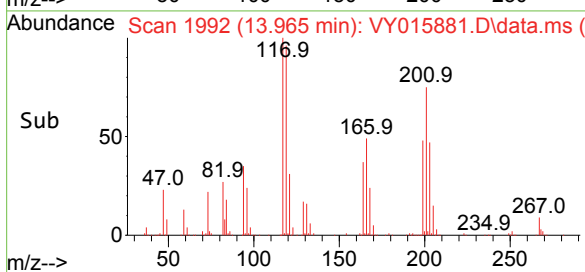
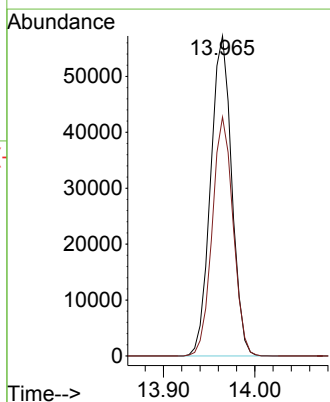
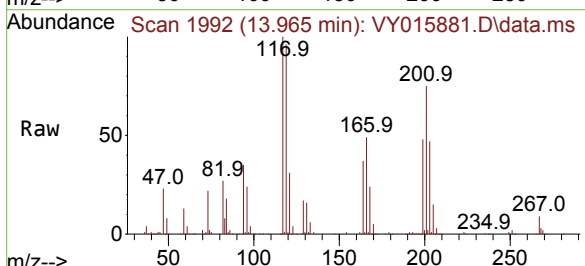
Acq: 09 Oct 2023 14:45

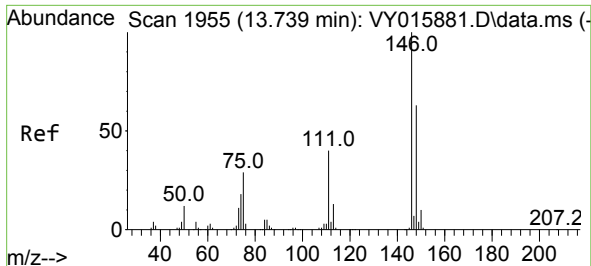
Tgt Ion: 117 Resp: 91716

Ion Ratio Lower Upper

117 100

201 73.9 41.6 124.8

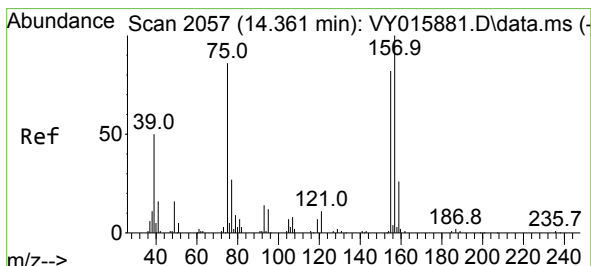
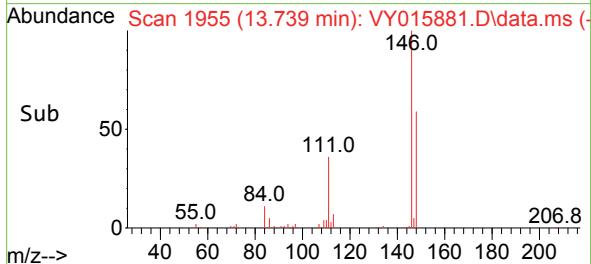
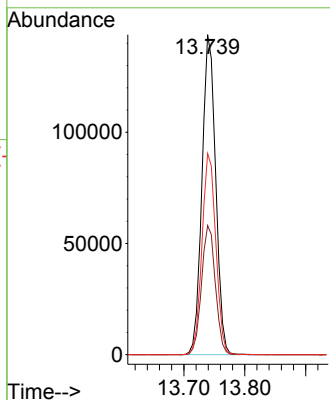
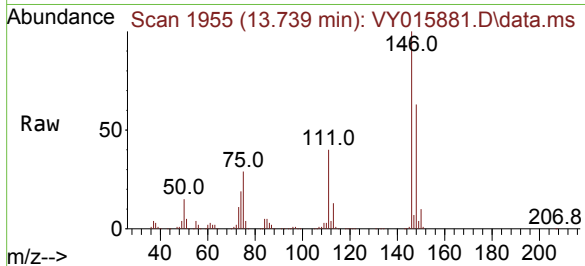




#91
1,2-Dichlorobenzene
Concen: 51.140 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

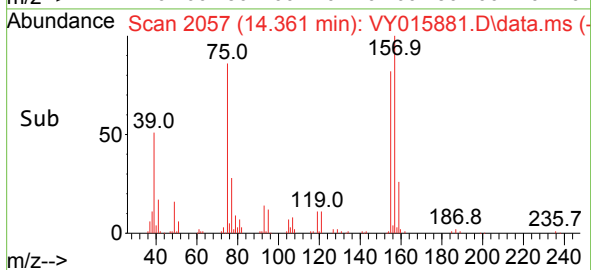
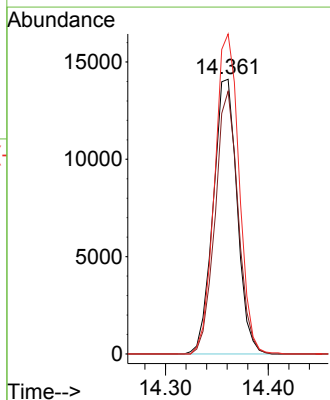
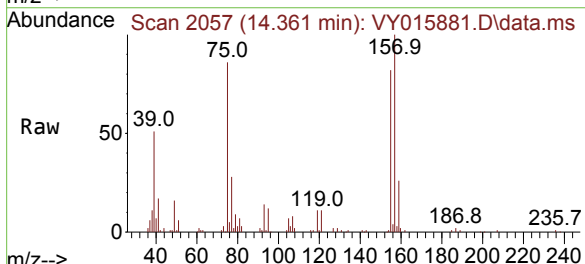
Instrument :
MSVOA_Y
ClientSampleId :

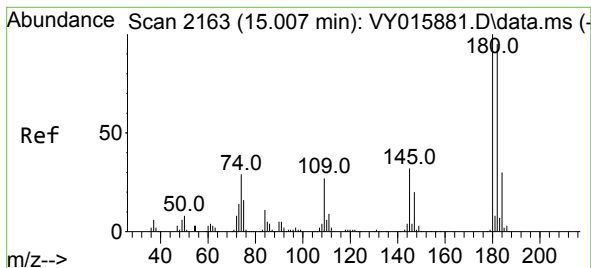
Tgt Ion:146 Resp: 224687
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.342 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015881.D
Acq: 09 Oct 2023 14:45

Tgt Ion: 75 Resp: 22821
Ion Ratio Lower Upper
75 100
155 91.5 41.5 124.6
157 118.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.463 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

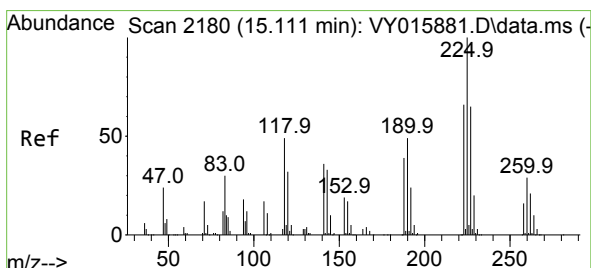
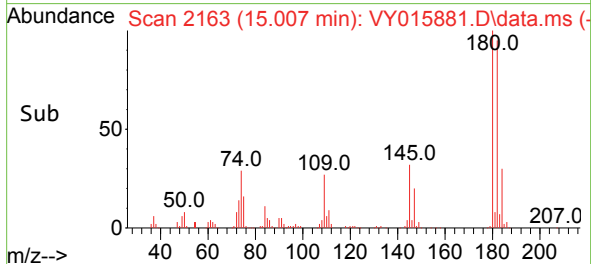
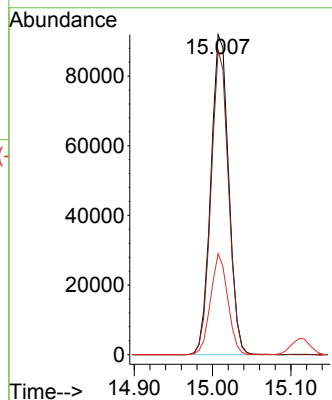
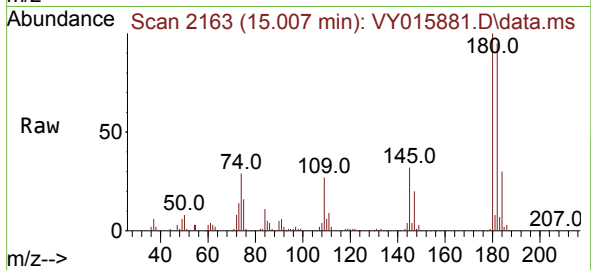
Tgt Ion:180 Resp: 144910

Ion Ratio Lower Upper

180 100

182 93.8 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.698 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

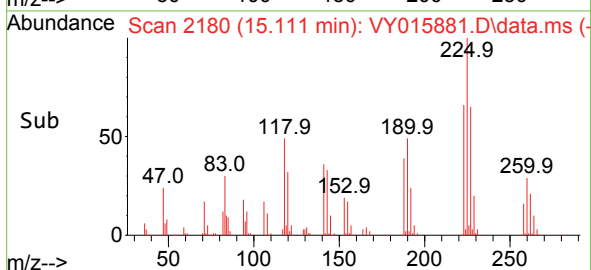
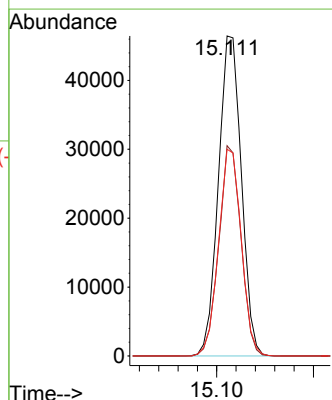
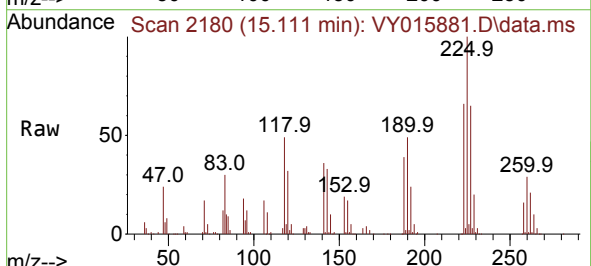
Tgt Ion:225 Resp: 76444

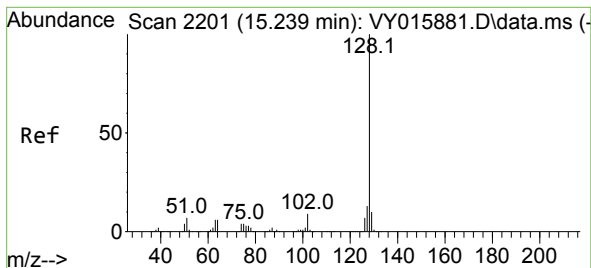
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 52.701 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

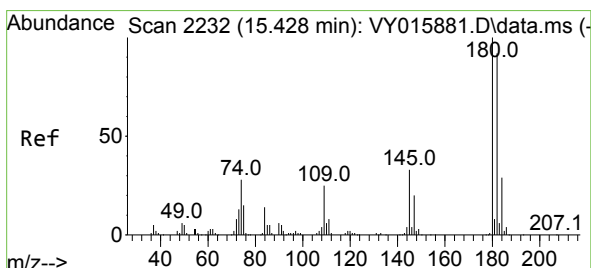
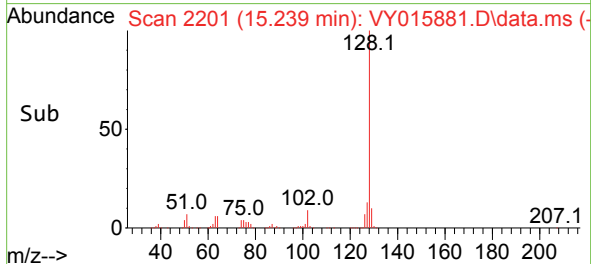
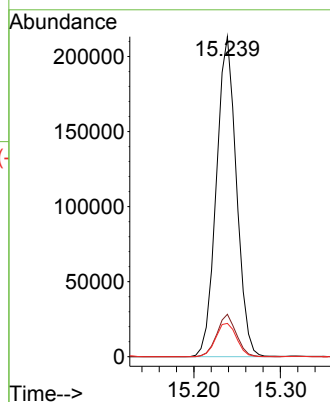
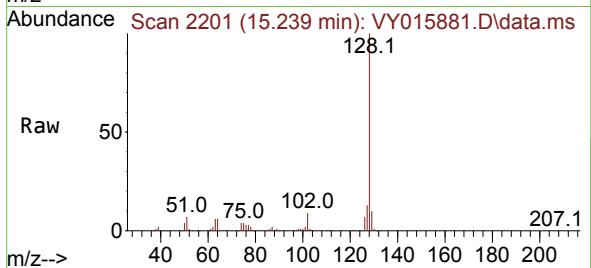
Tgt Ion:128 Resp: 343292

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.319 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015881.D

Acq: 09 Oct 2023 14:45

Tgt Ion:180 Resp: 128542

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 32.7 15.4 46.2

