

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015880.D
 Acq On : 09 Oct 2023 14:22
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:39:30 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	202122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36187	19.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.800%#
35) Dibromofluoromethane	7.722	113	37684	20.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.020%#
50) Toluene-d8	10.185	98	122630	19.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.500%#
62) 4-Bromofluorobenzene	12.483	95	50886	20.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15612	19.311	ug/l	94
3) Chloromethane	2.119	50	15253	18.445	ug/l	99
4) Vinyl Chloride	2.253	62	19651	18.632	ug/l	99
5) Bromomethane	2.637	94	16375	18.935	ug/l	95
6) Chloroethane	2.790	64	15714	18.974	ug/l	98
7) Trichlorofluoromethane	3.125	101	43653	19.506	ug/l	99
8) Diethyl Ether	3.534	74	18541	19.583	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	30291	19.944	ug/l	97
10) Methyl Iodide	4.095	142	23299	16.841	ug/l	95
11) Tert butyl alcohol	4.966	59	39922	92.177	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	21996	18.829	ug/l	91
13) Acrolein	3.741	56	11215	100.893	ug/l	97
14) Allyl chloride	4.485	41	42013	19.505	ug/l	92
15) Acrylonitrile	5.168	53	66866	102.705	ug/l	97
16) Acetone	3.954	43	84696	101.334	ug/l	89
17) Carbon Disulfide	4.198	76	22507	14.913	ug/l	97
18) Methyl Acetate	4.485	43	47363	19.210	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	108337	20.465	ug/l	95
20) Methylene Chloride	4.716	84	47267	19.185	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	25802	19.034	ug/l	86
22) Diisopropyl ether	6.131	45	118638	20.593	ug/l	92
23) Vinyl Acetate	6.070	43	323486	102.111	ug/l	97
24) 1,1-Dichloroethane	6.021	63	63785	20.099	ug/l	96
25) 2-Butanone	6.996	43	108746	109.001	ug/l	99
26) 2,2-Dichloropropane	6.984	77	57411	19.452	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	39425	19.705	ug/l	95
28) Bromochloromethane	7.344	49	36796	20.118	ug/l	92
29) Tetrahydrofuran	7.356	42	56123	102.832	ug/l	94
30) Chloroform	7.515	83	72053	20.355	ug/l	96
31) Cyclohexane	7.789	56	35822	18.391	ug/l #	82
32) 1,1,1-Trichloroethane	7.710	97	57334	19.833	ug/l	97
36) 1,1-Dichloropropene	7.923	75	39041	18.715	ug/l	99
37) Ethyl Acetate	7.082	43	37234	20.782	ug/l	95
38) Carbon Tetrachloride	7.905	117	48928	19.530	ug/l	99
39) Methylcyclohexane	9.185	83	39741	18.755	ug/l	89
40) Benzene	8.167	78	127340	19.424	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21266	19.096	ug/l #	84
42) 1,2-Dichloroethane	8.240	62	44559	19.939	ug/l	94
43) Isopropyl Acetate	8.277	43	68642	20.697	ug/l	97
44) Trichloroethene	8.947	130	37330	19.678	ug/l	97
45) 1,2-Dichloropropane	9.222	63	40057	20.314	ug/l	99
46) Dibromomethane	9.313	93	22876	19.494	ug/l	97
47) Bromodichloromethane	9.502	83	58887	20.177	ug/l	99
48) Methyl methacrylate	9.301	41	29616	20.221	ug/l	87
49) 1,4-Dioxane	9.307	88	8192	401.588	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	207132	104.391	ug/l	92
52) Toluene	10.246	92	85716	19.697	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	58716	19.901	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	63379	19.775	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	37535	20.088	ug/l	98
56) Ethyl methacrylate	10.514	69	50953	20.086	ug/l #	86
57) 1,3-Dichloropropane	10.795	76	61321	20.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	152854	98.860	ug/l	96
59) 2-Hexanone	10.837	43	163491	108.911	ug/l	89
60) Dibromochloromethane	10.990	129	44773	19.988	ug/l	98
61) 1,2-Dibromoethane	11.093	107	33652	19.719	ug/l	100
64) Tetrachloroethene	10.721	164	40261	20.607	ug/l	95
65) Chlorobenzene	11.520	112	104897	20.087	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	43875	20.556	ug/l	99
67) Ethyl Benzene	11.599	91	180677	20.168	ug/l	99
68) m/p-Xylenes	11.703	106	136390	40.403	ug/l	96
69) o-Xylene	12.032	106	68588	20.307	ug/l	96
70) Styrene	12.050	104	120327	20.419	ug/l	95
71) Bromoform	12.209	173	30131	20.272	ug/l #	99
73) Isopropylbenzene	12.331	105	190055	20.202	ug/l	100
74) N-amyl acetate	12.148	43	62328	21.023	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	49463	20.276	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	62005	34.558	ug/l #	100
77) Bromobenzene	12.611	156	46100	19.984	ug/l	95
78) n-propylbenzene	12.672	91	229618	20.296	ug/l	99
79) 2-Chlorotoluene	12.758	91	131035	20.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	159621	20.586	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15803	20.128	ug/l	94
82) 4-Chlorotoluene	12.855	91	136949	20.392	ug/l	99
83) tert-Butylbenzene	13.081	119	148892	20.575	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	158274	20.270	ug/l	99
85) sec-Butylbenzene	13.258	105	217637	20.508	ug/l	99
86) p-Isopropyltoluene	13.373	119	181849	20.714	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	95105	20.478	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	95888	20.502	ug/l	98
89) n-Butylbenzene	13.703	91	175062	21.072	ug/l	98
90) Hexachloroethane	13.965	117	35348	20.063	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	88935	20.601	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8632	20.149	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	56655	20.477	ug/l	99
94) Hexachlorobutadiene	15.117	225	31096	20.989	ug/l	97
95) Naphthalene	15.239	128	129930	20.300	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	51786	21.042	ug/l	99

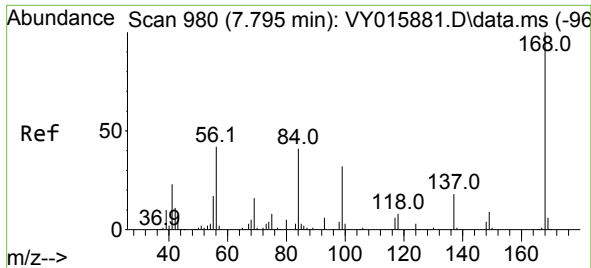
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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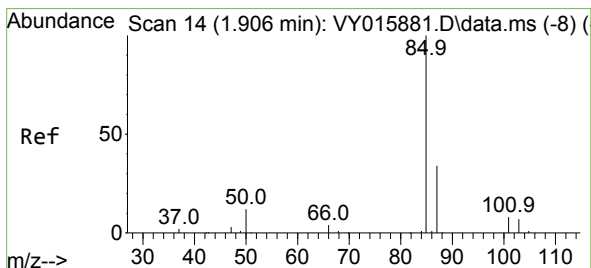
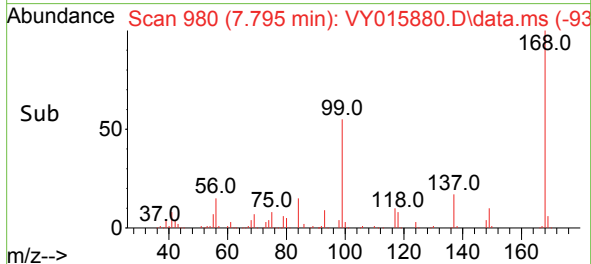
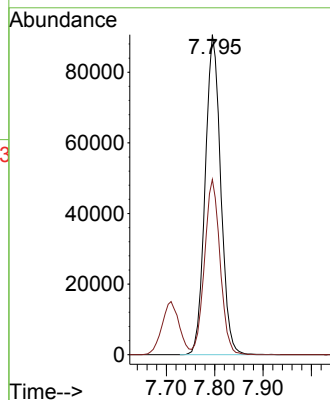
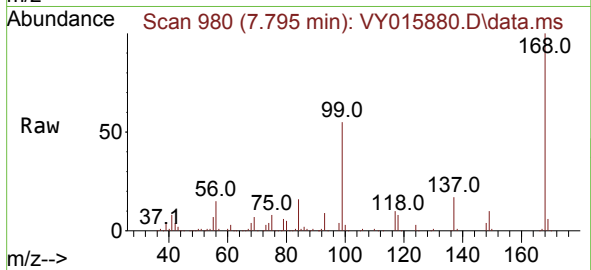
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015880.D
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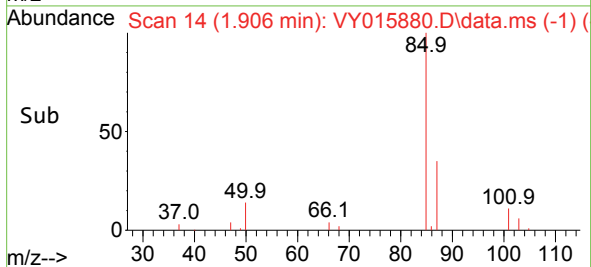
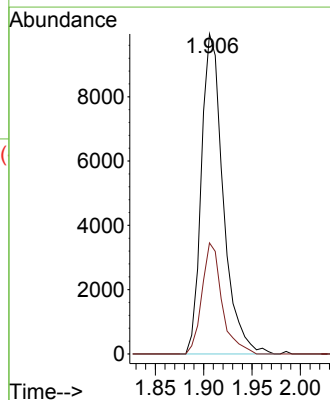
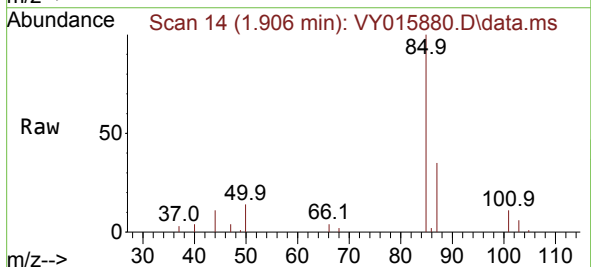
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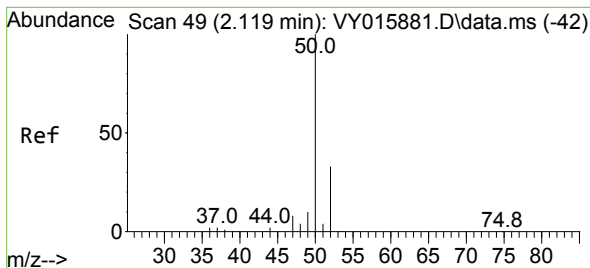
Tgt Ion:168 Resp: 202122
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.311 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 85 Resp: 15612
Ion Ratio Lower Upper
85 100
87 34.7 15.6 46.8





#3

Chloromethane

Concen: 18.445 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

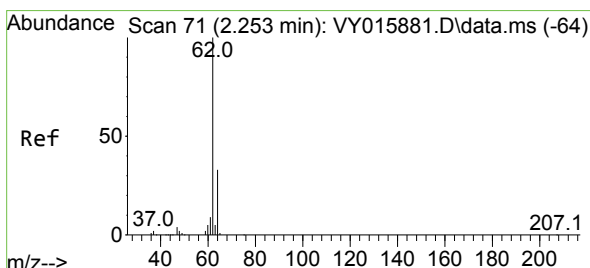
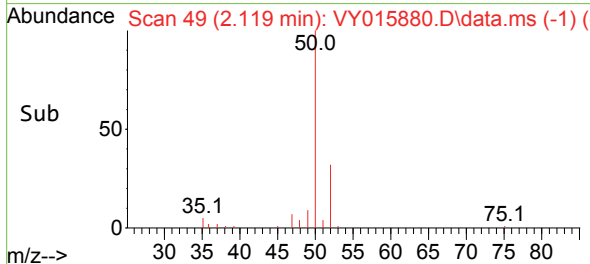
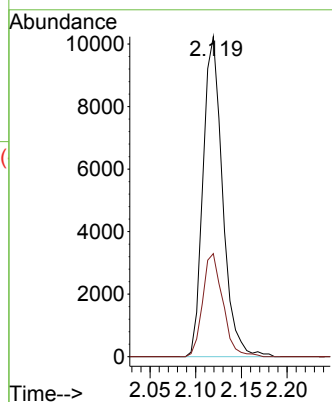
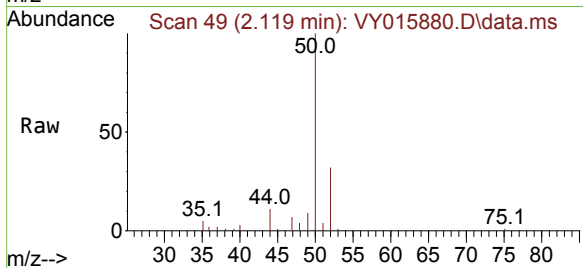
ClientSampleId :

Tgt Ion: 50 Resp: 15253

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 18.632 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015880.D

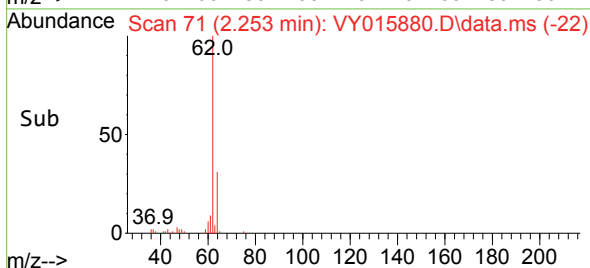
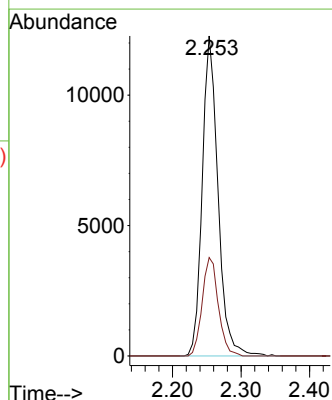
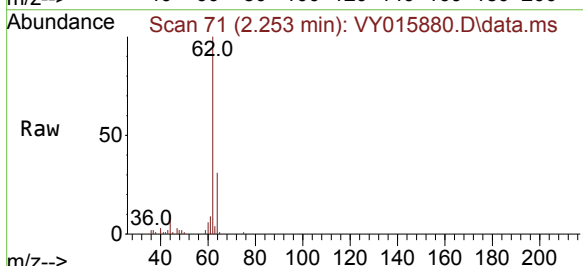
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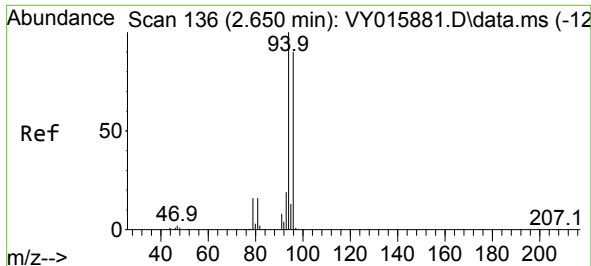
Tgt Ion: 62 Resp: 19651

Ion Ratio Lower Upper

62 100

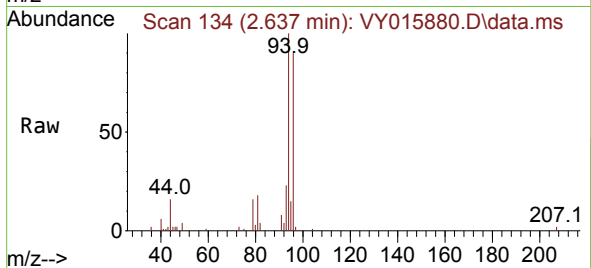
64 30.8 24.3 36.5



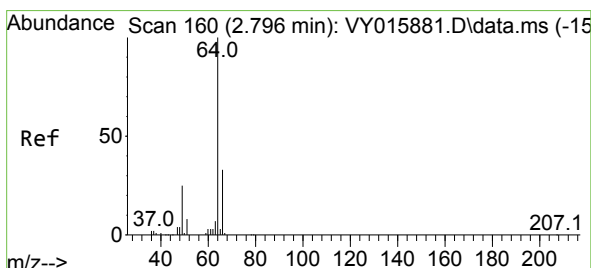
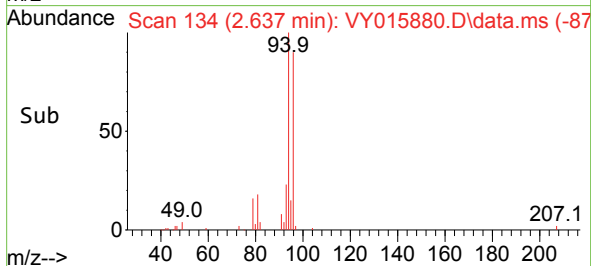
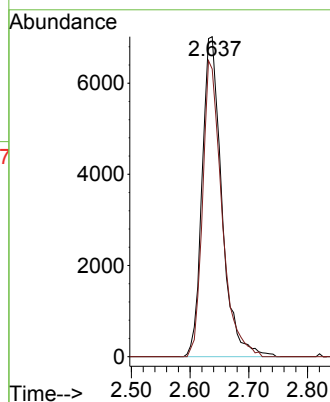


#5
Bromomethane
Concen: 18.935 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015880.D
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Instrument :
MSVOA_Y
ClientSampleId :

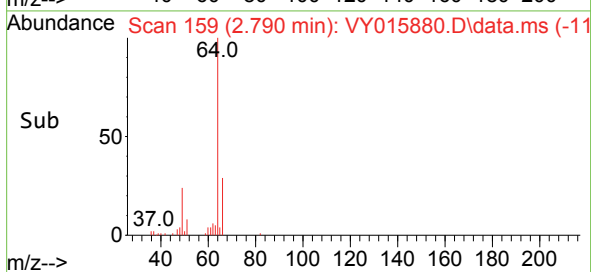
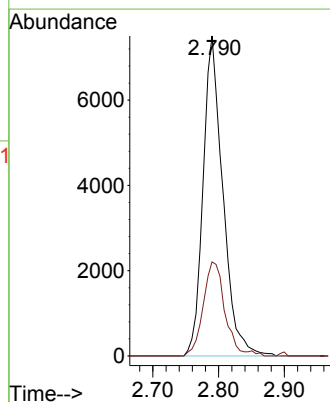
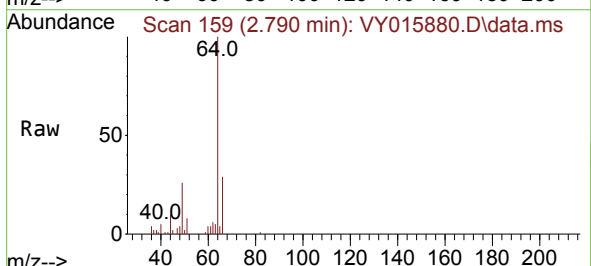


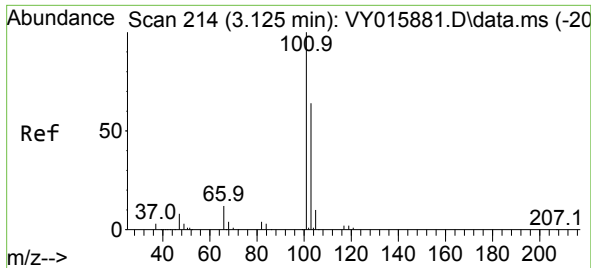
Tgt Ion: 94 Resp: 16375
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6



#6
Chloroethane
Concen: 18.974 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 64 Resp: 15714
Ion Ratio Lower Upper
64 100
66 29.4 24.4 36.6

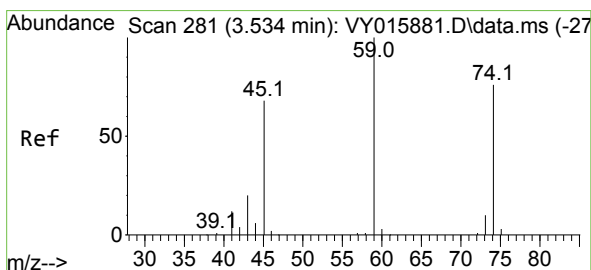
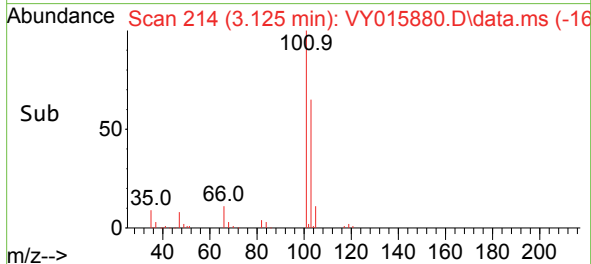
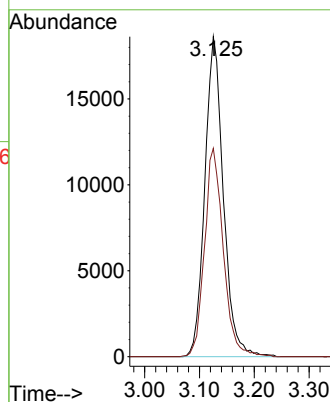
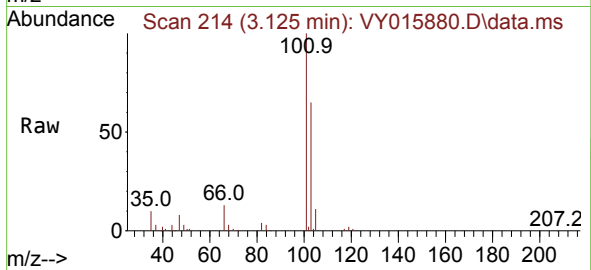




#7
 Trichlorofluoromethane
 Concen: 19.506 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY015880.D
 Acq: 09 Oct 2023 14:22

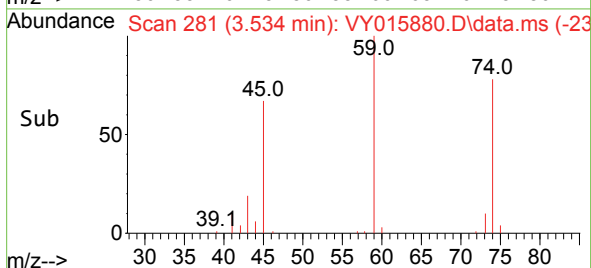
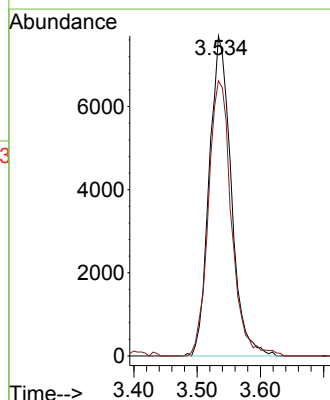
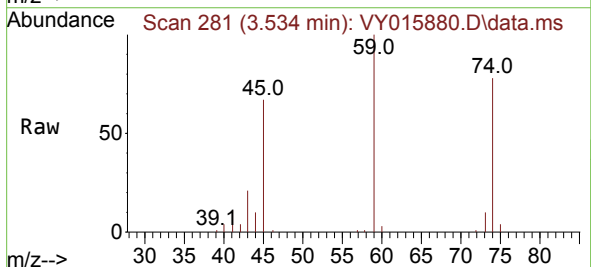
Instrument :
 MSVOA_Y
 ClientSampleId :

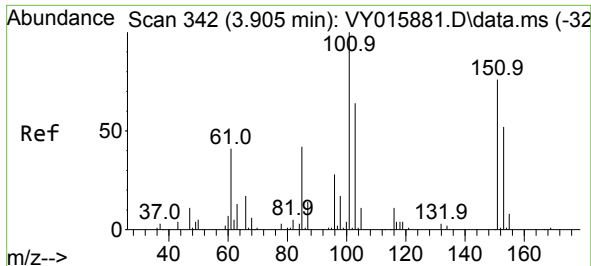
Tgt Ion:101 Resp: 43653
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.583 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY015880.D
 Acq: 09 Oct 2023 14:22

Tgt Ion: 74 Resp: 18541
 Ion Ratio Lower Upper
 74 100
 45 90.2 51.5 154.5

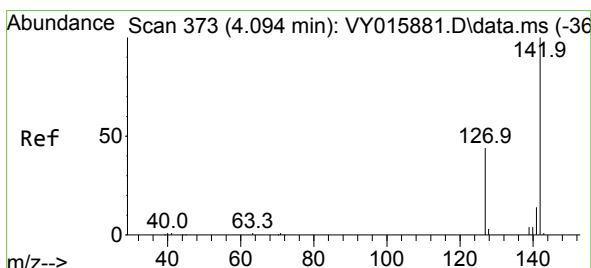
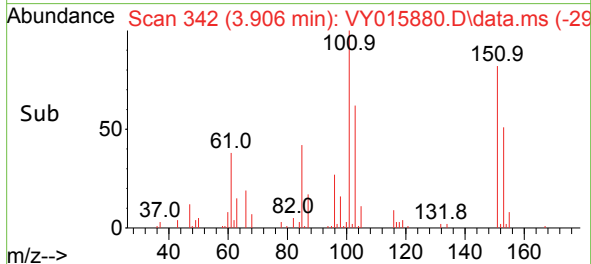
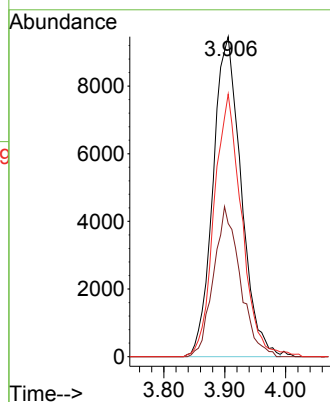
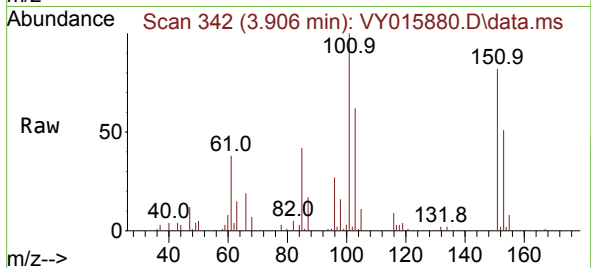




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.944 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

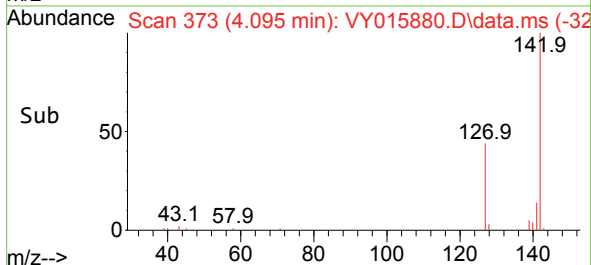
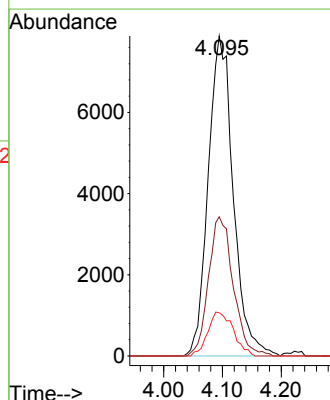
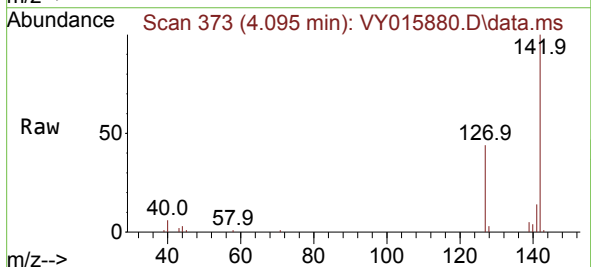
Instrument :
MSVOA_Y
ClientSampleId :

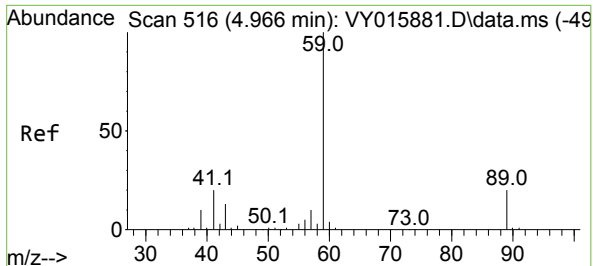
Tgt Ion:101 Resp: 30291
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 80.4 67.0 100.6



#10
Methyl Iodide
Concen: 16.841 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion:142 Resp: 23299
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 14.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 92.177 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

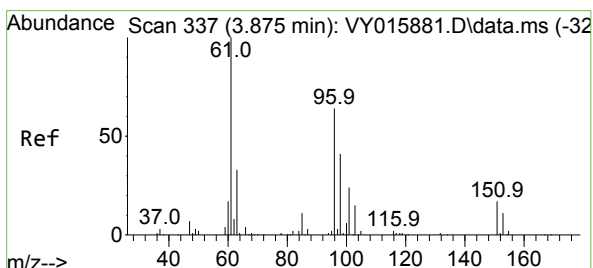
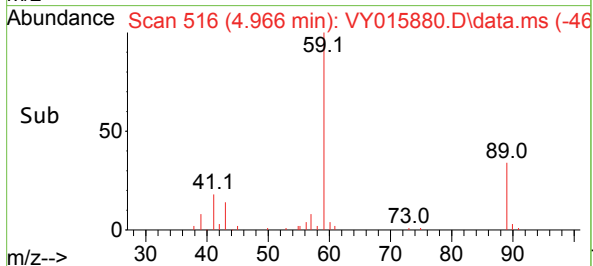
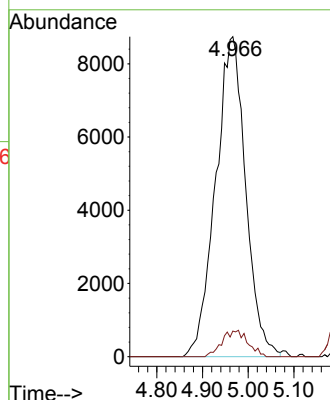
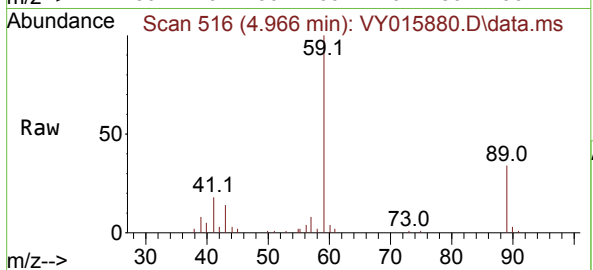
ClientSampleId :

Tgt Ion: 59 Resp: 39922

Ion Ratio Lower Upper

59 100

57 7.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.829 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

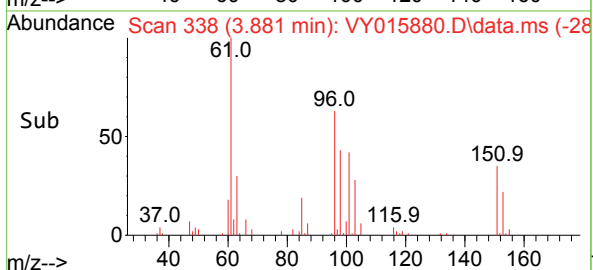
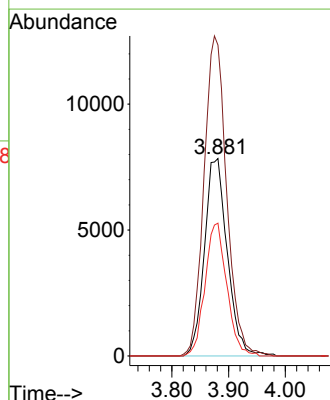
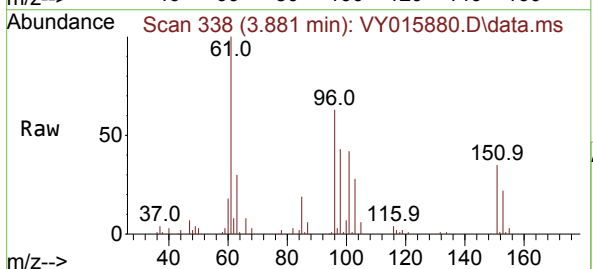
Tgt Ion: 96 Resp: 21996

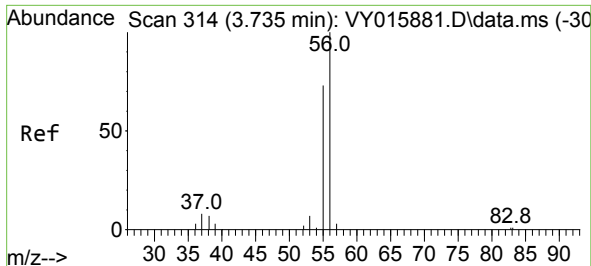
Ion Ratio Lower Upper

96 100

61 157.5 136.4 204.6

98 67.3 49.4 74.2





#13

Acrolein

Concen: 100.893 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

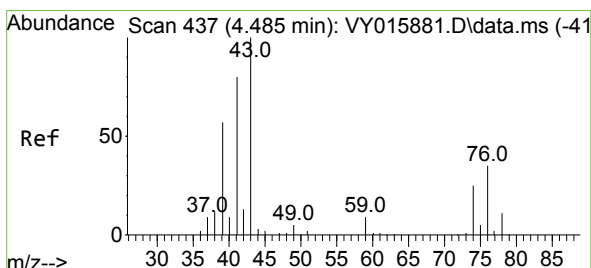
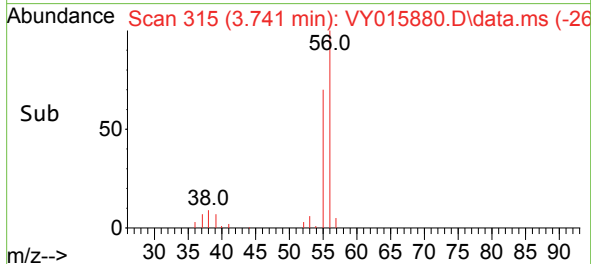
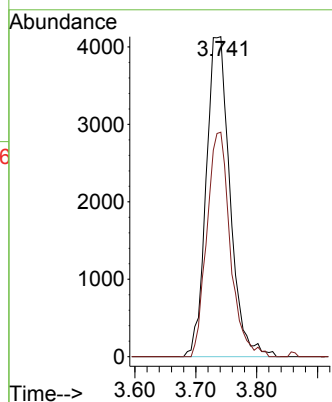
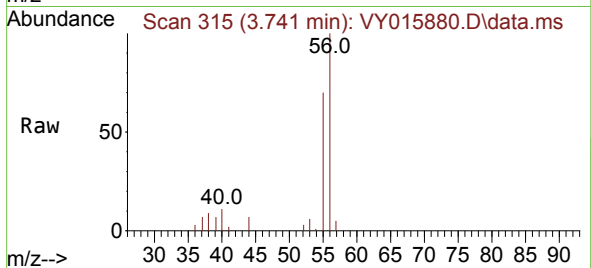
ClientSampleId :

Tgt Ion: 56 Resp: 11215

Ion Ratio Lower Upper

56 100

55 69.0 57.0 85.4



#14

Allyl chloride

Concen: 19.505 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

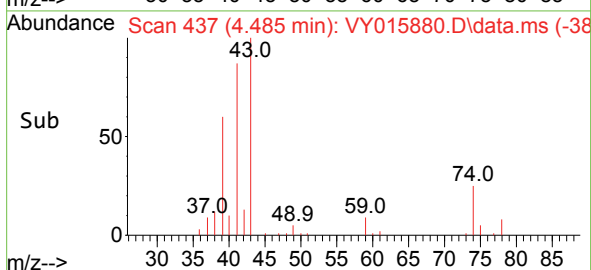
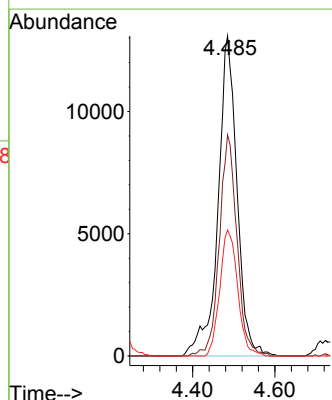
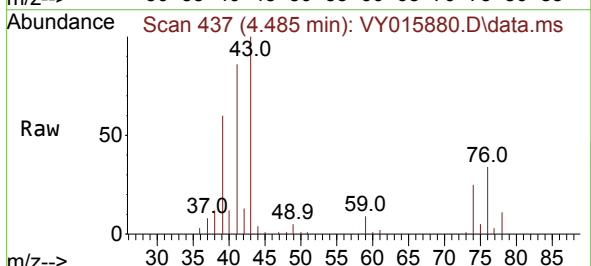
Tgt Ion: 41 Resp: 42013

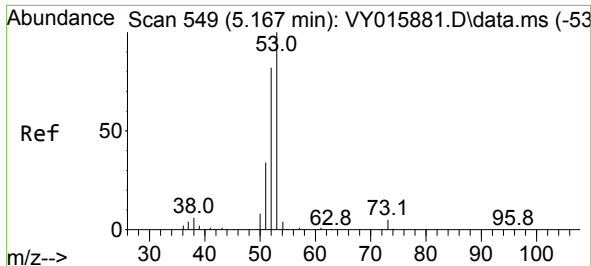
Ion Ratio Lower Upper

41 100

39 64.2 58.0 87.0

76 37.0 27.4 41.2

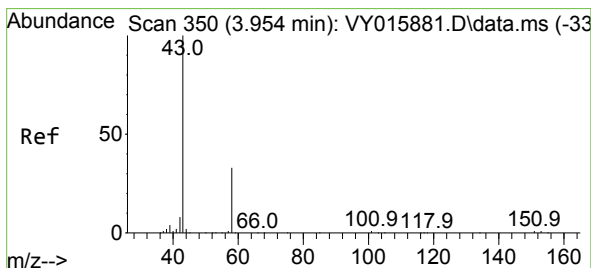
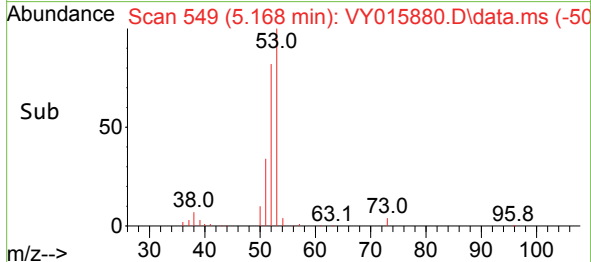
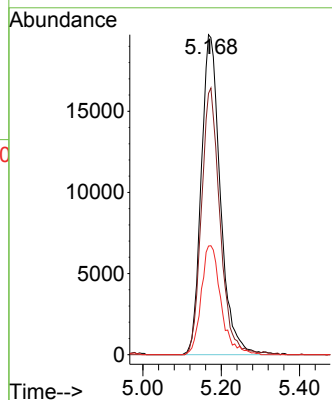
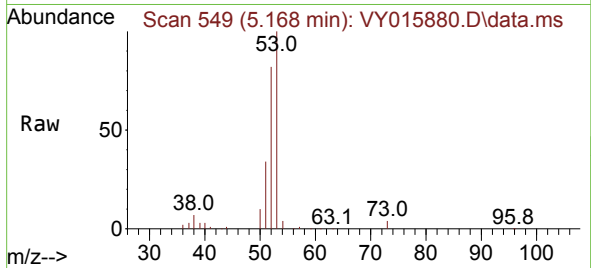




#15
Acrylonitrile
Concen: 102.705 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

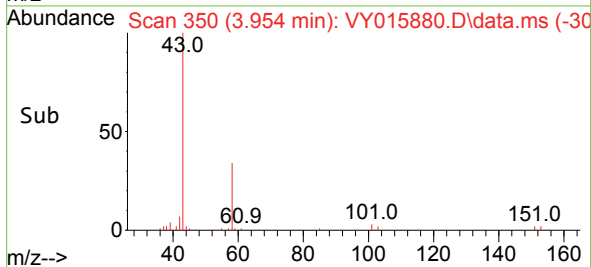
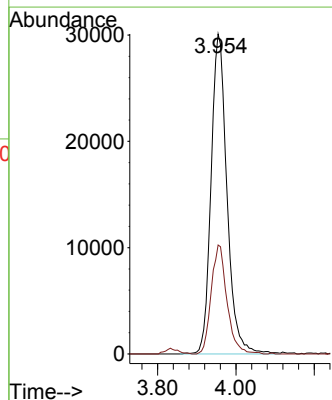
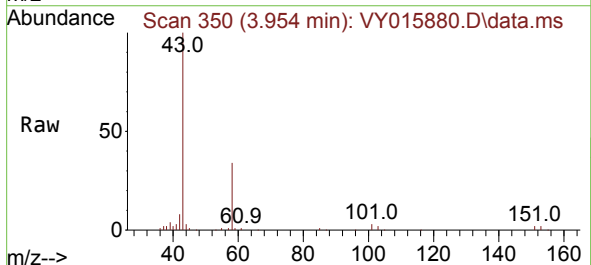
Instrument :
MSVOA_Y
ClientSampleId :

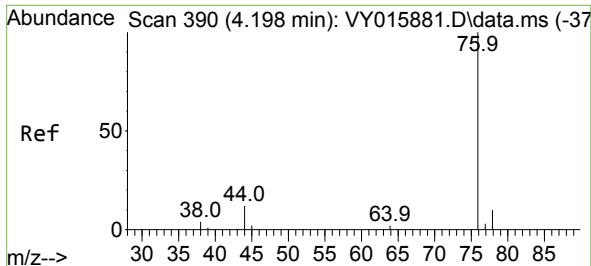
Tgt Ion: 53 Resp: 66866
Ion Ratio Lower Upper
53 100
52 80.4 66.9 100.3
51 35.2 29.8 44.6



#16
Acetone
Concen: 101.334 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

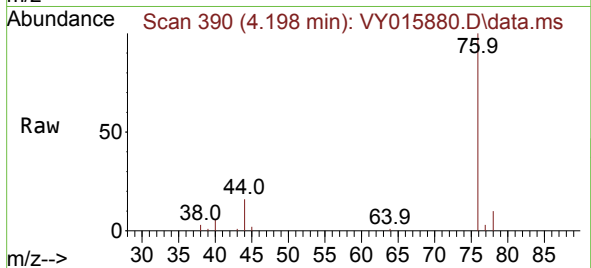
Tgt Ion: 43 Resp: 84696
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1



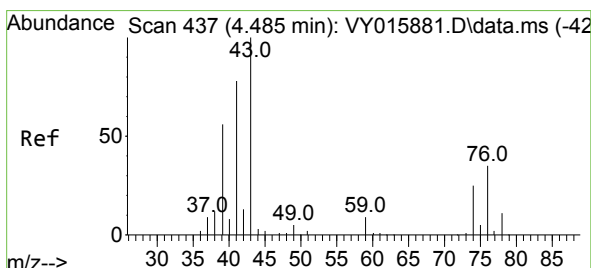
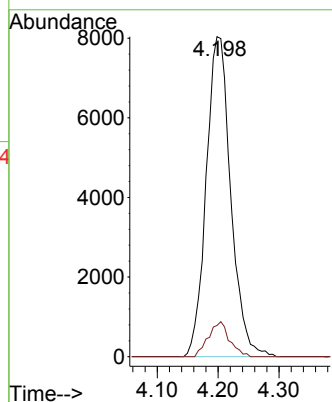
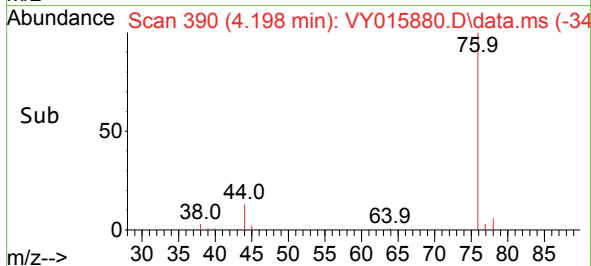


#17
Carbon Disulfide
Concen: 14.913 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

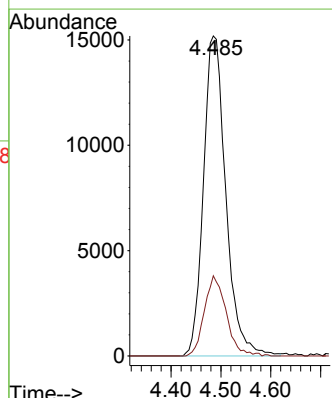
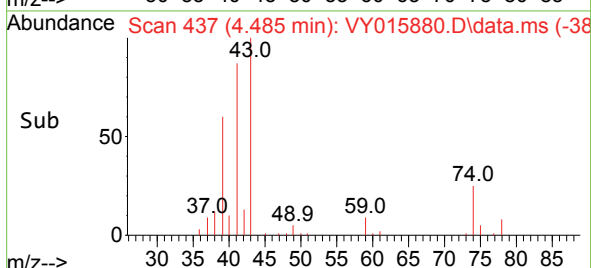
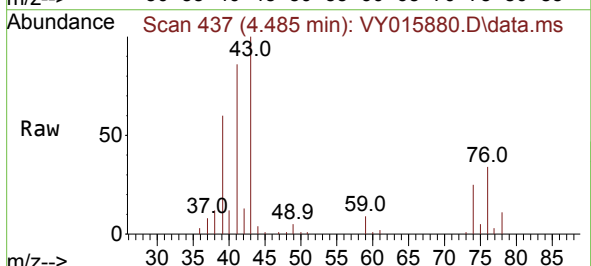


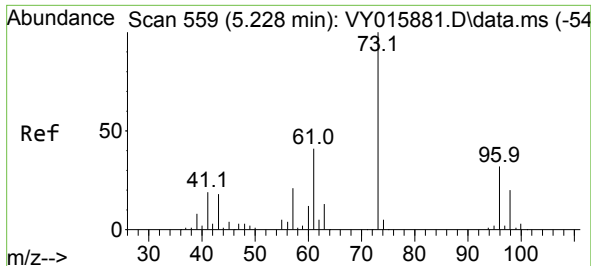
Tgt Ion: 76 Resp: 22507
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 19.210 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 43 Resp: 47363
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0

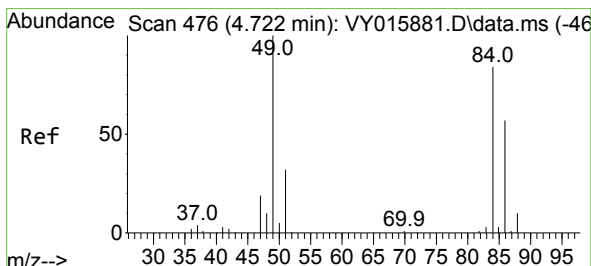
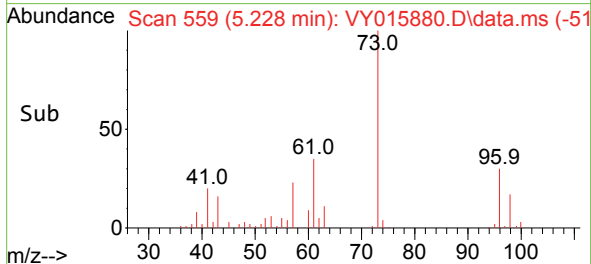
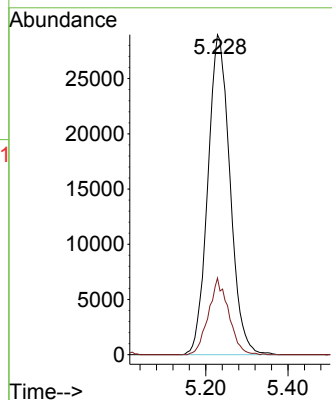
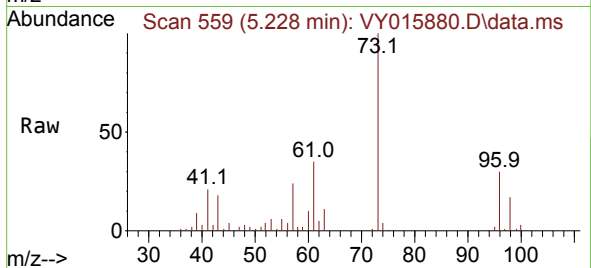




#19
Methyl tert-butyl Ether
Concen: 20.465 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

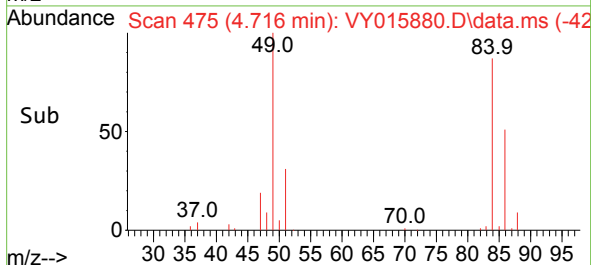
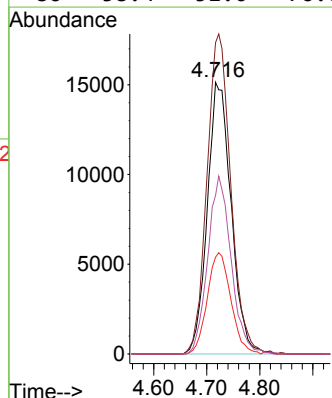
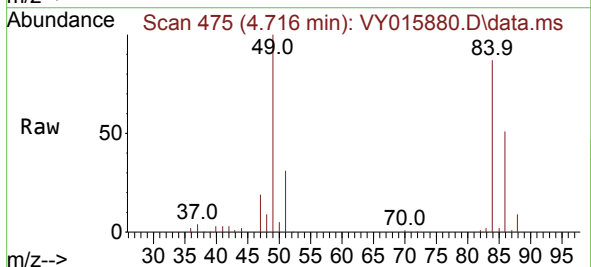
Instrument :
MSVOA_Y
ClientSampleId :

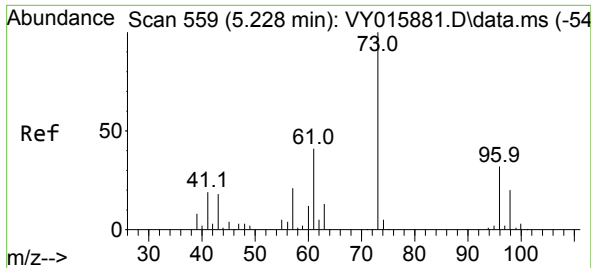
Tgt Ion: 73 Resp: 108337
Ion Ratio Lower Upper
73 100
57 24.0 17.3 25.9



#20
Methylene Chloride
Concen: 19.185 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 84 Resp: 47267
Ion Ratio Lower Upper
84 100
49 114.6 106.9 160.3
51 35.6 33.2 49.8
86 58.4 51.0 76.6

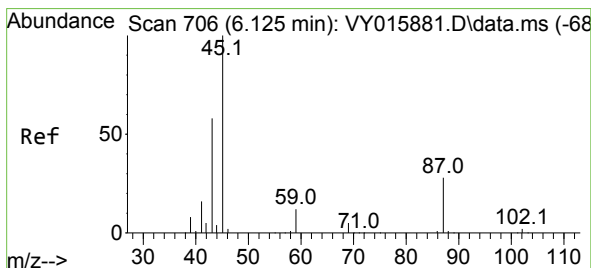
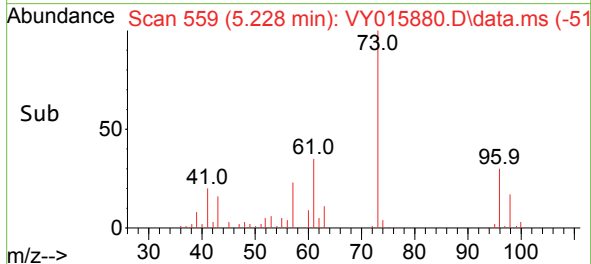
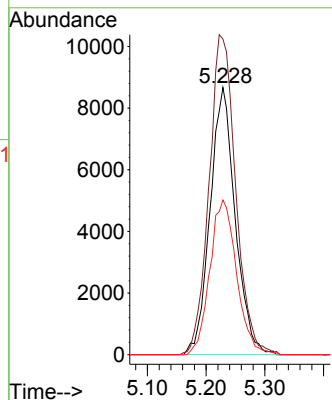
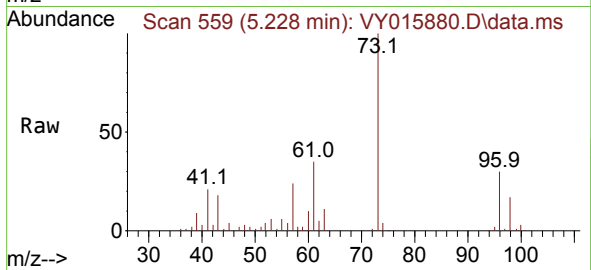




#21
trans-1,2-Dichloroethene
Concen: 19.034 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

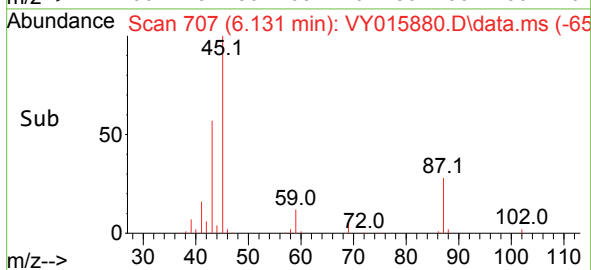
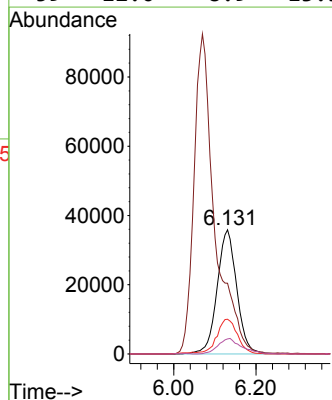
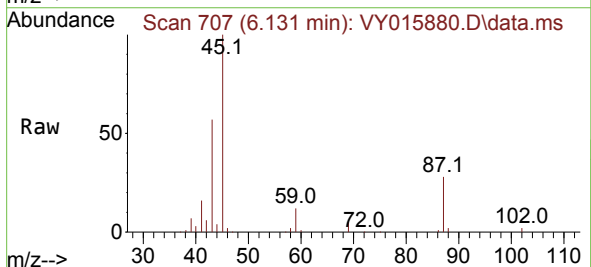
Instrument :
MSVOA_Y
ClientSampleId :

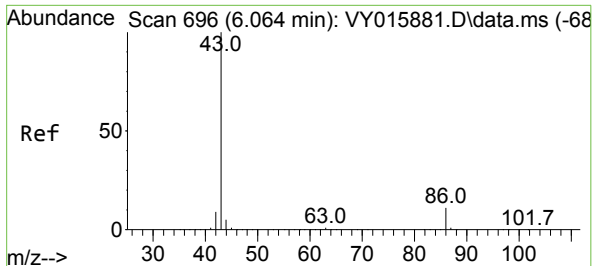
Tgt Ion: 96 Resp: 25802
Ion Ratio Lower Upper
96 100
61 118.1 110.2 165.4
98 57.9 51.8 77.6



#22
Diisopropyl ether
Concen: 20.593 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 45 Resp: 118638
Ion Ratio Lower Upper
45 100
43 56.3 52.2 78.4
87 28.0 21.0 31.6
59 12.0 8.9 13.3





#23

Vinyl Acetate

Concen: 102.111 ug/l

RT: 6.070 min Scan# 696

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

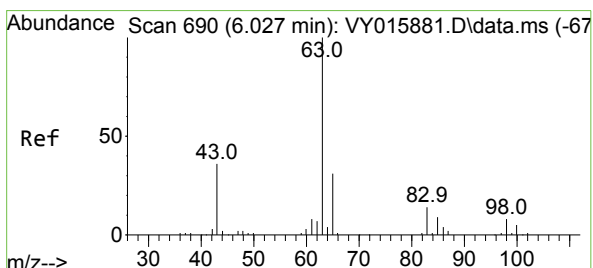
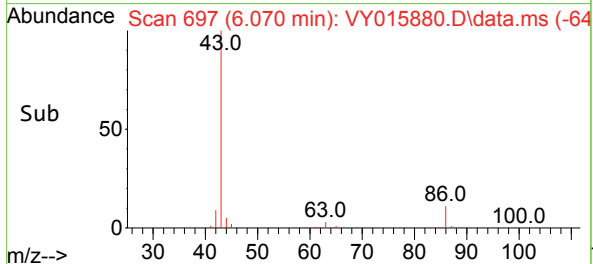
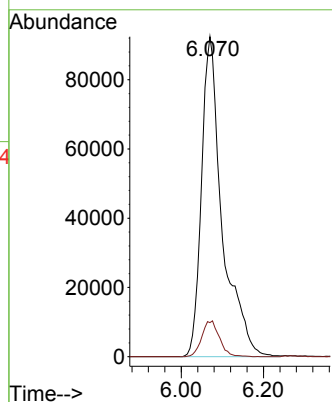
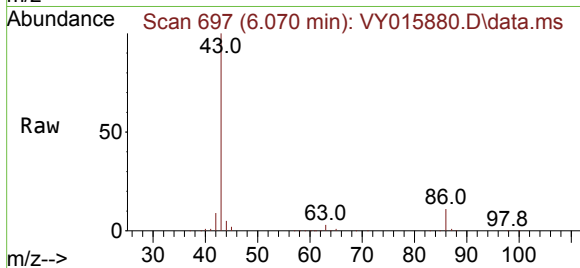
ClientSampleId :

Tgt Ion: 43 Resp: 323486

Ion Ratio Lower Upper

43 100

86 10.7 7.5 11.3



#24

1,1-Dichloroethane

Concen: 20.099 ug/l

RT: 6.021 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

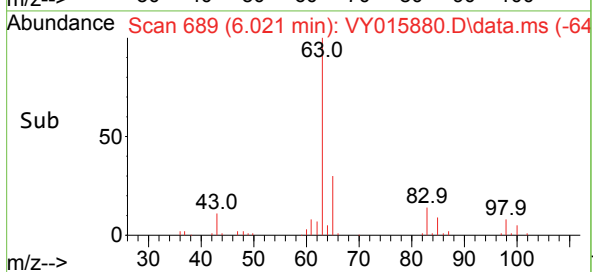
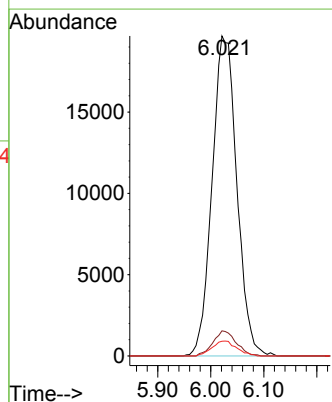
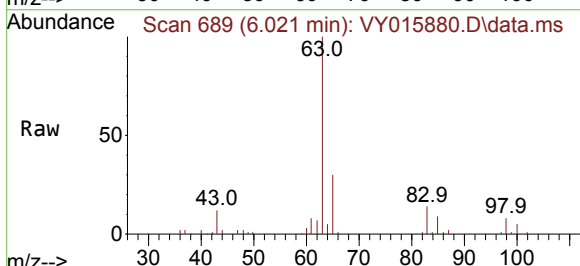
Tgt Ion: 63 Resp: 63785

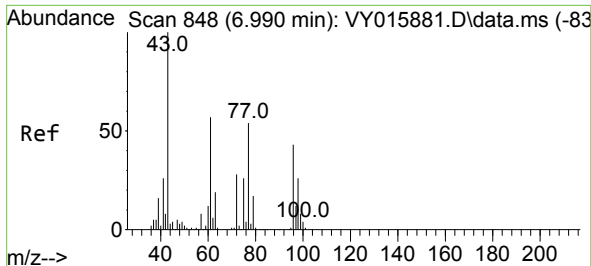
Ion Ratio Lower Upper

63 100

98 7.8 3.1 9.4

100 4.6 1.8 5.5

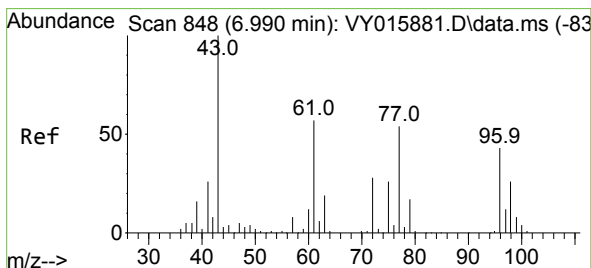
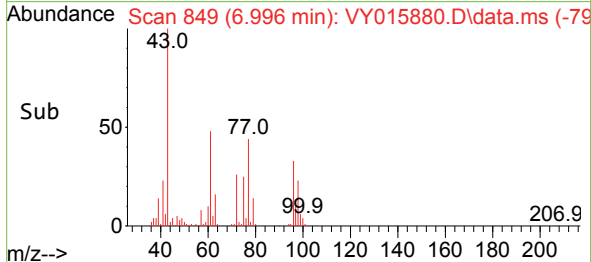
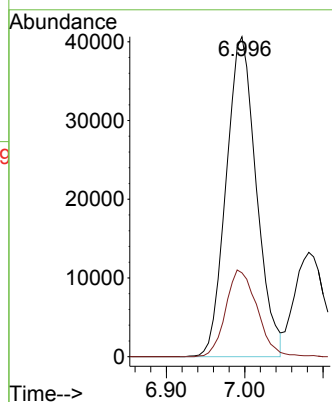
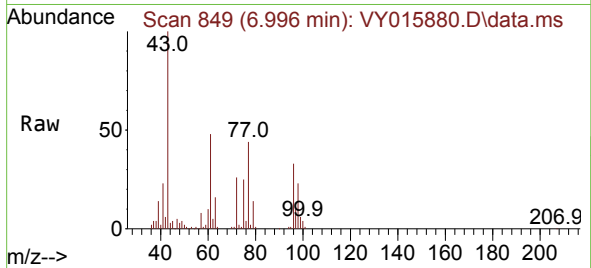




#25
2-Butanone
Concen: 109.001 ug/l
RT: 6.996 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

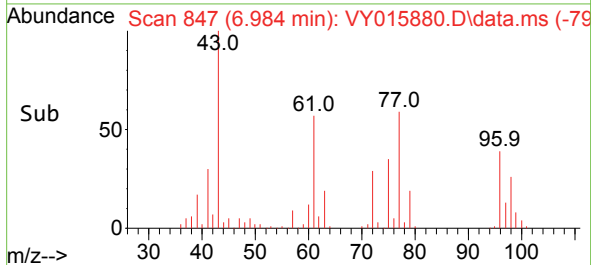
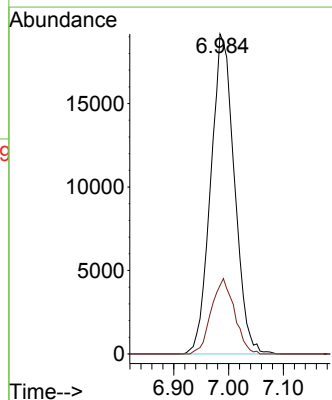
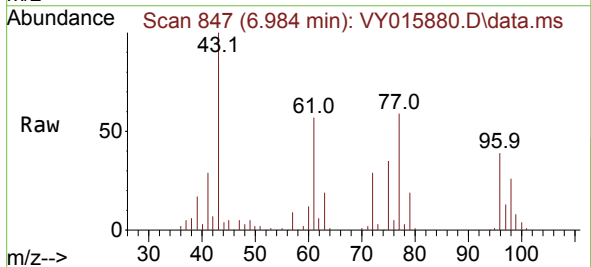
Instrument :
MSVOA_Y
ClientSampleId :

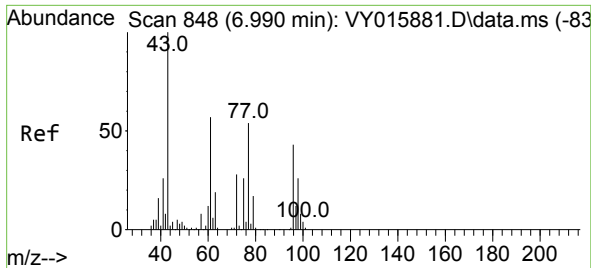
Tgt Ion: 43 Resp: 108746
Ion Ratio Lower Upper
43 100
72 26.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.452 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 77 Resp: 57411
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9

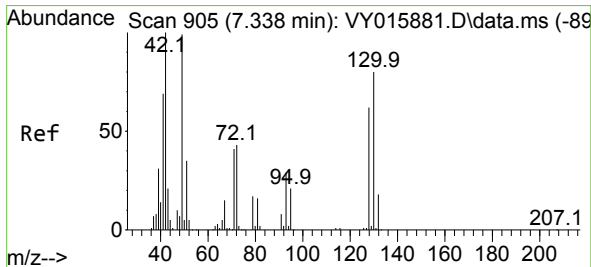
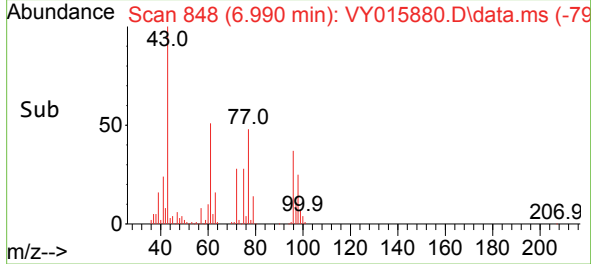
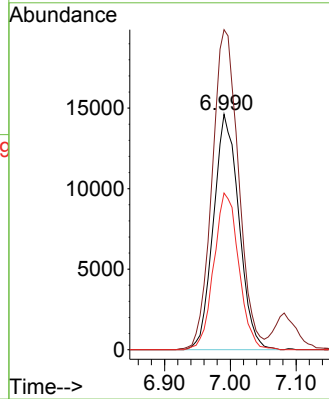
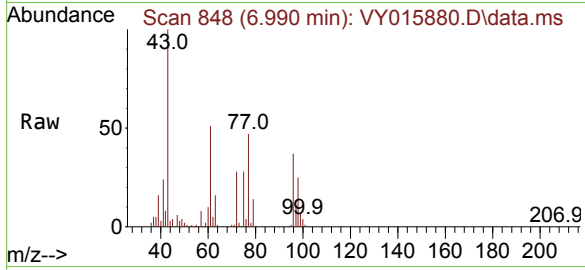




#27
 cis-1,2-Dichloroethene
 Concen: 19.705 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY015880.D
 Acq: 09 Oct 2023 14:22

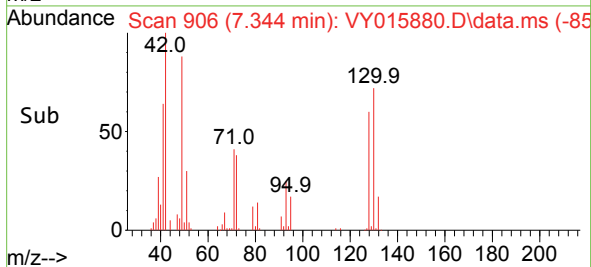
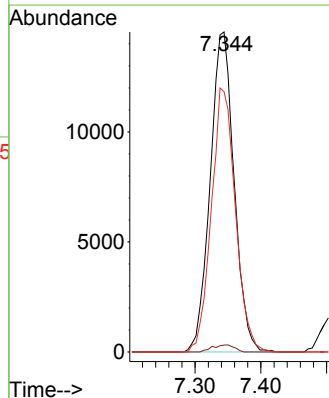
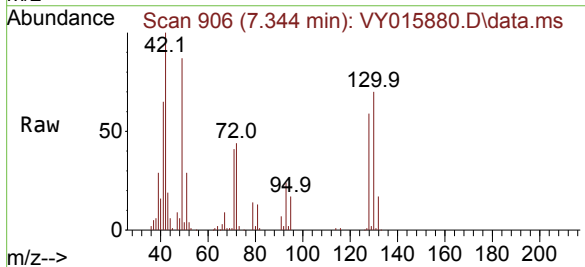
Instrument :
 MSVOA_Y
 ClientSampleId :

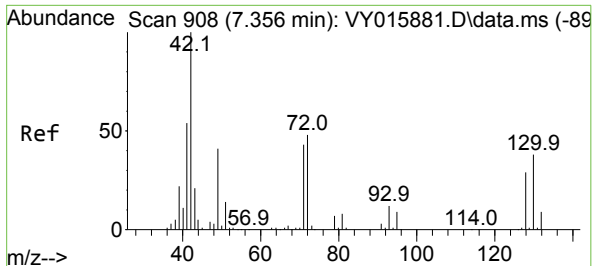
Tgt Ion: 96 Resp: 39425
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 301.4
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.118 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY015880.D
 Acq: 09 Oct 2023 14:22

Tgt Ion: 49 Resp: 36796
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 83.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 102.832 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

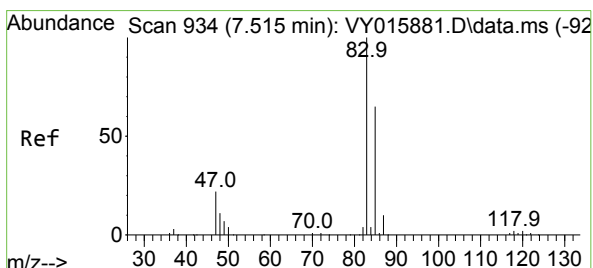
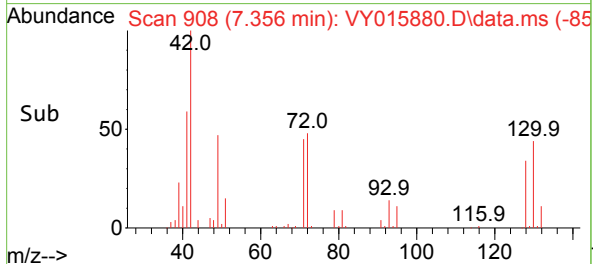
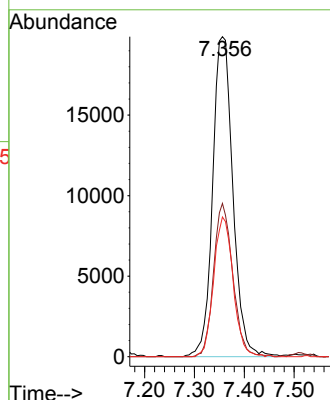
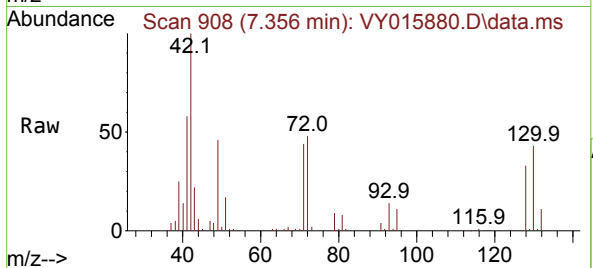
Tgt Ion: 42 Resp: 56123

Ion Ratio Lower Upper

42 100

72 45.4 32.8 49.2

71 41.9 31.0 46.4



#30

Chloroform

Concen: 20.355 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY015880.D

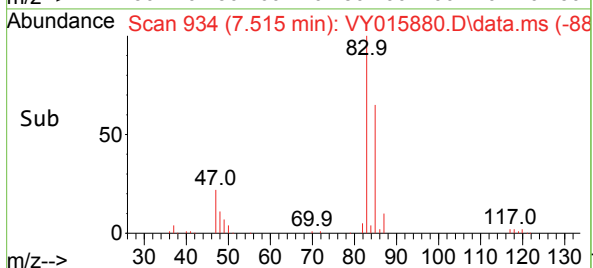
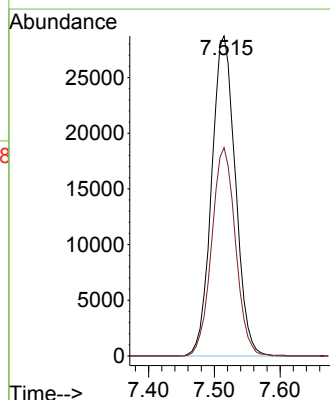
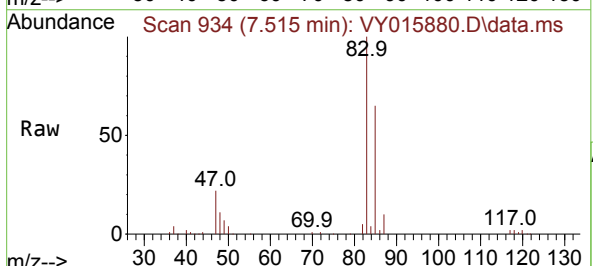
Acq: 09 Oct 2023 14:22

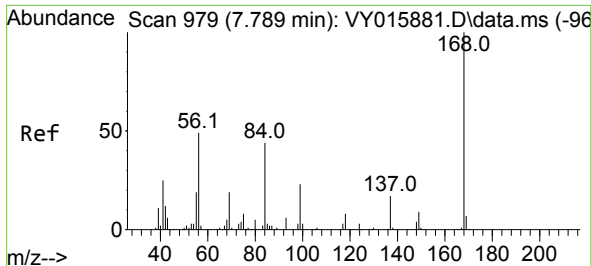
Tgt Ion: 83 Resp: 72053

Ion Ratio Lower Upper

83 100

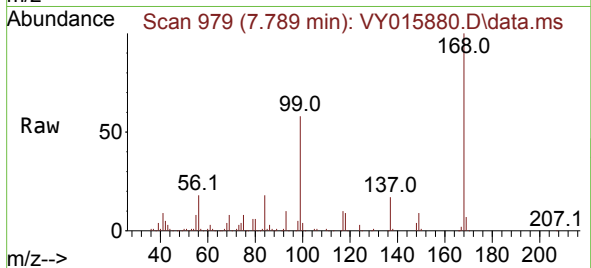
85 65.1 49.7 74.5



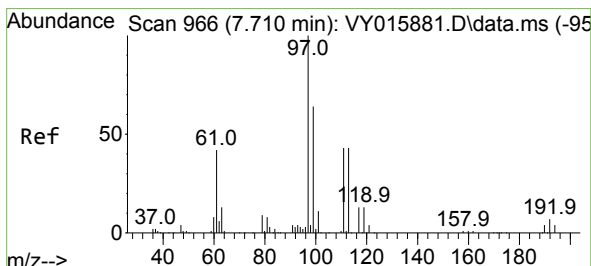
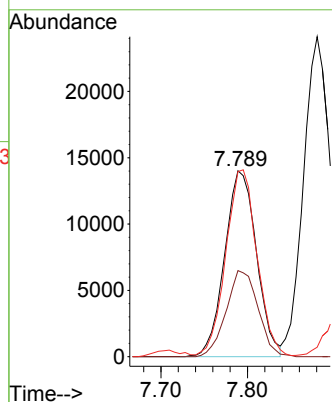
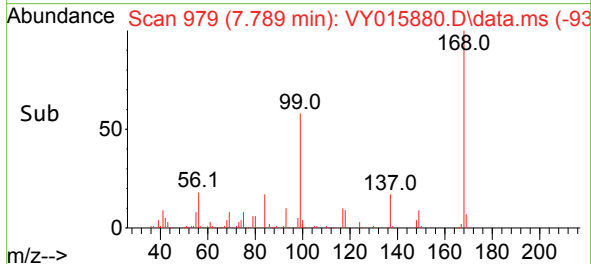


#31
Cyclohexane
Concen: 18.391 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

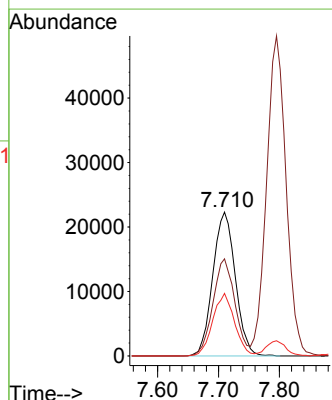
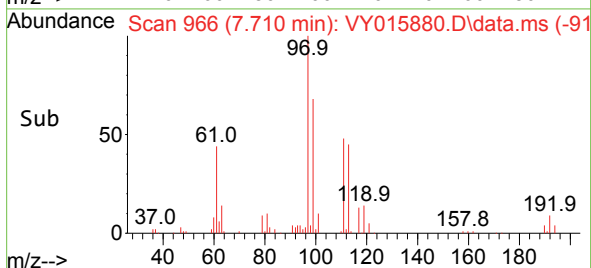
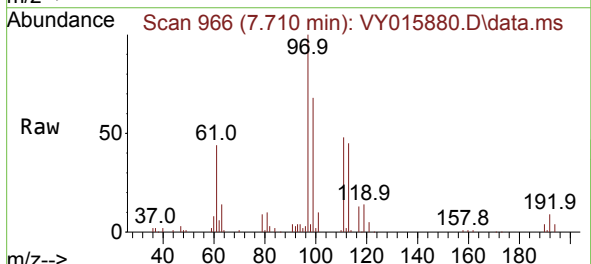


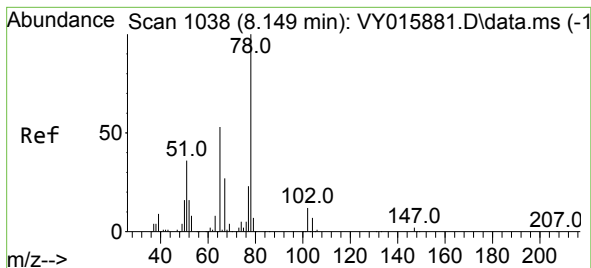
Tgt Ion: 56 Resp: 35822
Ion Ratio Lower Upper
56 100
69 46.3 27.8 41.6#
84 97.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.833 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 97 Resp: 57334
Ion Ratio Lower Upper
97 100
99 66.2 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 19.897 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

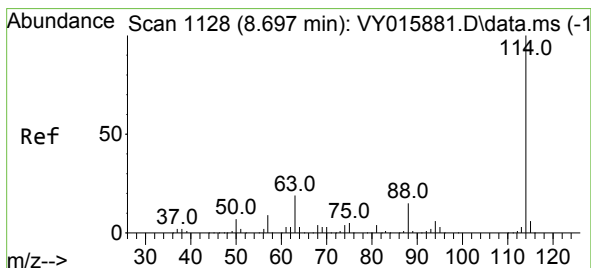
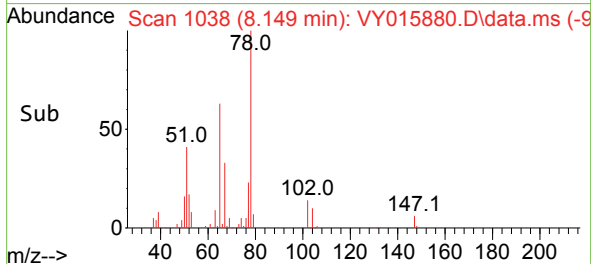
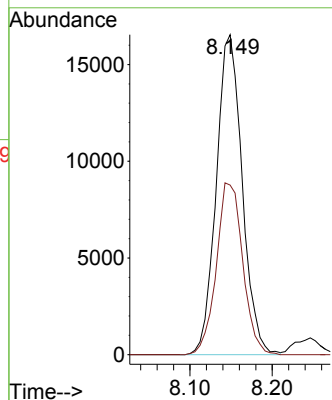
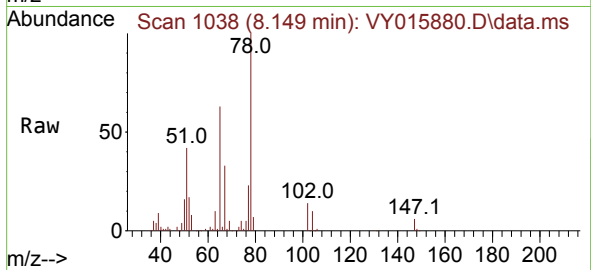
ClientSampleId :

Tgt Ion: 65 Resp: 36187

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: VY015880.D

Acq: 09 Oct 2023 14:22

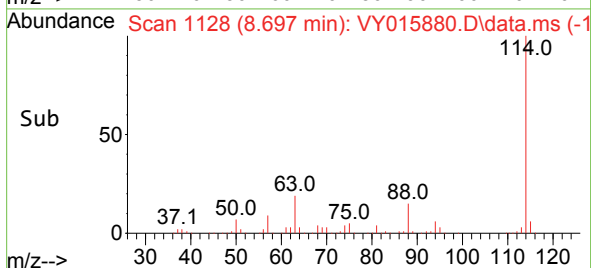
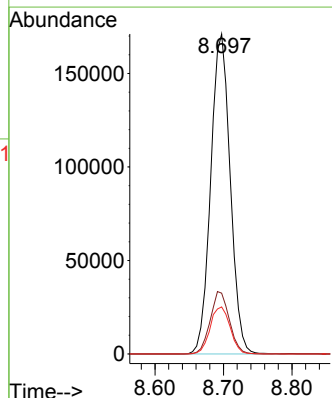
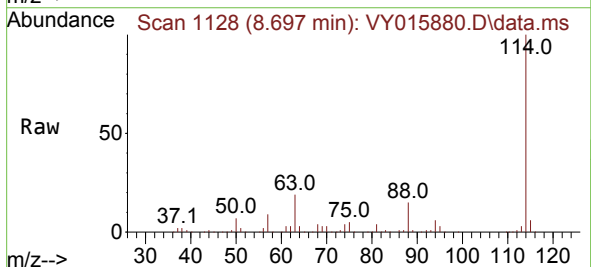
Tgt Ion: 114 Resp: 337698

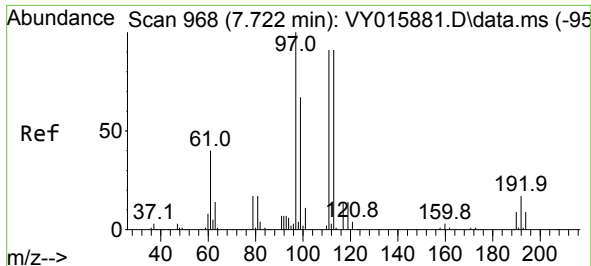
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.7 0.0 30.6

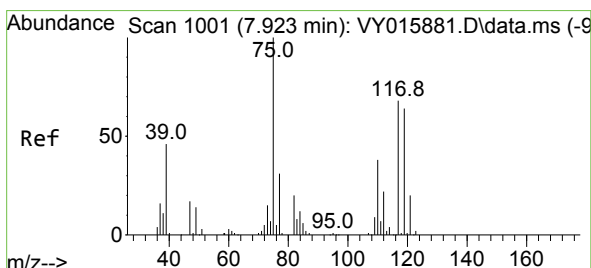
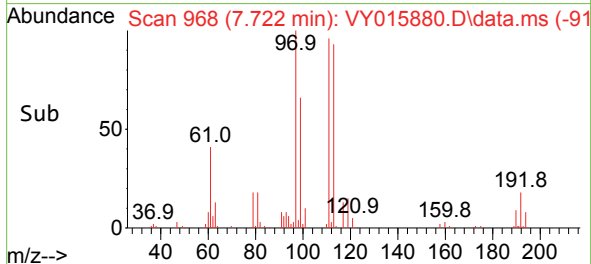
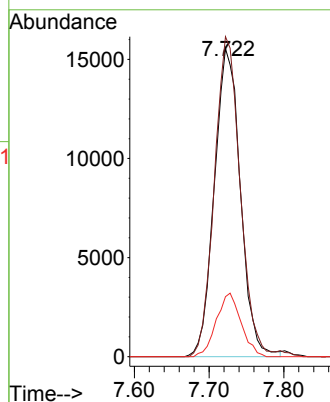
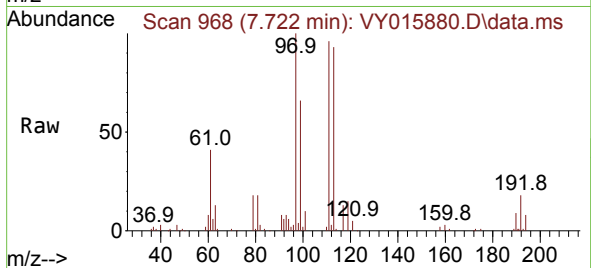




#35
Dibromofluoromethane
Concen: 20.006 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

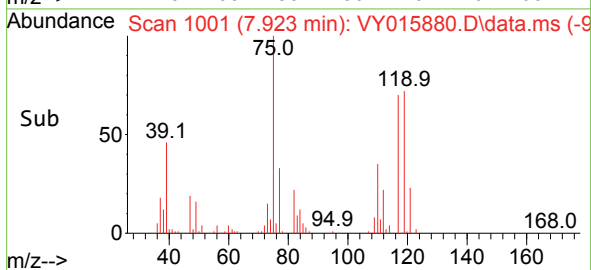
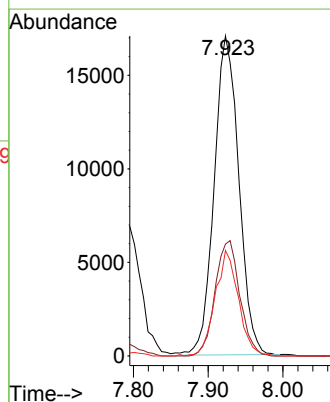
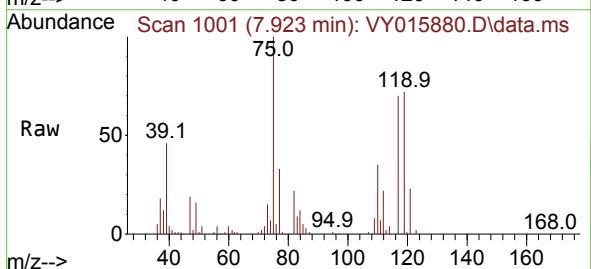
Instrument :
MSVOA_Y
ClientSampleId :

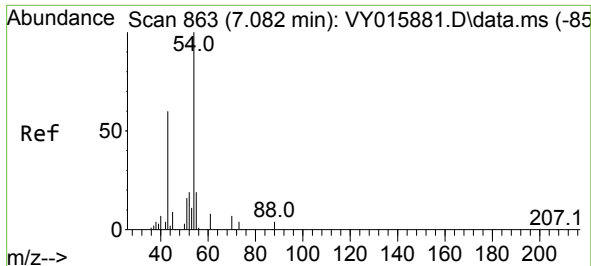
Tgt Ion:113 Resp: 37684
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.715 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 75 Resp: 39041
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 20.782 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

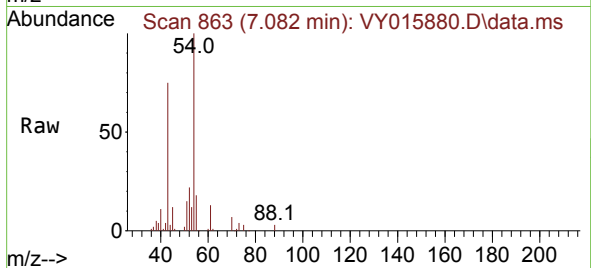
Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :



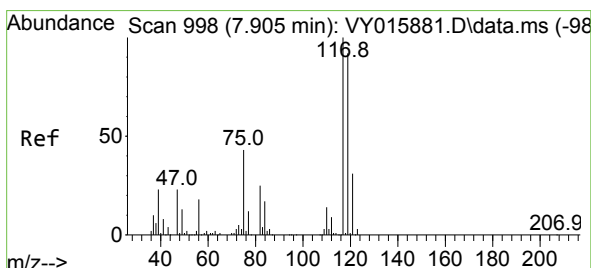
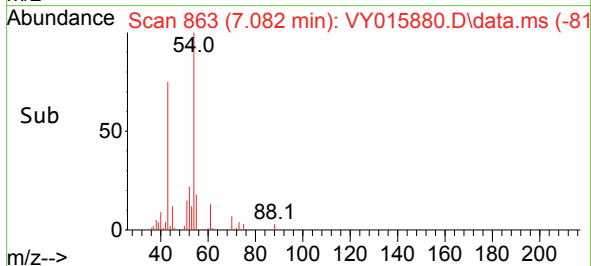
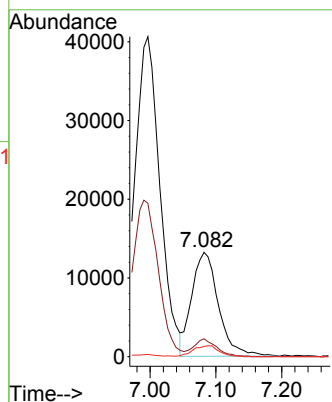
Tgt Ion: 43 Resp: 37234

Ion Ratio Lower Upper

43 100

61 14.8 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.530 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

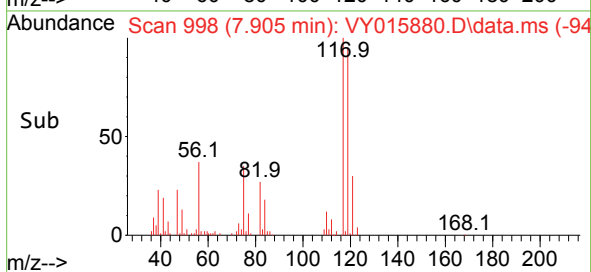
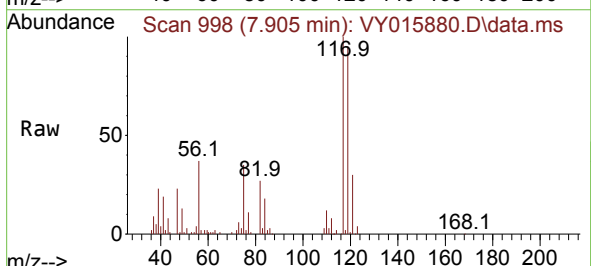
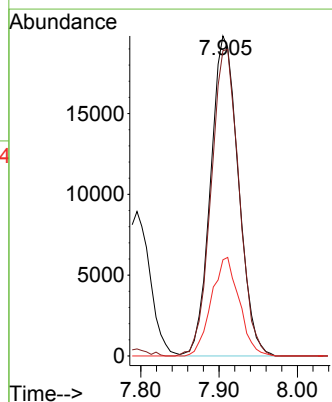
Tgt Ion: 117 Resp: 48928

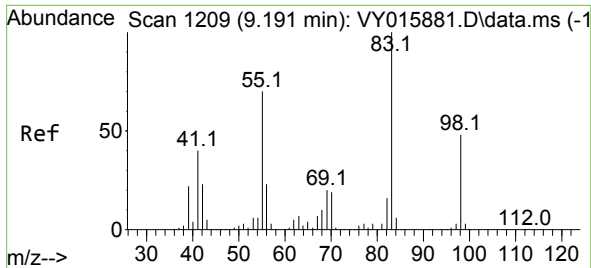
Ion Ratio Lower Upper

117 100

119 95.4 76.4 114.6

121 30.1 25.8 38.6

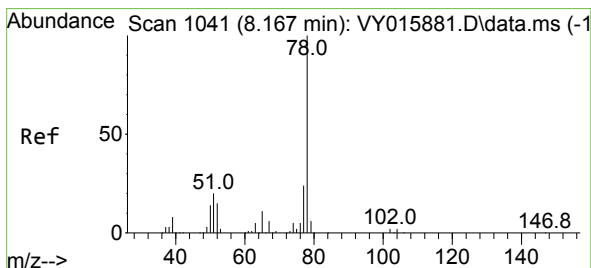
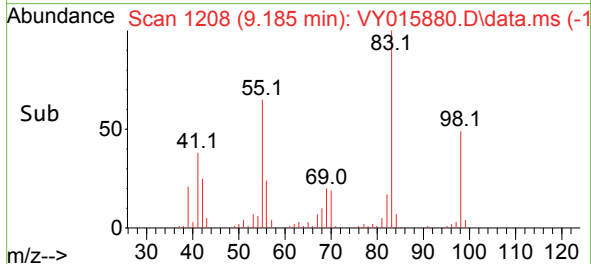
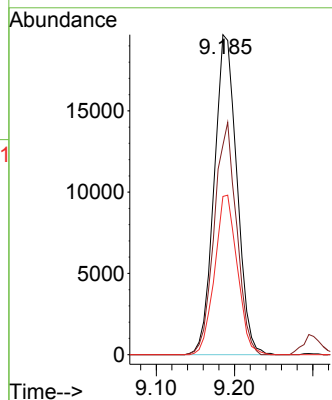
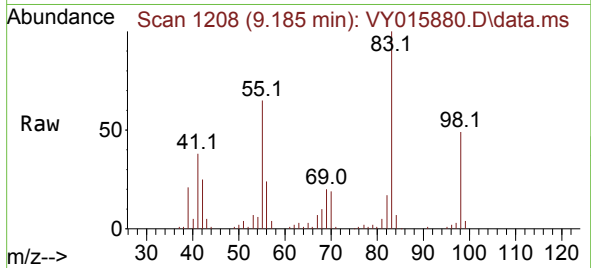




#39
Methylcyclohexane
Concen: 18.755 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

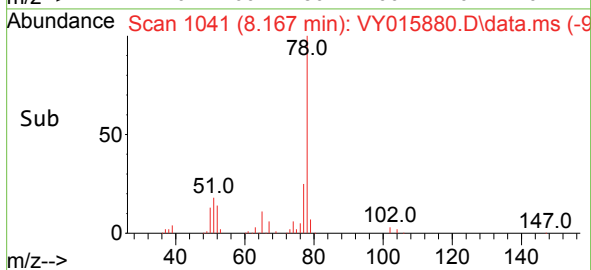
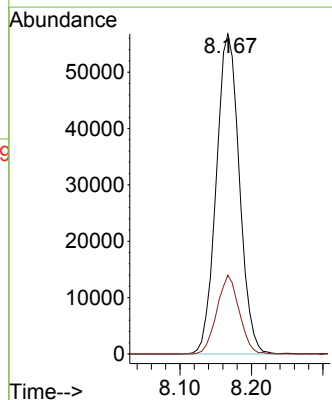
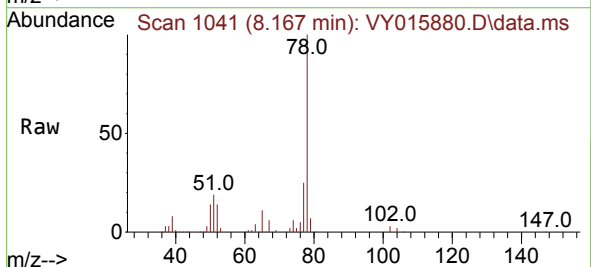
Instrument :
MSVOA_Y
ClientSampleId :

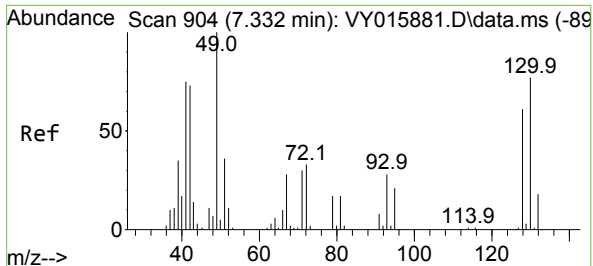
Tgt Ion: 83 Resp: 39741
Ion Ratio Lower Upper
83 100
55 65.4 63.0 94.4
98 49.4 37.4 56.2



#40
Benzene
Concen: 19.424 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

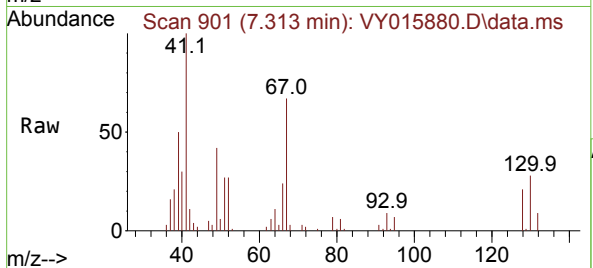
Tgt Ion: 78 Resp: 127340
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6



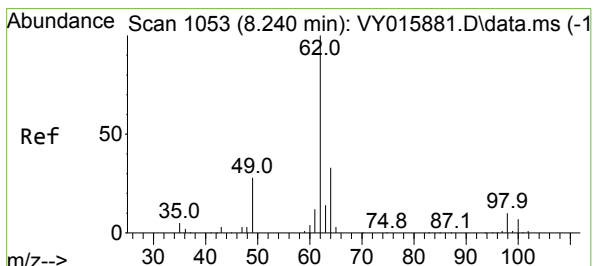
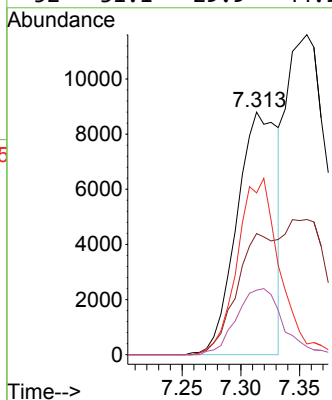
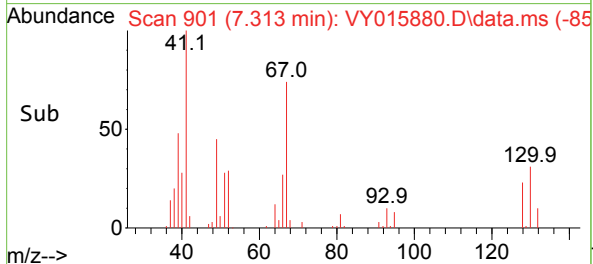


#41
Methacrylonitrile
Concen: 19.096 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Instrument :
MSVOA_Y
ClientSampleId :

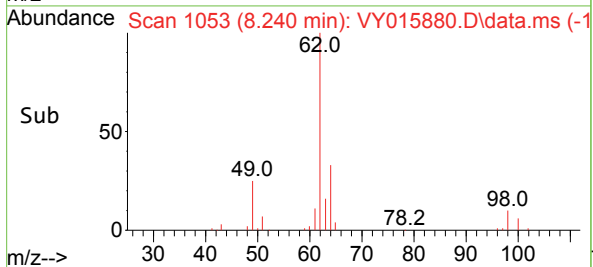
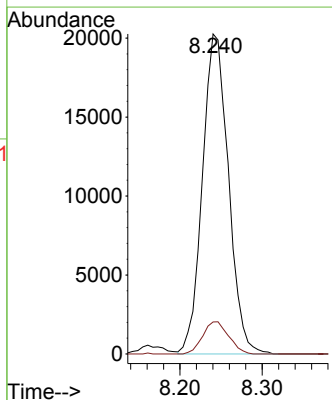
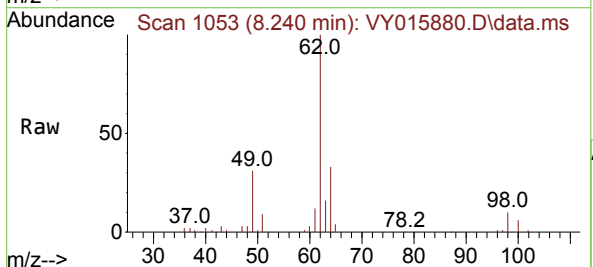


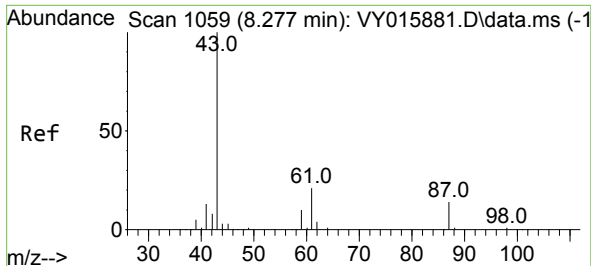
Tgt Ion: 41 Resp: 21266
Ion Ratio Lower Upper
41 100
39 43.1 52.1 78.1#
67 75.2 66.2 99.2
52 31.1 29.9 44.9



#42
1,2-Dichloroethane
Concen: 19.939 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 62 Resp: 44559
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

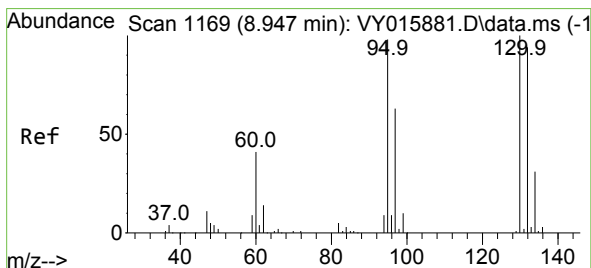
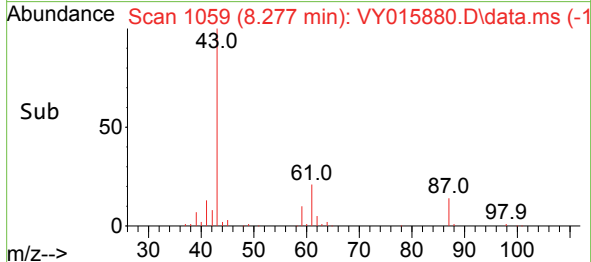
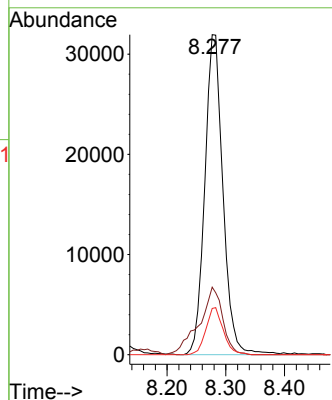
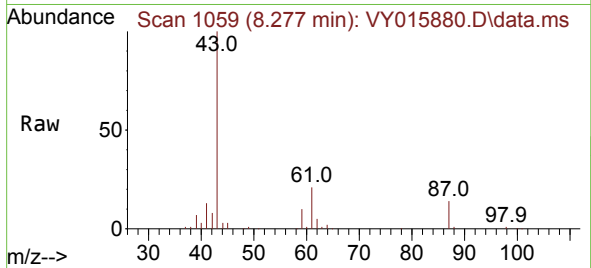




#43
Isopropyl Acetate
Concen: 20.697 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

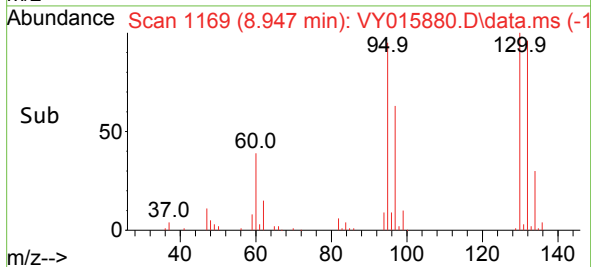
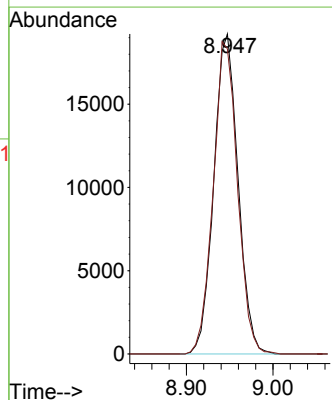
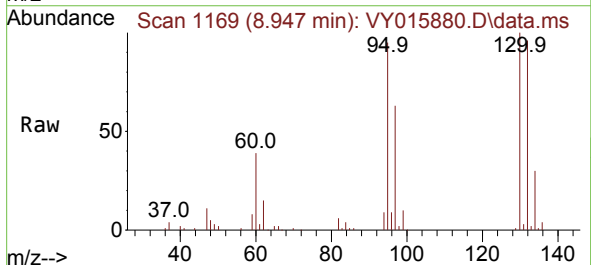
Instrument :
MSVOA_Y
ClientSampleId :

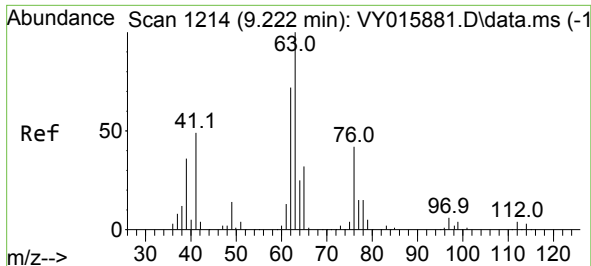
Tgt Ion: 43 Resp: 68642
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 19.678 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion:130 Resp: 37330
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0

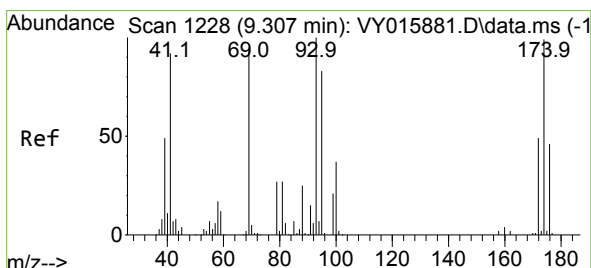
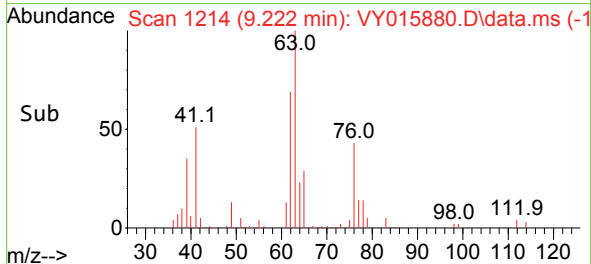
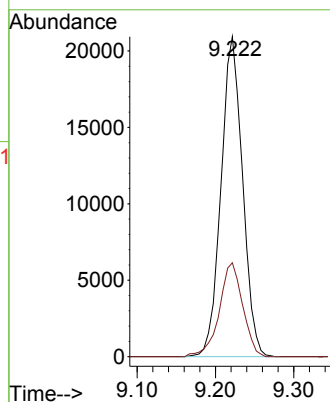
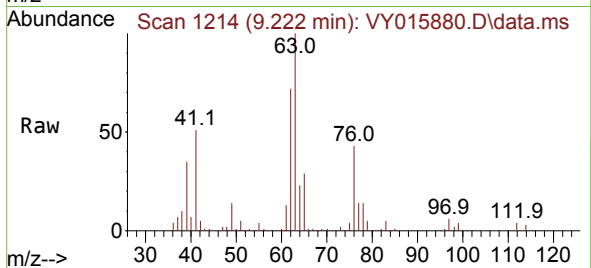




#45
1,2-Dichloropropane
Concen: 20.314 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

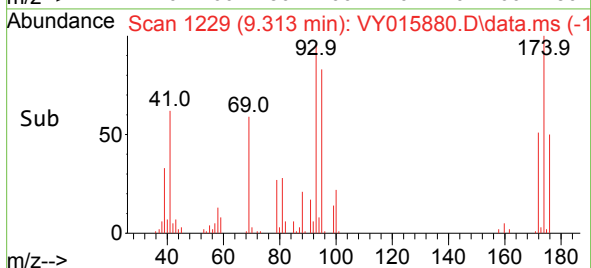
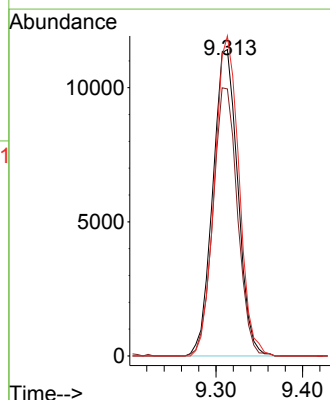
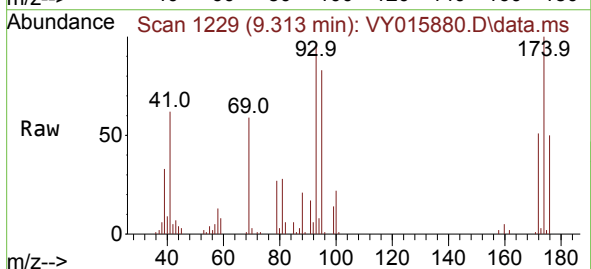
Instrument :
MSVOA_Y
ClientSampleId :

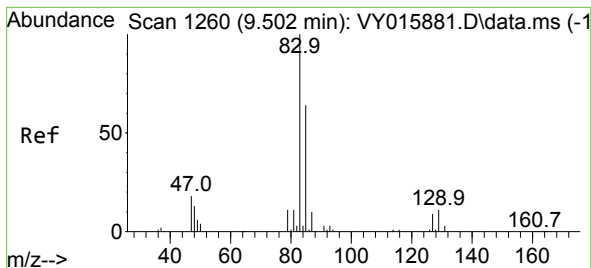
Tgt Ion: 63 Resp: 40057
Ion Ratio Lower Upper
63 100
65 29.3 23.8 35.6



#46
Dibromomethane
Concen: 19.494 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 93 Resp: 22876
Ion Ratio Lower Upper
93 100
95 85.5 66.6 100.0
174 102.1 84.8 127.2





#47

Bromodichloromethane

Concen: 20.177 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY015880.D

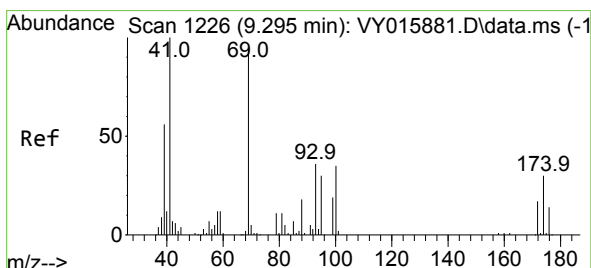
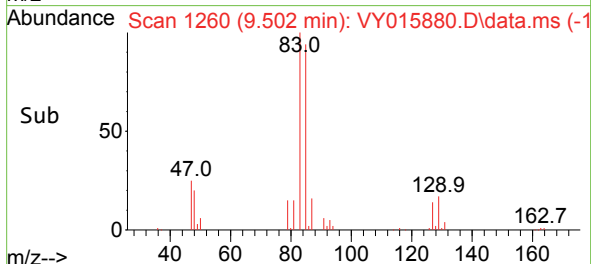
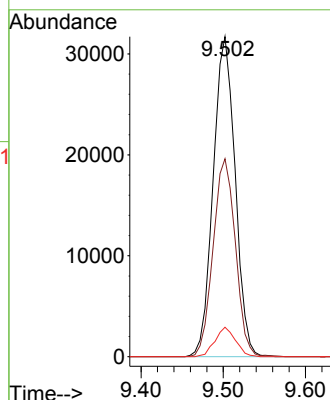
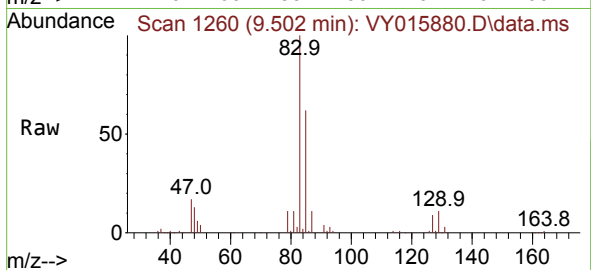
Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	58887
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.1	75.1
127	9.2	7.1	10.7



#48

Methyl methacrylate

Concen: 20.221 ug/l

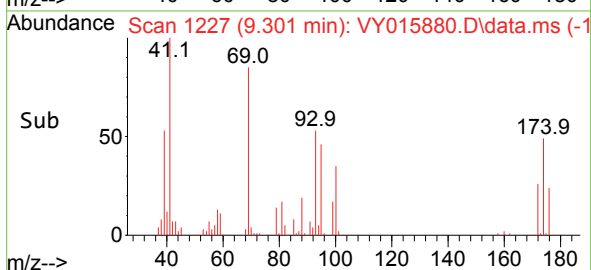
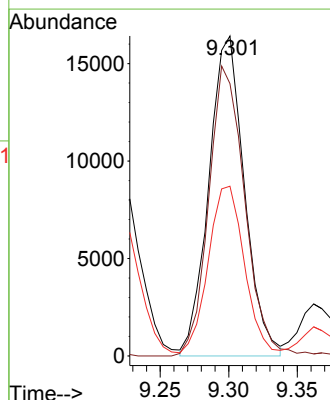
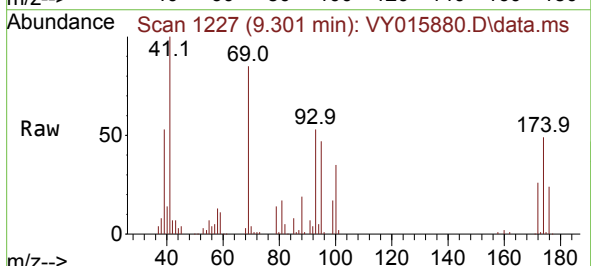
RT: 9.301 min Scan# 1227

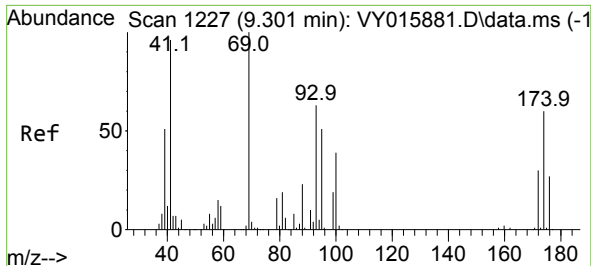
Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Tgt Ion:	41	Resp:	29616
Ion	Ratio	Lower	Upper
41	100		
69	92.6	64.5	96.7
39	54.5	50.8	76.2





#49

1,4-Dioxane

Concen: 401.588 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

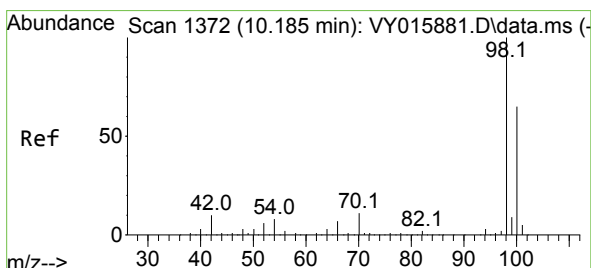
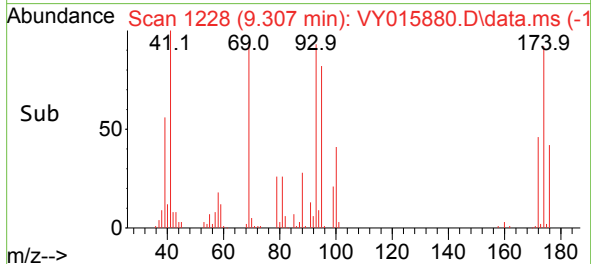
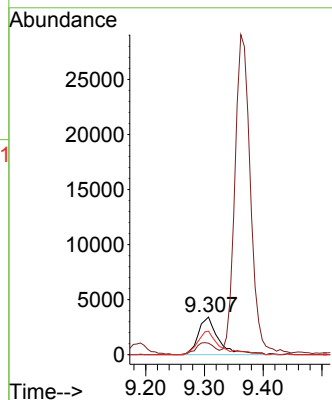
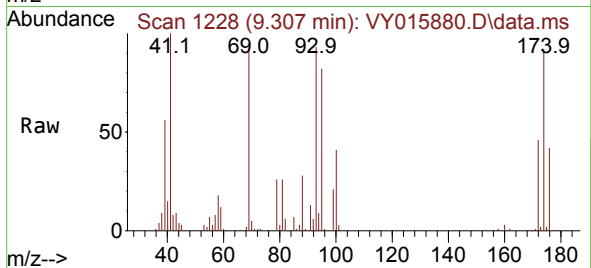
Tgt Ion: 88 Resp: 8192

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 67.9 30.9 46.3#



#50

Toluene-d8

Concen: 19.754 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015880.D

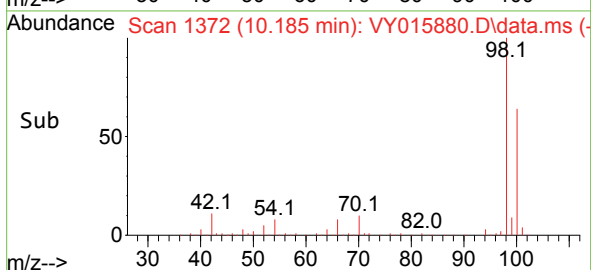
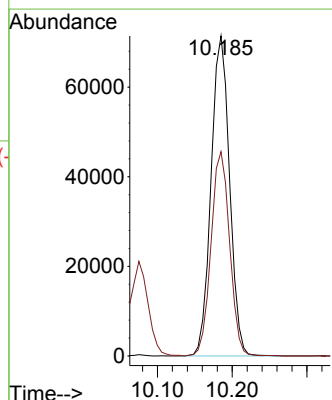
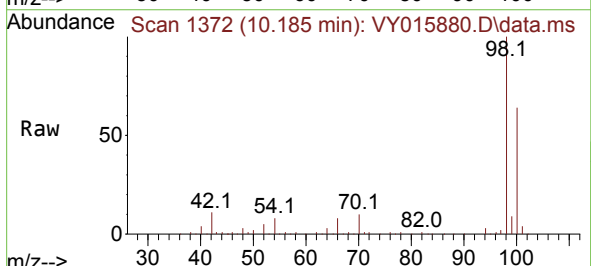
Acq: 09 Oct 2023 14:22

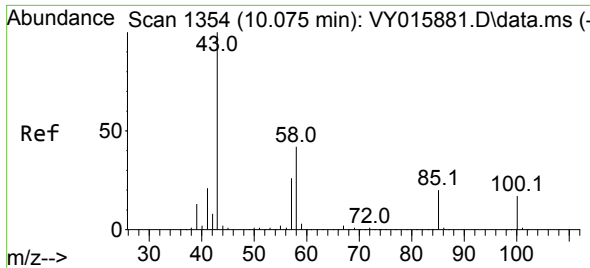
Tgt Ion: 98 Resp: 122630

Ion Ratio Lower Upper

98 100

100 64.2 50.1 75.1

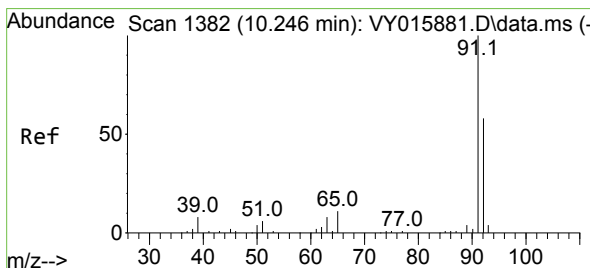
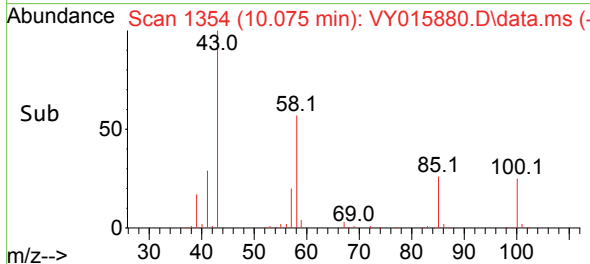
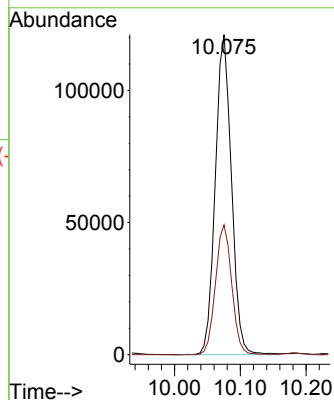
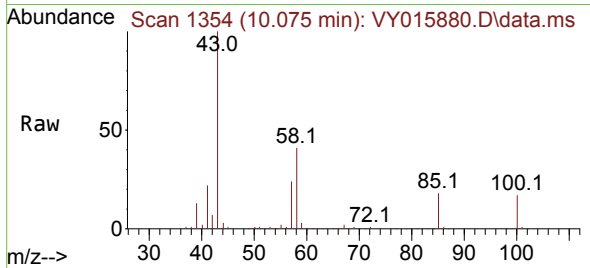




#51
4-Methyl-2-Pentanone
Concen: 104.391 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

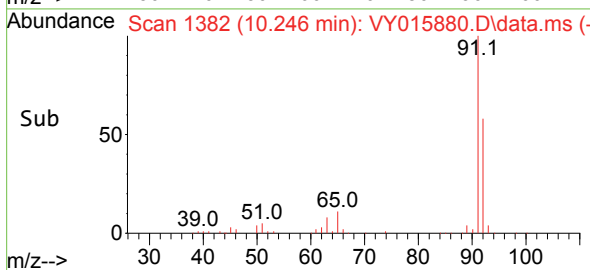
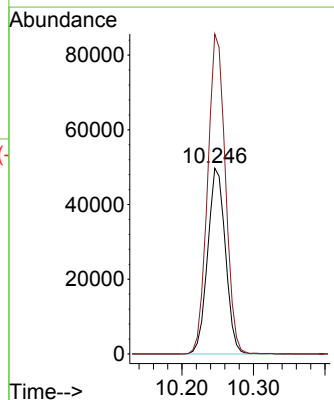
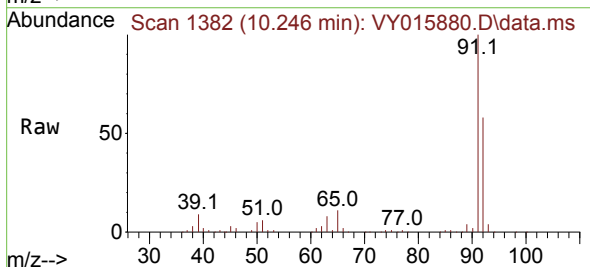
Instrument :
MSVOA_Y
ClientSampleId :

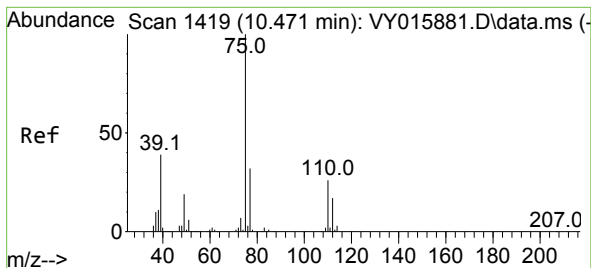
Tgt Ion: 43 Resp: 207132
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6



#52
Toluene
Concen: 19.697 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 92 Resp: 85716
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6

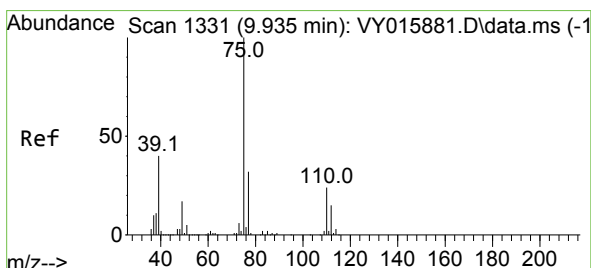
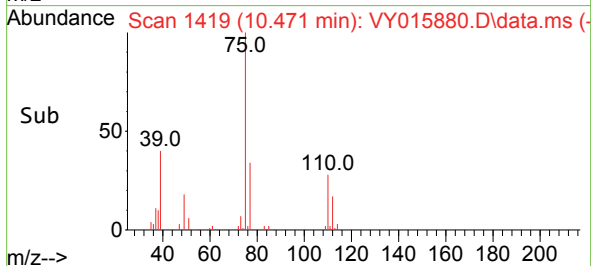
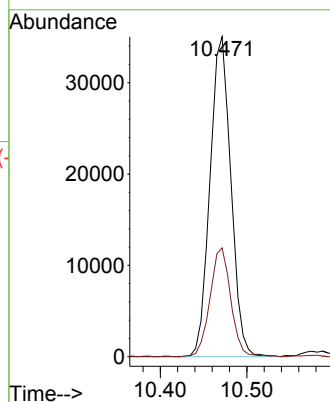
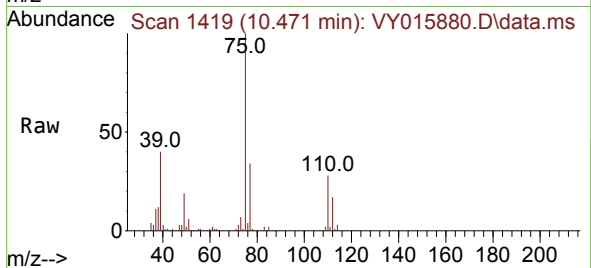




#53
t-1,3-Dichloropropene
Concen: 19.901 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

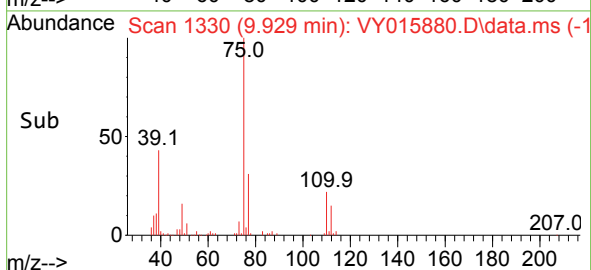
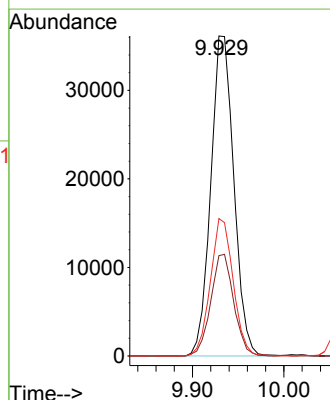
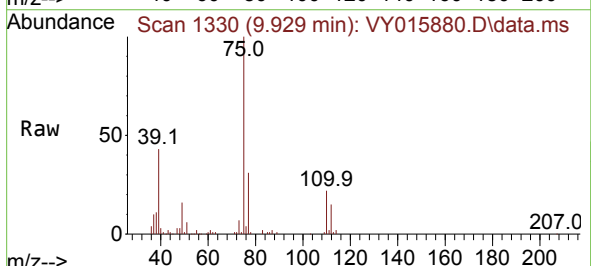
Instrument :
MSVOA_Y
ClientSampleId :

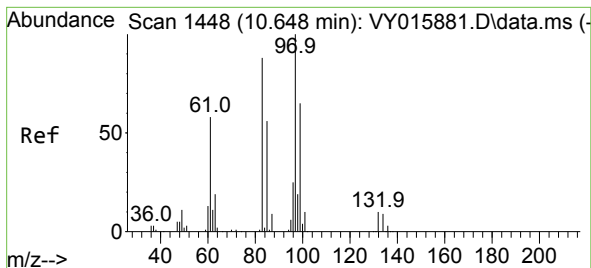
Tgt Ion: 75 Resp: 58716
Ion Ratio Lower Upper
75 100
77 34.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.775 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 75 Resp: 63379
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 42.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.088 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 37535

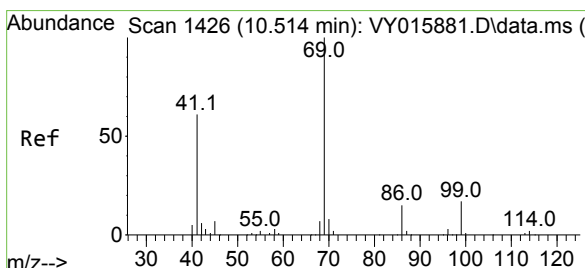
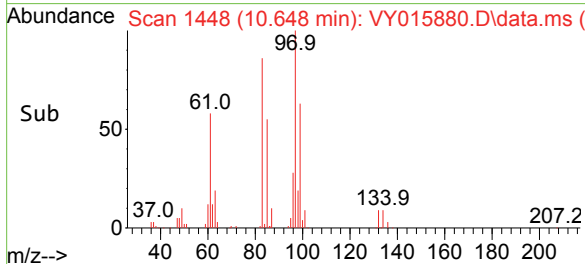
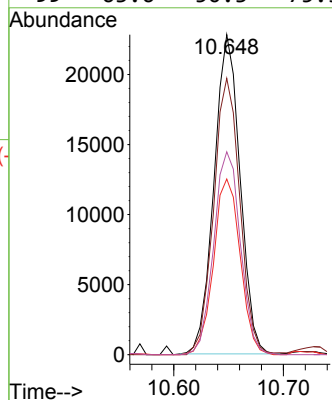
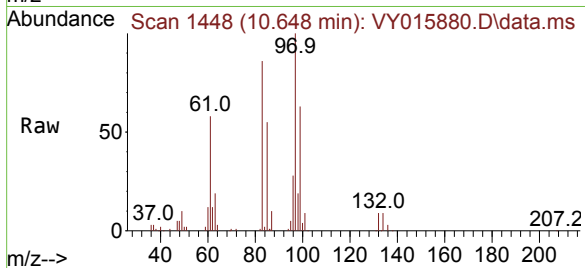
Ion Ratio Lower Upper

97 100

83 86.6 72.0 108.0

85 55.1 45.4 68.0

99 63.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.086 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

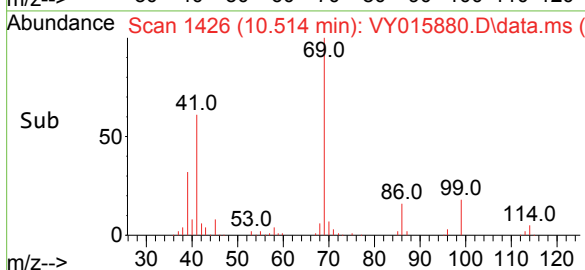
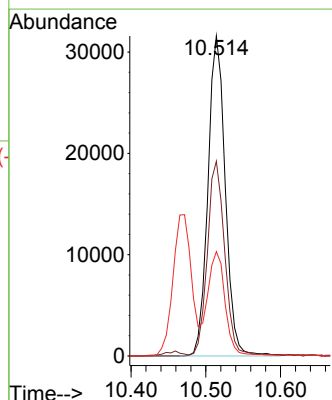
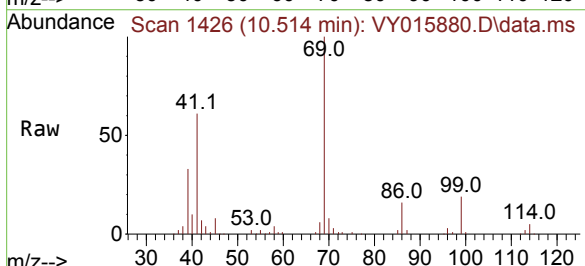
Tgt Ion: 69 Resp: 50953

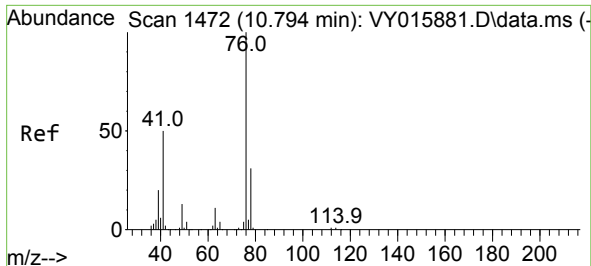
Ion Ratio Lower Upper

69 100

41 60.7 57.6 86.4

39 33.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.355 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

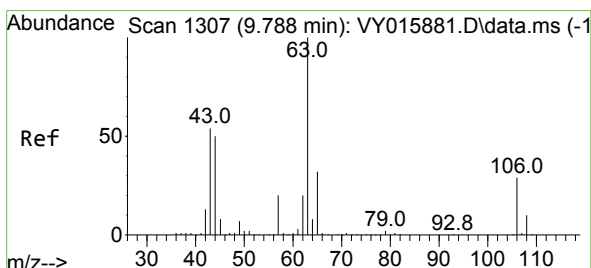
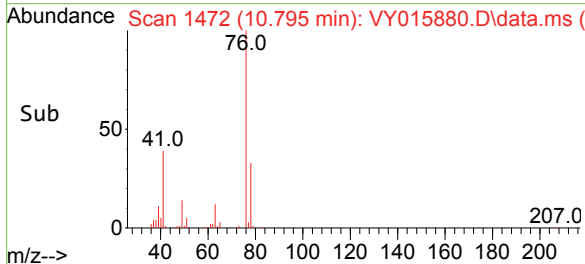
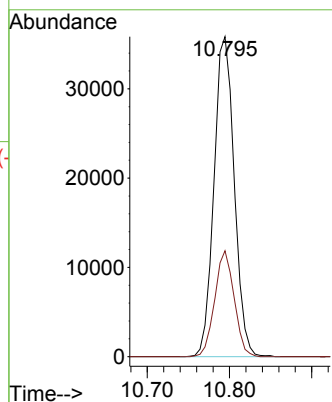
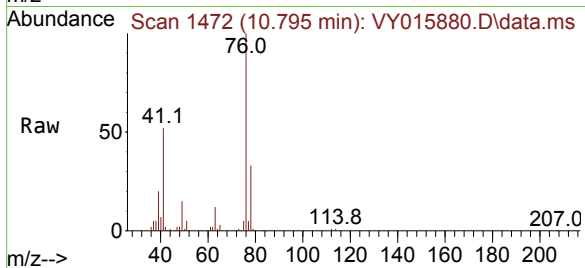
ClientSampleId :

Tgt Ion: 76 Resp: 61321

Ion Ratio Lower Upper

76 100

78 31.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 98.860 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY015880.D

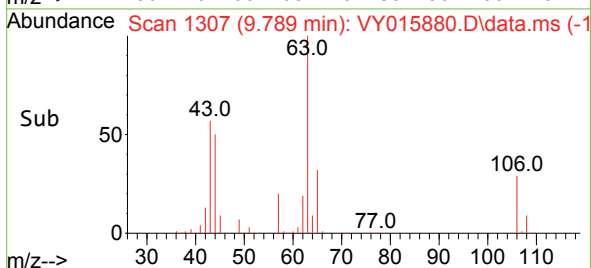
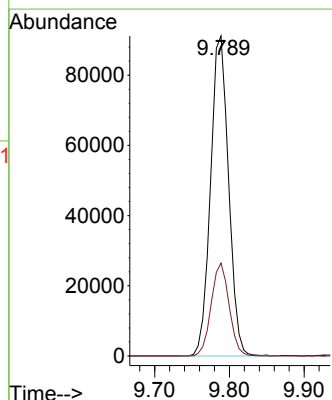
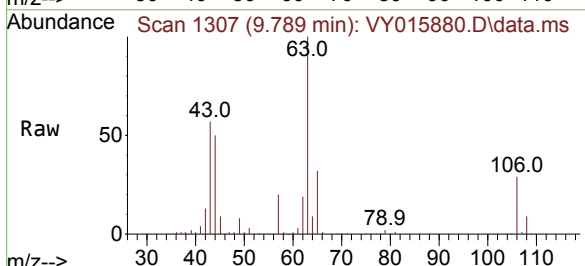
Acq: 09 Oct 2023 14:22

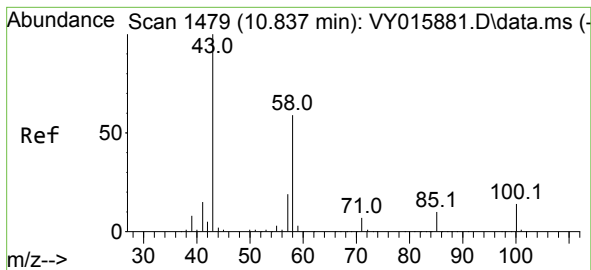
Tgt Ion: 63 Resp: 152854

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

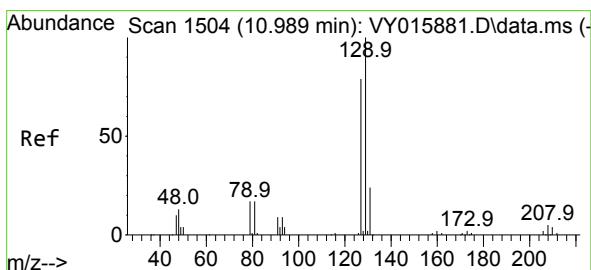
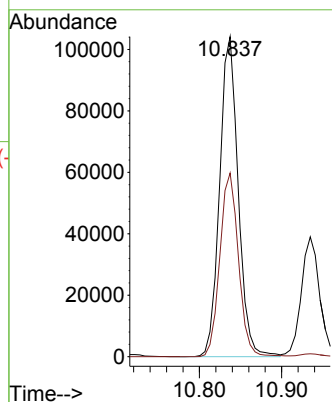
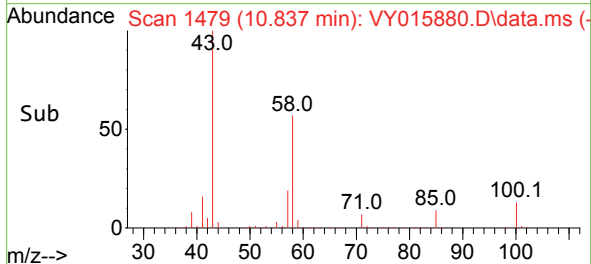
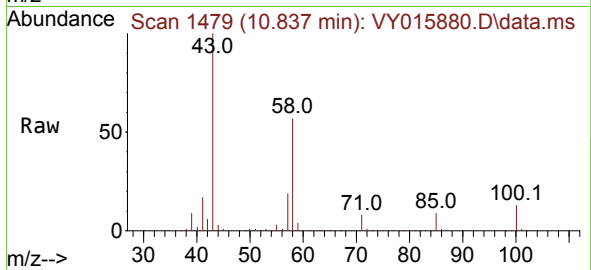




#59
2-Hexanone
Concen: 108.911 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

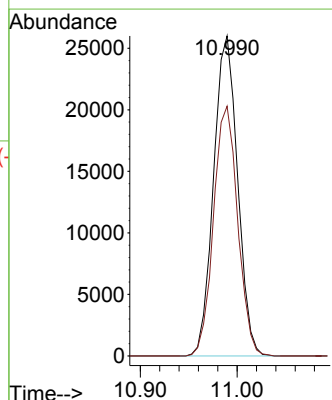
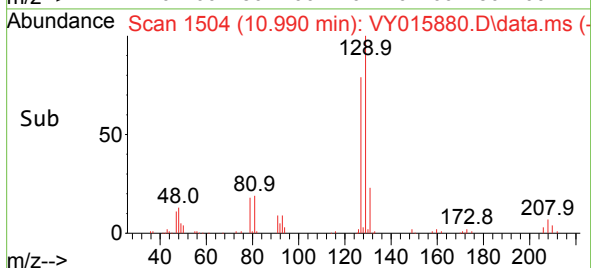
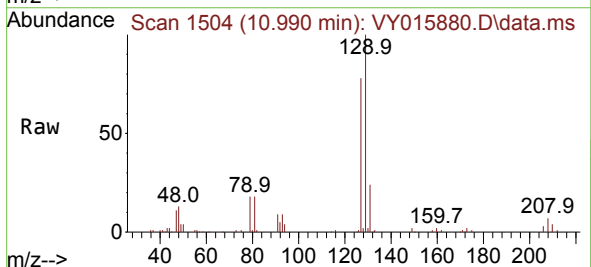
Instrument :
MSVOA_Y
ClientSampleId :

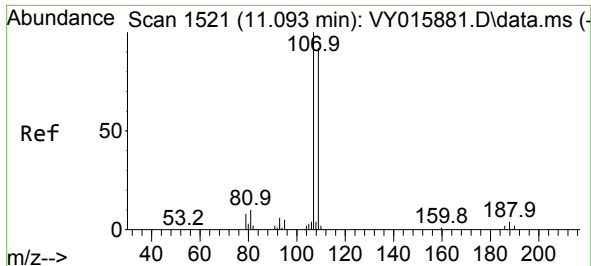
Tgt Ion: 43 Resp: 163491
Ion Ratio Lower Upper
43 100
58 57.5 25.1 75.3



#60
Dibromochloromethane
Concen: 19.988 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion:129 Resp: 44773
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

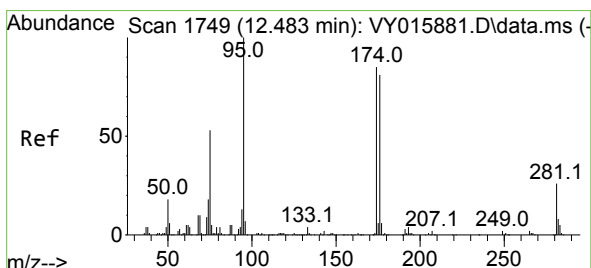
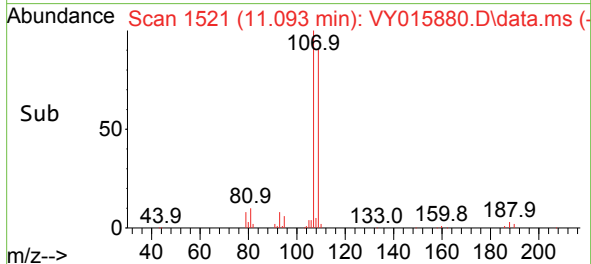
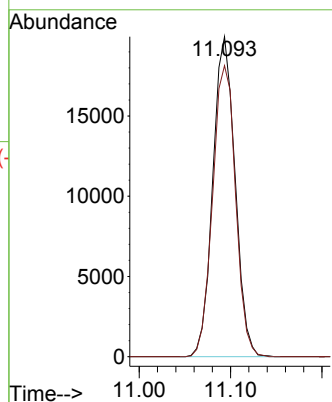
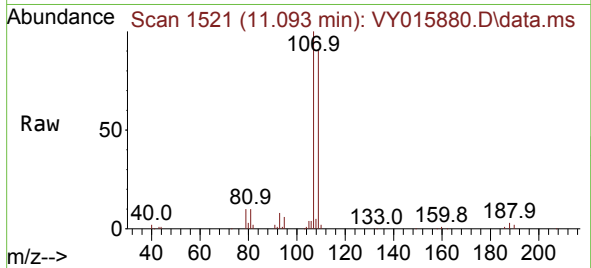




#61
1,2-Dibromoethane
Concen: 19.719 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

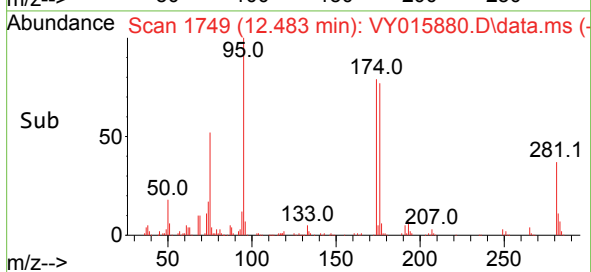
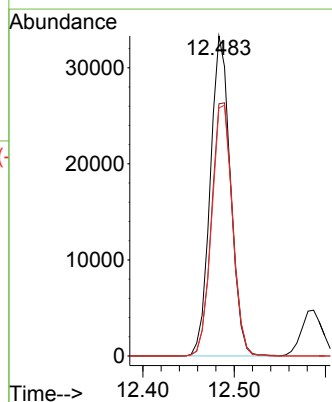
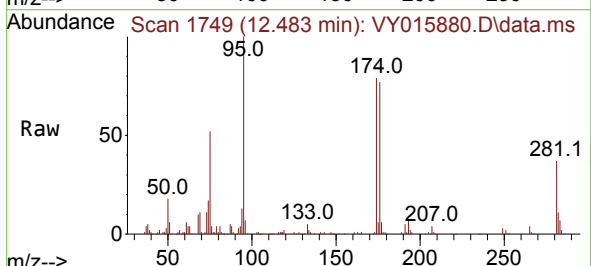
Instrument :
MSVOA_Y
ClientSampleId :

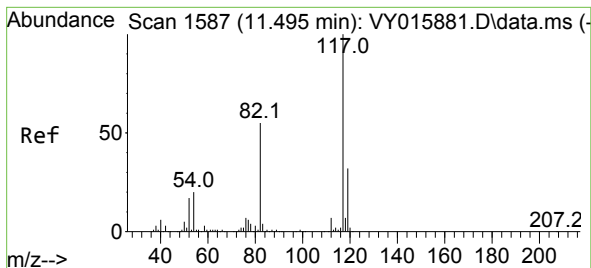
Tgt Ion:107 Resp: 33652
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 95 Resp: 50886
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

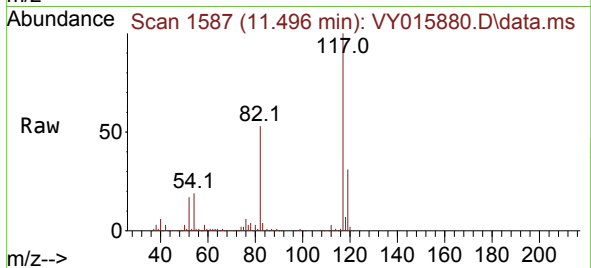
Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :



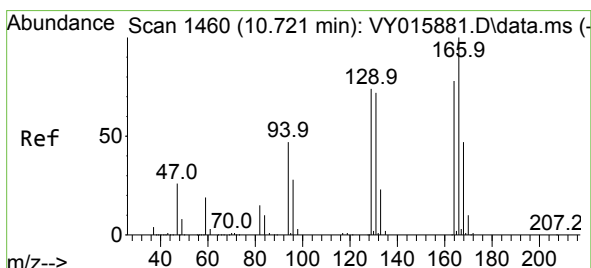
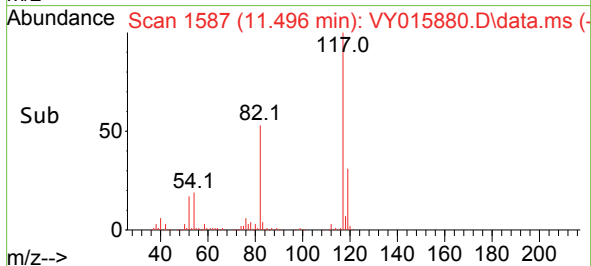
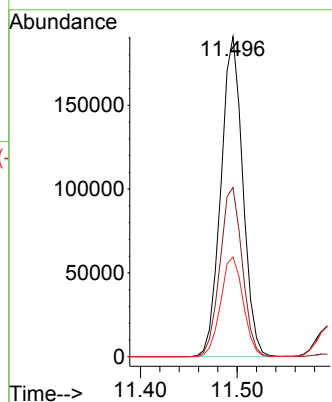
Tgt Ion:117 Resp: 299378

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 31.2 26.3 39.5



#64

Tetrachloroethene

Concen: 20.607 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Tgt Ion:164 Resp: 40261

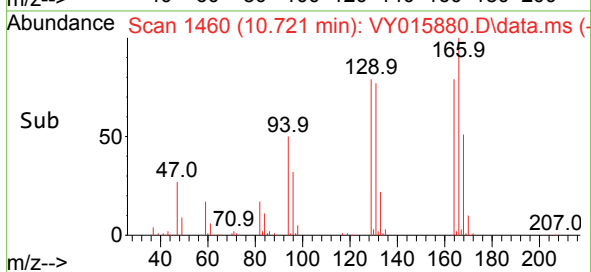
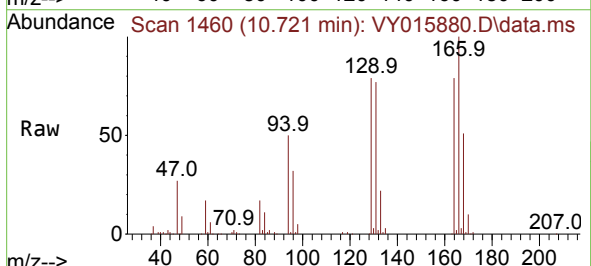
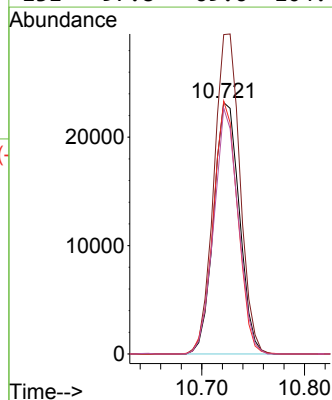
Ion Ratio Lower Upper

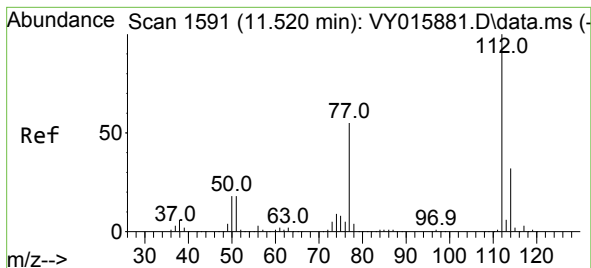
164 100

166 127.0 103.0 154.6

129 100.7 77.2 115.8

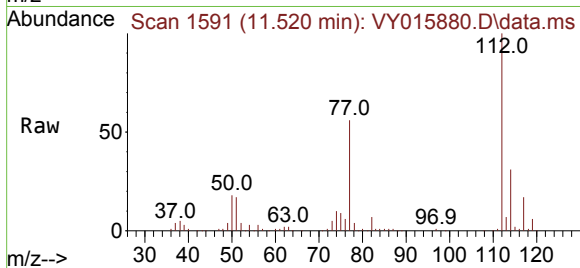
131 97.8 69.6 104.4



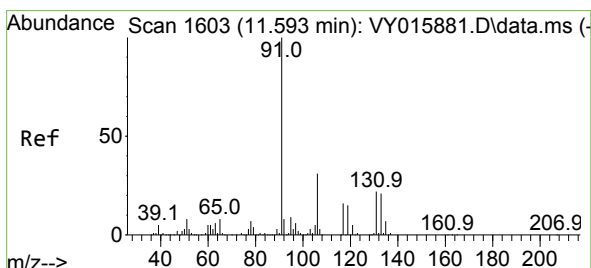
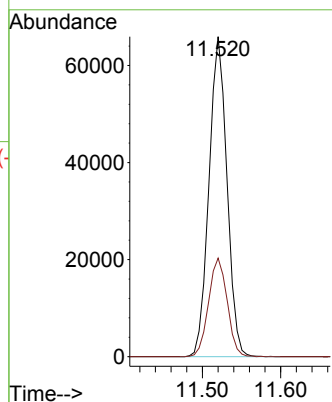
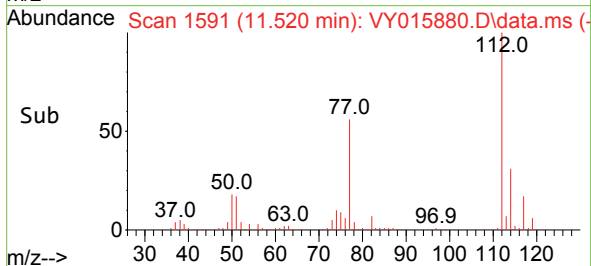


#65
Chlorobenzene
Concen: 20.087 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

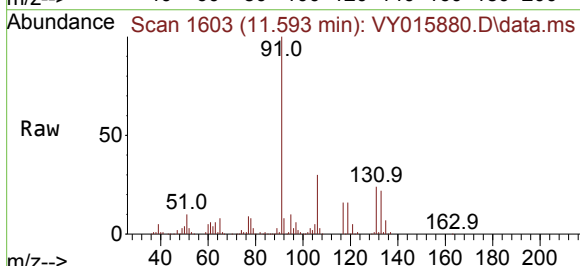
Instrument :
MSVOA_Y
ClientSampleId :



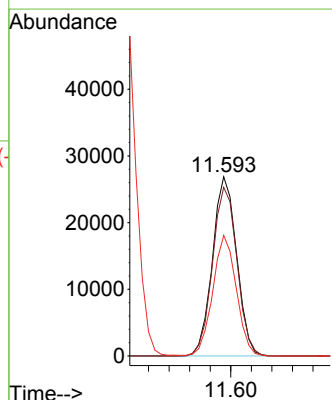
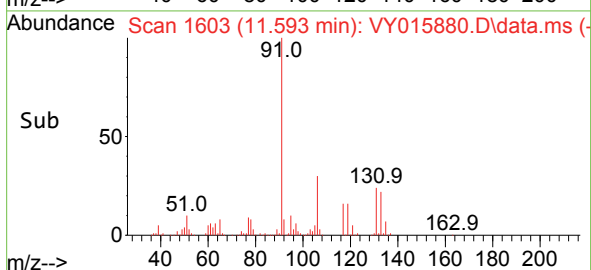
Tgt Ion:112 Resp: 104897
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3

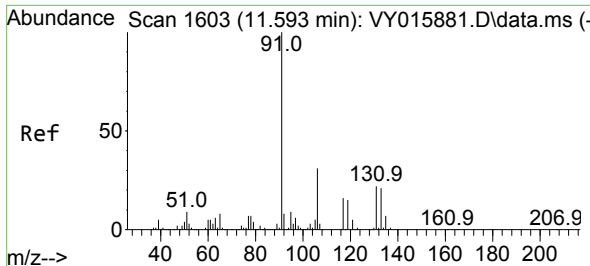


#66
1,1,1,2-Tetrachloroethane
Concen: 20.556 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22



Tgt Ion:131 Resp: 43875
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 20.168 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

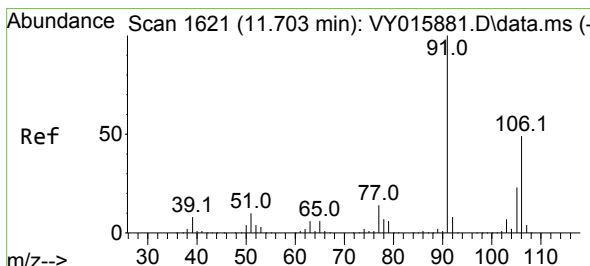
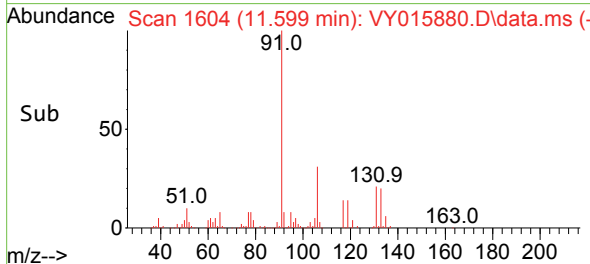
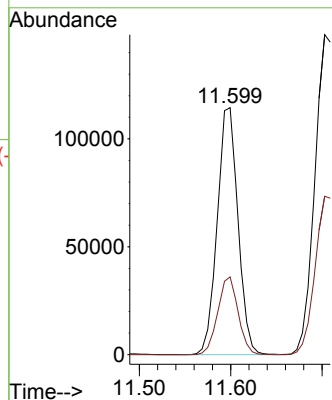
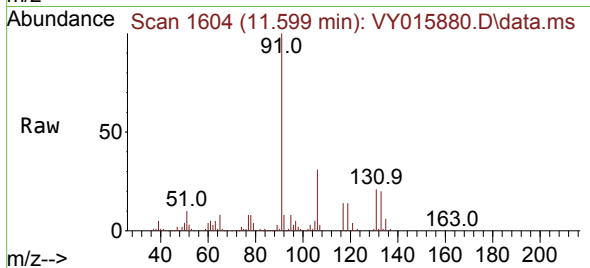
ClientSampleId :

Tgt Ion: 91 Resp: 180677

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 40.403 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015880.D

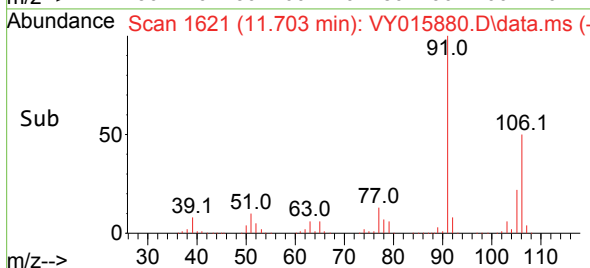
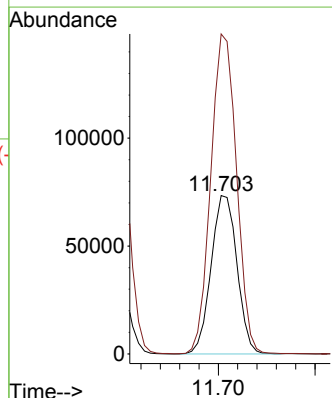
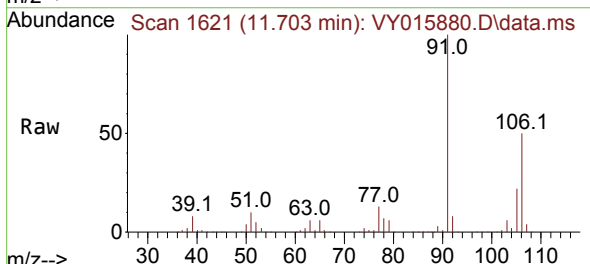
Acq: 09 Oct 2023 14:22

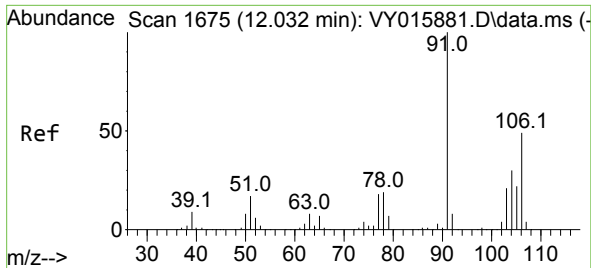
Tgt Ion:106 Resp: 136390

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1

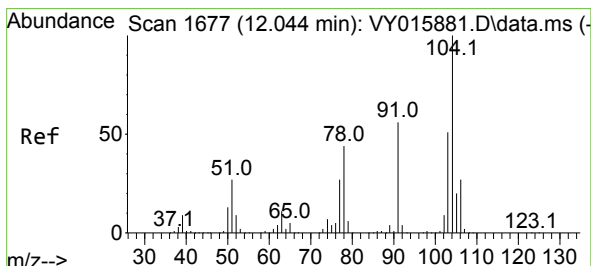
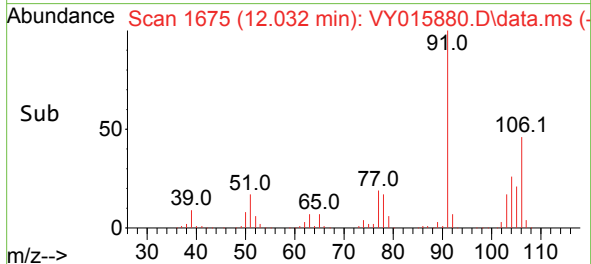
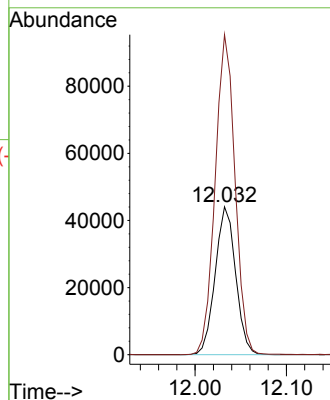
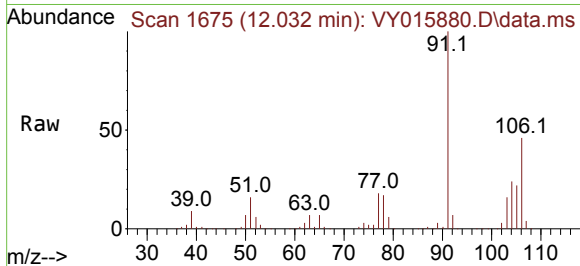




#69
o-Xylene
Concen: 20.307 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

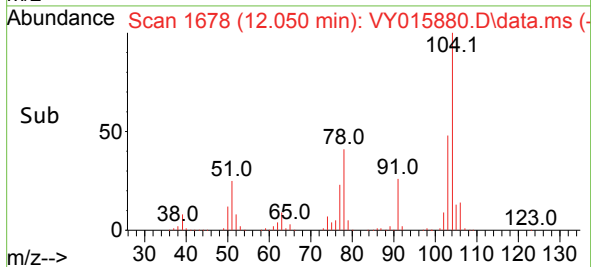
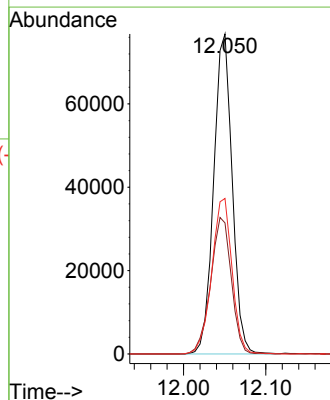
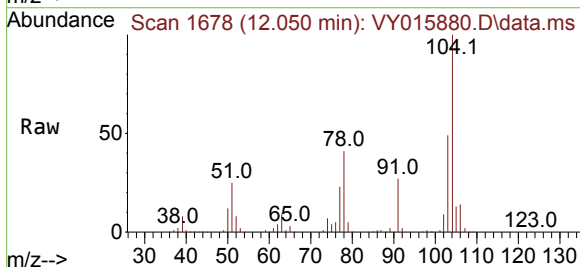
Instrument :
MSVOA_Y
ClientSampleId :

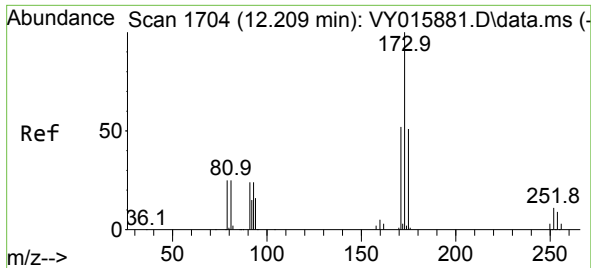
Tgt Ion:106 Resp: 68588
Ion Ratio Lower Upper
106 100
91 210.5 108.1 324.3



#70
Styrene
Concen: 20.419 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

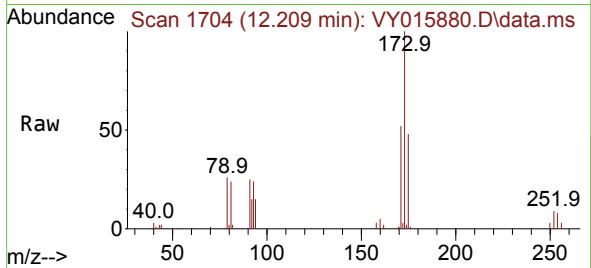
Tgt Ion:104 Resp: 120327
Ion Ratio Lower Upper
104 100
78 47.6 41.5 62.3
103 53.4 44.6 67.0



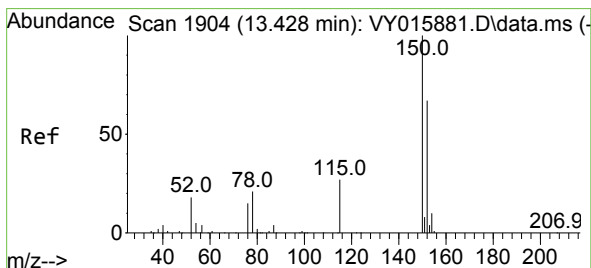
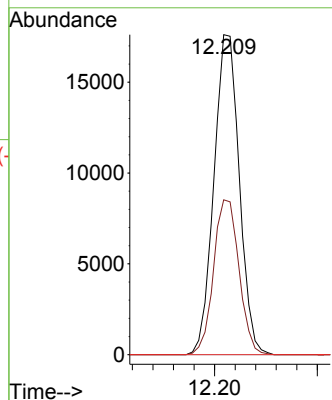
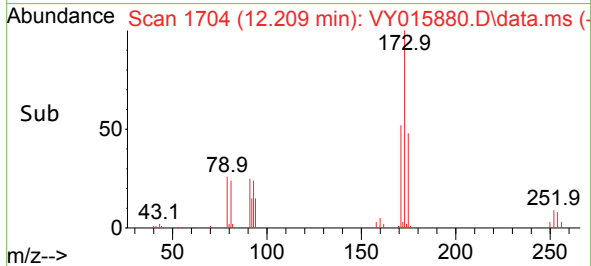


#71
Bromoform
Concen: 20.272 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

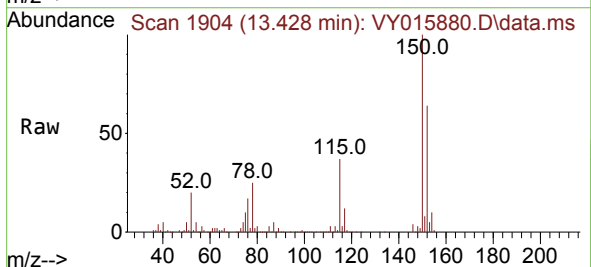
Instrument :
MSVOA_Y
ClientSampleId :



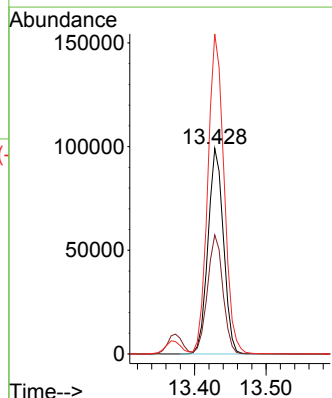
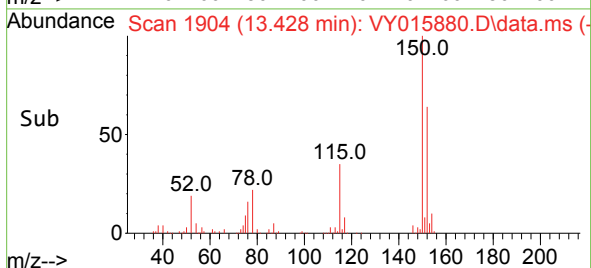
Tgt Ion:173 Resp: 30131
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.2 0.2#

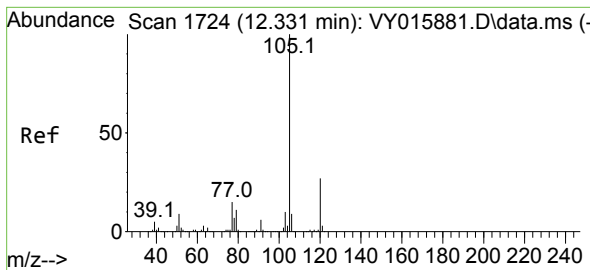


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22



Tgt Ion:152 Resp: 149139
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 163.3 0.0 348.8

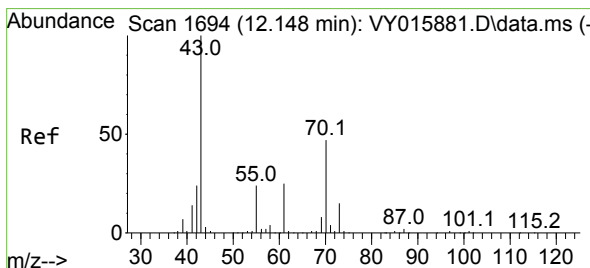
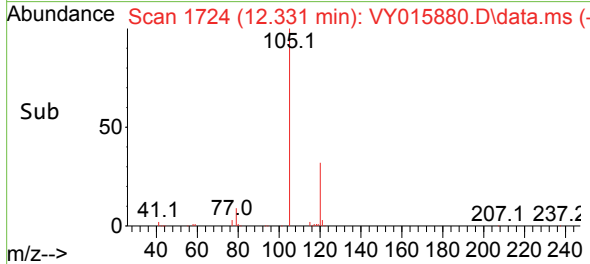
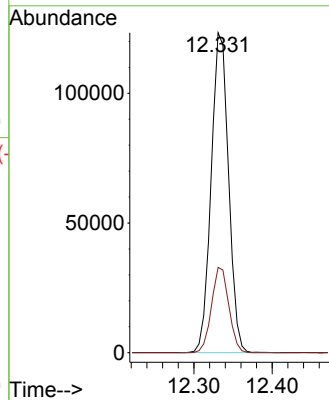
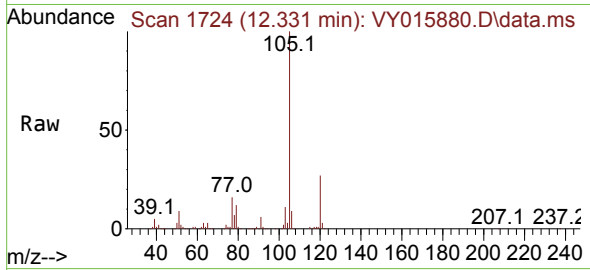




#73
Isopropylbenzene
Concen: 20.202 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

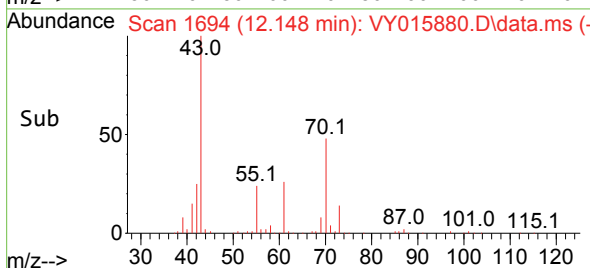
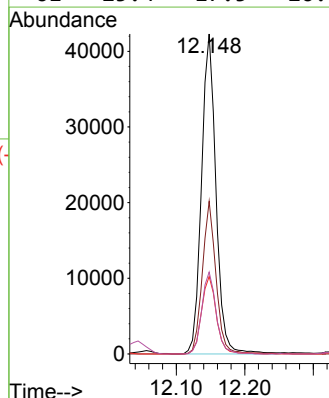
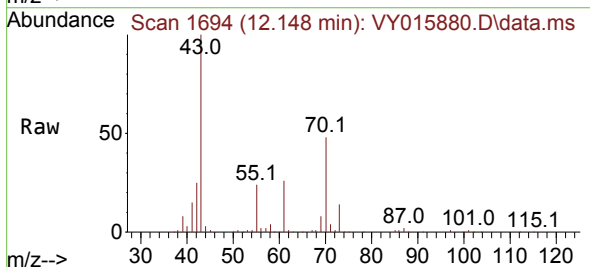
Instrument :
MSVOA_Y
ClientSampleId :

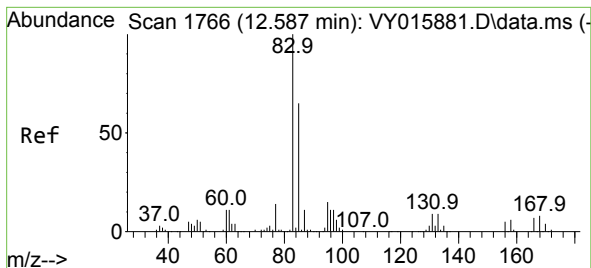
Tgt Ion:105 Resp: 190055
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 21.023 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 43 Resp: 62328
Ion Ratio Lower Upper
43 100
70 45.3 29.7 44.5#
55 24.7 18.3 27.5
61 25.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.276 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

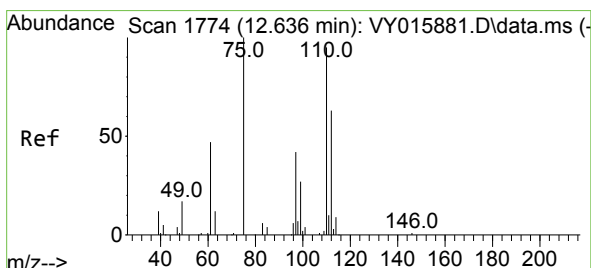
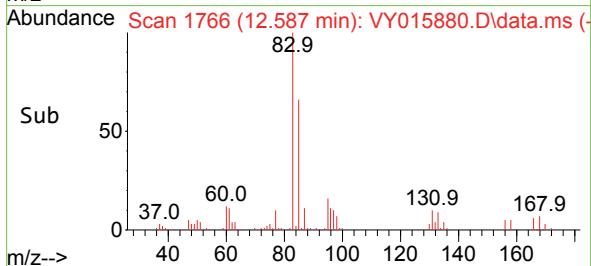
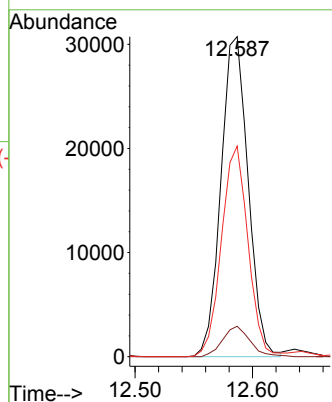
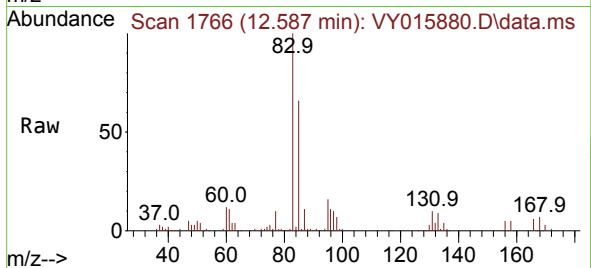
Tgt Ion: 83 Resp: 49463

Ion Ratio Lower Upper

83 100

131 9.6 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.558 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015880.D

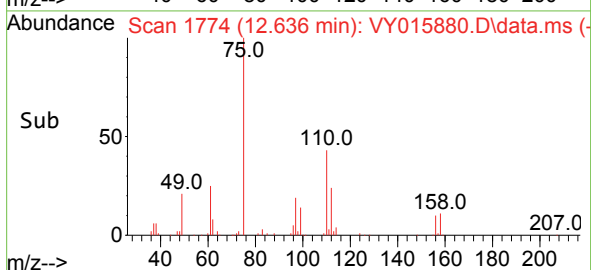
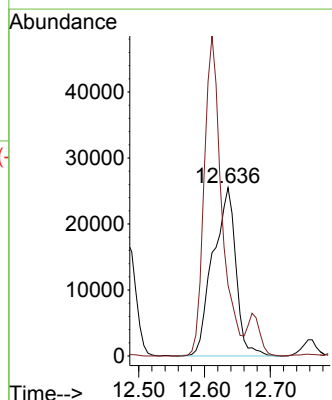
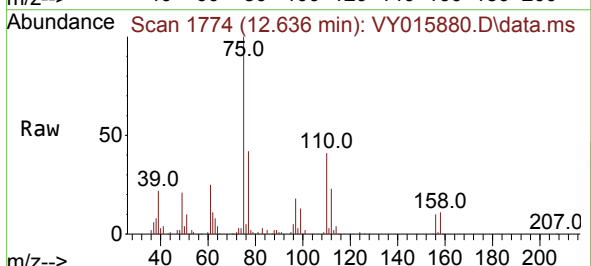
Acq: 09 Oct 2023 14:22

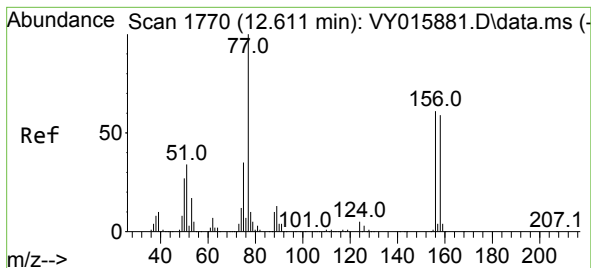
Tgt Ion: 75 Resp: 62005

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.984 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015880.D

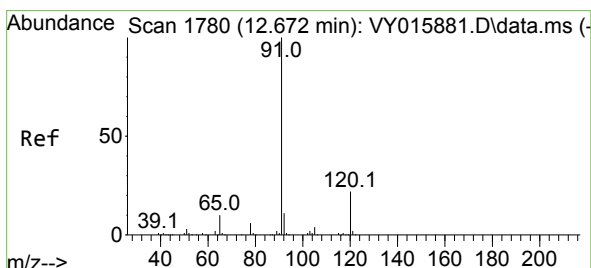
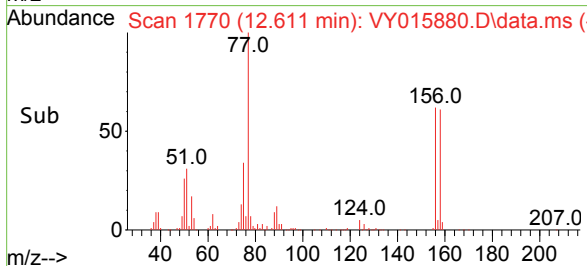
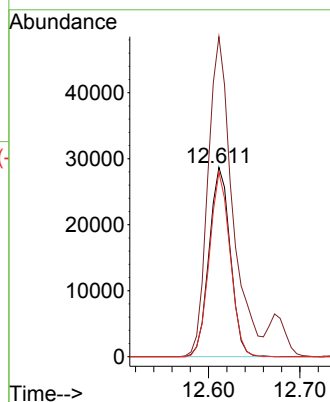
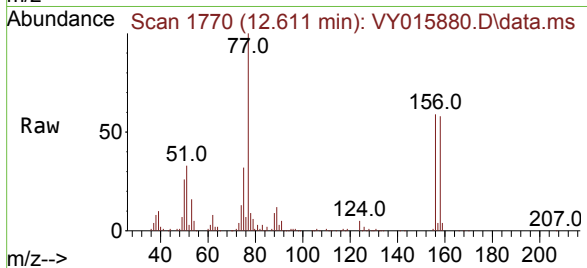
Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	46100
Ion Ratio	Lower	Upper	
156	100		
77	196.1	92.8	278.6
158	95.8	48.4	145.3



#78

n-propylbenzene

Concen: 20.296 ug/l

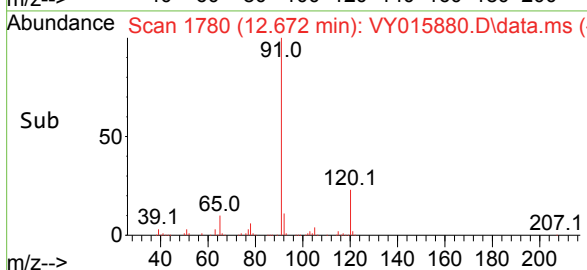
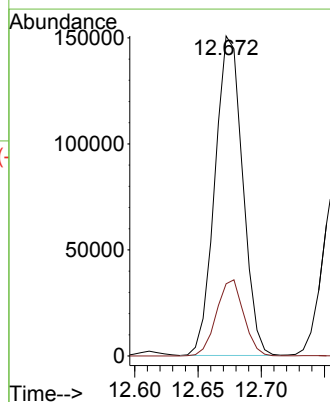
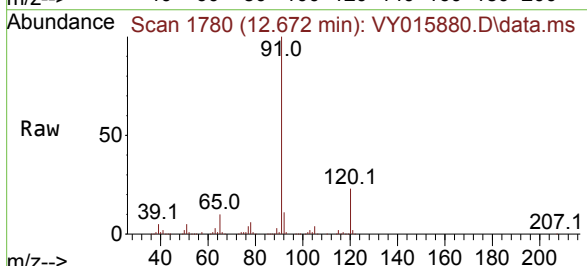
RT: 12.672 min Scan# 1780

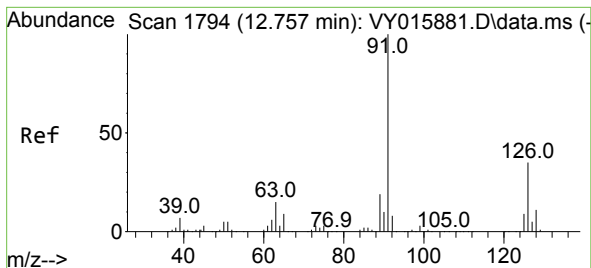
Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Tgt Ion:	91	Resp:	229618
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4

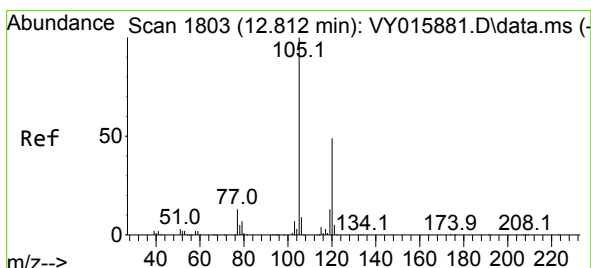
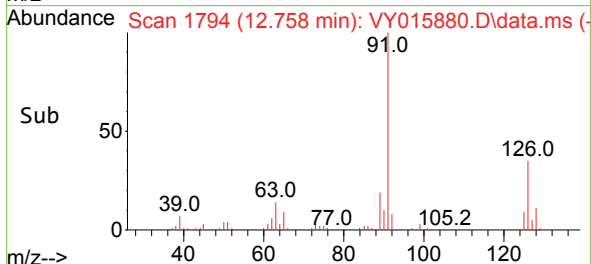
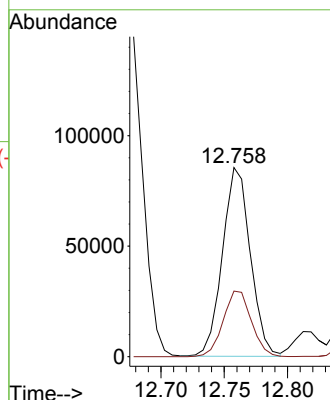
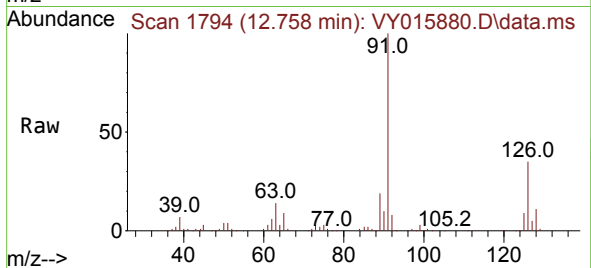




#79
2-Chlorotoluene
Concen: 20.333 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

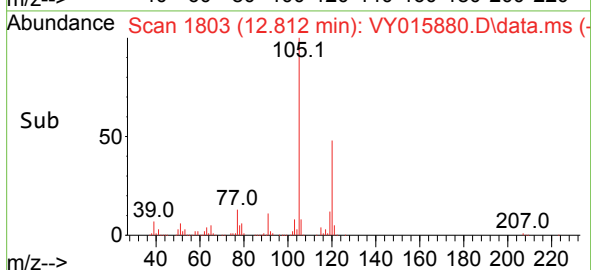
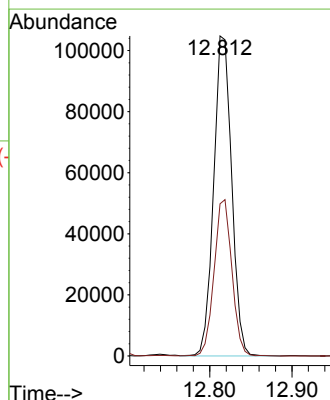
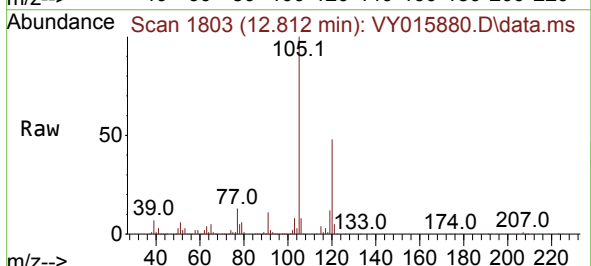
Instrument :
MSVOA_Y
ClientSampleId :

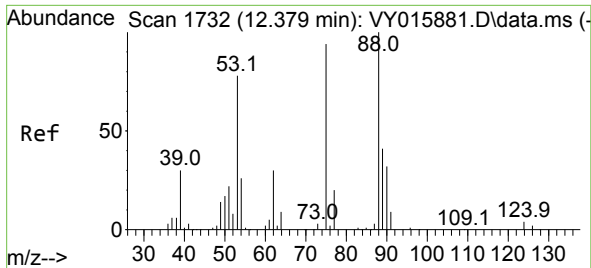
Tgt Ion: 91 Resp: 131035
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.586 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 105 Resp: 159621
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

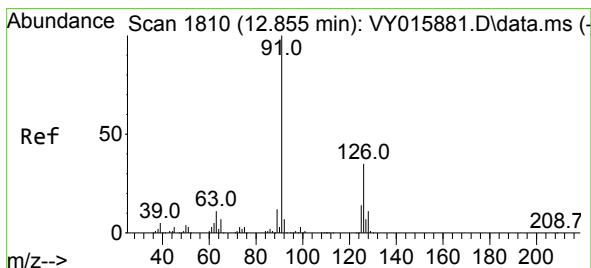
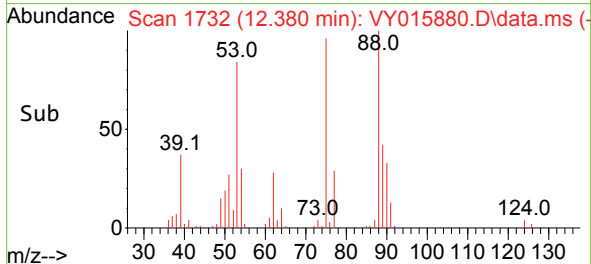
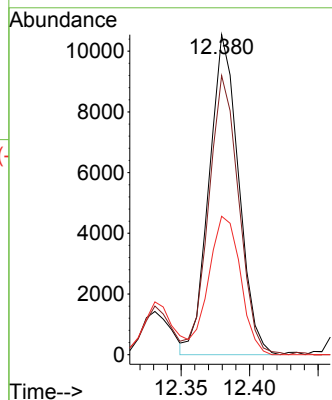
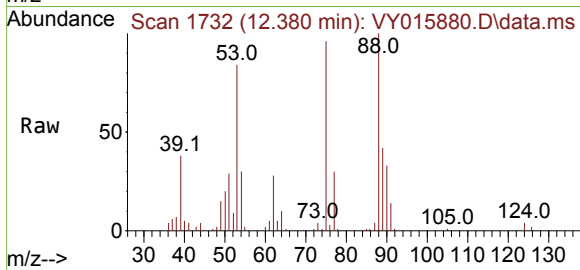




#81
trans-1,4-Dichloro-2-butene
Concen: 20.128 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

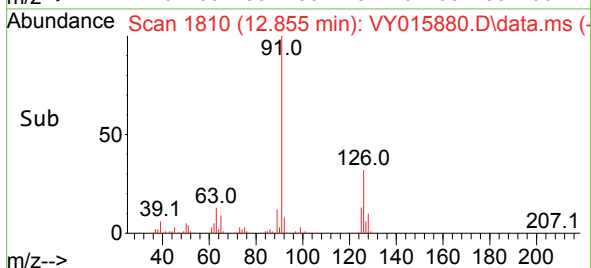
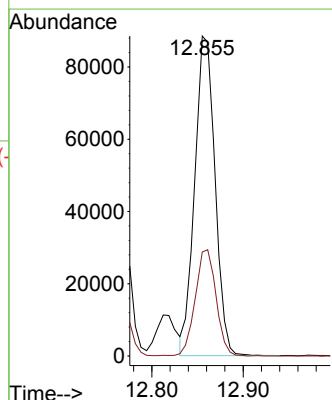
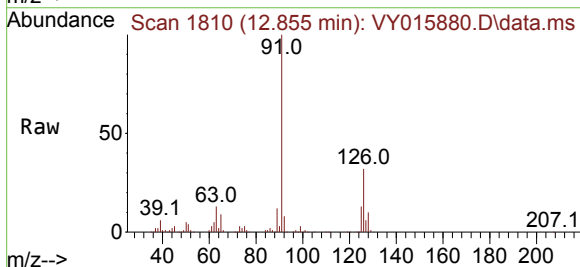
Instrument :
MSVOA_Y
ClientSampleId :

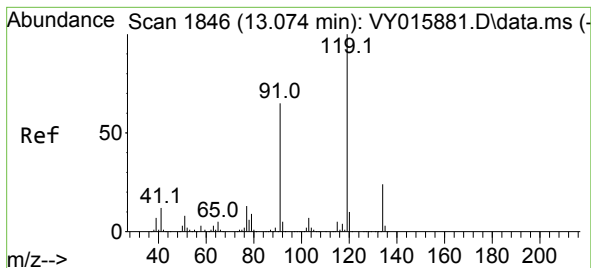
Tgt Ion: 75 Resp: 15803
Ion Ratio Lower Upper
75 100
53 88.9 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.392 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 91 Resp: 136949
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.575 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

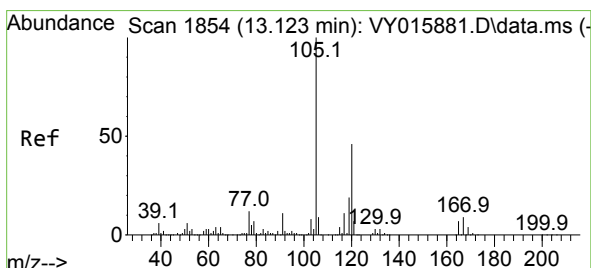
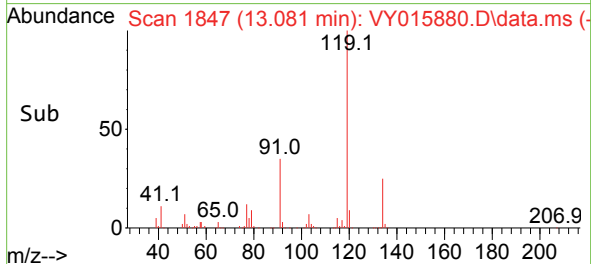
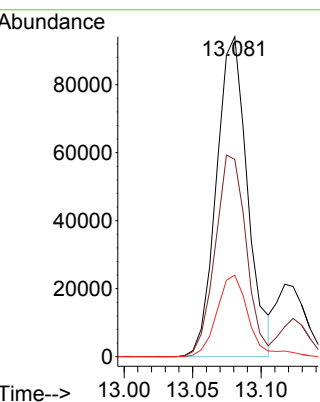
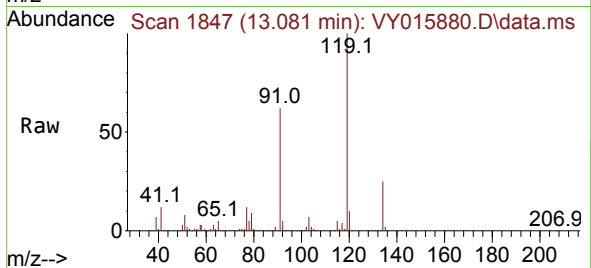
Tgt Ion:119 Resp: 148892

Ion Ratio Lower Upper

119 100

91 62.8 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.270 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015880.D

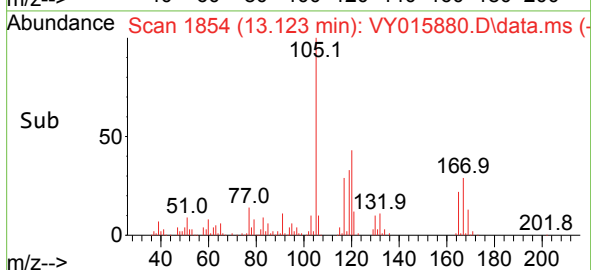
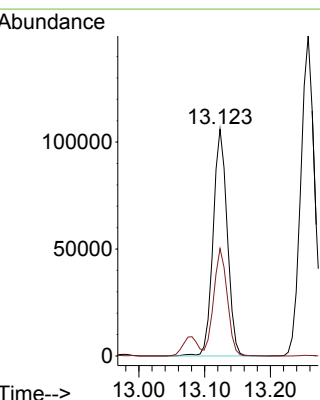
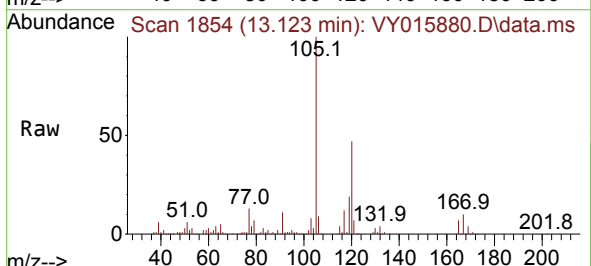
Acq: 09 Oct 2023 14:22

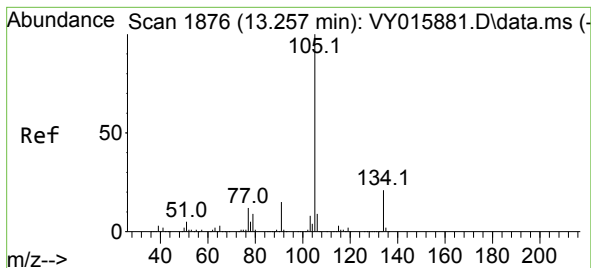
Tgt Ion:105 Resp: 158274

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.508 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

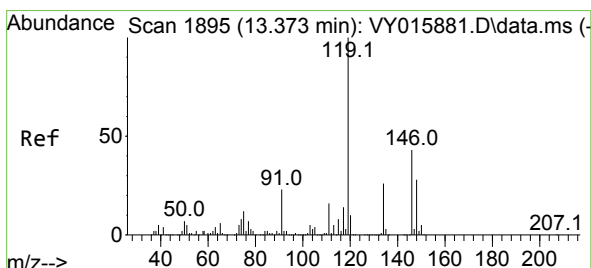
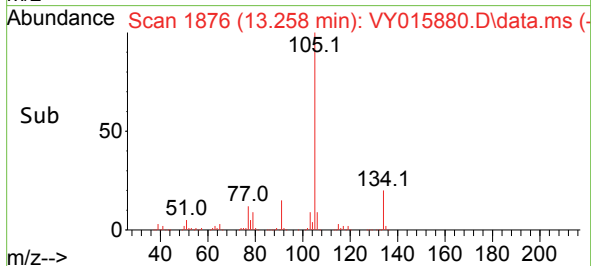
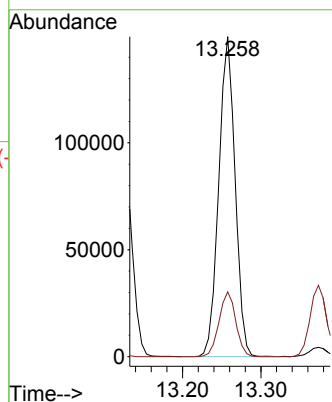
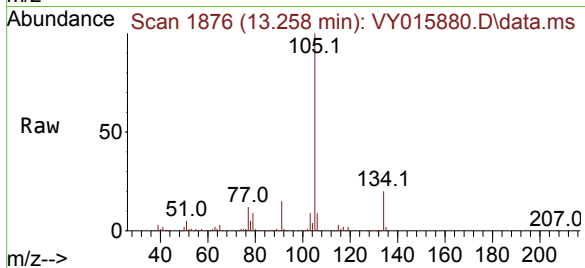
ClientSampleId :

Tgt Ion:105 Resp: 217637

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.714 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

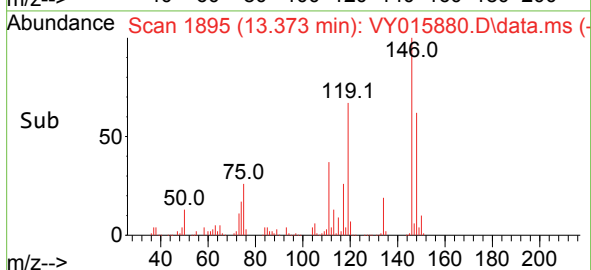
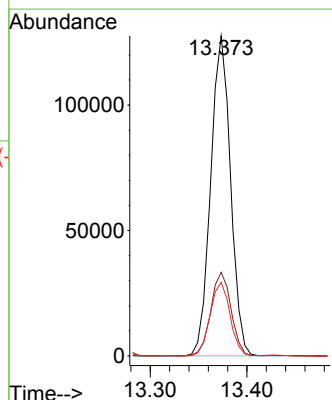
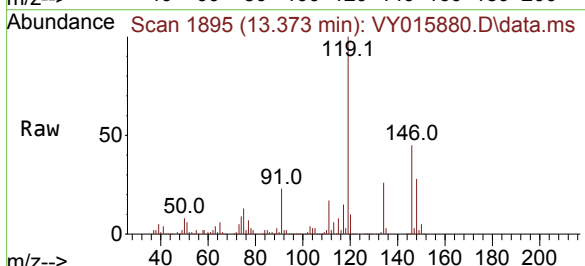
Tgt Ion:119 Resp: 181849

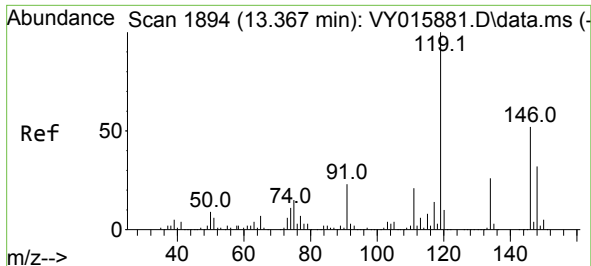
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.478 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

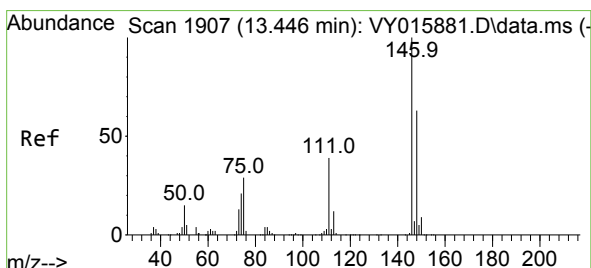
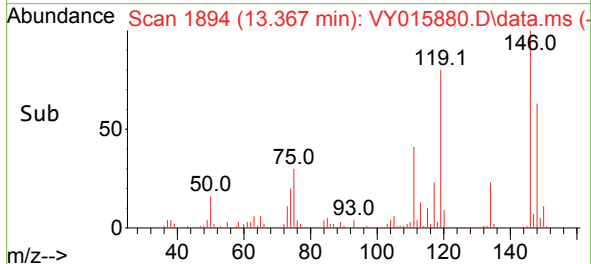
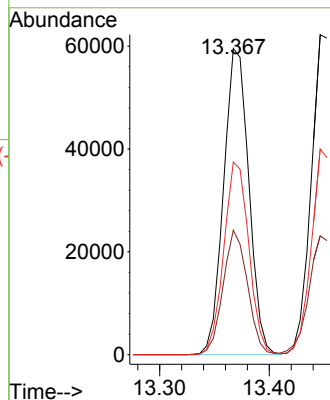
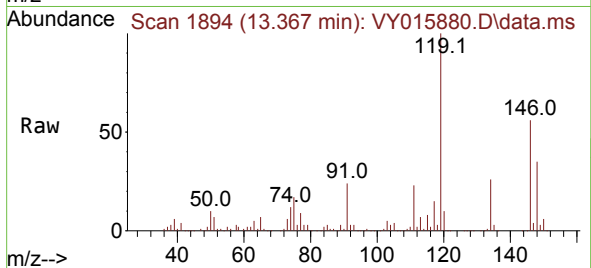
Tgt Ion:146 Resp: 95105

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 62.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.502 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

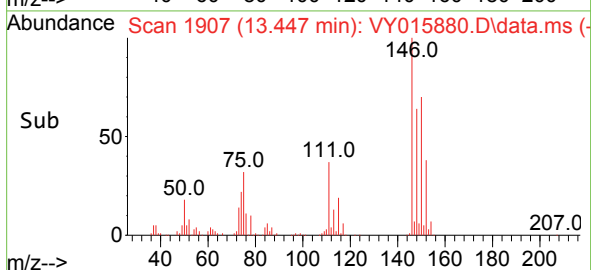
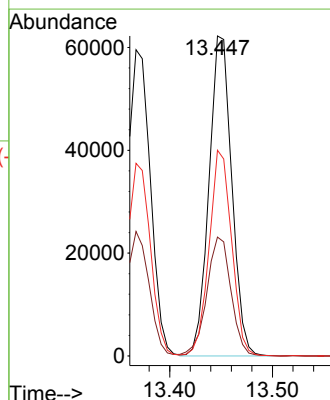
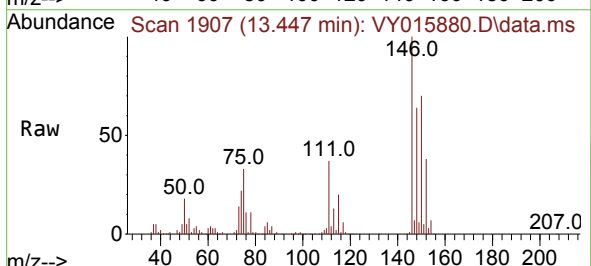
Tgt Ion:146 Resp: 95888

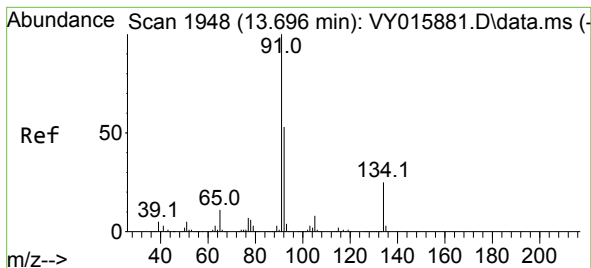
Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 21.072 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

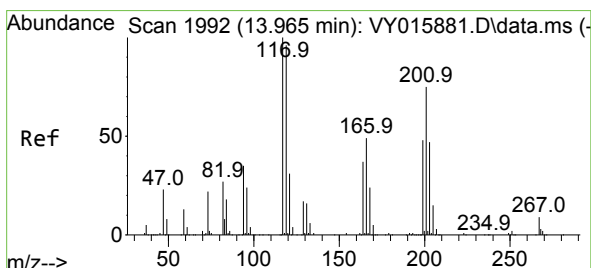
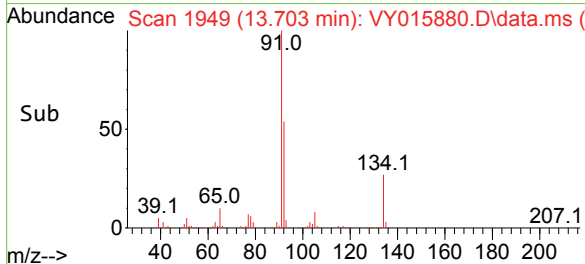
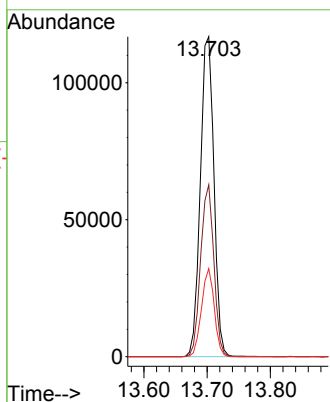
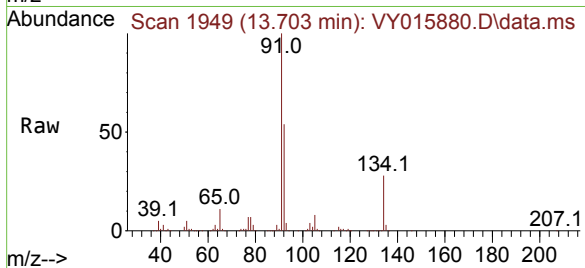
Tgt Ion: 91 Resp: 175062

Ion Ratio Lower Upper

91 100

92 52.2 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 20.063 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015880.D

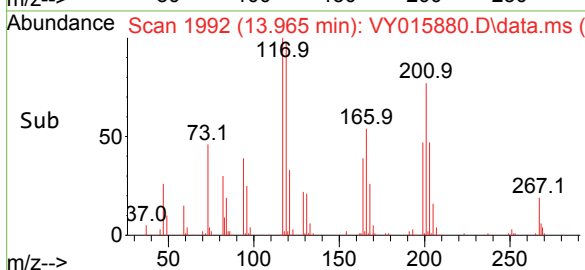
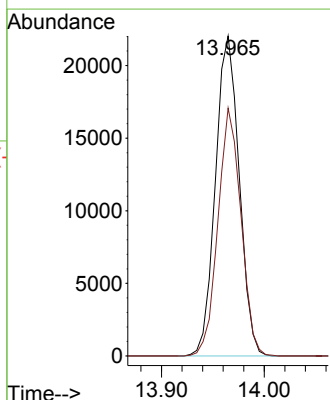
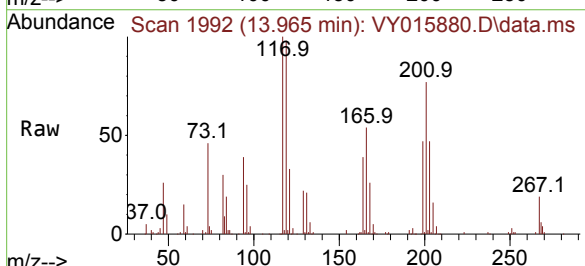
Acq: 09 Oct 2023 14:22

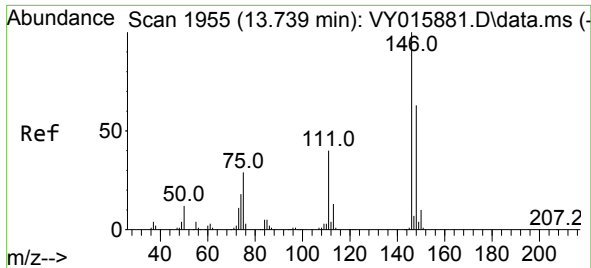
Tgt Ion: 117 Resp: 35348

Ion Ratio Lower Upper

117 100

201 75.0 41.6 124.8

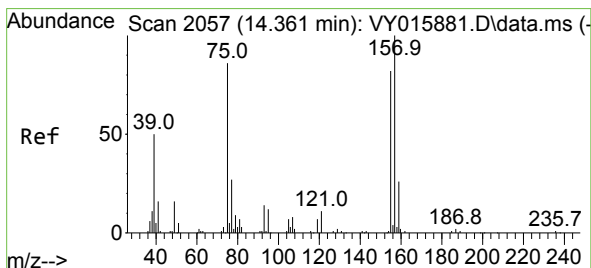
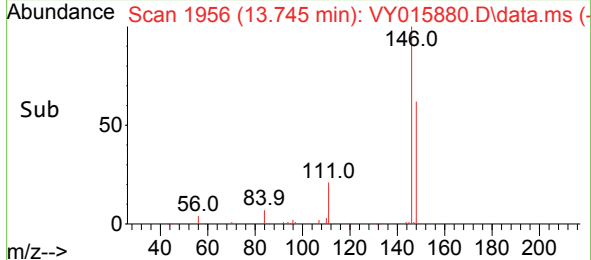
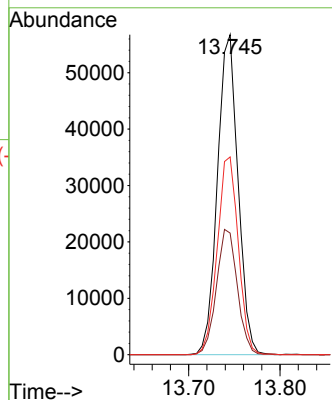
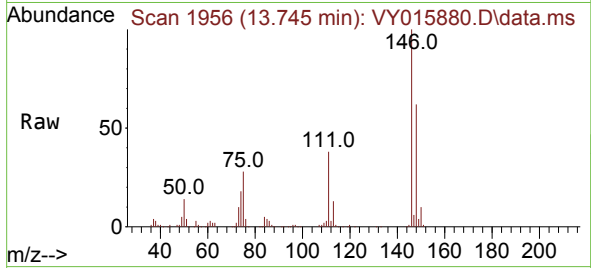




#91
1,2-Dichlorobenzene
Concen: 20.601 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

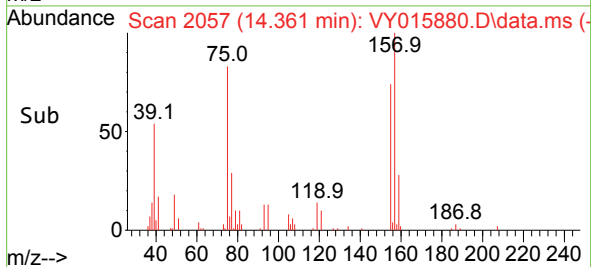
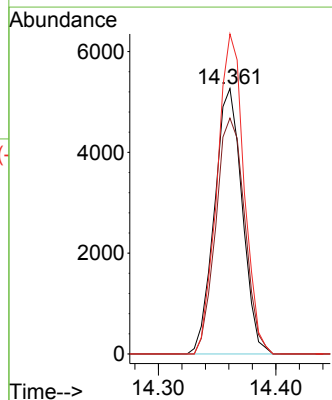
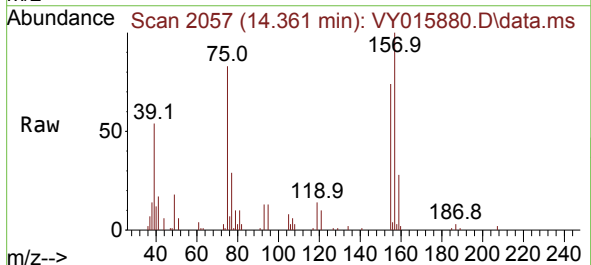
Instrument :
MSVOA_Y
ClientSampleId :

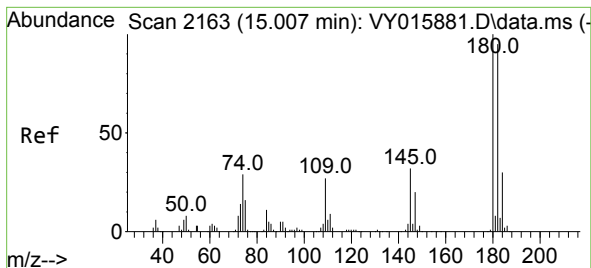
Tgt Ion:146 Resp: 88935
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.0
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.149 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015880.D
Acq: 09 Oct 2023 14:22

Tgt Ion: 75 Resp: 8632
Ion Ratio Lower Upper
75 100
155 92.5 41.5 124.6
157 117.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.477 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

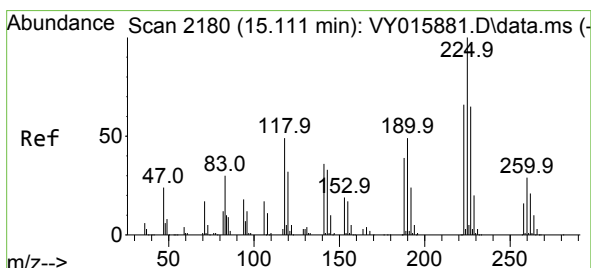
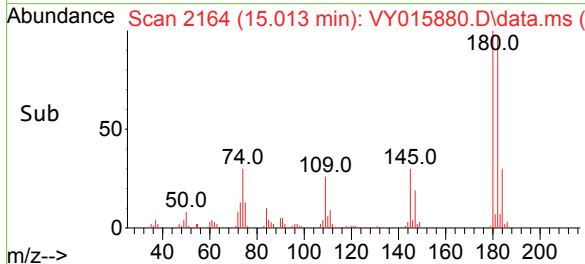
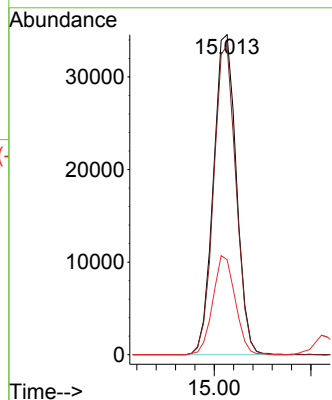
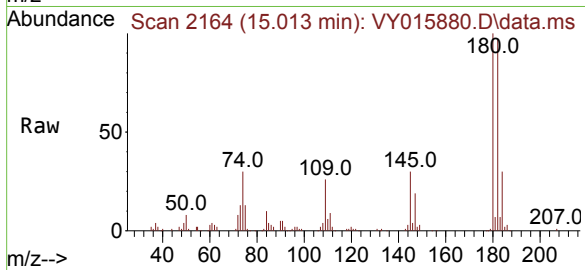
Tgt Ion:180 Resp: 56655

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.989 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

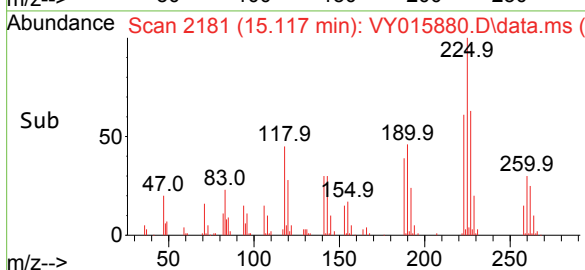
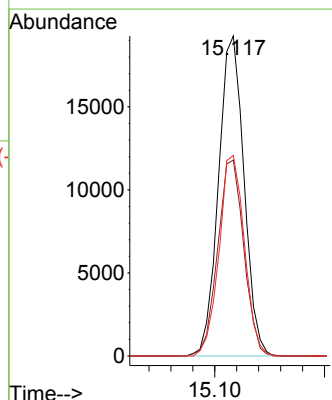
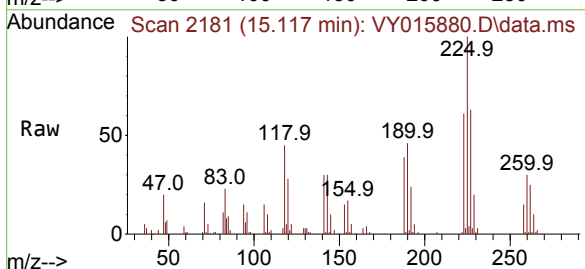
Tgt Ion:225 Resp: 31096

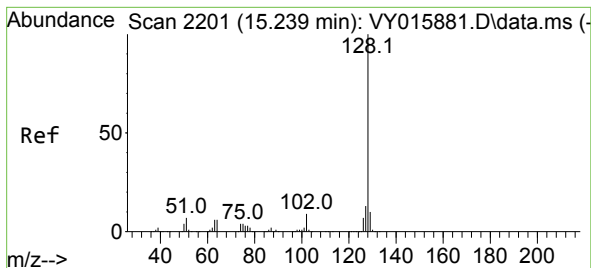
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 20.300 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015880.D

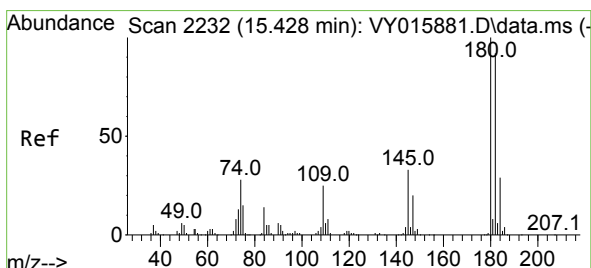
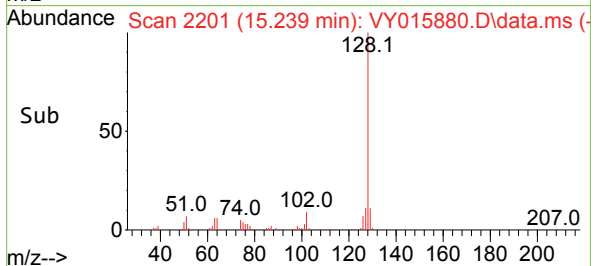
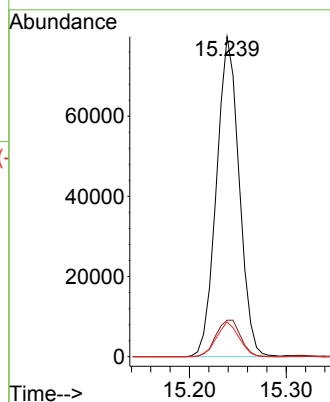
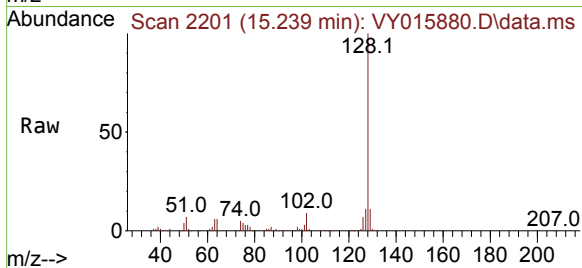
Acq: 09 Oct 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	129930
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.8	16.2
129	10.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.042 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015880.D

Acq: 09 Oct 2023 14:22

Tgt Ion:	180	Resp:	51786
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.3	141.8
145	30.9	15.4	46.2

