

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015650.D
 Acq On : 20 Sep 2023 11:20
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 03:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	155727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76548	44.675	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.716	113	71945	45.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.180%
50) Toluene-d8	10.179	98	230519	42.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.220%
62) 4-Bromofluorobenzene	12.483	95	91045	42.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20043	19.526	ug/l	97
3) Chloromethane	2.107	50	25514	19.702	ug/l	99
4) Vinyl Chloride	2.247	62	28724	19.400	ug/l	97
5) Bromomethane	2.638	94	21168	16.825	ug/l	97
6) Chloroethane	2.784	64	21638	19.716	ug/l	98
7) Trichlorofluoromethane	3.113	101	50219	20.224	ug/l	97
8) Diethyl Ether	3.528	74	21770	20.558	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	31119	20.015	ug/l	95
10) Methyl Iodide	4.088	142	29850	18.165	ug/l	96
11) Tert butyl alcohol	4.948	59	33104	48.922	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	26630	19.438	ug/l	94
13) Acrolein	3.729	56	25333	96.540	ug/l	99
14) Allyl chloride	4.479	41	49427	19.732	ug/l	94
15) Acrylonitrile	5.161	53	82269	105.905	ug/l	98
16) Acetone	3.954	43	100932	110.073	ug/l	95
17) Carbon Disulfide	4.192	76	48559	18.245	ug/l	95
18) Methyl Acetate	4.485	43	63769	20.727	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	113944	20.420	ug/l	98
20) Methylene Chloride	4.710	84	52613	23.649	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	31253	19.958	ug/l	94
22) Diisopropyl ether	6.119	45	123442	20.477	ug/l	96
23) Vinyl Acetate	6.058	43	380905	102.370	ug/l	96
24) 1,1-Dichloroethane	6.015	63	66535	20.249	ug/l	99
25) 2-Butanone	6.990	43	142151	109.678	ug/l	98
26) 2,2-Dichloropropane	6.978	77	58967	19.635	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	41815	20.114	ug/l	98
28) Bromochloromethane	7.332	49	16895	18.952	ug/l	96
29) Tetrahydrofuran	7.356	42	77883	106.317	ug/l	96
30) Chloroform	7.509	83	72227	20.526	ug/l	95
31) Cyclohexane	7.783	56	46592	19.629	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	58900	20.276	ug/l	98
36) 1,1-Dichloropropene	7.917	75	46582	19.744	ug/l	99
37) Ethyl Acetate	7.076	43	48873	20.768	ug/l	96
38) Carbon Tetrachloride	7.899	117	51492	20.107	ug/l	98
39) Methylcyclohexane	9.179	83	50052	19.181	ug/l	94
40) Benzene	8.161	78	143474	19.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	66607	52.566	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	48936	19.860	ug/l	94
43) Isopropyl Acetate	8.271	43	82434	20.507	ug/l	98
44) Trichloroethene	8.941	130	40470	20.139	ug/l	99
45) 1,2-Dichloropropane	9.216	63	40184	20.028	ug/l	95
46) Dibromomethane	9.307	93	25877	20.162	ug/l	95
47) Bromodichloromethane	9.496	83	57400	20.065	ug/l	95
48) Methyl methacrylate	9.295	41	35873	20.331	ug/l	92
49) 1,4-Dioxane	9.307	88	11488	453.081	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	262056	105.177	ug/l	95
52) Toluene	10.246	92	93164	20.085	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	61252	19.966	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	65640	19.878	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	39116	20.797	ug/l	94
56) Ethyl methacrylate	10.508	69	56226	20.285	ug/l #	88
57) 1,3-Dichloropropane	10.789	76	63485	20.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	92669	105.254	ug/l	96
59) 2-Hexanone	10.831	43	206628	108.094	ug/l	92
60) Dibromochloromethane	10.984	129	44433	20.238	ug/l	100
61) 1,2-Dibromoethane	11.087	107	37778	20.531	ug/l	98
64) Tetrachloroethene	10.721	164	43128	20.767	ug/l	98
65) Chlorobenzene	11.514	112	106038	20.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42228	20.576	ug/l	98
67) Ethyl Benzene	11.593	91	184477	19.976	ug/l	99
68) m/p-Xylenes	11.703	106	143296	40.824	ug/l	95
69) o-Xylene	12.032	106	70158	20.384	ug/l	97
70) Styrene	12.044	104	120888	20.519	ug/l	96
71) Bromoform	12.209	173	30842	20.738	ug/l #	100
73) Isopropylbenzene	12.331	105	186566	20.460	ug/l	100
74) N-amyl acetate	12.142	43	71140	20.758	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	52560	20.711	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	69213	35.692	ug/l #	100
77) Bromobenzene	12.611	156	45740	20.435	ug/l	94
78) n-propylbenzene	12.672	91	226477	20.444	ug/l	100
79) 2-Chlorotoluene	12.758	91	128760	20.391	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	156016	20.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18060	20.973	ug/l	93
82) 4-Chlorotoluene	12.855	91	135616	20.573	ug/l	99
83) tert-Butylbenzene	13.075	119	137335	20.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	153902	20.149	ug/l	97
85) sec-Butylbenzene	13.251	105	206228	20.611	ug/l	99
86) p-Isopropyltoluene	13.367	119	169771	20.313	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	91657	20.641	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	92356	20.796	ug/l	98
89) n-Butylbenzene	13.697	91	163117	20.610	ug/l	98
90) Hexachloroethane	13.959	117	32854	20.368	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	84617	20.643	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10718	21.265	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	53358	20.677	ug/l	98
94) Hexachlorobutadiene	15.111	225	27663	20.933	ug/l	96
95) Naphthalene	15.233	128	139429	20.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49377	20.731	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

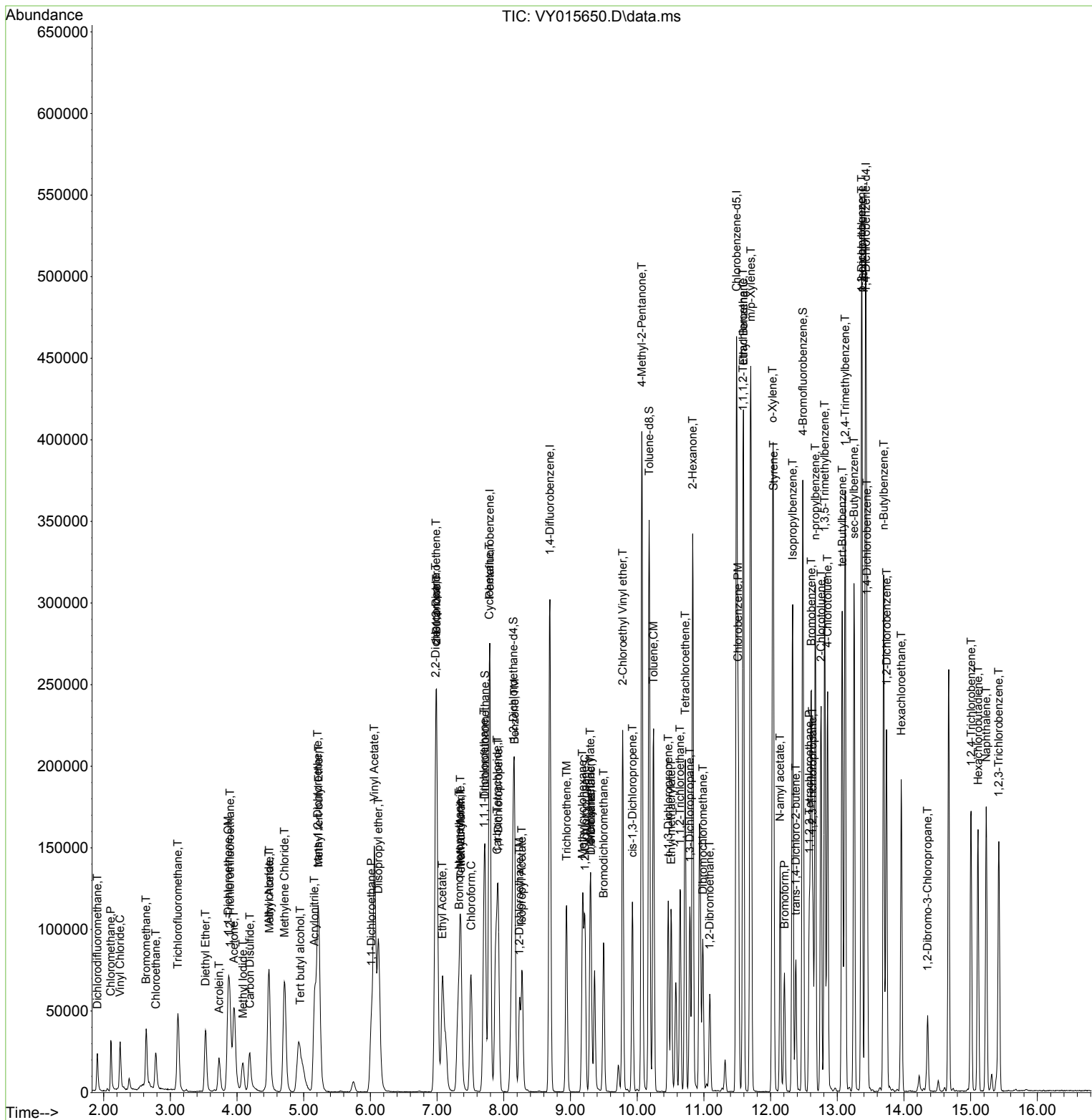
Instrument :
MSVOA_Y
ClientSampleId :

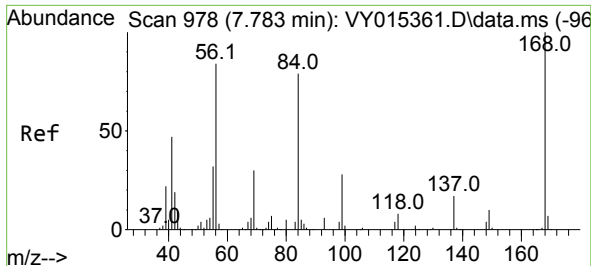
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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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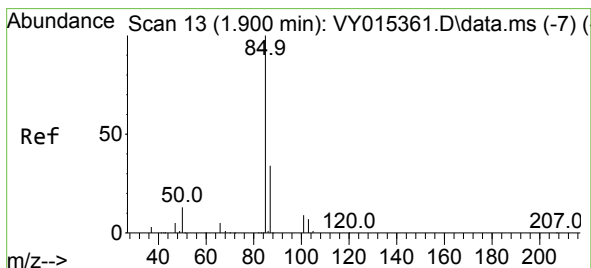
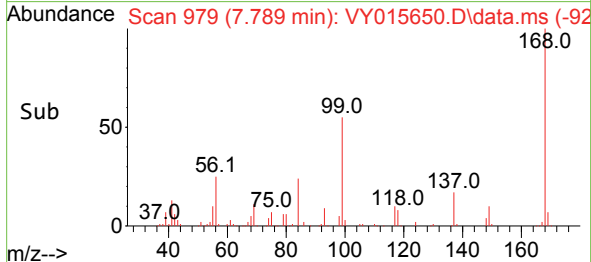
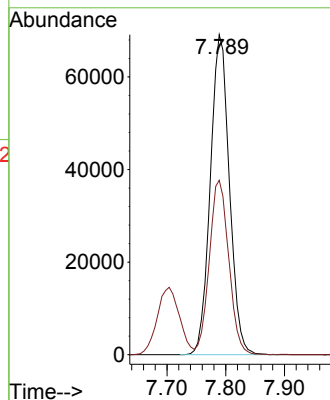
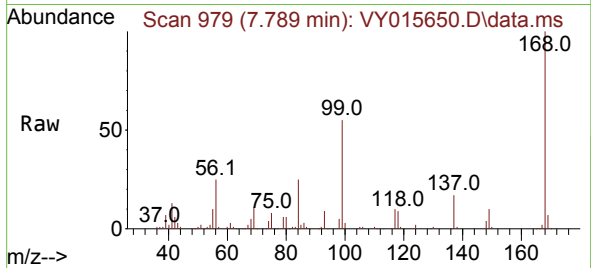




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015650.D
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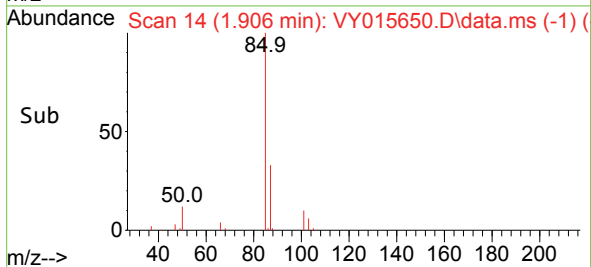
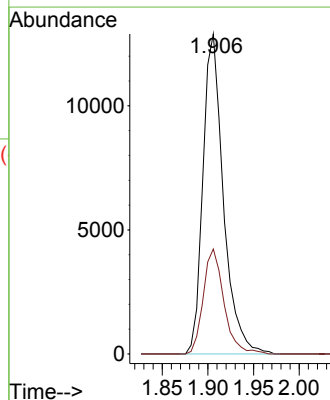
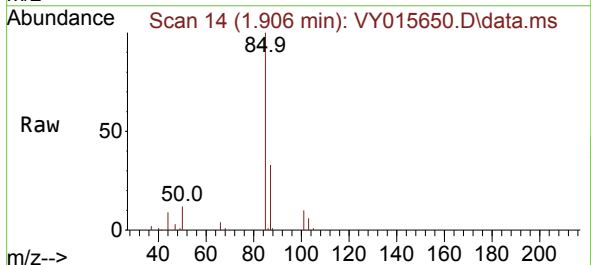
Instrument :
MSVOA_Y
ClientSampleId :

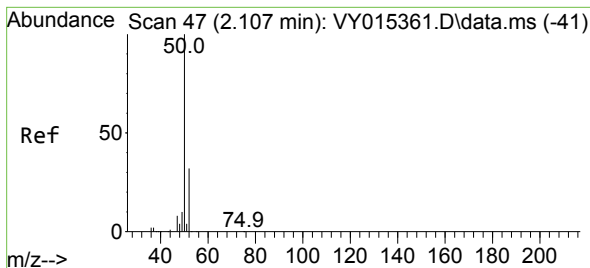
Tgt Ion:168 Resp: 155727
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.526 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 85 Resp: 20043
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3

Chloromethane

Concen: 19.702 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

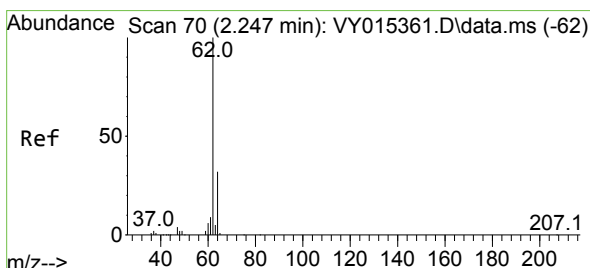
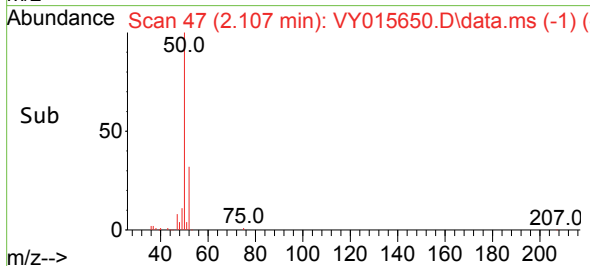
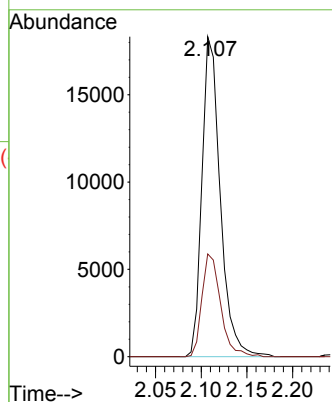
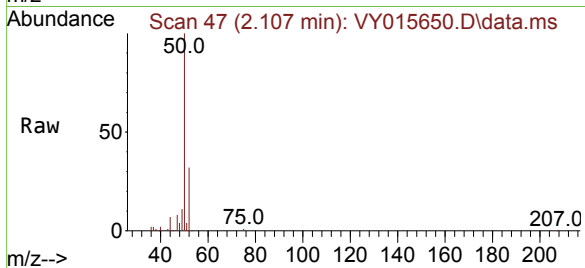
ClientSampleId :

Tgt Ion: 50 Resp: 25514

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 19.400 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015650.D

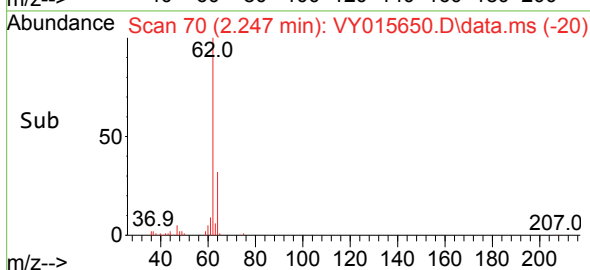
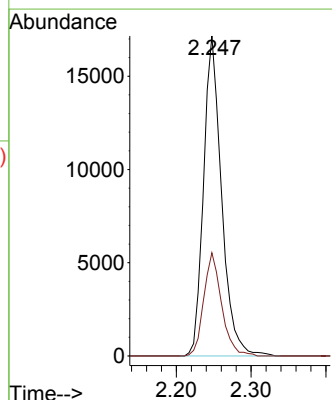
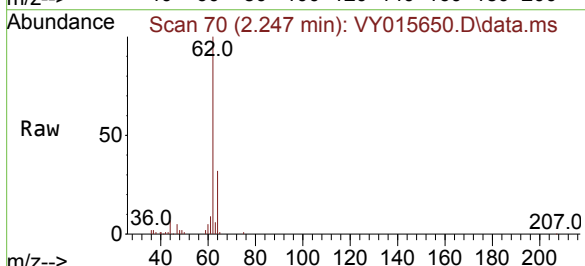
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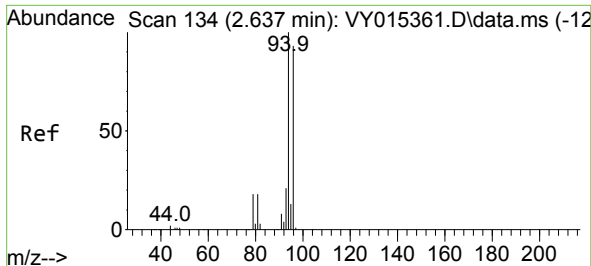
Tgt Ion: 62 Resp: 28724

Ion Ratio Lower Upper

62 100

64 32.2 24.3 36.5

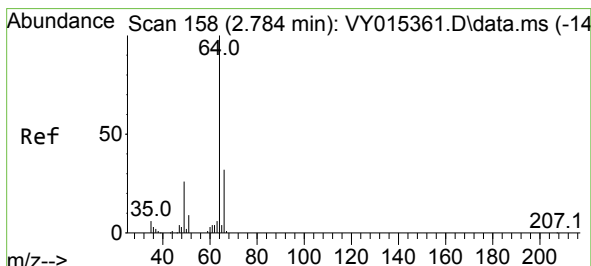
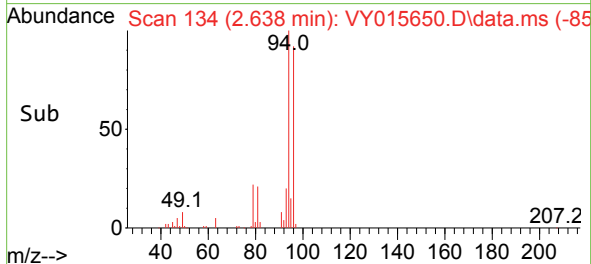
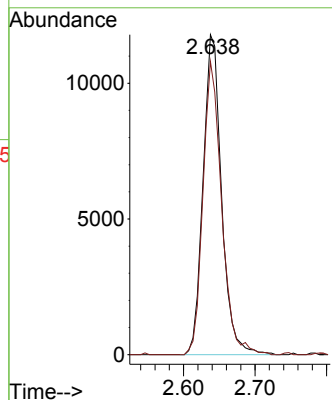
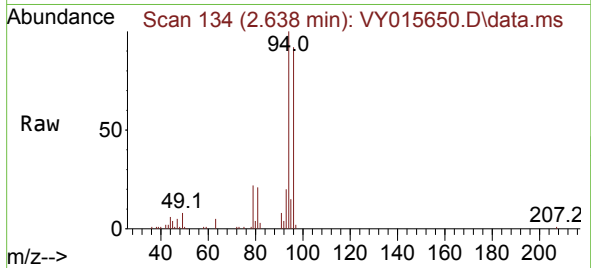




#5
Bromomethane
Concen: 16.825 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

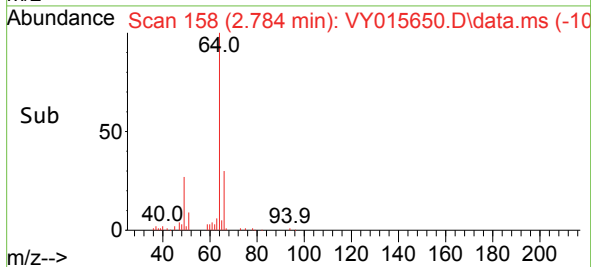
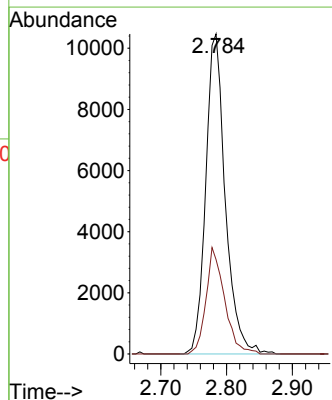
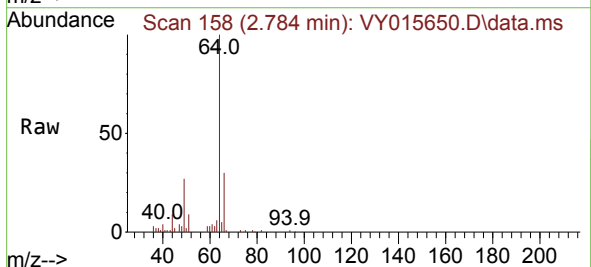
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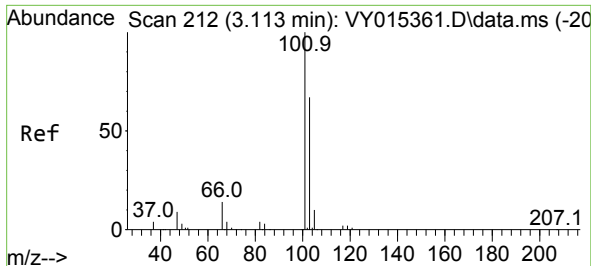
Tgt Ion: 94 Resp: 21168
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 19.716 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

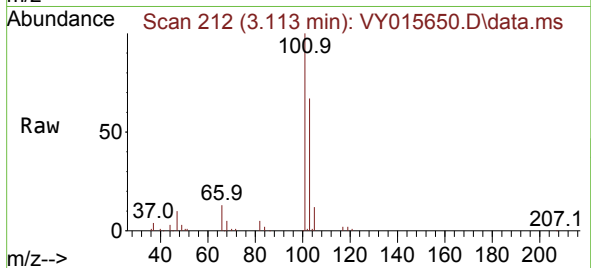
Tgt Ion: 64 Resp: 21638
Ion Ratio Lower Upper
64 100
66 29.5 24.4 36.6



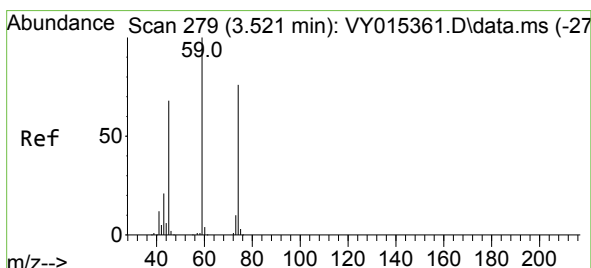
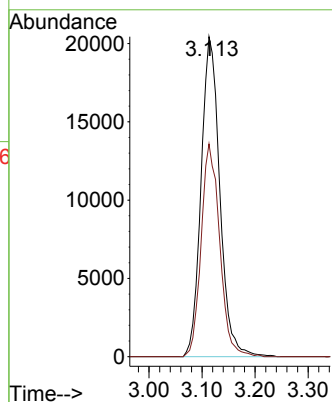
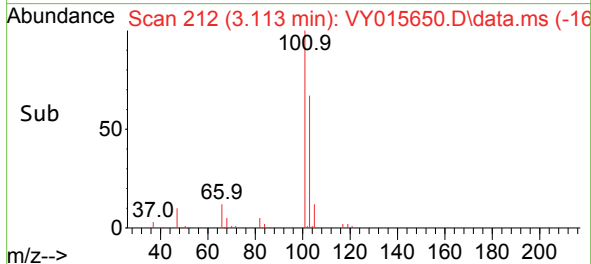


#7
 Trichlorofluoromethane
 Concen: 20.224 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

Instrument :
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 ClientSampleId :

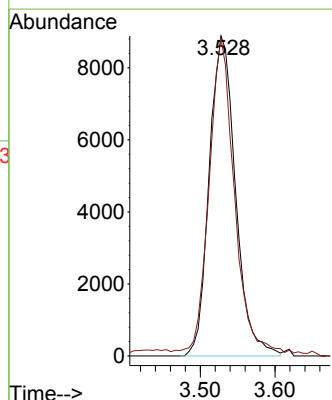
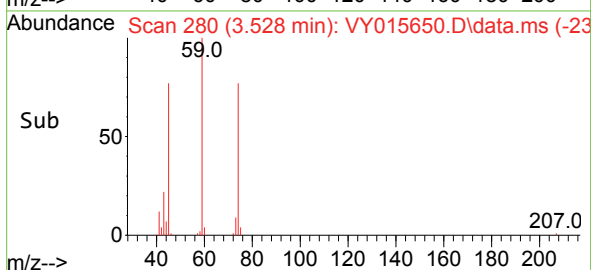
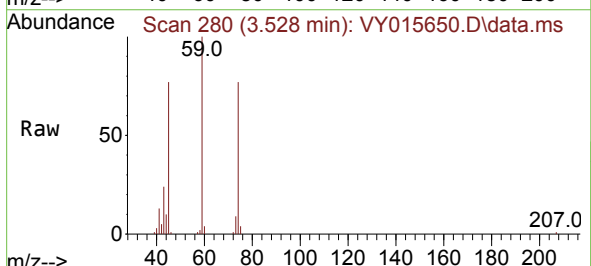


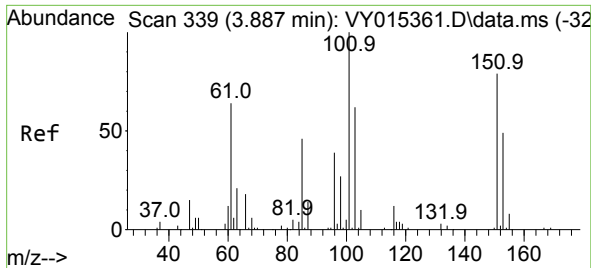
Tgt Ion:101 Resp: 50219
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.558 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

Tgt Ion: 74 Resp: 21770
 Ion Ratio Lower Upper
 74 100
 45 94.0 51.5 154.5

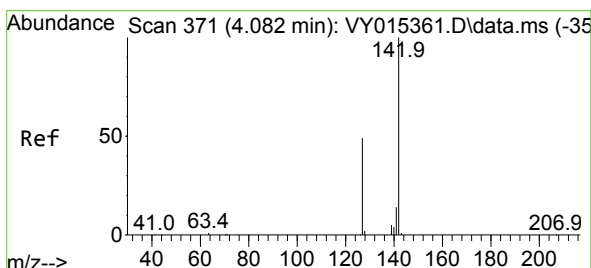
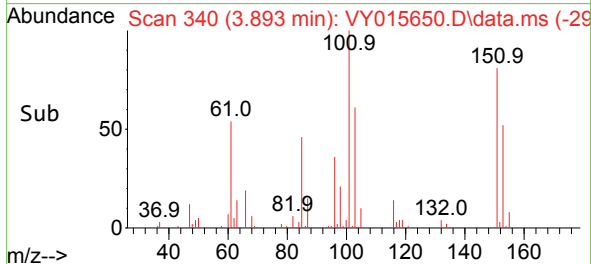
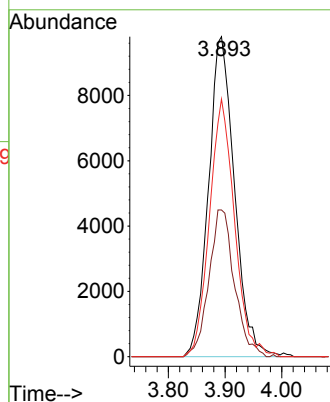
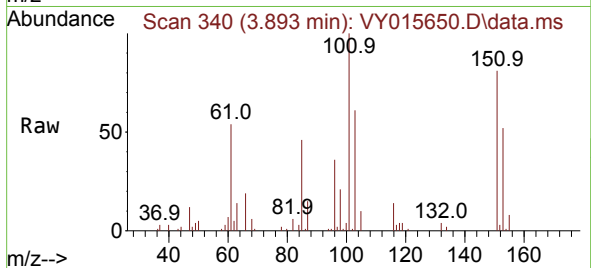




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.015 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

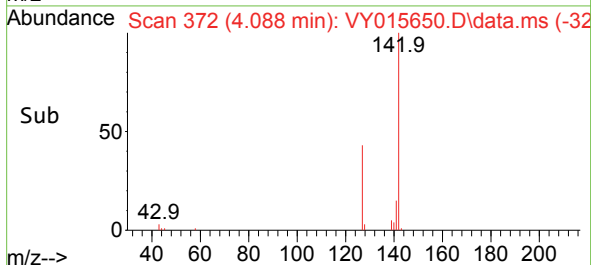
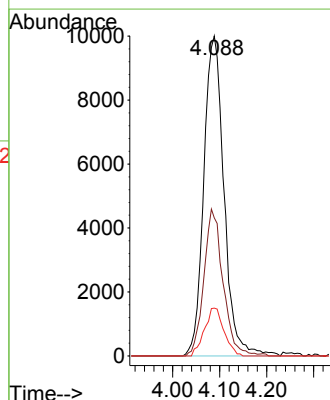
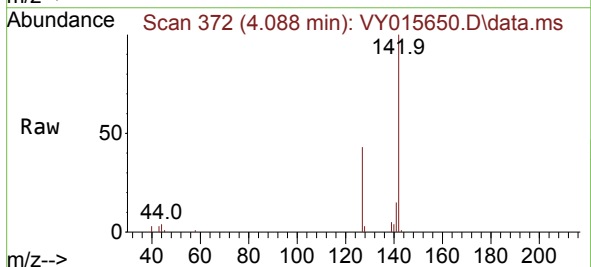
Instrument :
MSVOA_Y
ClientSampleId :

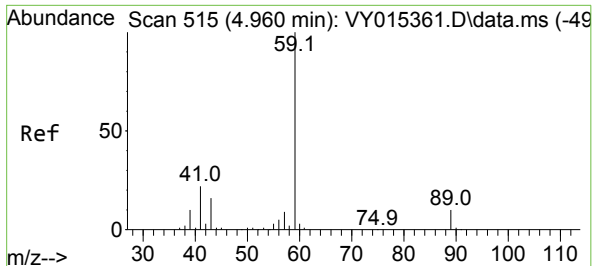
Tgt Ion:101 Resp: 31119
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 18.165 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:142 Resp: 29850
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 14.4 11.8 17.8

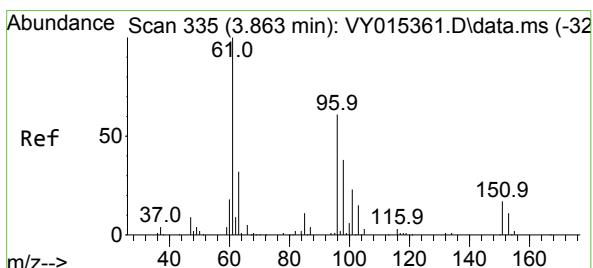
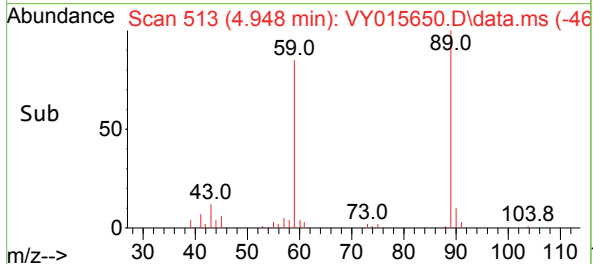
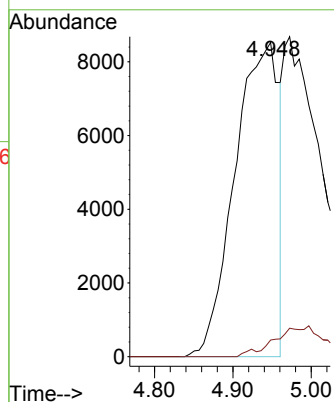
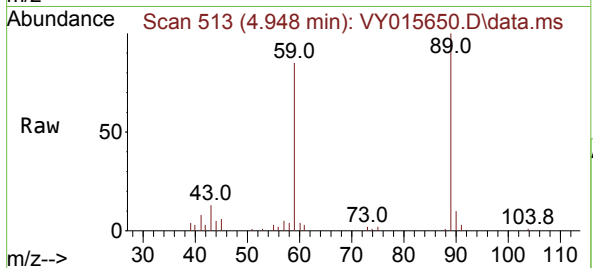




#11
Tert butyl alcohol
Concen: 48.922 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

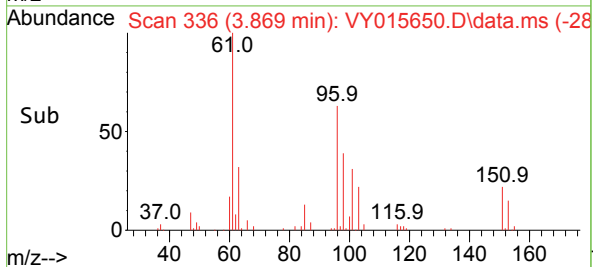
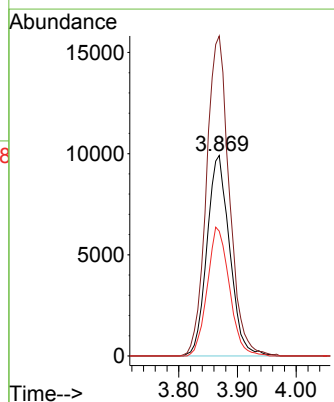
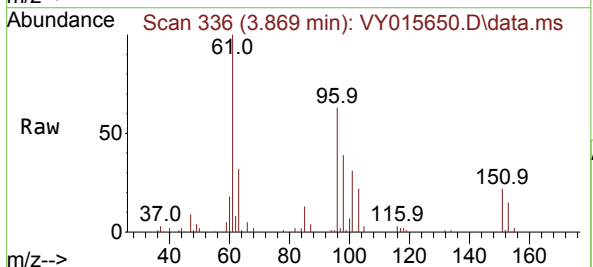
Instrument :
MSVOA_Y
ClientSampleId :

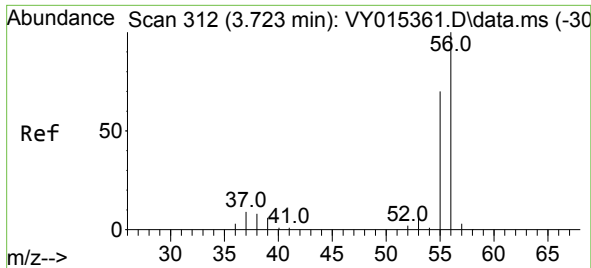
Tgt Ion: 59 Resp: 33104
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.438 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 96 Resp: 26630
Ion Ratio Lower Upper
96 100
61 159.7 136.4 204.6
98 62.2 49.4 74.2

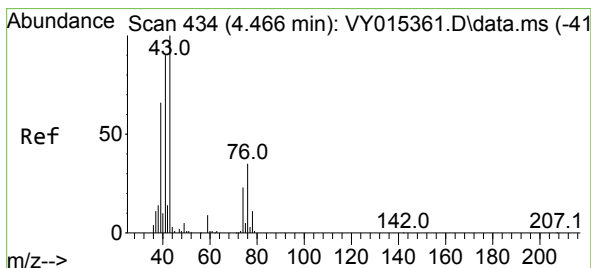
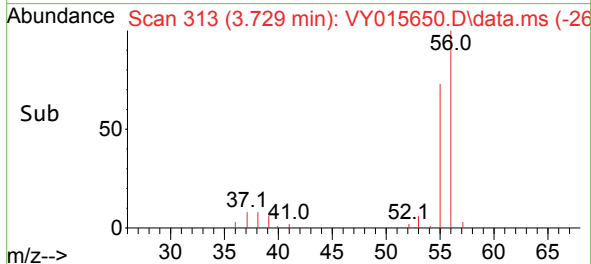
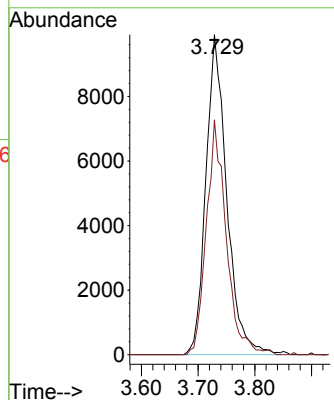
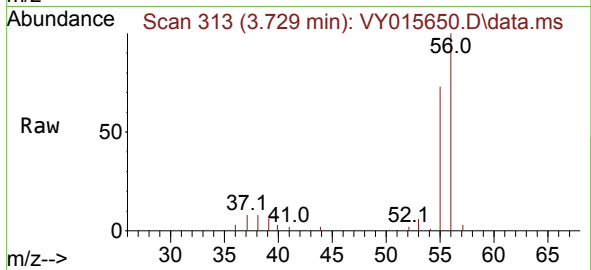




#13
Acrolein
Concen: 96.540 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

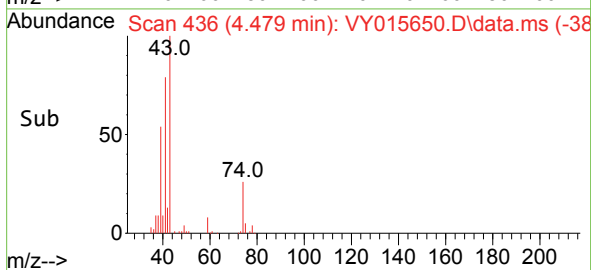
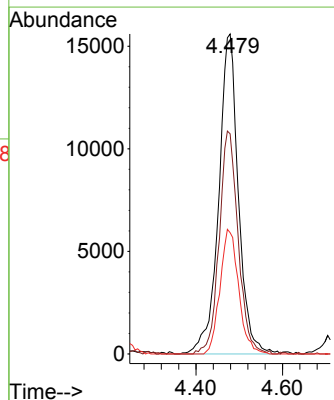
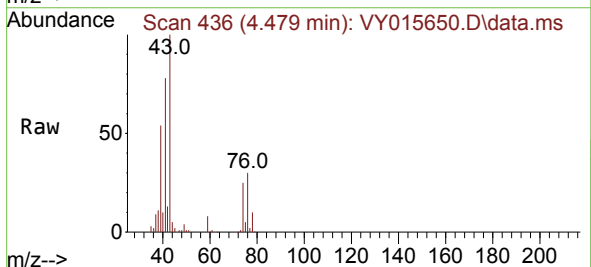
Instrument :
MSVOA_Y
ClientSampleId :

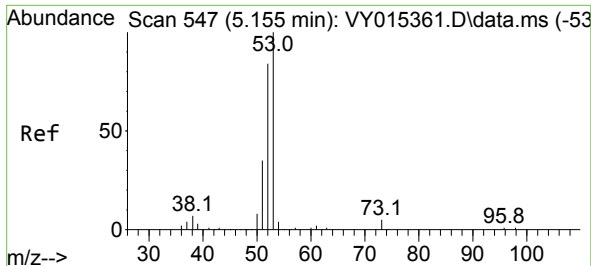
Tgt Ion: 56 Resp: 25333
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 19.732 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

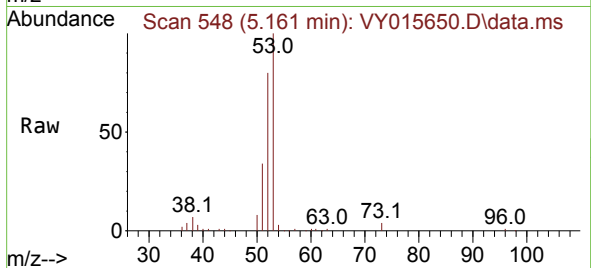
Tgt Ion: 41 Resp: 49427
Ion Ratio Lower Upper
41 100
39 67.0 58.0 87.0
76 36.9 27.4 41.2



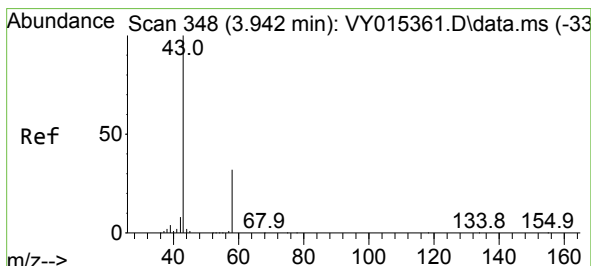
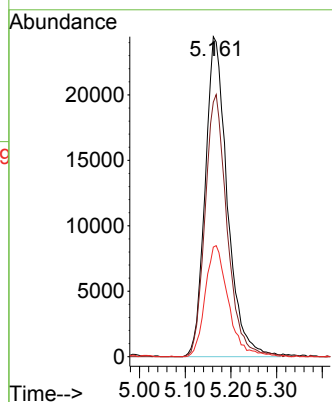
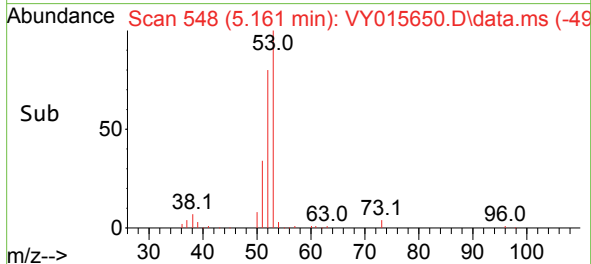


#15
Acrylonitrile
Concen: 105.905 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :

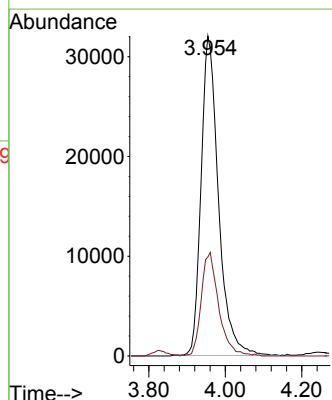
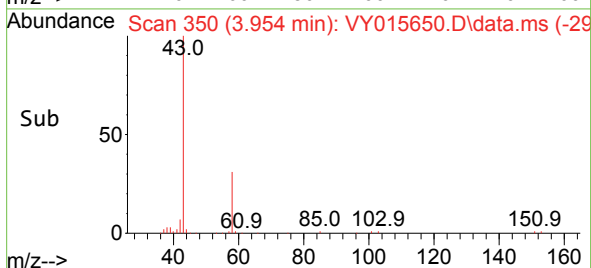
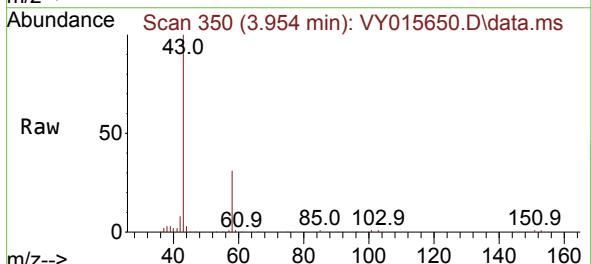


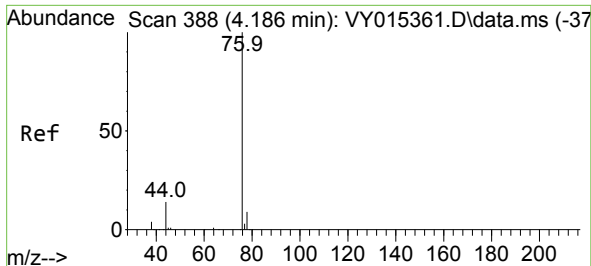
Tgt Ion: 53 Resp: 82269
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 110.073 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 43 Resp: 100932
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#17

Carbon Disulfide

Concen: 18.245 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

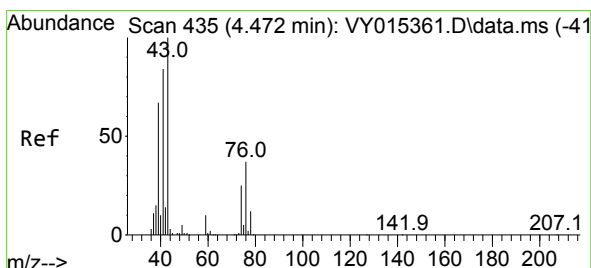
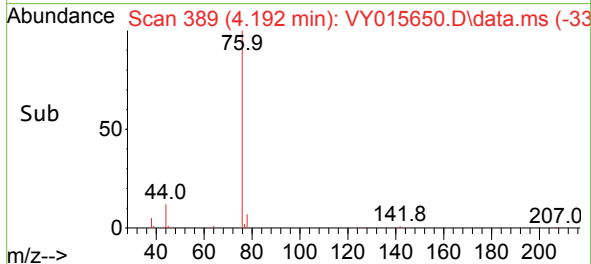
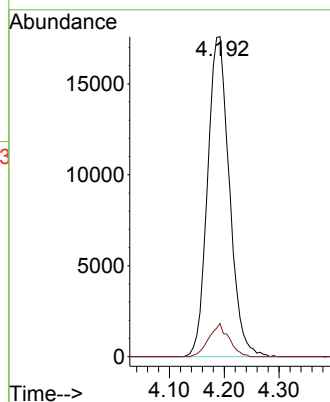
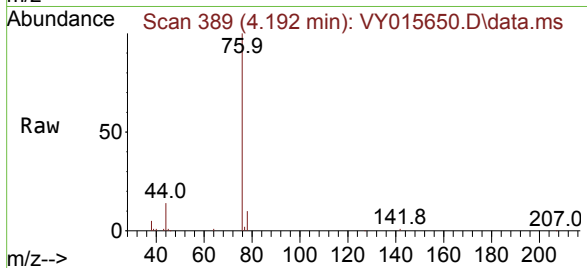
ClientSampleId :

Tgt Ion: 76 Resp: 48559

Ion Ratio Lower Upper

76 100

78 10.4 7.0 10.4



#18

Methyl Acetate

Concen: 20.727 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015650.D

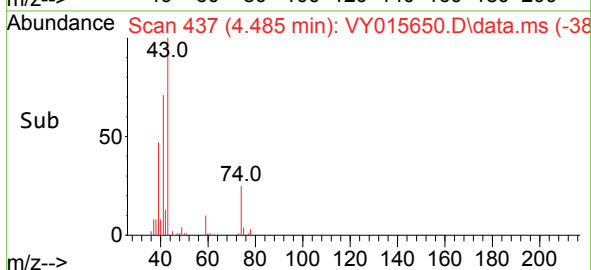
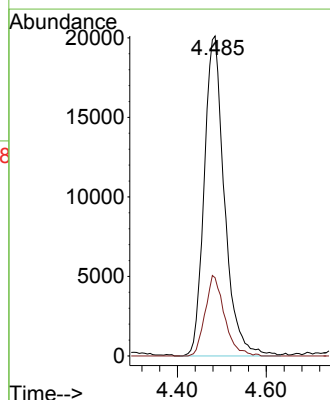
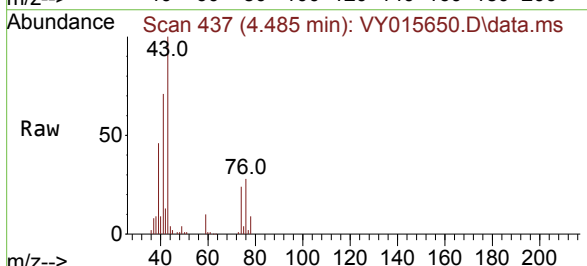
Acq: 20 Sep 2023 11:20

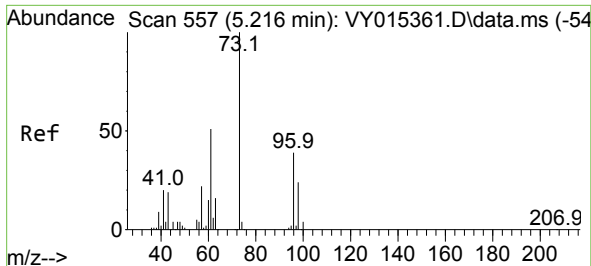
Tgt Ion: 43 Resp: 63769

Ion Ratio Lower Upper

43 100

74 24.1 17.4 26.0

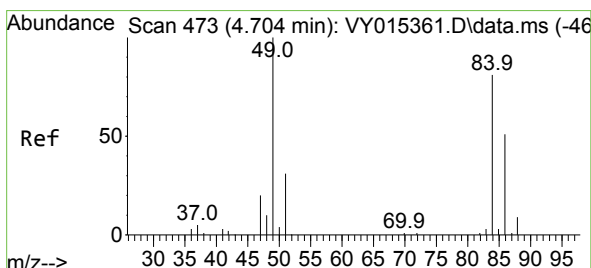
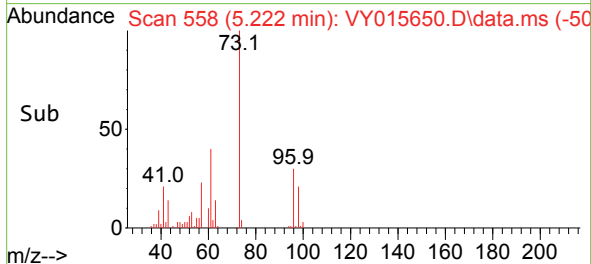
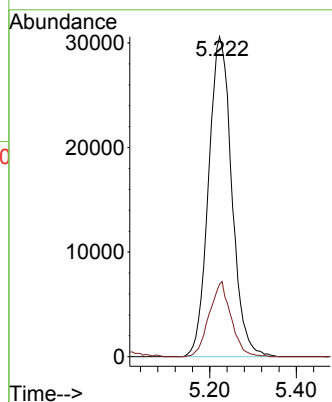
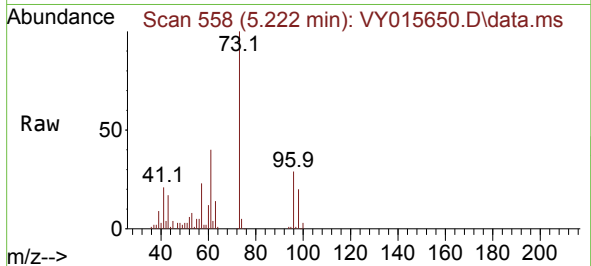




#19
Methyl tert-butyl Ether
Concen: 20.420 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

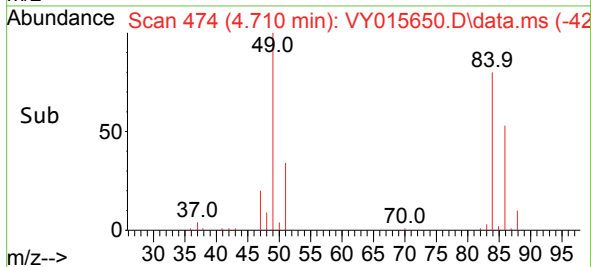
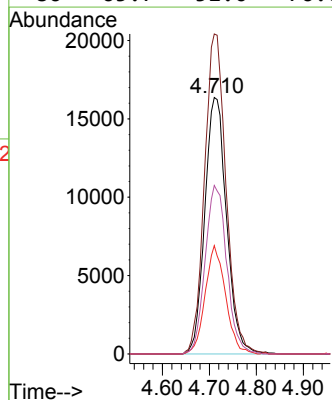
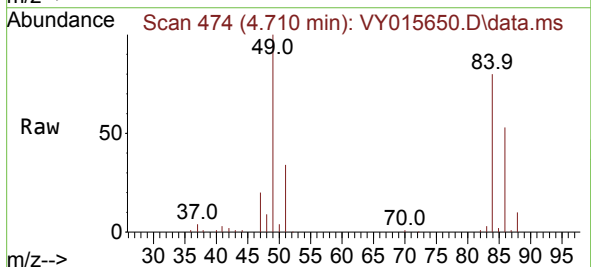
Instrument :
MSVOA_Y
ClientSampleId :

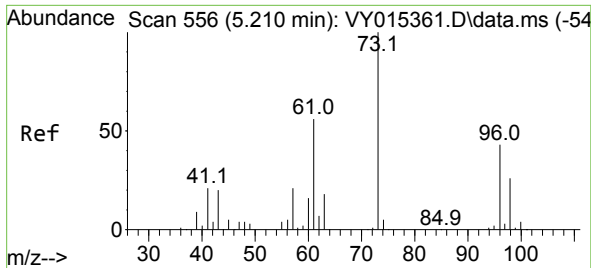
Tgt Ion: 73 Resp: 113944
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 23.649 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 84 Resp: 52613
Ion Ratio Lower Upper
84 100
49 124.8 106.9 160.3
51 42.3 33.2 49.8
86 65.7 51.0 76.6

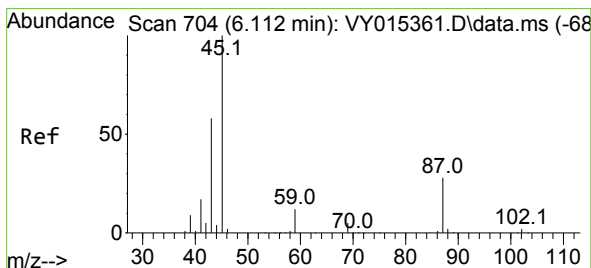
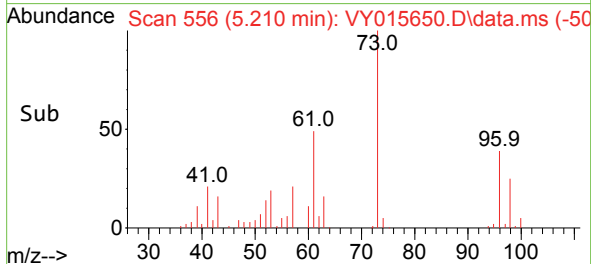
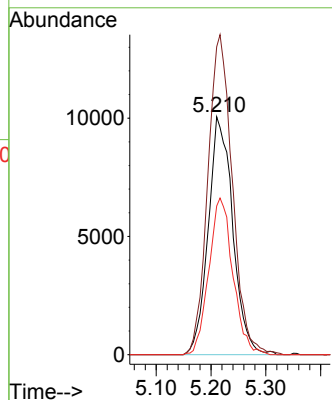
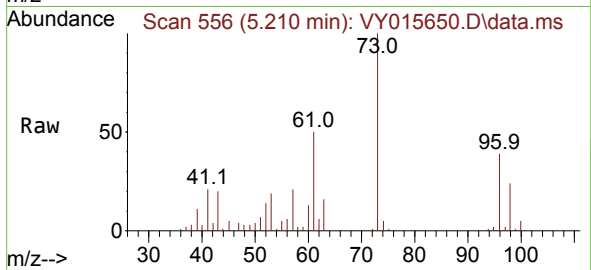




#21
trans-1,2-Dichloroethene
Concen: 19.958 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

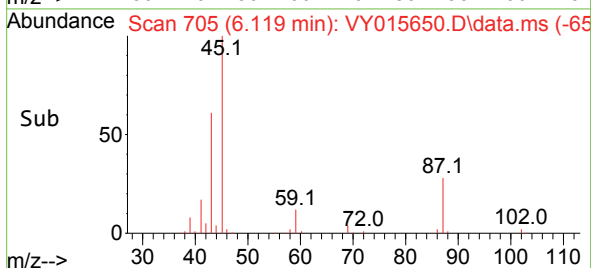
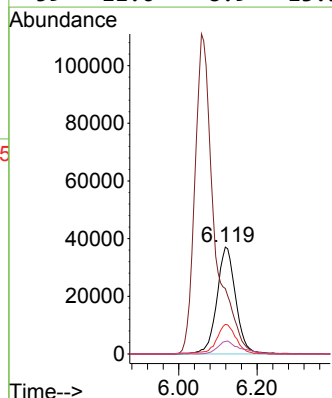
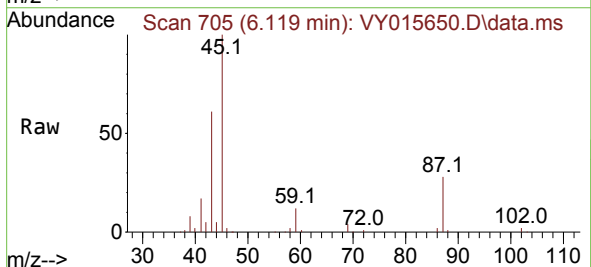
Instrument :
MSVOA_Y
ClientSampleId :

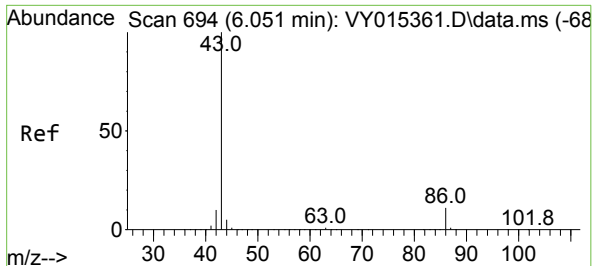
Tgt Ion: 96 Resp: 31253
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 62.5 51.8 77.6



#22
Diisopropyl ether
Concen: 20.477 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 45 Resp: 123442
Ion Ratio Lower Upper
45 100
43 60.8 52.2 78.4
87 27.7 21.0 31.6
59 11.6 8.9 13.3

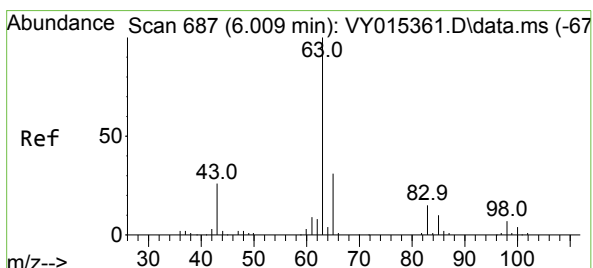
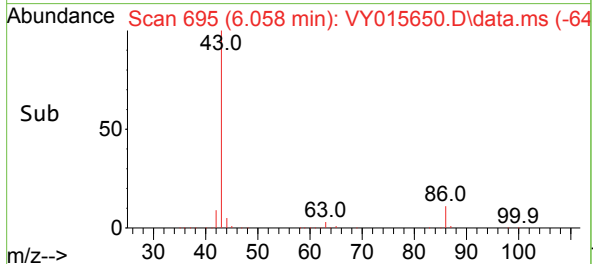
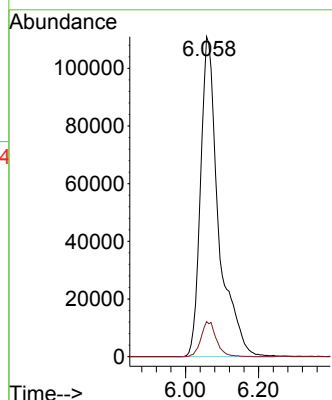
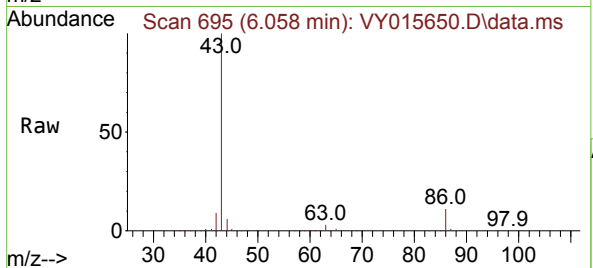




#23
 Vinyl Acetate
 Concen: 102.370 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

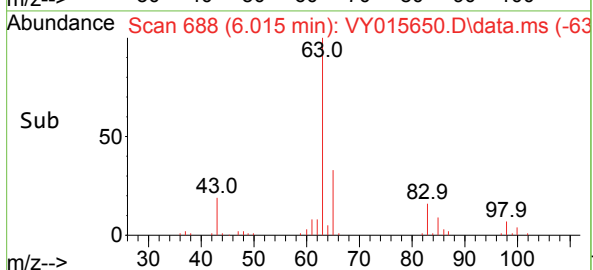
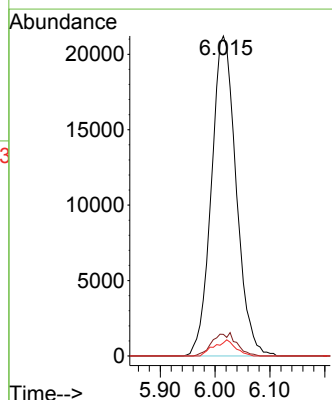
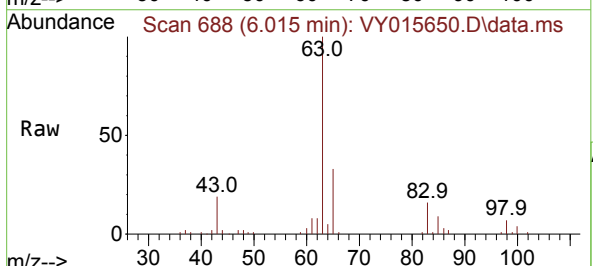
Instrument :
 MSVOA_Y
 ClientSampleId :

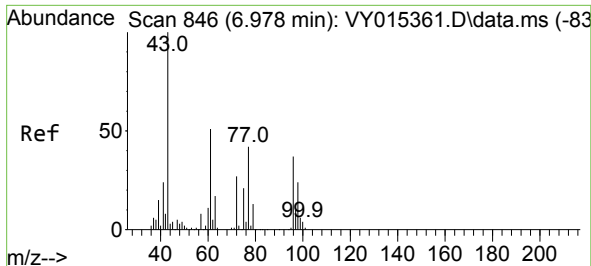
Tgt Ion: 43 Resp: 380905
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.249 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

Tgt Ion: 63 Resp: 66535
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.1 1.8 5.5

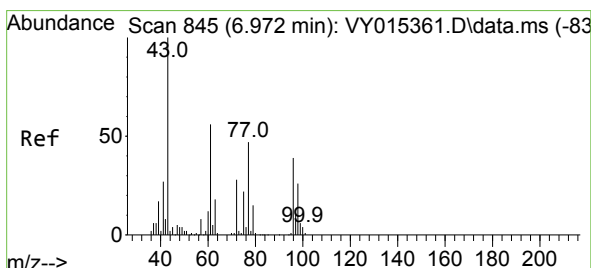
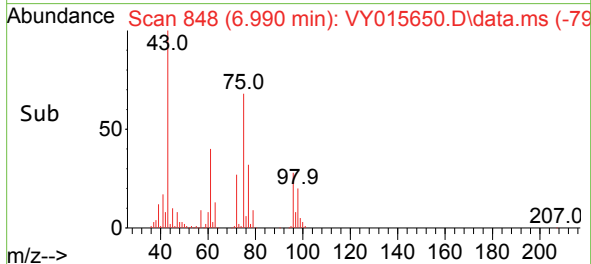
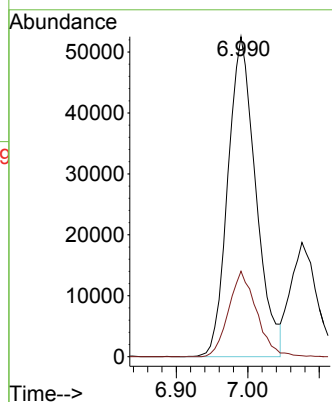
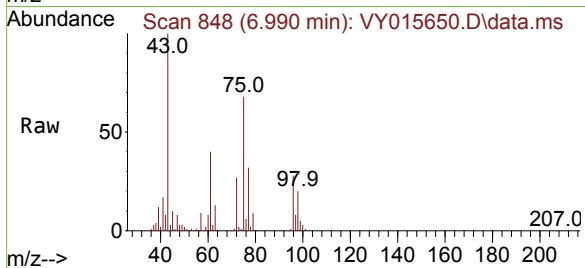




#25
2-Butanone
Concen: 109.678 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

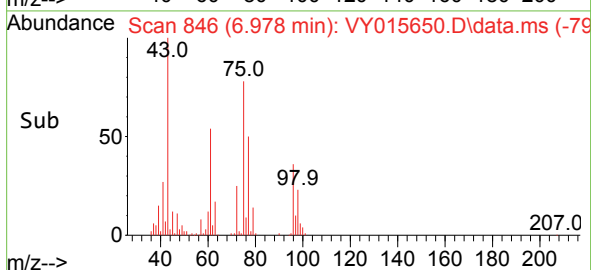
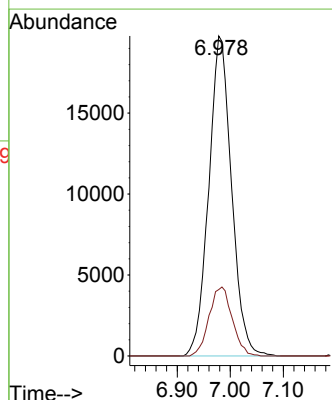
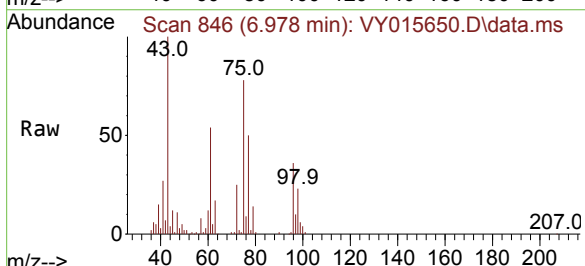
Instrument :
MSVOA_Y
ClientSampleId :

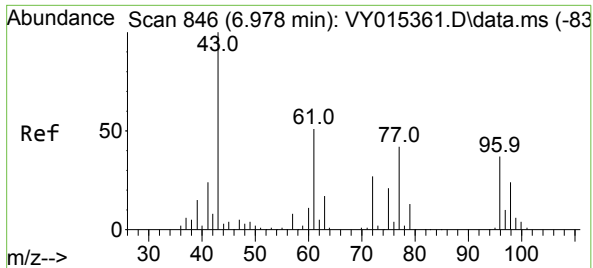
Tgt Ion: 43 Resp: 142151
Ion Ratio Lower Upper
43 100
72 26.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.635 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 77 Resp: 58967
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.114 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

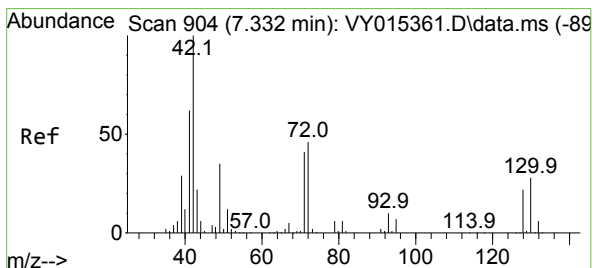
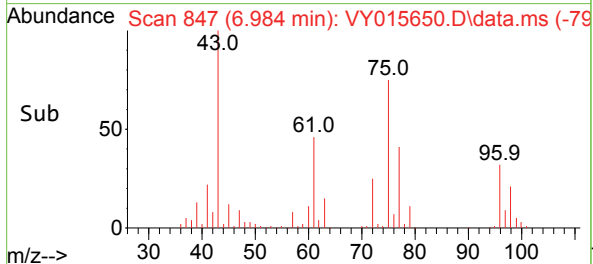
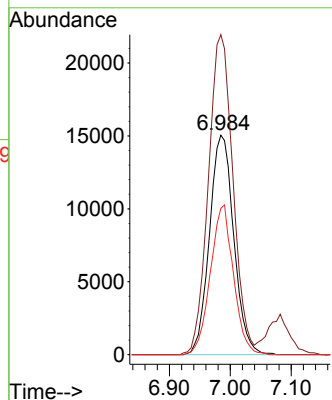
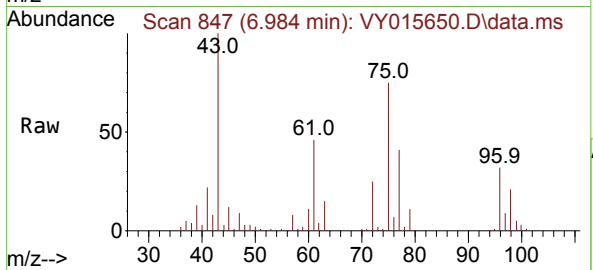
Tgt Ion: 96 Resp: 41815

Ion Ratio Lower Upper

96 100

61 146.9 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 18.952 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

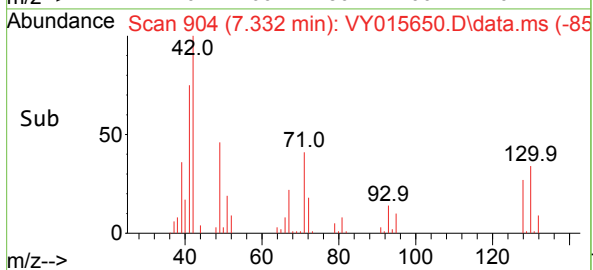
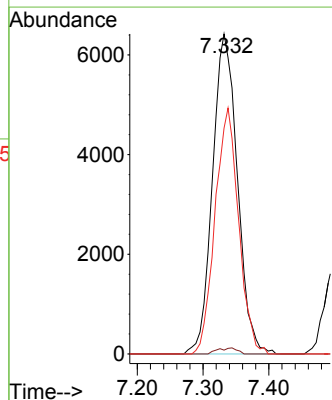
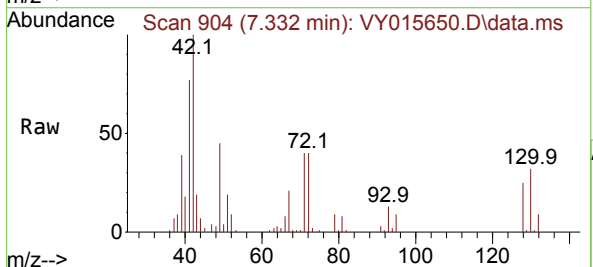
Tgt Ion: 49 Resp: 16895

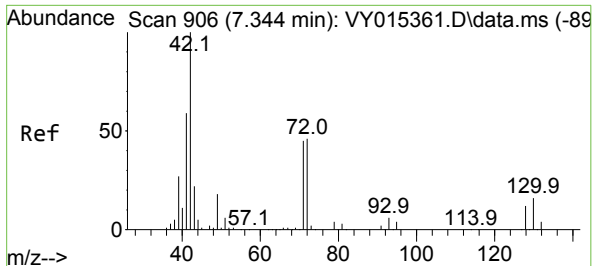
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.6

130 72.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 106.317 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

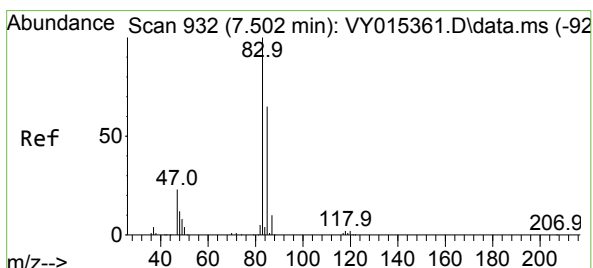
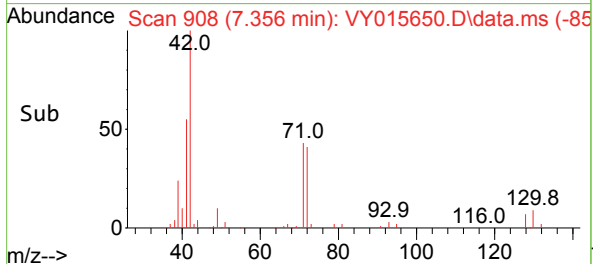
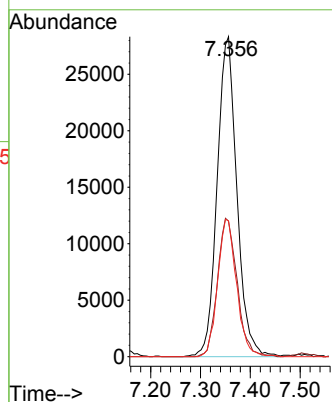
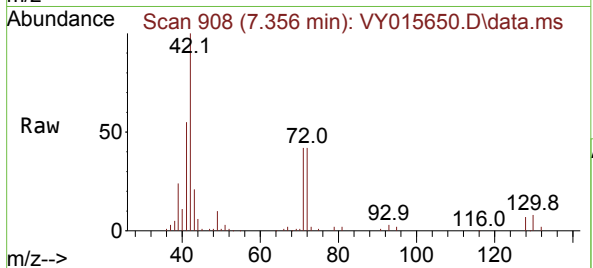
Tgt Ion: 42 Resp: 77883

Ion Ratio Lower Upper

42 100

72 43.2 32.8 49.2

71 41.2 31.0 46.4



#30

Chloroform

Concen: 20.526 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.013 min

Lab File: VY015650.D

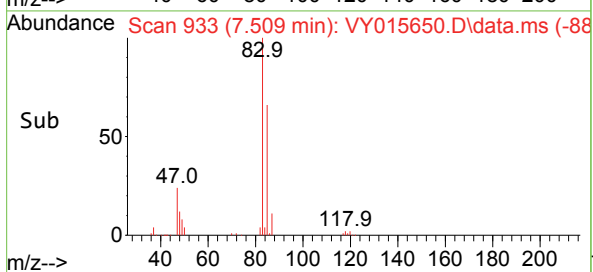
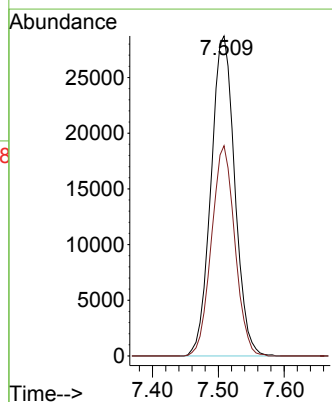
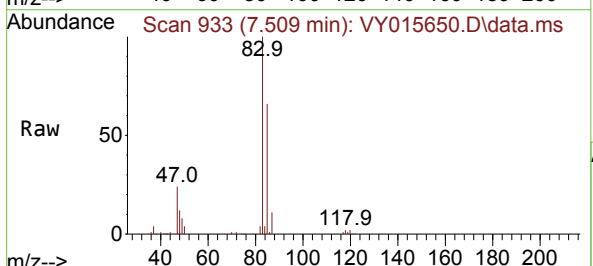
Acq: 20 Sep 2023 11:20

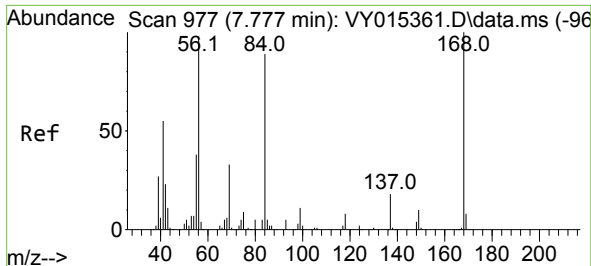
Tgt Ion: 83 Resp: 72227

Ion Ratio Lower Upper

83 100

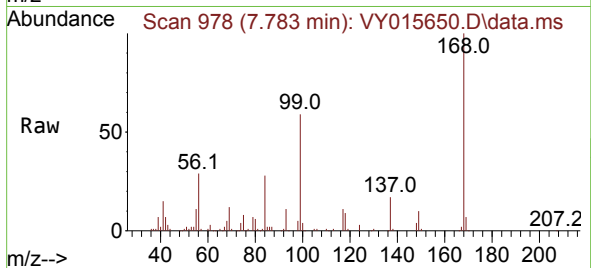
85 65.7 49.7 74.5



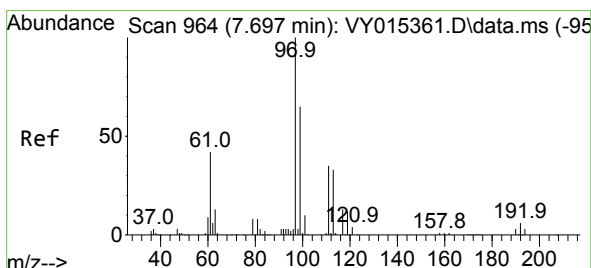
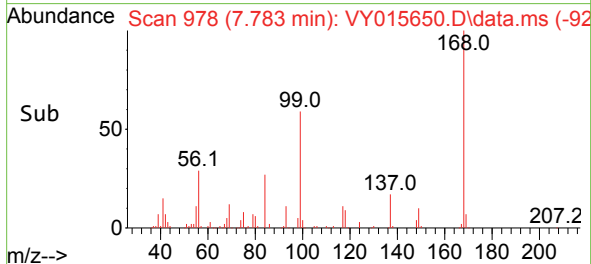
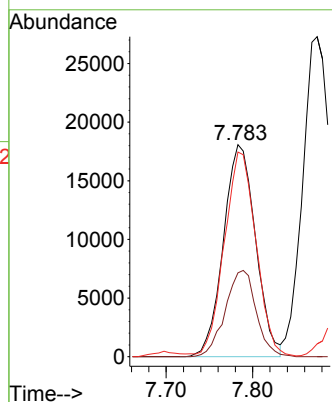


#31
Cyclohexane
Concen: 19.629 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :

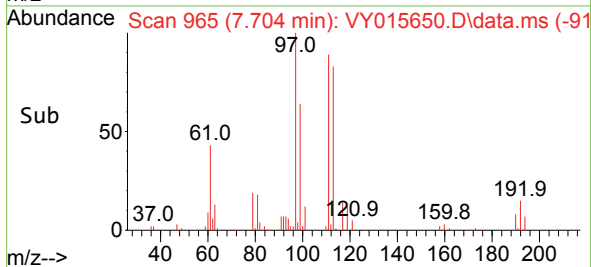
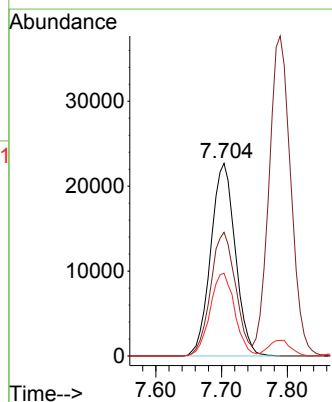
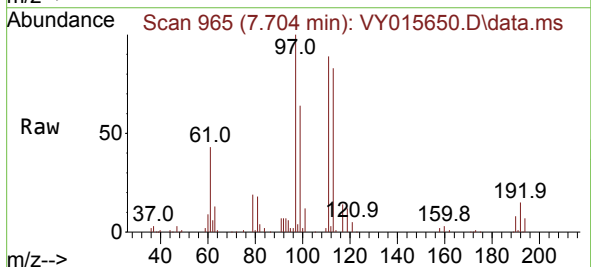


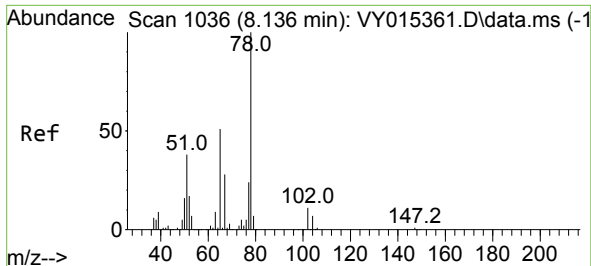
Tgt Ion: 56 Resp: 46592
Ion Ratio Lower Upper
56 100
69 39.5 27.8 41.6
84 95.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.276 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 97 Resp: 58900
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.675 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

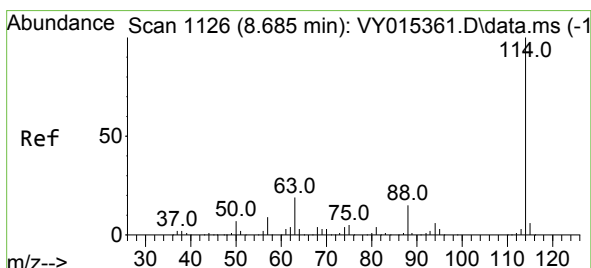
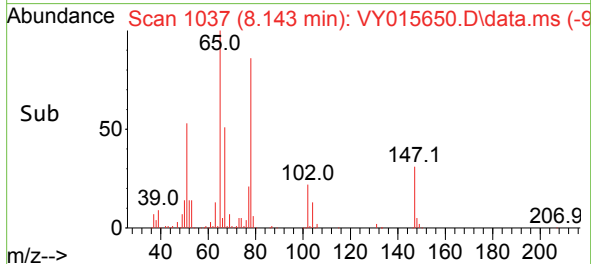
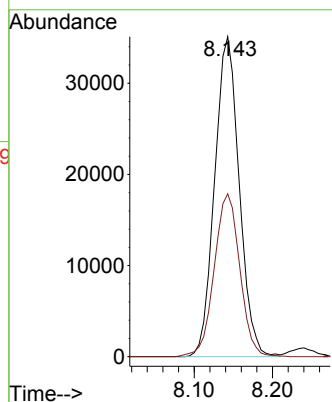
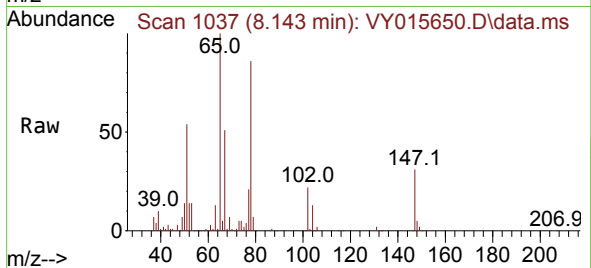
ClientSampleId :

Tgt Ion: 65 Resp: 76548

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

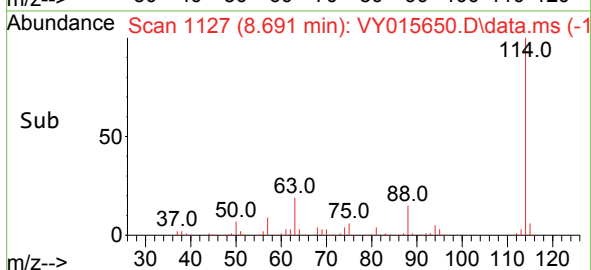
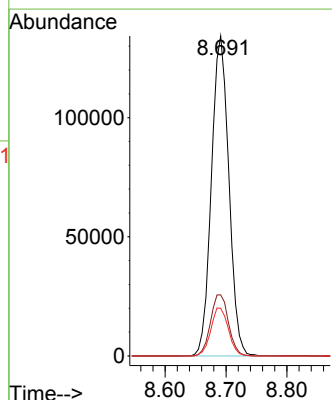
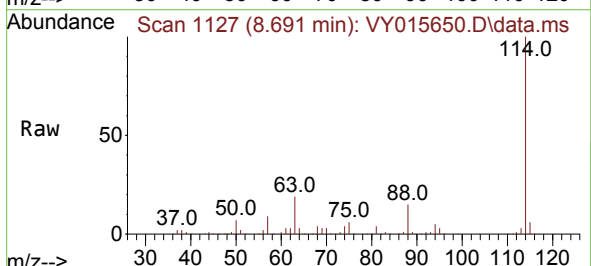
Tgt Ion: 114 Resp: 266591

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

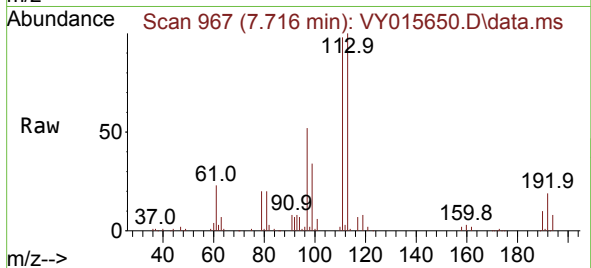
88 14.9 0.0 30.6



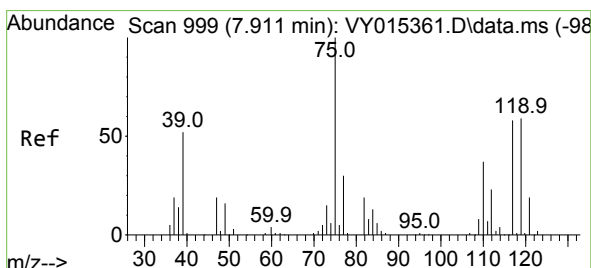
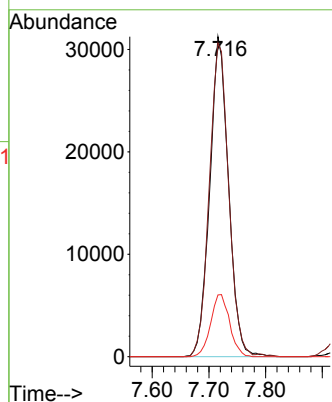
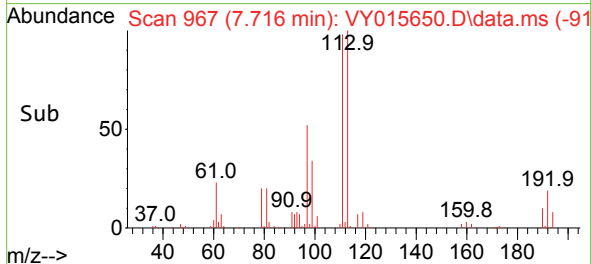


#35
Dibromofluoromethane
Concen: 45.089 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :

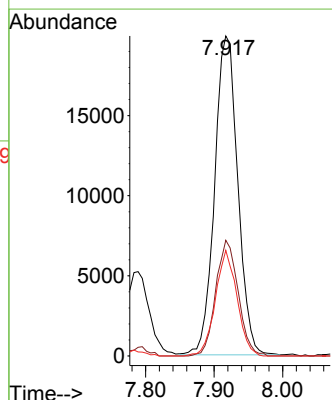
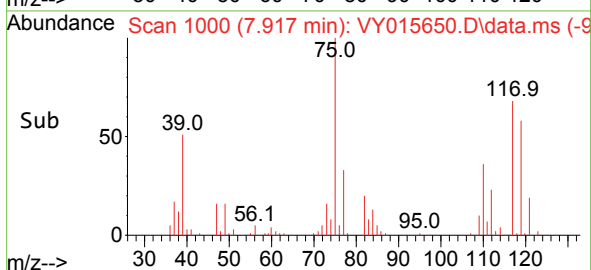
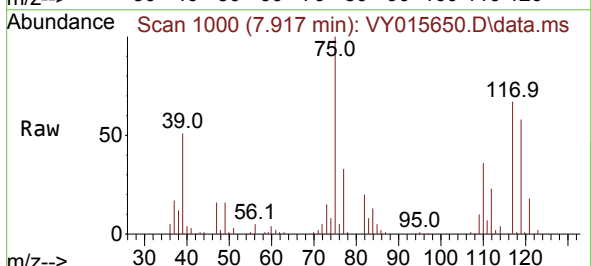


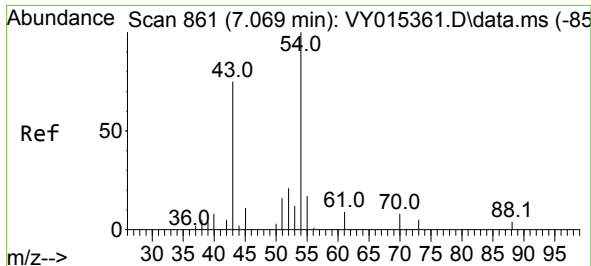
Tgt Ion:113 Resp: 71945
Ion Ratio Lower Upper
113 100
111 100.7 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.744 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

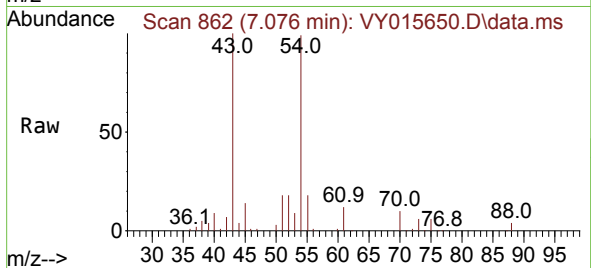
Tgt Ion: 75 Resp: 46582
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 31.0 24.4 36.6



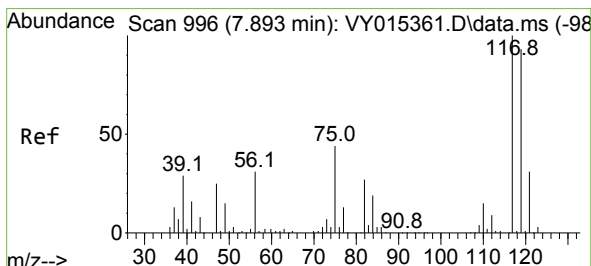
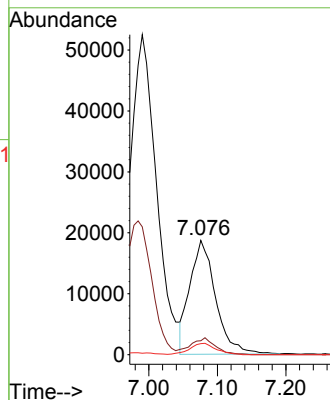
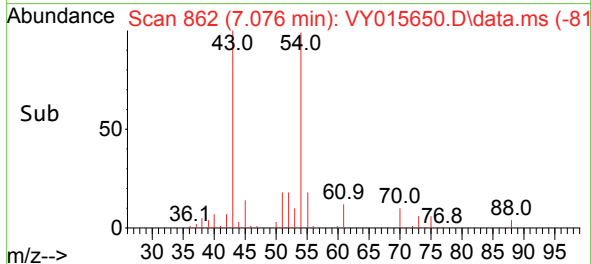


#37
Ethyl Acetate
Concen: 20.768 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.013 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :

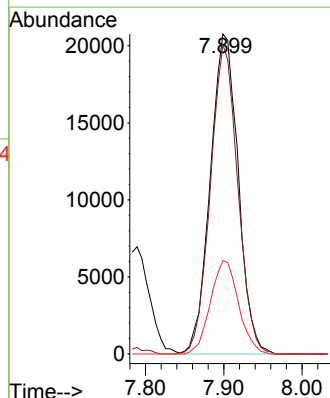
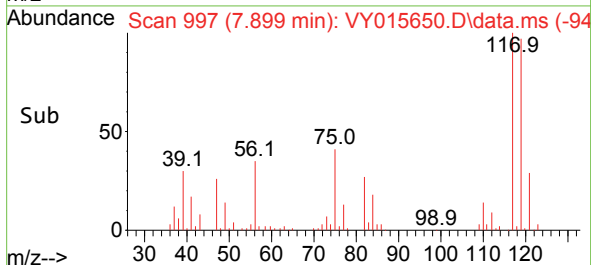
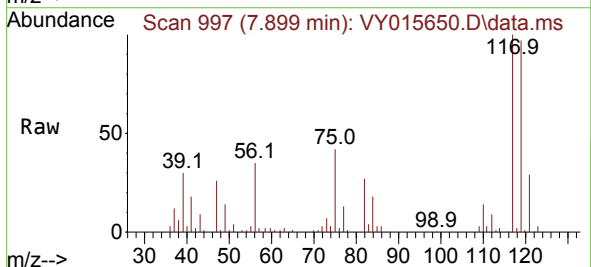


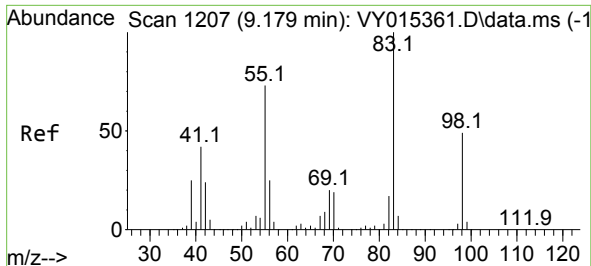
Tgt Ion: 43 Resp: 48873
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.107 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 117 Resp: 51492
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6
121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 19.181 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

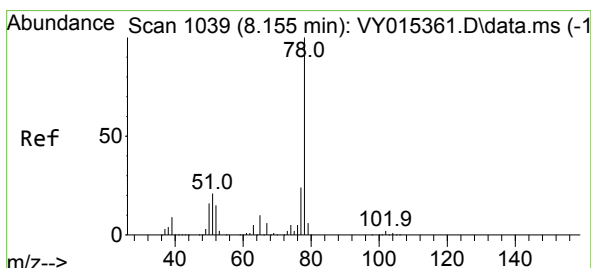
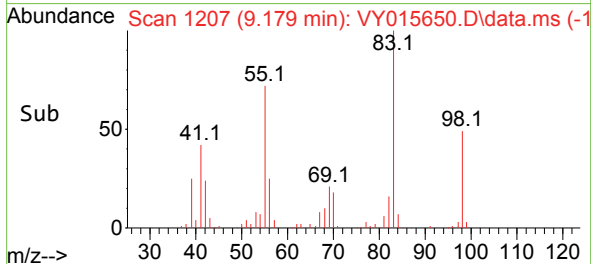
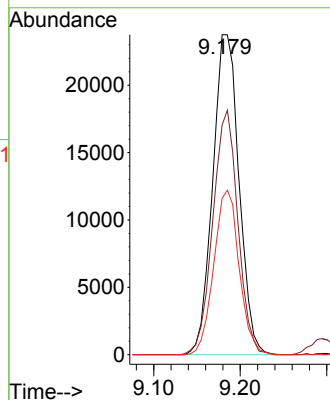
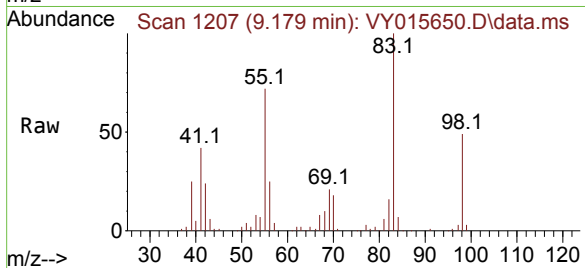
Tgt Ion: 83 Resp: 50052

Ion Ratio Lower Upper

83 100

55 71.8 63.0 94.4

98 48.9 37.4 56.2



#40

Benzene

Concen: 19.941 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015650.D

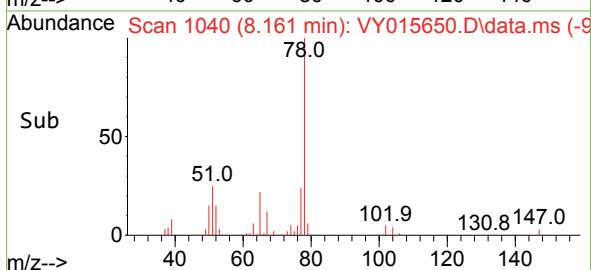
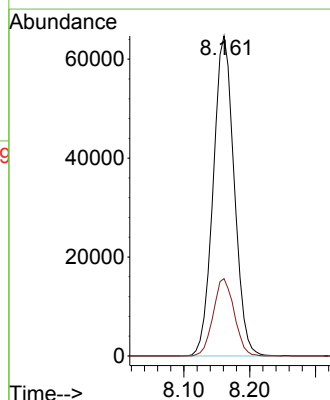
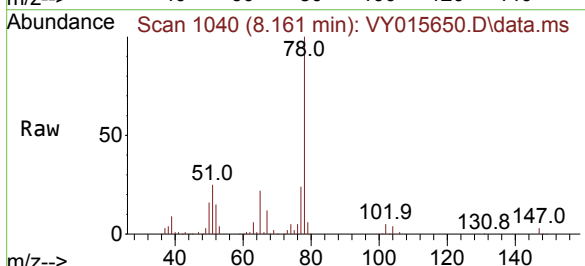
Acq: 20 Sep 2023 11:20

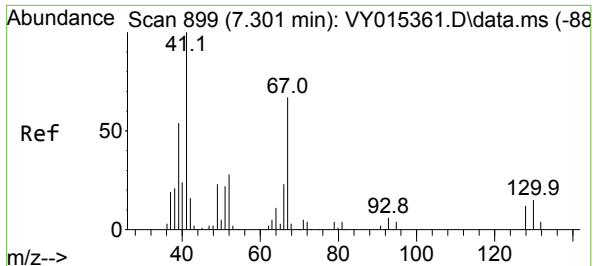
Tgt Ion: 78 Resp: 143474

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

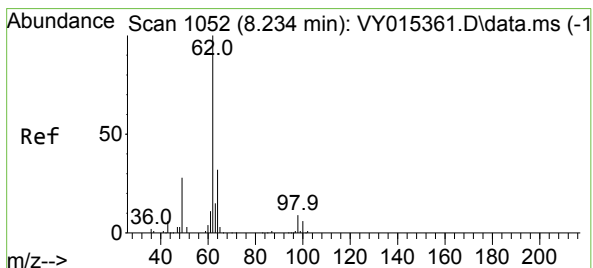
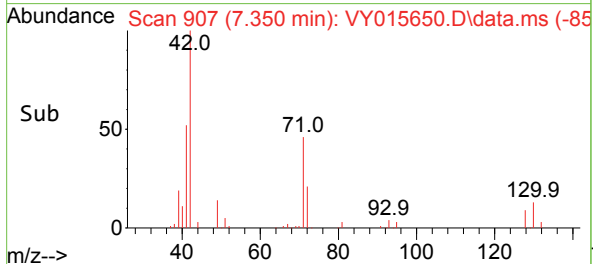
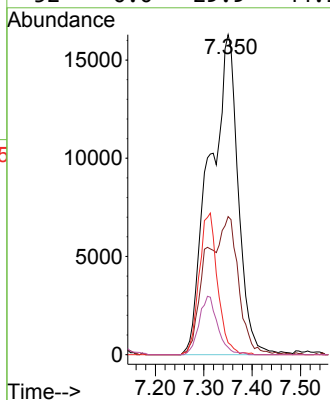
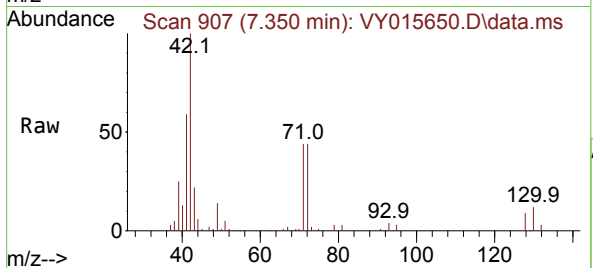




#41
Methacrylonitrile
Concen: 52.566 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

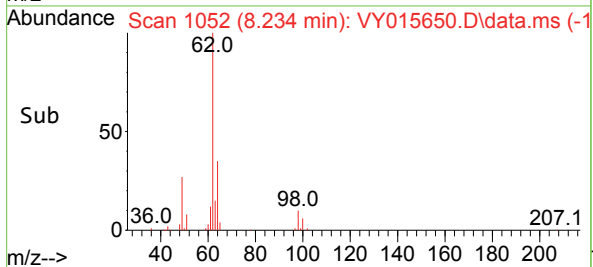
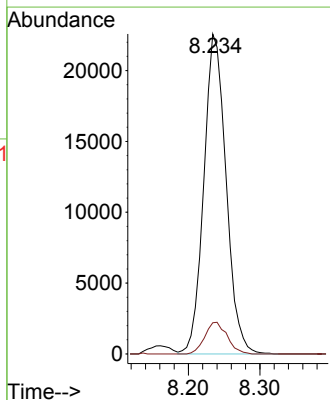
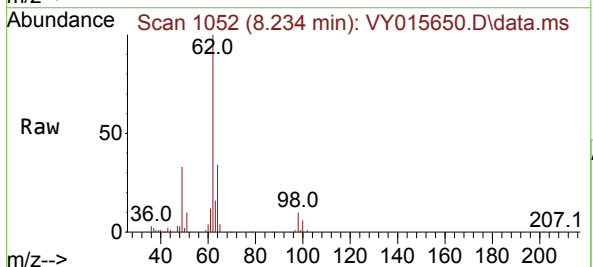
Instrument :
MSVOA_Y
ClientSampleId :

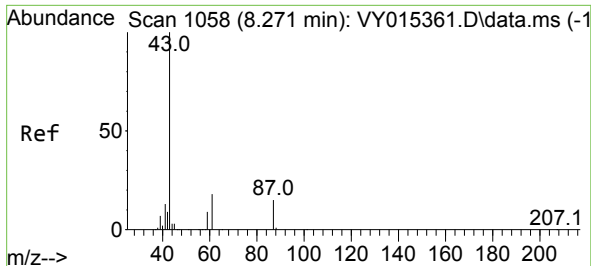
Tgt Ion:	41	Resp:	66607
Ion	Ratio	Lower	Upper
41	100		
39	25.2	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 19.860 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:	62	Resp:	48936
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8

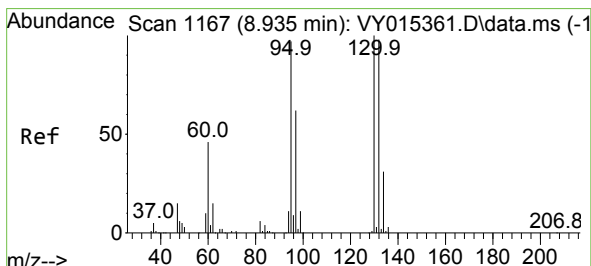
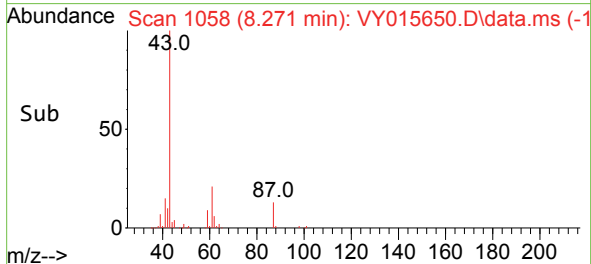
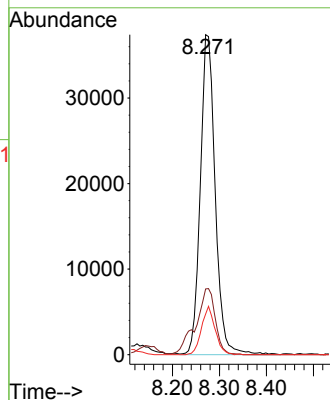
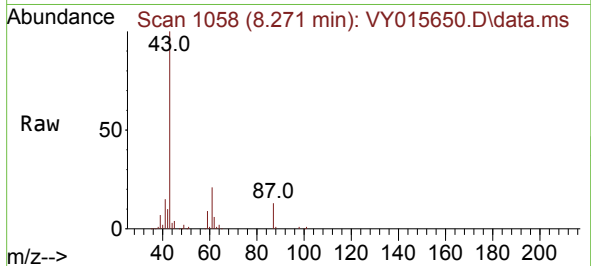




#43
Isopropyl Acetate
Concen: 20.507 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

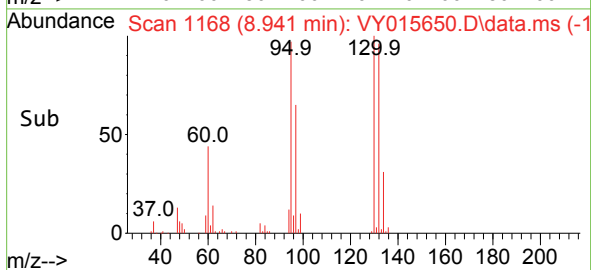
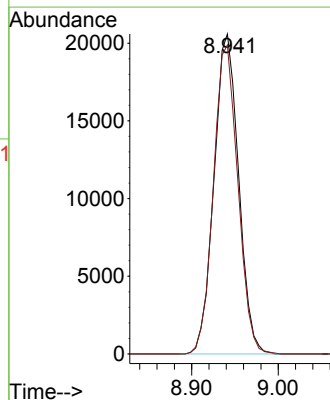
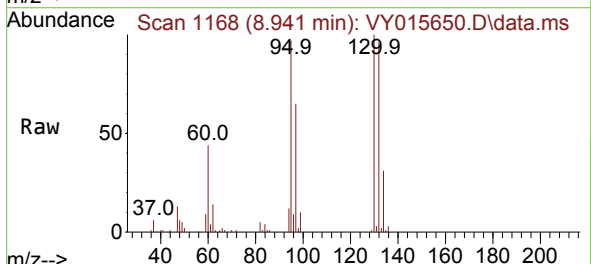
Instrument :
MSVOA_Y
ClientSampleId :

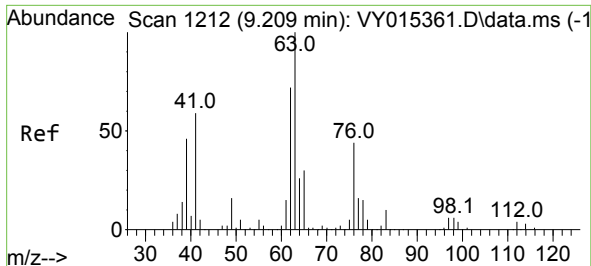
Tgt Ion: 43 Resp: 82434
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 20.139 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 130 Resp: 40470
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.0

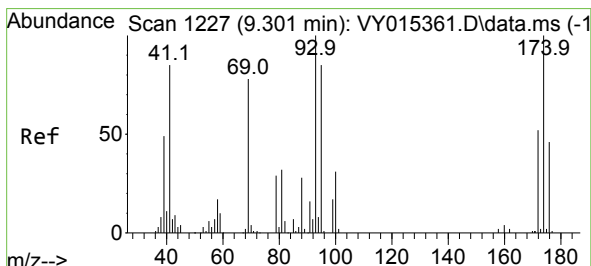
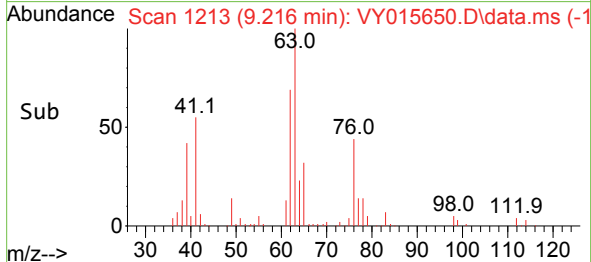
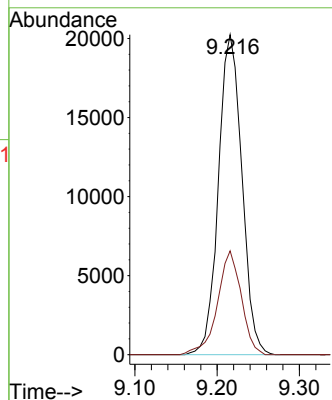
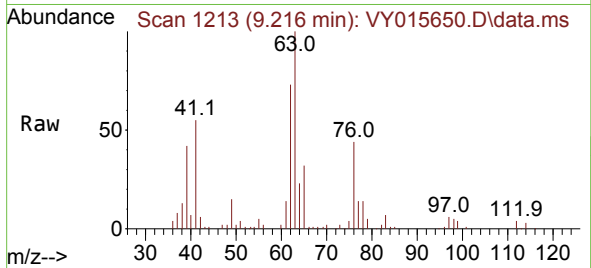




#45
1,2-Dichloropropane
Concen: 20.028 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

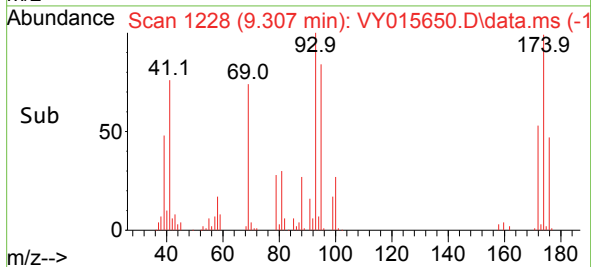
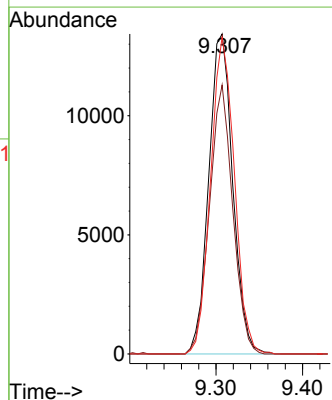
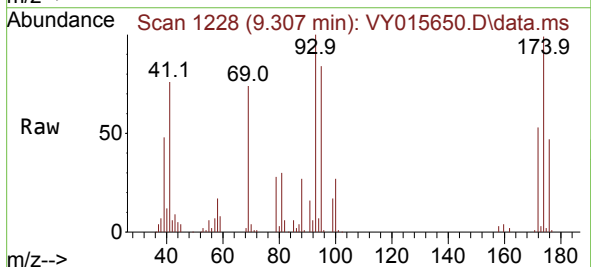
Instrument :
MSVOA_Y
ClientSampleId :

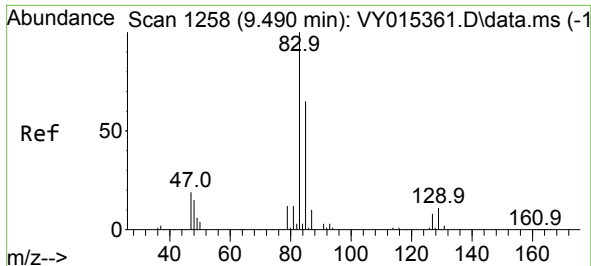
Tgt Ion: 63 Resp: 40184
Ion Ratio Lower Upper
63 100
65 32.5 23.8 35.6



#46
Dibromomethane
Concen: 20.162 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 93 Resp: 25877
Ion Ratio Lower Upper
93 100
95 81.5 66.6 100.0
174 98.2 84.8 127.2

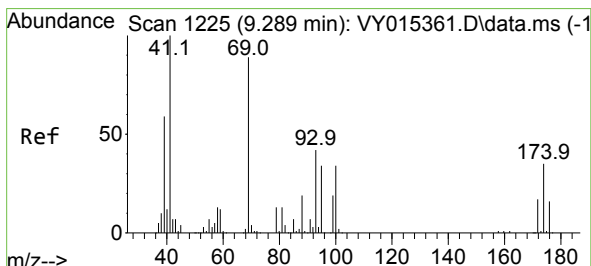
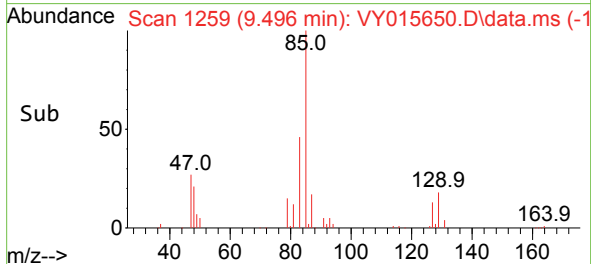
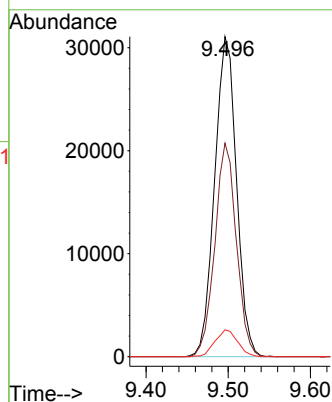
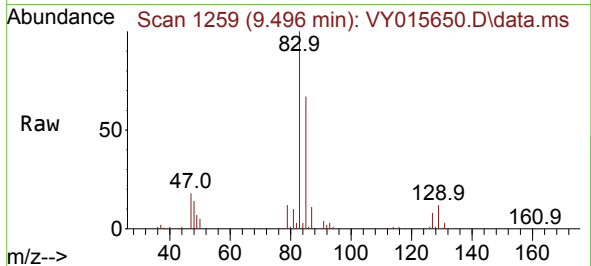




#47
Bromodichloromethane
Concen: 20.065 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

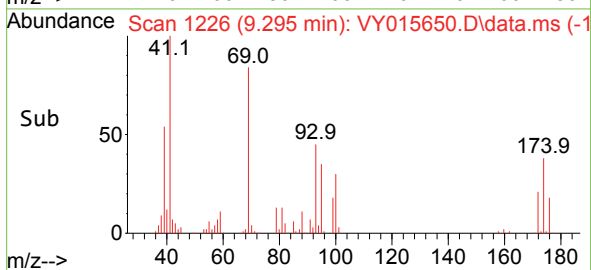
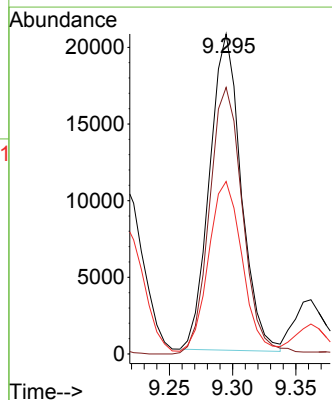
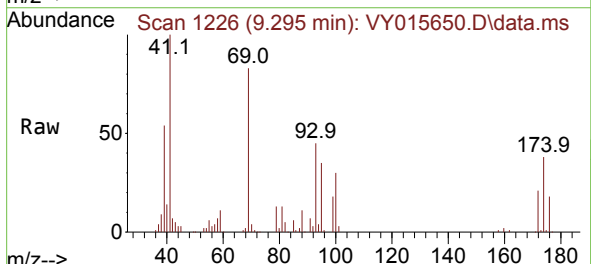
Instrument :
MSVOA_Y
ClientSampleId :

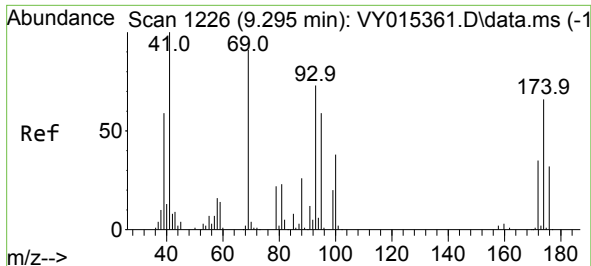
Tgt Ion: 83 Resp: 57400
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 20.331 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 41 Resp: 35873
Ion Ratio Lower Upper
41 100
69 89.1 64.5 96.7
39 58.4 50.8 76.2





#49

1,4-Dioxane

Concen: 453.081 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

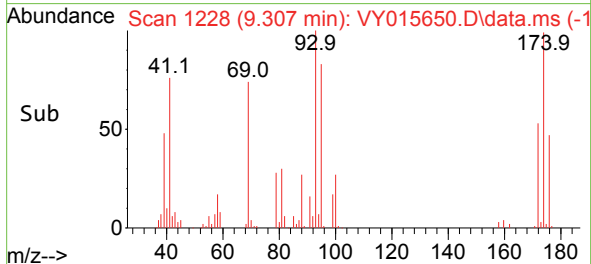
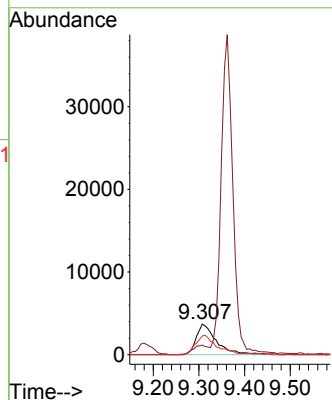
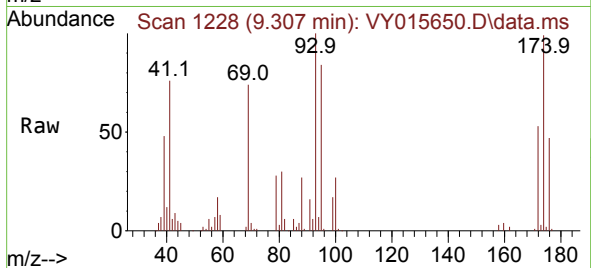
Tgt Ion: 88 Resp: 11488

Ion Ratio Lower Upper

88 100

43 21.6 0.0 0.0#

58 64.7 30.9 46.3#



#50

Toluene-d8

Concen: 42.608 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015650.D

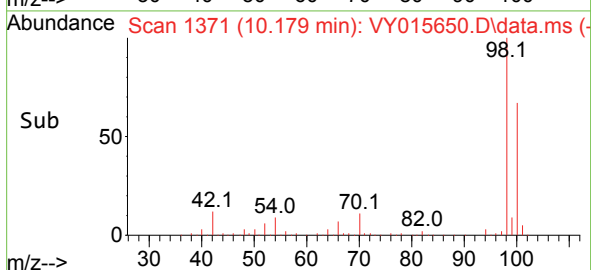
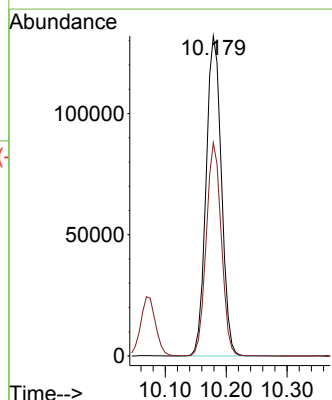
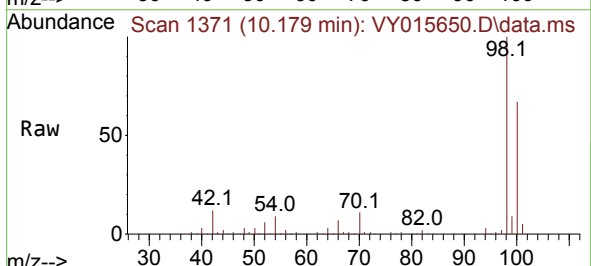
Acq: 20 Sep 2023 11:20

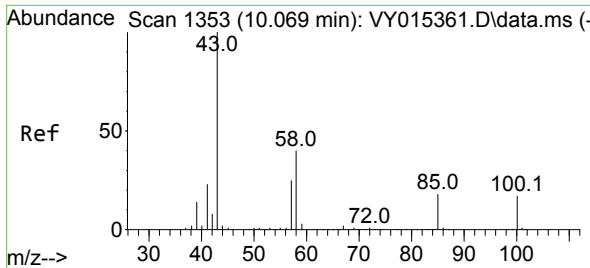
Tgt Ion: 98 Resp: 230519

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

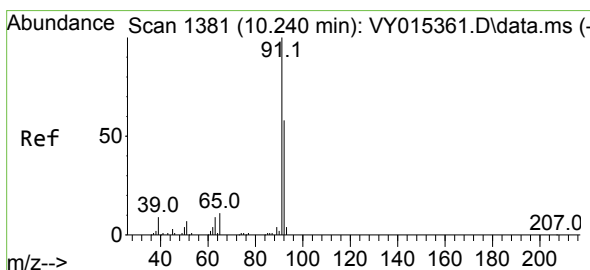
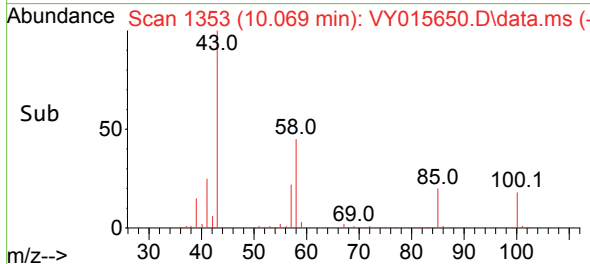
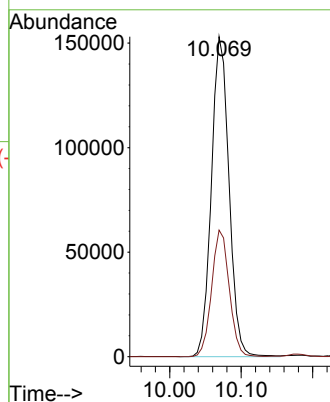
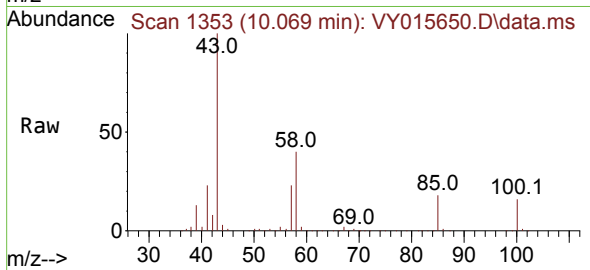




#51
4-Methyl-2-Pentanone
Concen: 105.177 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

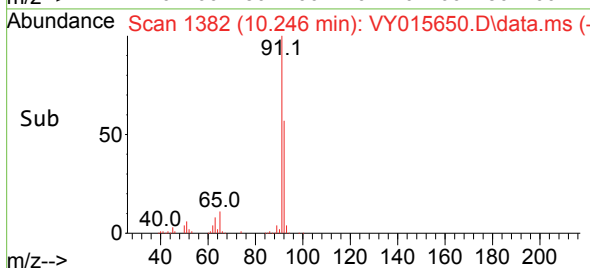
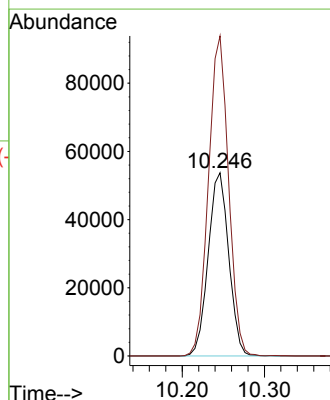
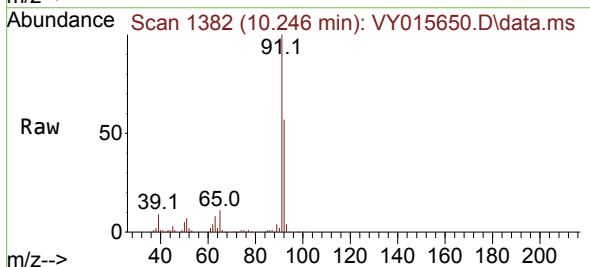
Instrument :
MSVOA_Y
ClientSampleId :

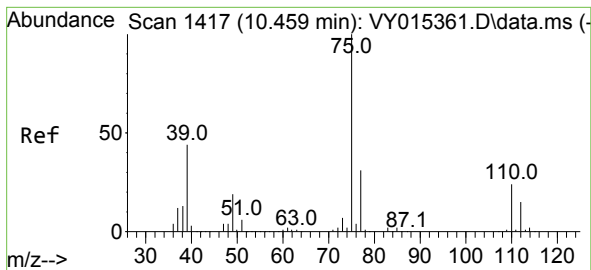
Tgt Ion: 43 Resp: 262056
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 20.085 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 92 Resp: 93164
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6

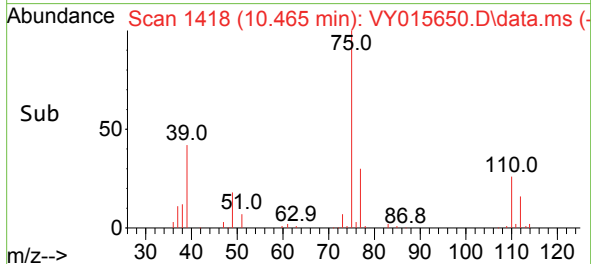
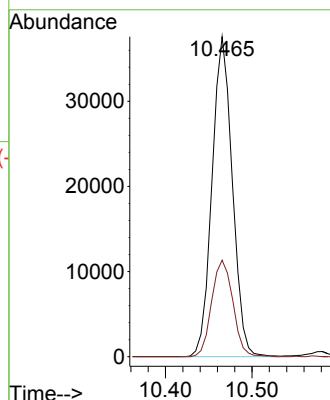
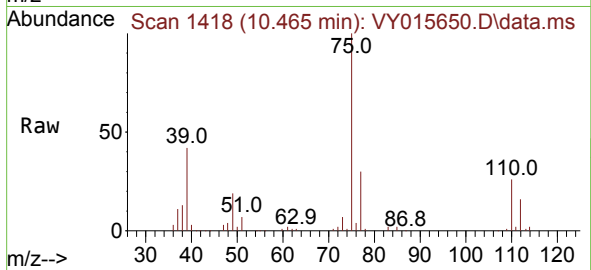




#53
 t-1,3-Dichloropropene
 Concen: 19.966 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

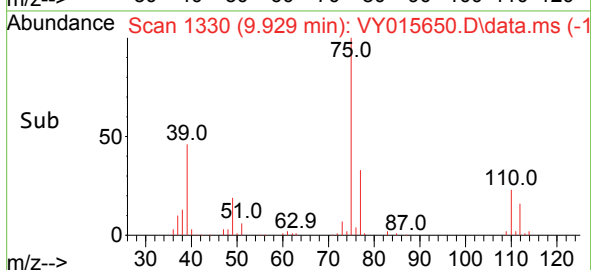
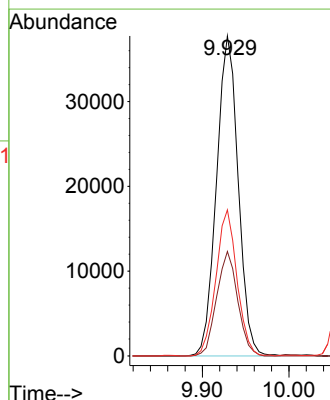
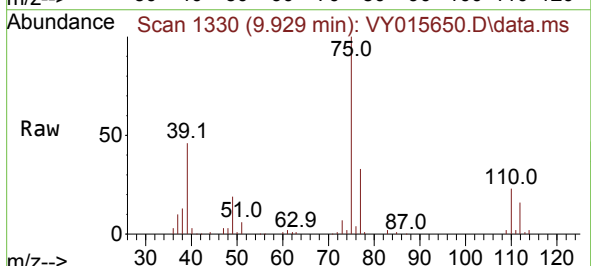
Instrument :
 MSVOA_Y
 ClientSampleId :

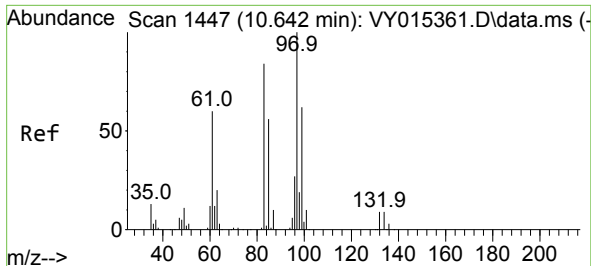
Tgt Ion: 75 Resp: 61252
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.878 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

Tgt Ion: 75 Resp: 65640
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.4
 39 45.6 42.2 63.4

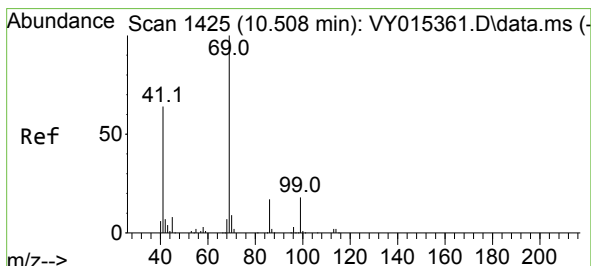
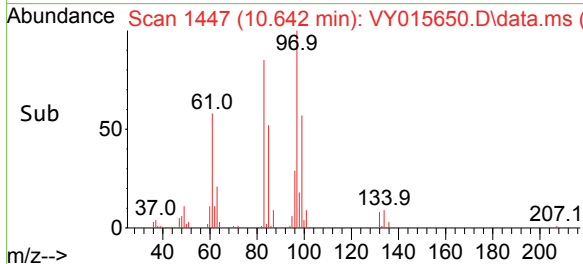
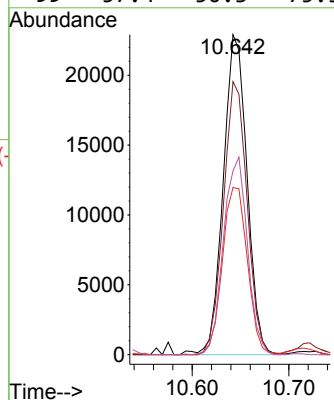
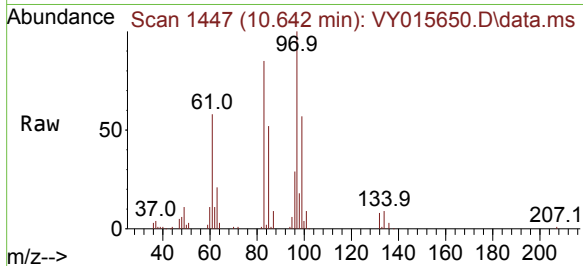




#55
1,1,2-Trichloroethane
Concen: 20.797 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

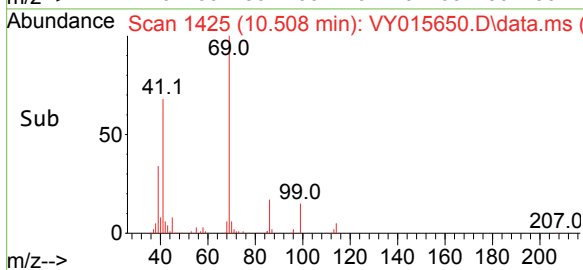
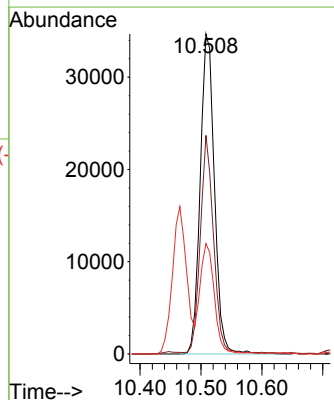
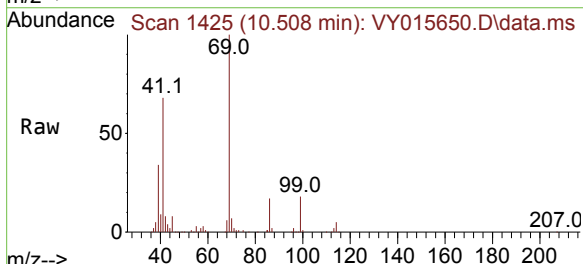
Instrument :
MSVOA_Y
ClientSampleId :

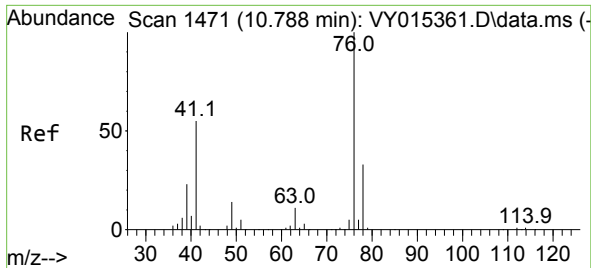
Tgt Ion:	97	Resp:	39116
Ion	Ratio	Lower	Upper
97	100		
83	85.3	72.0	108.0
85	52.3	45.4	68.0
99	57.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.285 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:	69	Resp:	56226
Ion	Ratio	Lower	Upper
69	100		
41	62.8	57.6	86.4
39	33.4	34.1	51.1#

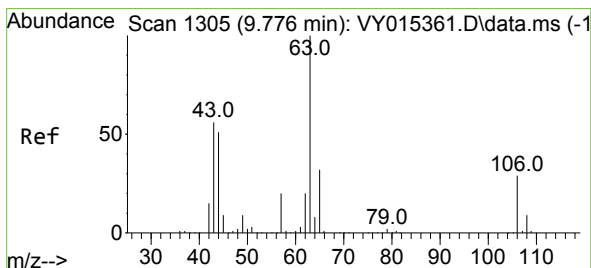
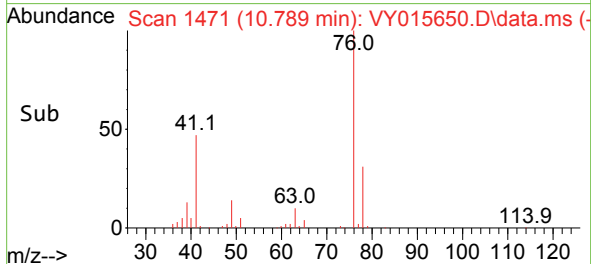
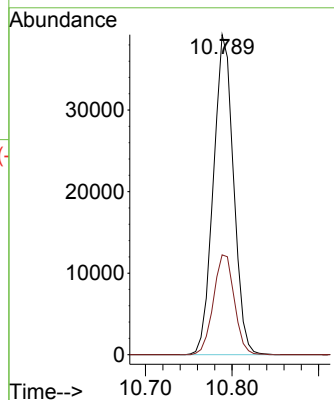
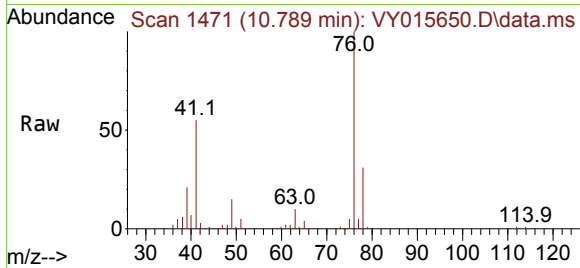




#57
1,3-Dichloropropane
Concen: 20.128 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

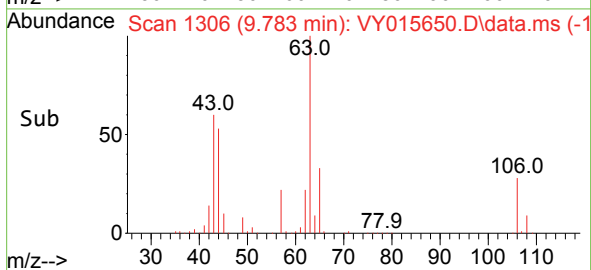
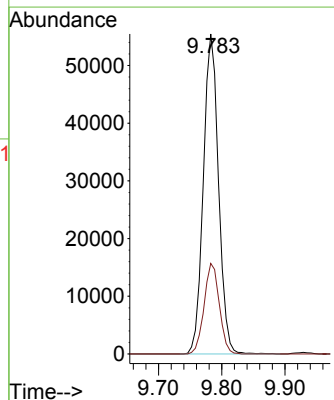
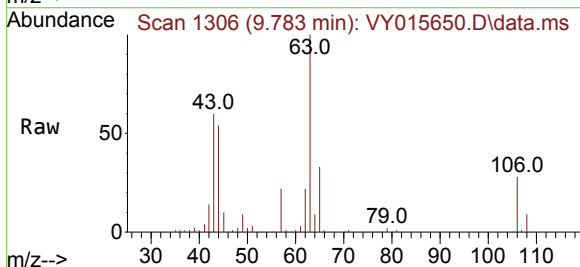
Instrument :
MSVOA_Y
ClientSampleId :

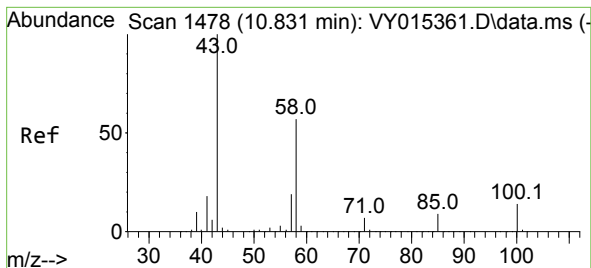
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.3	37.9



#58
2-Chloroethyl Vinyl ether
Concen: 105.254 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.2	31.8

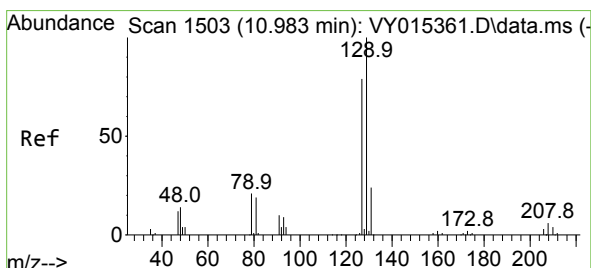
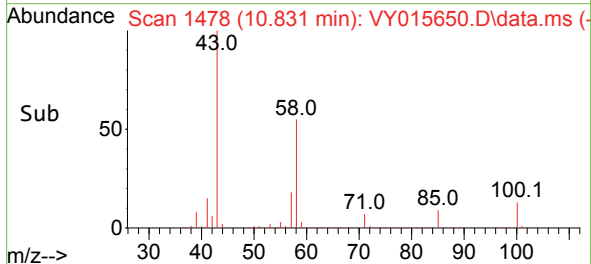
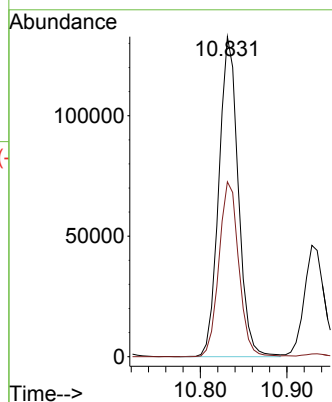
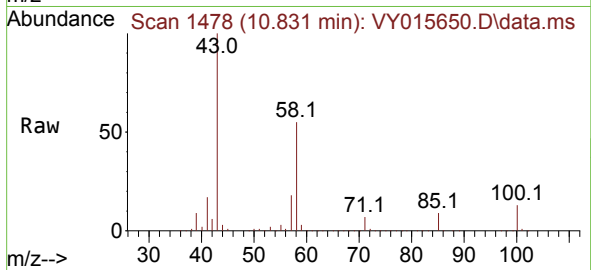




#59
2-Hexanone
Concen: 108.094 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

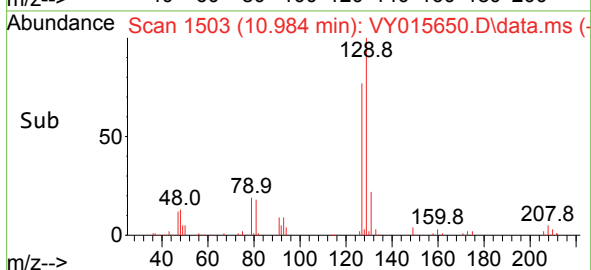
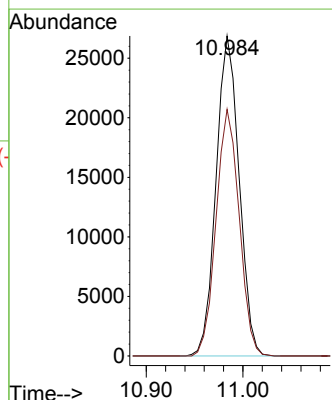
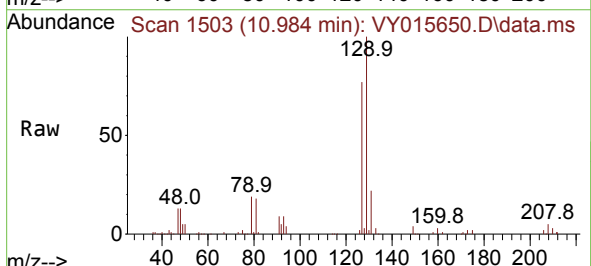
Instrument :
MSVOA_Y
ClientSampleId :

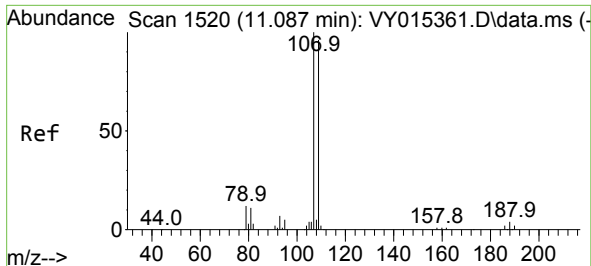
Tgt Ion: 43 Resp: 206628
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.238 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:129 Resp: 44433
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

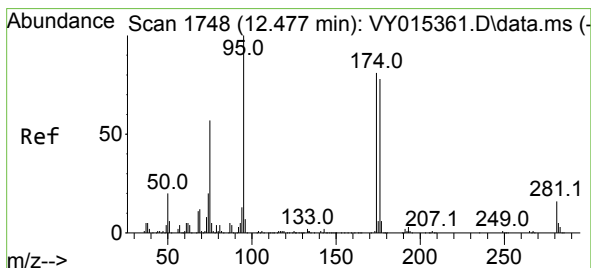
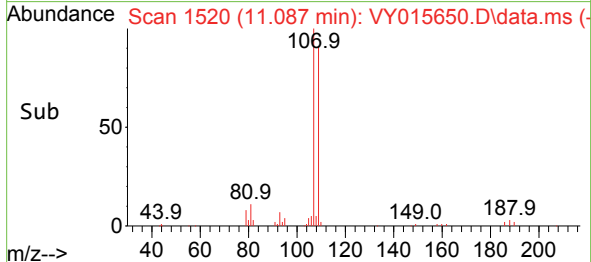
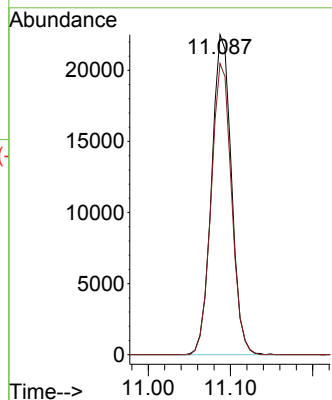
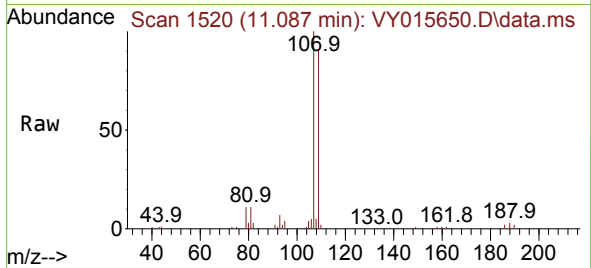




#61
1,2-Dibromoethane
Concen: 20.531 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

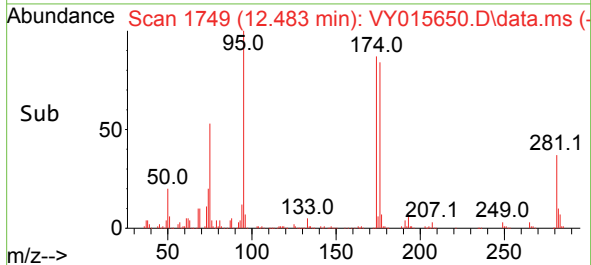
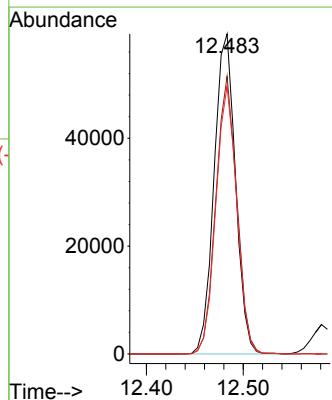
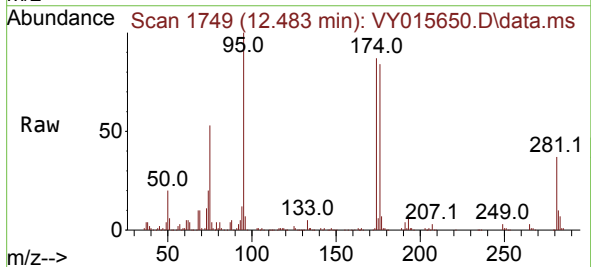
Instrument :
MSVOA_Y
ClientSampleId :

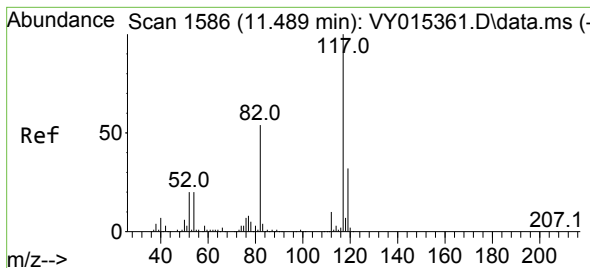
Tgt Ion:107 Resp: 37778
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 95 Resp: 91045
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

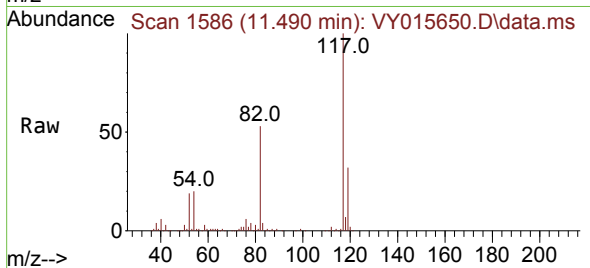
Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :



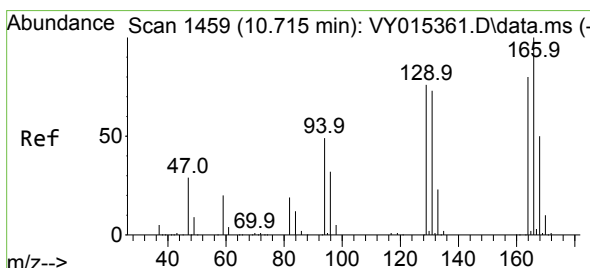
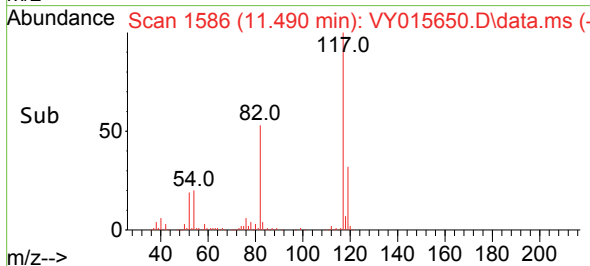
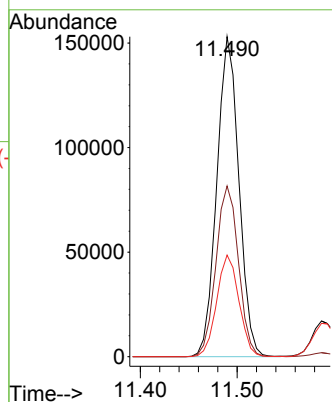
Tgt Ion:117 Resp: 242050

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 20.767 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Tgt Ion:164 Resp: 43128

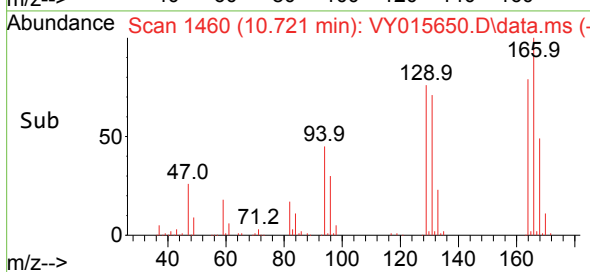
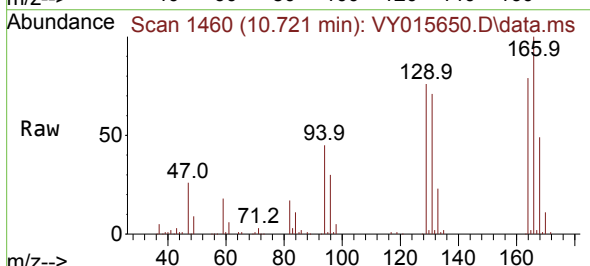
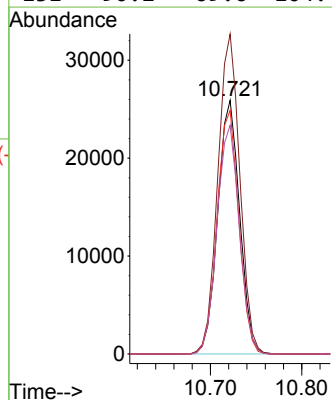
Ion Ratio Lower Upper

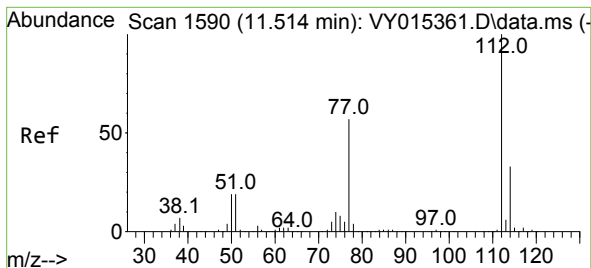
164 100

166 126.2 103.0 154.6

129 96.0 77.2 115.8

131 90.2 69.6 104.4





#65

Chlorobenzene

Concen: 20.070 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

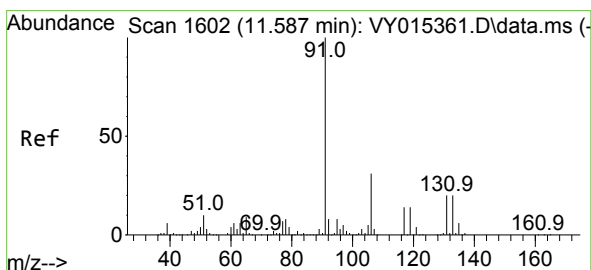
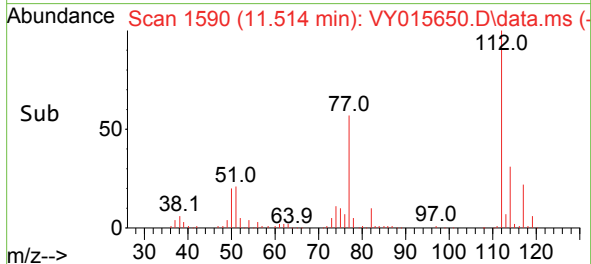
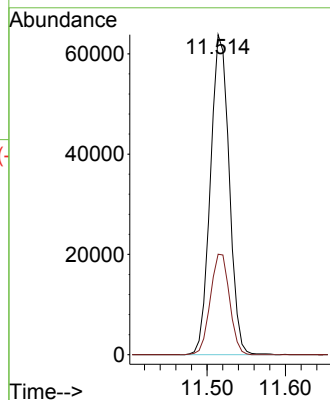
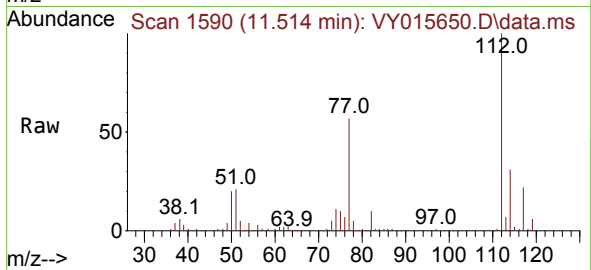
ClientSampleId :

Tgt Ion:112 Resp: 106038

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.576 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

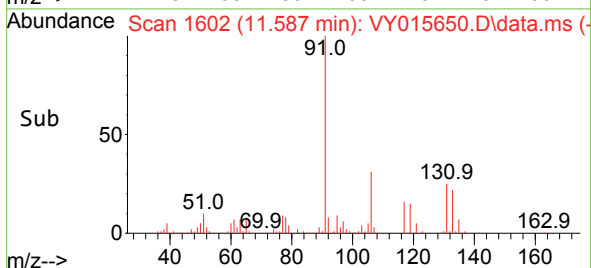
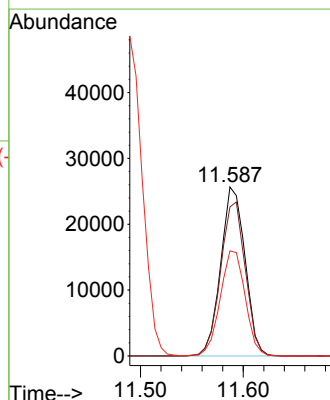
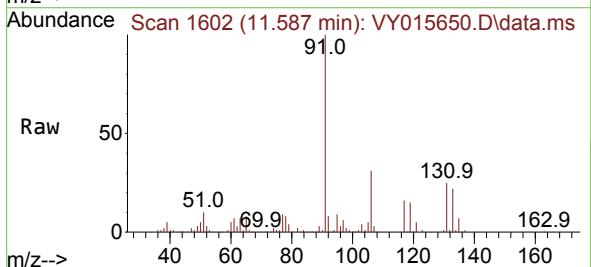
Tgt Ion:131 Resp: 42228

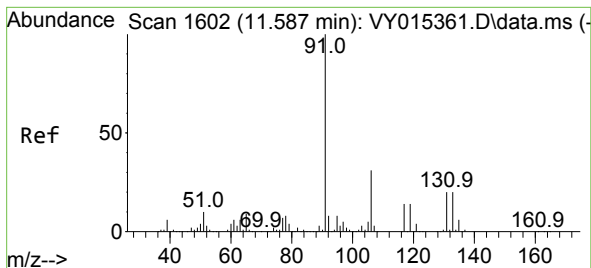
Ion Ratio Lower Upper

131 100

133 92.5 47.5 142.6

119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 19.976 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

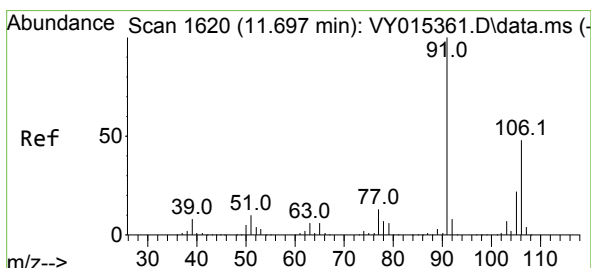
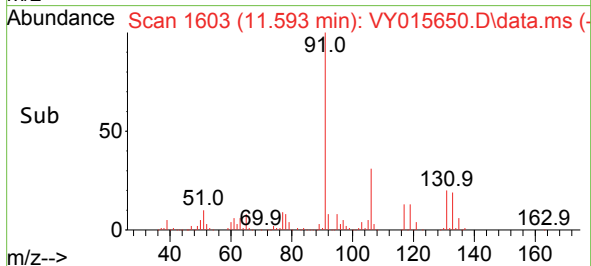
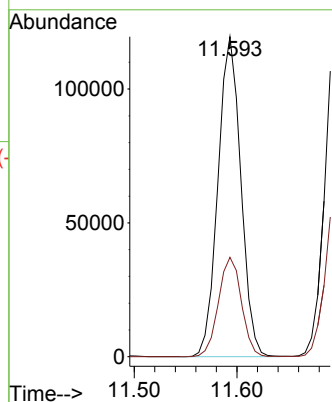
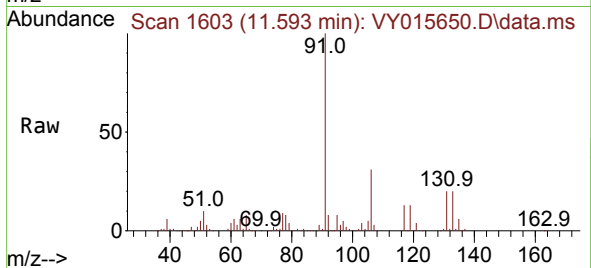
ClientSampleId :

Tgt Ion: 91 Resp: 184477

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 40.824 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015650.D

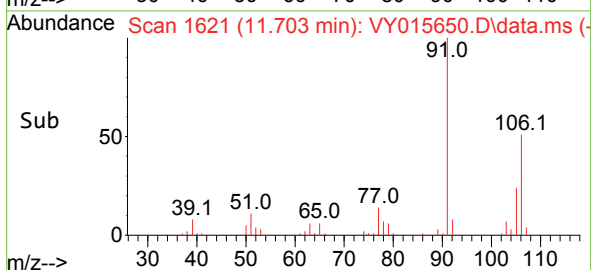
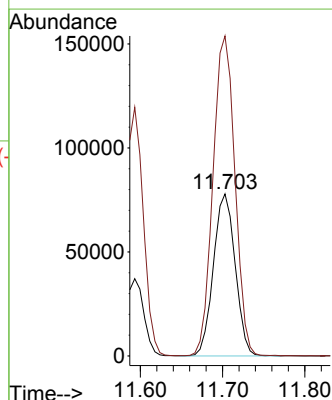
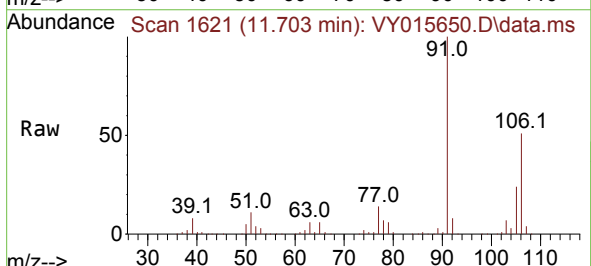
Acq: 20 Sep 2023 11:20

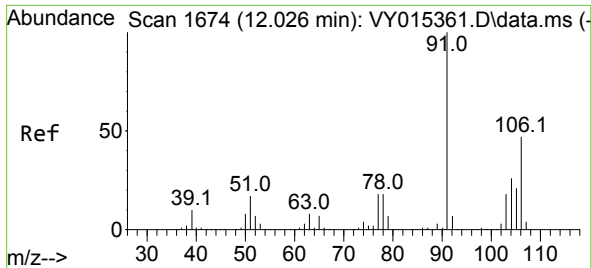
Tgt Ion: 106 Resp: 143296

Ion Ratio Lower Upper

106 100

91 199.3 166.1 249.1

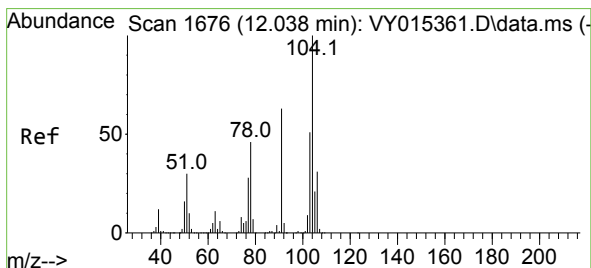
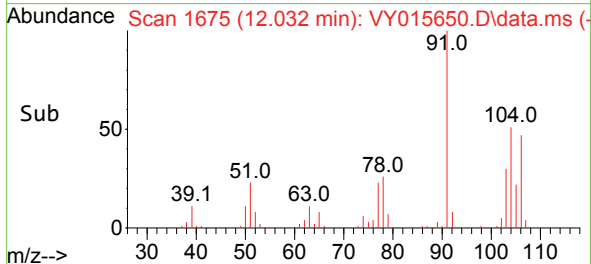
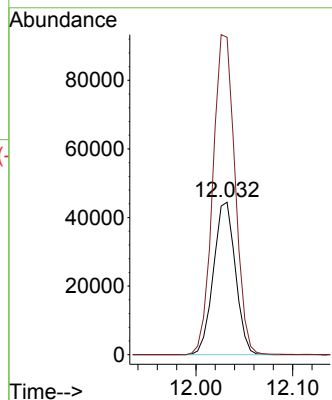
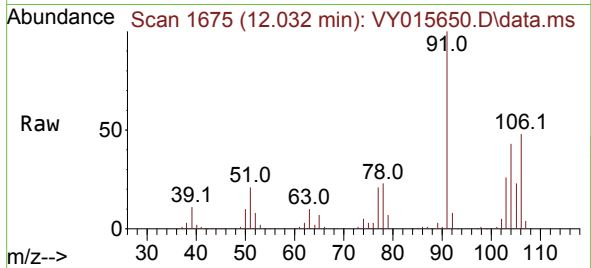




#69
o-Xylene
Concen: 20.384 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

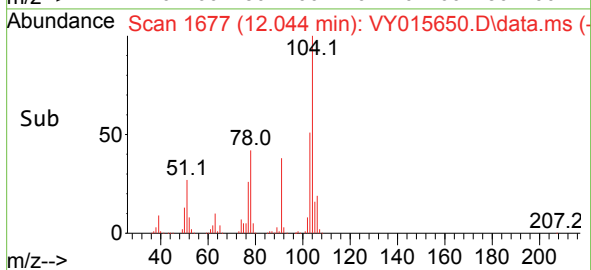
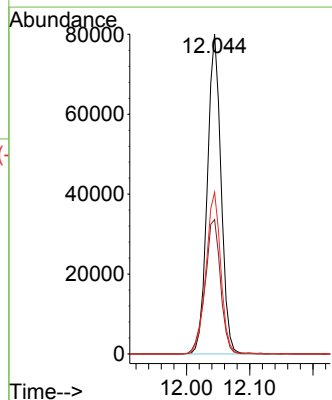
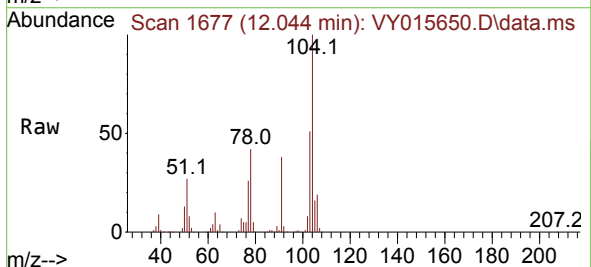
Instrument :
MSVOA_Y
ClientSampleId :

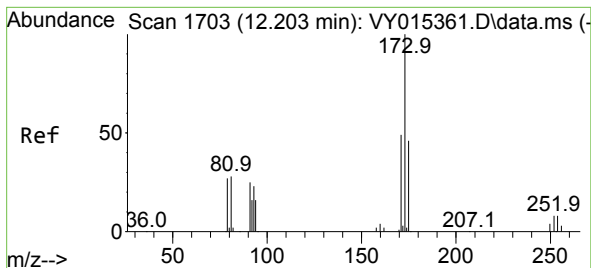
Tgt Ion:106 Resp: 70158
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3



#70
Styrene
Concen: 20.519 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:104 Resp: 120888
Ion Ratio Lower Upper
104 100
78 47.6 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.738 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015650.D

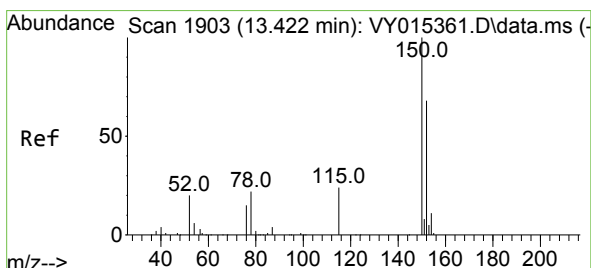
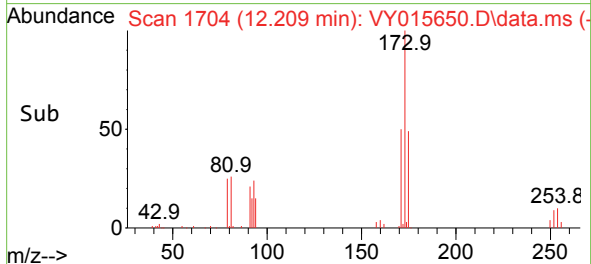
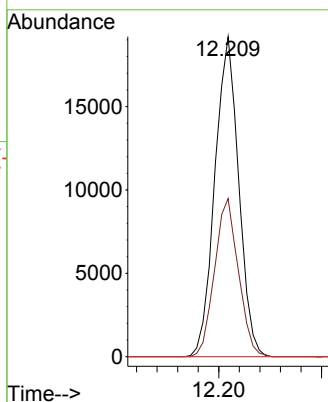
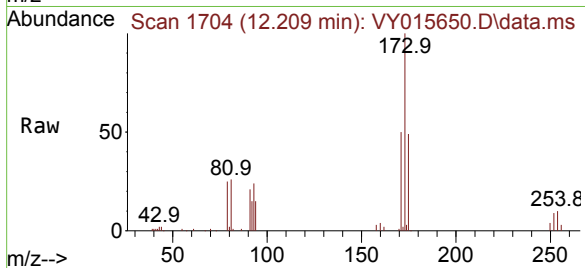
Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	30842
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

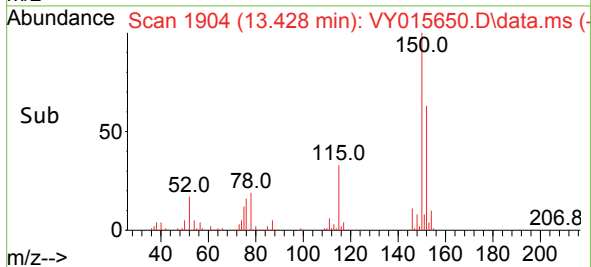
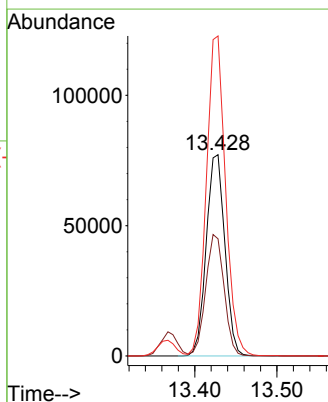
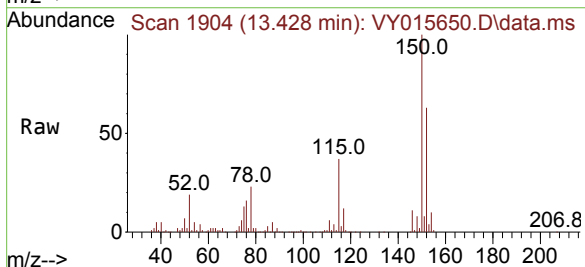
RT: 13.428 min Scan# 1904

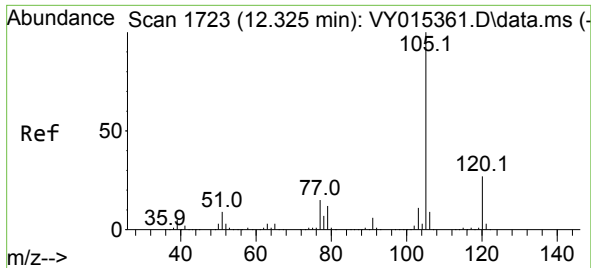
Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Tgt Ion:152	Resp:	121552
Ion Ratio	Lower	Upper
152	100	
115	59.7	28.8 86.5
150	163.4	0.0 348.8

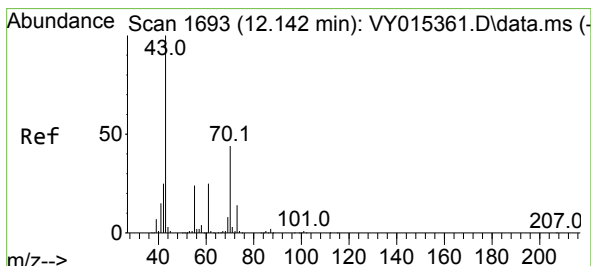
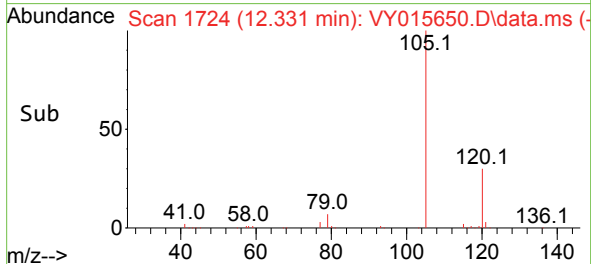
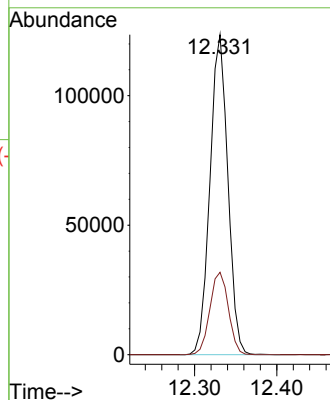
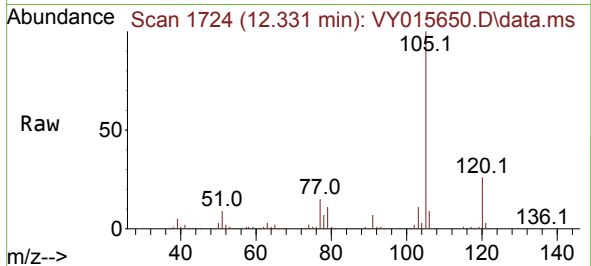




#73
Isopropylbenzene
Concen: 20.460 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

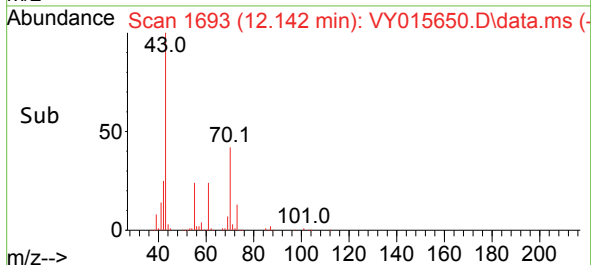
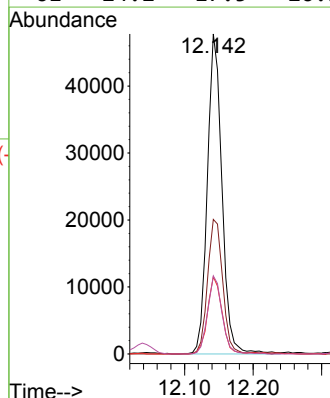
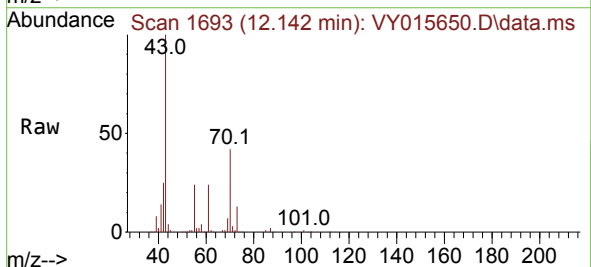
Instrument :
MSVOA_Y
ClientSampleId :

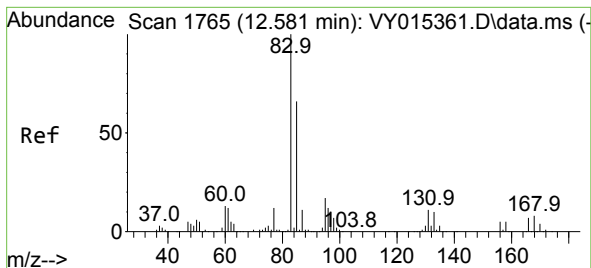
Tgt Ion:105 Resp: 186566
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 20.758 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 43 Resp: 71140
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 23.9 18.3 27.5
61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.711 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

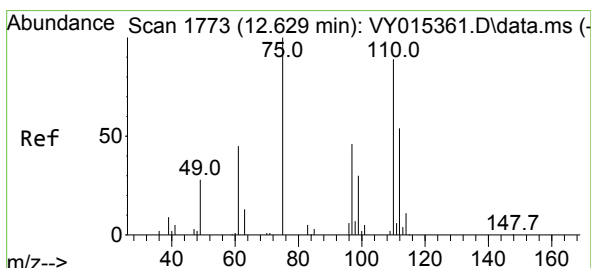
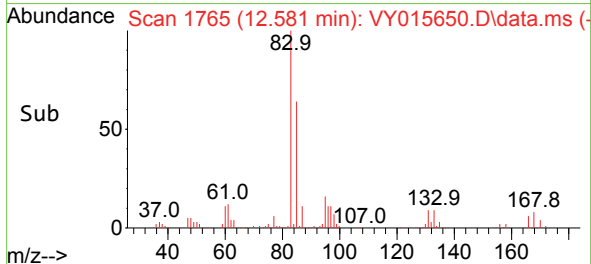
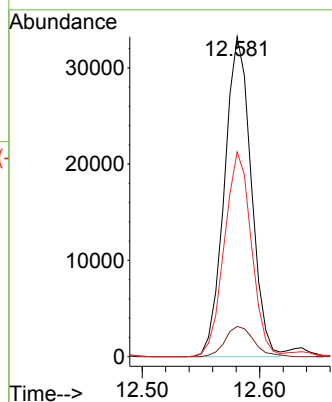
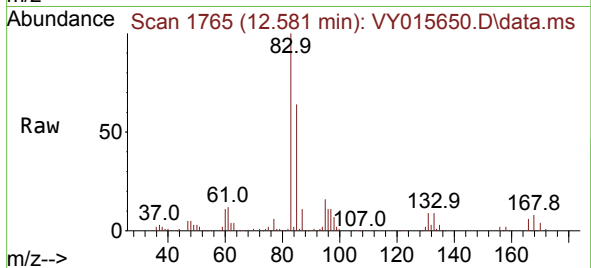
Tgt Ion: 83 Resp: 52560

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.692 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY015650.D

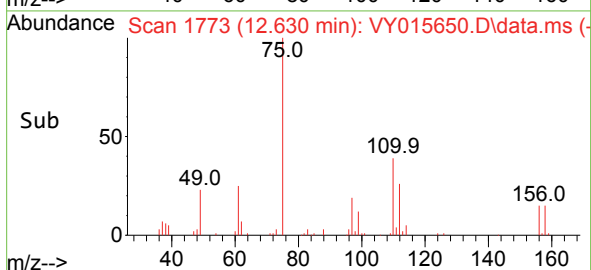
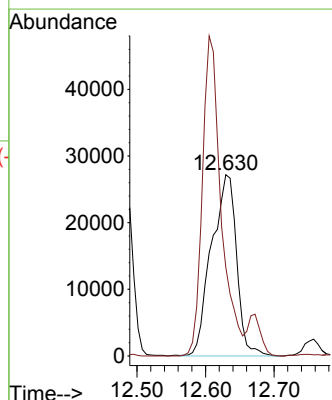
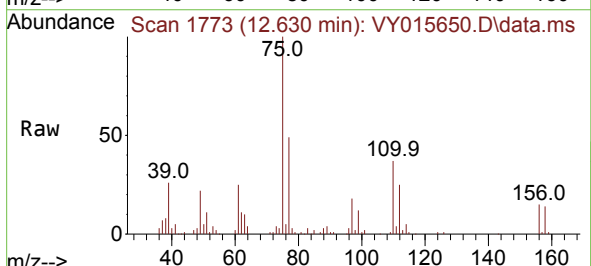
Acq: 20 Sep 2023 11:20

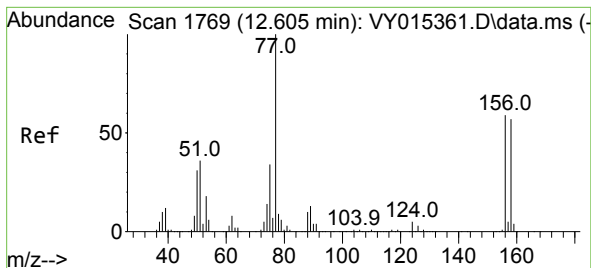
Tgt Ion: 75 Resp: 69213

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.435 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

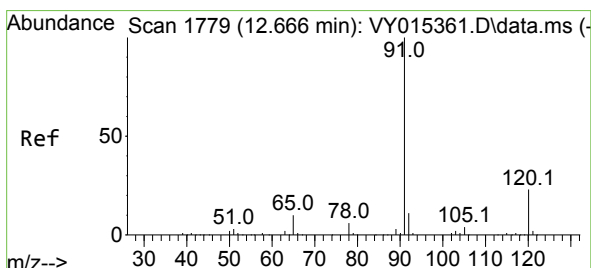
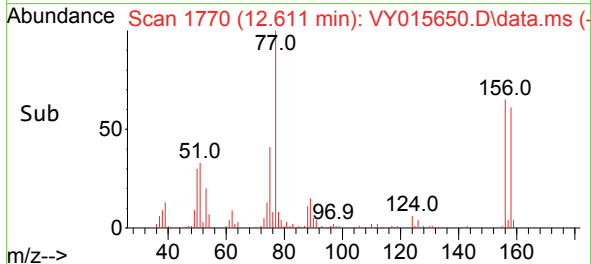
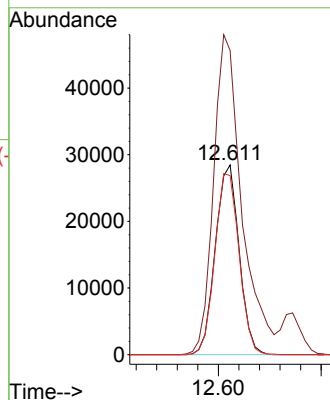
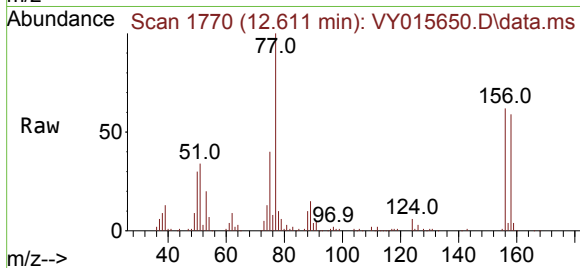
Tgt Ion:156 Resp: 45740

Ion Ratio Lower Upper

156 100

77 199.4 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 20.444 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015650.D

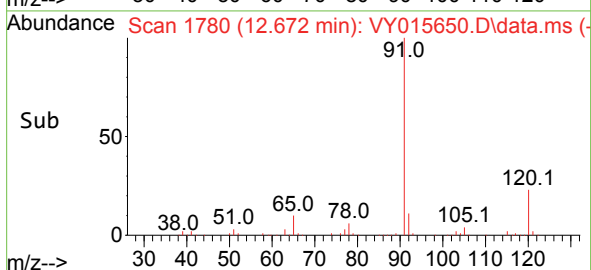
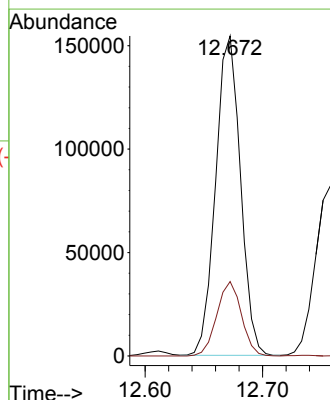
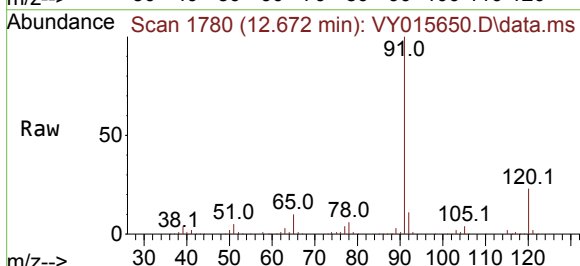
Acq: 20 Sep 2023 11:20

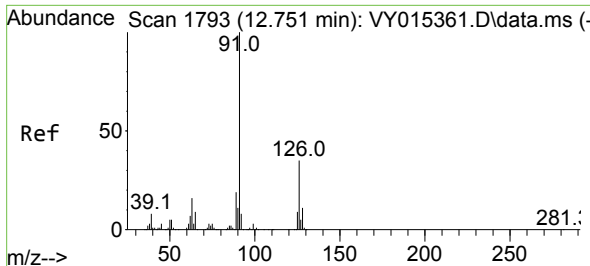
Tgt Ion: 91 Resp: 226477

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

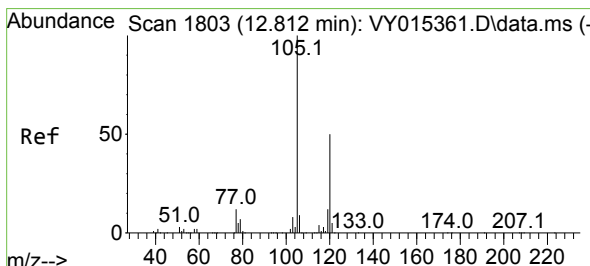
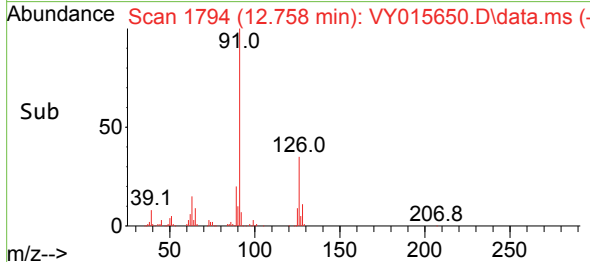
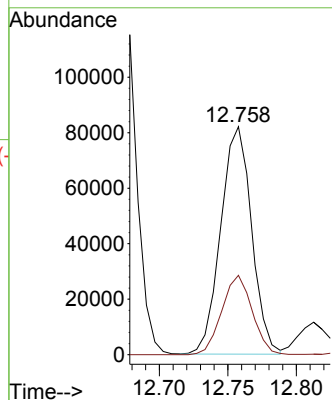
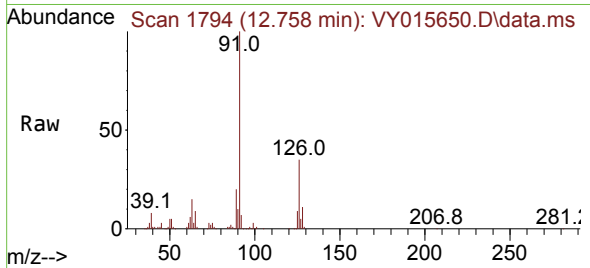




#79
2-Chlorotoluene
Concen: 20.391 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

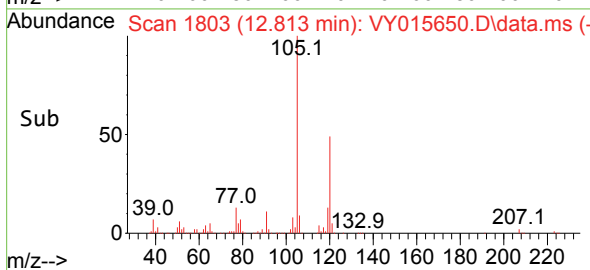
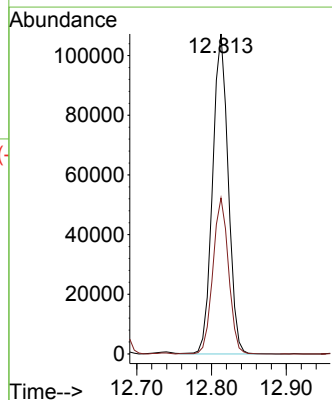
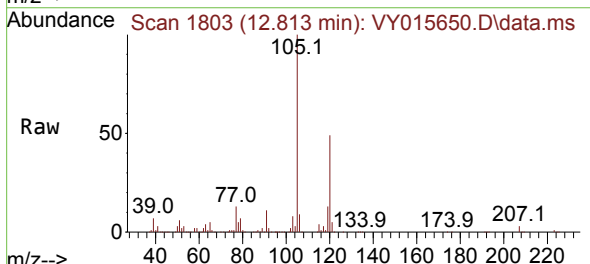
Instrument :
MSVOA_Y
ClientSampleId :

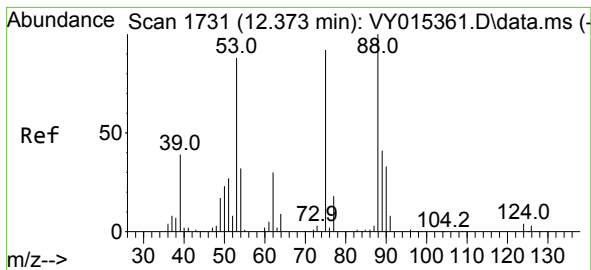
Tgt Ion: 91 Resp: 128760
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.438 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 105 Resp: 156016
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

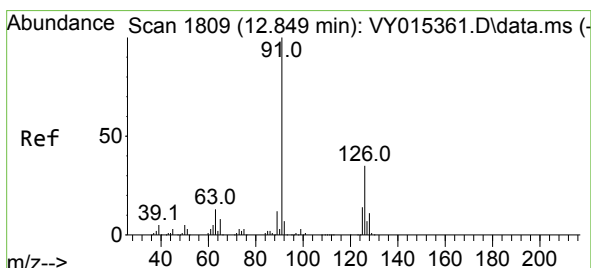
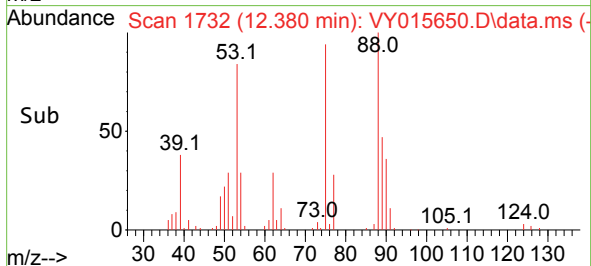
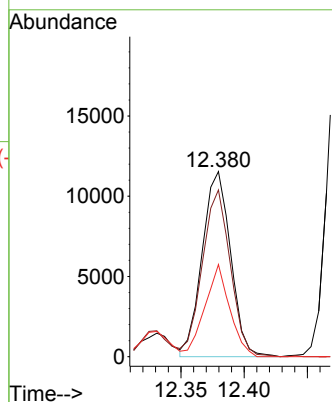
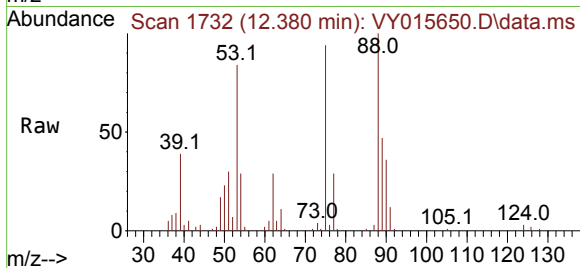




#81
trans-1,4-Dichloro-2-butene
Concen: 20.973 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

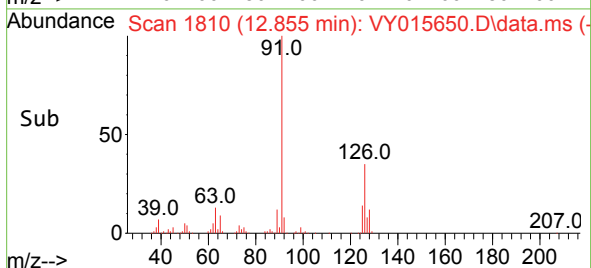
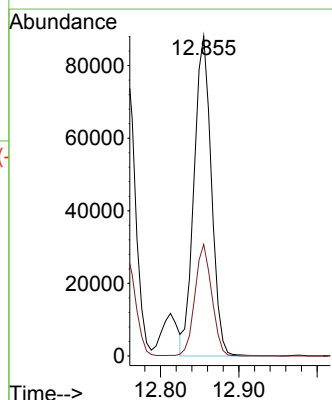
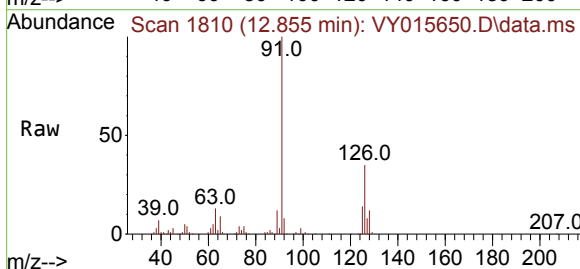
Instrument :
MSVOA_Y
ClientSampleId :

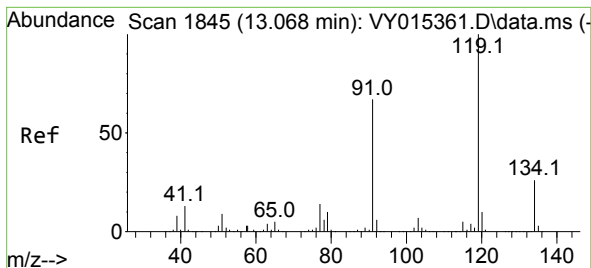
Tgt Ion: 75 Resp: 18060
Ion Ratio Lower Upper
75 100
53 88.7 77.8 116.8
89 43.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.573 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 91 Resp: 135616
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.541 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

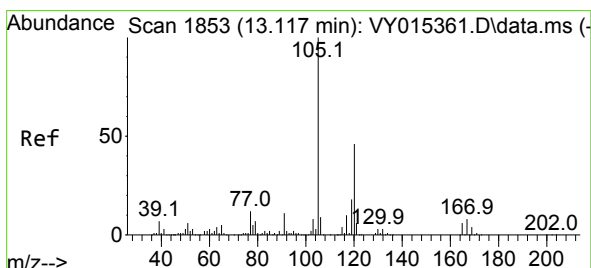
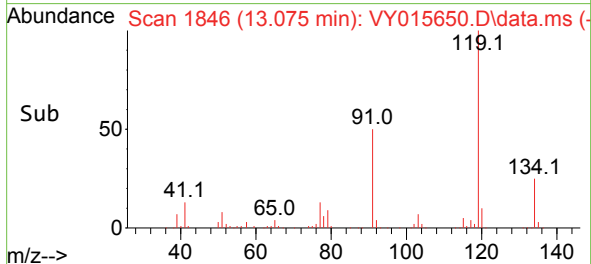
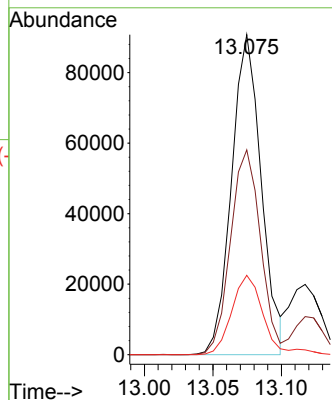
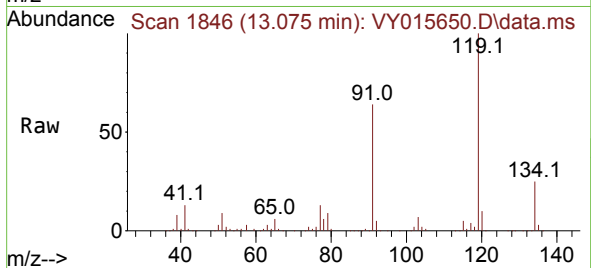
Tgt Ion:119 Resp: 137335

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.149 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015650.D

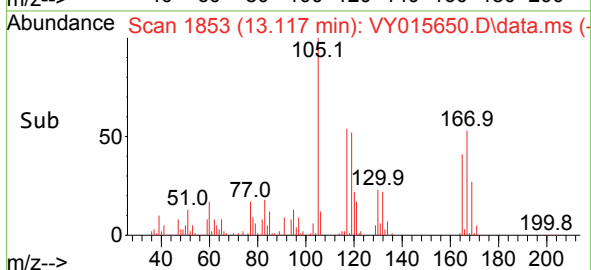
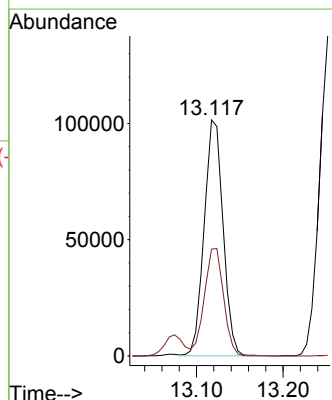
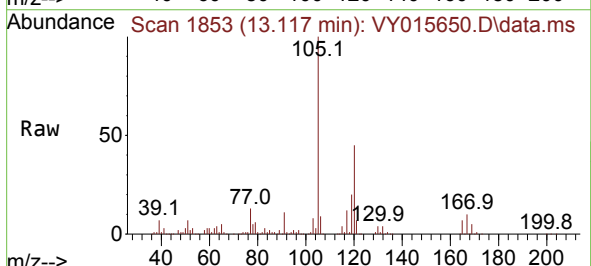
Acq: 20 Sep 2023 11:20

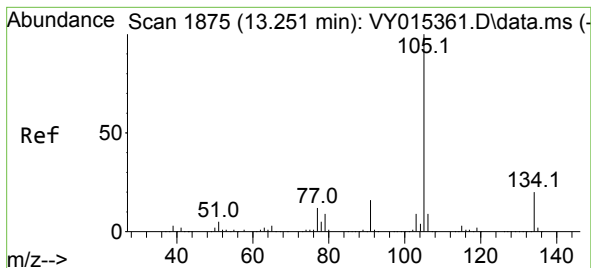
Tgt Ion:105 Resp: 153902

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.611 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

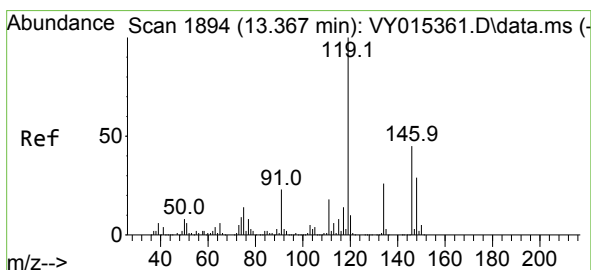
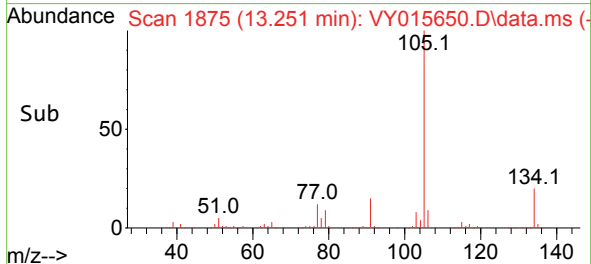
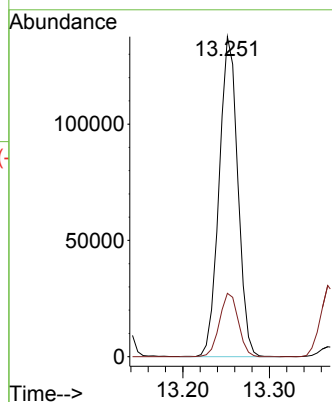
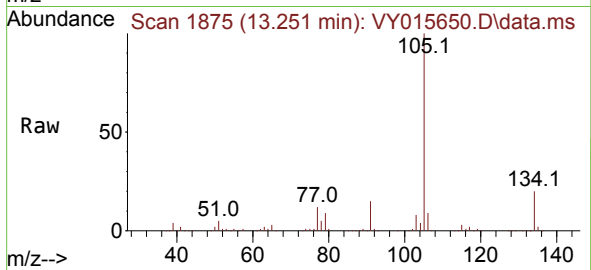
ClientSampleId :

Tgt Ion:105 Resp: 206228

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.313 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

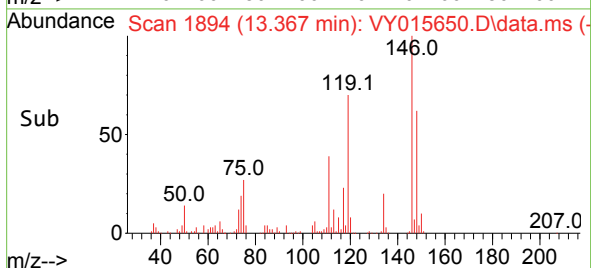
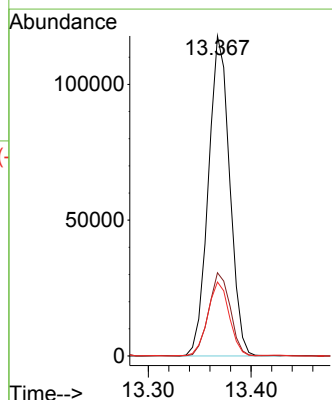
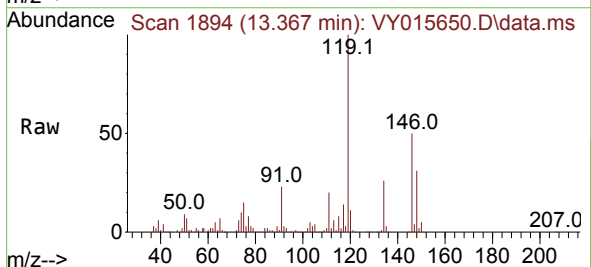
Tgt Ion:119 Resp: 169771

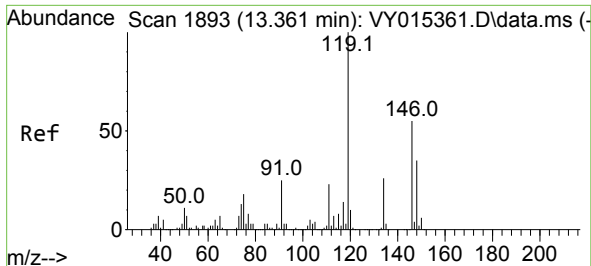
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.3 12.4 37.4

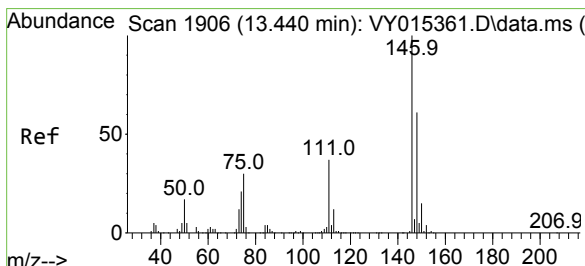
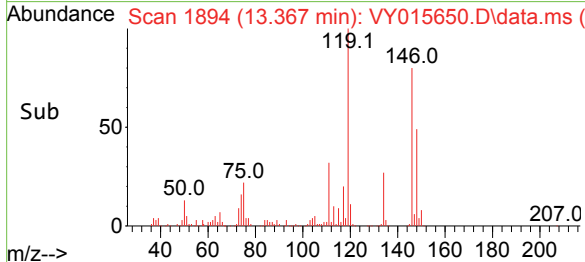
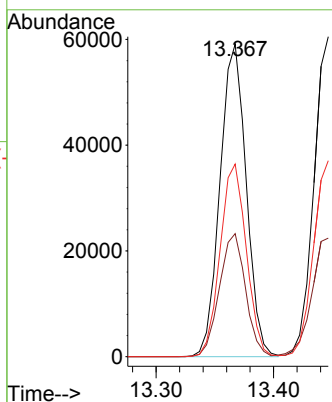
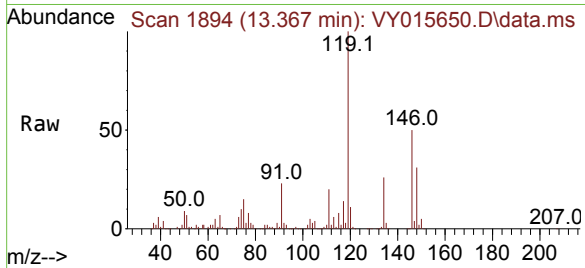




#87
1,3-Dichlorobenzene
Concen: 20.641 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

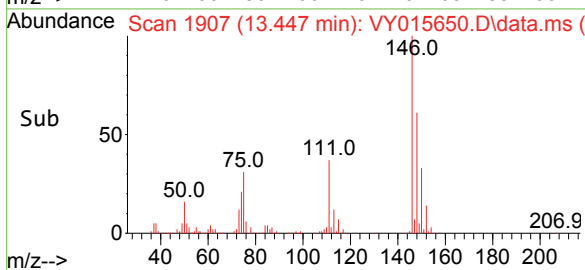
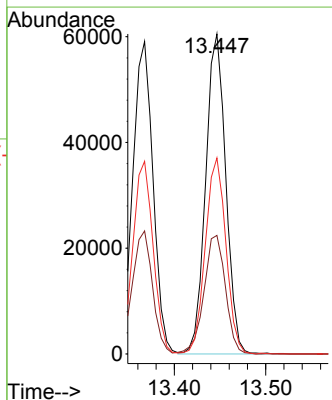
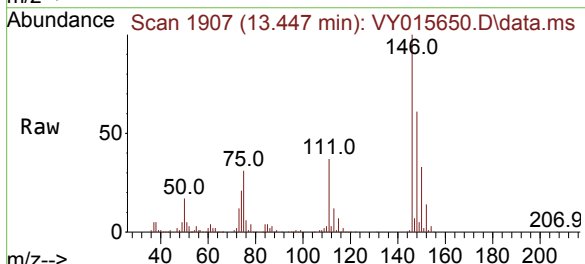
Instrument :
MSVOA_Y
ClientSampleId :

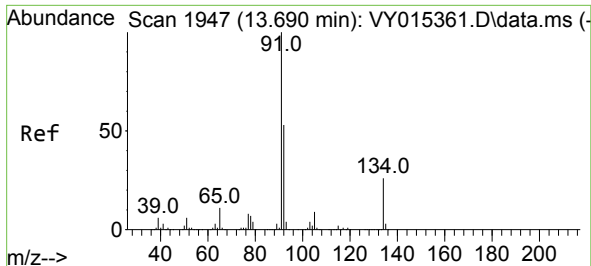
Tgt Ion:146 Resp: 91657
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 61.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.796 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:146 Resp: 92356
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 62.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.610 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

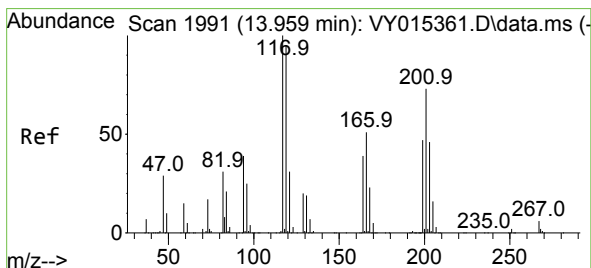
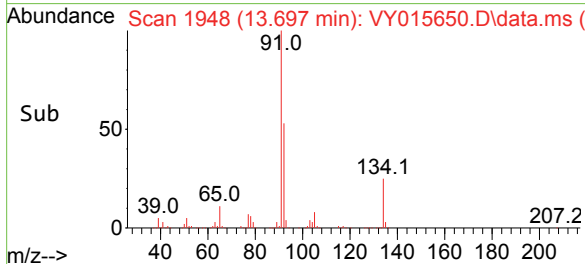
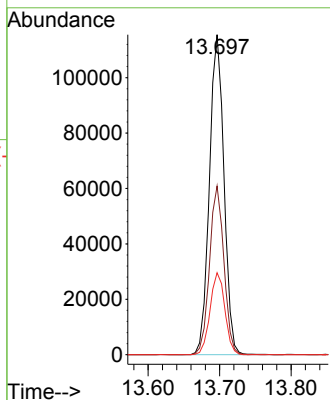
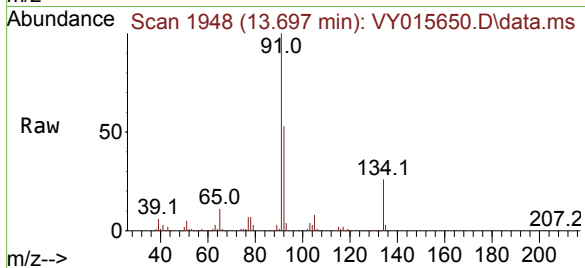
Tgt Ion: 91 Resp: 163117

Ion Ratio Lower Upper

91 100

92 52.1 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 20.368 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015650.D

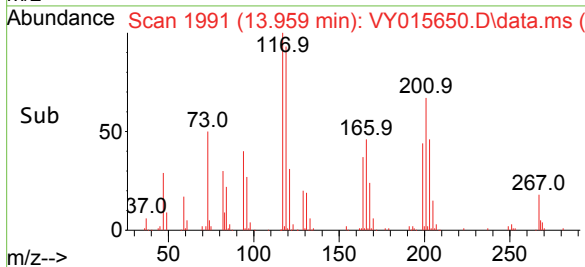
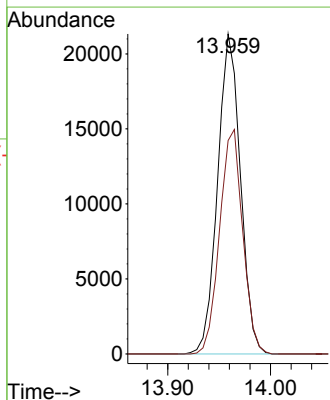
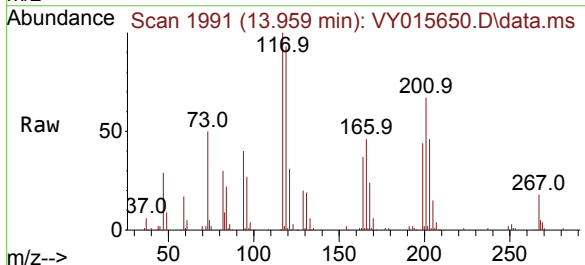
Acq: 20 Sep 2023 11:20

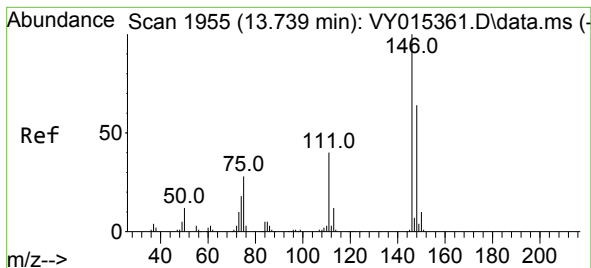
Tgt Ion: 117 Resp: 32854

Ion Ratio Lower Upper

117 100

201 71.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.643 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

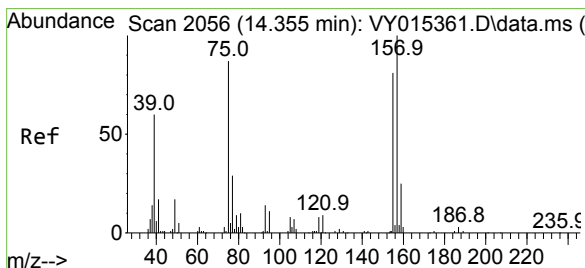
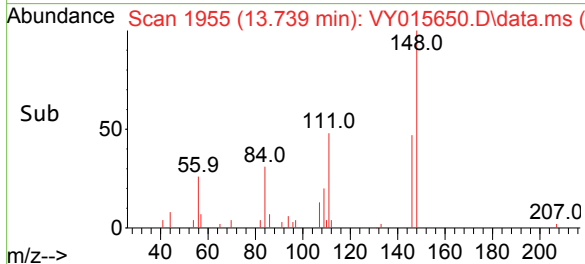
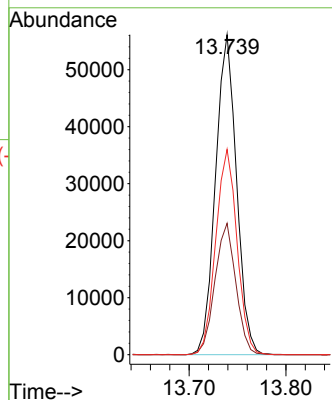
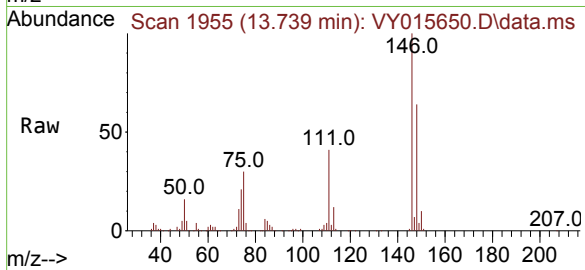
Tgt Ion:146 Resp: 84617

Ion Ratio Lower Upper

146 100

111 41.1 19.7 59.0

148 65.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.265 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

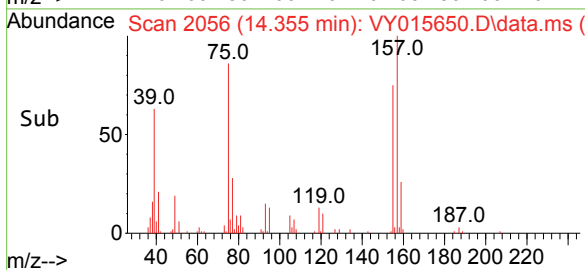
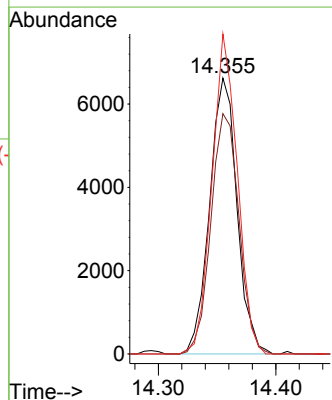
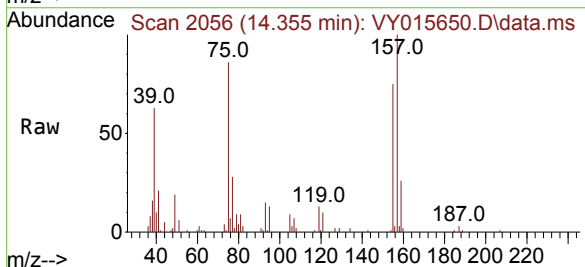
Tgt Ion: 75 Resp: 10718

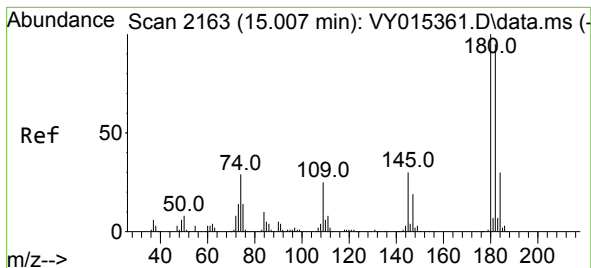
Ion Ratio Lower Upper

75 100

155 89.1 41.5 124.6

157 107.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.677 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

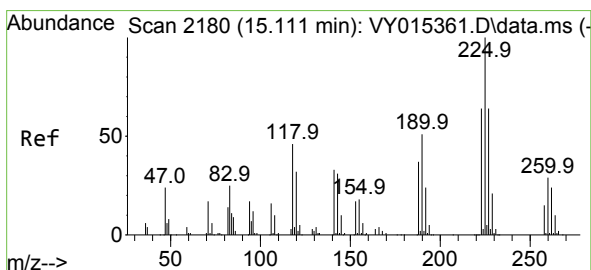
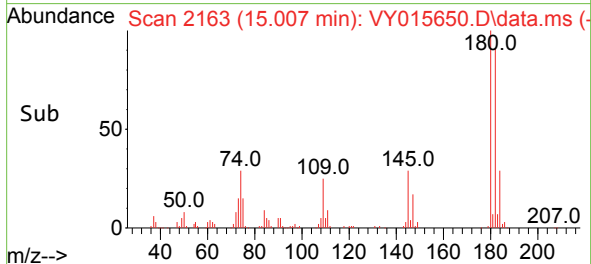
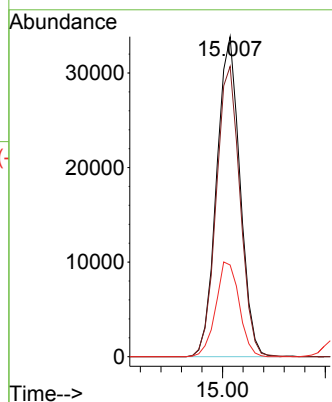
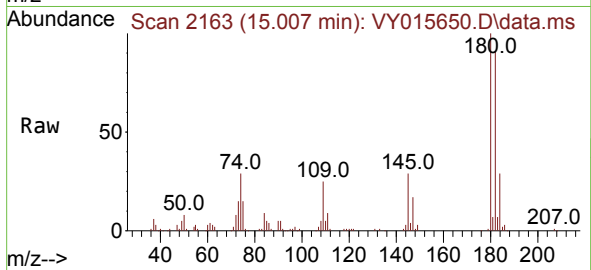
Tgt Ion:180 Resp: 53358

Ion Ratio Lower Upper

180 100

182 92.1 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.933 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

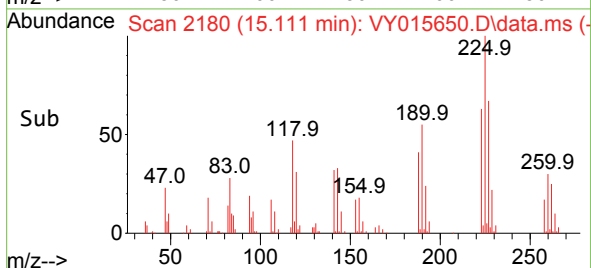
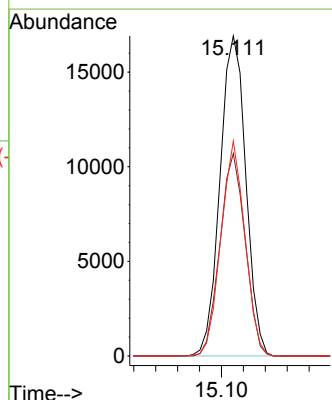
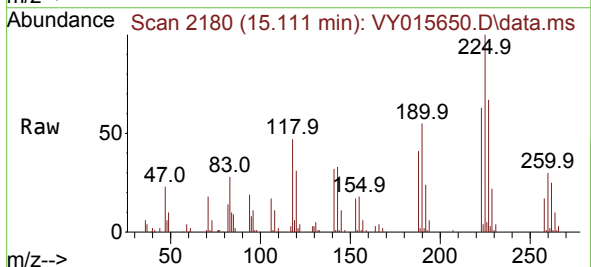
Tgt Ion:225 Resp: 27663

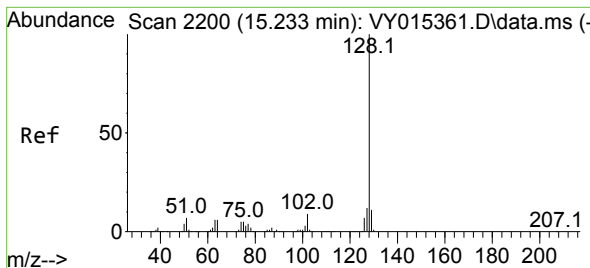
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 20.721 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

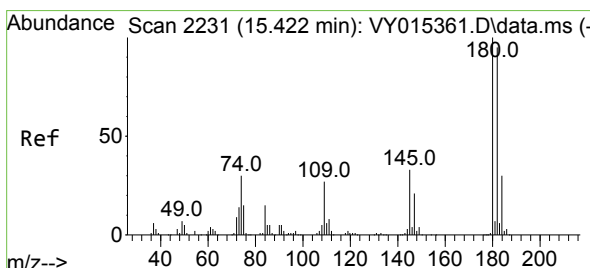
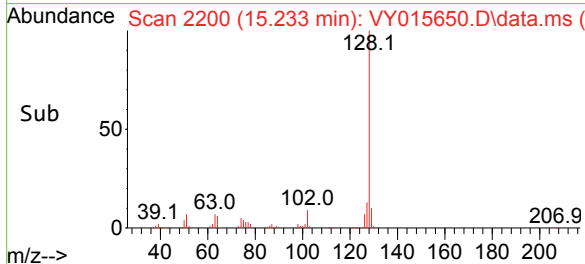
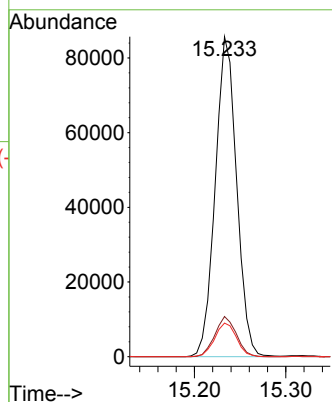
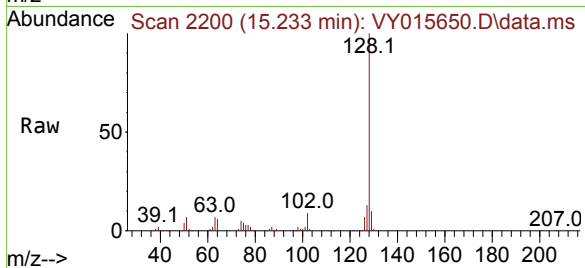
Tgt Ion:128 Resp: 139429

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.731 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Tgt Ion:180 Resp: 49377

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 32.0 15.4 46.2

