

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016354.D
 Acq On : 15 Nov 2023 08:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 15 23:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	157983	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	250436	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	215256	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	97691	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	67770	46.935	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.880%
35) Dibromofluoromethane	7.746	113	72826	51.191	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.203	98	285199	49.436	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.502	95	91602	48.888	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	73036	47.214	ug/l	98
3) Chloromethane	2.131	50	83416	46.043	ug/l	98
4) Vinyl Chloride	2.272	62	90571	46.492	ug/l	98
5) Bromomethane	2.674	94	55886	43.652	ug/l	97
6) Chloroethane	2.820	64	58982	47.448	ug/l	99
7) Trichlorofluoromethane	3.150	101	145241	51.245	ug/l	98
8) Diethyl Ether	3.558	74	40918	48.304	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.930	101	86541	50.695	ug/l	95
10) Methyl Iodide	4.125	142	92826	50.348	ug/l	98
11) Tert butyl alcohol	4.978	59	20605	182.234	ug/l #	77
12) 1,1-Dichloroethene	3.899	96	81778	51.224	ug/l	87
13) Acrolein	3.753	56	26752	196.156	ug/l	99
14) Allyl chloride	4.515	41	111300	49.128	ug/l #	92
15) Acrylonitrile	5.198	53	79193	235.577	ug/l	98
16) Acetone	3.973	43	64026	268.071	ug/l	90
17) Carbon Disulfide	4.229	76	234863	48.758	ug/l	98
18) Methyl Acetate	4.509	43	62673	49.383	ug/l #	90
19) Methyl tert-butyl Ether	5.253	73	184908	47.854	ug/l	97
20) Methylene Chloride	4.753	84	85300	50.597	ug/l	89
21) trans-1,2-Dichloroethene	5.259	96	92389	50.262	ug/l	91
22) Diisopropyl ether	6.149	45	239365	49.026	ug/l	88
23) Vinyl Acetate	6.094	43	556543	235.249	ug/l #	93
24) 1,1-Dichloroethane	6.051	63	152090	50.494	ug/l	96
25) 2-Butanone	7.015	43	97353	232.713	ug/l #	86
26) 2,2-Dichloropropane	7.015	77	140514	51.256	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	99243	50.099	ug/l	92
28) Bromochloromethane	7.362	49	56695	50.858	ug/l	87
29) Tetrahydrofuran	7.374	42	62494	226.011	ug/l	90
30) Chloroform	7.533	83	160700	51.256	ug/l	99
31) Cyclohexane	7.813	56	135344	47.610	ug/l	92
32) 1,1,1-Trichloroethane	7.728	97	150522	52.375	ug/l	98
36) 1,1-Dichloropropene	7.947	75	127145	51.470	ug/l	99
37) Ethyl Acetate	7.100	43	45175	45.261	ug/l #	95
38) Carbon Tetrachloride	7.929	117	136842	53.375	ug/l	99
39) Methylcyclohexane	9.209	83	156853	50.958	ug/l	91
40) Benzene	8.185	78	355967	51.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	23877	47.444	ug/l	95
42) 1,2-Dichloroethane	8.264	62	90531	50.344	ug/l	94
43) Isopropyl Acetate	8.295	43	88519	45.881	ug/l #	90
44) Trichloroethene	8.966	130	102292	51.283	ug/l	95
45) 1,2-Dichloropropane	9.240	63	85174	51.101	ug/l	97
46) Dibromomethane	9.331	93	45308	50.162	ug/l	97
47) Bromodichloromethane	9.520	83	119687	51.542	ug/l	99
48) Methyl methacrylate	9.313	41	50099	46.985	ug/l #	84
49) 1,4-Dioxane	9.325	88	8398	875.782	ug/l #	63
51) 4-Methyl-2-Pentanone	10.093	43	227459	233.143	ug/l	91
52) Toluene	10.264	92	227366	51.825	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	114580	50.899	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	137585	51.172	ug/l #	87
55) 1,1,2-Trichloroethane	10.666	97	63570	51.063	ug/l	95
56) Ethyl methacrylate	10.532	69	57640	49.048	ug/l #	84
57) 1,3-Dichloropropane	10.813	76	107679	50.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	198225	248.761	ug/l	93
59) 2-Hexanone	10.849	43	164196	226.262	ug/l	88
60) Dibromochloromethane	11.008	129	81561	52.384	ug/l	100
61) 1,2-Dibromoethane	11.112	107	59616	50.264	ug/l	99
64) Tetrachloroethene	10.740	164	102398	52.979	ug/l	95
65) Chlorobenzene	11.538	112	236849	51.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	88859	52.385	ug/l	99
67) Ethyl Benzene	11.611	91	437377	52.918	ug/l	99
68) m/p-Xylenes	11.721	106	328577	104.813	ug/l	94
69) o-Xylene	12.050	106	152459	52.380	ug/l	97
70) Styrene	12.063	104	221180	53.070	ug/l	98
71) Bromoform	12.227	173	45715	51.939	ug/l #	99
73) Isopropylbenzene	12.349	105	421219	53.246	ug/l	99
74) N-amyl acetate	12.160	43	72506	45.630	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.599	83	63196	49.784	ug/l	100
76) 1,2,3-Trichloropropane	12.654	75	84228	89.878	ug/l #	100
77) Bromobenzene	12.630	156	93101	52.072	ug/l	94
78) n-propylbenzene	12.691	91	495716	53.024	ug/l	99
79) 2-Chlorotoluene	12.776	91	267928	52.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	340581	53.399	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	21493	49.782	ug/l	91
82) 4-Chlorotoluene	12.873	91	278030	52.224	ug/l	99
83) tert-Butylbenzene	13.093	119	295895	52.670	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	330998	52.705	ug/l	98
85) sec-Butylbenzene	13.270	105	427522	53.268	ug/l	100
86) p-Isopropyltoluene	13.385	119	369753	53.503	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	179258	52.113	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	173617	51.646	ug/l	99
89) n-Butylbenzene	13.715	91	339770	53.237	ug/l	97
90) Hexachloroethane	13.977	117	70808	53.114	ug/l	90
91) 1,2-Dichlorobenzene	13.757	146	149299	50.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8771	43.429	ug/l	84
93) 1,2,4-Trichlorobenzene	15.025	180	85583	49.743	ug/l	98
94) Hexachlorobutadiene	15.129	225	51167	51.910	ug/l	99
95) Naphthalene	15.257	128	146115	47.484	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	68451	48.102	ug/l	99

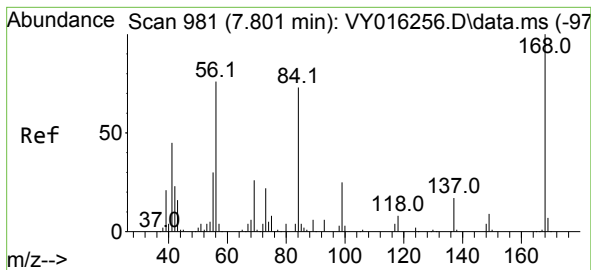
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.819 min Scan# 9

Delta R.T. 0.018 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

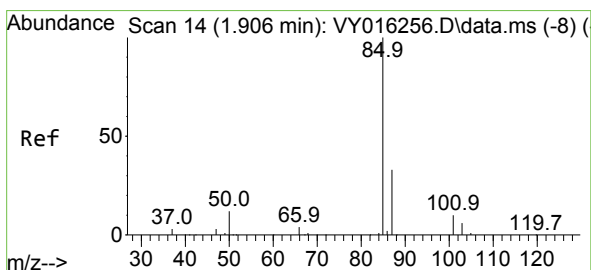
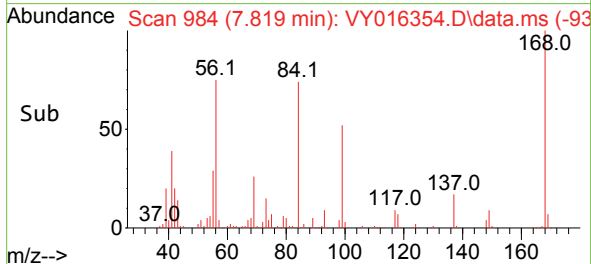
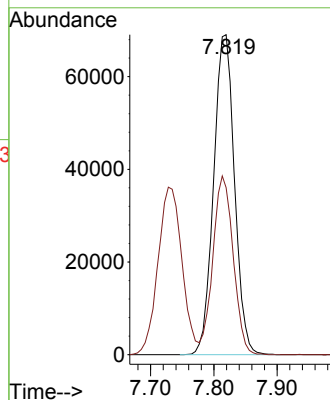
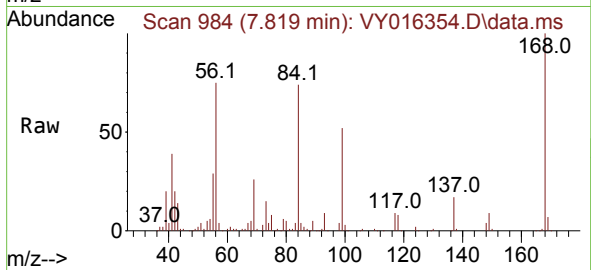
ClientSampleId :

Tgt Ion:168 Resp: 157983

Ion Ratio Lower Upper

168 100

99 52.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 47.214 ug/l

RT: 1.918 min Scan# 16

Delta R.T. 0.012 min

Lab File: VY016354.D

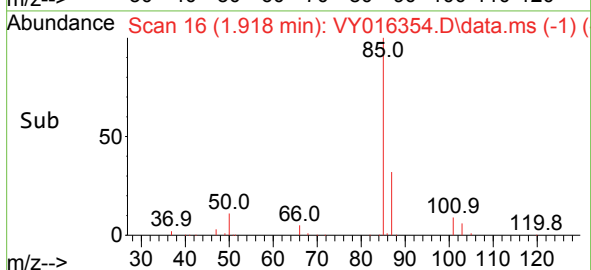
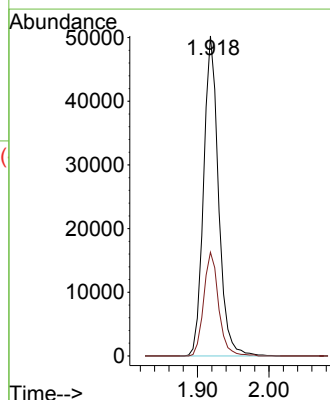
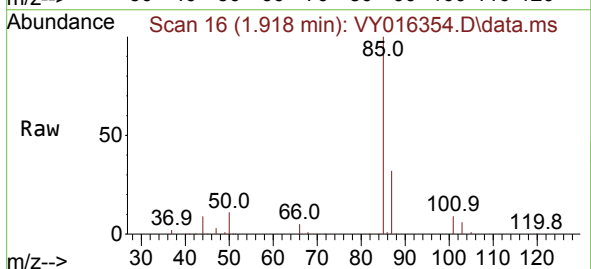
Acq: 15 Nov 2023 08:36

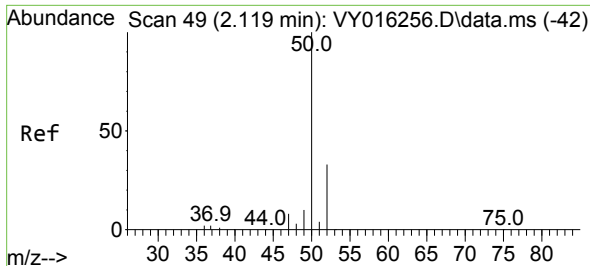
Tgt Ion: 85 Resp: 73036

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8

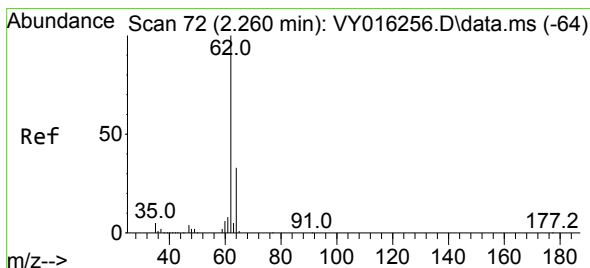
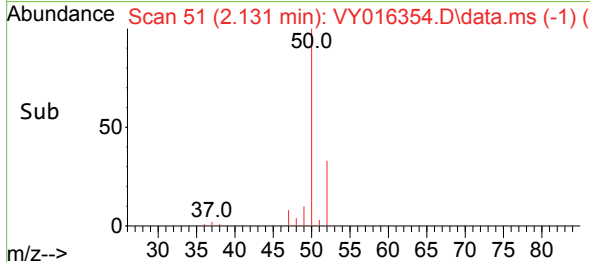
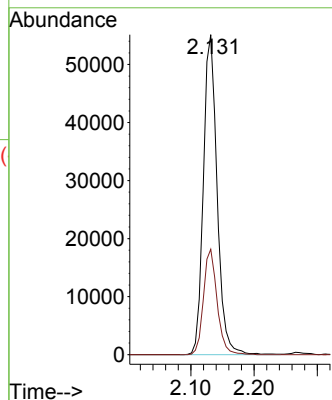
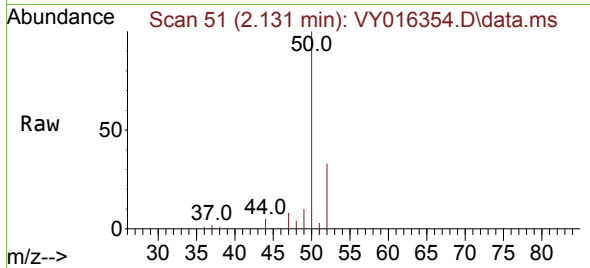




#3
Chloromethane
Concen: 46.043 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

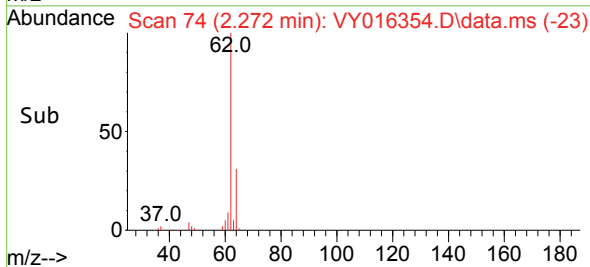
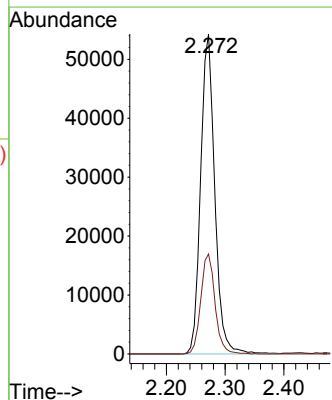
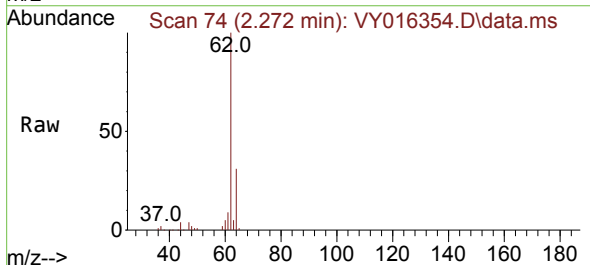
Instrument :
MSVOA_Y
ClientSampleId :

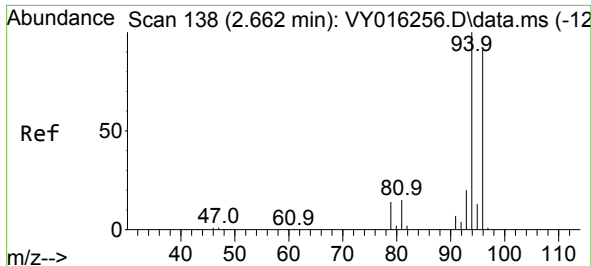
Tgt Ion: 50 Resp: 83416
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 46.492 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 62 Resp: 90571
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5

Bromomethane

Concen: 43.652 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

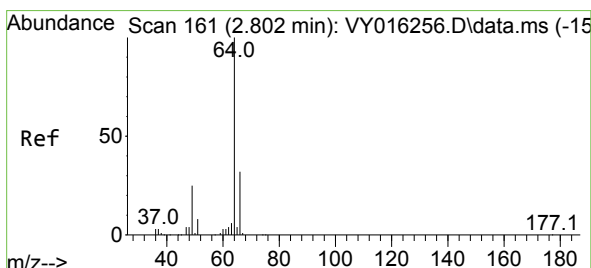
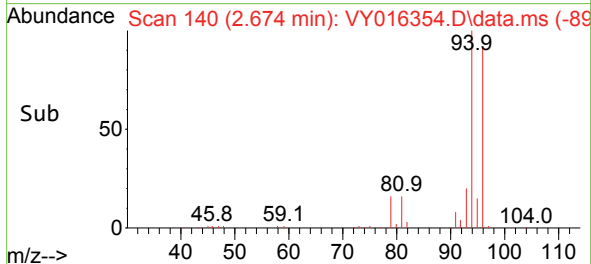
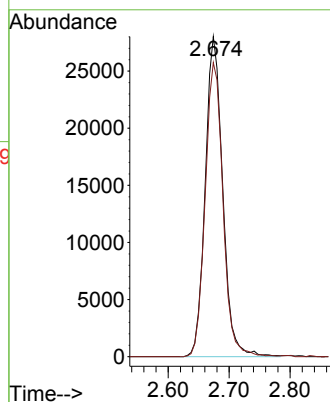
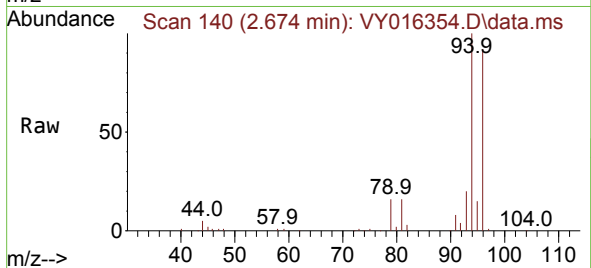
ClientSampleId :

Tgt Ion: 94 Resp: 55886

Ion Ratio Lower Upper

94 100

96 91.9 75.8 113.6



#6

Chloroethane

Concen: 47.448 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.018 min

Lab File: VY016354.D

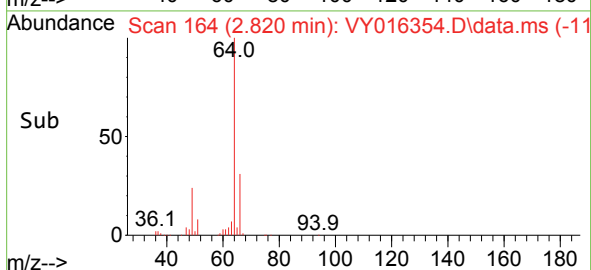
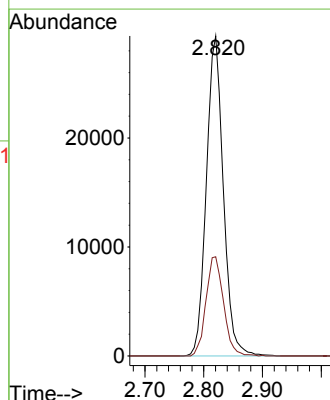
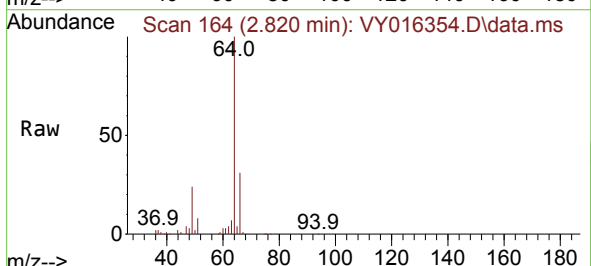
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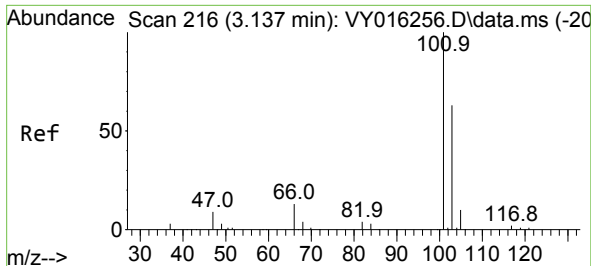
Tgt Ion: 64 Resp: 58982

Ion Ratio Lower Upper

64 100

66 31.0 24.4 36.6

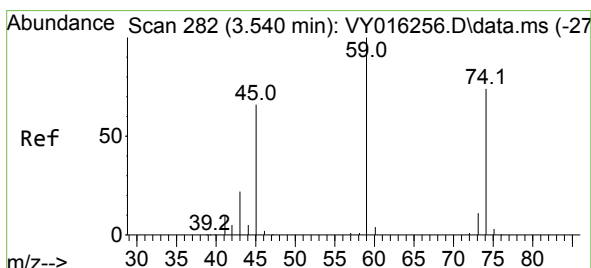
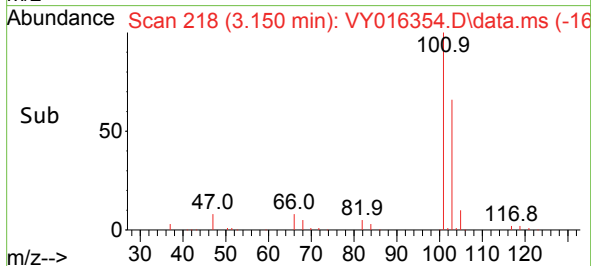
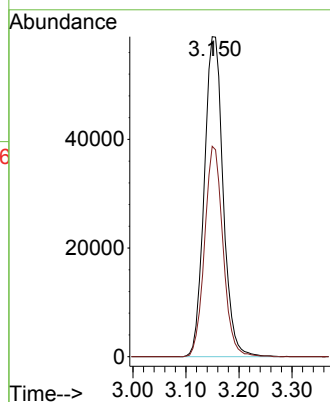
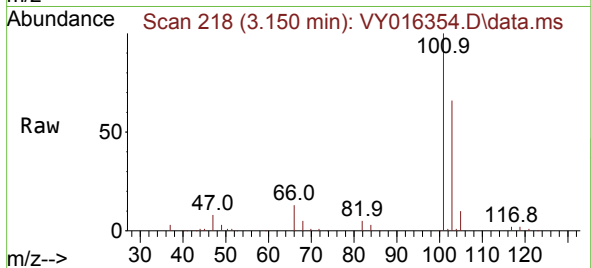




#7
 Trichlorofluoromethane
 Concen: 51.245 ug/l
 RT: 3.150 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016354.D
 Acq: 15 Nov 2023 08:36

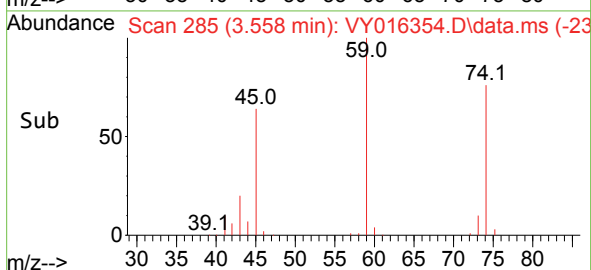
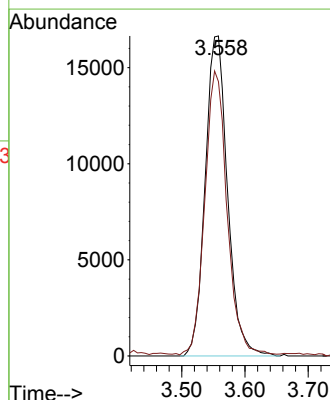
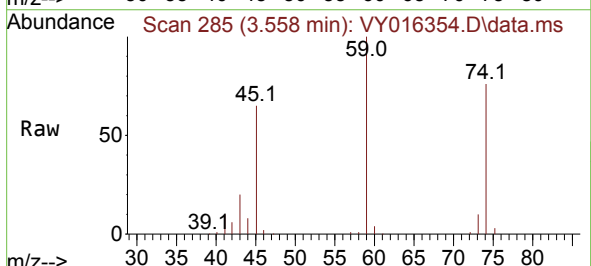
Instrument :
 MSVOA_Y
 ClientSampleId :

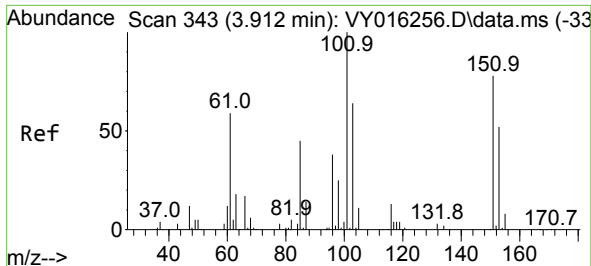
Tgt Ion:101 Resp: 145241
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.304 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY016354.D
 Acq: 15 Nov 2023 08:36

Tgt Ion: 74 Resp: 40918
 Ion Ratio Lower Upper
 74 100
 45 87.4 51.5 154.5

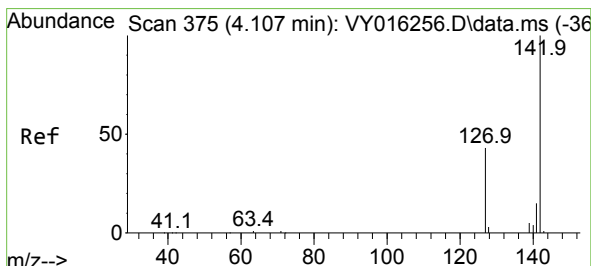
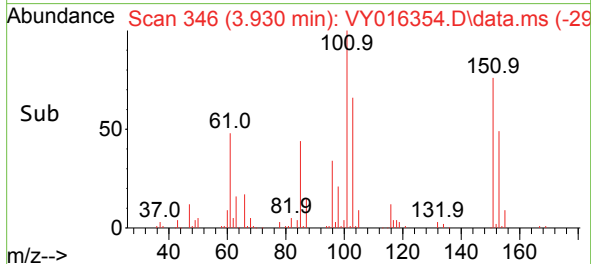
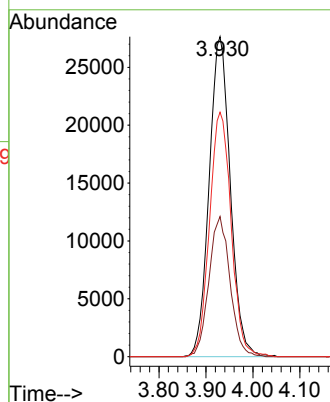
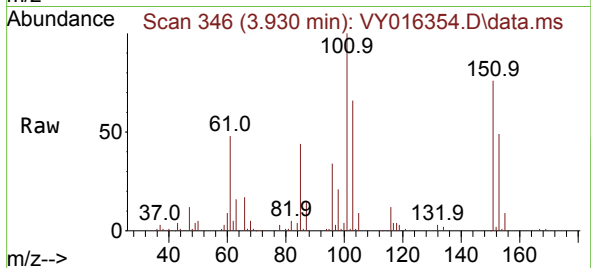




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.695 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

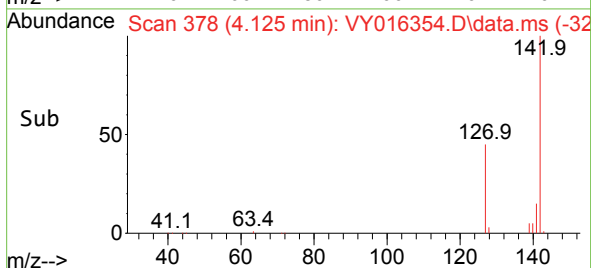
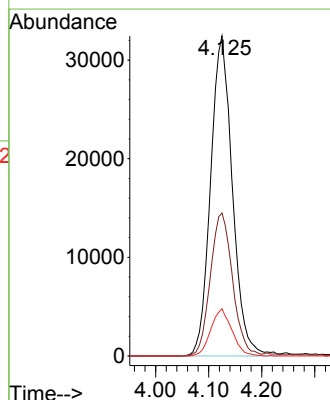
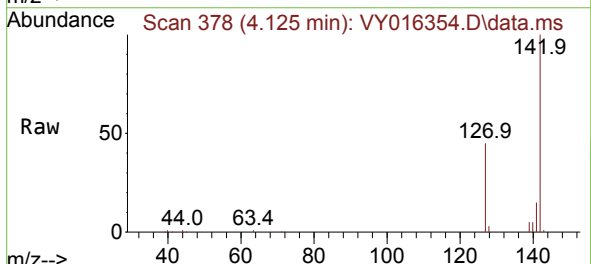
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 86541
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 78.2 67.0 100.6



#10
Methyl Iodide
Concen: 50.348 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

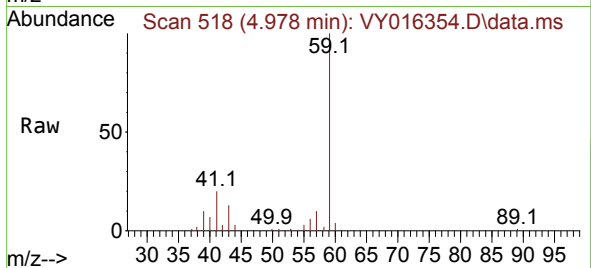
Tgt Ion:142 Resp: 92826
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.2 11.8 17.8



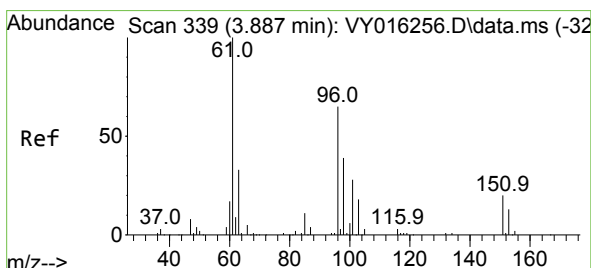
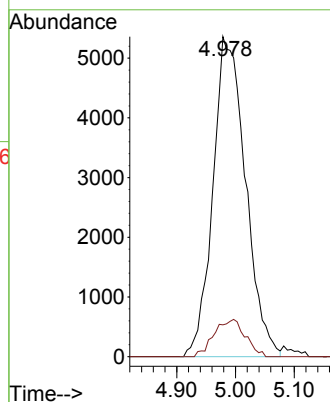
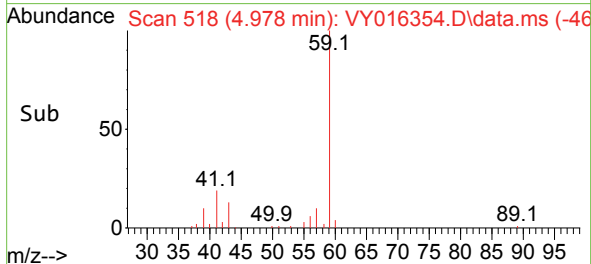


#11
Tert butyl alcohol
Concen: 182.234 ug/l
RT: 4.978 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

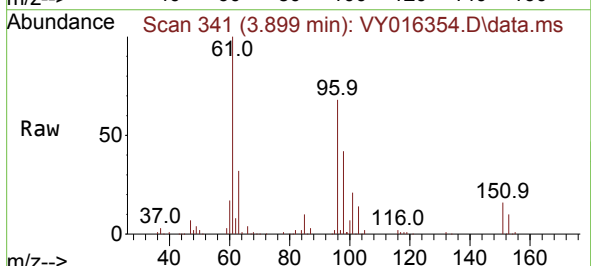
Instrument :
MSVOA_Y
ClientSampleId :



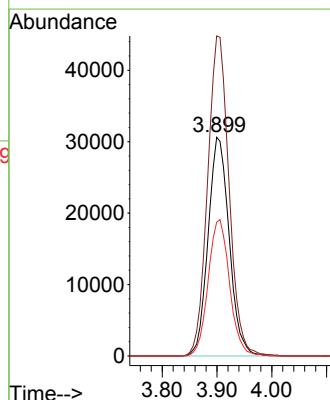
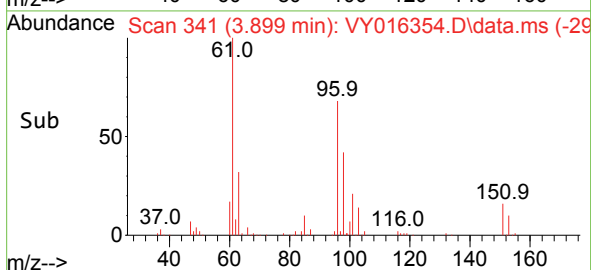
Tgt Ion: 59 Resp: 20605
Ion Ratio Lower Upper
59 100
57 11.2 3.0 4.4#

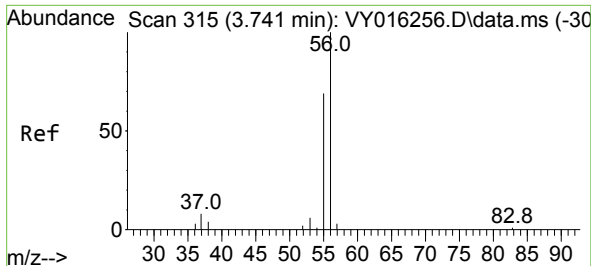


#12
1,1-Dichloroethene
Concen: 51.224 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36



Tgt Ion: 96 Resp: 81778
Ion Ratio Lower Upper
96 100
61 146.3 136.4 204.6
98 61.2 49.4 74.2





#13

Acrolein

Concen: 196.156 ug/l

RT: 3.753 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

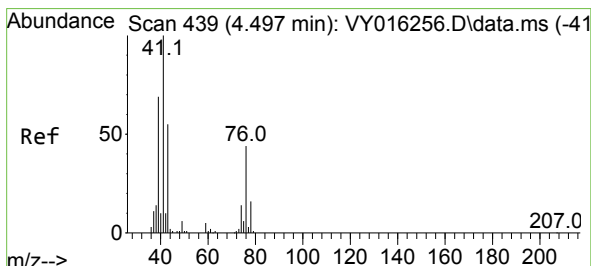
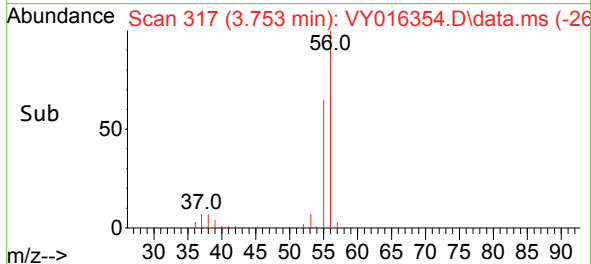
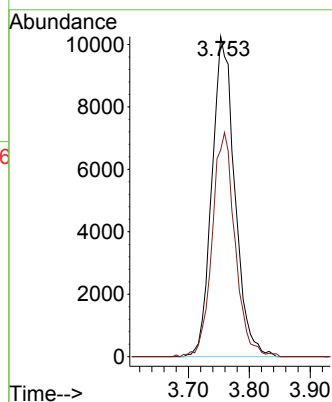
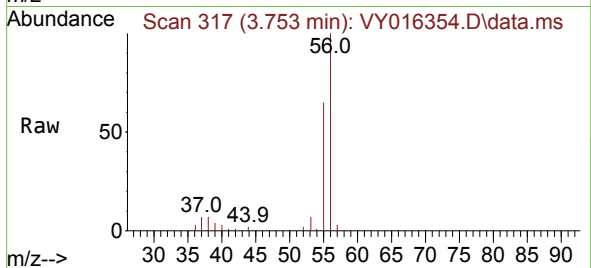
ClientSampleId :

Tgt Ion: 56 Resp: 26752

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 49.128 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

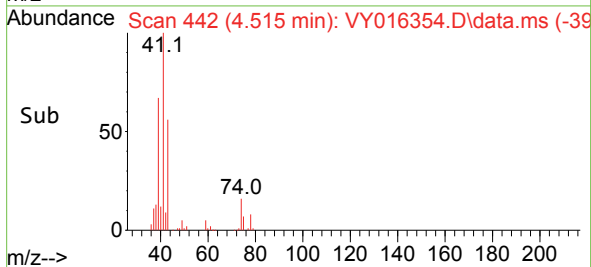
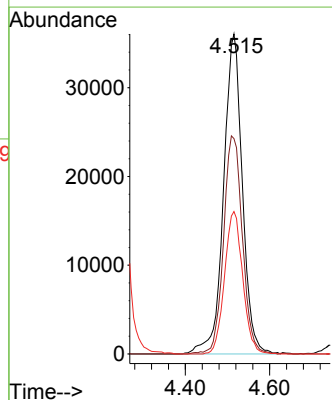
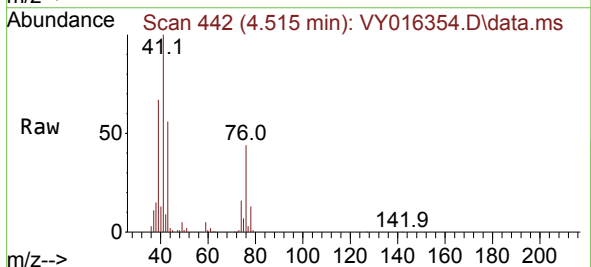
Tgt Ion: 41 Resp: 111300

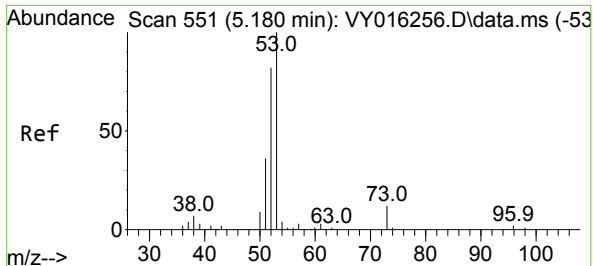
Ion Ratio Lower Upper

41 100

39 68.2 58.0 87.0

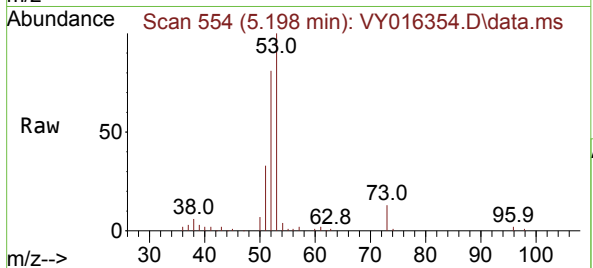
76 43.0 27.4 41.2#



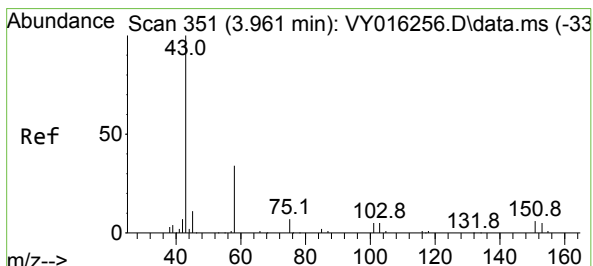
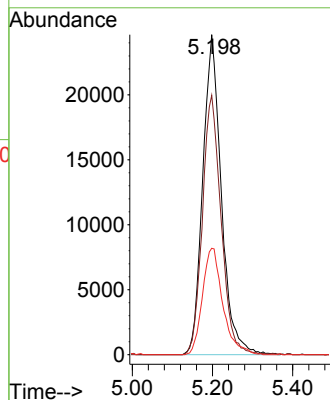
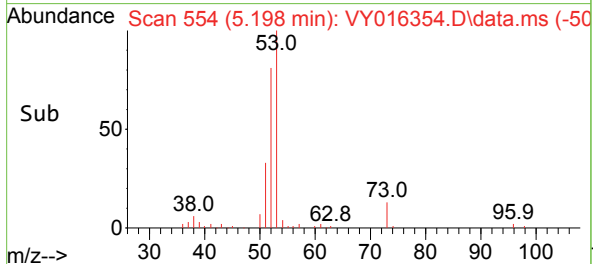


#15
Acrylonitrile
Concen: 235.577 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Instrument :
MSVOA_Y
ClientSampleId :

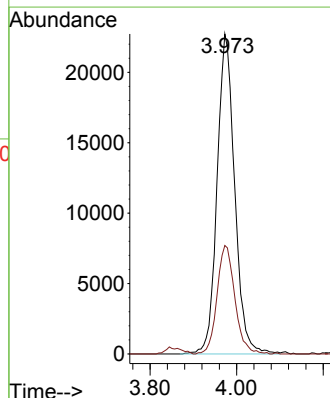
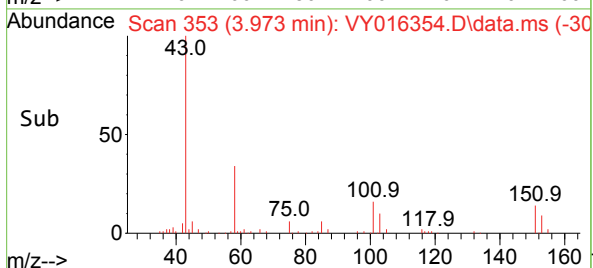
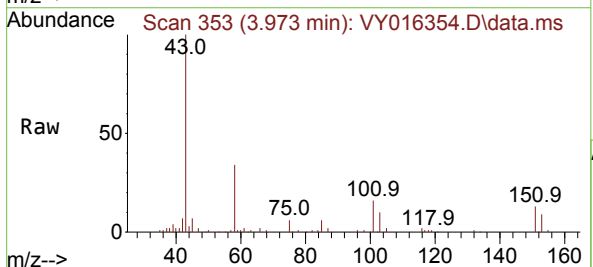


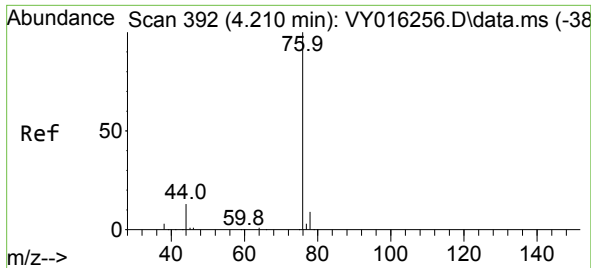
Tgt Ion:	53	Resp:	79193
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.9	100.3
51	36.5	29.8	44.6



#16
Acetone
Concen: 268.071 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion:	43	Resp:	64026
Ion	Ratio	Lower	Upper
43	100		
58	33.9	22.7	34.1





#17

Carbon Disulfide

Concen: 48.758 ug/l

RT: 4.229 min Scan# 392

Delta R.T. 0.018 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

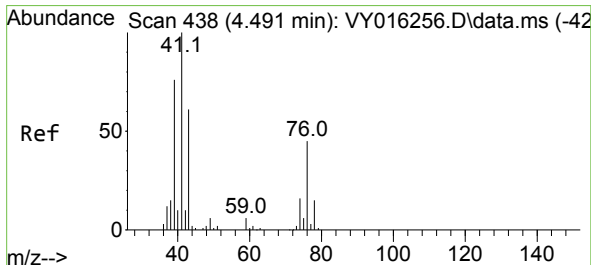
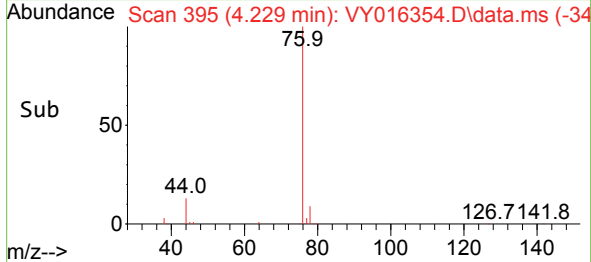
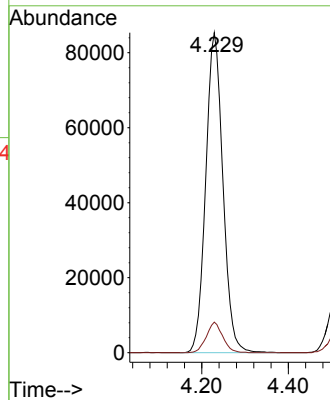
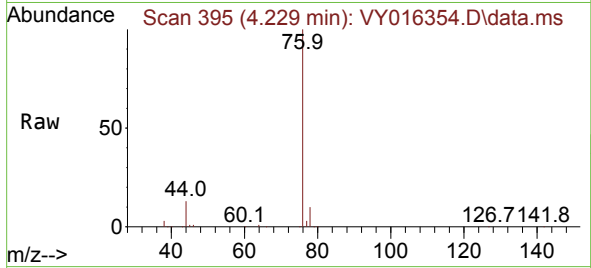
ClientSampleId :

Tgt Ion: 76 Resp: 234863

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#18

Methyl Acetate

Concen: 49.383 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.018 min

Lab File: VY016354.D

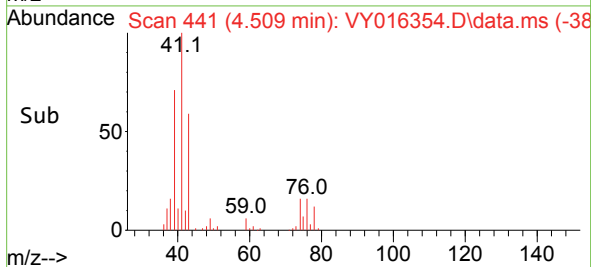
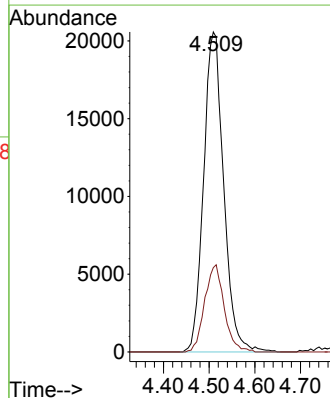
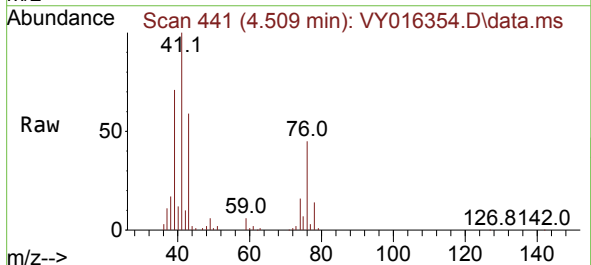
Acq: 15 Nov 2023 08:36

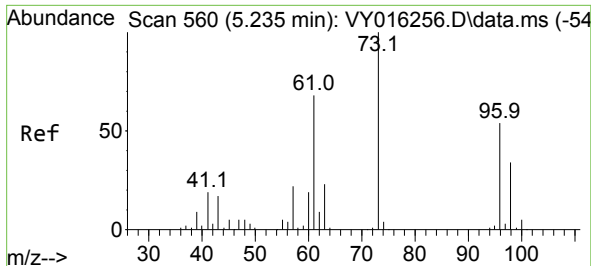
Tgt Ion: 43 Resp: 62673

Ion Ratio Lower Upper

43 100

74 26.6 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 47.854 ug/l

RT: 5.253 min Scan# 50

Delta R.T. 0.018 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

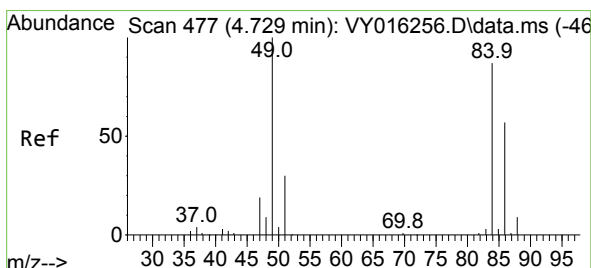
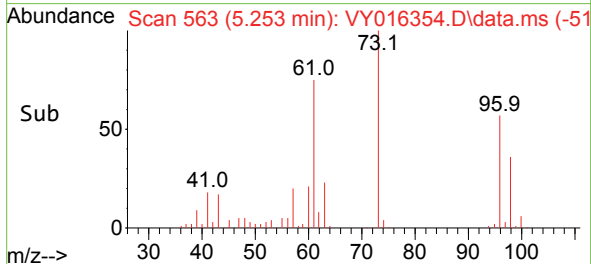
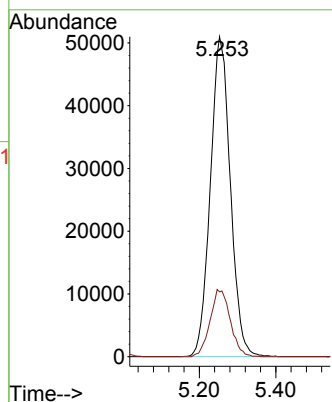
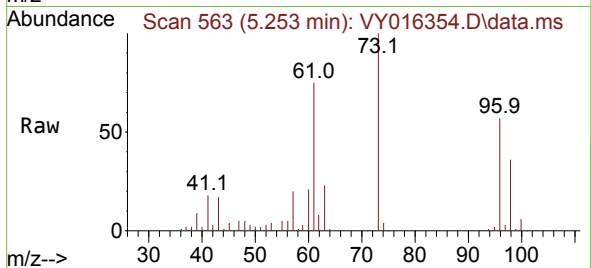
ClientSampleId :

Tgt Ion: 73 Resp: 184908

Ion Ratio Lower Upper

73 100

57 20.2 17.3 25.9



#20

Methylene Chloride

Concen: 50.597 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.024 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Tgt Ion: 84 Resp: 85300

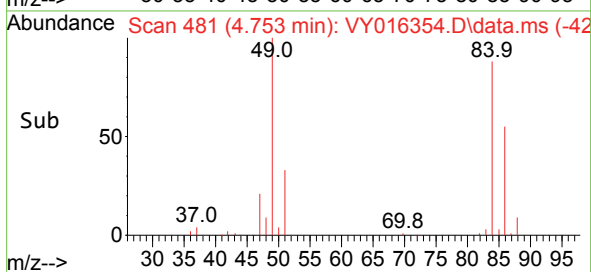
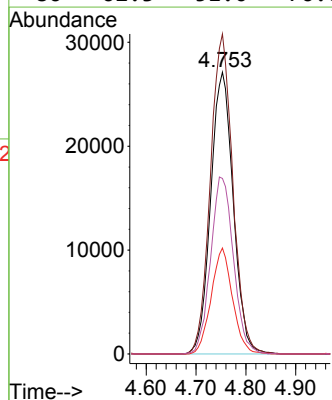
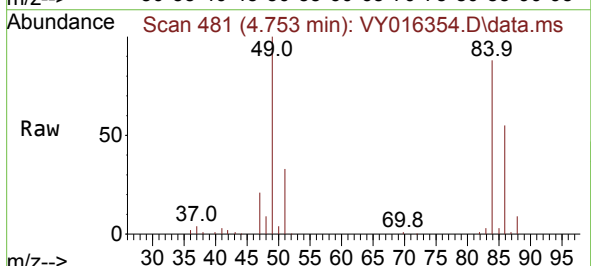
Ion Ratio Lower Upper

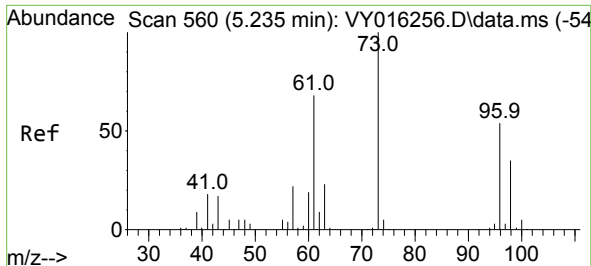
84 100

49 113.6 106.9 160.3

51 37.6 33.2 49.8

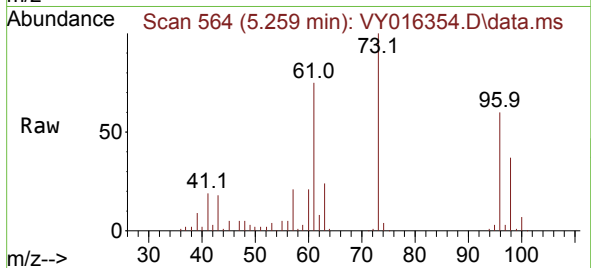
86 62.3 51.0 76.6



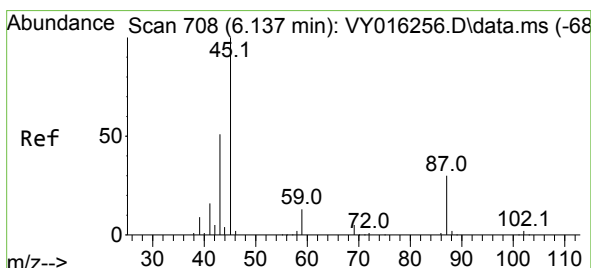
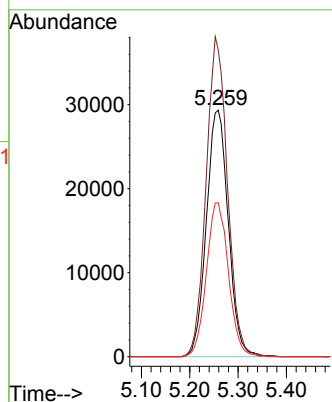
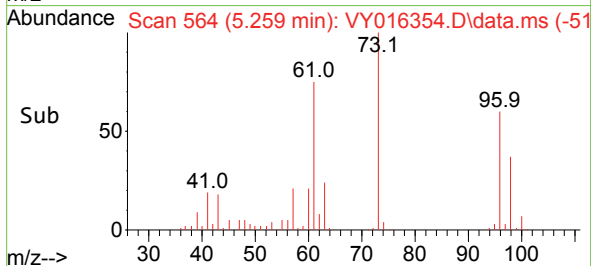


#21
trans-1,2-Dichloroethene
Concen: 50.262 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

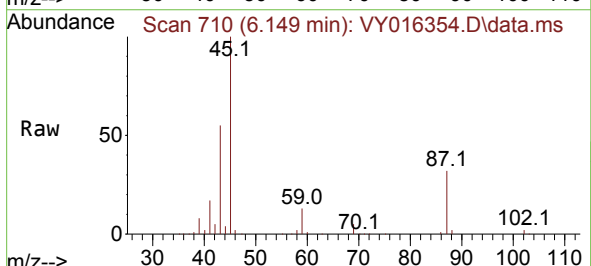
Instrument :
MSVOA_Y
ClientSampleId :



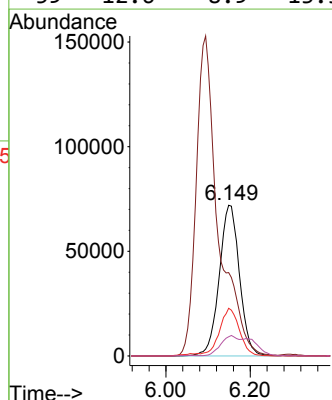
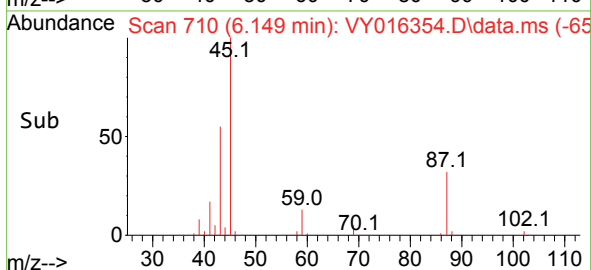
Tgt Ion: 96 Resp: 92389
Ion Ratio Lower Upper
96 100
61 124.3 110.2 165.4
98 62.4 51.8 77.6

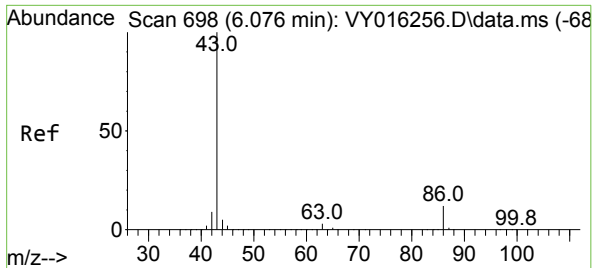


#22
Diisopropyl ether
Concen: 49.026 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36



Tgt Ion: 45 Resp: 239365
Ion Ratio Lower Upper
45 100
43 54.7 52.2 78.4
87 31.5 21.0 31.6
59 12.6 8.9 13.3

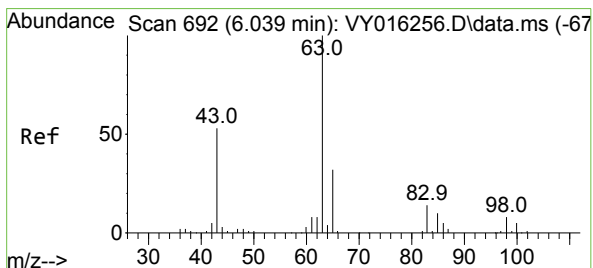
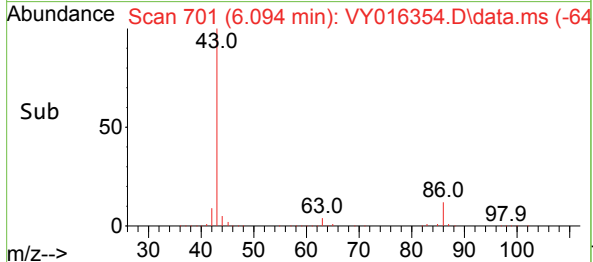
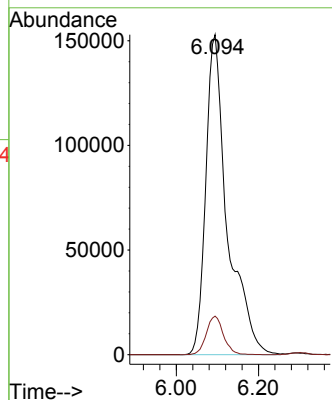
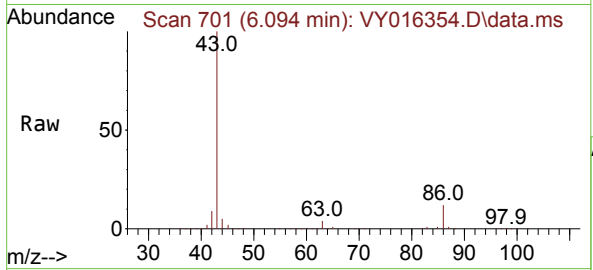




#23
 Vinyl Acetate
 Concen: 235.249 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016354.D
 Acq: 15 Nov 2023 08:36

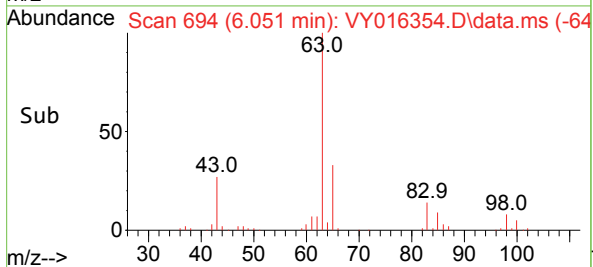
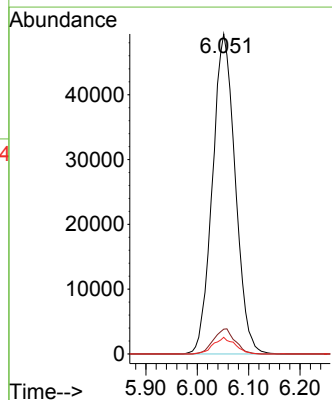
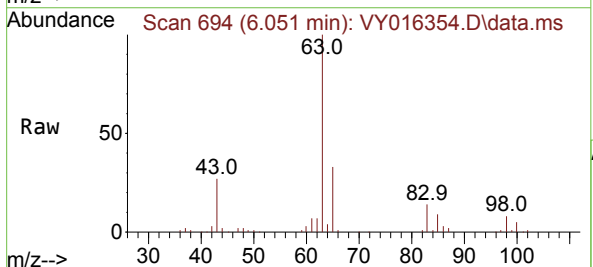
Instrument :
 MSVOA_Y
 ClientSampleId :

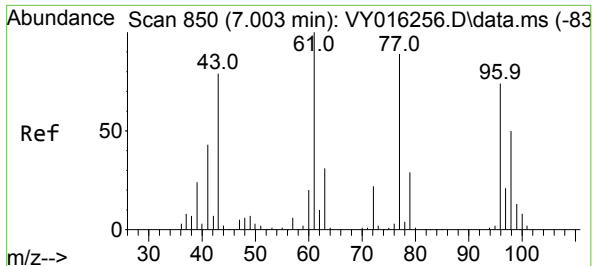
Tgt Ion: 43 Resp: 556543
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.494 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY016354.D
 Acq: 15 Nov 2023 08:36

Tgt Ion: 63 Resp: 152090
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 232.713 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

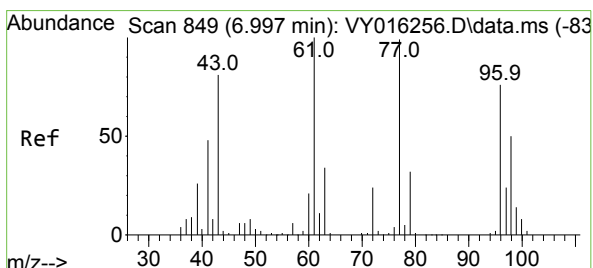
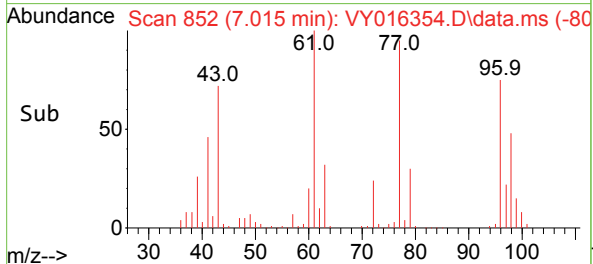
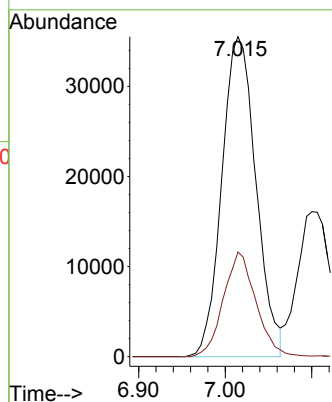
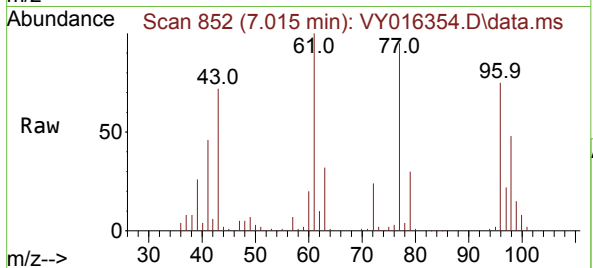
ClientSampleId :

Tgt Ion: 43 Resp: 97353

Ion Ratio Lower Upper

43 100

72 32.7 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 51.256 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016354.D

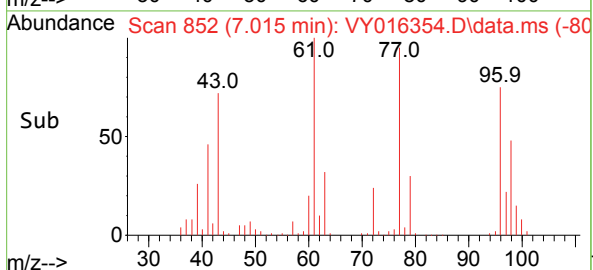
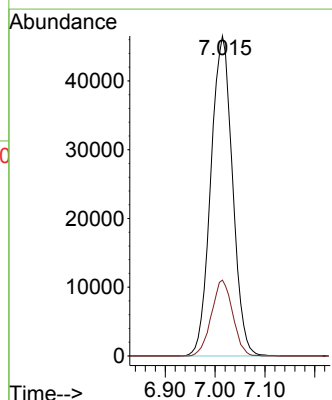
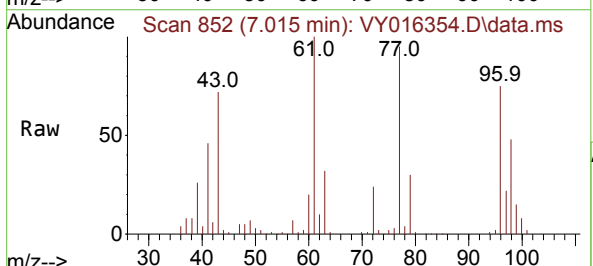
Acq: 15 Nov 2023 08:36

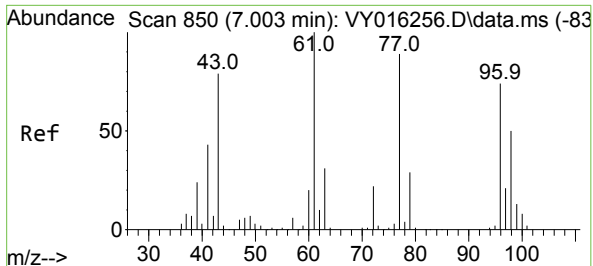
Tgt Ion: 77 Resp: 140514

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.099 ug/l

RT: 7.015 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

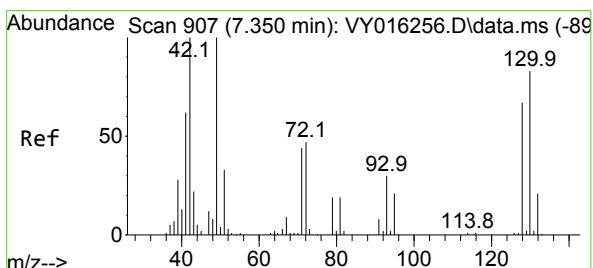
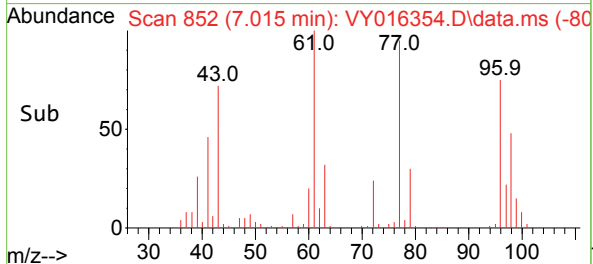
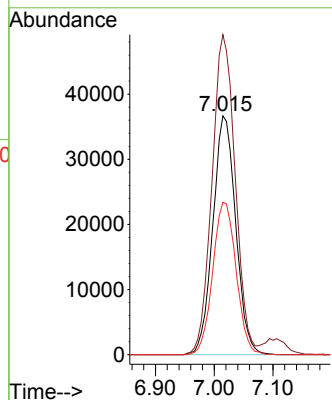
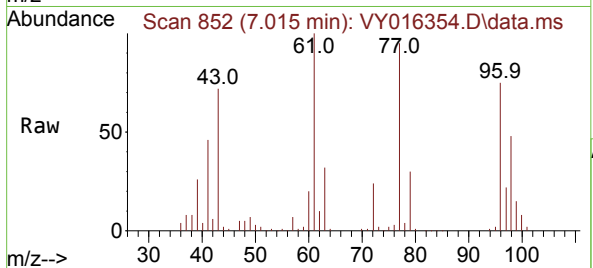
Tgt Ion: 96 Resp: 99243

Ion Ratio Lower Upper

96 100

61 136.1 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 50.858 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

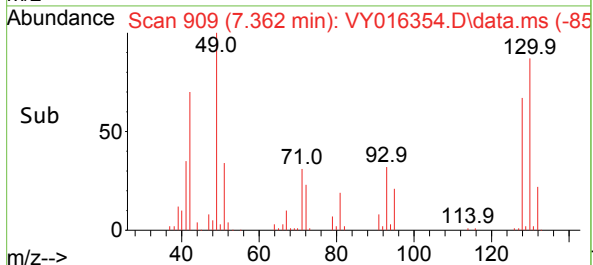
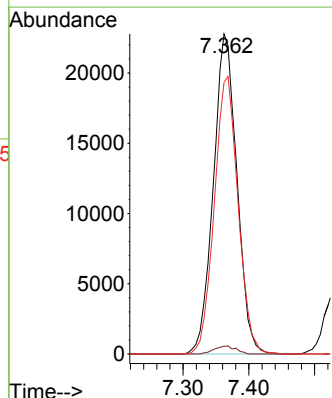
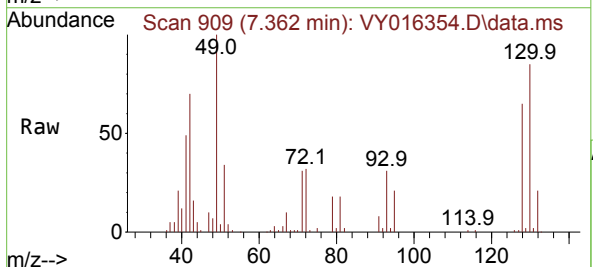
Tgt Ion: 49 Resp: 56695

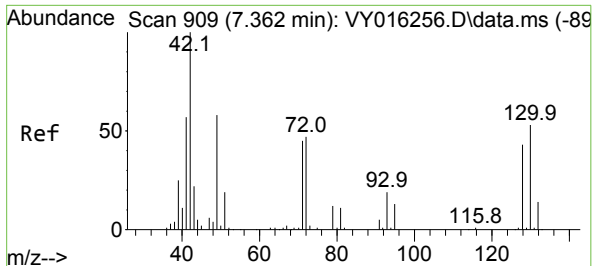
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

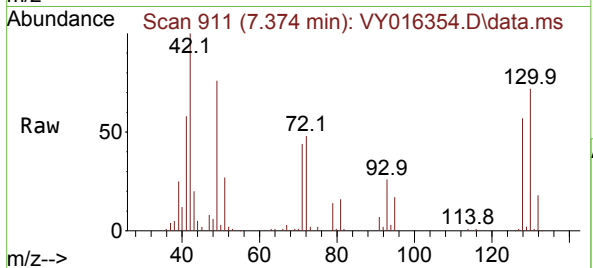
130 87.5 60.7 91.1



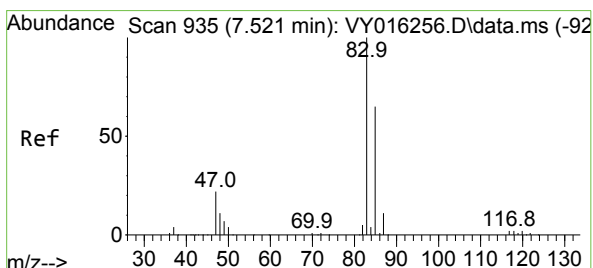
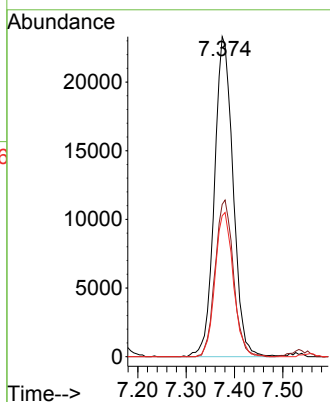
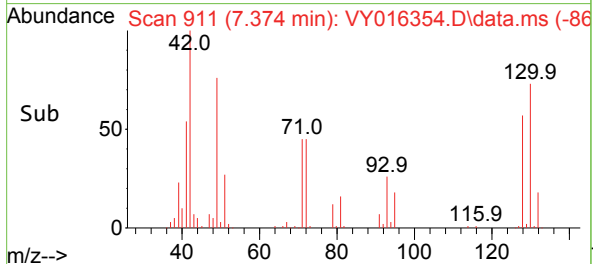


#29
Tetrahydrofuran
Concen: 226.011 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Instrument :
MSVOA_Y
ClientSampleId :

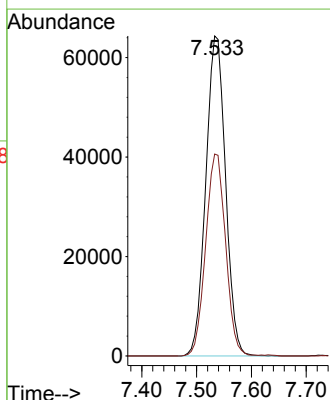
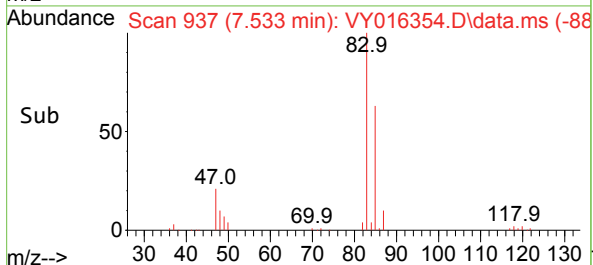
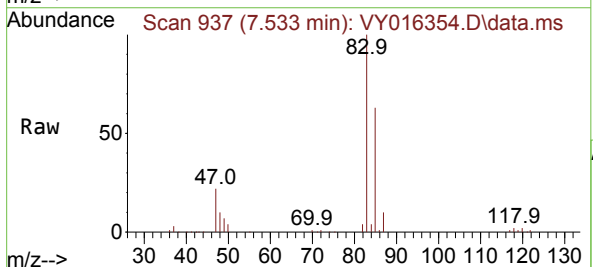


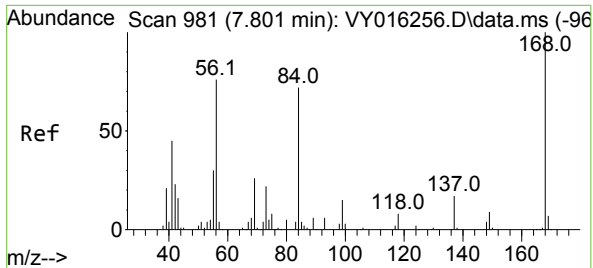
Tgt Ion: 42 Resp: 62494
Ion Ratio Lower Upper
42 100
72 48.0 32.8 49.2
71 44.2 31.0 46.4



#30
Chloroform
Concen: 51.256 ug/l
RT: 7.533 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

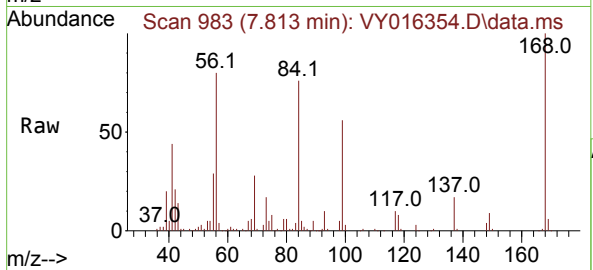
Tgt Ion: 83 Resp: 160700
Ion Ratio Lower Upper
83 100
85 63.1 49.7 74.5



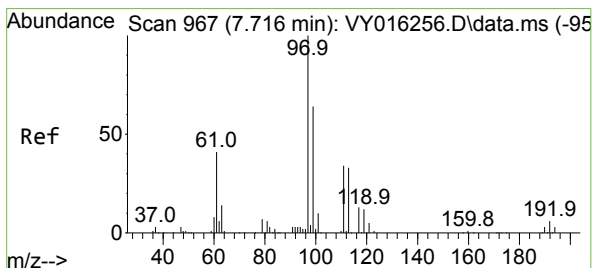
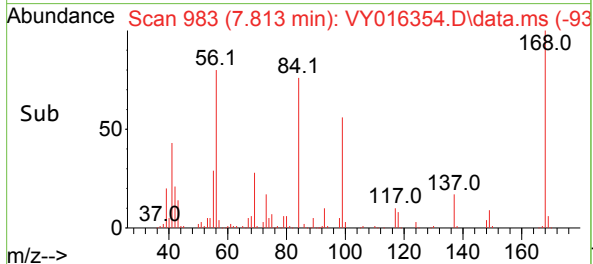
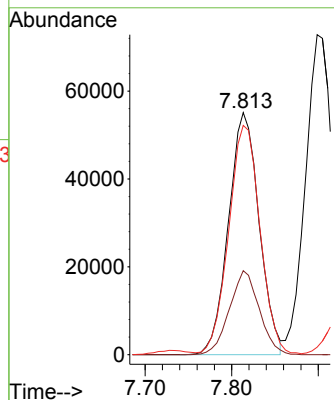


#31
Cyclohexane
Concen: 47.610 ug/l
RT: 7.813 min Scan# 913
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Instrument :
MSVOA_Y
ClientSampleId :

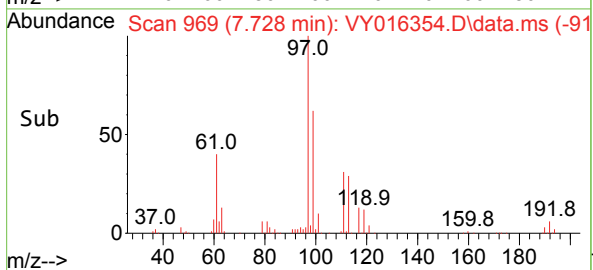
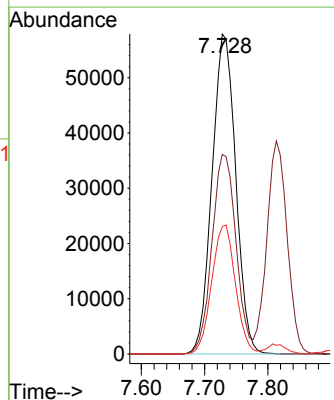
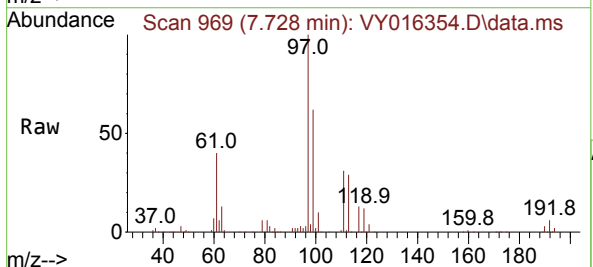


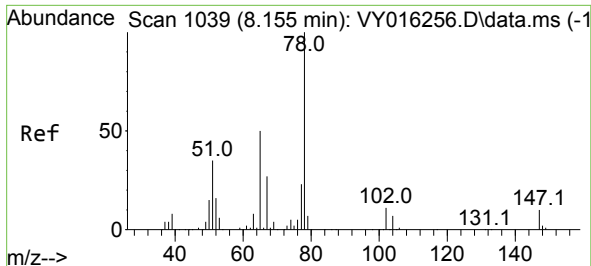
Tgt Ion: 56 Resp: 135344
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.6
84 93.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.375 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 97 Resp: 150522
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 40.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.935 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

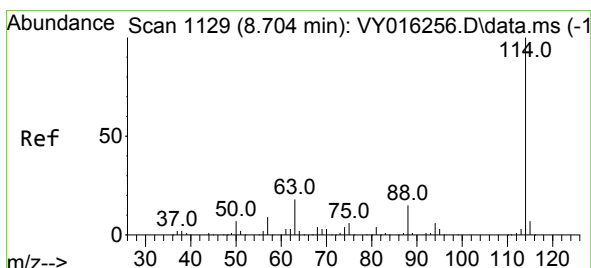
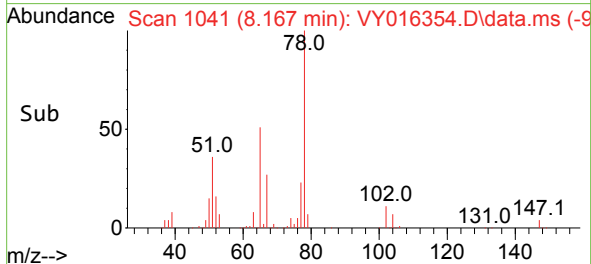
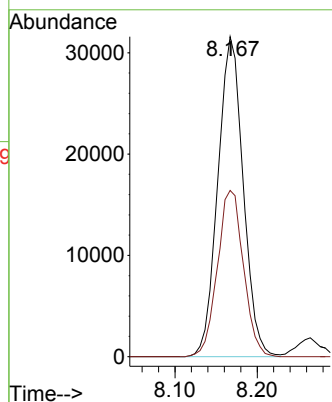
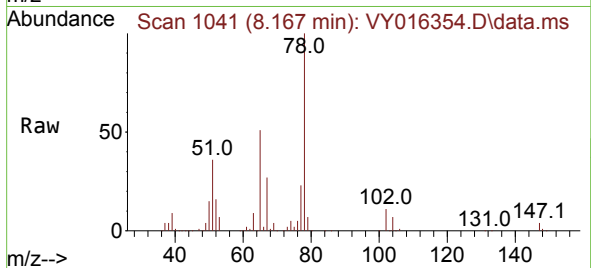
ClientSampleId :

Tgt Ion: 65 Resp: 67770

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

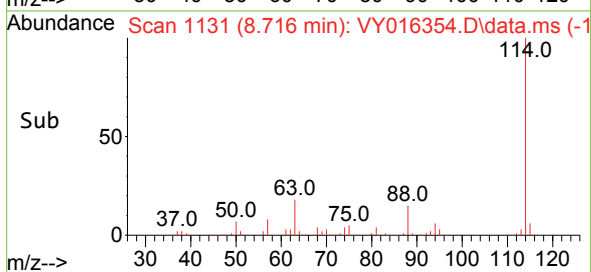
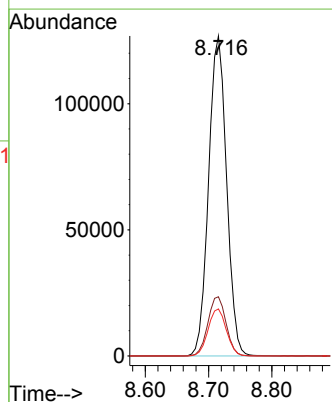
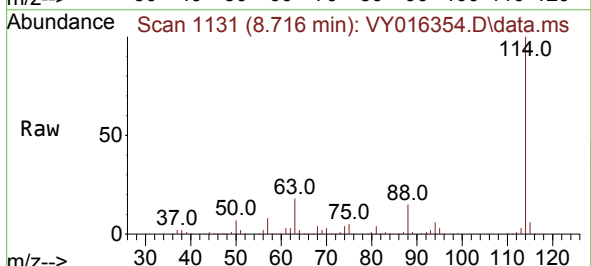
Tgt Ion: 114 Resp: 250436

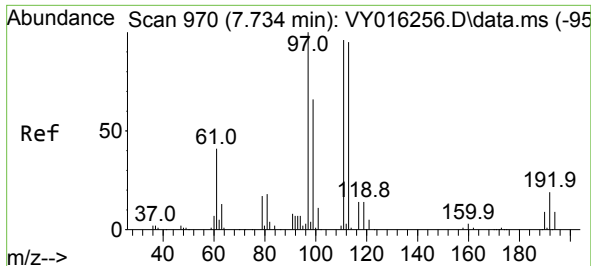
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

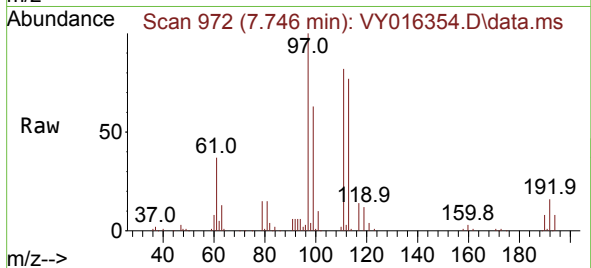
88 14.7 0.0 30.6



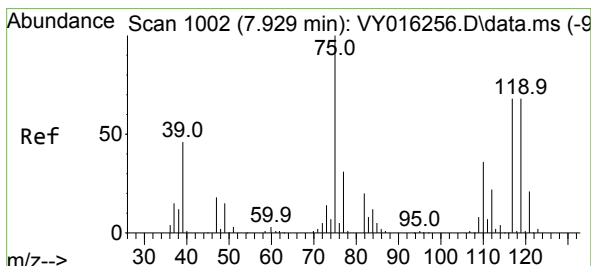
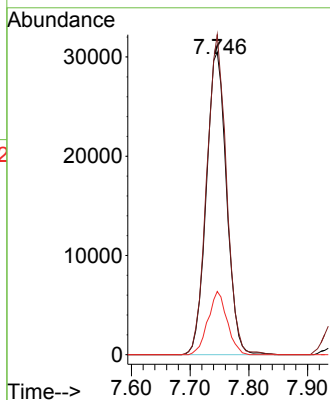
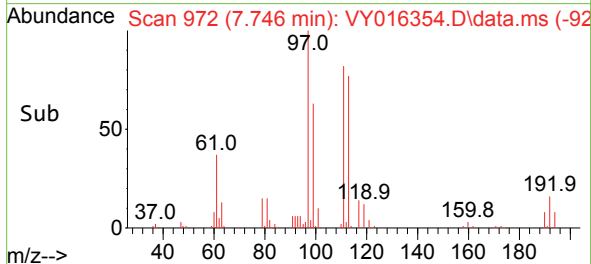


#35
Dibromofluoromethane
Concen: 51.191 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

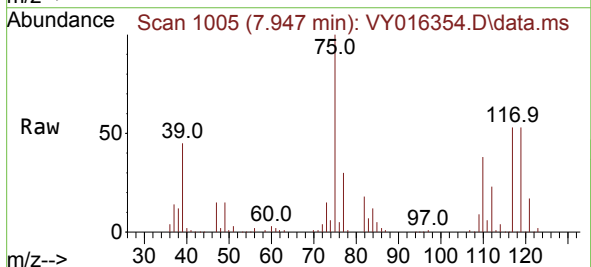
Instrument :
MSVOA_Y
ClientSampleId :



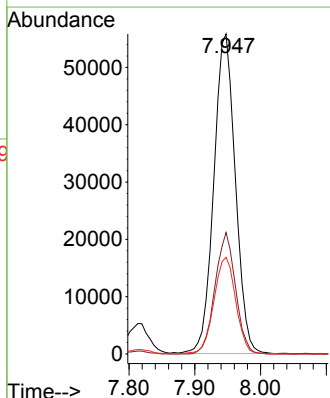
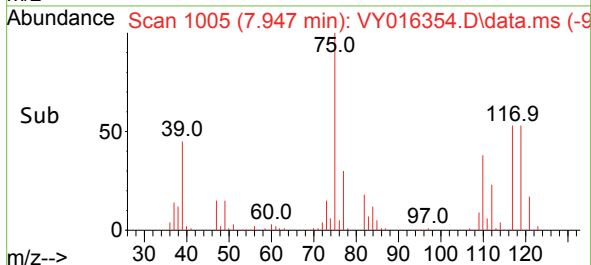
Tgt Ion:113 Resp: 72826
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.8 16.9 25.3

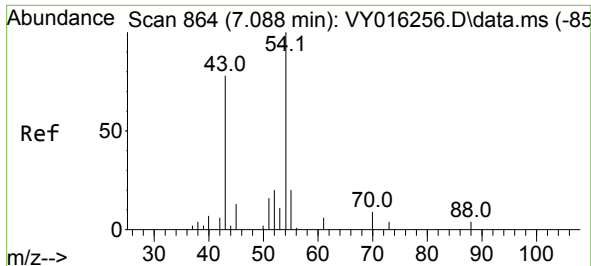


#36
1,1-Dichloropropene
Concen: 51.470 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36



Tgt Ion: 75 Resp: 127145
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 45.261 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

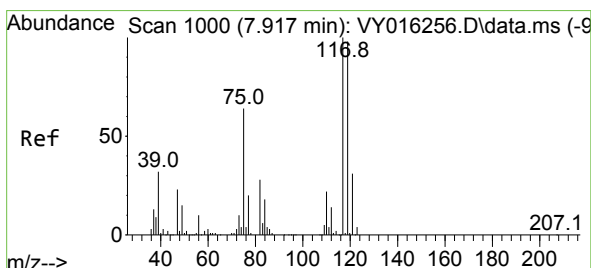
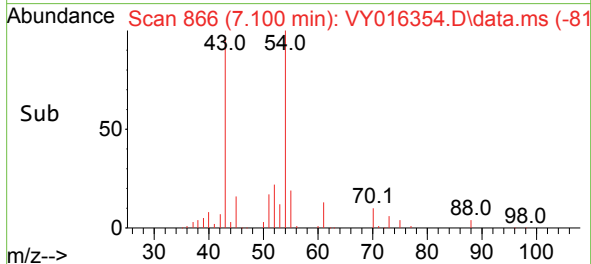
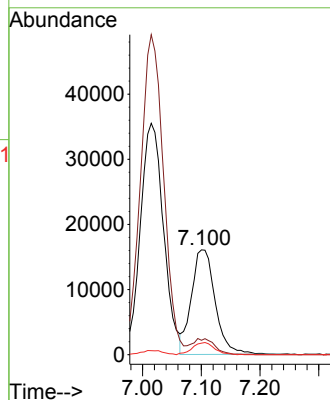
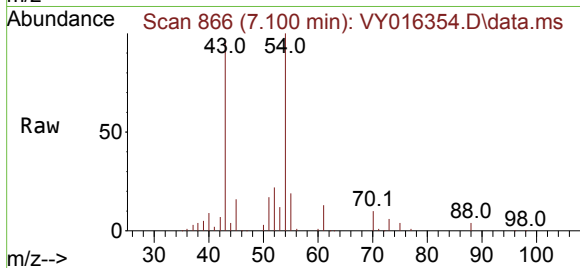
Tgt Ion: 43 Resp: 45175

Ion Ratio Lower Upper

43 100

61 14.6 10.1 15.1

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.375 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

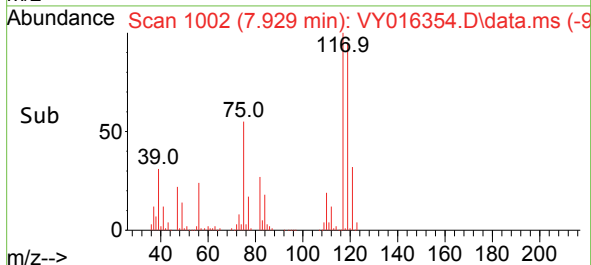
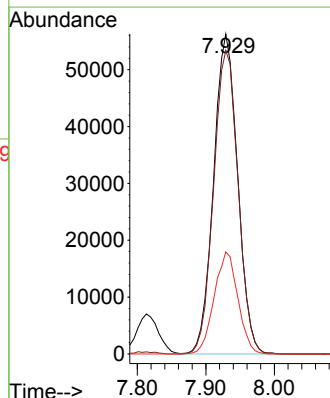
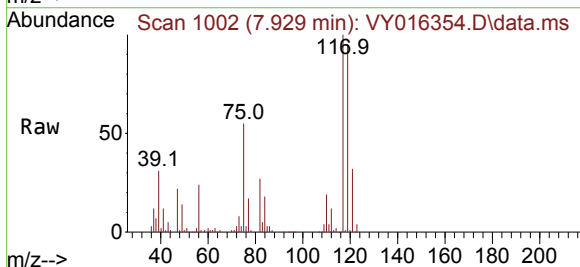
Tgt Ion:117 Resp: 136842

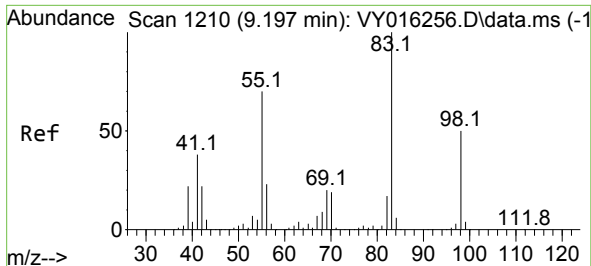
Ion Ratio Lower Upper

117 100

119 94.9 76.4 114.6

121 31.9 25.8 38.6

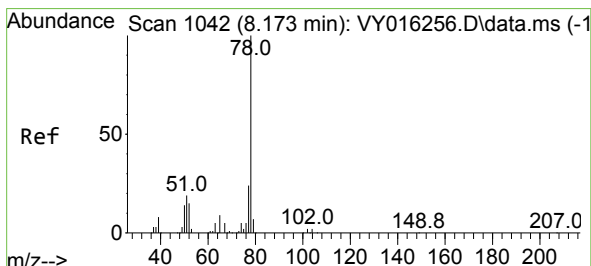
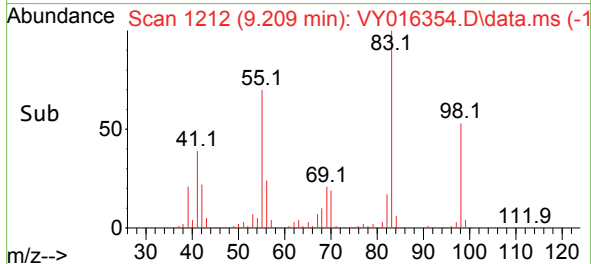
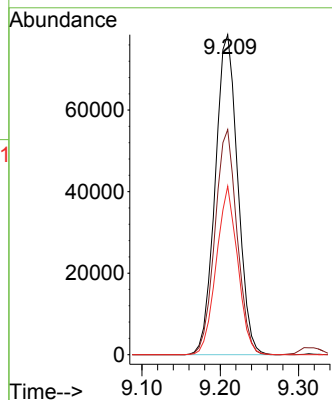
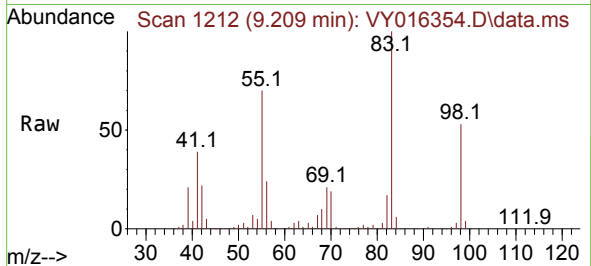




#39
Methylcyclohexane
Concen: 50.958 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

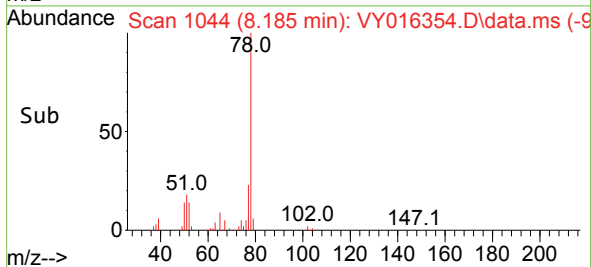
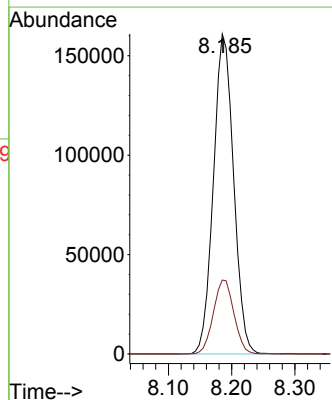
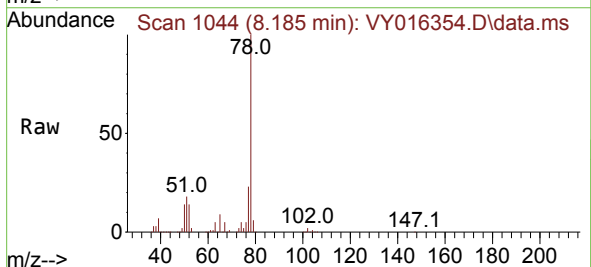
Instrument :
MSVOA_Y
ClientSampleId :

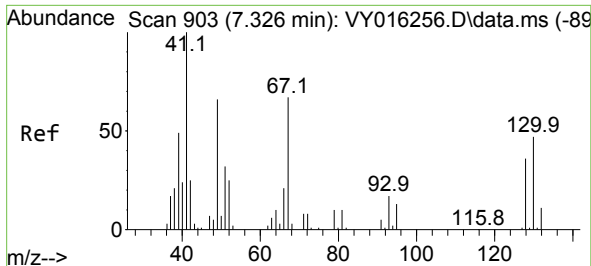
Tgt Ion: 83 Resp: 156853
Ion Ratio Lower Upper
83 100
55 70.3 63.0 94.4
98 52.6 37.4 56.2



#40
Benzene
Concen: 51.290 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 78 Resp: 355967
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



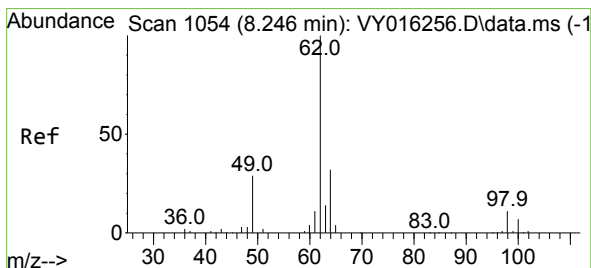
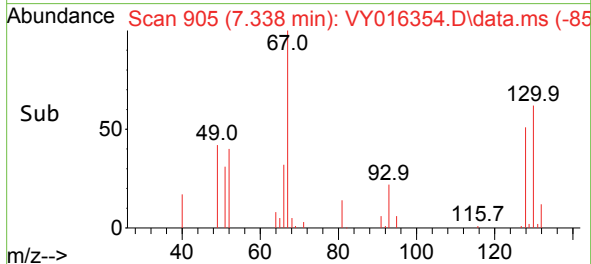
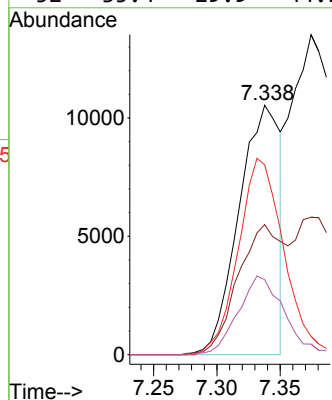
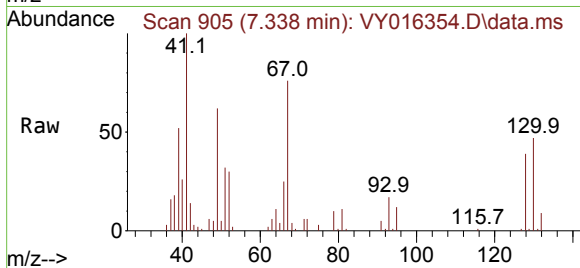


#41
Methacrylonitrile
Concen: 47.444 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 23877

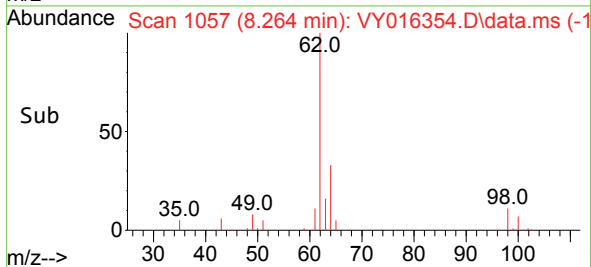
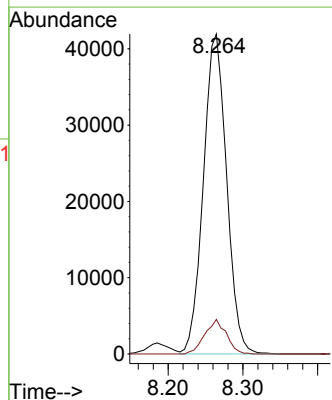
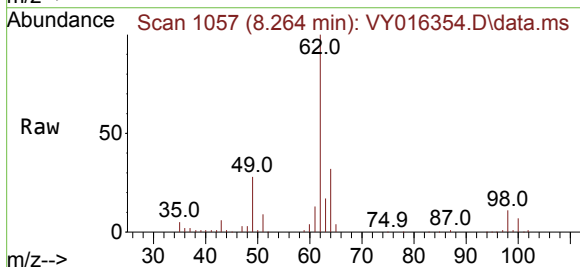
Ion	Ratio	Lower	Upper
41	100		
39	59.8	52.1	78.1
67	87.0	66.2	99.2
52	35.4	29.9	44.9

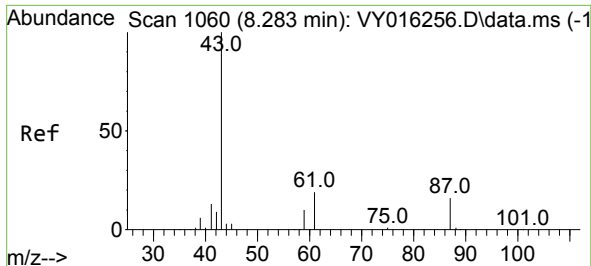


#42
1,2-Dichloroethane
Concen: 50.344 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 62 Resp: 90531

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8

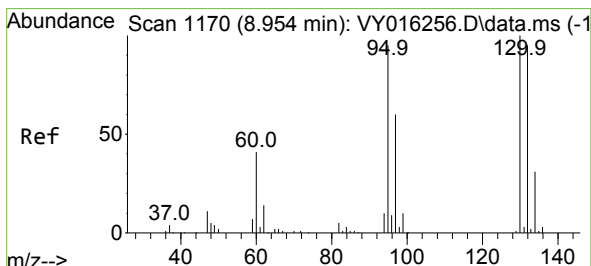
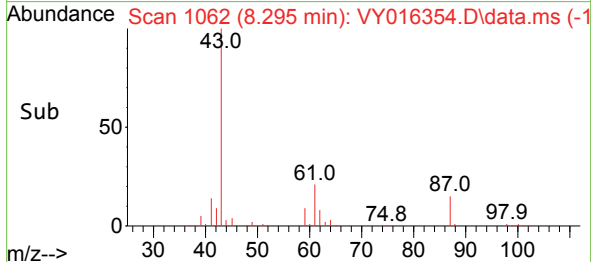
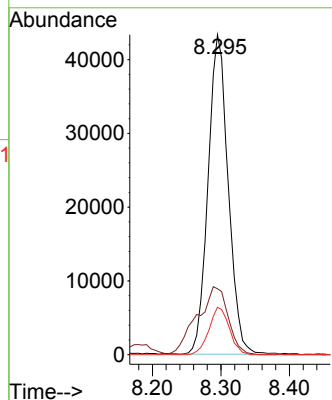
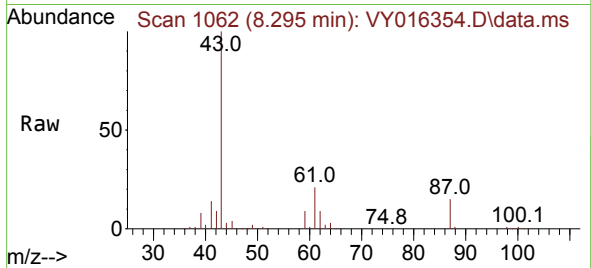




#43
Isopropyl Acetate
Concen: 45.881 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

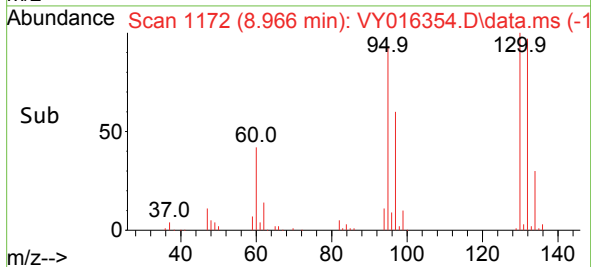
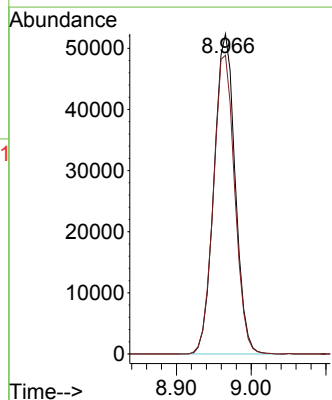
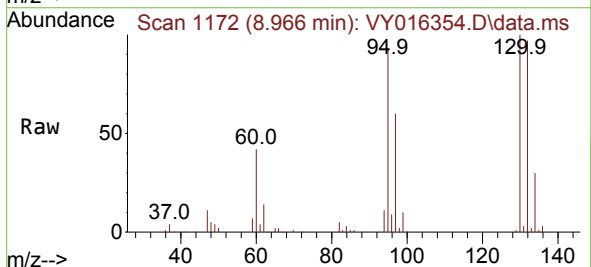
Instrument :
MSVOA_Y
ClientSampleId :

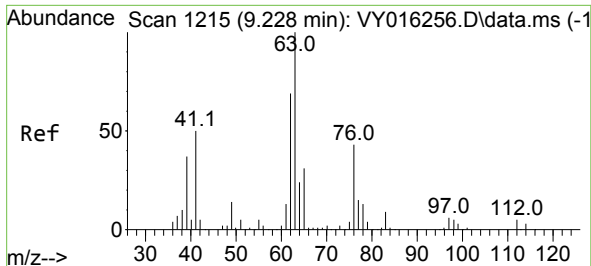
Tgt Ion: 43 Resp: 88519
Ion Ratio Lower Upper
43 100
61 32.7 21.1 31.7#
87 14.9 9.8 14.8#



#44
Trichloroethene
Concen: 51.283 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion:130 Resp: 102292
Ion Ratio Lower Upper
130 100
95 93.4 0.0 196.0

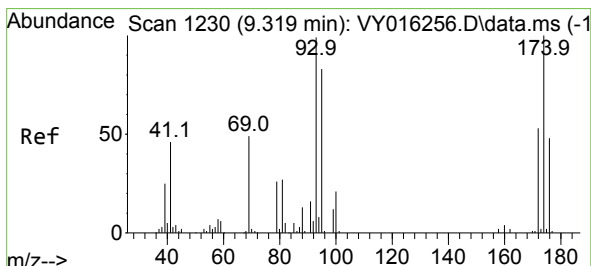
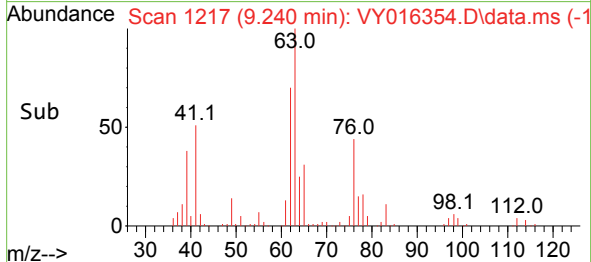
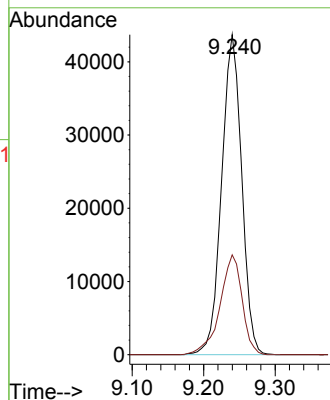
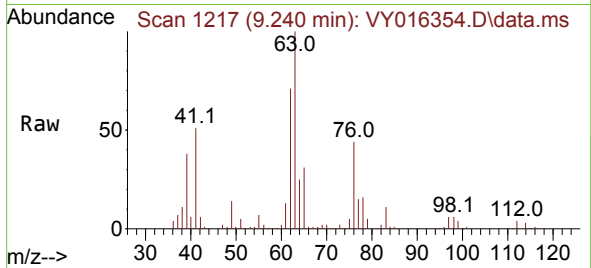




#45
1,2-Dichloropropane
Concen: 51.101 ug/l
RT: 9.240 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

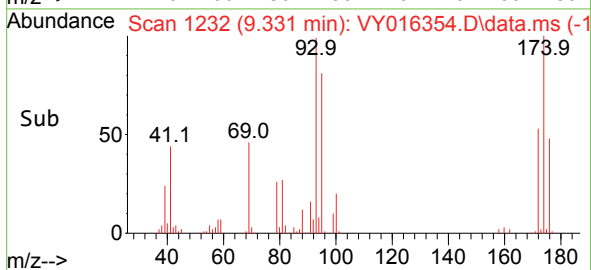
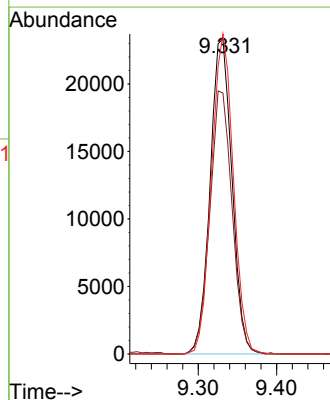
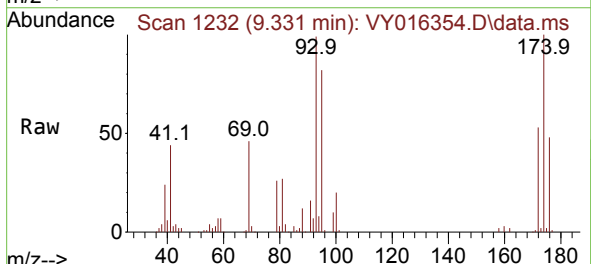
Instrument :
MSVOA_Y
ClientSampleId :

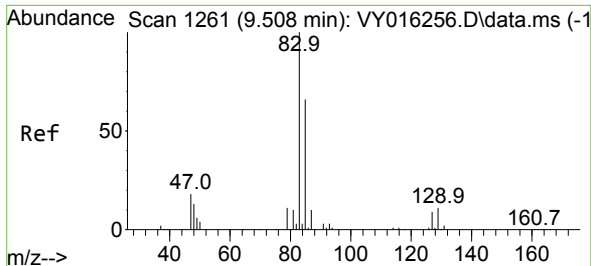
Tgt Ion: 63 Resp: 85174
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 50.162 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 93 Resp: 45308
Ion Ratio Lower Upper
93 100
95 84.6 66.6 100.0
174 101.5 84.8 127.2

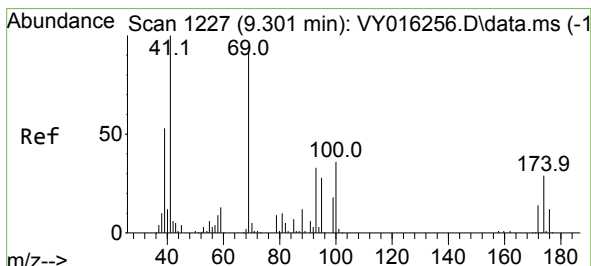
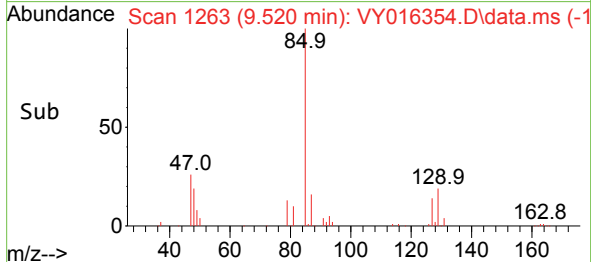
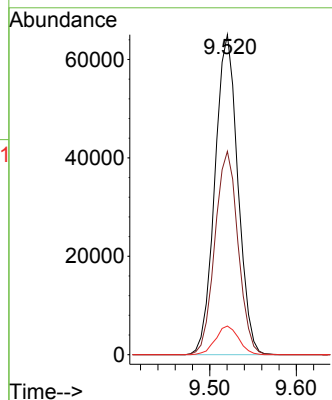
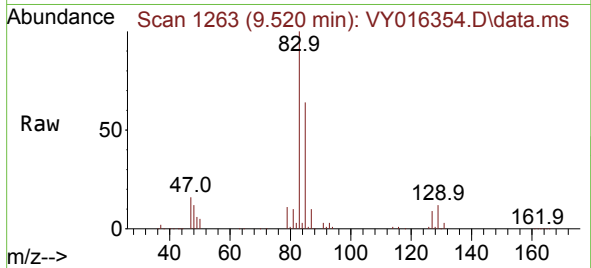




#47
Bromodichloromethane
Concen: 51.542 ug/l
RT: 9.520 min Scan# 119687
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

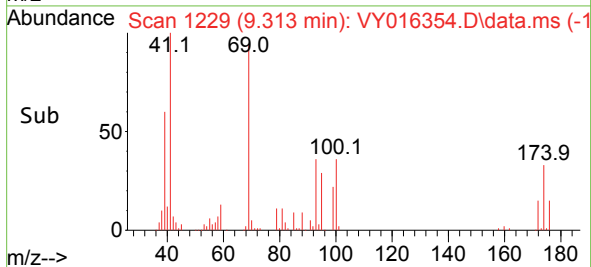
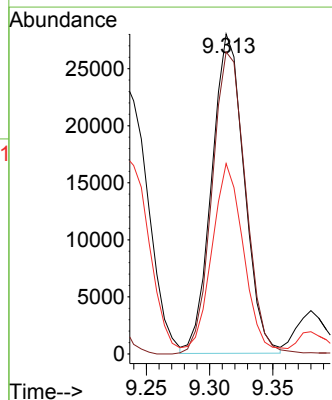
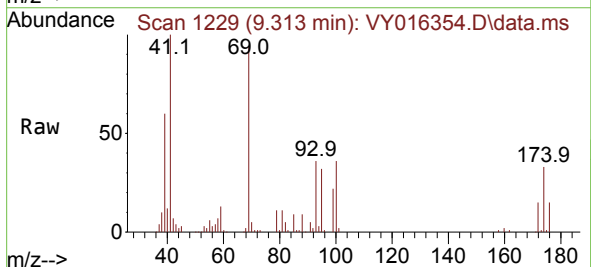
Instrument :
MSVOA_Y
ClientSampleId :

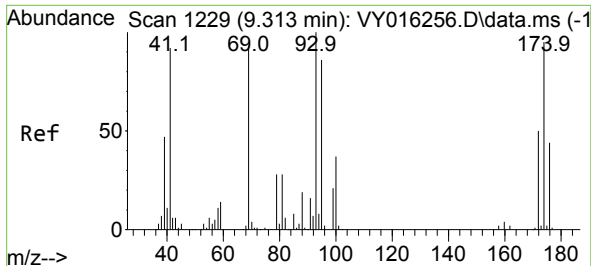
Tgt Ion: 83 Resp: 119687
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 46.985 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 41 Resp: 50099
Ion Ratio Lower Upper
41 100
69 97.3 64.5 96.7#
39 54.7 50.8 76.2





#49

1,4-Dioxane

Concen: 875.782 ug/l

RT: 9.325 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

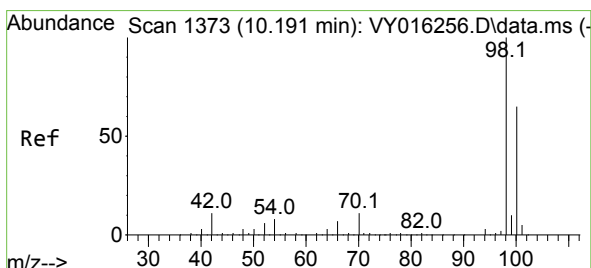
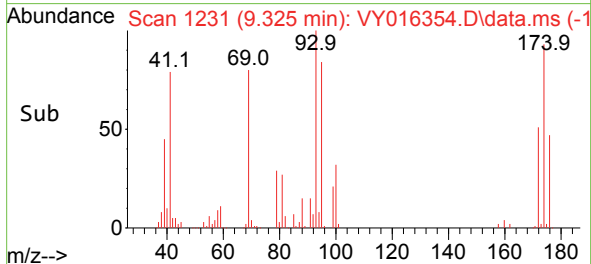
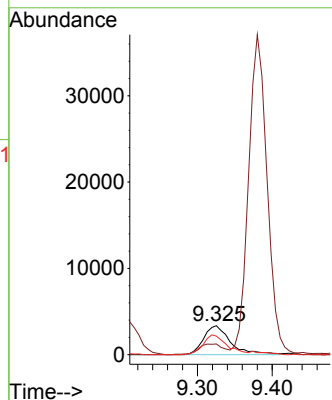
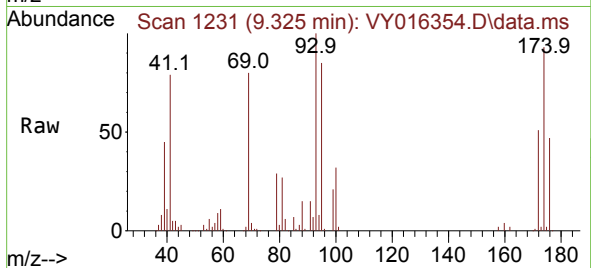
Tgt Ion: 88 Resp: 8398

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0#

58 61.3 30.9 46.3#



#50

Toluene-d8

Concen: 49.436 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016354.D

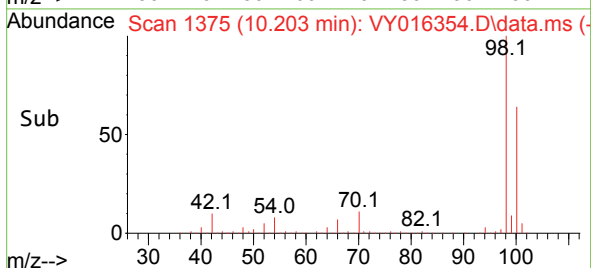
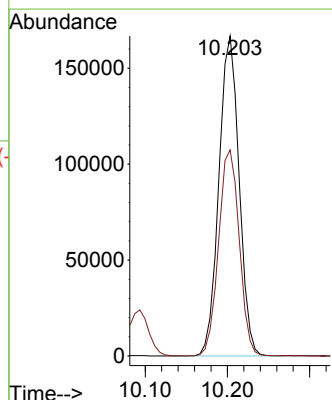
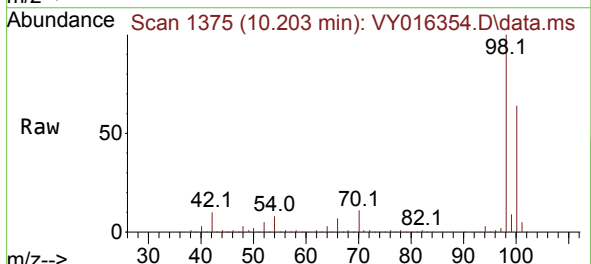
Acq: 15 Nov 2023 08:36

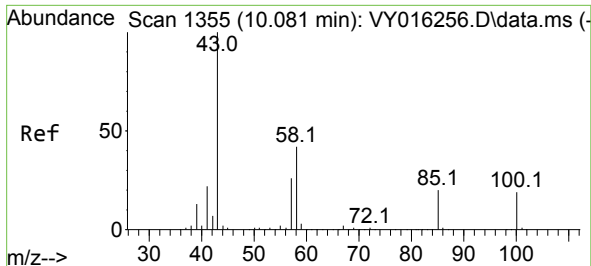
Tgt Ion: 98 Resp: 285199

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 233.143 ug/l

RT: 10.093 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

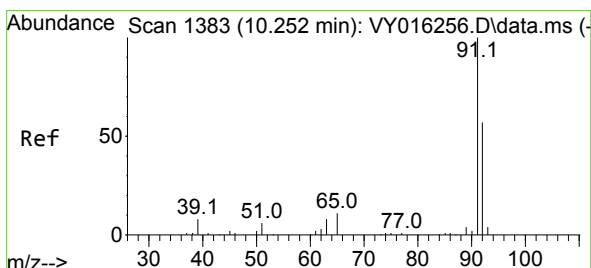
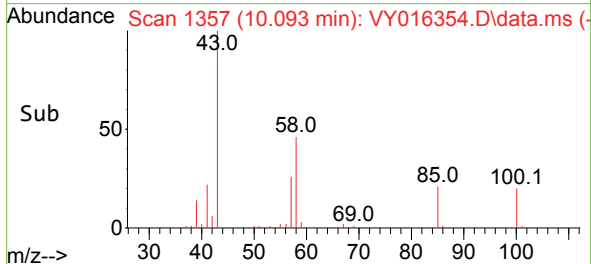
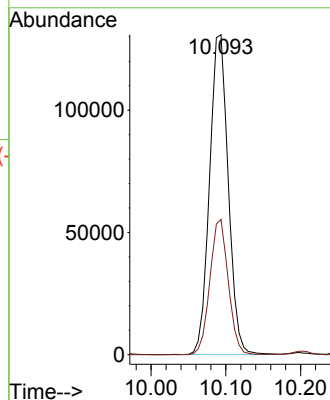
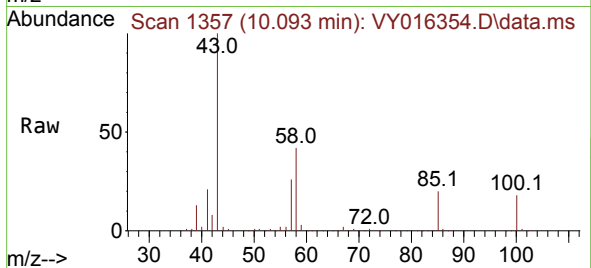
ClientSampleId :

Tgt Ion: 43 Resp: 227459

Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



#52

Toluene

Concen: 51.825 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016354.D

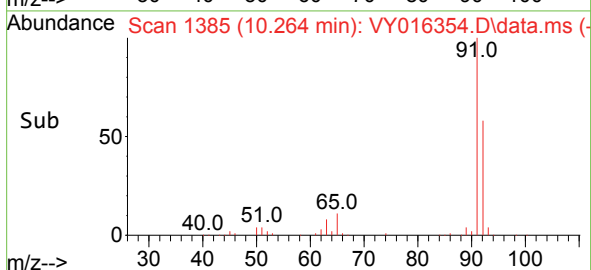
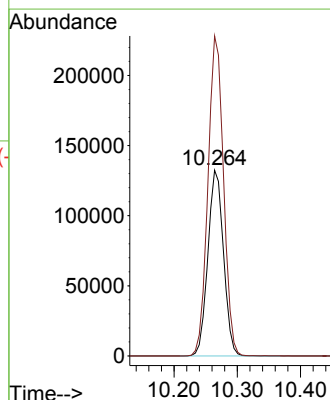
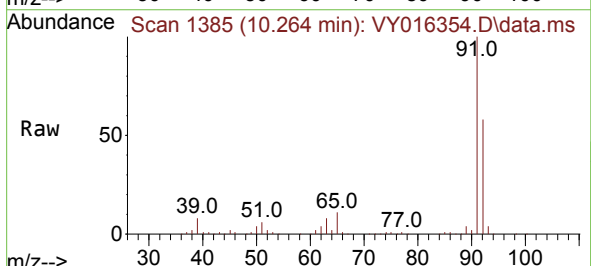
Acq: 15 Nov 2023 08:36

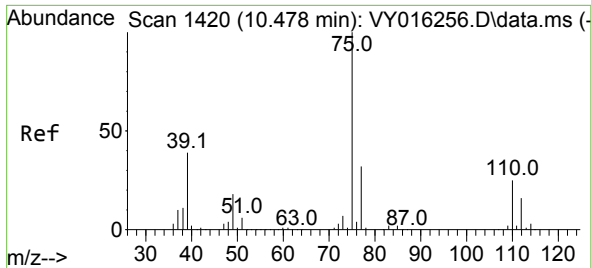
Tgt Ion: 92 Resp: 227366

Ion Ratio Lower Upper

92 100

91 172.0 143.8 215.6

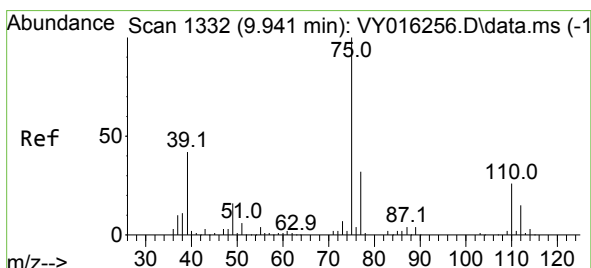
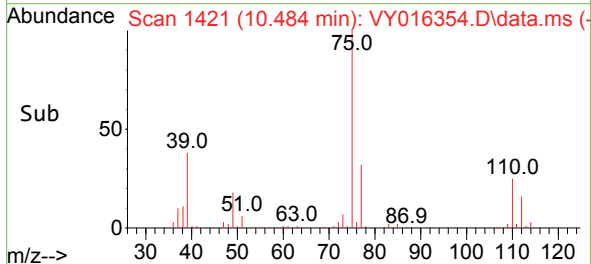
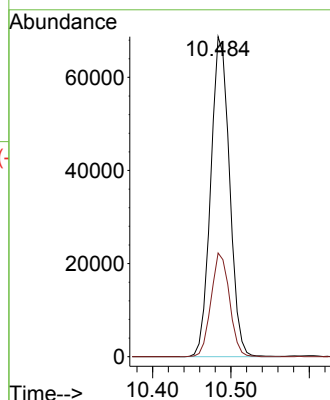
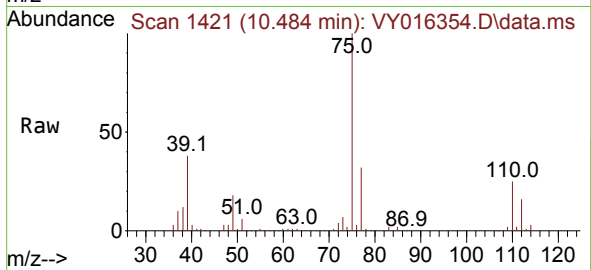




#53
t-1,3-Dichloropropene
Concen: 50.899 ug/l
RT: 10.484 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

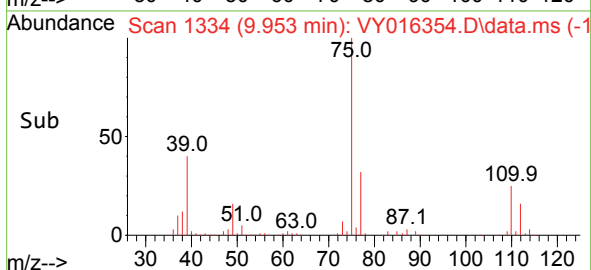
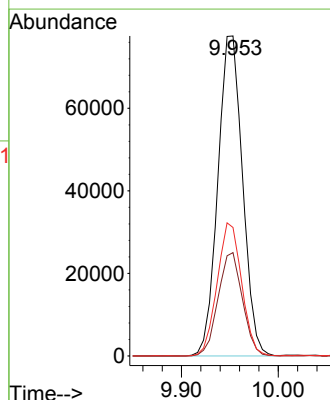
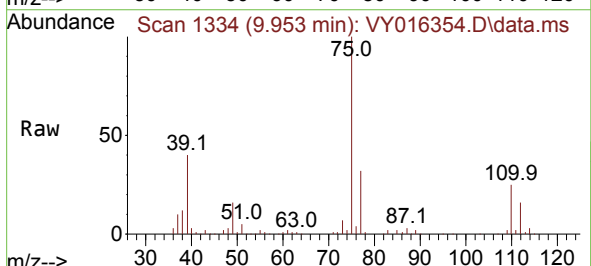
Instrument :
MSVOA_Y
ClientSampleId :

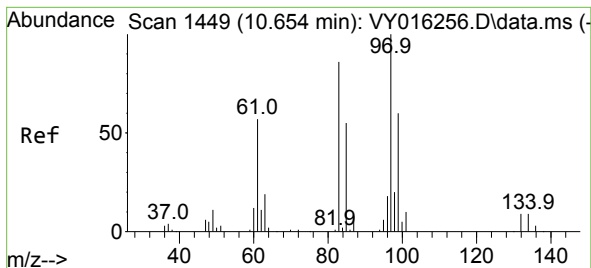
Tgt Ion: 75 Resp: 114580
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.172 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 75 Resp: 137585
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 40.2 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 51.063 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 63570

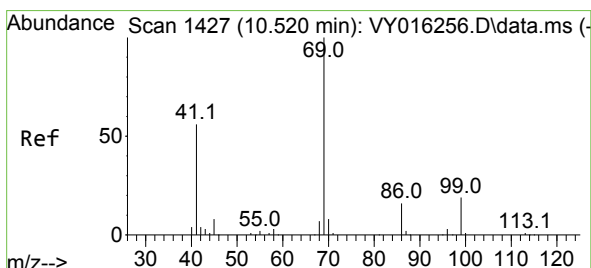
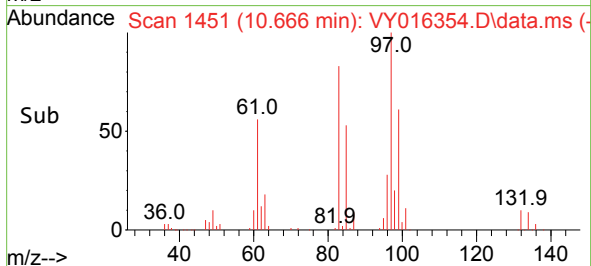
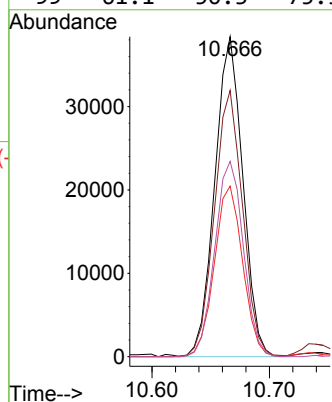
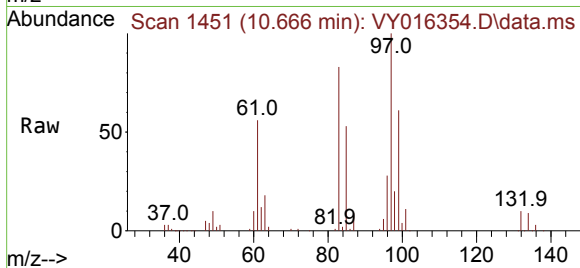
Ion Ratio Lower Upper

97 100

83 82.9 72.0 108.0

85 53.3 45.4 68.0

99 61.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.048 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

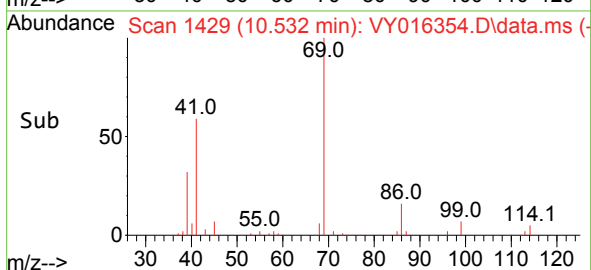
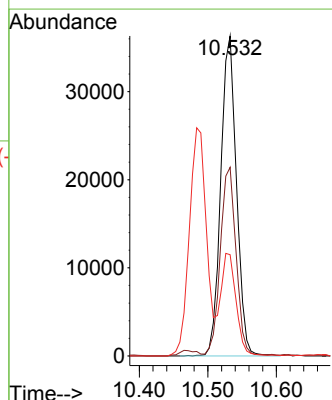
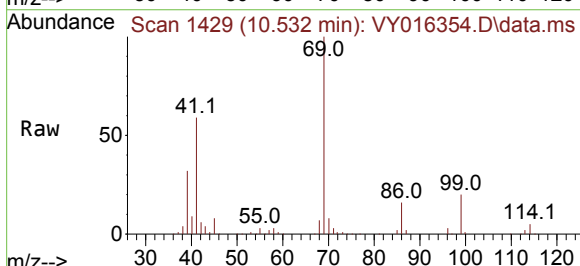
Tgt Ion: 69 Resp: 57640

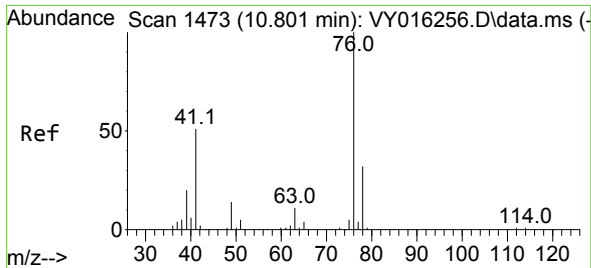
Ion Ratio Lower Upper

69 100

41 58.9 57.6 86.4

39 31.8 34.1 51.1#

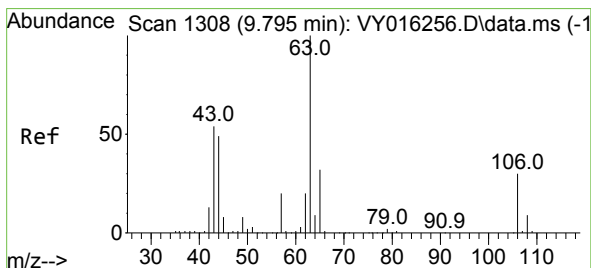
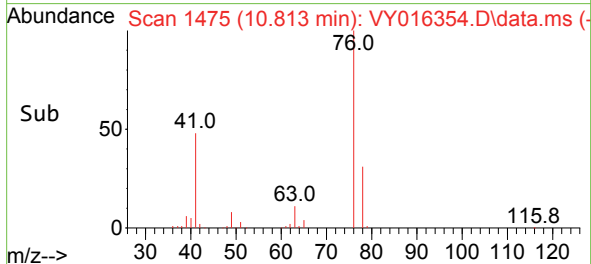
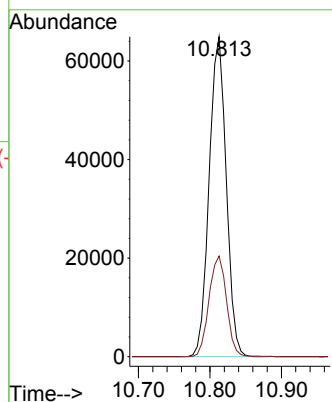
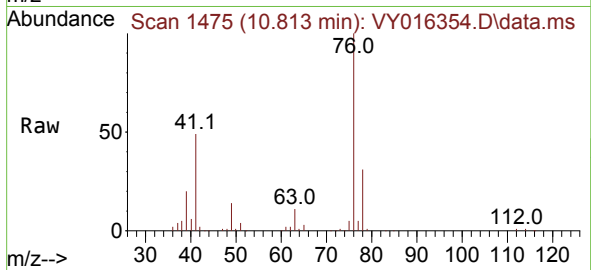




#57
1,3-Dichloropropane
Concen: 50.742 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

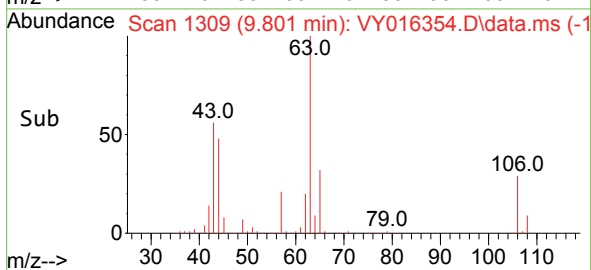
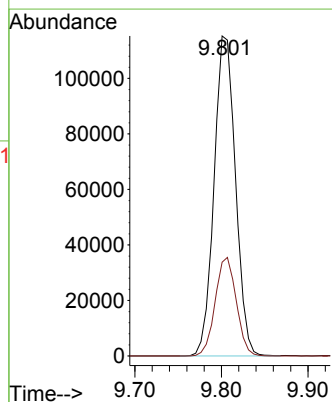
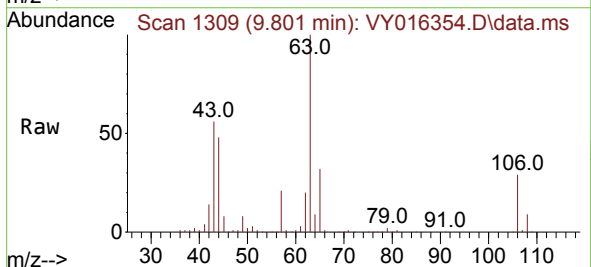
Instrument :
MSVOA_Y
ClientSampleId :

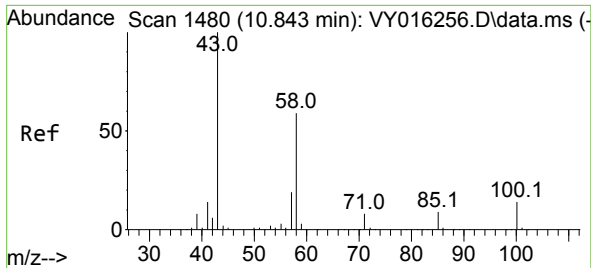
Tgt Ion: 76 Resp: 107679
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 248.761 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

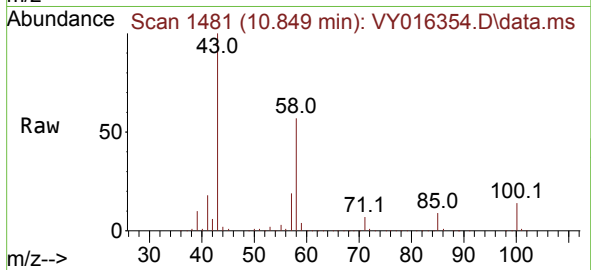
Tgt Ion: 63 Resp: 198225
Ion Ratio Lower Upper
63 100
106 30.2 21.2 31.8



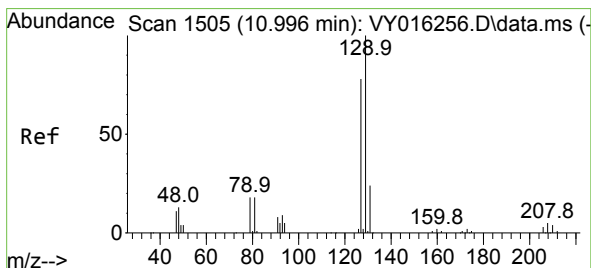
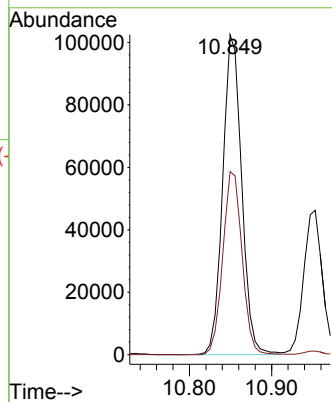
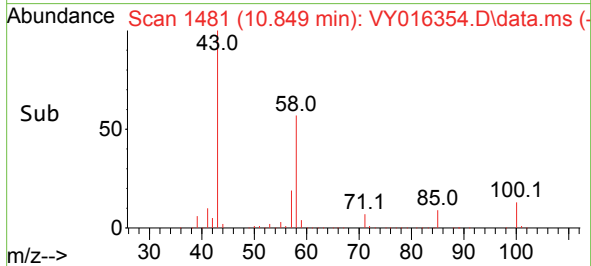


#59
2-Hexanone
Concen: 226.262 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Instrument :
MSVOA_Y
ClientSampleId :

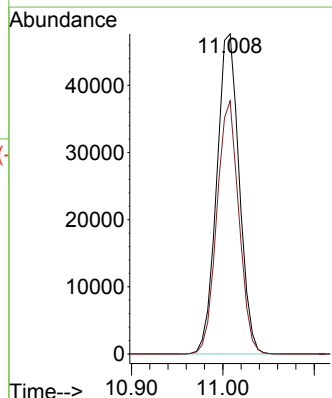
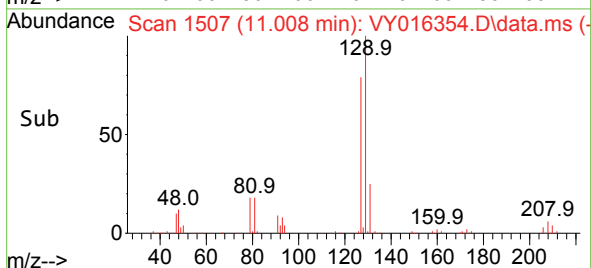
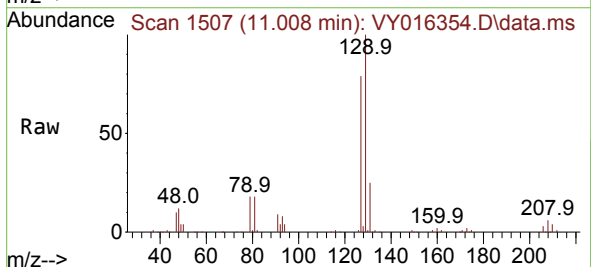


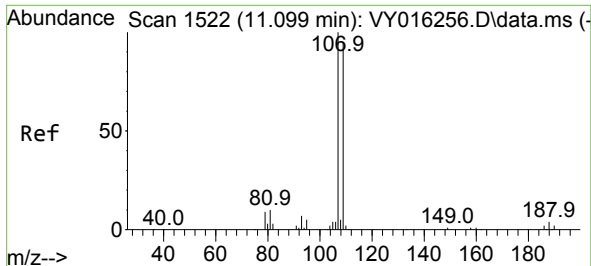
Tgt Ion: 43 Resp: 164196
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 52.384 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 129 Resp: 81561
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

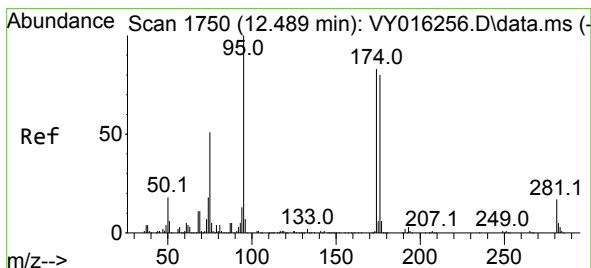
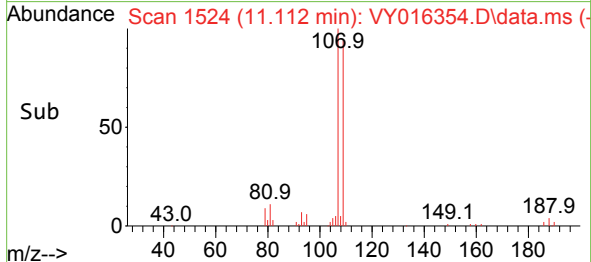
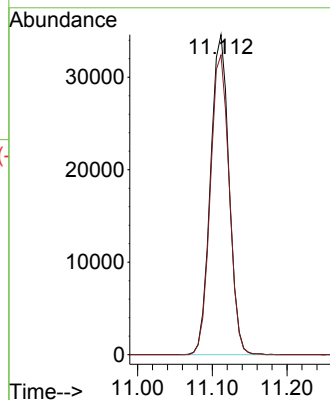
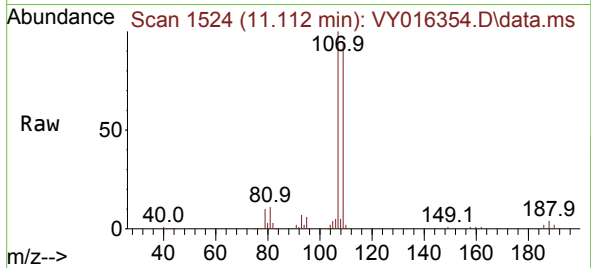




#61
1,2-Dibromoethane
Concen: 50.264 ug/l
RT: 11.112 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

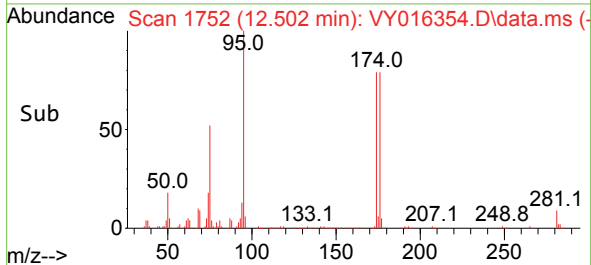
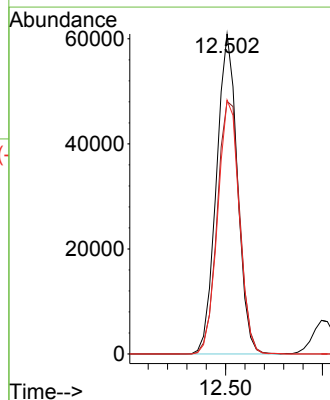
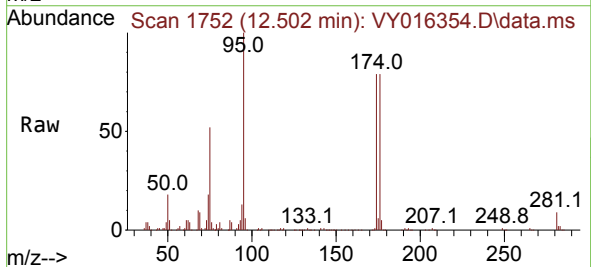
Instrument :
MSVOA_Y
ClientSampleId :

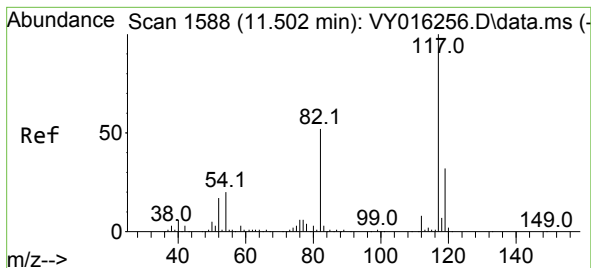
Tgt Ion:107 Resp: 59616
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.888 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 95 Resp: 91602
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

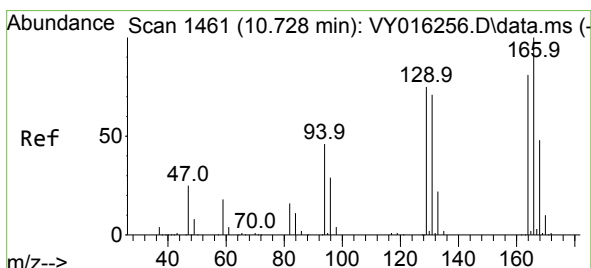
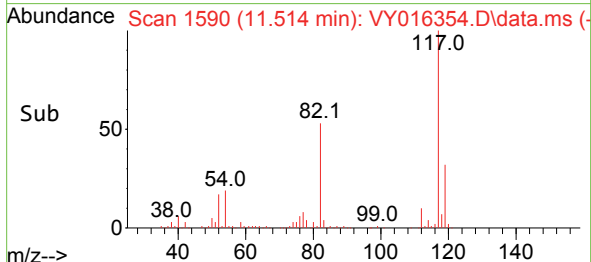
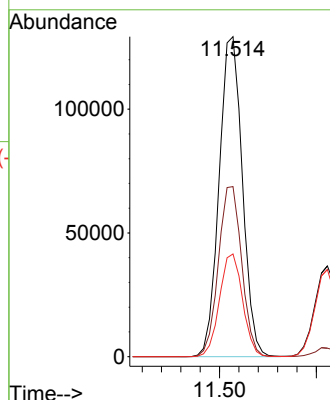
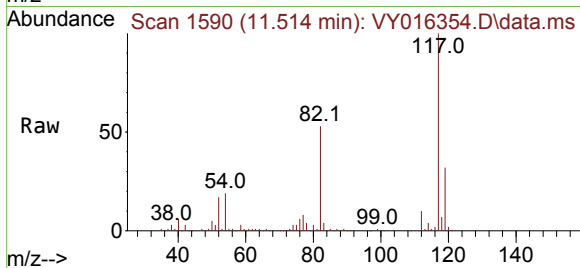
Tgt Ion:117 Resp: 215256

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 52.979 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Tgt Ion:164 Resp: 102398

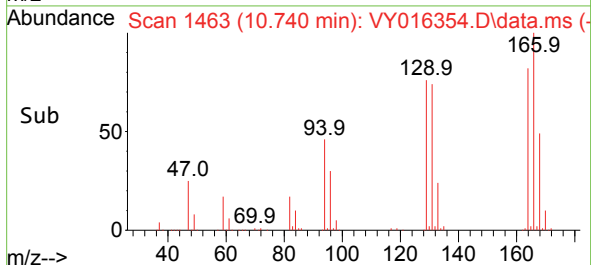
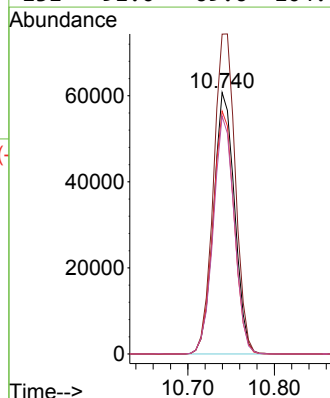
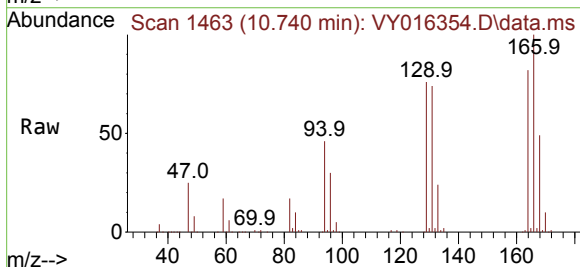
Ion Ratio Lower Upper

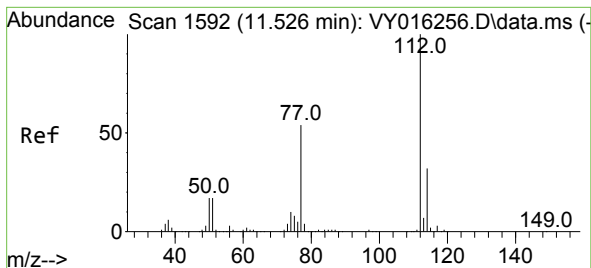
164 100

166 122.4 103.0 154.6

129 92.9 77.2 115.8

131 91.0 69.6 104.4





#65

Chlorobenzene

Concen: 51.500 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

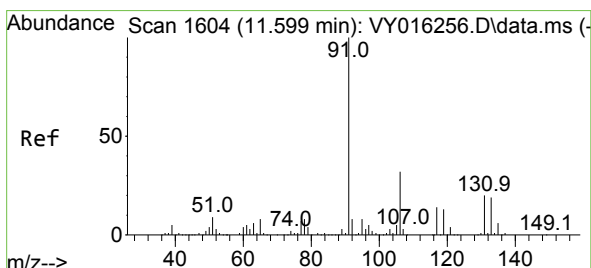
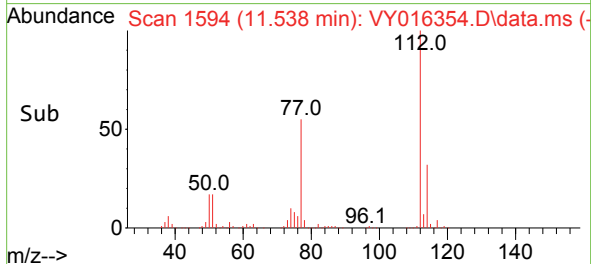
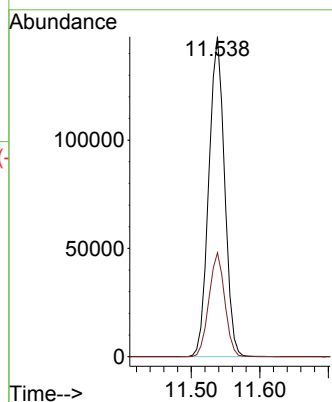
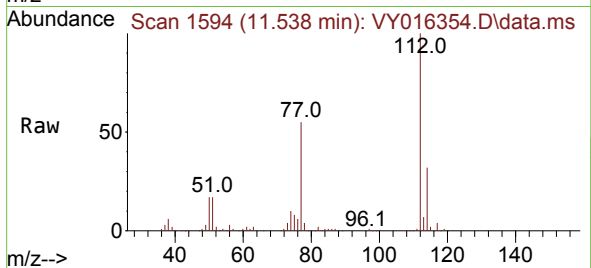
ClientSampleId :

Tgt Ion:112 Resp: 236849

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.385 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

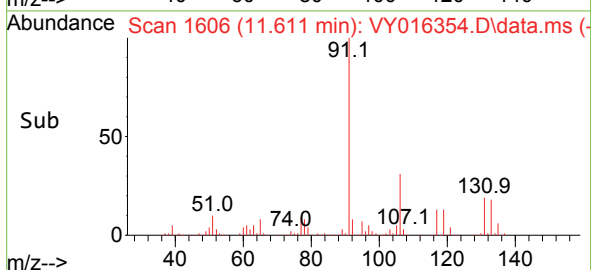
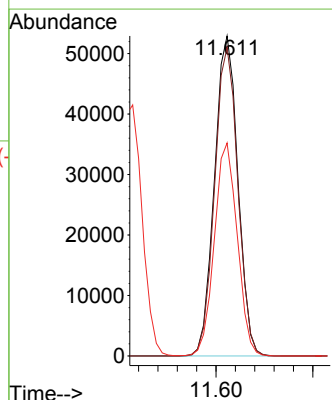
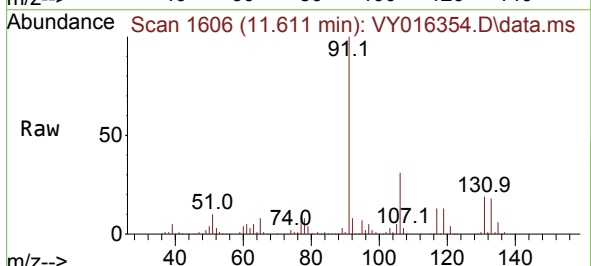
Tgt Ion:131 Resp: 88859

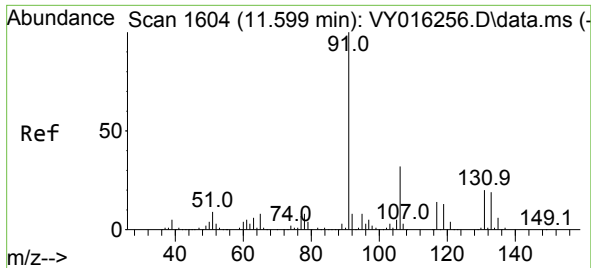
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 65.2 31.6 94.7

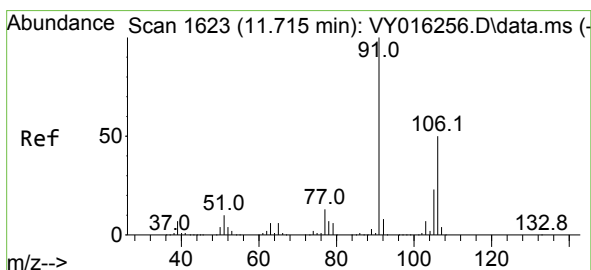
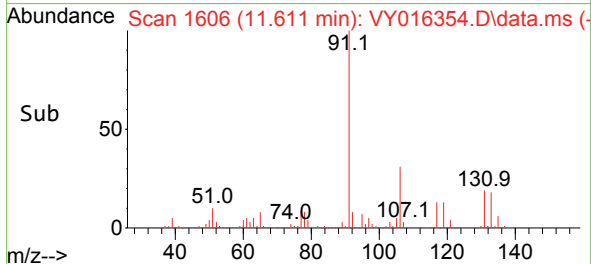
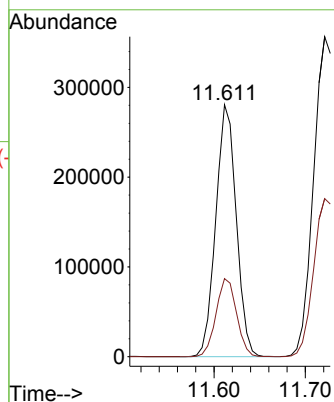
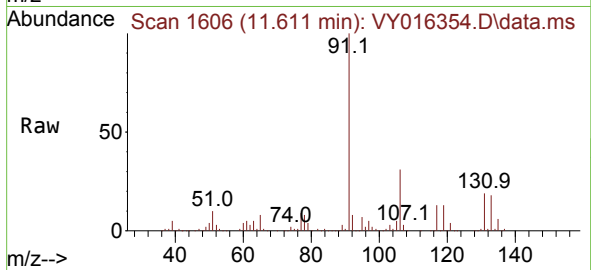




#67
Ethyl Benzene
Concen: 52.918 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

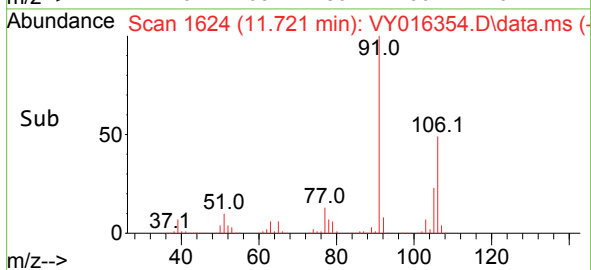
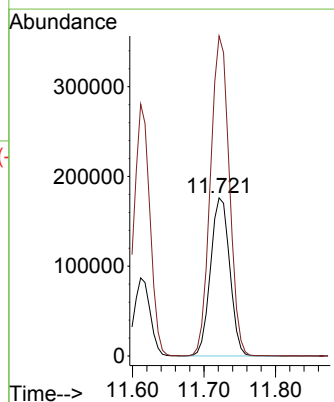
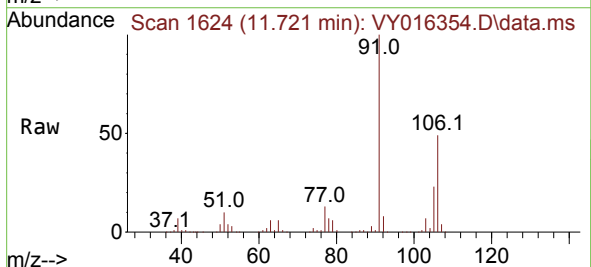
Instrument :
MSVOA_Y
ClientSampleId :

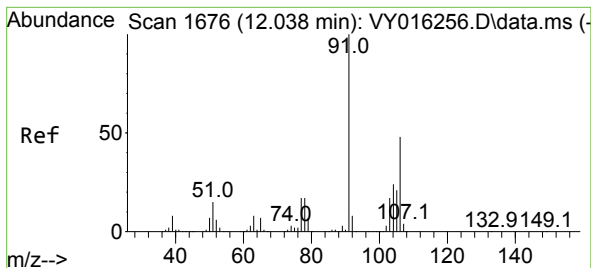
Tgt Ion: 91 Resp: 437377
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 104.813 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.006 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 106 Resp: 328577
Ion Ratio Lower Upper
106 100
91 199.0 166.1 249.1





#69

o-Xylene

Concen: 52.380 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

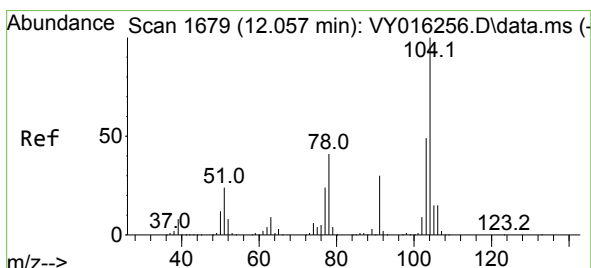
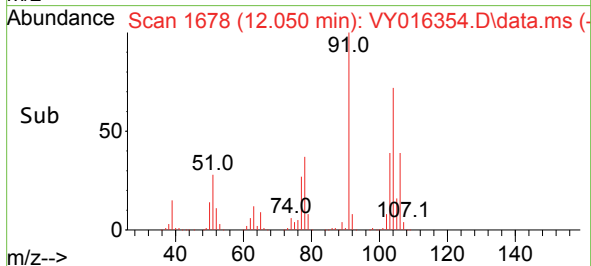
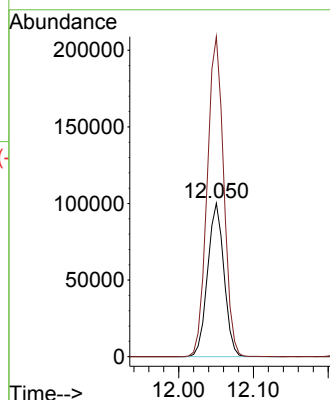
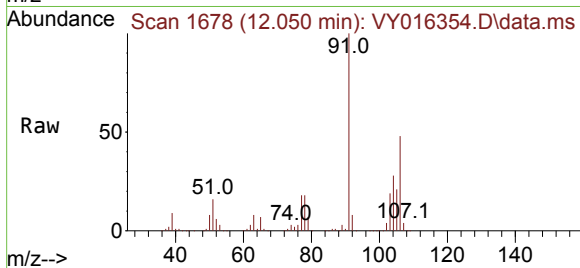
ClientSampleId :

Tgt Ion:106 Resp: 152459

Ion Ratio Lower Upper

106 100

91 210.9 108.1 324.3



#70

Styrene

Concen: 53.070 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

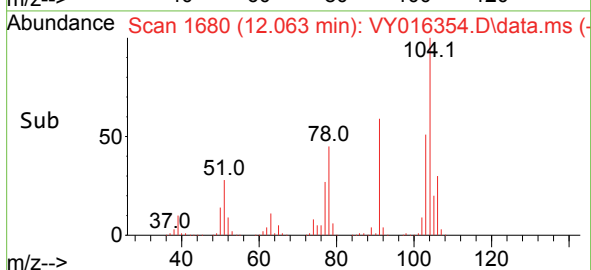
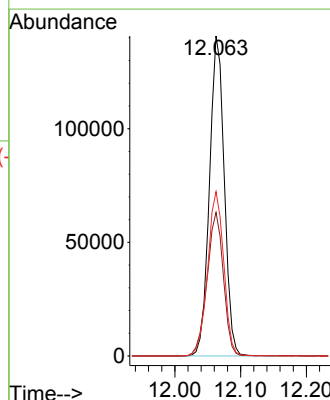
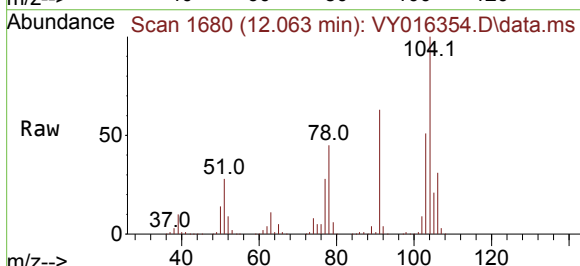
Tgt Ion:104 Resp: 221180

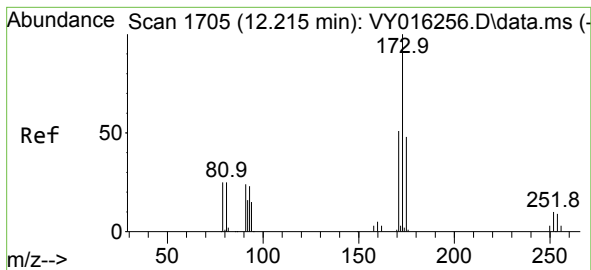
Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 55.7 44.6 67.0





#71

Bromoform

Concen: 51.939 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

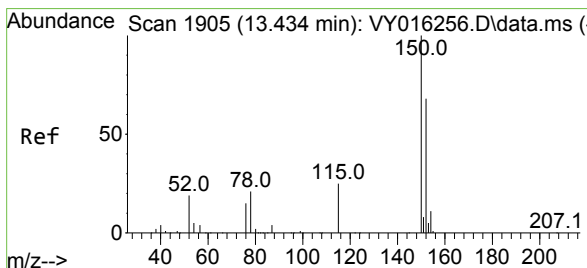
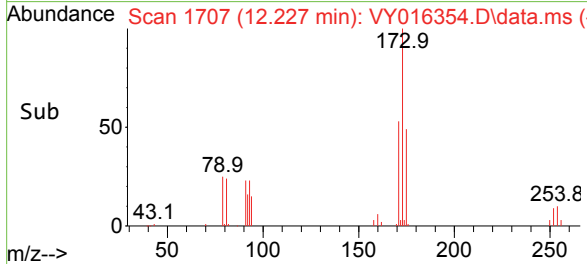
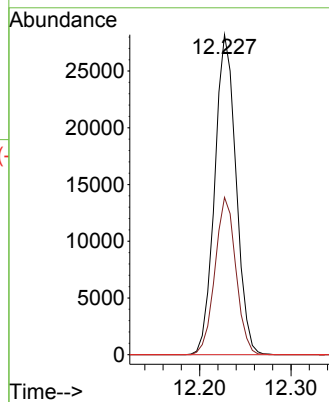
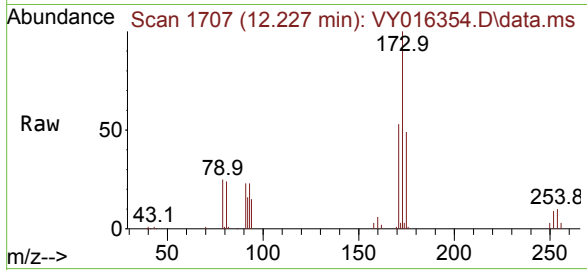
Tgt Ion:173 Resp: 45715

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

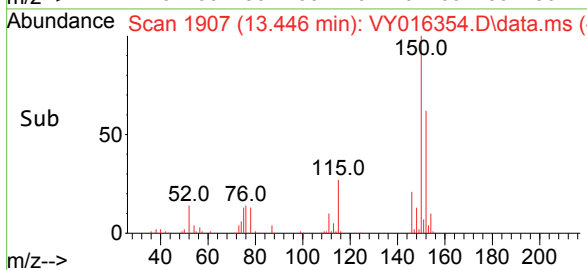
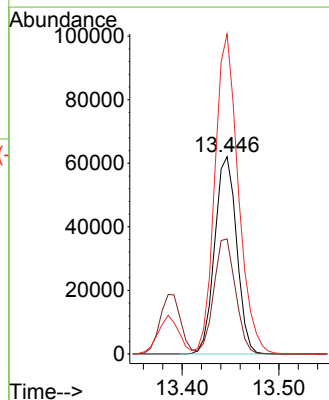
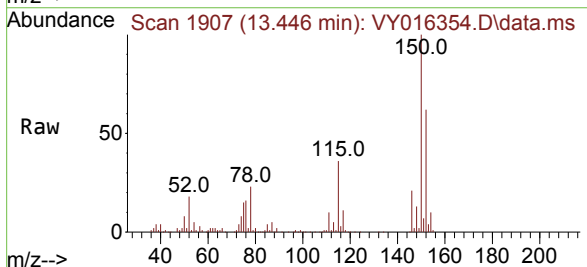
Tgt Ion:152 Resp: 97691

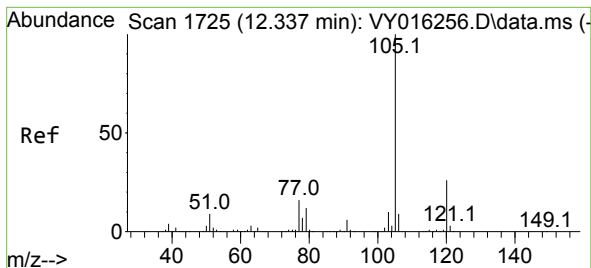
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 173.6 0.0 348.8





#73

Isopropylbenzene

Concen: 53.246 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

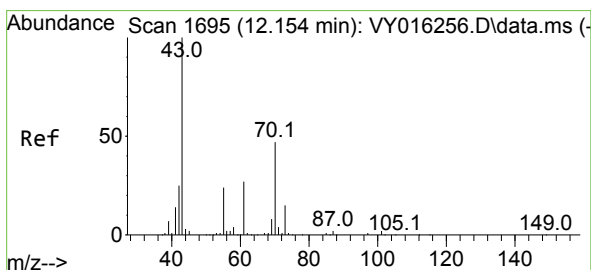
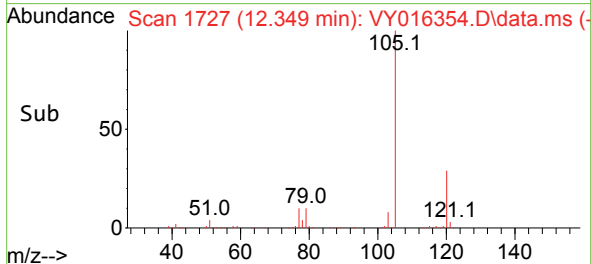
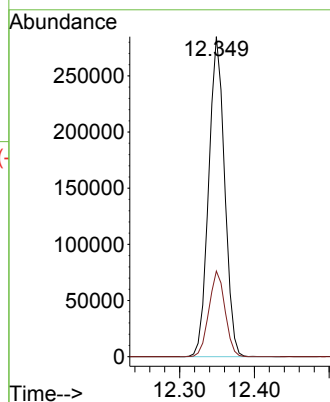
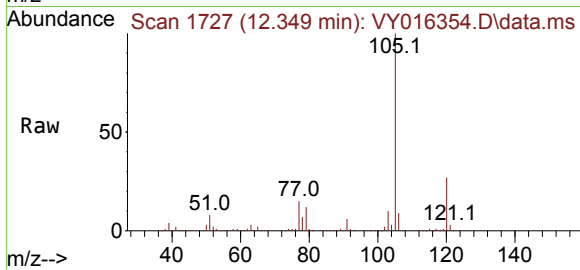
ClientSampleId :

Tgt Ion:105 Resp: 421219

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 45.630 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Tgt Ion: 43 Resp: 72506

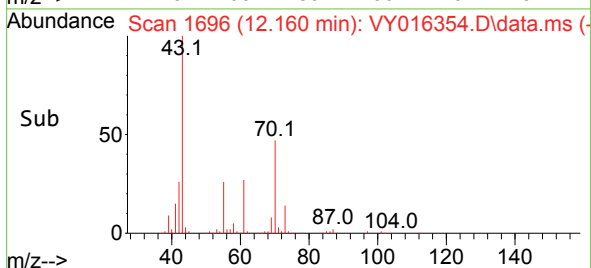
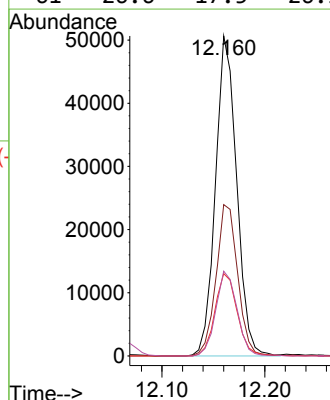
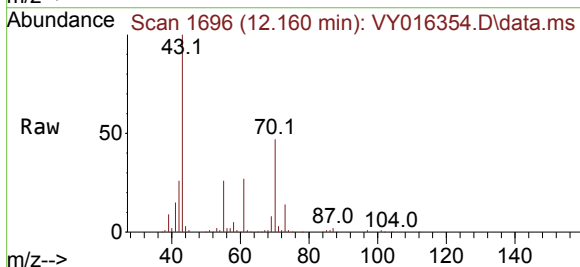
Ion Ratio Lower Upper

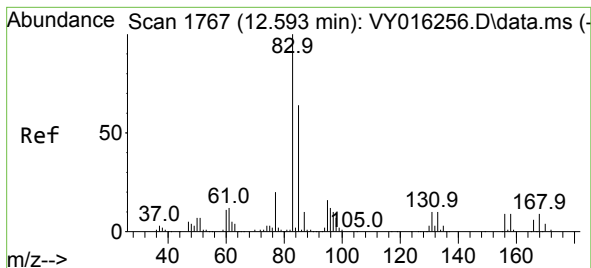
43 100

70 48.3 29.7 44.5#

55 27.1 18.3 27.5

61 26.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.784 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

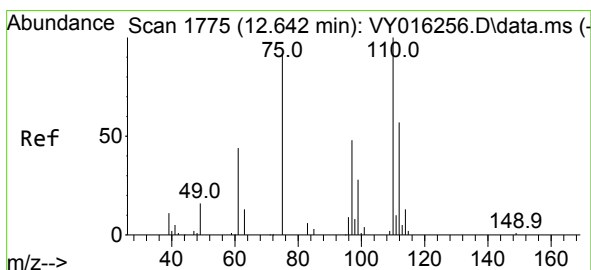
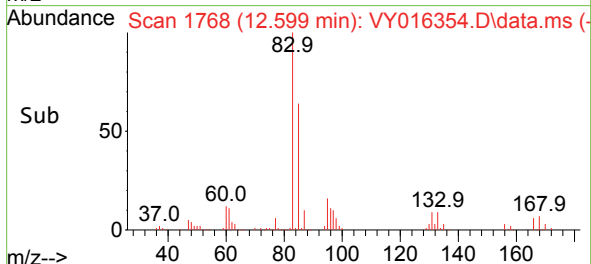
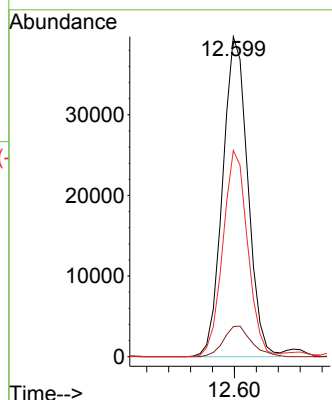
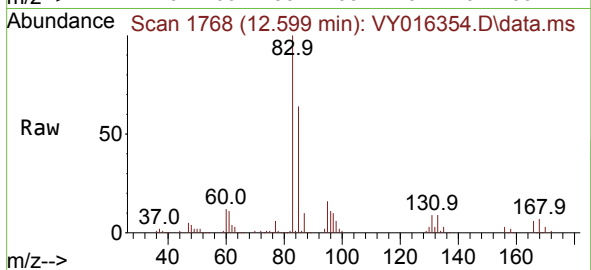
Tgt Ion: 83 Resp: 63196

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.878 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016354.D

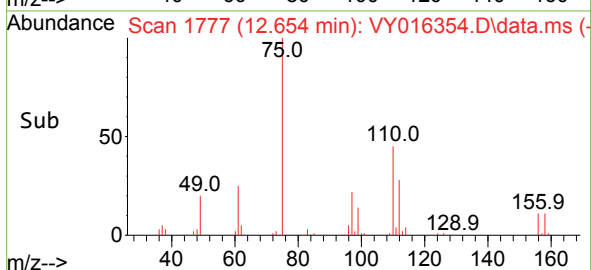
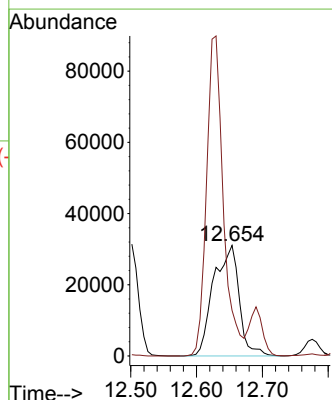
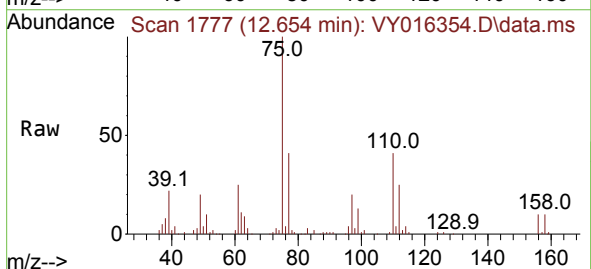
Acq: 15 Nov 2023 08:36

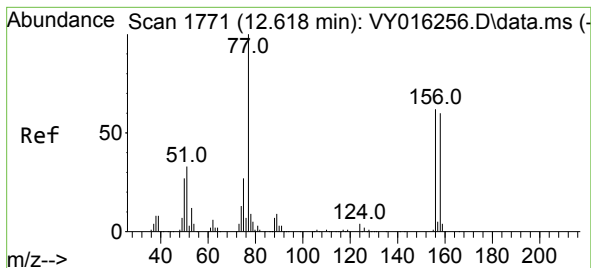
Tgt Ion: 75 Resp: 84228

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.072 ug/l

RT: 12.630 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

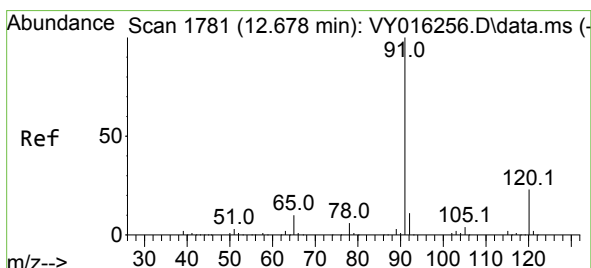
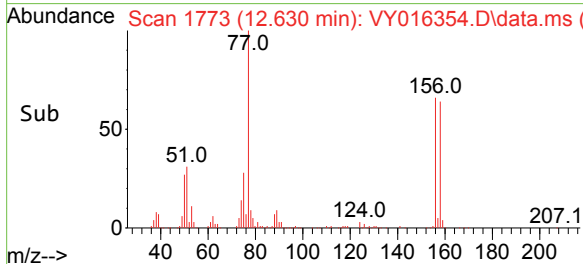
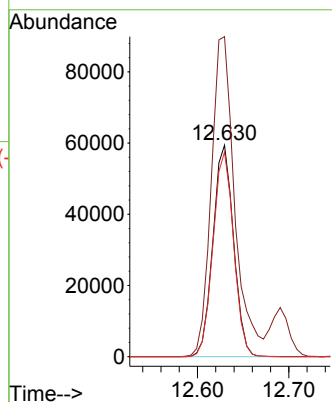
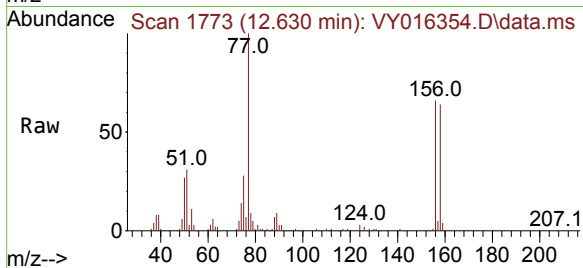
Tgt Ion:156 Resp: 93101

Ion Ratio Lower Upper

156 100

77 172.3 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 53.024 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016354.D

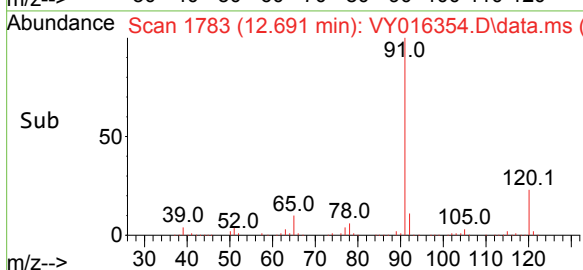
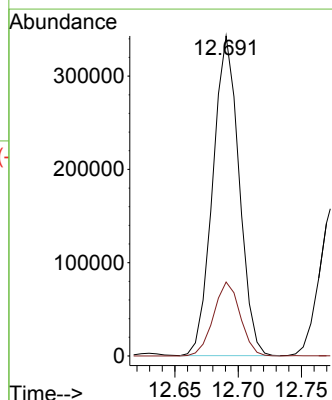
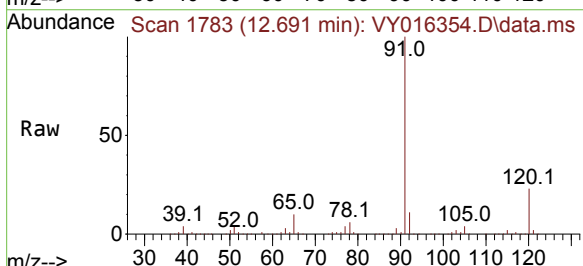
Acq: 15 Nov 2023 08:36

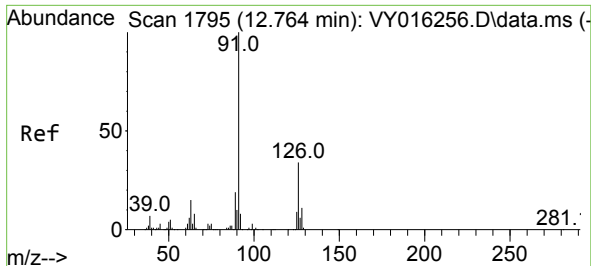
Tgt Ion: 91 Resp: 495716

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

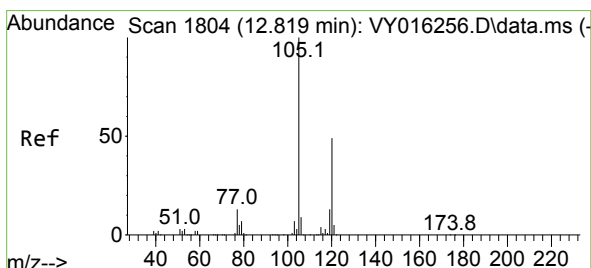
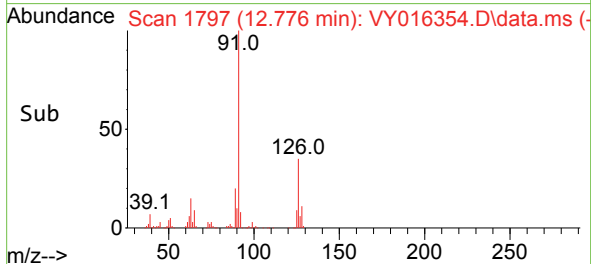
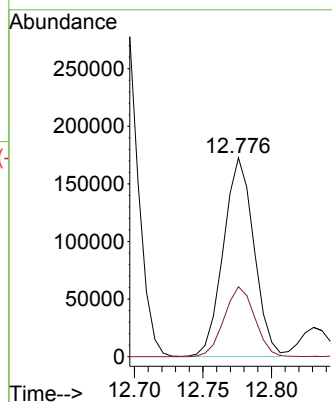
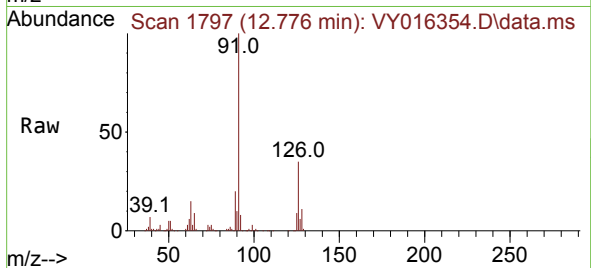




#79
2-Chlorotoluene
Concen: 52.003 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

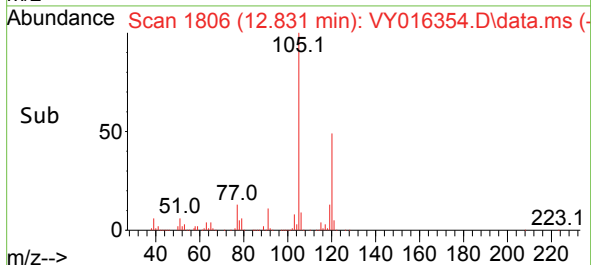
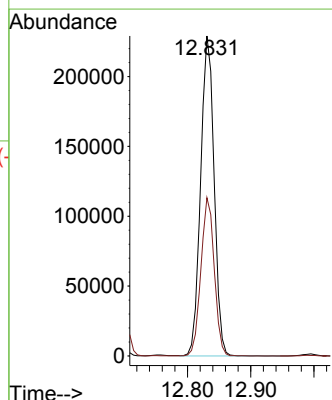
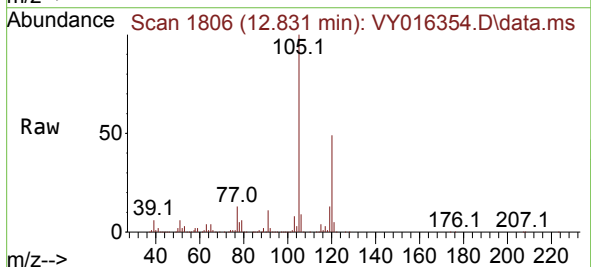
Instrument :
MSVOA_Y
ClientSampleId :

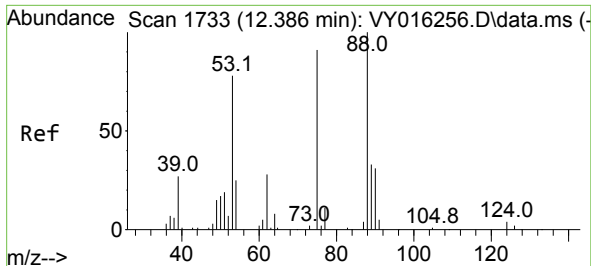
Tgt Ion: 91 Resp: 267928
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.399 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 105 Resp: 340581
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

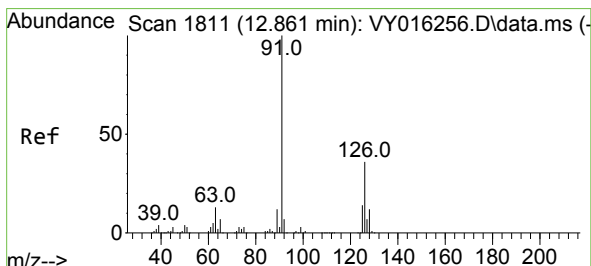
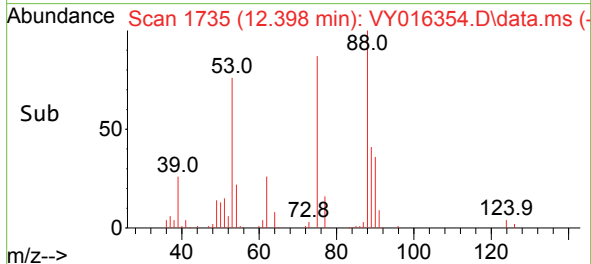
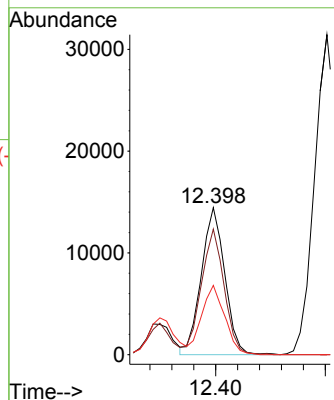
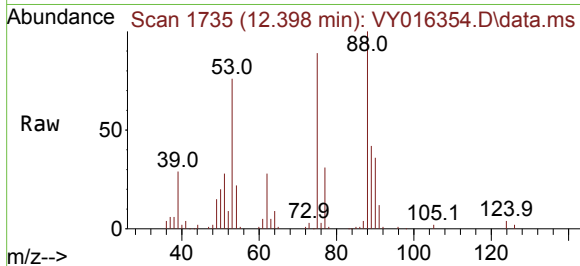




#81
trans-1,4-Dichloro-2-butene
Concen: 49.782 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

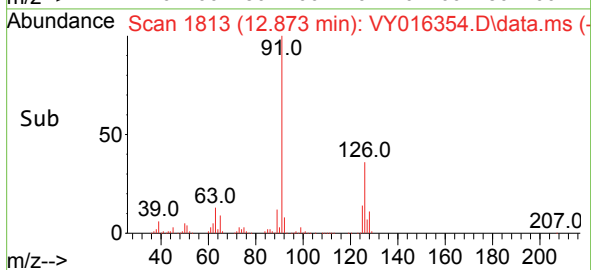
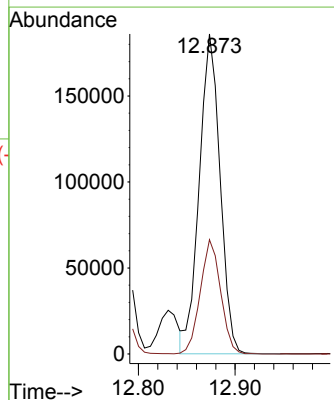
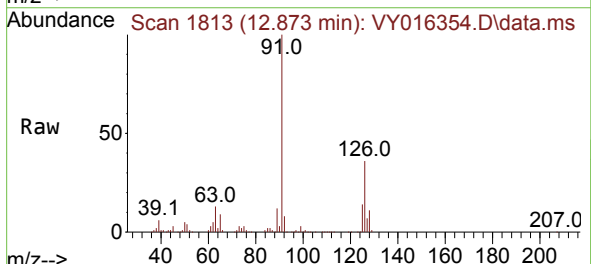
Instrument :
MSVOA_Y
ClientSampleId :

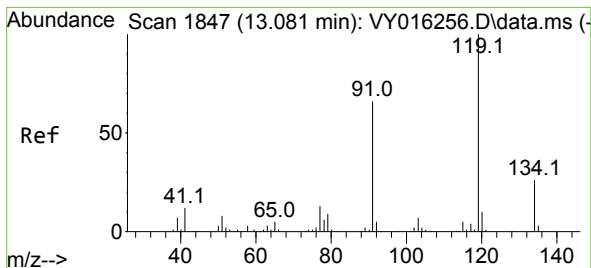
Tgt Ion: 75 Resp: 21493
Ion Ratio Lower Upper
75 100
53 83.8 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.224 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 91 Resp: 278030
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.670 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

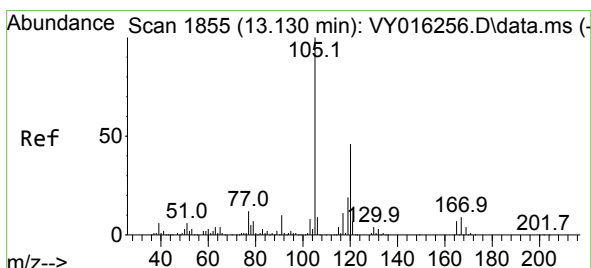
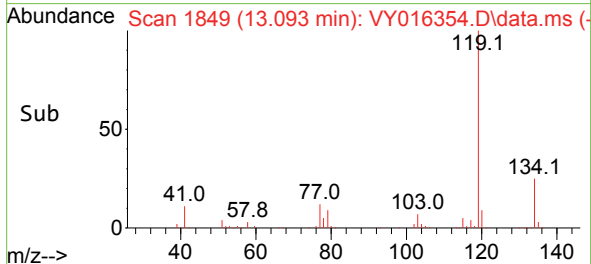
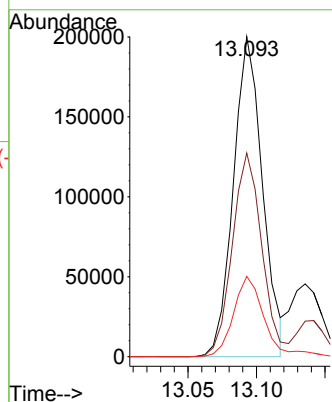
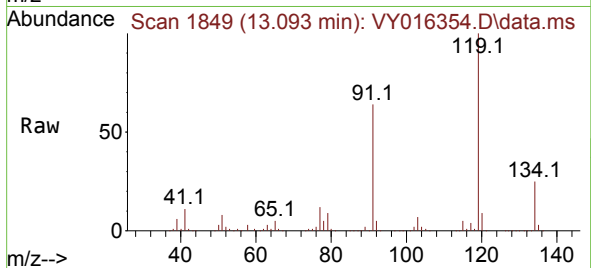
Tgt Ion:119 Resp: 295895

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.705 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016354.D

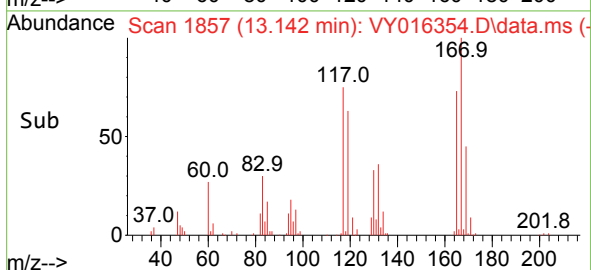
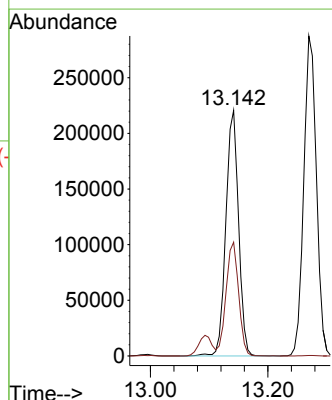
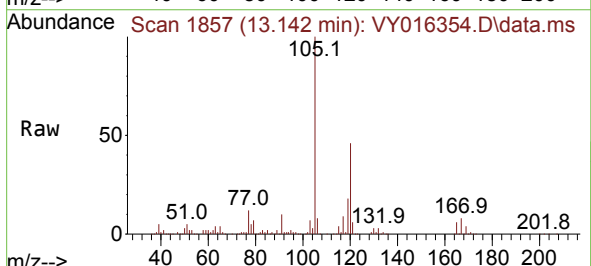
Acq: 15 Nov 2023 08:36

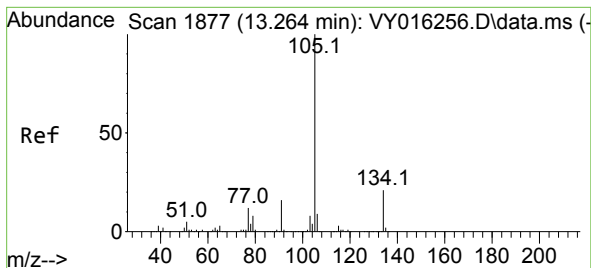
Tgt Ion:105 Resp: 330998

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.268 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

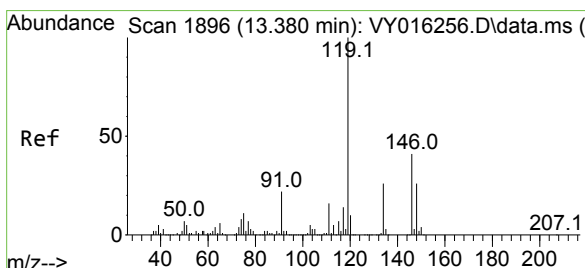
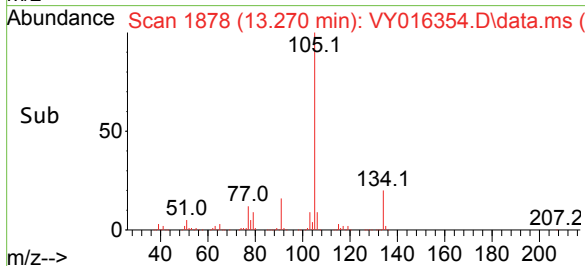
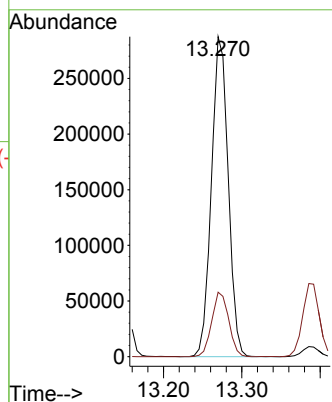
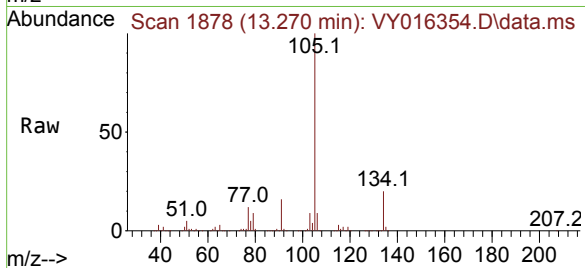
ClientSampleId :

Tgt Ion:105 Resp: 427522

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.503 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

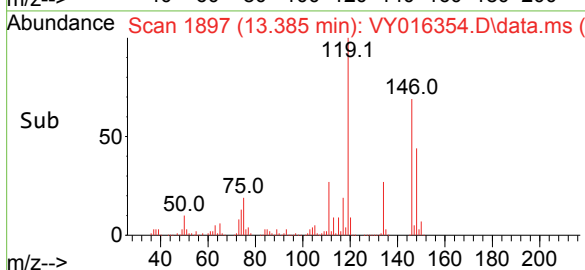
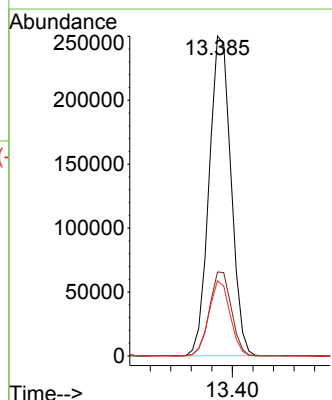
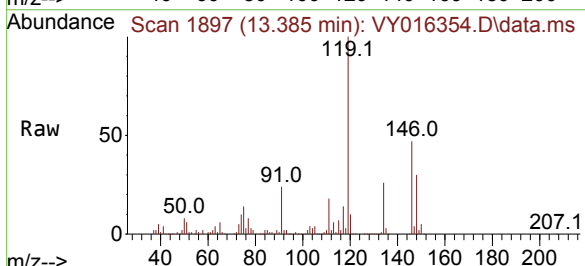
Tgt Ion:119 Resp: 369753

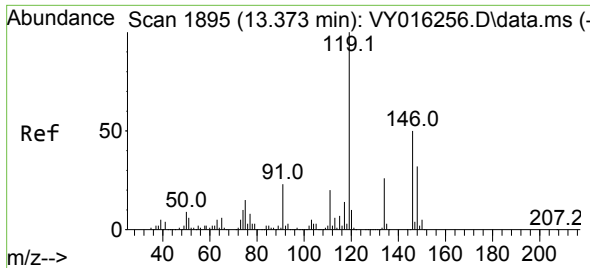
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.8 12.4 37.4

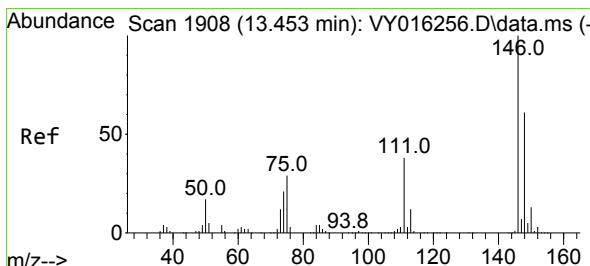
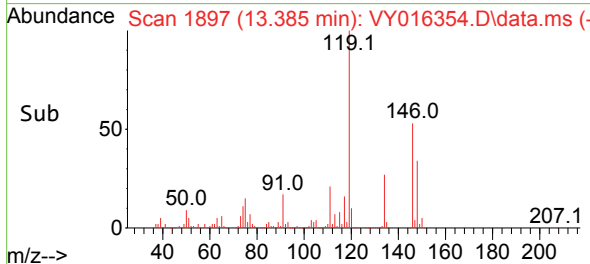
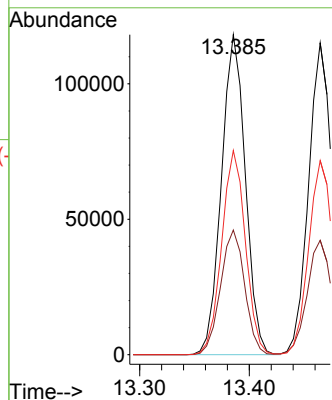
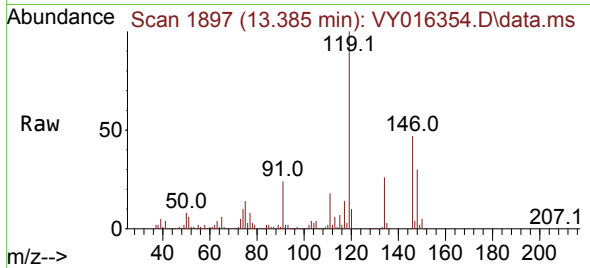




#87
1,3-Dichlorobenzene
Concen: 52.113 ug/l
RT: 13.385 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

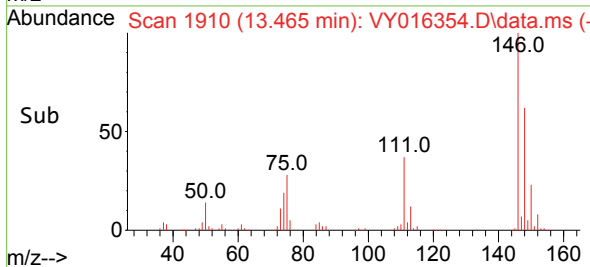
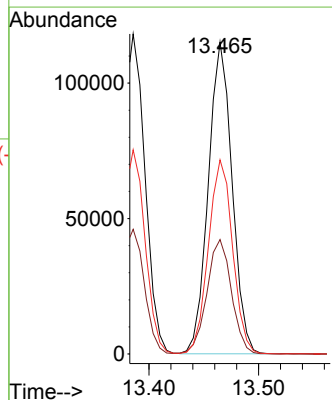
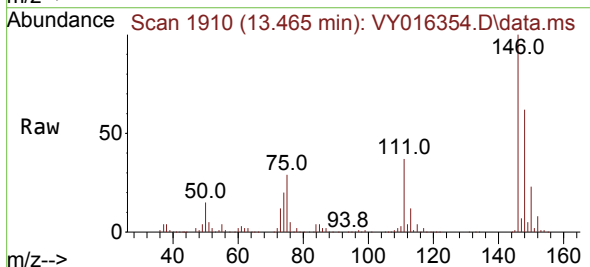
Instrument :
MSVOA_Y
ClientSampleId :

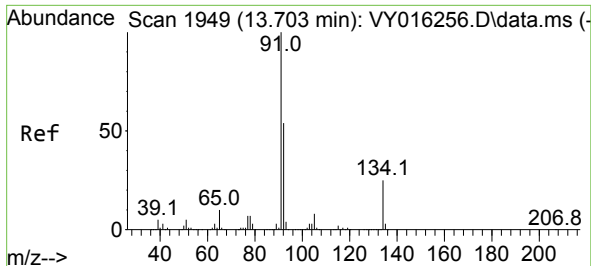
Tgt Ion:146 Resp: 179258
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.646 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion:146 Resp: 173617
Ion Ratio Lower Upper
146 100
111 38.1 18.9 56.7
148 63.5 32.1 96.5

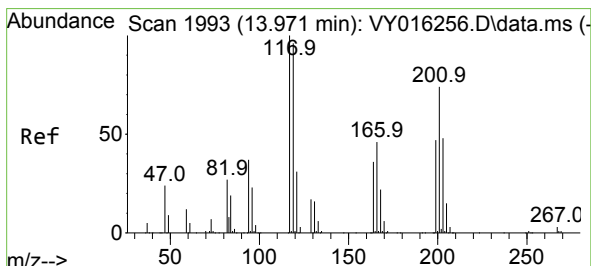
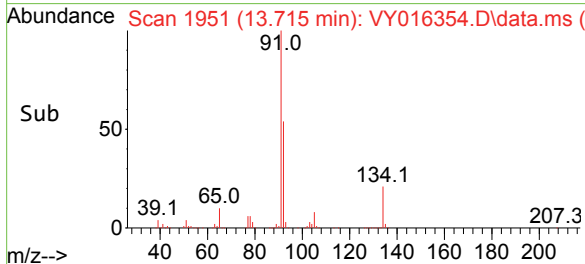
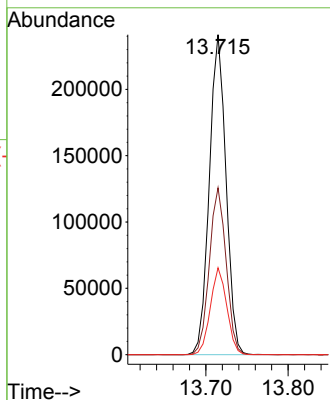
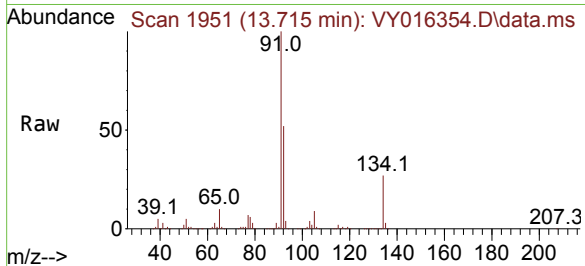




#89
n-Butylbenzene
Concen: 53.237 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.012 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

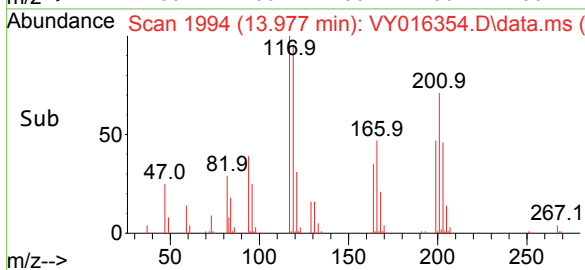
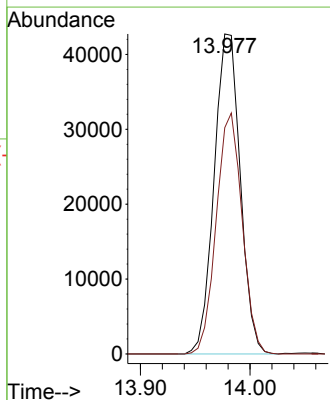
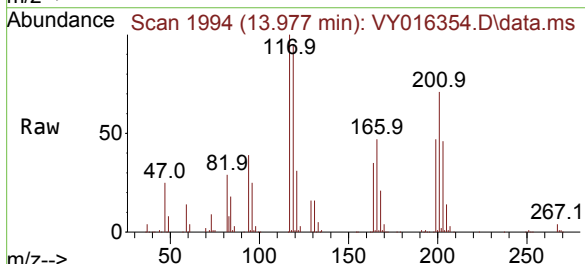
Instrument :
MSVOA_Y
ClientSampleId :

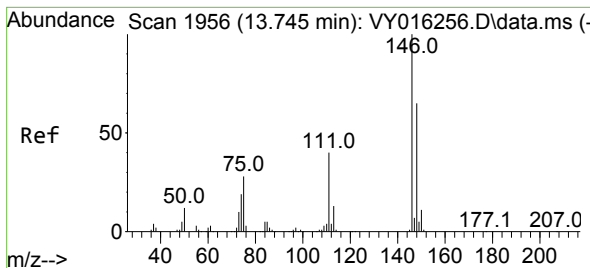
Tgt Ion: 91 Resp: 339770
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 26.8 12.6 37.6



#90
Hexachloroethane
Concen: 53.114 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016354.D
Acq: 15 Nov 2023 08:36

Tgt Ion: 117 Resp: 70808
Ion Ratio Lower Upper
117 100
201 74.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.652 ug/l

RT: 13.757 min Scan# 1956

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

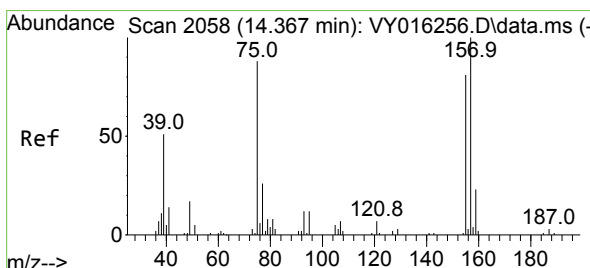
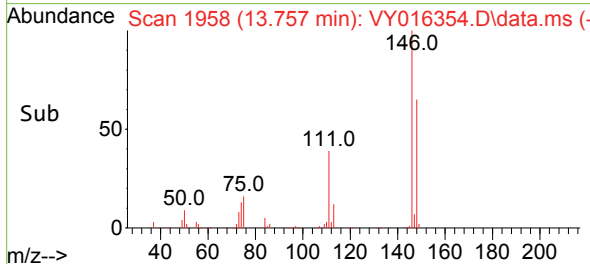
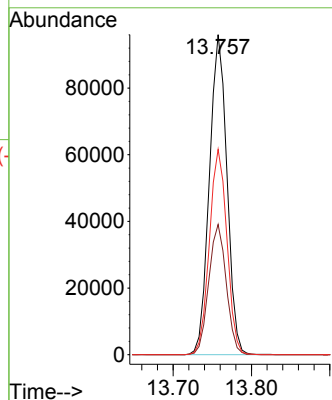
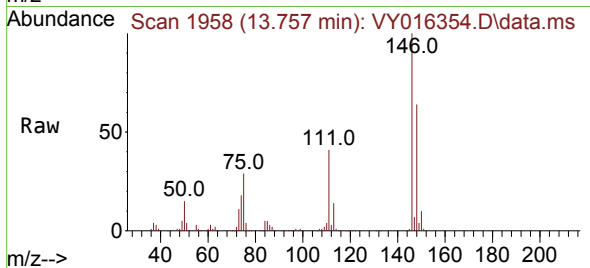
Tgt Ion:146 Resp: 149299

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.429 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

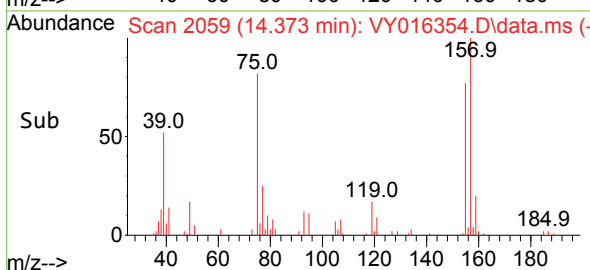
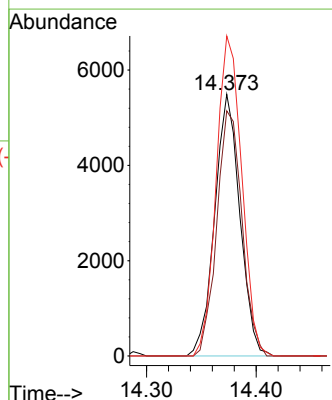
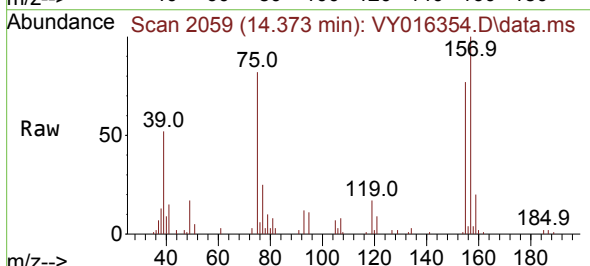
Tgt Ion: 75 Resp: 8771

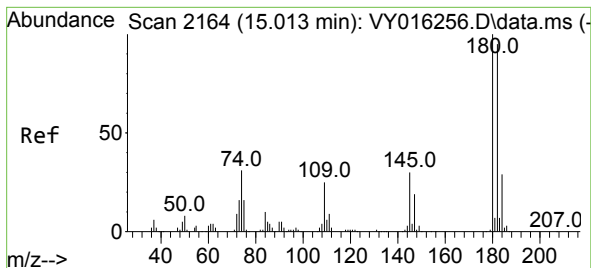
Ion Ratio Lower Upper

75 100

155 93.5 41.5 124.6

157 123.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.743 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

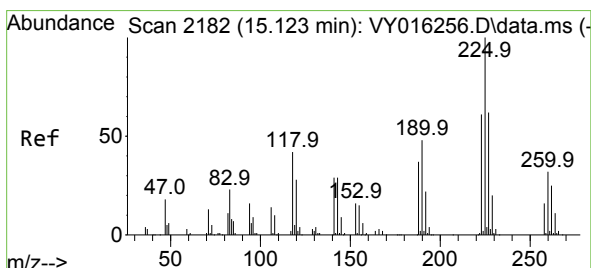
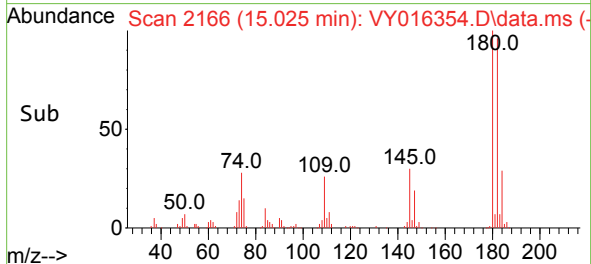
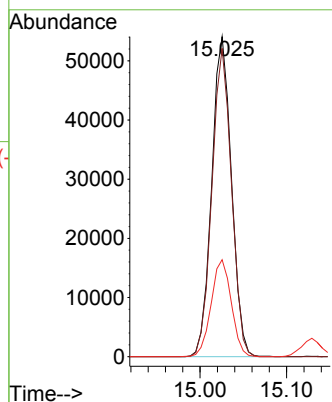
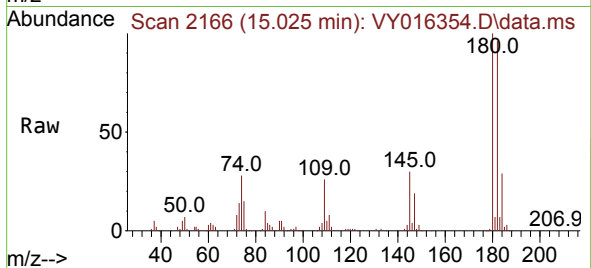
Tgt Ion:180 Resp: 85583

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.910 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

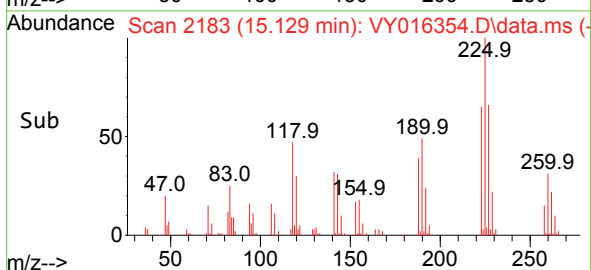
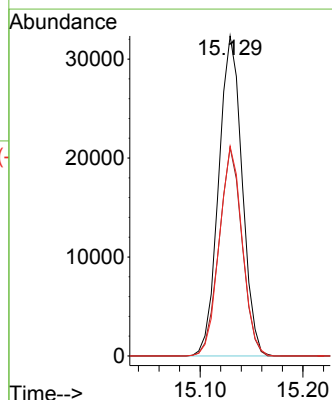
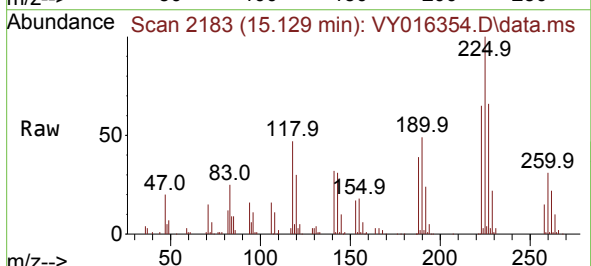
Tgt Ion:225 Resp: 51167

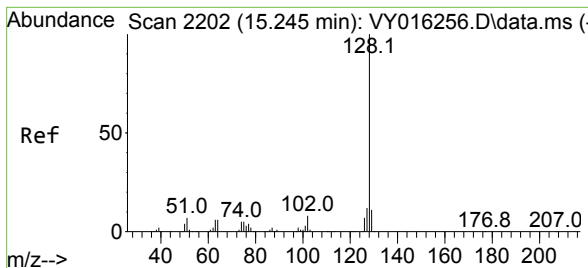
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 47.484 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Instrument :

MSVOA_Y

ClientSampleId :

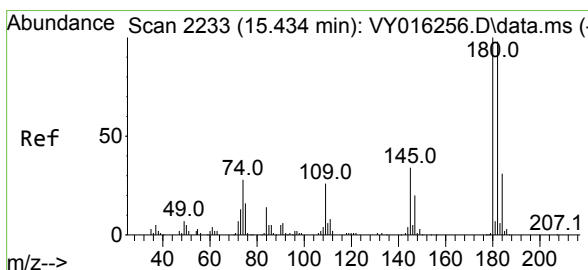
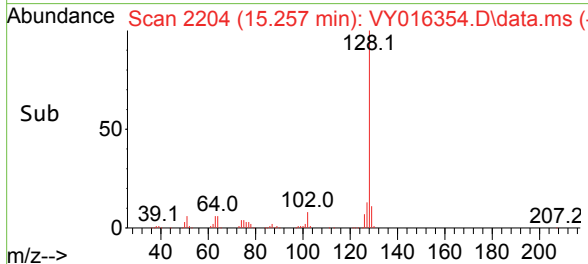
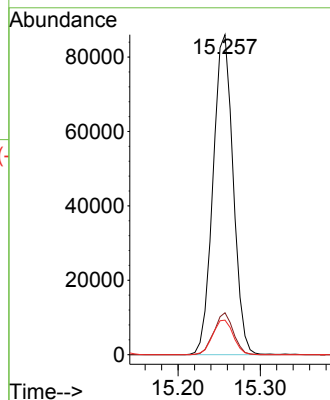
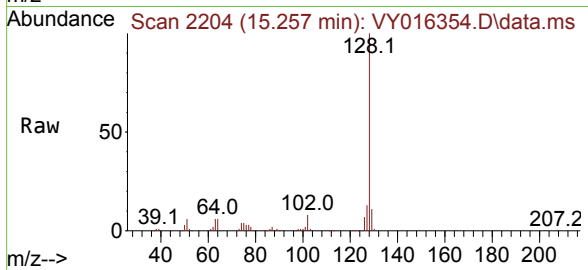
Tgt Ion:128 Resp: 146115

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.102 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016354.D

Acq: 15 Nov 2023 08:36

Tgt Ion:180 Resp: 68451

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 32.3 15.4 46.2

