

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015634.D
 Acq On : 18 Sep 2023 22:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:10:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	149834	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	255251	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	236591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75104	46.759	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.520%
35) Dibromofluoromethane	7.728	113	71332	48.519	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.185	98	231723	43.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.040%
62) 4-Bromofluorobenzene	12.483	95	91884	46.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	42734	32.811	ug/l	94
3) Chloromethane	2.113	50	72411	41.862	ug/l	95
4) Vinyl Chloride	2.253	62	80427	39.947	ug/l	96
5) Bromomethane	2.656	94	66218	46.223	ug/l	98
6) Chloroethane	2.796	64	59609	45.044	ug/l	94
7) Trichlorofluoromethane	3.131	101	121480	42.656	ug/l	100
8) Diethyl Ether	3.534	74	52627	54.072	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	73083	46.300	ug/l	95
10) Methyl Iodide	4.101	142	83063	44.811	ug/l	99
11) Tert butyl alcohol	4.984	59	74692	205.847	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	70132	47.086	ug/l	93
13) Acrolein	3.741	56	67132	155.082	ug/l	99
14) Allyl chloride	4.485	41	123870	52.234	ug/l	93
15) Acrylonitrile	5.173	53	180675	295.012	ug/l	98
16) Acetone	3.966	43	160982	240.121	ug/l	95
17) Carbon Disulfide	4.198	76	201965	45.356	ug/l	98
18) Methyl Acetate	4.491	43	154664	63.693	ug/l	95
19) Methyl tert-butyl Ether	5.234	73	260412	53.794	ug/l	99
20) Methylene Chloride	4.722	84	107635	50.106	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	85275	49.719	ug/l	94
22) Diisopropyl ether	6.131	45	287570	55.446	ug/l	93
23) Vinyl Acetate	6.070	43	884041	269.963	ug/l	95
24) 1,1-Dichloroethane	6.027	63	157574	52.556	ug/l	97
25) 2-Butanone	6.996	43	261702	275.222	ug/l	97
26) 2,2-Dichloropropane	6.990	77	116683	45.821	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	103593	53.241	ug/l	93
28) Bromochloromethane	7.344	49	44301	48.184	ug/l	99
29) Tetrahydrofuran	7.356	42	177951	298.012	ug/l	95
30) Chloroform	7.515	83	166236	52.743	ug/l	96
31) Cyclohexane	7.789	56	126728	44.417	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	140760	50.000	ug/l	99
36) 1,1-Dichloropropene	7.923	75	120494	46.676	ug/l	99
37) Ethyl Acetate	7.082	43	112864	56.688	ug/l	98
38) Carbon Tetrachloride	7.905	117	123828	46.444	ug/l	99
39) Methylcyclohexane	9.191	83	141664	43.589	ug/l	93
40) Benzene	8.167	78	361384	50.176	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	153799	164.729	ug/l #	28
42) 1,2-Dichloroethane	8.246	62	119539	49.773	ug/l	95
43) Isopropyl Acetate	8.277	43	188507	54.754	ug/l	98
44) Trichloroethene	8.947	130	98589	48.381	ug/l	99
45) 1,2-Dichloropropane	9.222	63	95846	52.789	ug/l	99
46) Dibromomethane	9.313	93	62165	51.544	ug/l	95
47) Bromodichloromethane	9.502	83	133247	51.663	ug/l	98
48) Methyl methacrylate	9.301	41	85835	54.339	ug/l	91
49) 1,4-Dioxane	9.313	88	24622	1099.108	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	578734	289.215	ug/l	94
52) Toluene	10.246	92	228957	49.598	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	143537	52.366	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	155221	52.058	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	87421	53.796	ug/l	98
56) Ethyl methacrylate	10.514	69	133721	55.529	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	150446	53.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	147485	171.584	ug/l	96
59) 2-Hexanone	10.837	43	428643	285.479	ug/l	91
60) Dibromochloromethane	10.990	129	101588	53.410	ug/l	99
61) 1,2-Dibromoethane	11.093	107	88629	53.825	ug/l	98
64) Tetrachloroethene	10.727	164	107966	50.276	ug/l	98
65) Chlorobenzene	11.520	112	253171	49.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	95570	51.215	ug/l	98
67) Ethyl Benzene	11.599	91	450150	49.172	ug/l	99
68) m/p-Xylenes	11.709	106	343770	96.879	ug/l	96
69) o-Xylene	12.032	106	165955	48.937	ug/l	100
70) Styrene	12.050	104	288468	50.590	ug/l	97
71) Bromoform	12.215	173	70803	54.393	ug/l #	100
73) Isopropylbenzene	12.331	105	433956	47.654	ug/l	100
74) N-amyl acetate	12.148	43	163619	53.480	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	116311	53.504	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	154275	95.959	ug/l #	100
77) Bromobenzene	12.611	156	105747	49.029	ug/l	94
78) n-propylbenzene	12.672	91	530243	48.121	ug/l	100
79) 2-Chlorotoluene	12.764	91	299463	48.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	363753	47.756	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	38358	52.630	ug/l	96
82) 4-Chlorotoluene	12.861	91	310189	48.291	ug/l	100
83) tert-Butylbenzene	13.081	119	313778	47.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	364342	48.176	ug/l	99
85) sec-Butylbenzene	13.257	105	469003	47.132	ug/l	99
86) p-Isopropyltoluene	13.373	119	392602	47.075	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	204930	48.128	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	206667	48.016	ug/l	98
89) n-Butylbenzene	13.702	91	363692	46.332	ug/l	97
90) Hexachloroethane	13.965	117	74229	49.765	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	192129	49.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23269	54.110	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	116503	47.741	ug/l	99
94) Hexachlorobutadiene	15.117	225	57652	43.325	ug/l	99
95) Naphthalene	15.239	128	320268	52.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	110779	49.768	ug/l	99

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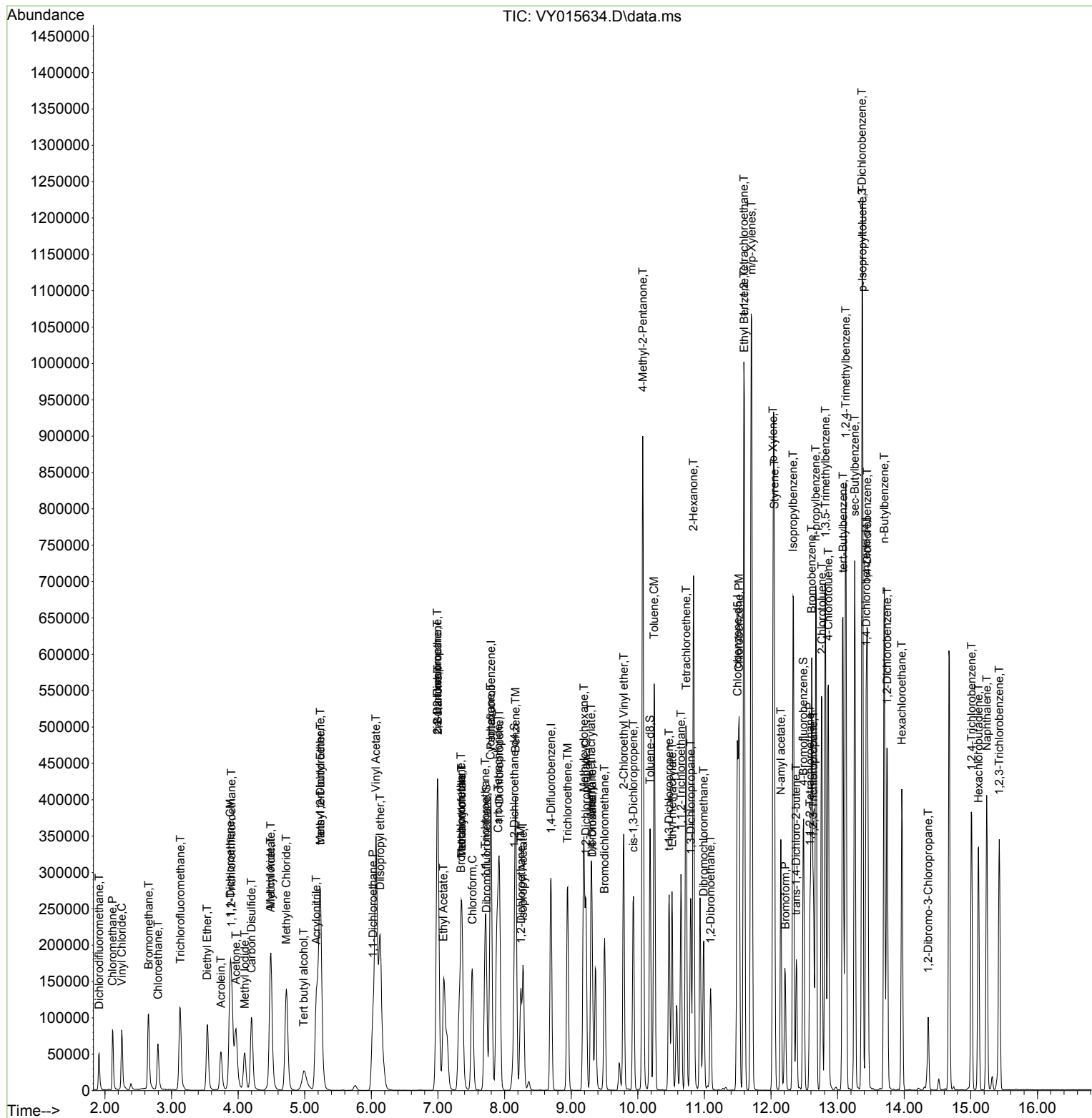
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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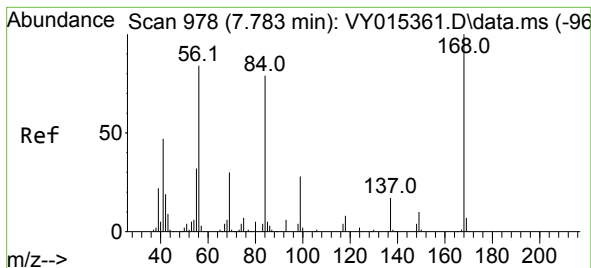
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

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Instrument :

MSVOA_Y

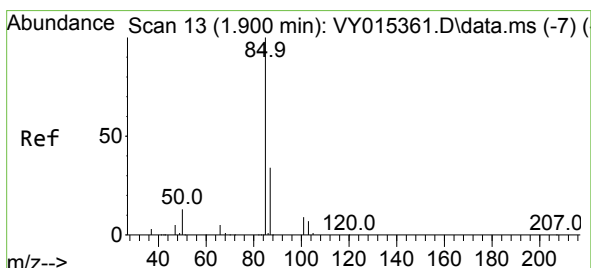
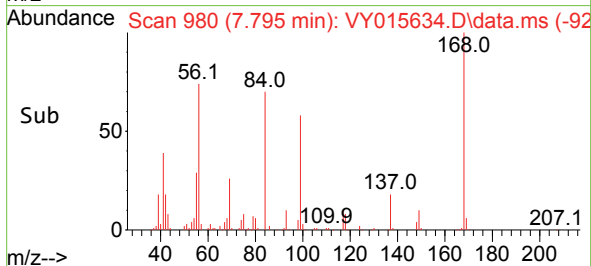
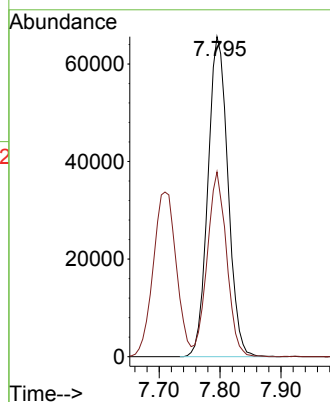
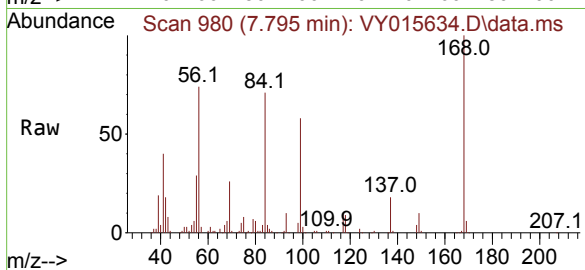
ClientSampleId :

Tgt Ion:168 Resp: 149834

Ion Ratio Lower Upper

168 100

99 57.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 32.811 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY015634.D

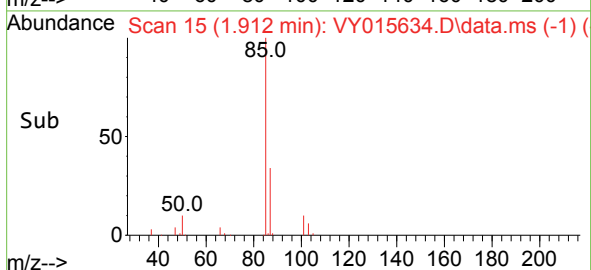
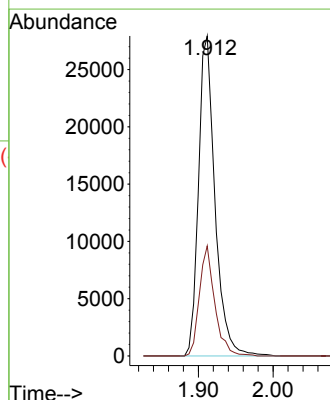
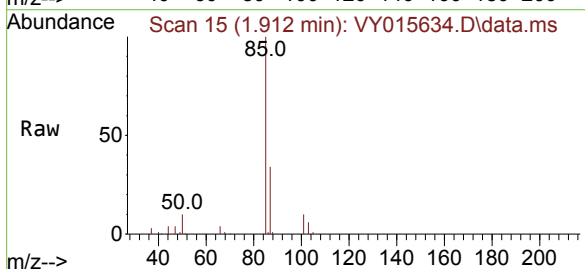
Acq: 18 Sep 2023 22:50

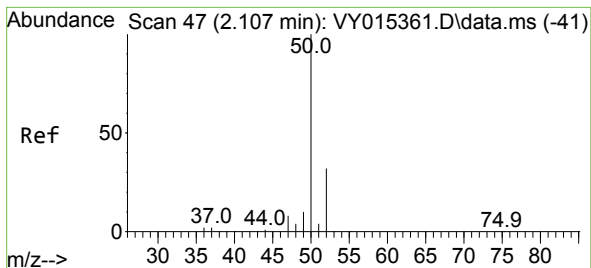
Tgt Ion: 85 Resp: 42734

Ion Ratio Lower Upper

85 100

87 34.4 15.6 46.8





#3

Chloromethane

Concen: 41.862 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

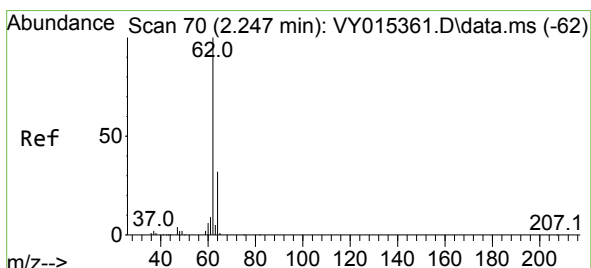
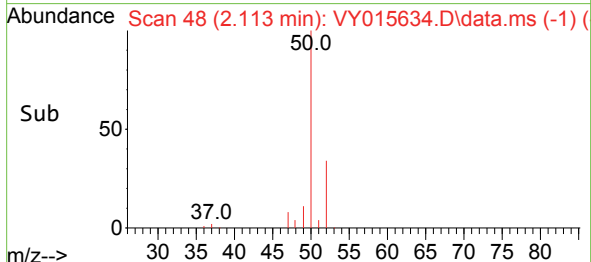
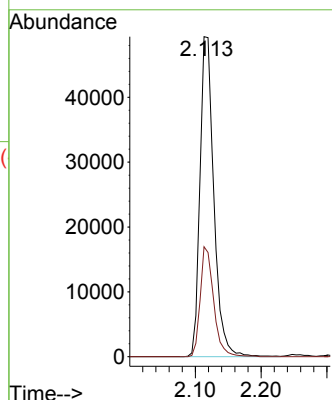
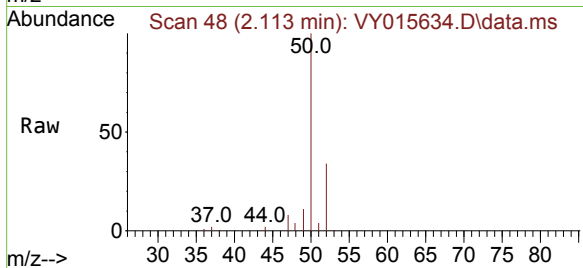
ClientSampleId :

Tgt Ion: 50 Resp: 72411

Ion Ratio Lower Upper

50 100

52 34.3 25.4 38.2



#4

Vinyl Chloride

Concen: 39.947 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015634.D

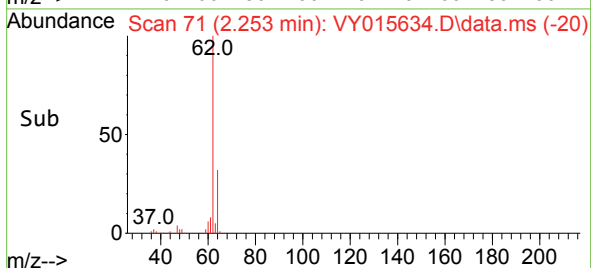
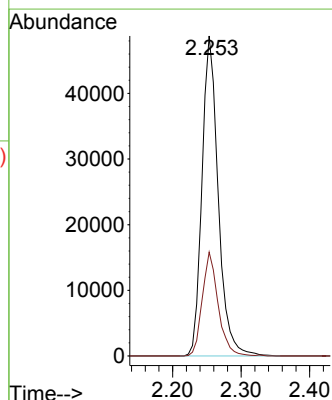
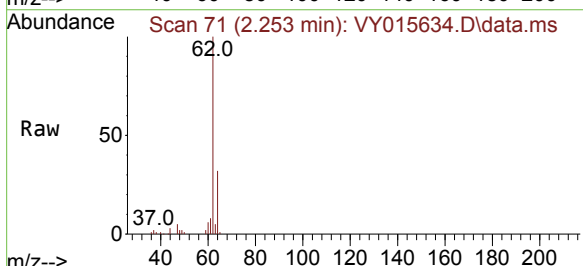
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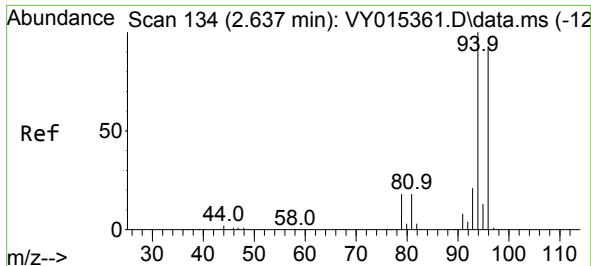
Tgt Ion: 62 Resp: 80427

Ion Ratio Lower Upper

62 100

64 32.5 24.3 36.5





#5

Bromomethane

Concen: 46.223 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

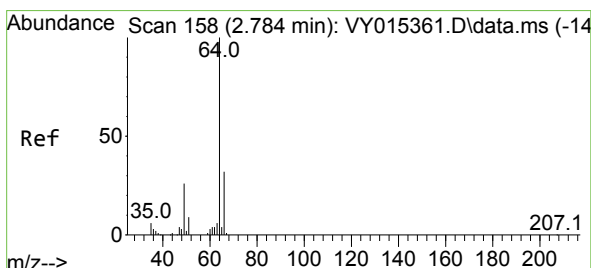
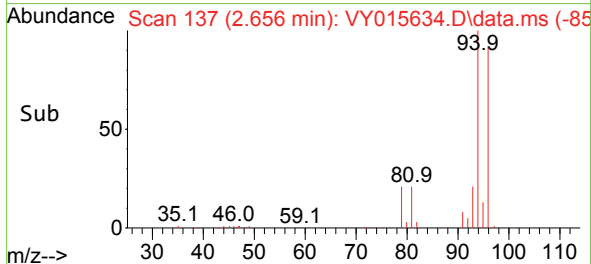
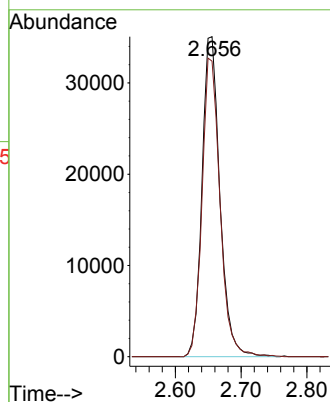
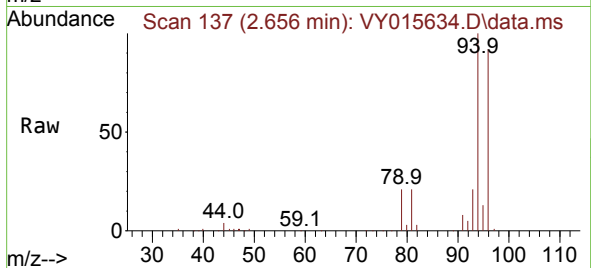
ClientSampleId :

Tgt Ion: 94 Resp: 66218

Ion Ratio Lower Upper

94 100

96 92.3 75.8 113.6



#6

Chloroethane

Concen: 45.044 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015634.D

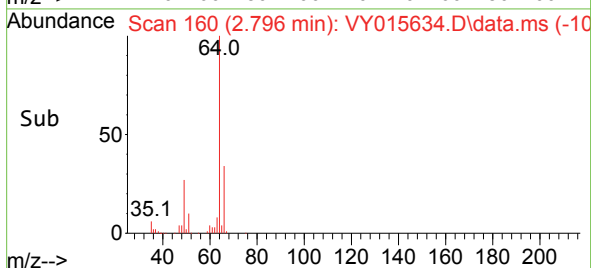
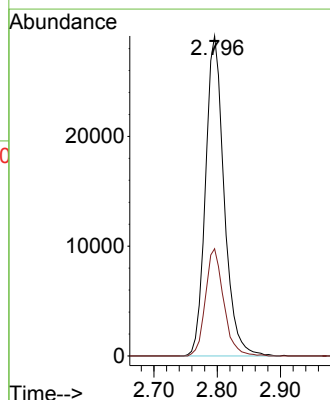
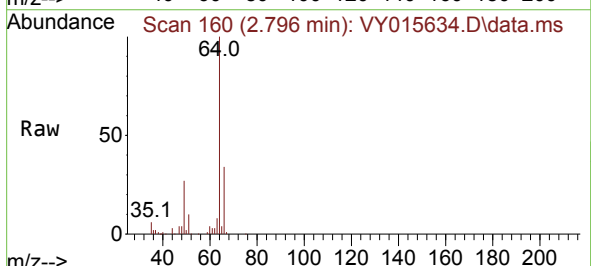
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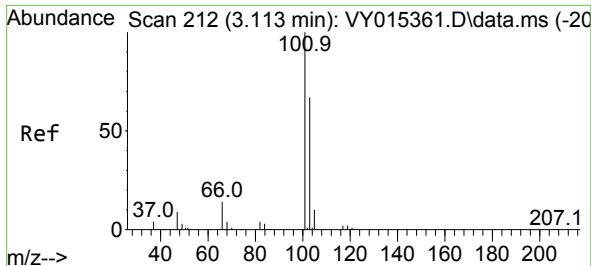
Tgt Ion: 64 Resp: 59609

Ion Ratio Lower Upper

64 100

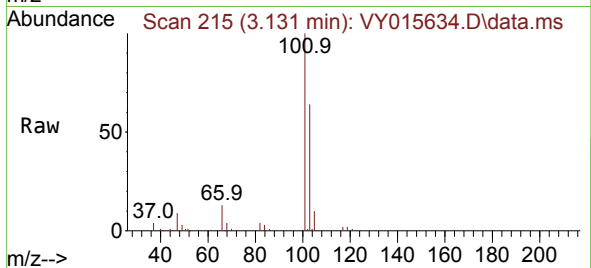
66 33.5 24.4 36.6



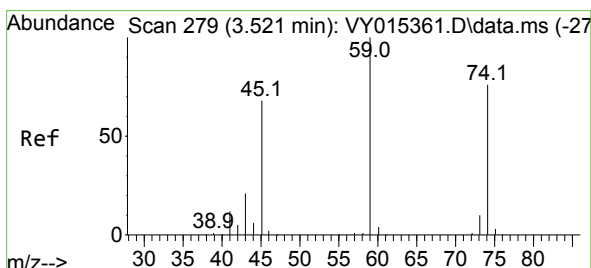
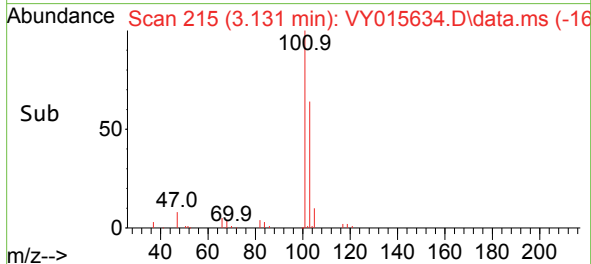
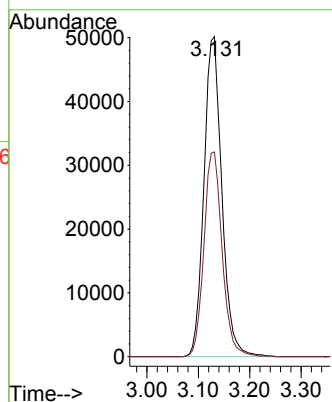


#7
 Trichlorofluoromethane
 Concen: 42.656 ug/l
 RT: 3.131 min Scan# 212
 Delta R.T. 0.018 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

Instrument :
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 ClientSampleId :

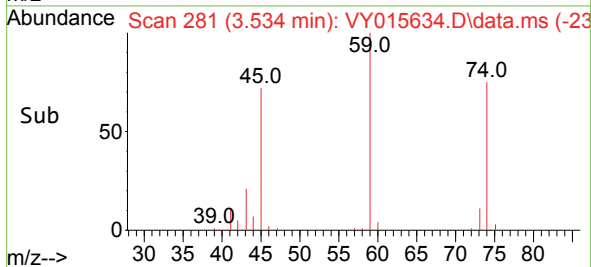
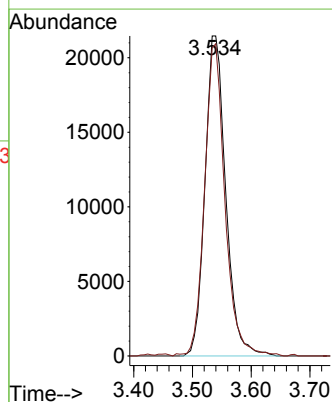
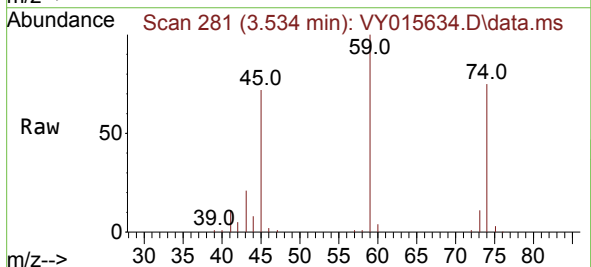


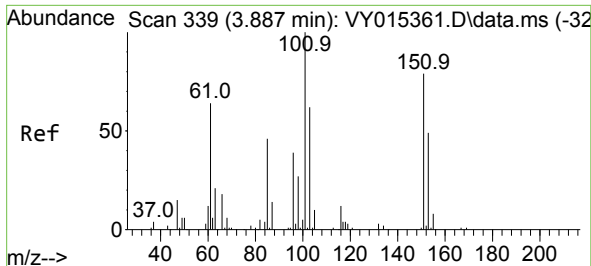
Tgt Ion:101 Resp: 121480
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.072 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

Tgt Ion: 74 Resp: 52627
 Ion Ratio Lower Upper
 74 100
 45 96.0 51.5 154.5

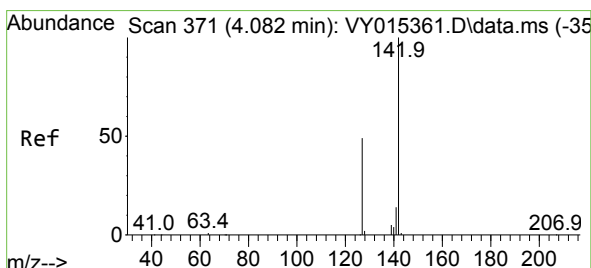
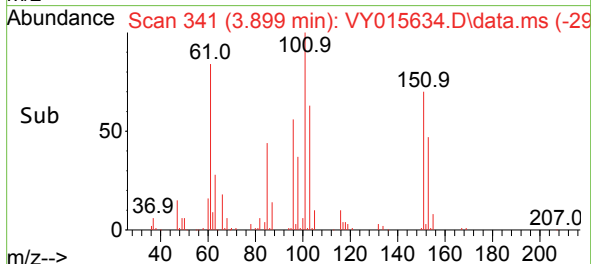
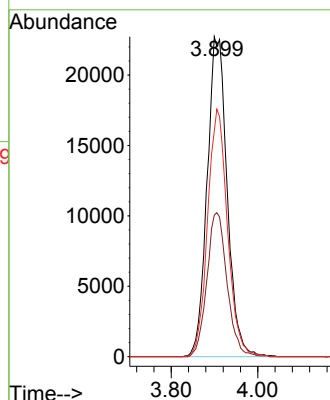
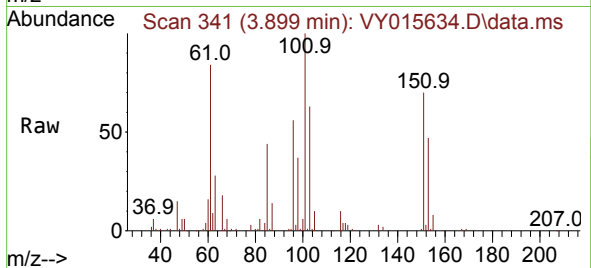




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.300 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

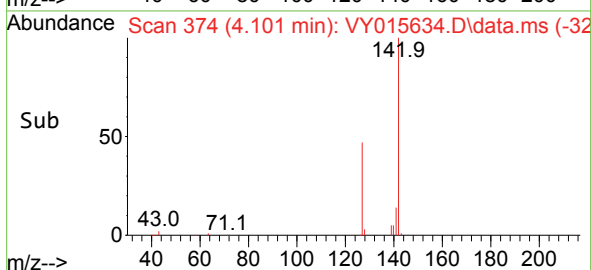
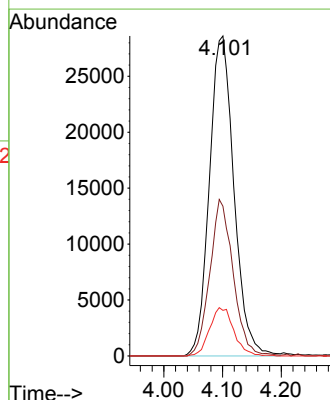
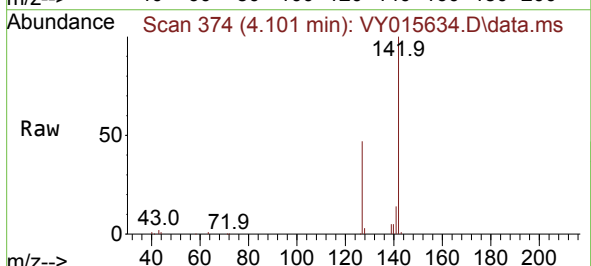
Instrument :
MSVOA_Y
ClientSampleId :

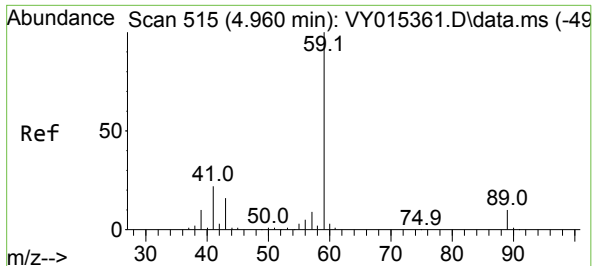
Tgt Ion:101 Resp: 73083
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.8 67.0 100.6



#10
Methyl Iodide
Concen: 44.811 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion:142 Resp: 83063
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 205.847 ug/l

RT: 4.984 min Scan# 51

Delta R.T. 0.030 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

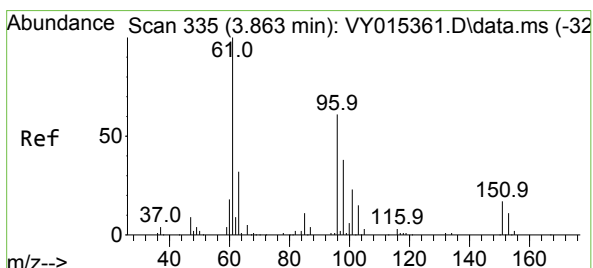
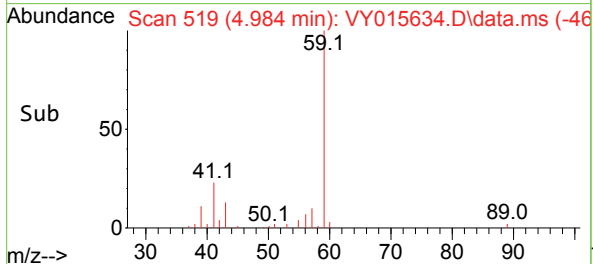
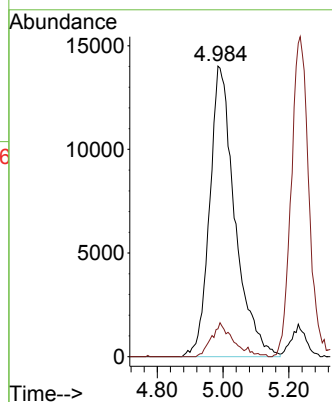
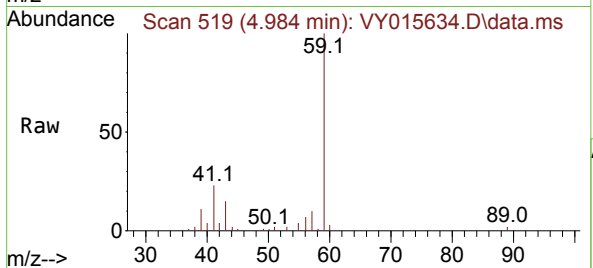
ClientSampleId :

Tgt Ion: 59 Resp: 74692

Ion Ratio Lower Upper

59 100

57 9.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 47.086 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.018 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

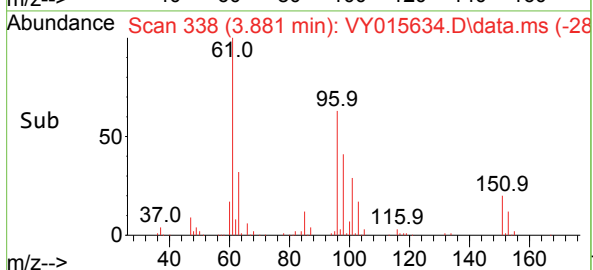
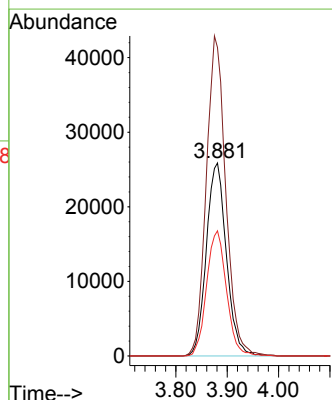
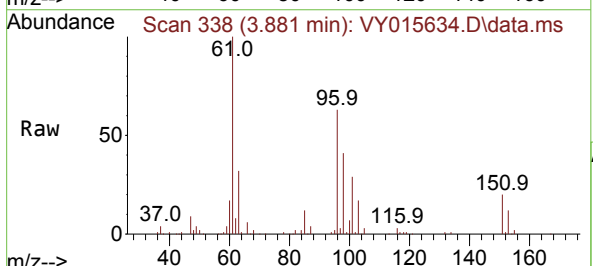
Tgt Ion: 96 Resp: 70132

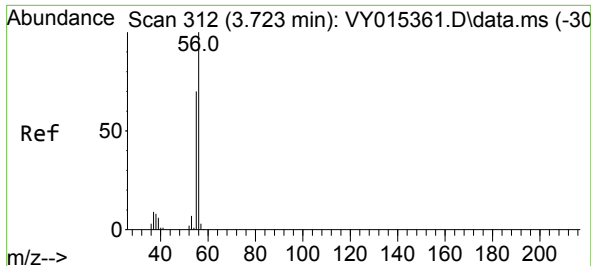
Ion Ratio Lower Upper

96 100

61 159.8 136.4 204.6

98 64.8 49.4 74.2





#13

Acrolein

Concen: 155.082 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

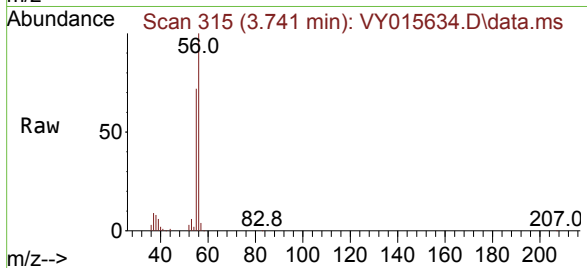
Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

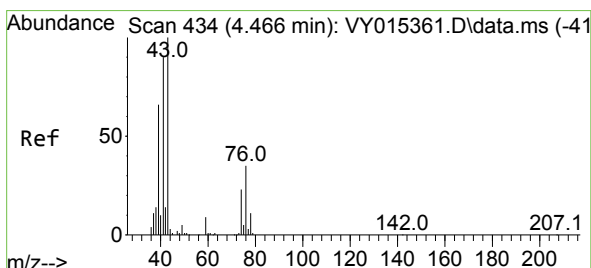
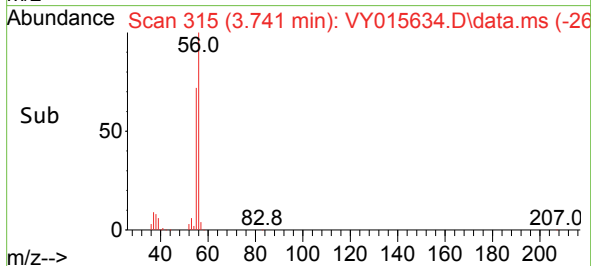
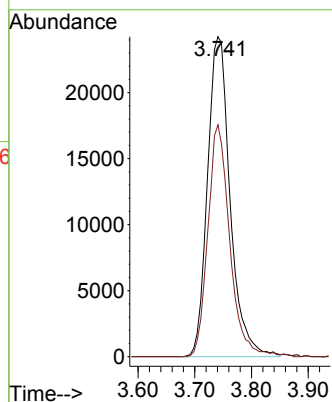


Tgt Ion: 56 Resp: 67132

Ion Ratio Lower Upper

56 100

55 70.1 57.0 85.4



#14

Allyl chloride

Concen: 52.234 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

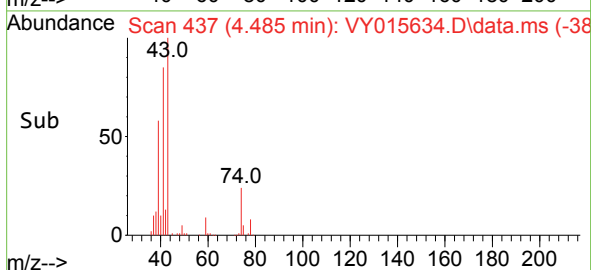
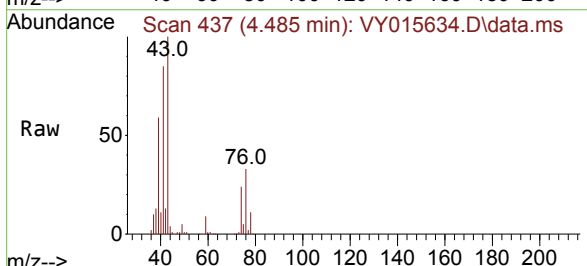
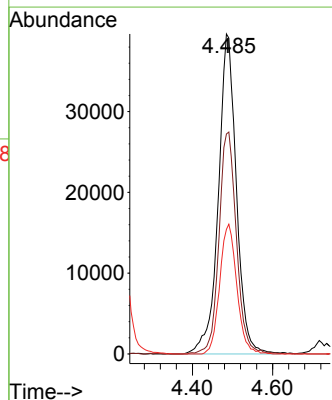
Tgt Ion: 41 Resp: 123870

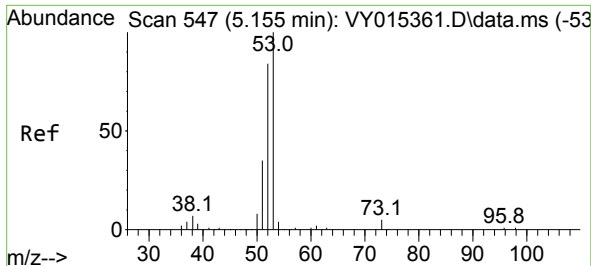
Ion Ratio Lower Upper

41 100

39 67.2 58.0 87.0

76 38.4 27.4 41.2

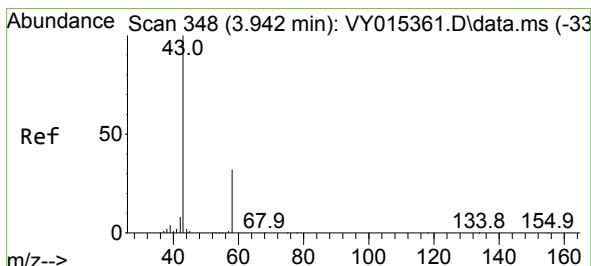
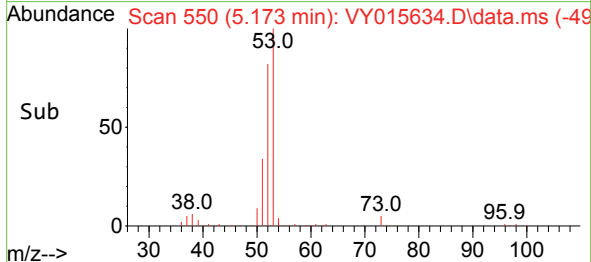
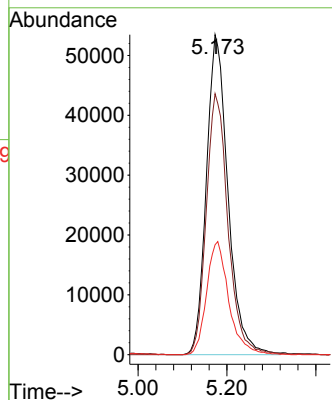
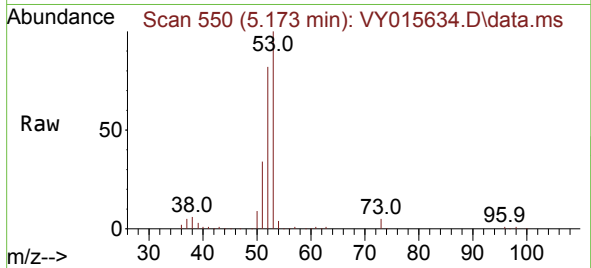




#15
Acrylonitrile
Concen: 295.012 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

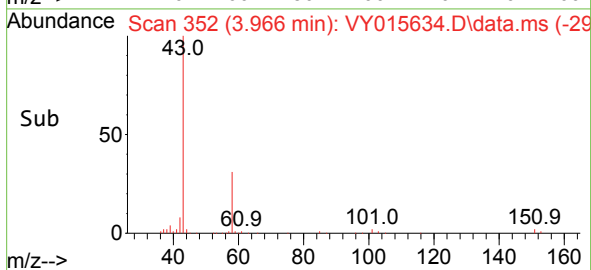
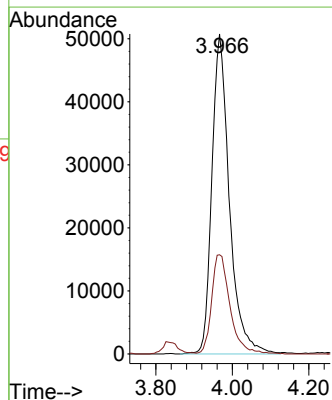
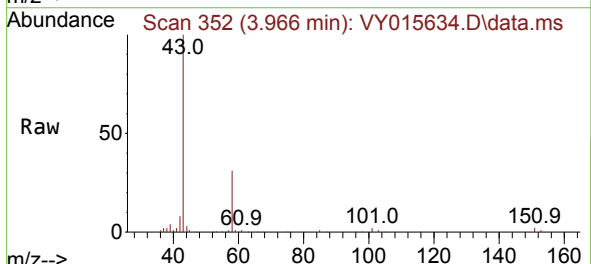
Instrument :
MSVOA_Y
ClientSampleId :

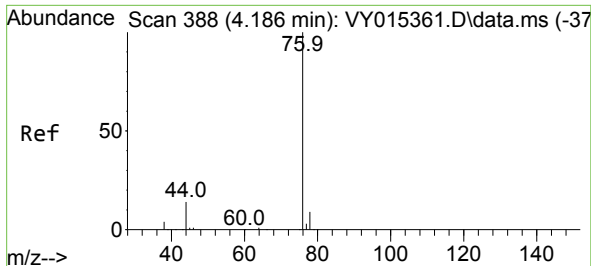
Tgt Ion: 53 Resp: 180675
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 240.121 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 43 Resp: 160982
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1

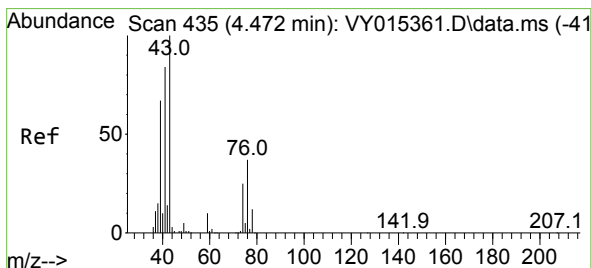
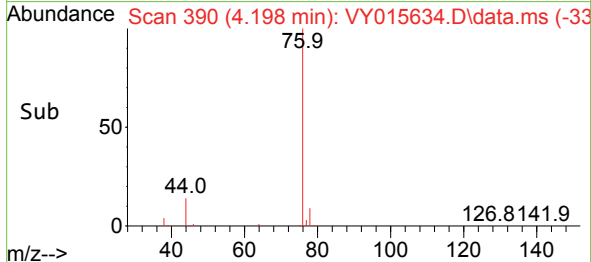
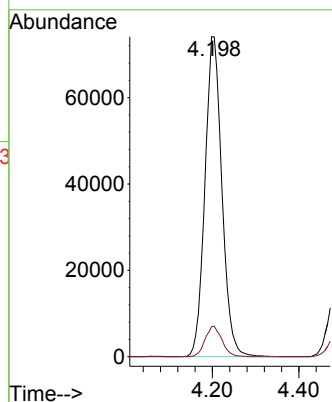
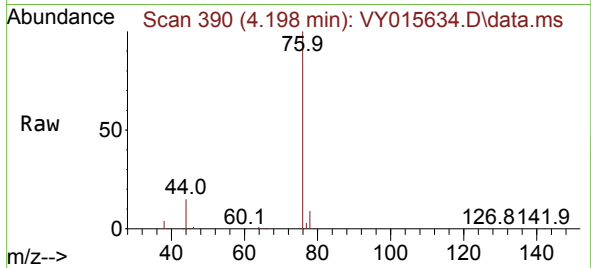




#17
Carbon Disulfide
Concen: 45.356 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

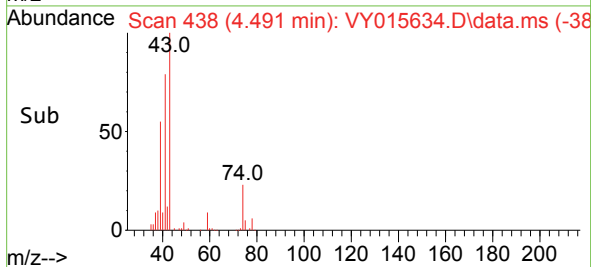
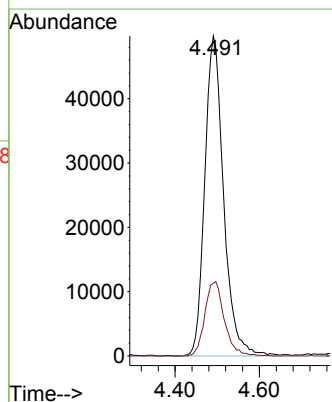
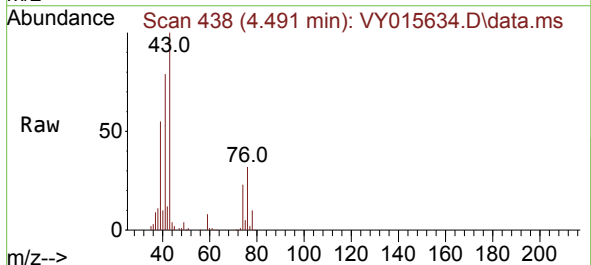
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 201965
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 63.693 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 43 Resp: 154664
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 53.794 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

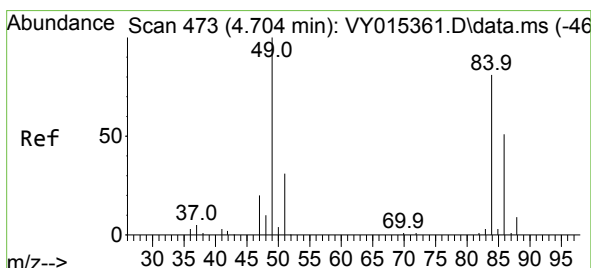
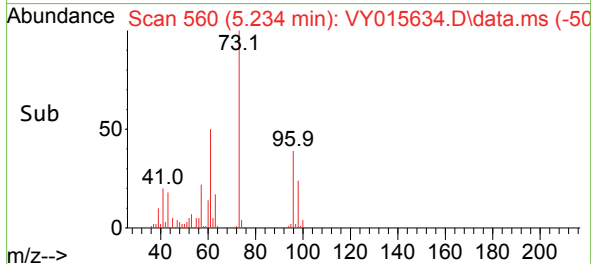
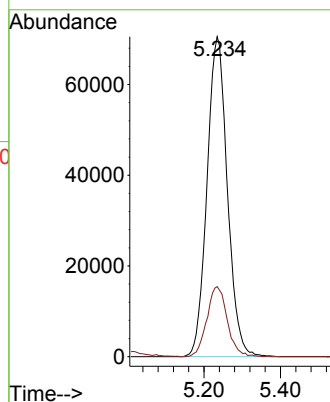
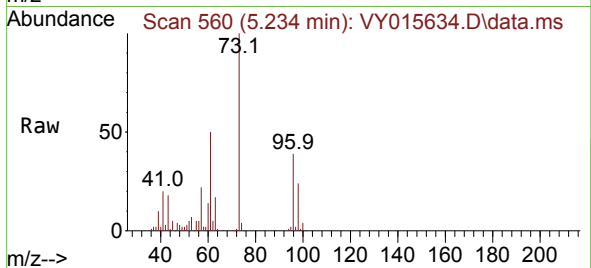
ClientSampleId :

Tgt Ion: 73 Resp: 260412

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 50.106 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Tgt Ion: 84 Resp: 107635

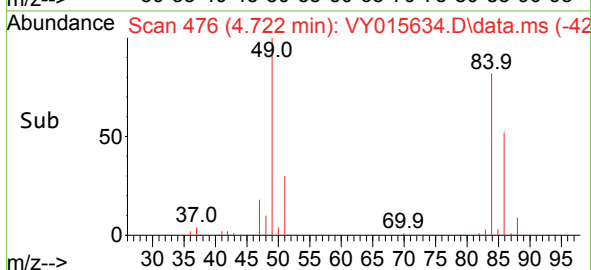
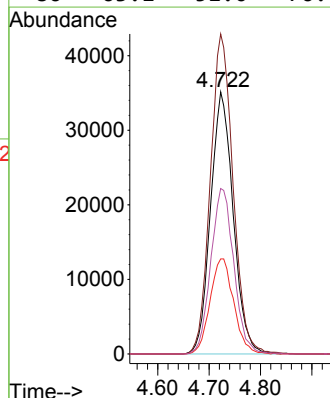
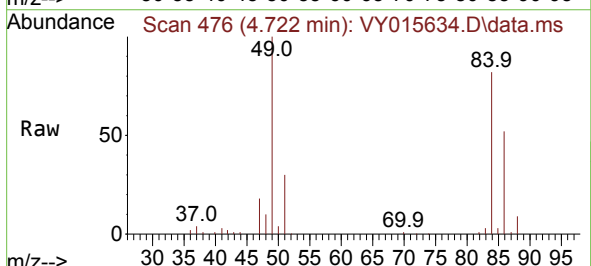
Ion Ratio Lower Upper

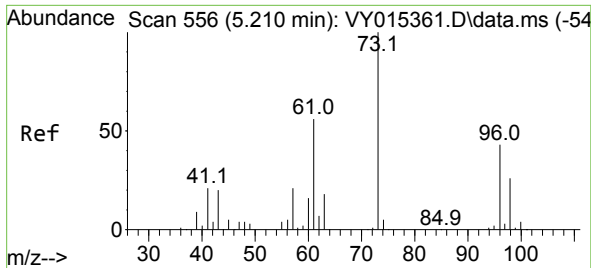
84 100

49 122.1 106.9 160.3

51 36.2 33.2 49.8

86 63.1 51.0 76.6

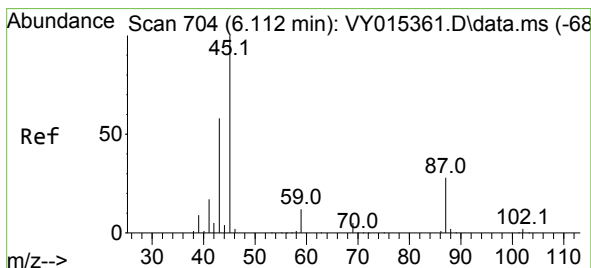
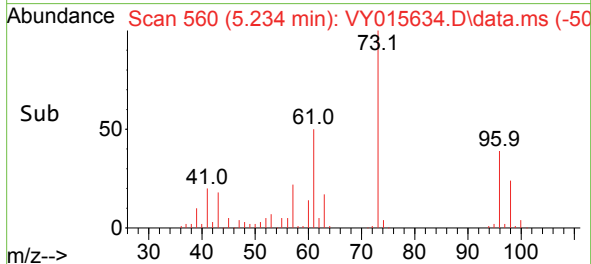
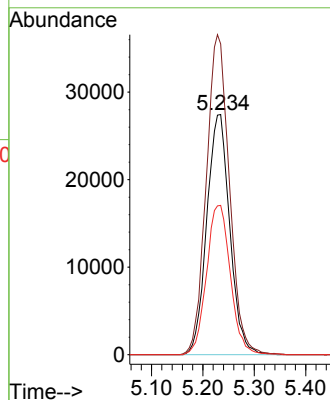
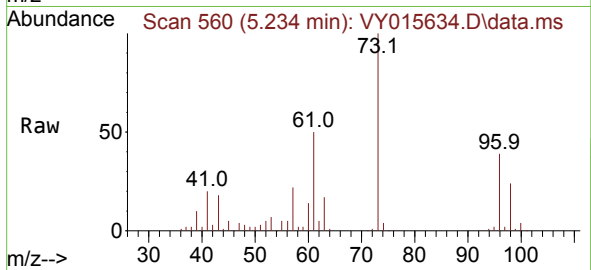




#21
trans-1,2-Dichloroethene
Concen: 49.719 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

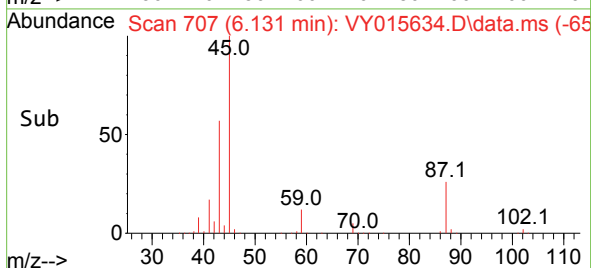
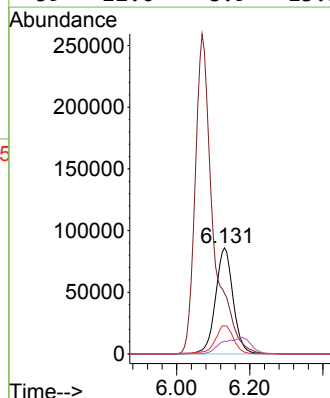
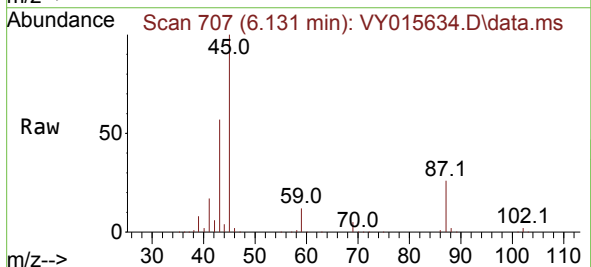
Instrument :
MSVOA_Y
ClientSampleId :

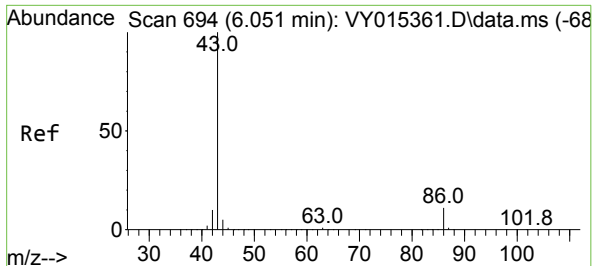
Tgt Ion: 96 Resp: 85275
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 62.1 51.8 77.6



#22
Diisopropyl ether
Concen: 55.446 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 45 Resp: 287570
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 26.3 21.0 31.6
59 12.0 8.9 13.3

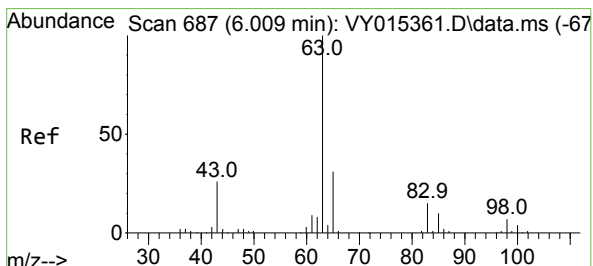
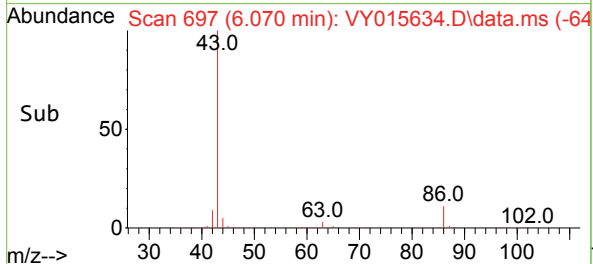
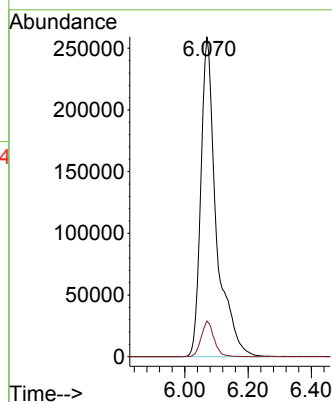
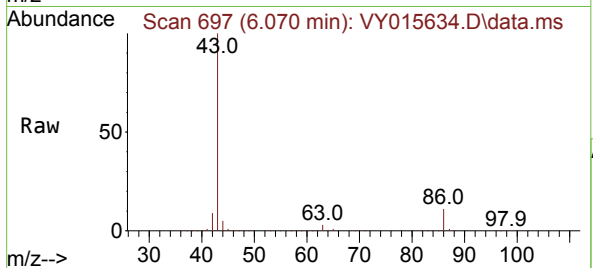




#23
 Vinyl Acetate
 Concen: 269.963 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

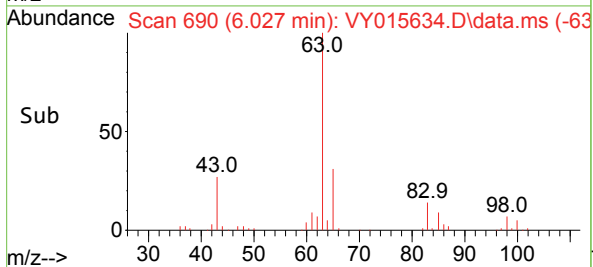
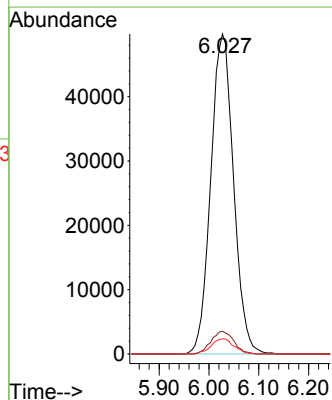
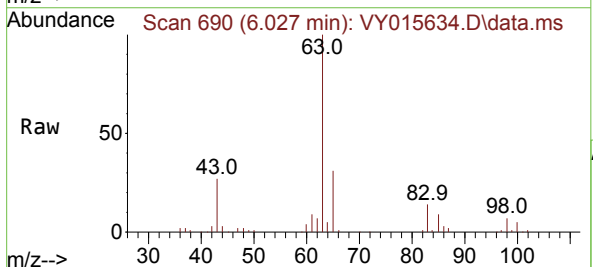
Instrument :
 MSVOA_Y
 ClientSampleId :

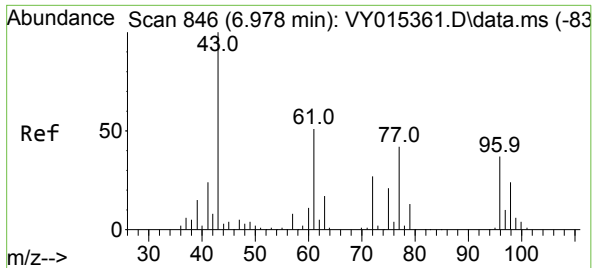
Tgt Ion: 43 Resp: 884041
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.556 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

Tgt Ion: 63 Resp: 157574
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.7 1.8 5.5

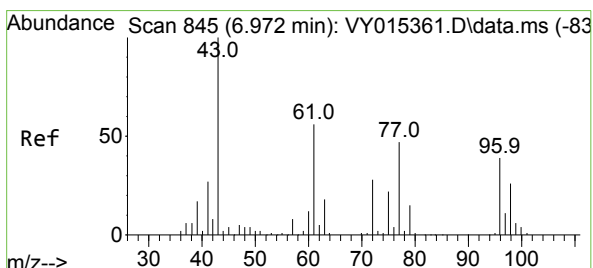
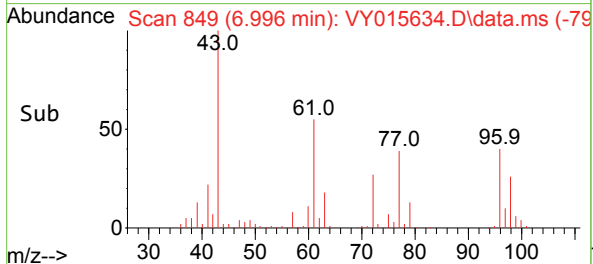
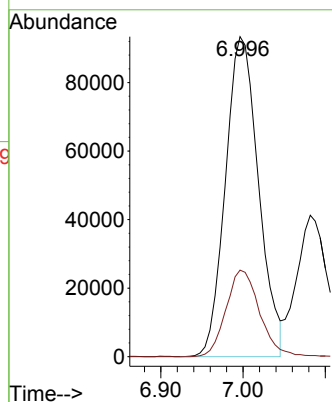
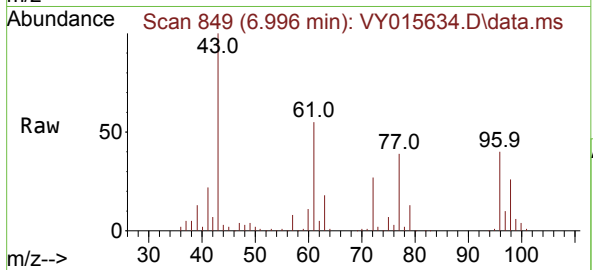




#25
2-Butanone
Concen: 275.222 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

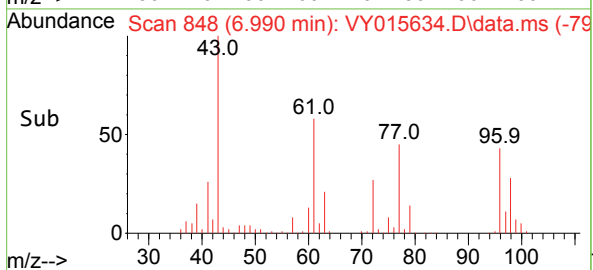
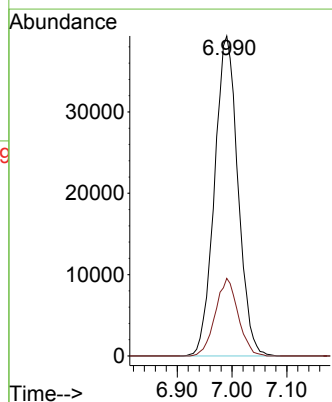
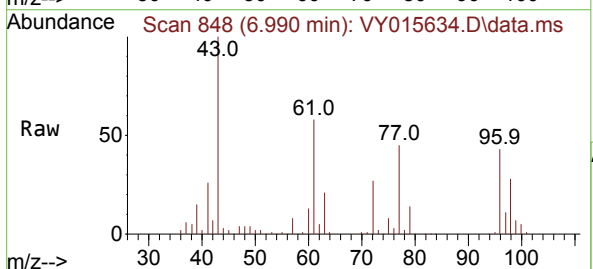
Instrument :
MSVOA_Y
ClientSampleId :

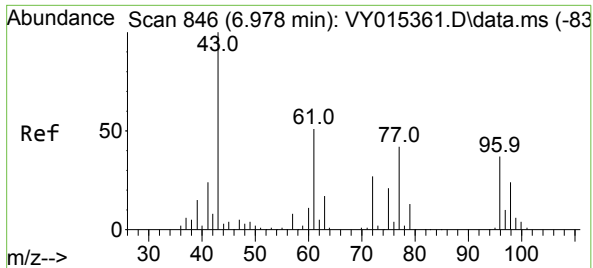
Tgt Ion: 43 Resp: 261702
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.821 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

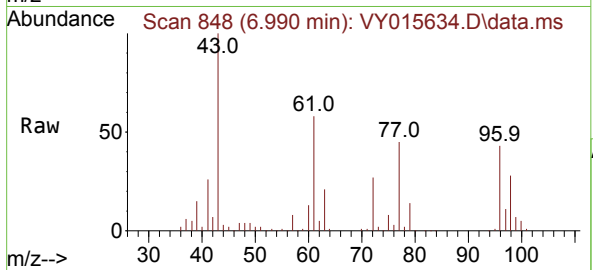
Tgt Ion: 77 Resp: 116683
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.9



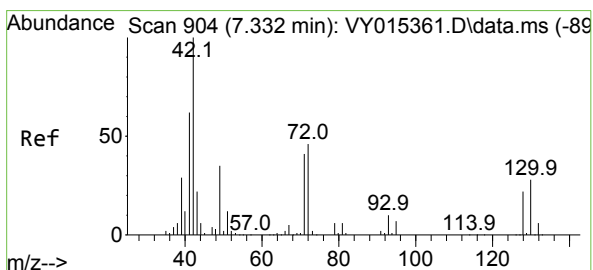
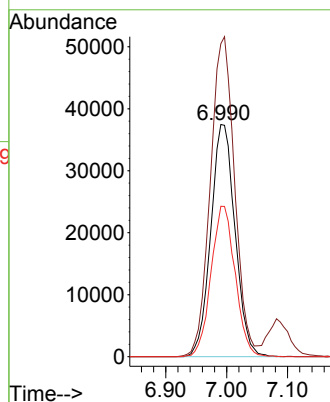
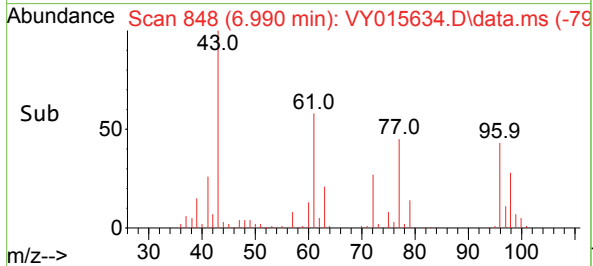


#27
cis-1,2-Dichloroethene
Concen: 53.241 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

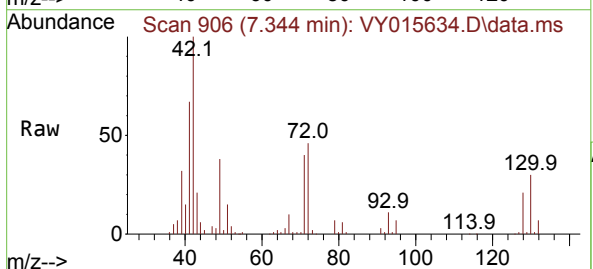
Instrument :
MSVOA_Y
ClientSampleId :



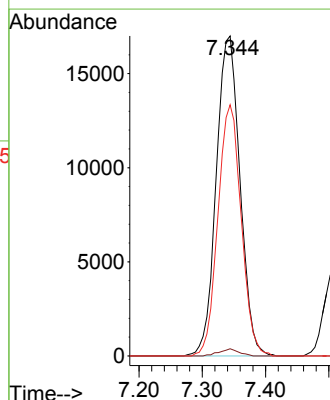
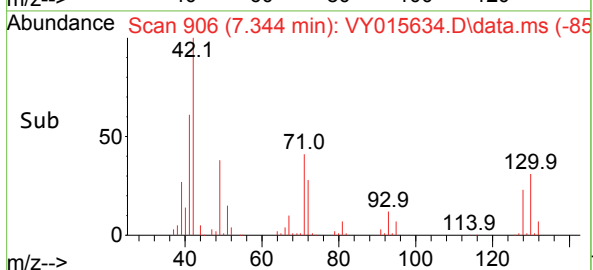
Tgt Ion: 96 Resp: 103593
Ion Ratio Lower Upper
96 100
61 138.1 0.0 301.4
98 64.4 0.0 130.4

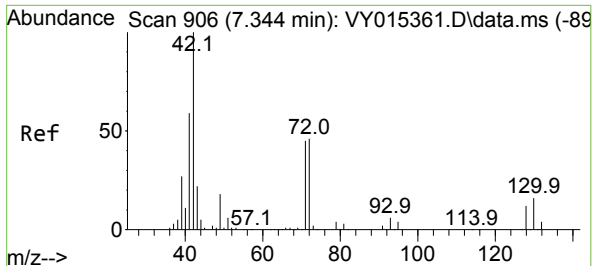


#28
Bromochloromethane
Concen: 48.184 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50



Tgt Ion: 49 Resp: 44301
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 76.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 298.012 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

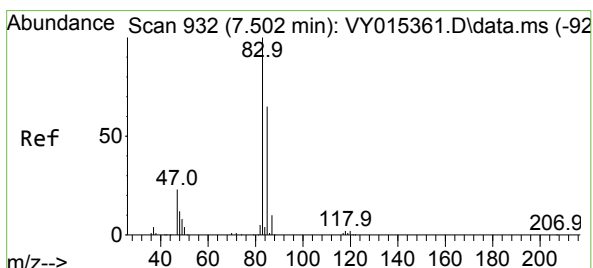
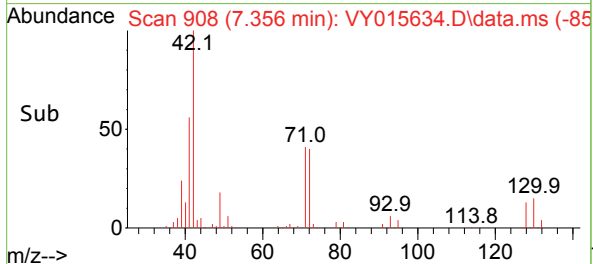
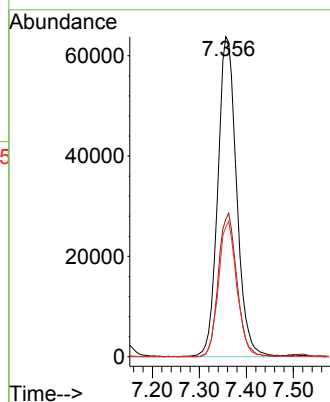
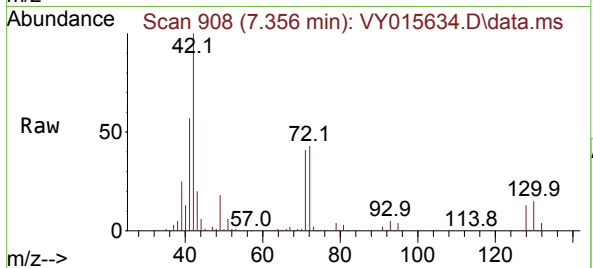
Tgt Ion: 42 Resp: 177951

Ion Ratio Lower Upper

42 100

72 44.4 32.8 49.2

71 41.2 31.0 46.4



#30

Chloroform

Concen: 52.743 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.018 min

Lab File: VY015634.D

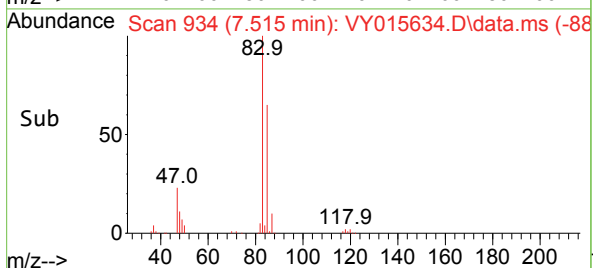
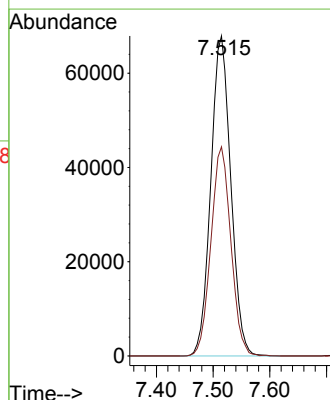
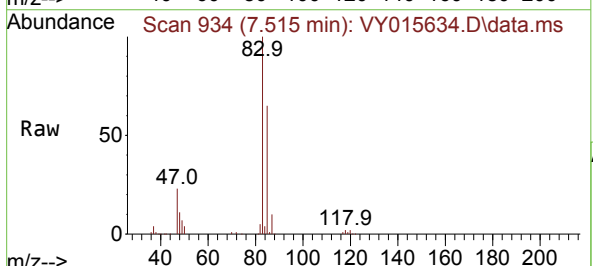
Acq: 18 Sep 2023 22:50

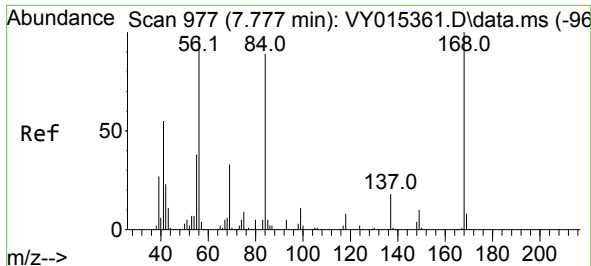
Tgt Ion: 83 Resp: 166236

Ion Ratio Lower Upper

83 100

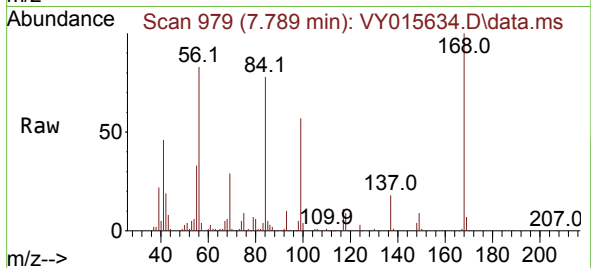
85 65.4 49.7 74.5



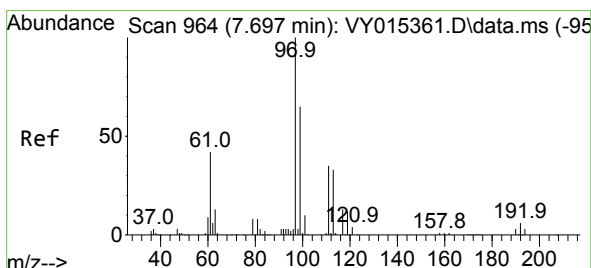
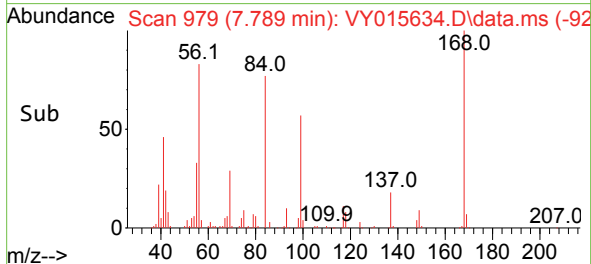
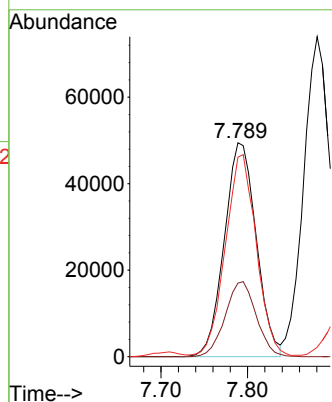


#31
Cyclohexane
Concen: 44.417 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Instrument :
MSVOA_Y
ClientSampleId :

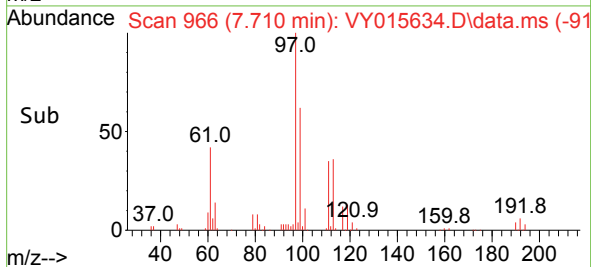
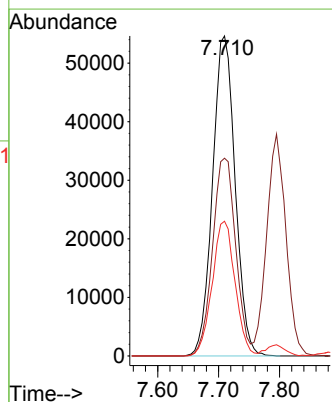
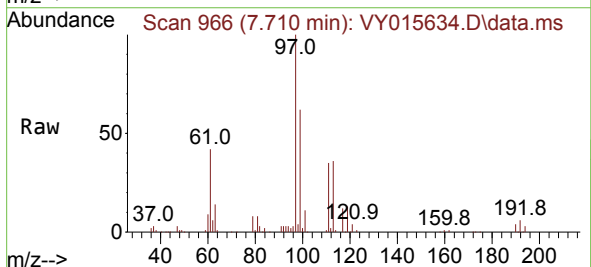


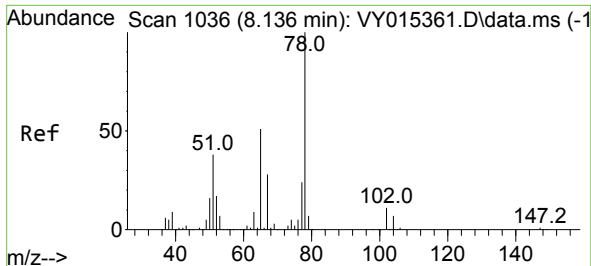
Tgt Ion: 56 Resp: 126728
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 92.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.000 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 97 Resp: 140760
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 42.6 35.1 52.7

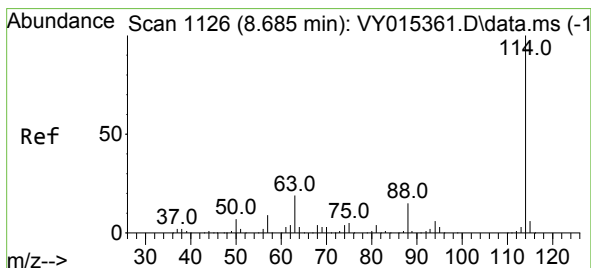
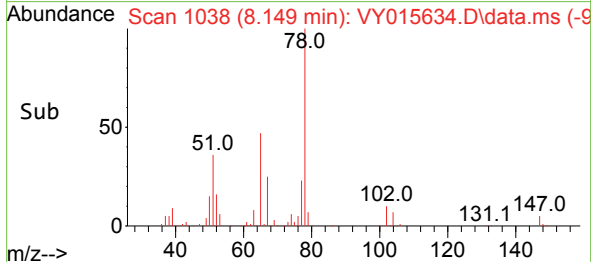
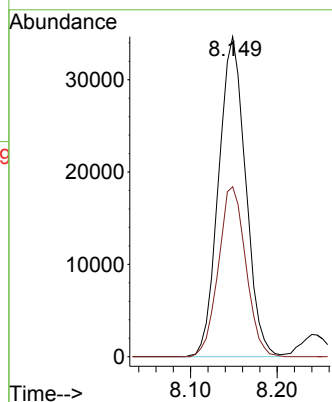
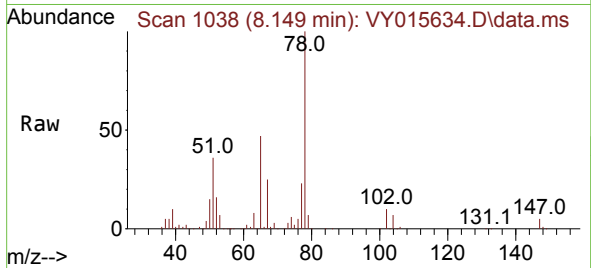




#33
 1,2-Dichloroethane-d4
 Concen: 46.759 ug/l
 RT: 8.149 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

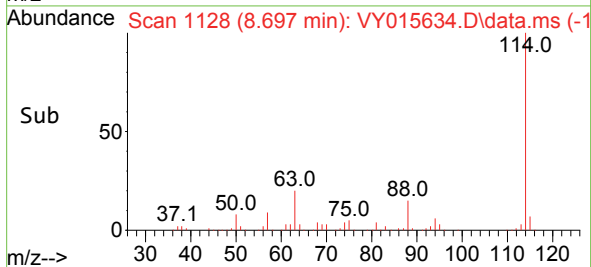
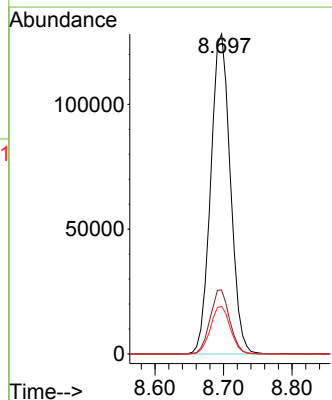
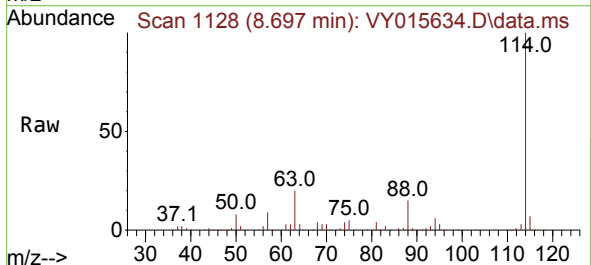
Instrument :
 MSVOA_Y
 ClientSampleId :

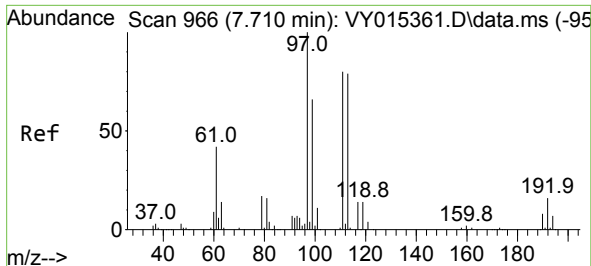
Tgt Ion: 65 Resp: 75104
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

Tgt Ion: 114 Resp: 255251
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 14.9 0.0 30.6

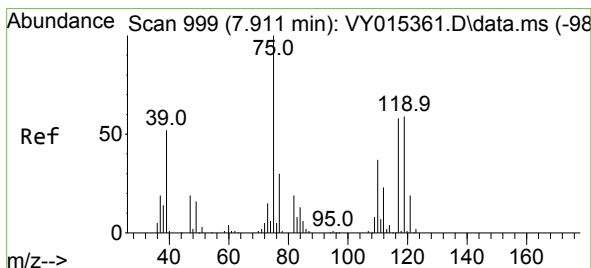
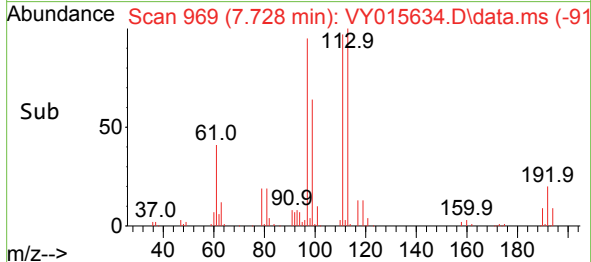
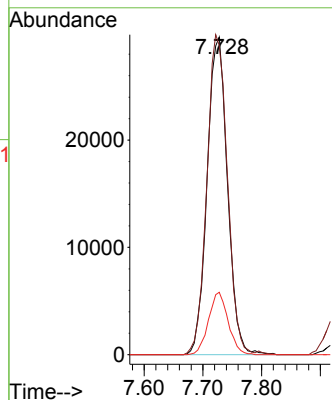
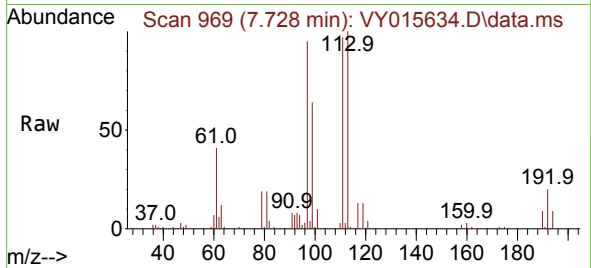




#35
Dibromofluoromethane
Concen: 48.519 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

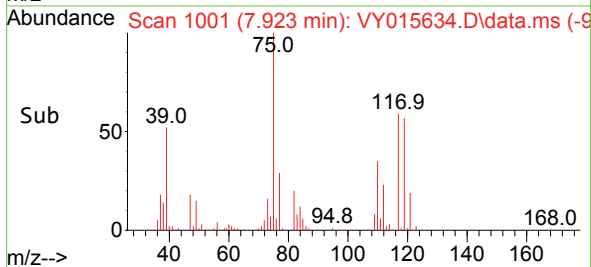
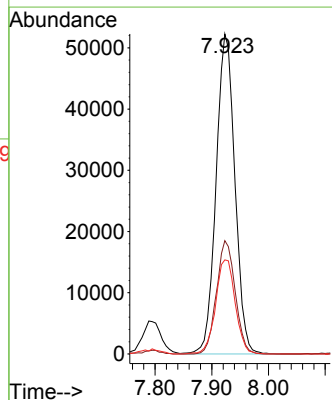
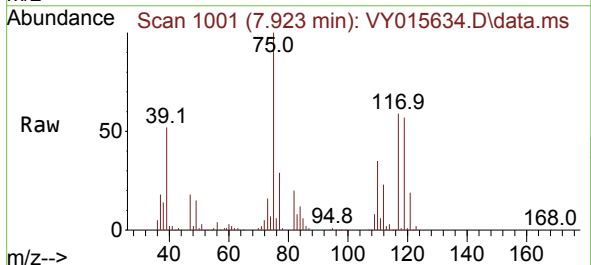
Instrument :
MSVOA_Y
ClientSampleId :

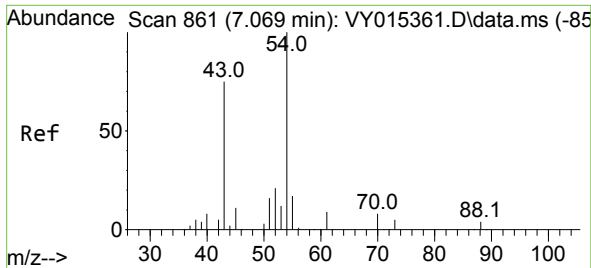
Tgt Ion:113 Resp: 71332
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.676 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 75 Resp: 120494
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 30.8 24.4 36.6

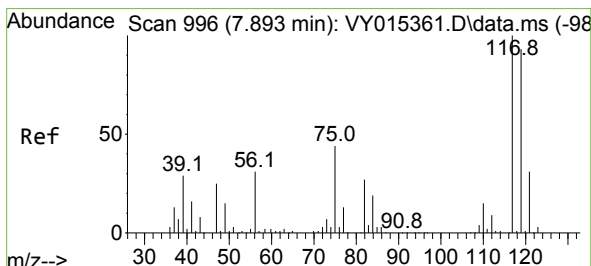
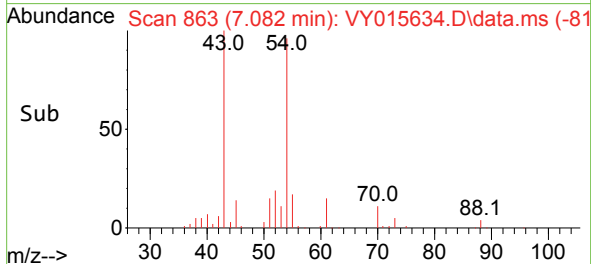
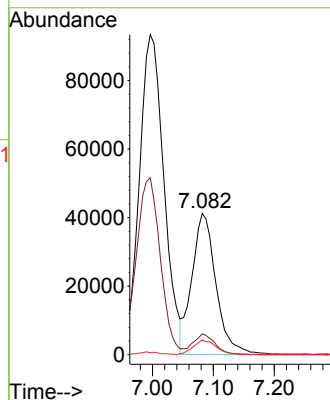
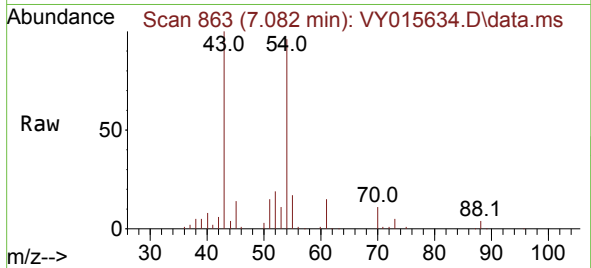




#37
Ethyl Acetate
Concen: 56.688 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

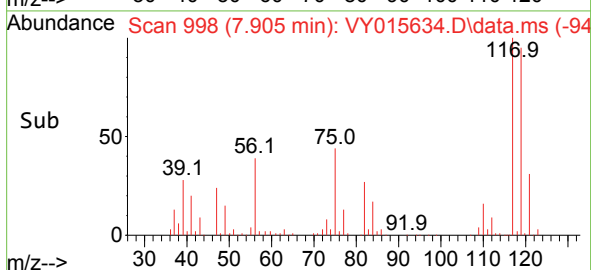
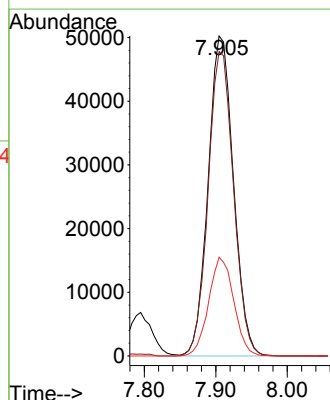
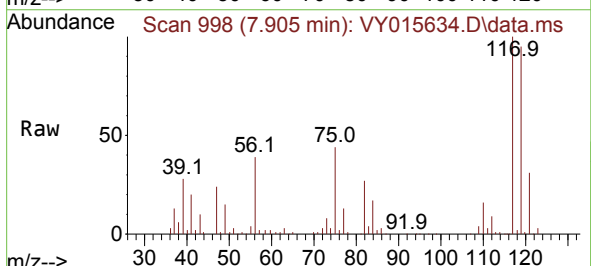
Instrument :
MSVOA_Y
ClientSampleId :

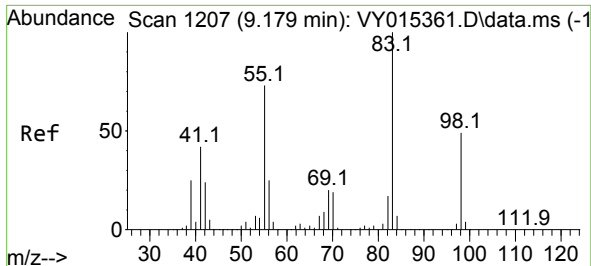
Tgt Ion: 43 Resp: 112864
Ion Ratio Lower Upper
43 100
61 13.4 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 46.444 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 117 Resp: 123828
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6
121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 43.589 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

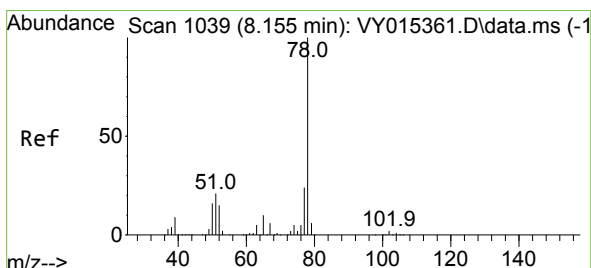
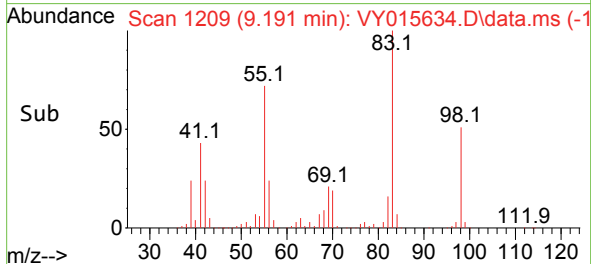
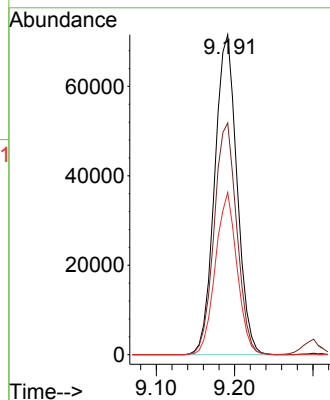
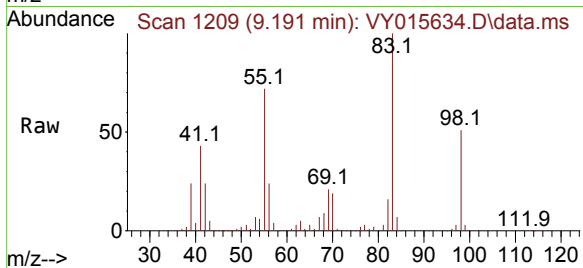
Tgt Ion: 83 Resp: 141664

Ion Ratio Lower Upper

83 100

55 72.4 63.0 94.4

98 50.7 37.4 56.2



#40

Benzene

Concen: 50.176 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015634.D

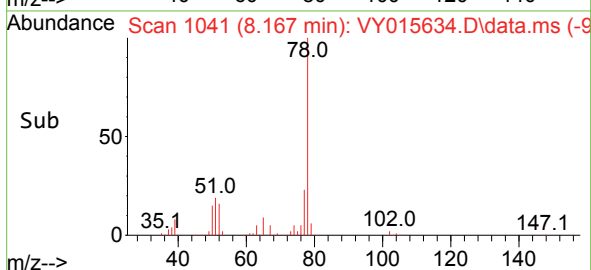
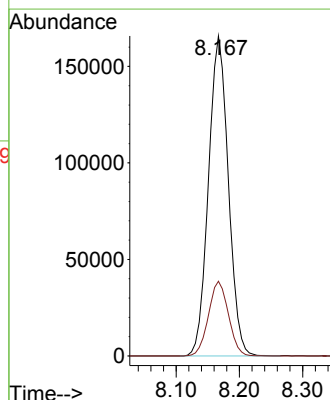
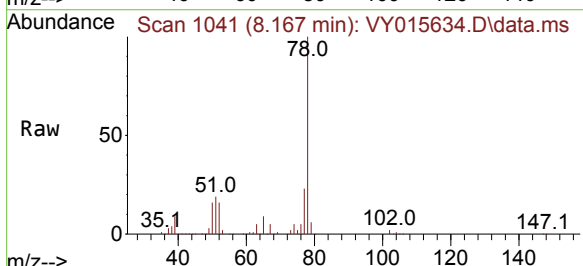
Acq: 18 Sep 2023 22:50

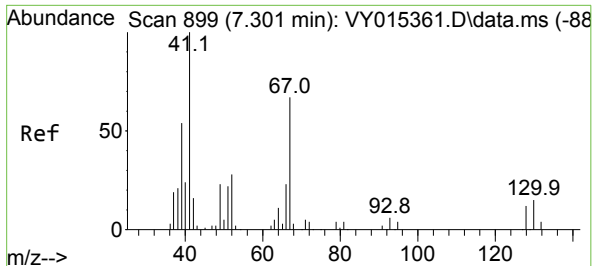
Tgt Ion: 78 Resp: 361384

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

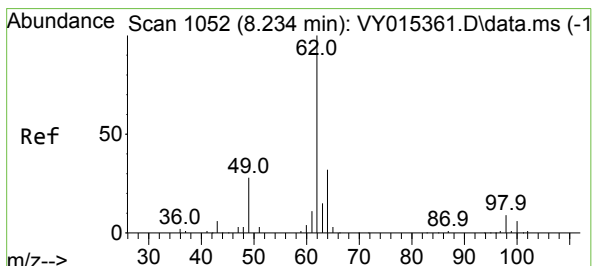
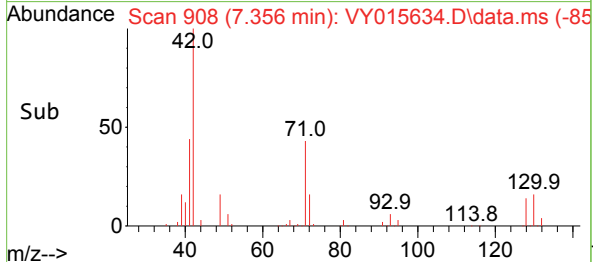
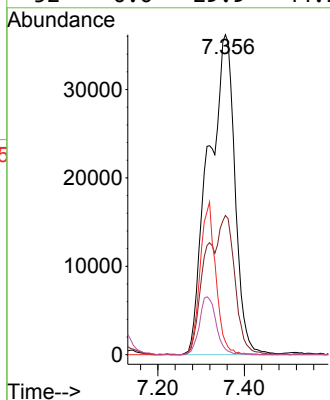
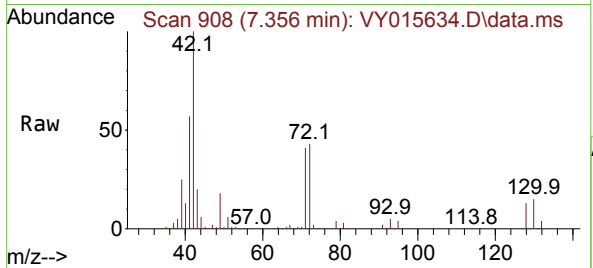




#41
Methacrylonitrile
Concen: 164.729 ug/l
RT: 7.356 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

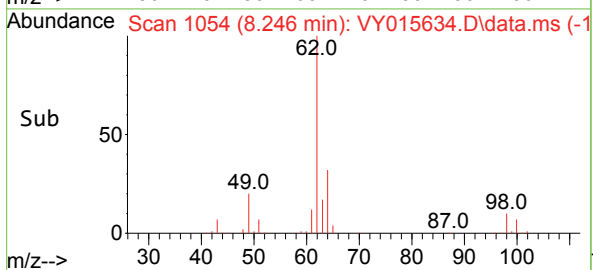
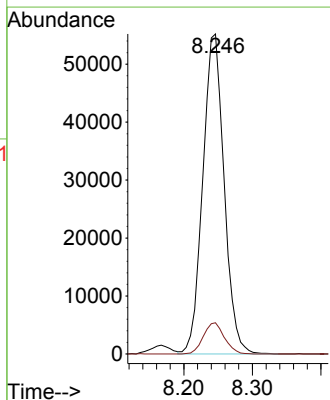
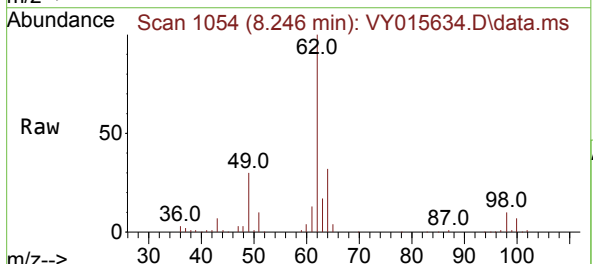
Instrument :
MSVOA_Y
ClientSampleId :

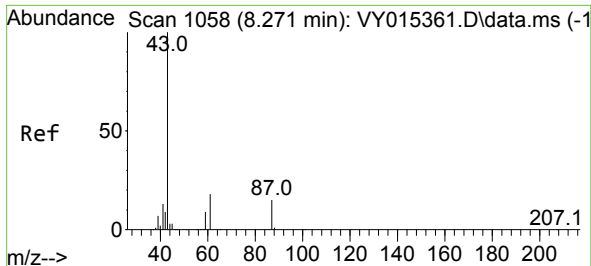
Tgt Ion: 41 Resp: 153799
Ion Ratio Lower Upper
41 100
39 25.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.773 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

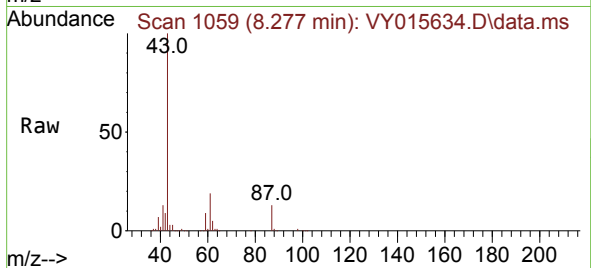
Tgt Ion: 62 Resp: 119539
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8



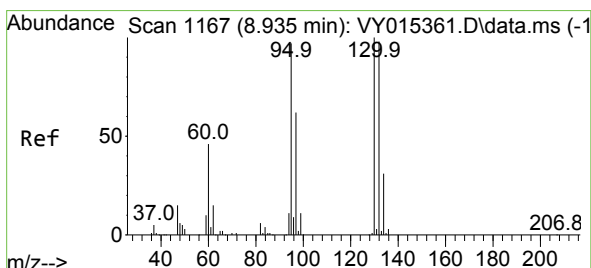
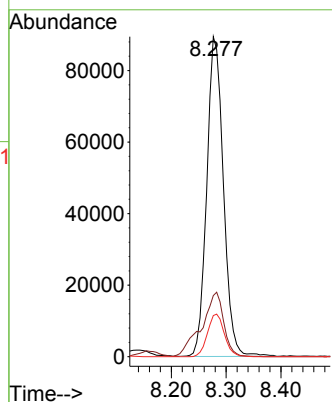
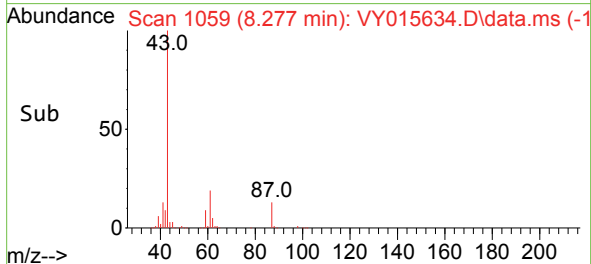


#43
Isopropyl Acetate
Concen: 54.754 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Instrument :
MSVOA_Y
ClientSampleId :

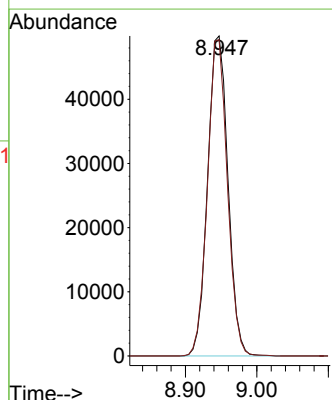
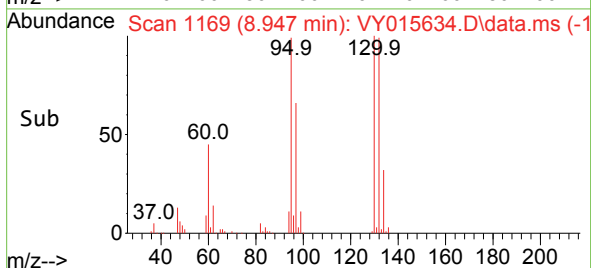
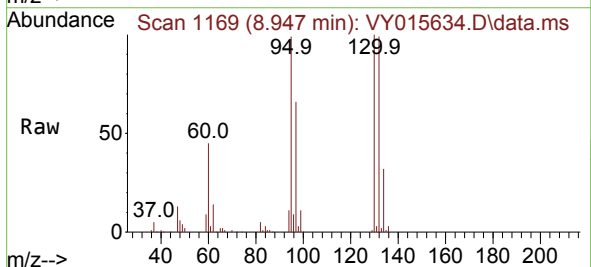


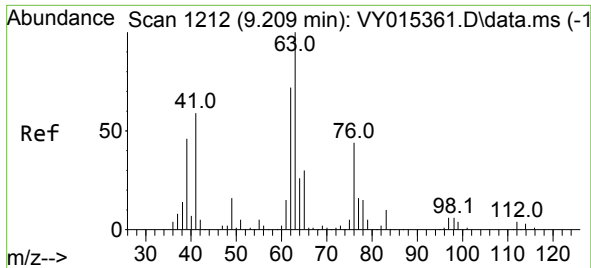
Tgt Ion: 43 Resp: 188507
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 13.5 9.8 14.8



#44
Trichloroethene
Concen: 48.381 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion:130 Resp: 98589
Ion Ratio Lower Upper
130 100
95 98.8 0.0 196.0

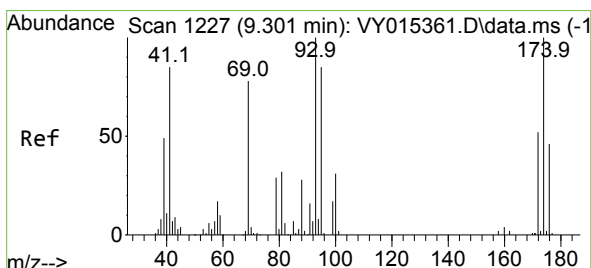
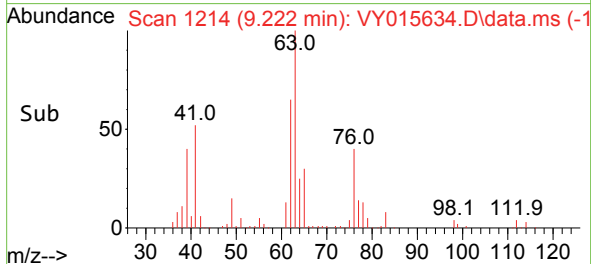
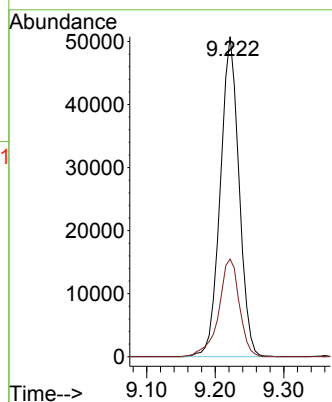
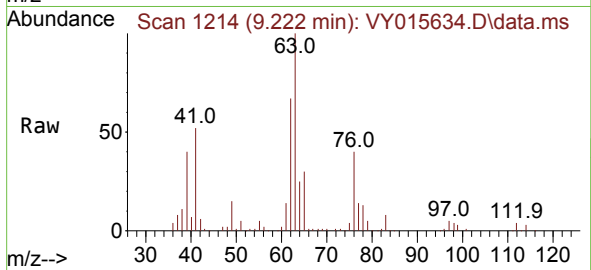




#45
1,2-Dichloropropane
Concen: 52.789 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

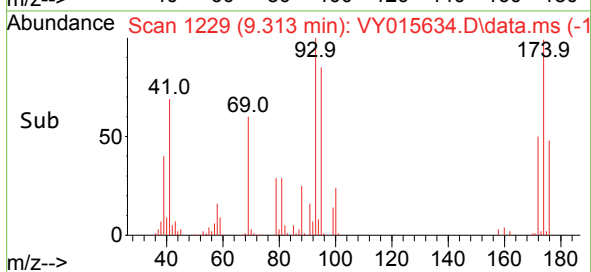
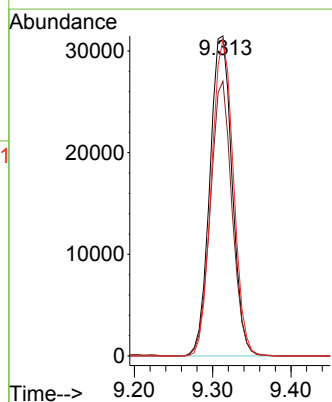
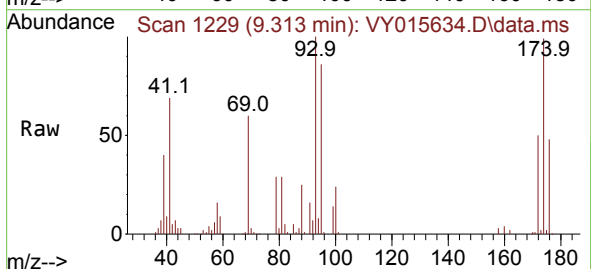
Instrument :
MSVOA_Y
ClientSampleId :

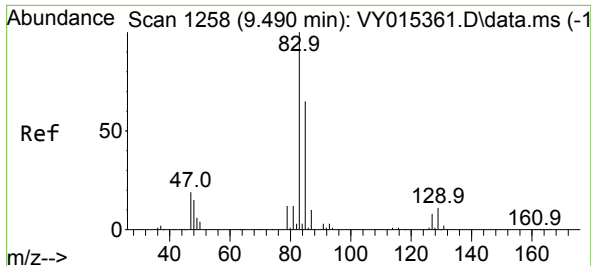
Tgt Ion: 63 Resp: 95846
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 51.544 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 93 Resp: 62165
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 97.7 84.8 127.2

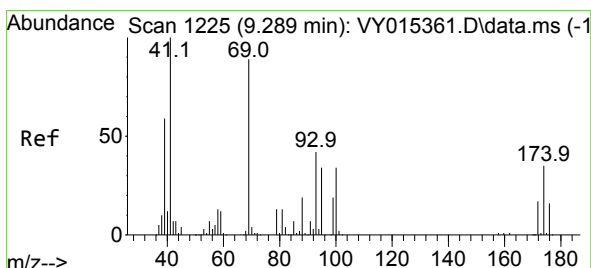
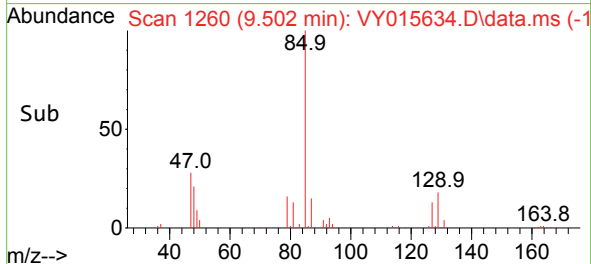
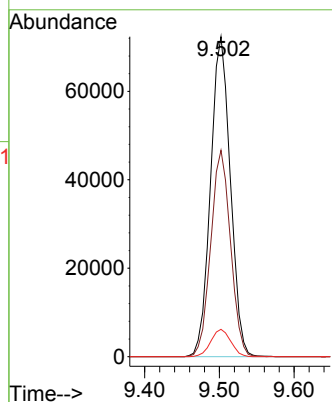
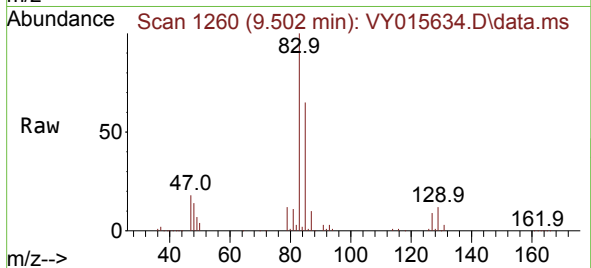




#47
Bromodichloromethane
Concen: 51.663 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

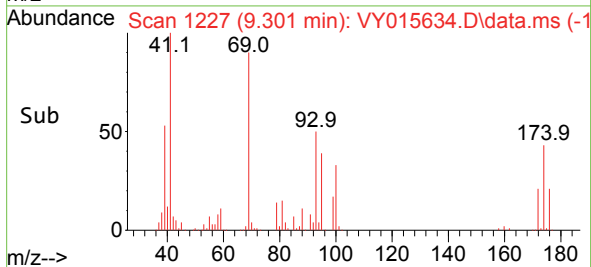
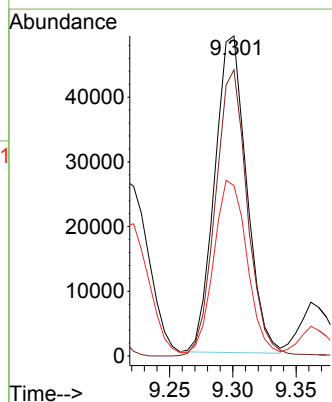
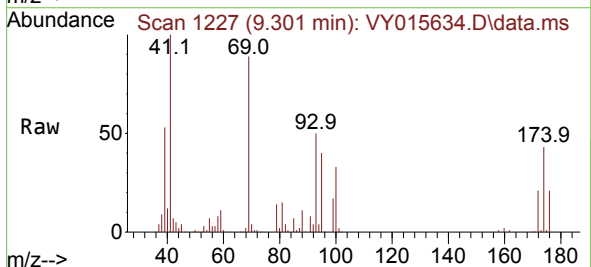
Instrument :
MSVOA_Y
ClientSampleId :

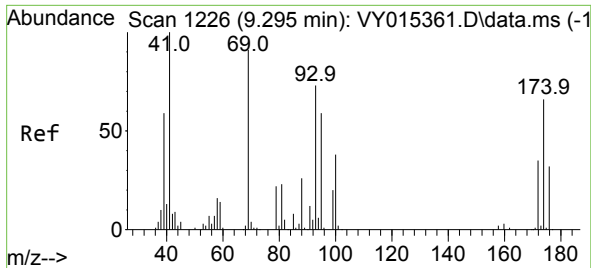
Tgt Ion: 83 Resp: 133247
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 54.339 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 41 Resp: 85835
Ion Ratio Lower Upper
41 100
69 90.8 64.5 96.7
39 58.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1099.108 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

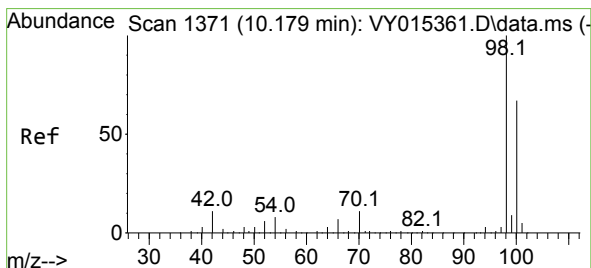
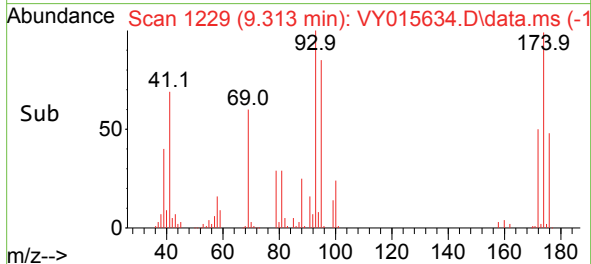
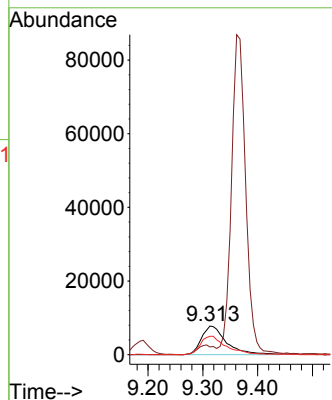
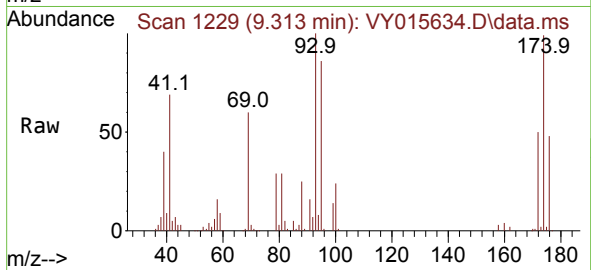
Tgt Ion: 88 Resp: 24622

Ion Ratio Lower Upper

88 100

43 23.2 0.0 0.0#

58 67.7 30.9 46.3#



#50

Toluene-d8

Concen: 43.523 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015634.D

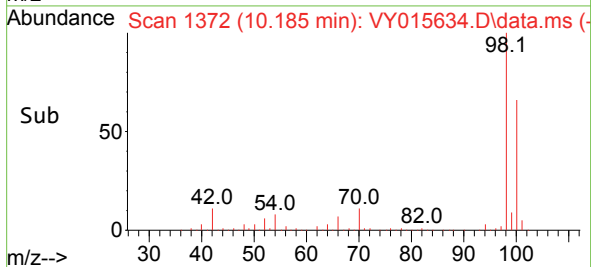
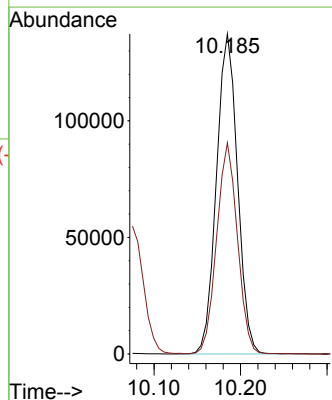
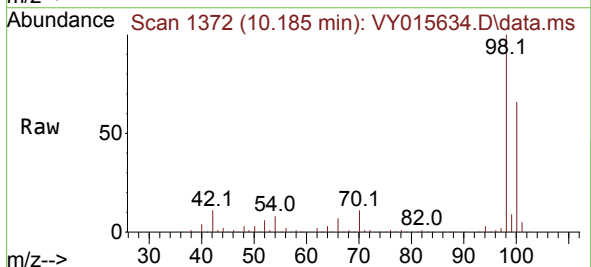
Acq: 18 Sep 2023 22:50

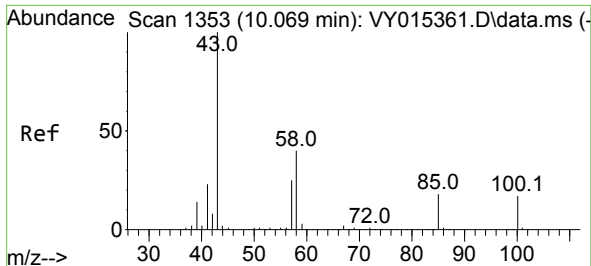
Tgt Ion: 98 Resp: 231723

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 289.215 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

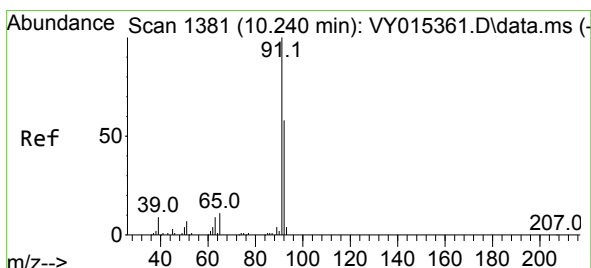
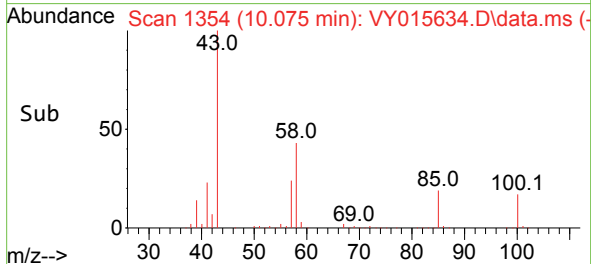
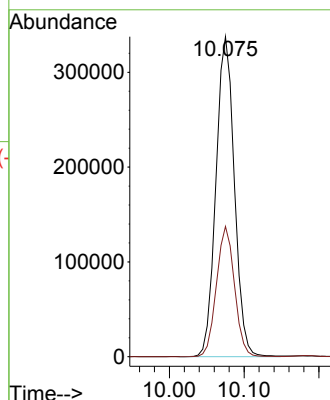
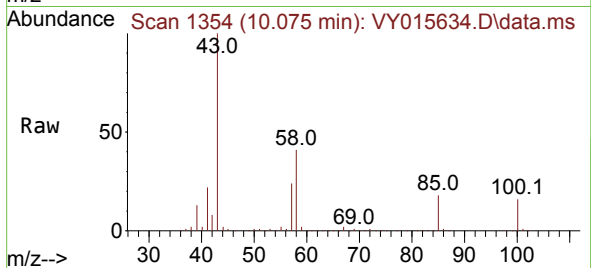
ClientSampleId :

Tgt Ion: 43 Resp: 578734

Ion Ratio Lower Upper

43 100

58 39.9 29.0 43.6



#52

Toluene

Concen: 49.598 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015634.D

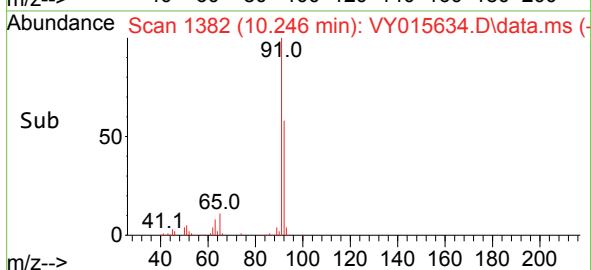
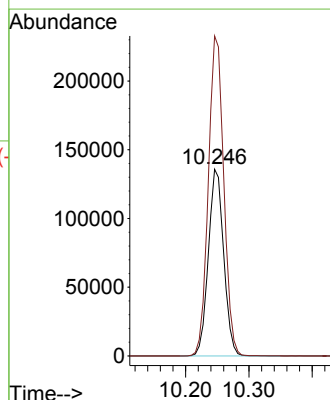
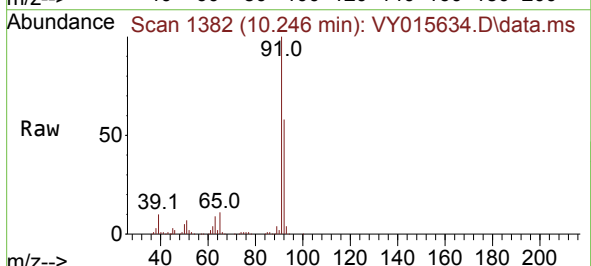
Acq: 18 Sep 2023 22:50

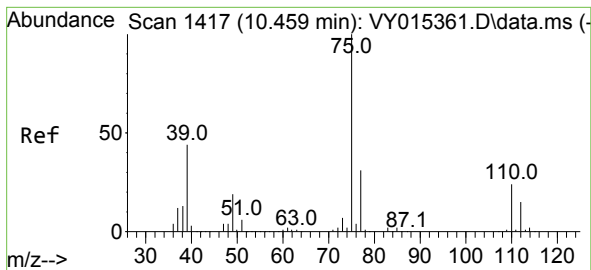
Tgt Ion: 92 Resp: 228957

Ion Ratio Lower Upper

92 100

91 172.8 143.8 215.6

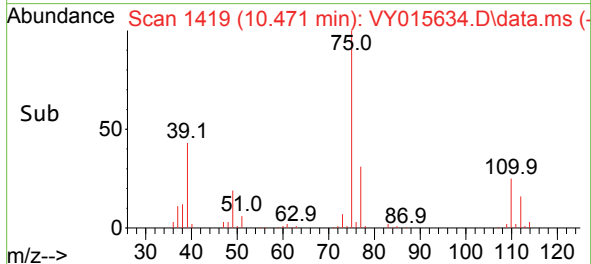
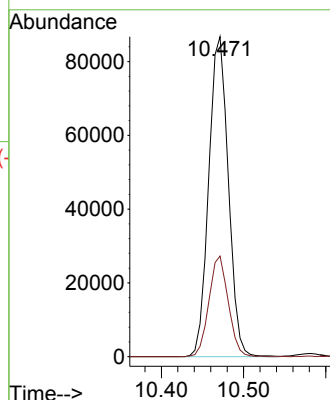
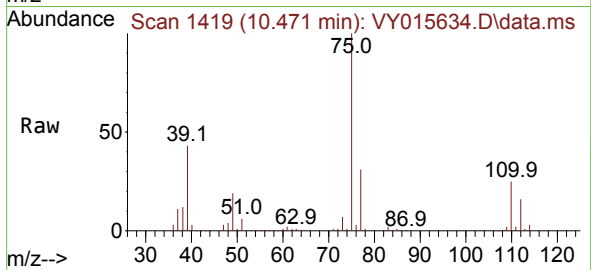




#53
 t-1,3-Dichloropropene
 Concen: 52.366 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

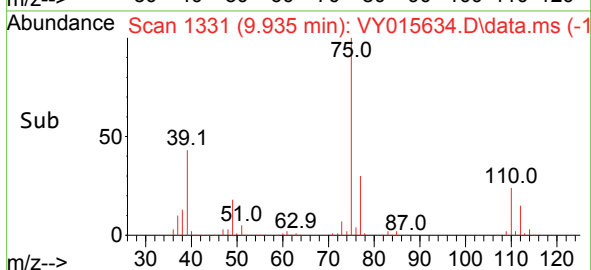
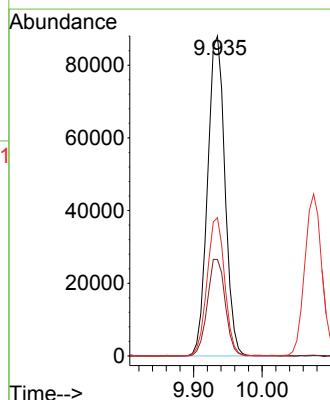
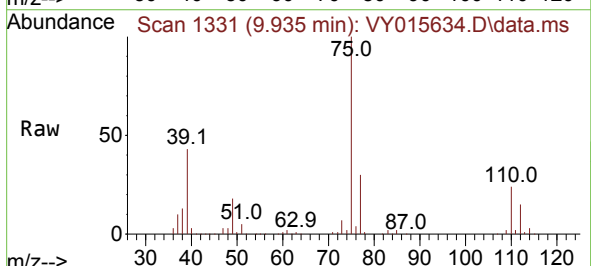
Instrument :
 MSVOA_Y
 ClientSampleId :

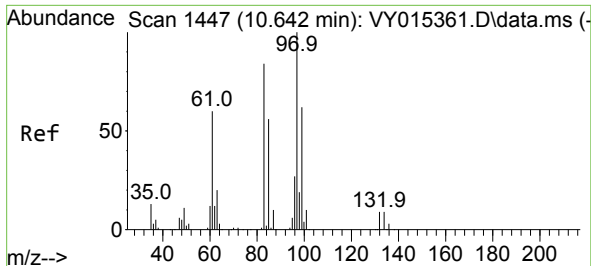
Tgt Ion: 75 Resp: 143537
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.058 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015634.D
 Acq: 18 Sep 2023 22:50

Tgt Ion: 75 Resp: 155221
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.2 36.4
 39 43.1 42.2 63.4

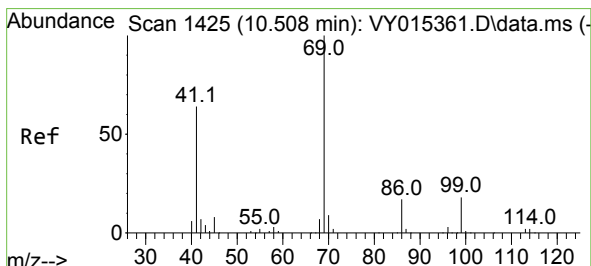
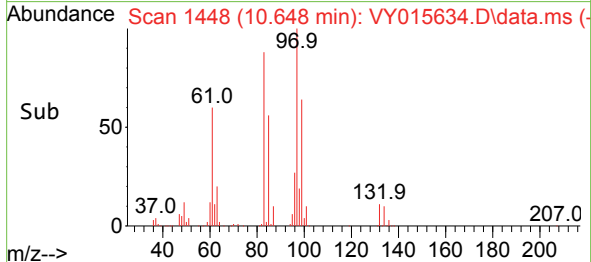
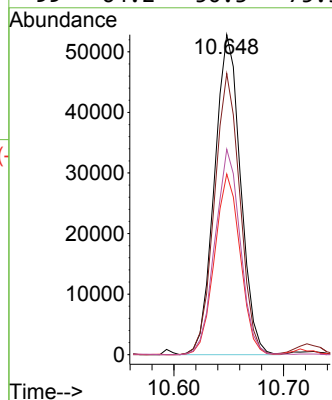
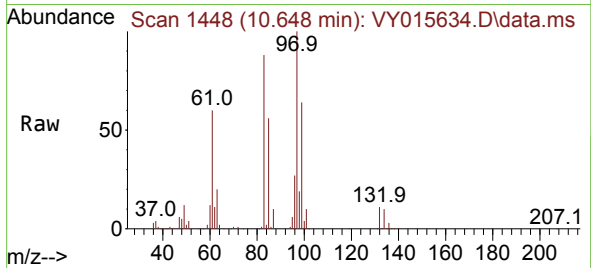




#55
1,1,2-Trichloroethane
Concen: 53.796 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

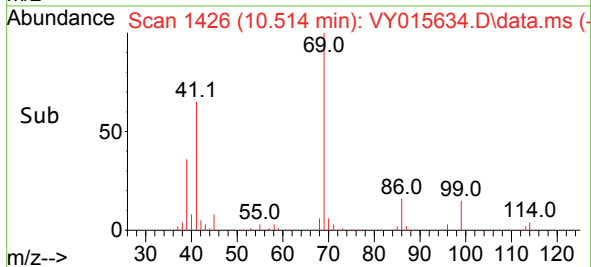
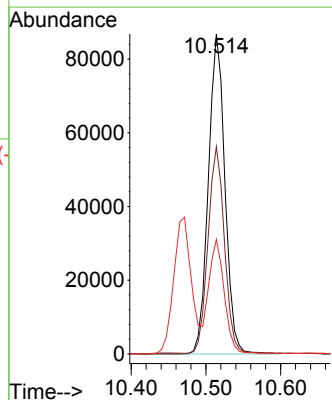
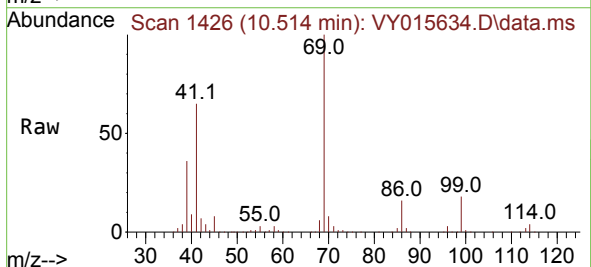
Instrument :
MSVOA_Y
ClientSampleId :

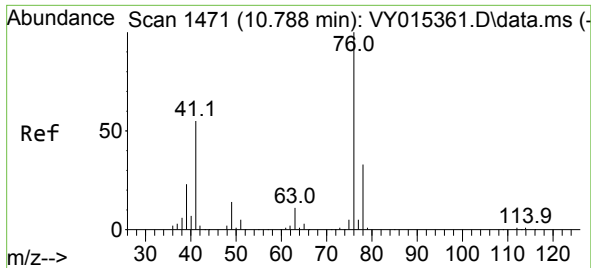
Tgt Ion: 97	Resp: 87421
Ion Ratio	Lower Upper
97 100	
83 87.8	72.0 108.0
85 56.3	45.4 68.0
99 64.2	50.3 75.5



#56
Ethyl methacrylate
Concen: 55.529 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 69	Resp: 133721
Ion Ratio	Lower Upper
69 100	
41 64.1	57.6 86.4
39 32.8	34.1 51.1#

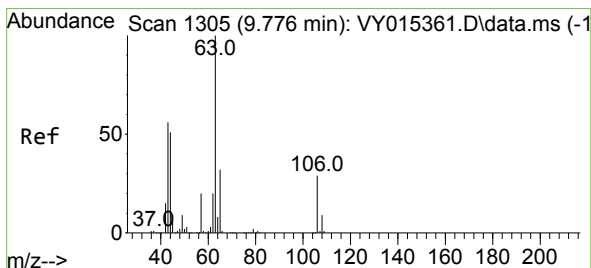
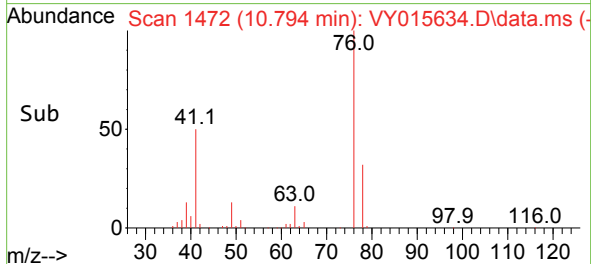
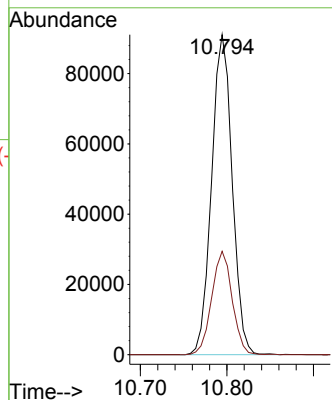
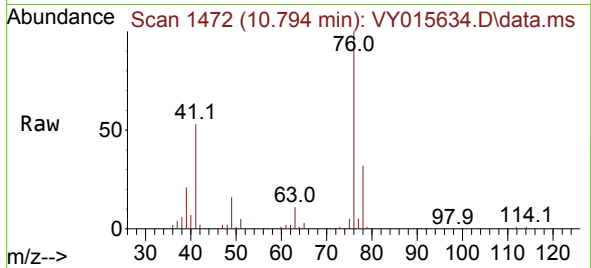




#57
1,3-Dichloropropane
Concen: 53.782 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

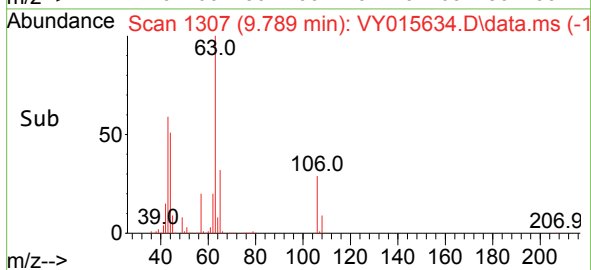
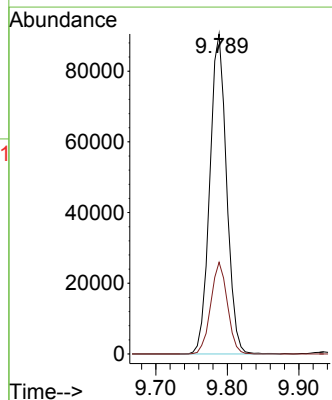
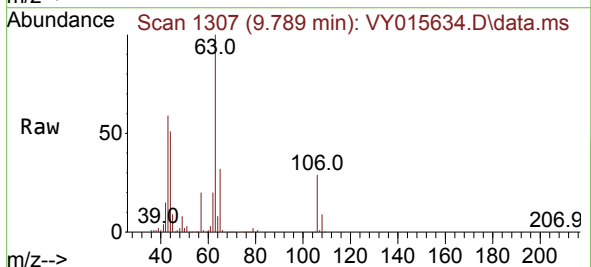
Instrument :
MSVOA_Y
ClientSampleId :

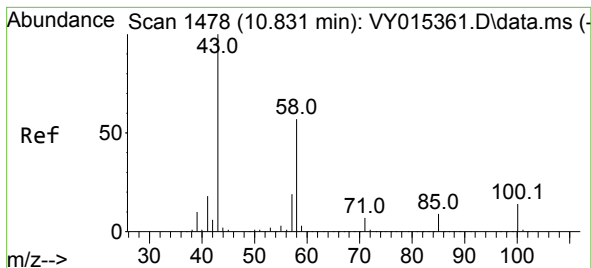
Tgt Ion: 76 Resp: 150446
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 171.584 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 63 Resp: 147485
Ion Ratio Lower Upper
63 100
106 28.3 21.2 31.8

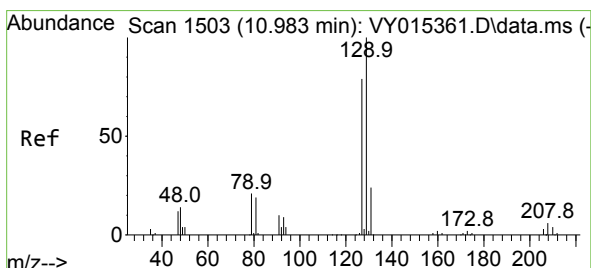
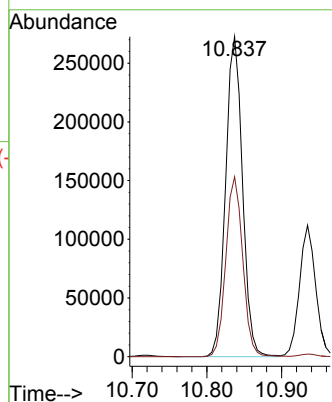
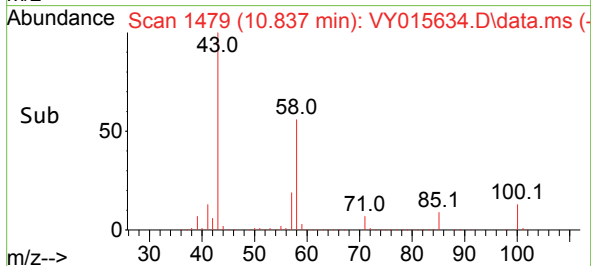
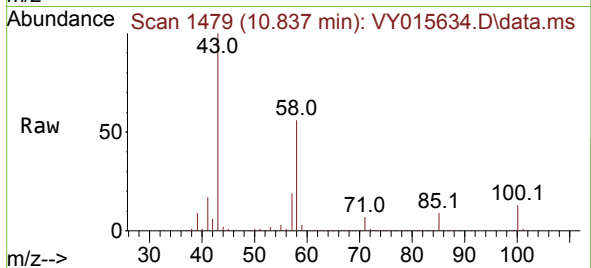




#59
2-Hexanone
Concen: 285.479 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

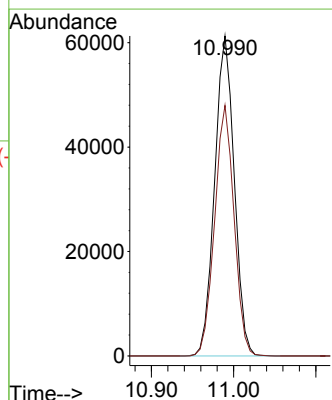
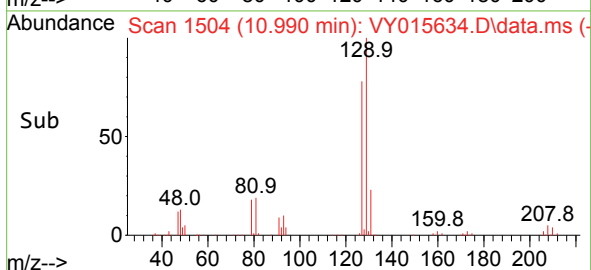
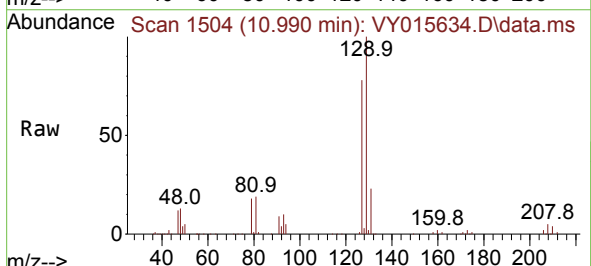
Instrument :
MSVOA_Y
ClientSampleId :

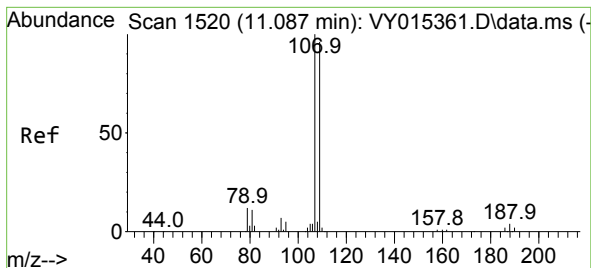
Tgt Ion: 43 Resp: 428643
Ion Ratio Lower Upper
43 100
58 56.3 25.1 75.3



#60
Dibromochloromethane
Concen: 53.410 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion:129 Resp: 101588
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.825 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

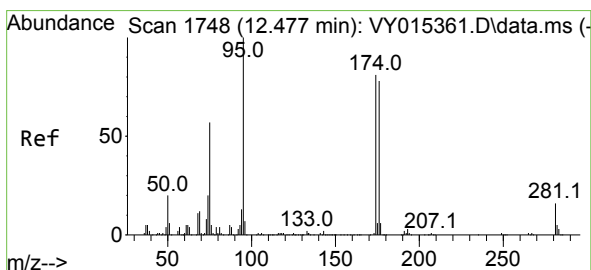
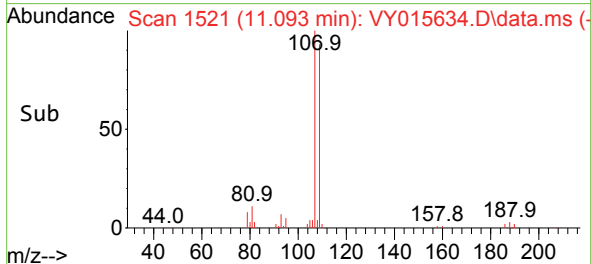
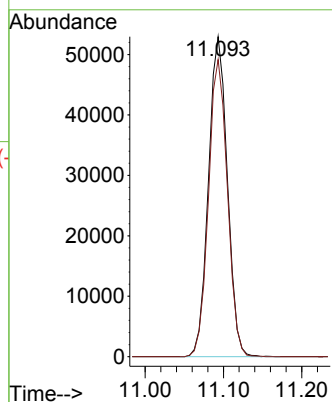
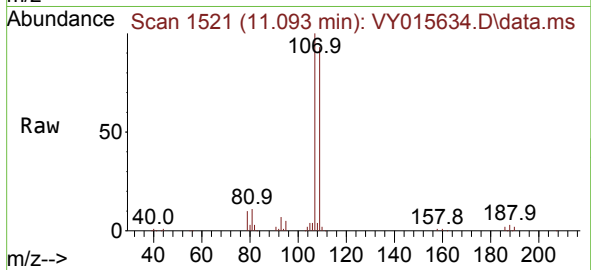
ClientSampleId :

Tgt Ion:107 Resp: 88629

Ion Ratio Lower Upper

107 100

109 92.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.488 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

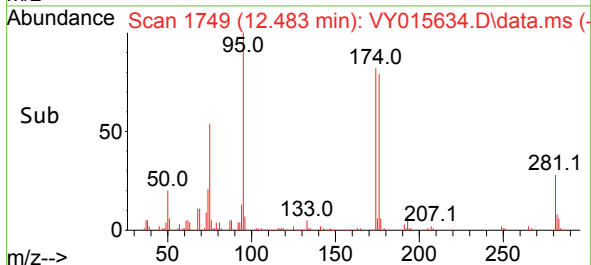
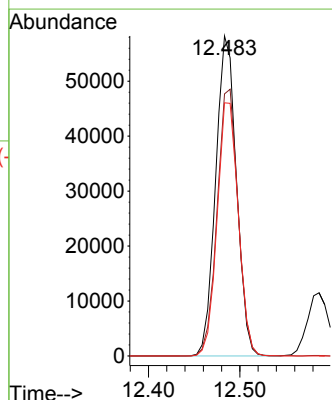
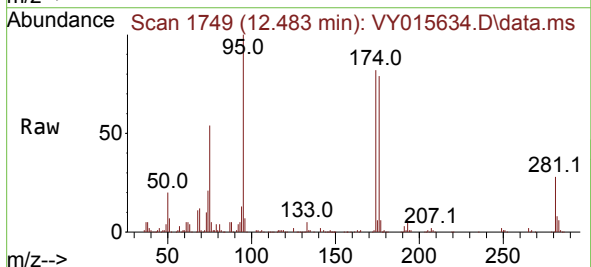
Tgt Ion: 95 Resp: 91884

Ion Ratio Lower Upper

95 100

174 84.1 0.0 178.2

176 80.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

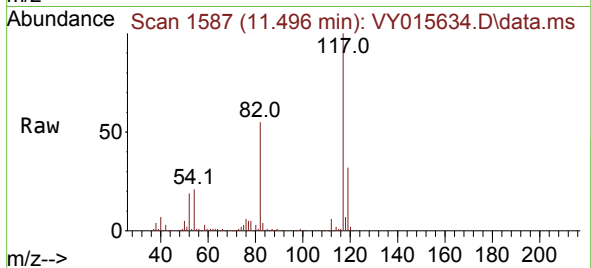
Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :



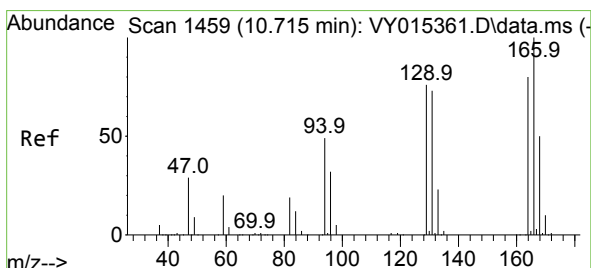
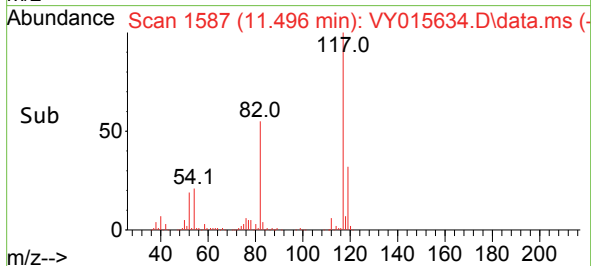
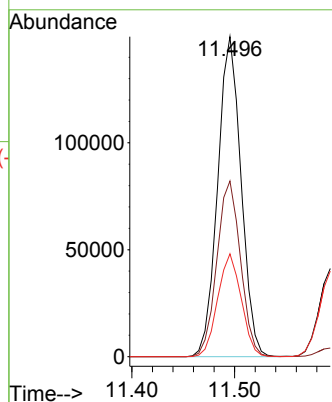
Tgt Ion:117 Resp: 236591

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 50.276 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Tgt Ion:164 Resp: 107966

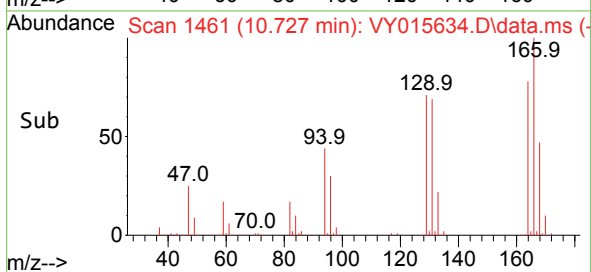
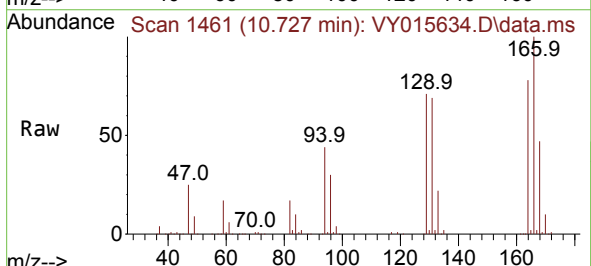
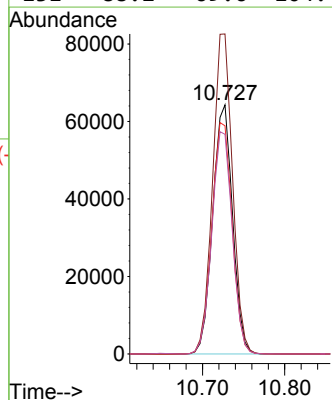
Ion Ratio Lower Upper

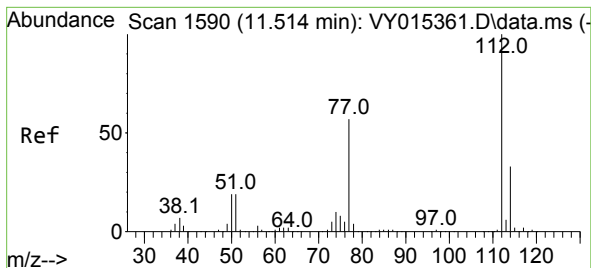
164 100

166 128.4 103.0 154.6

129 91.6 77.2 115.8

131 88.2 69.6 104.4





#65

Chlorobenzene

Concen: 49.659 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

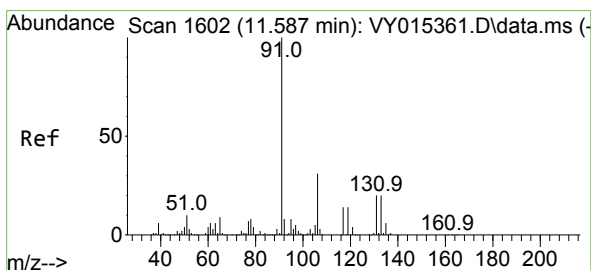
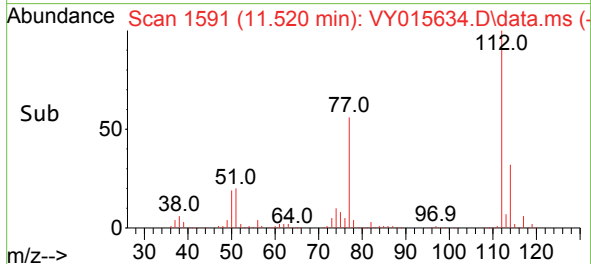
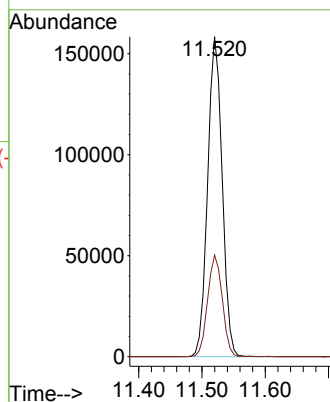
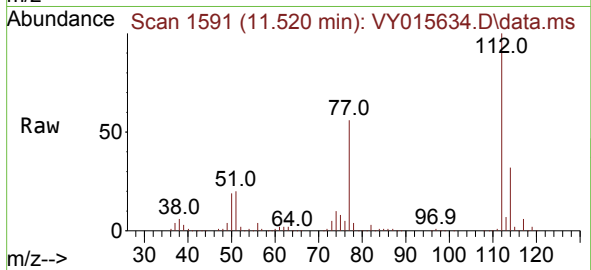
ClientSampleId :

Tgt Ion:112 Resp: 253171

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.215 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

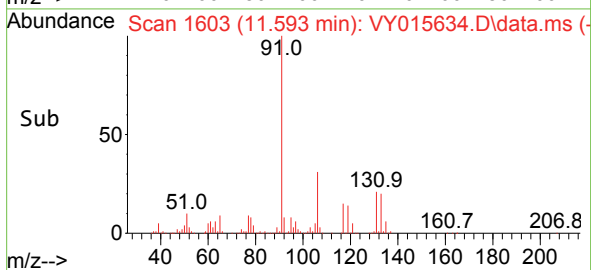
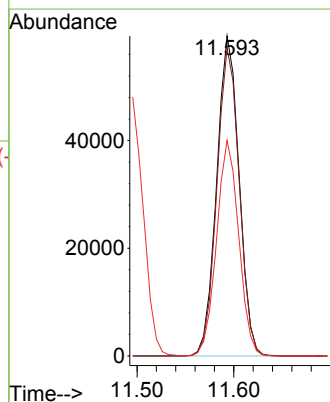
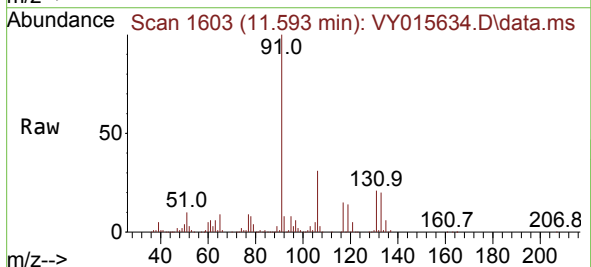
Tgt Ion:131 Resp: 95570

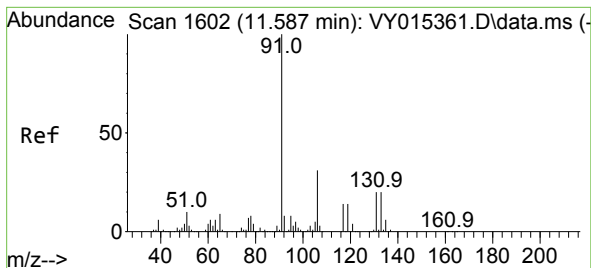
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 66.6 31.6 94.7





#67

Ethyl Benzene

Concen: 49.172 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

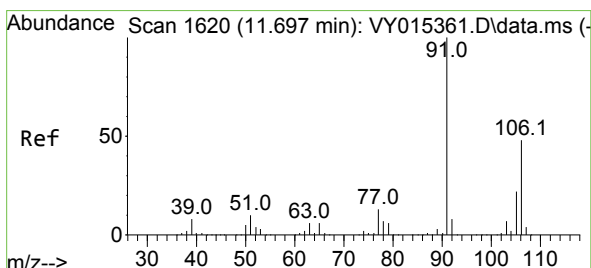
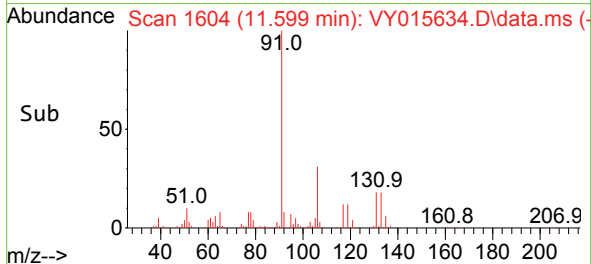
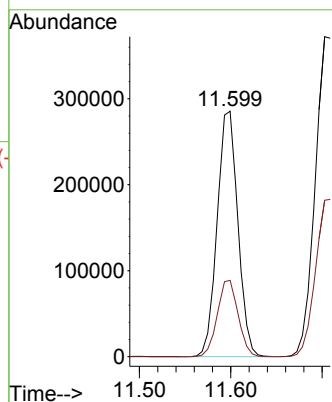
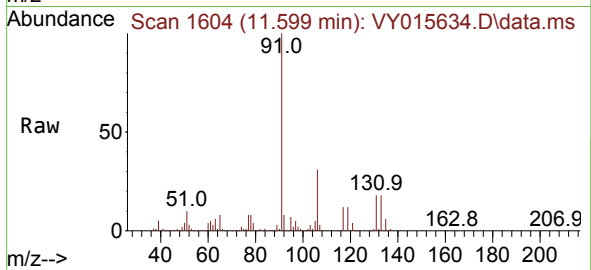
ClientSampleId :

Tgt Ion: 91 Resp: 450150

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 96.879 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015634.D

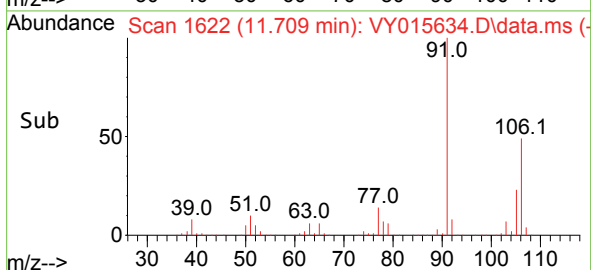
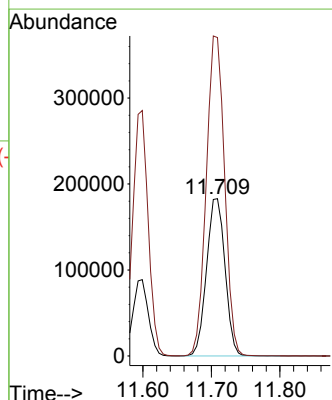
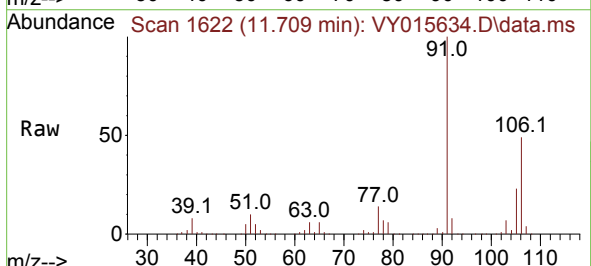
Acq: 18 Sep 2023 22:50

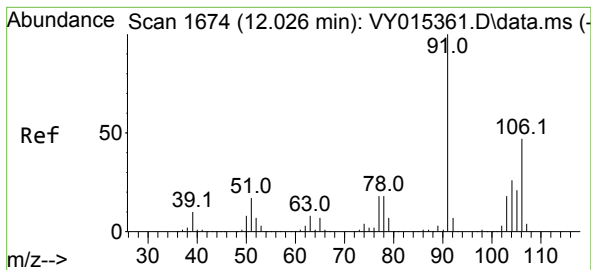
Tgt Ion:106 Resp: 343770

Ion Ratio Lower Upper

106 100

91 201.2 166.1 249.1





#69

o-Xylene

Concen: 48.937 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

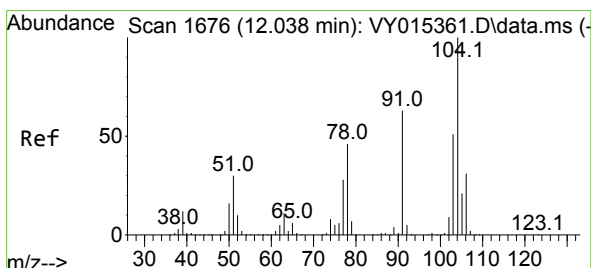
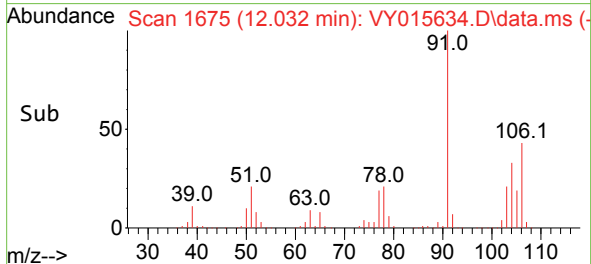
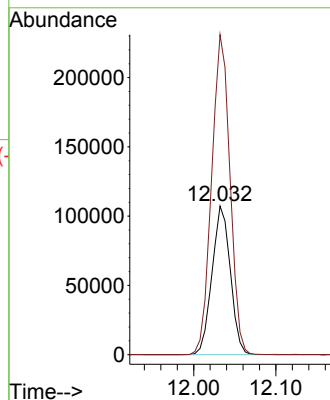
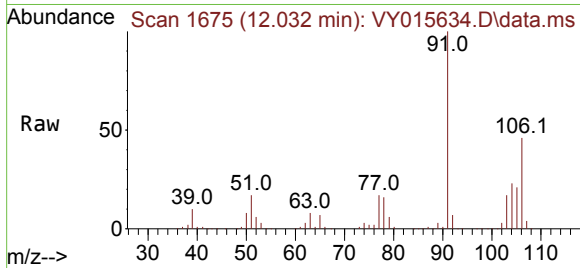
ClientSampleId :

Tgt Ion:106 Resp: 165955

Ion Ratio Lower Upper

106 100

91 215.9 108.1 324.3



#70

Styrene

Concen: 50.590 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

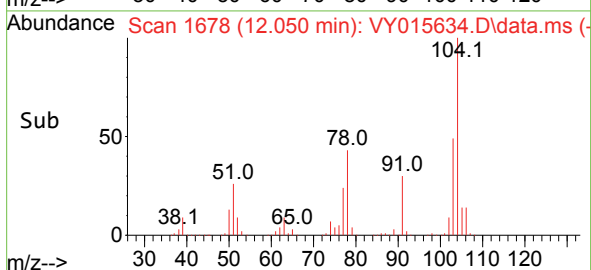
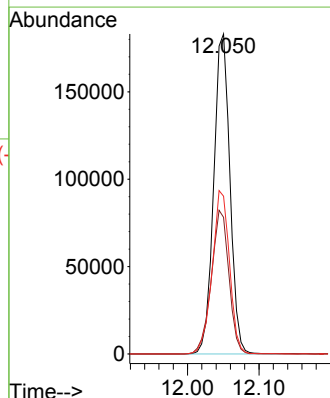
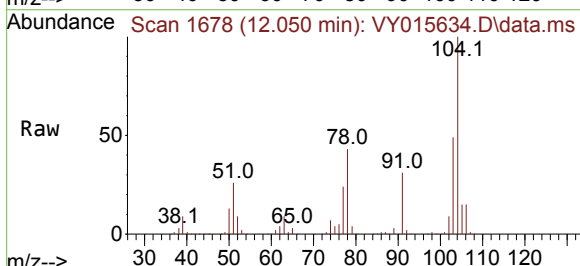
Tgt Ion:104 Resp: 288468

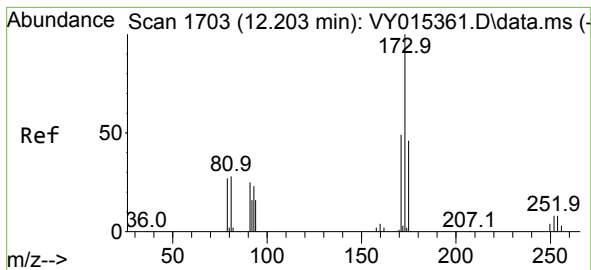
Ion Ratio Lower Upper

104 100

78 48.7 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 54.393 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

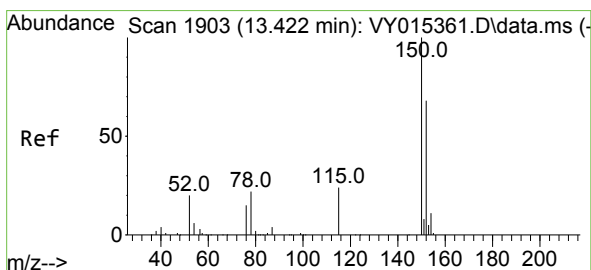
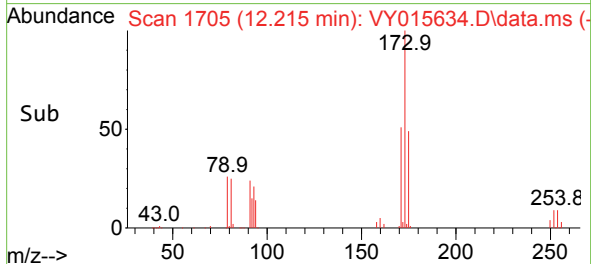
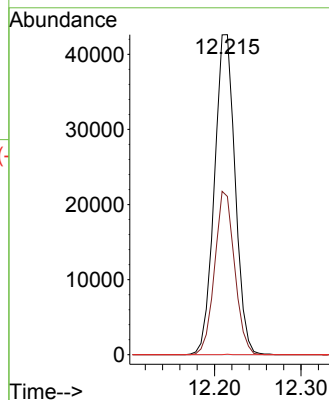
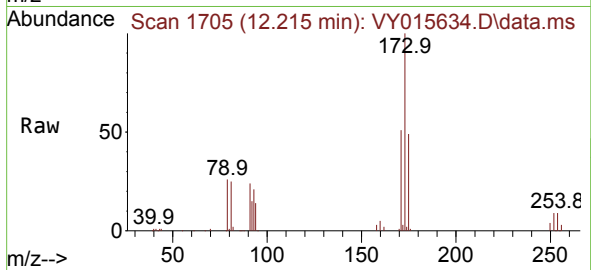
Tgt Ion:173 Resp: 70803

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

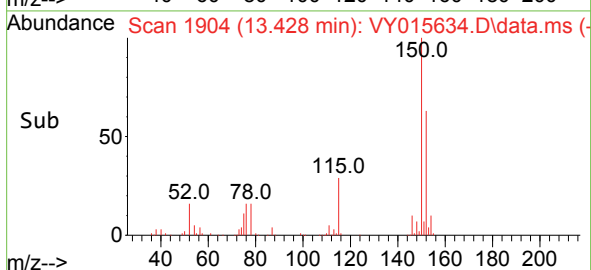
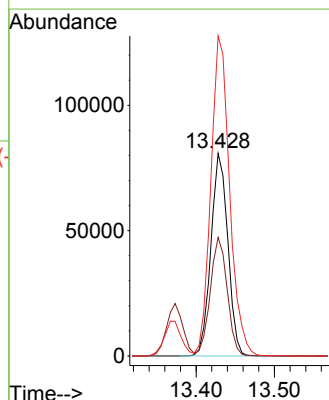
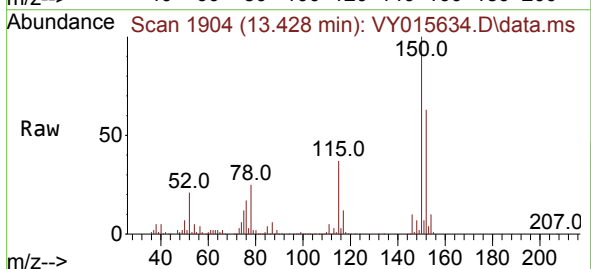
Tgt Ion:152 Resp: 121236

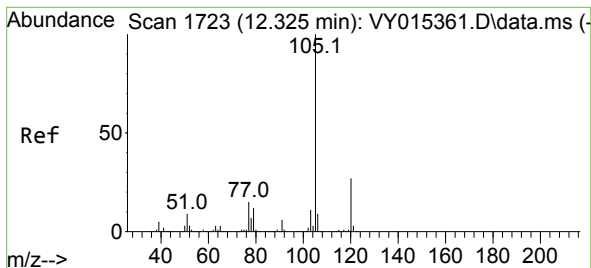
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 174.8 0.0 348.8





#73

Isopropylbenzene

Concen: 47.654 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

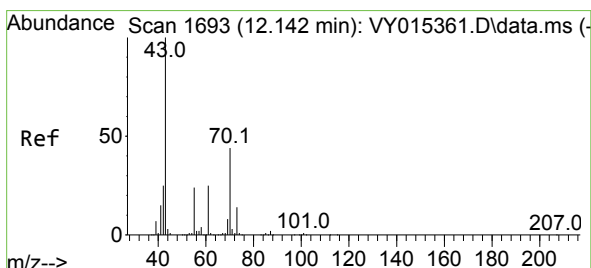
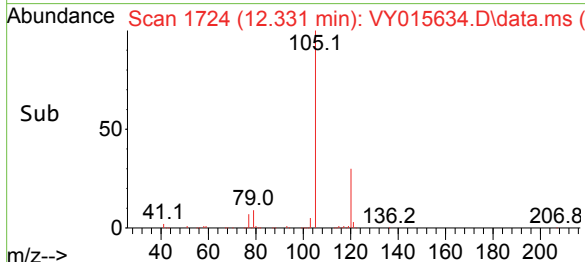
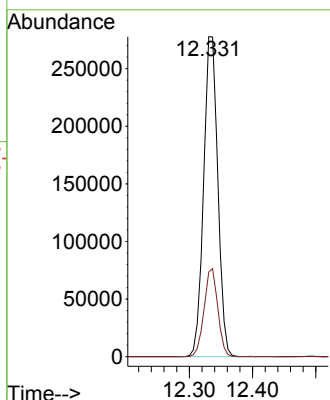
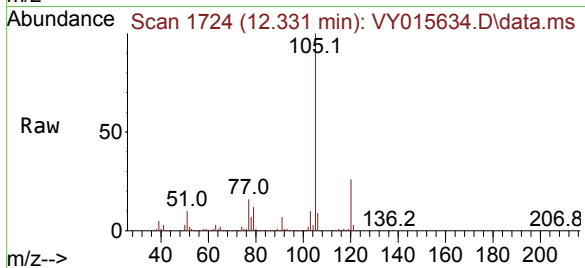
ClientSampleId :

Tgt Ion:105 Resp: 433956

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 53.480 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Tgt Ion: 43 Resp: 163619

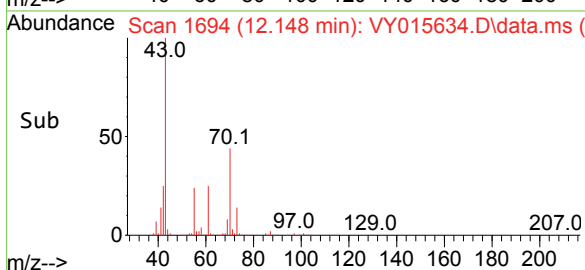
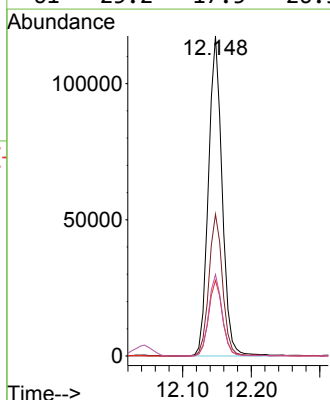
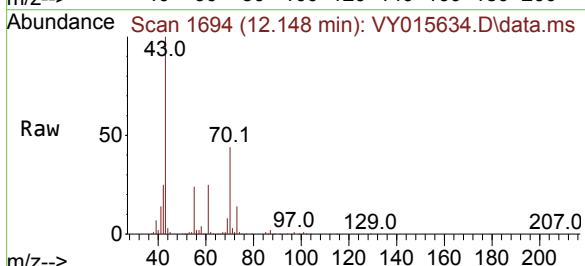
Ion Ratio Lower Upper

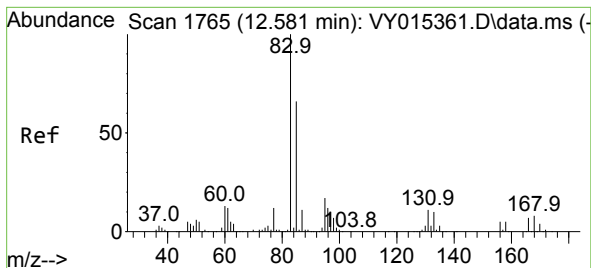
43 100

70 43.8 29.7 44.5

55 23.9 18.3 27.5

61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.504 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

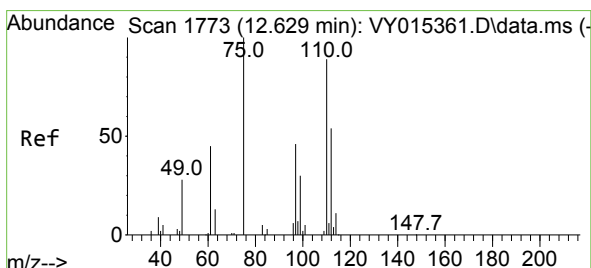
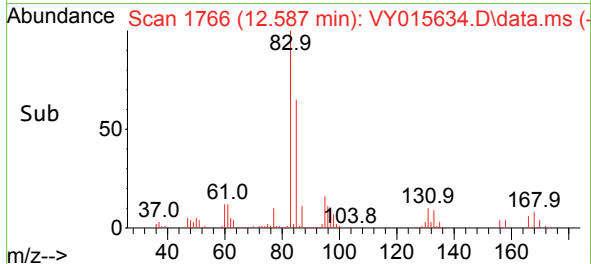
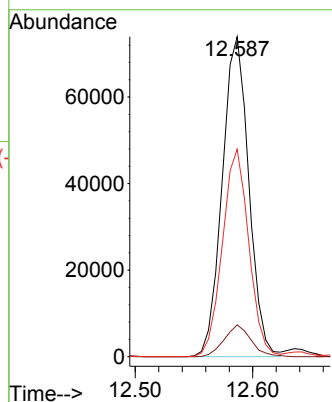
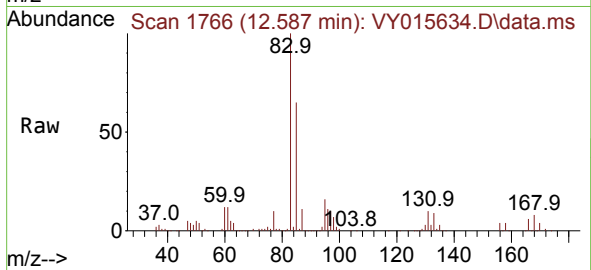
Tgt Ion: 83 Resp: 116311

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.959 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015634.D

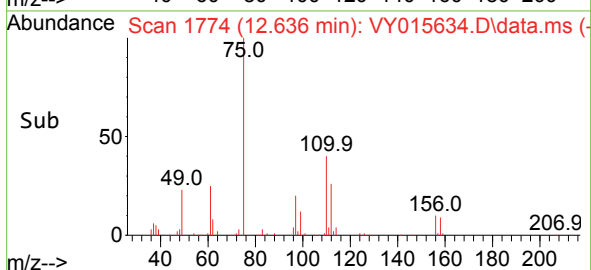
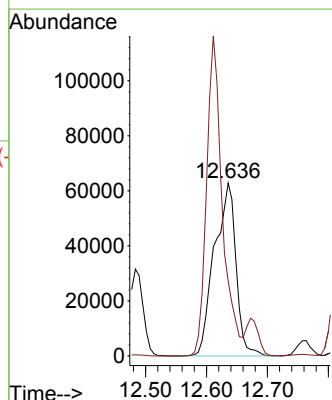
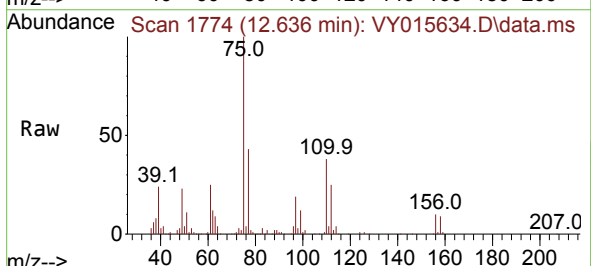
Acq: 18 Sep 2023 22:50

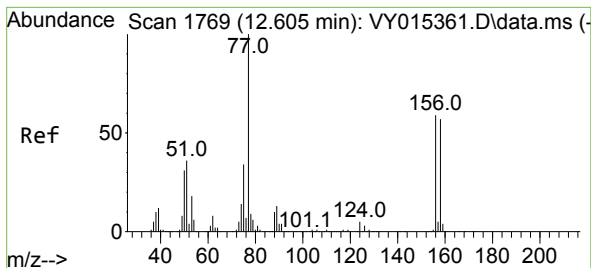
Tgt Ion: 75 Resp: 154275

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.029 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

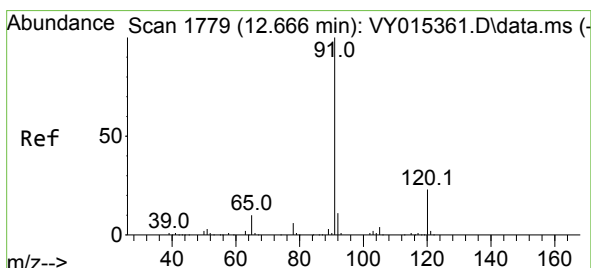
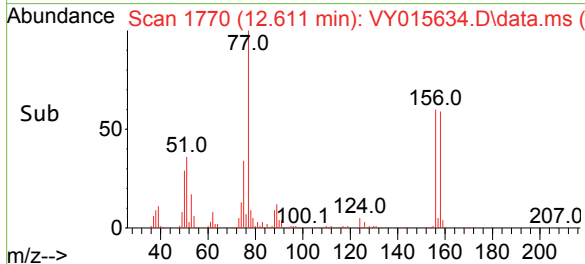
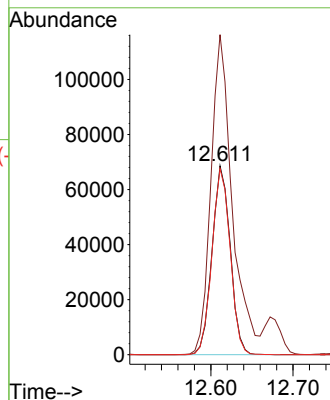
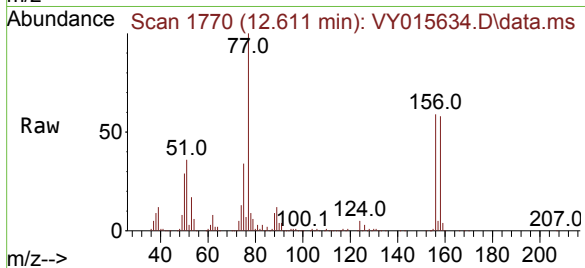
Tgt Ion:156 Resp: 105747

Ion Ratio Lower Upper

156 100

77 198.3 92.8 278.6

158 98.6 48.4 145.3



#78

n-propylbenzene

Concen: 48.121 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015634.D

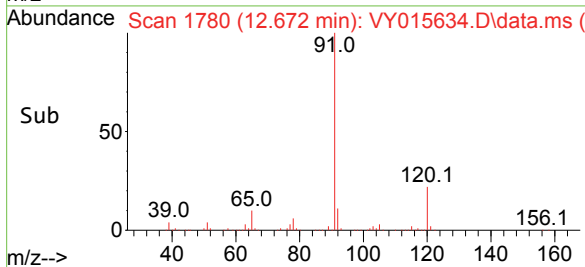
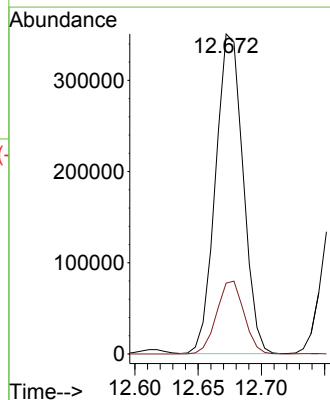
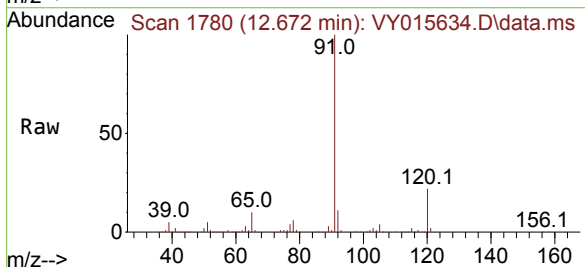
Acq: 18 Sep 2023 22:50

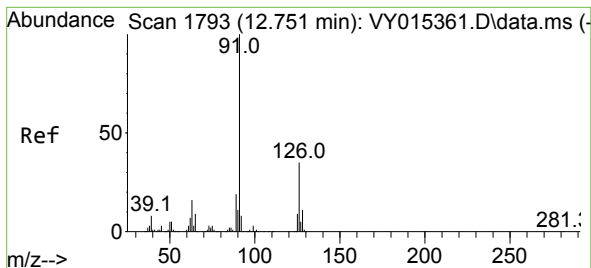
Tgt Ion: 91 Resp: 530243

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.453 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

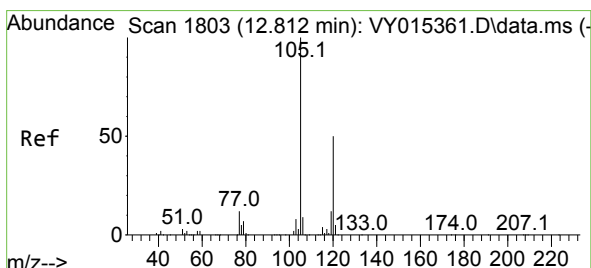
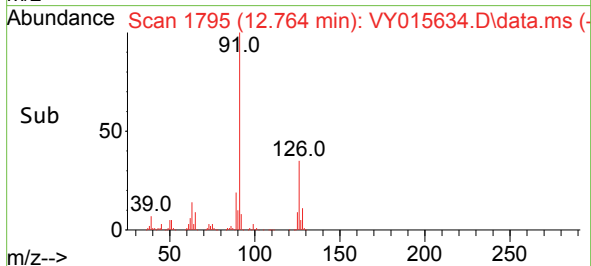
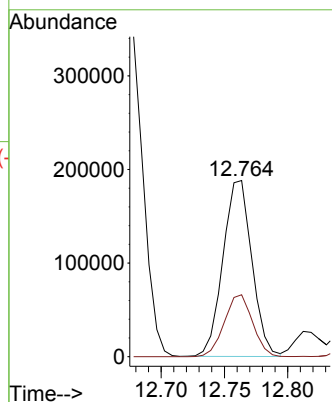
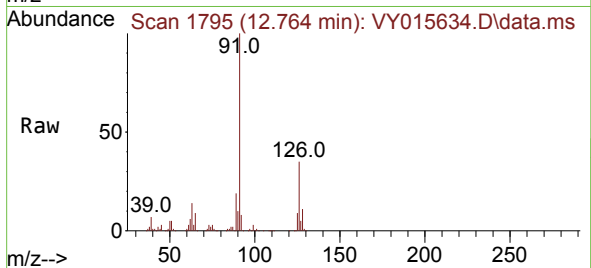
ClientSampleId :

Tgt Ion: 91 Resp: 299463

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 47.756 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015634.D

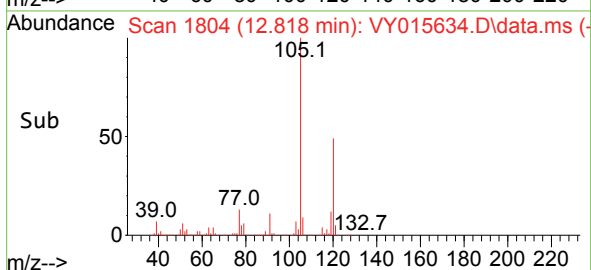
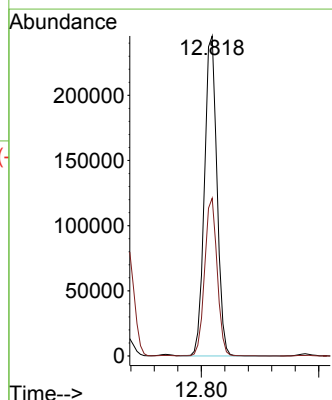
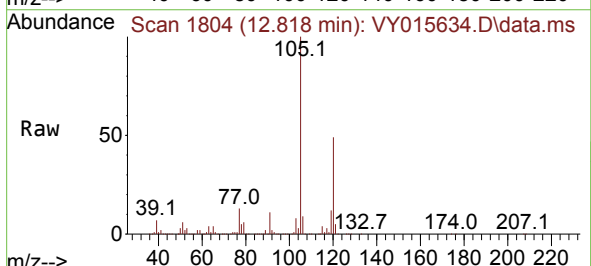
Acq: 18 Sep 2023 22:50

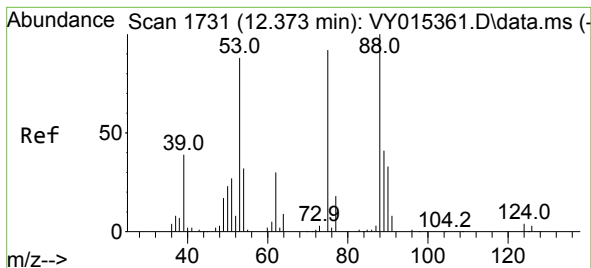
Tgt Ion: 105 Resp: 363753

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

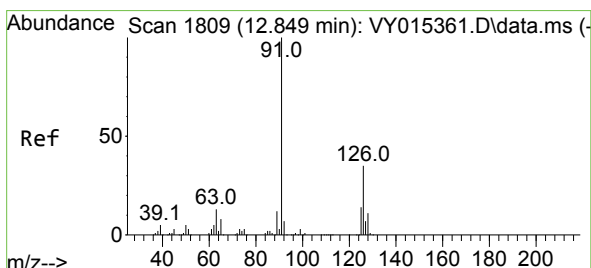
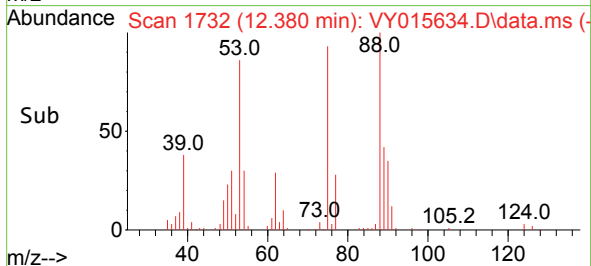
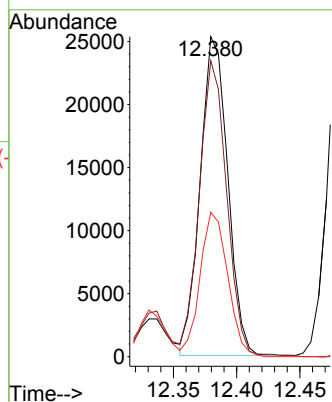
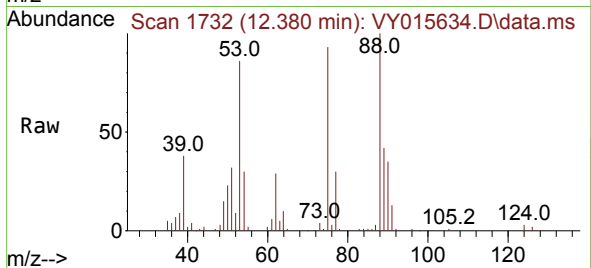




#81
trans-1,4-Dichloro-2-butene
Concen: 52.630 ug/l
RT: 12.380 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

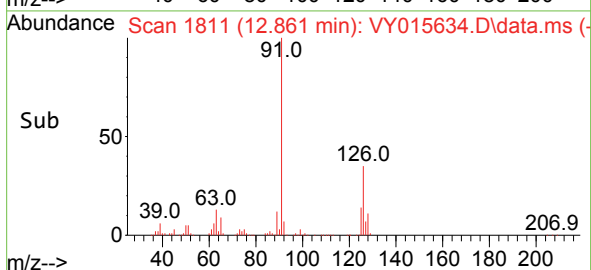
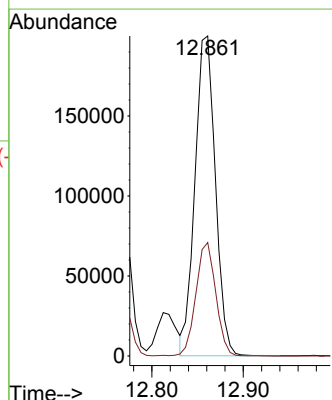
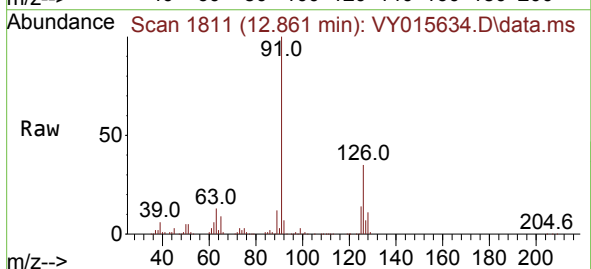
Instrument :
MSVOA_Y
ClientSampleId :

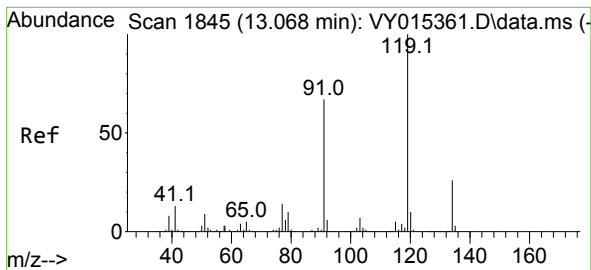
Tgt Ion: 75 Resp: 38358
Ion Ratio Lower Upper
75 100
53 92.4 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.291 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 91 Resp: 310189
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.033 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

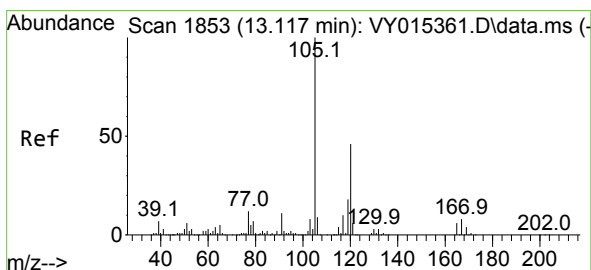
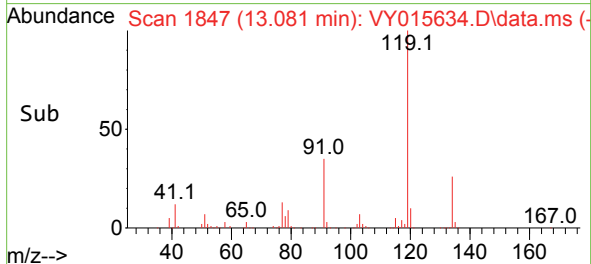
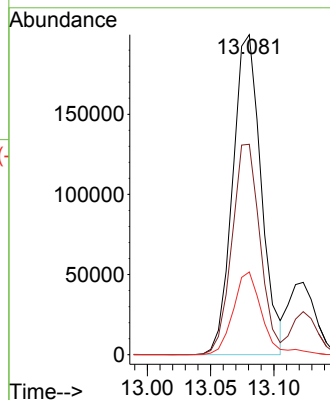
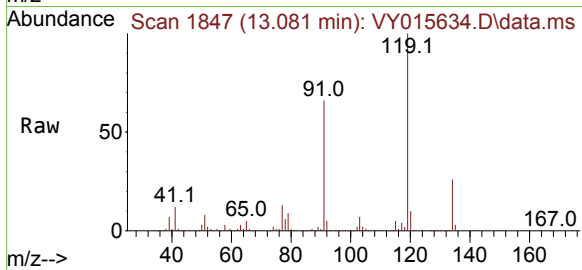
Tgt Ion:119 Resp: 313778

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.176 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015634.D

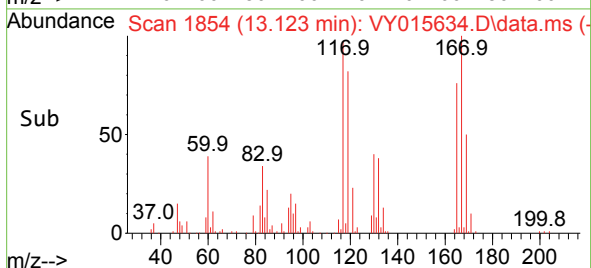
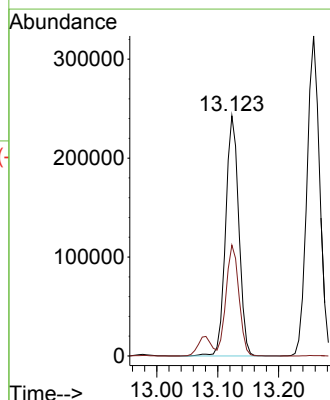
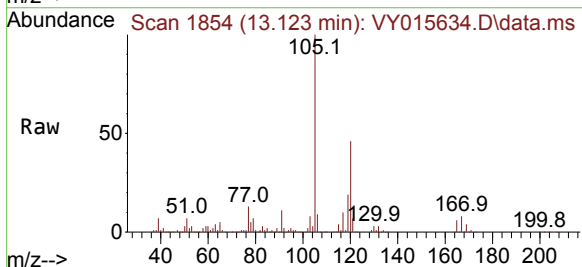
Acq: 18 Sep 2023 22:50

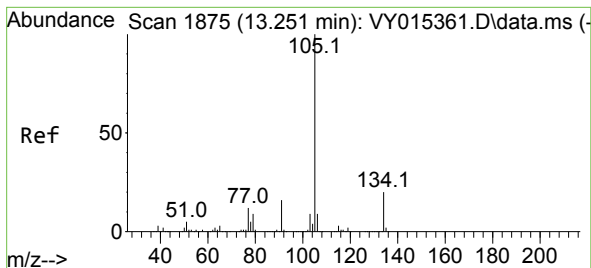
Tgt Ion:105 Resp: 364342

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.132 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

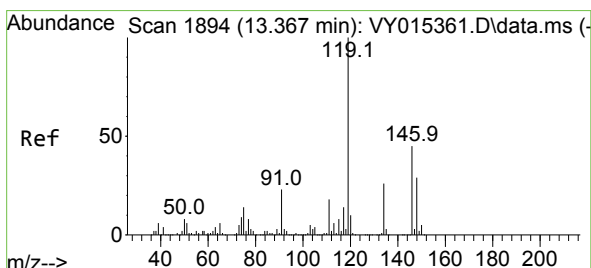
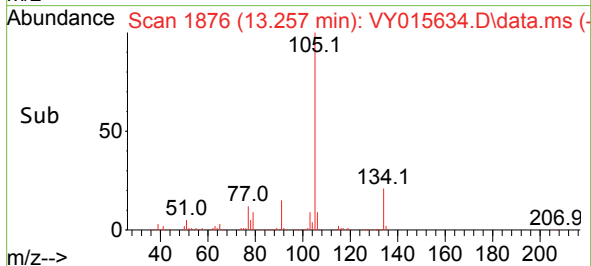
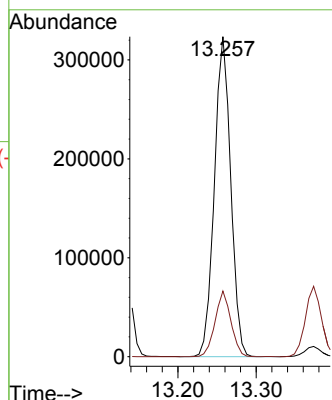
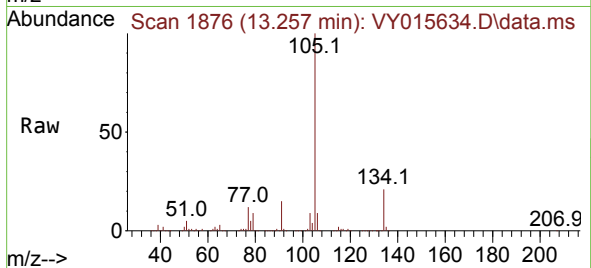
ClientSampleId :

Tgt Ion:105 Resp: 469003

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.075 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

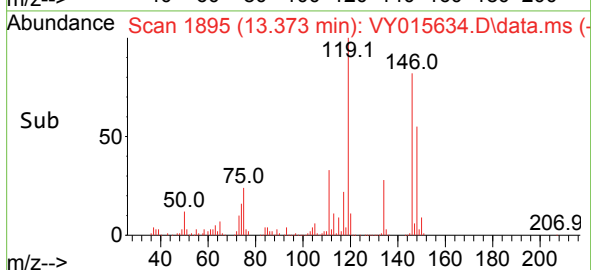
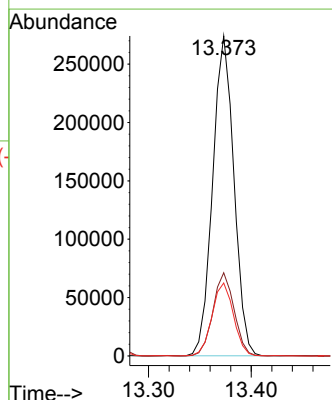
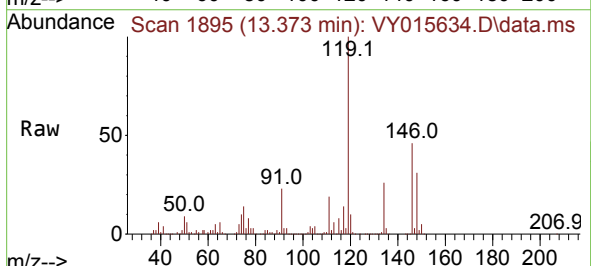
Tgt Ion:119 Resp: 392602

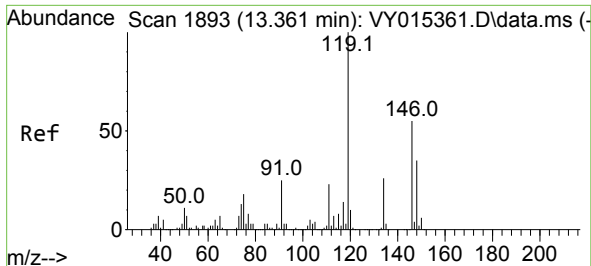
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.128 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

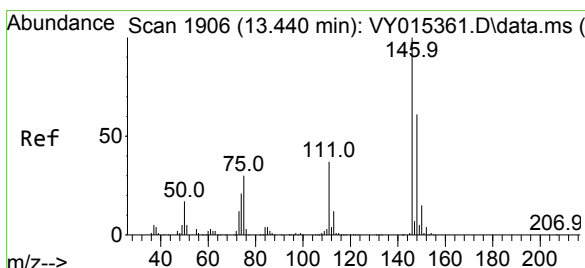
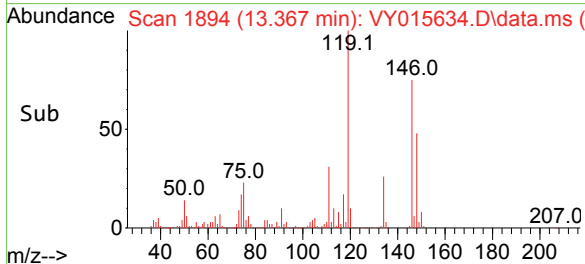
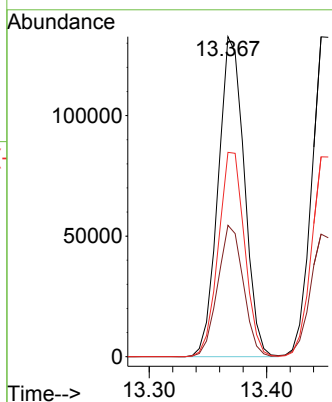
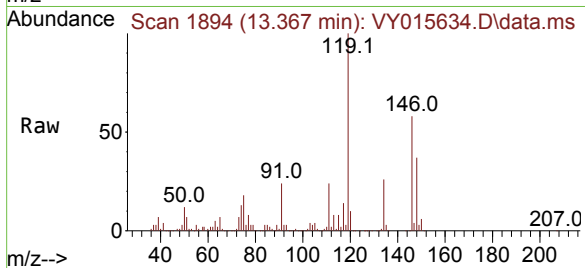
Tgt Ion:146 Resp: 204930

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.016 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

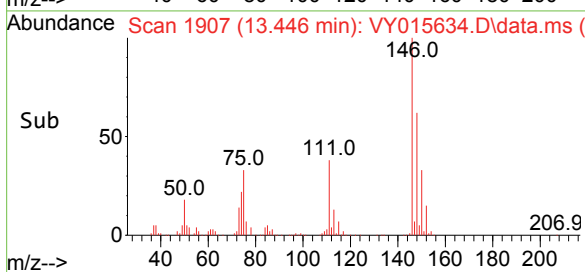
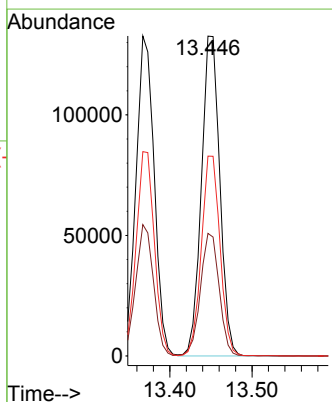
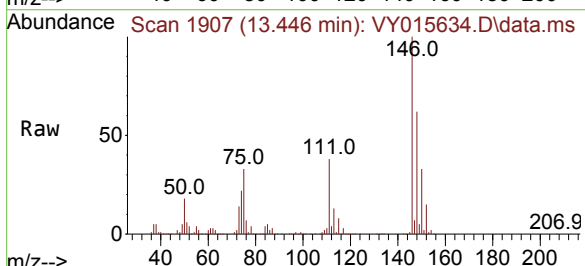
Tgt Ion:146 Resp: 206667

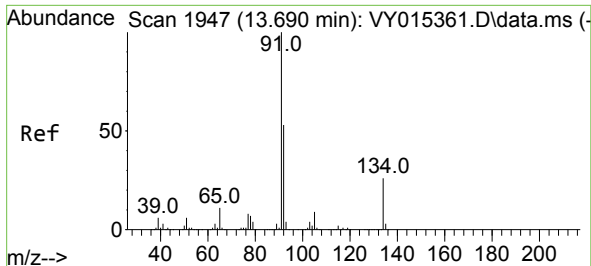
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 63.2 32.1 96.5

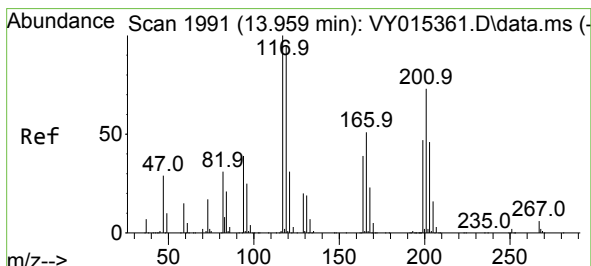
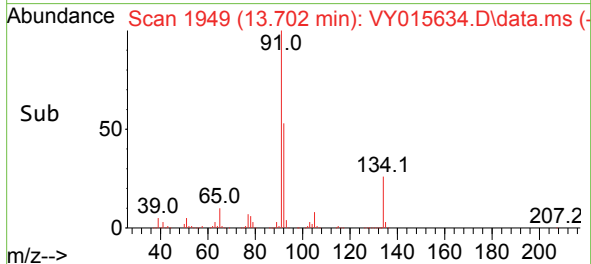
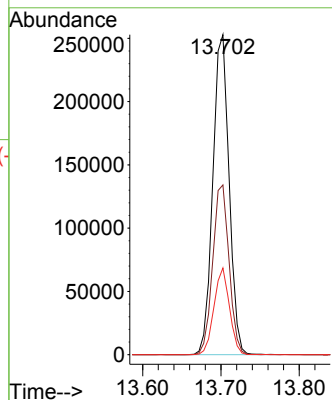
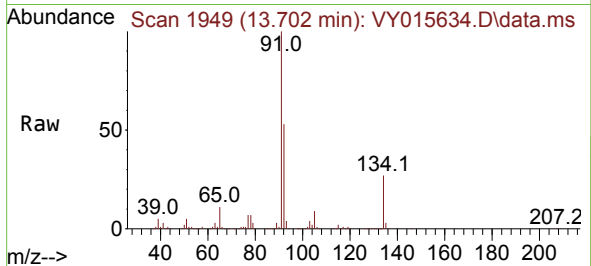




#89
n-Butylbenzene
Concen: 46.332 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

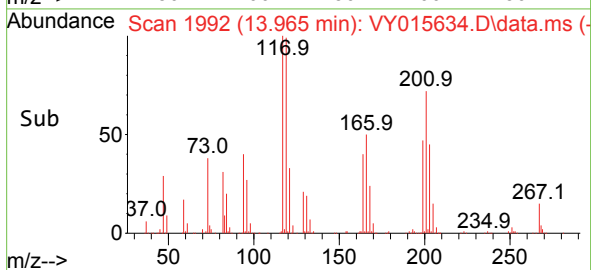
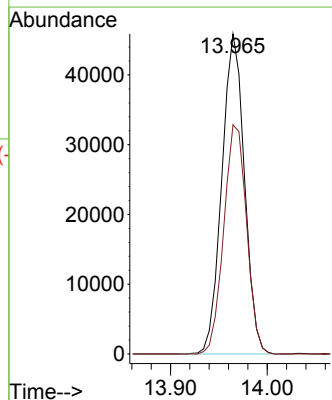
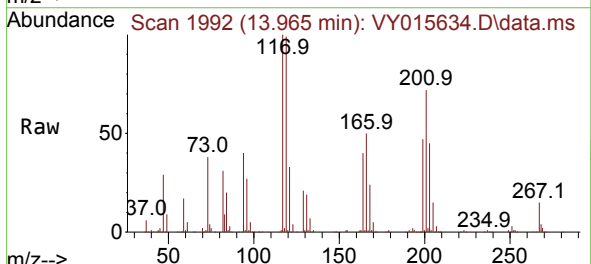
Instrument :
MSVOA_Y
ClientSampleId :

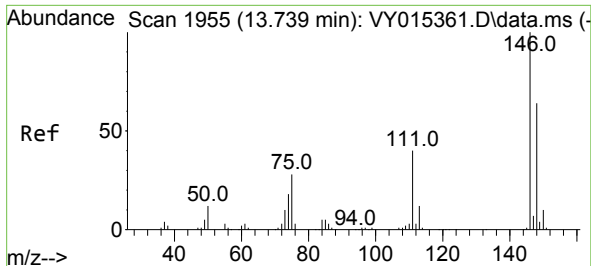
Tgt Ion: 91 Resp: 363692
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 25.9 12.6 37.6



#90
Hexachloroethane
Concen: 49.765 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion: 117 Resp: 74229
Ion Ratio Lower Upper
117 100
201 72.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.444 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

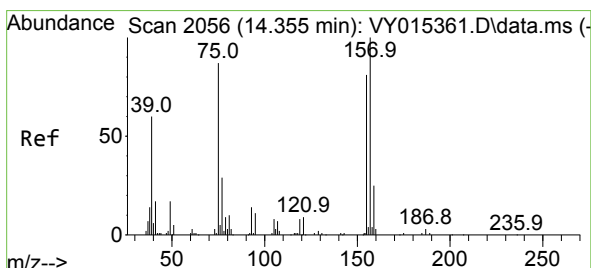
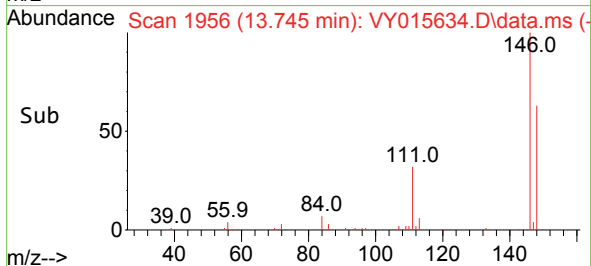
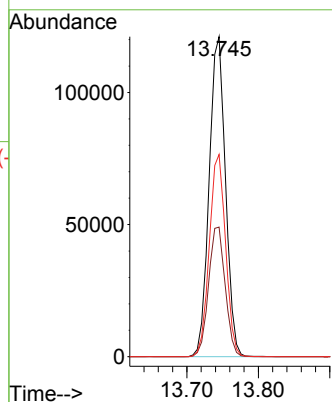
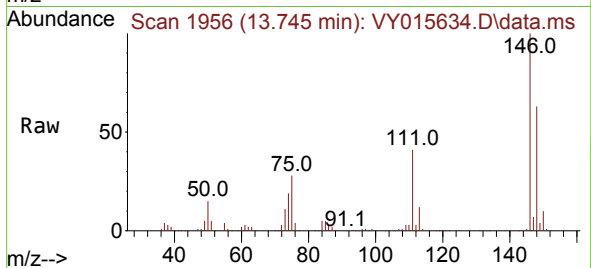
Tgt Ion:146 Resp: 192129

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.110 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

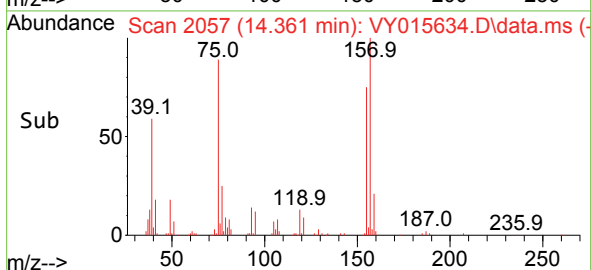
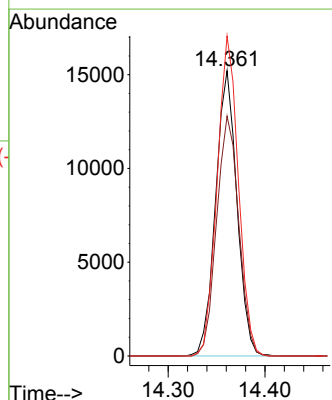
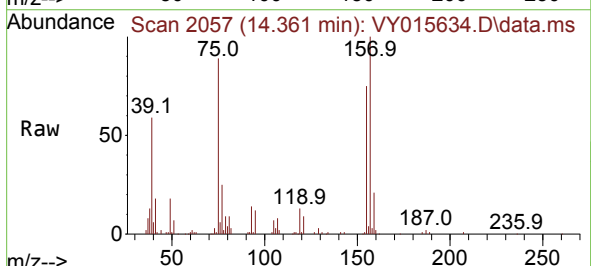
Tgt Ion: 75 Resp: 23269

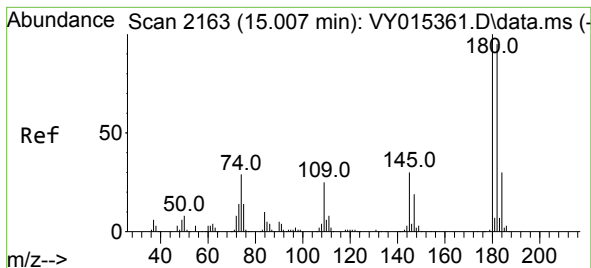
Ion Ratio Lower Upper

75 100

155 87.2 41.5 124.6

157 111.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.741 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

Instrument :

MSVOA_Y

ClientSampleId :

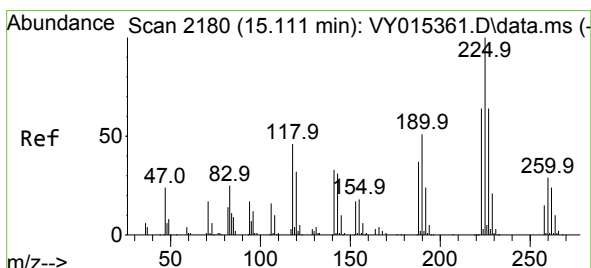
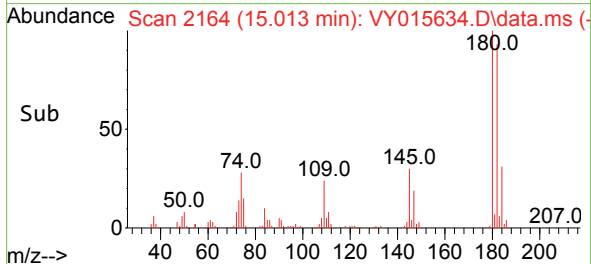
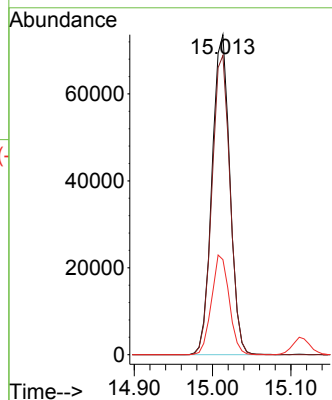
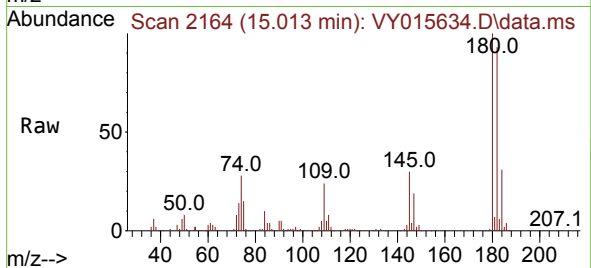
Tgt Ion:180 Resp: 116503

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 43.325 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015634.D

Acq: 18 Sep 2023 22:50

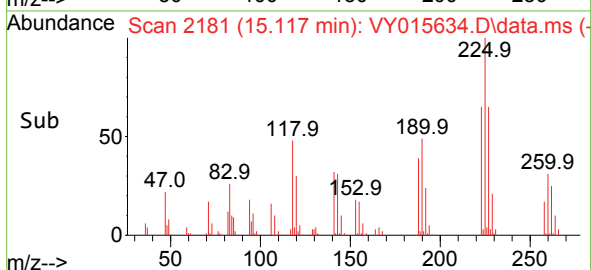
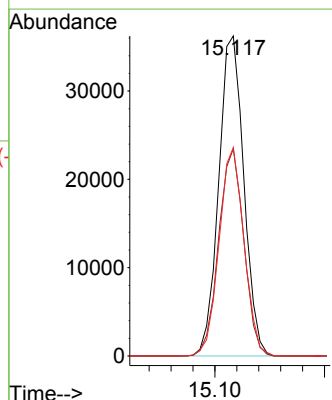
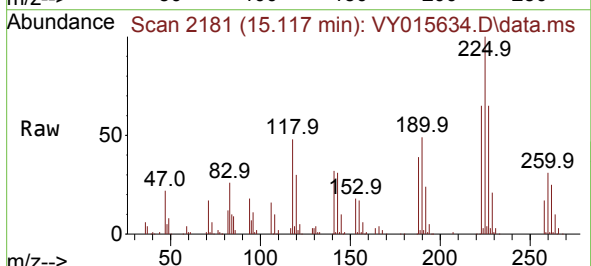
Tgt Ion:225 Resp: 57652

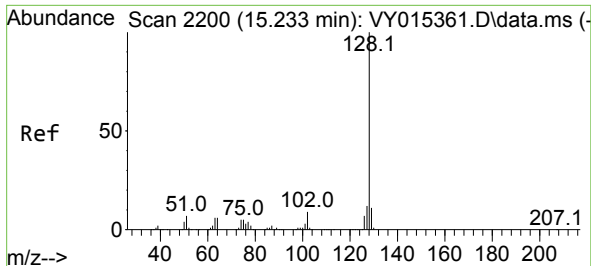
Ion Ratio Lower Upper

225 100

223 64.6 31.9 95.9

227 64.4 33.0 98.9

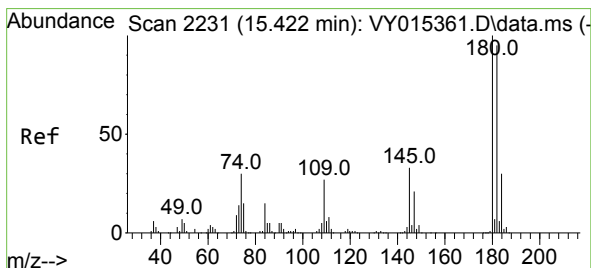
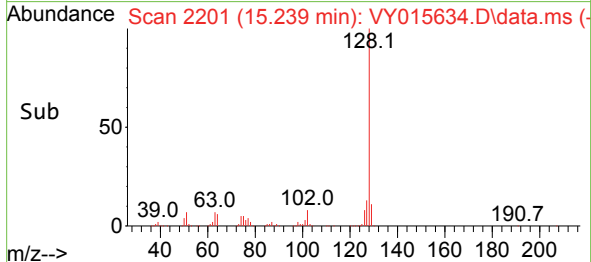
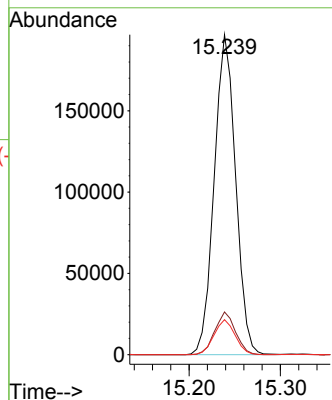
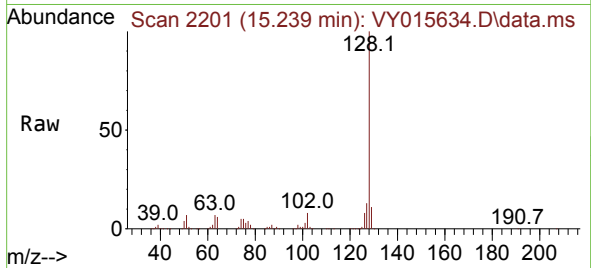




#95
Naphthalene
Concen: 52.981 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 320268
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.768 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015634.D
Acq: 18 Sep 2023 22:50

Tgt Ion:180 Resp: 110779
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 31.7 15.4 46.2

