

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015134.D
 Acq On : 16 Aug 2023 04:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	170310	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	289565	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	260567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109892	53.752	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.500%	
35) Dibromofluoromethane	7.722	113	98429	52.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.185	98	357711	51.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.483	95	125671	49.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	35365	48.321	ug/l	95
3) Chloromethane	2.113	50	56189	55.677	ug/l	99
4) Vinyl Chloride	2.253	62	68404	50.475	ug/l	98
5) Bromomethane	2.650	94	55069	59.602	ug/l	97
6) Chloroethane	2.790	64	54210	55.096	ug/l	95
7) Trichlorofluoromethane	3.125	101	114483	50.134	ug/l	99
8) Diethyl Ether	3.534	74	45940	51.297	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	67978	47.898	ug/l	98
10) Methyl Iodide	4.094	142	75806	54.397	ug/l	98
11) Tert butyl alcohol	4.972	59	71422	209.574	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	59116	49.883	ug/l	91
13) Acrolein	3.741	56	26873	194.460	ug/l	100
14) Allyl chloride	4.485	41	100109	47.646	ug/l	97
15) Acrylonitrile	5.174	53	161466	266.043	ug/l	100
16) Acetone	3.954	43	130216	194.970	ug/l	96
17) Carbon Disulfide	4.198	76	102173	48.990	ug/l	98
18) Methyl Acetate	4.485	43	153617	62.765	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	257047	51.012	ug/l	99
20) Methylene Chloride	4.716	84	91376	57.730	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	69312	51.851	ug/l	97
22) Diisopropyl ether	6.131	45	261433	49.865	ug/l #	90
23) Vinyl Acetate	6.070	43	705720	225.588	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	147158	51.845	ug/l	97
25) 2-Butanone	6.990	43	223589	236.441	ug/l	94
26) 2,2-Dichloropropane	6.990	77	103383	37.782	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	95961	52.552	ug/l	91
28) Bromochloromethane	7.338	49	64428	49.406	ug/l	90
29) Tetrahydrofuran	7.356	42	146517	259.120	ug/l	91
30) Chloroform	7.515	83	166126	52.209	ug/l	96
31) Cyclohexane	7.789	56	90769	49.690	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	140098	51.741	ug/l	99
36) 1,1-Dichloropropene	7.923	75	97949	47.527	ug/l	98
37) Ethyl Acetate	7.082	43	90664	47.195	ug/l #	96
38) Carbon Tetrachloride	7.905	117	119424	48.962	ug/l	97
39) Methylcyclohexane	9.191	83	108259	46.858	ug/l	93
40) Benzene	8.167	78	315029	50.559	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	134076	135.351	ug/l #	28
42) 1,2-Dichloroethane	8.240	62	114999	50.819	ug/l	95
43) Isopropyl Acetate	8.277	43	167231	47.803	ug/l	98
44) Trichloroethene	8.941	130	90235	50.267	ug/l	100
45) 1,2-Dichloropropane	9.222	63	86977	49.502	ug/l	97
46) Dibromomethane	9.313	93	57161	51.582	ug/l	97
47) Bromodichloromethane	9.502	83	134758	50.960	ug/l	99
48) Methyl methacrylate	9.295	41	76091	50.846	ug/l	93
49) 1,4-Dioxane	9.307	88	21877	987.251	ug/l #	55
51) 4-Methyl-2-Pentanone	10.075	43	522773	257.843	ug/l	93
52) Toluene	10.246	92	203998	49.672	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	127081	45.728	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	134644	46.004	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	84861	50.363	ug/l	95
56) Ethyl methacrylate	10.514	69	122029	49.485	ug/l	91
57) 1,3-Dichloropropane	10.794	76	137901	50.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	273120	237.993	ug/l	93
59) 2-Hexanone	10.837	43	379263	252.749	ug/l	93
60) Dibromochloromethane	10.990	129	104275	51.879	ug/l	100
61) 1,2-Dibromoethane	11.093	107	81574	50.962	ug/l	97
64) Tetrachloroethene	10.721	164	102693	56.569	ug/l	97
65) Chlorobenzene	11.520	112	238772	50.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	99891	51.855	ug/l	98
67) Ethyl Benzene	11.599	91	410877	49.395	ug/l	98
68) m/p-Xylenes	11.703	106	314736	99.623	ug/l	95
69) o-Xylene	12.032	106	158045	50.217	ug/l	97
70) Styrene	12.044	104	276690	50.796	ug/l	97
71) Bromoform	12.209	173	71796	51.414	ug/l #	99
73) Isopropylbenzene	12.331	105	422943	49.759	ug/l	99
74) N-amyl acetate	12.148	43	139958	45.606	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	112951	51.022	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	143083	89.096	ug/l #	100
77) Bromobenzene	12.611	156	105324	50.835	ug/l	97
78) n-propylbenzene	12.672	91	495497	49.091	ug/l	100
79) 2-Chlorotoluene	12.758	91	291477	50.059	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	350148	49.419	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	31799	43.492	ug/l	98
82) 4-Chlorotoluene	12.855	91	299131	49.726	ug/l	99
83) tert-Butylbenzene	13.075	119	327981	50.609	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	352765	49.826	ug/l	98
85) sec-Butylbenzene	13.257	105	474438	49.964	ug/l	100
86) p-Isopropyltoluene	13.373	119	388634	49.365	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	205028	49.892	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	201738	48.945	ug/l	99
89) n-Butylbenzene	13.696	91	345906	46.600	ug/l	97
90) Hexachloroethane	13.965	117	77380	49.545	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	195683	50.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22490	52.444	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	114569	46.486	ug/l	99
94) Hexachlorobutadiene	15.111	225	64993	48.480	ug/l	97
95) Naphthalene	15.239	128	311099	50.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	109373	49.138	ug/l	99

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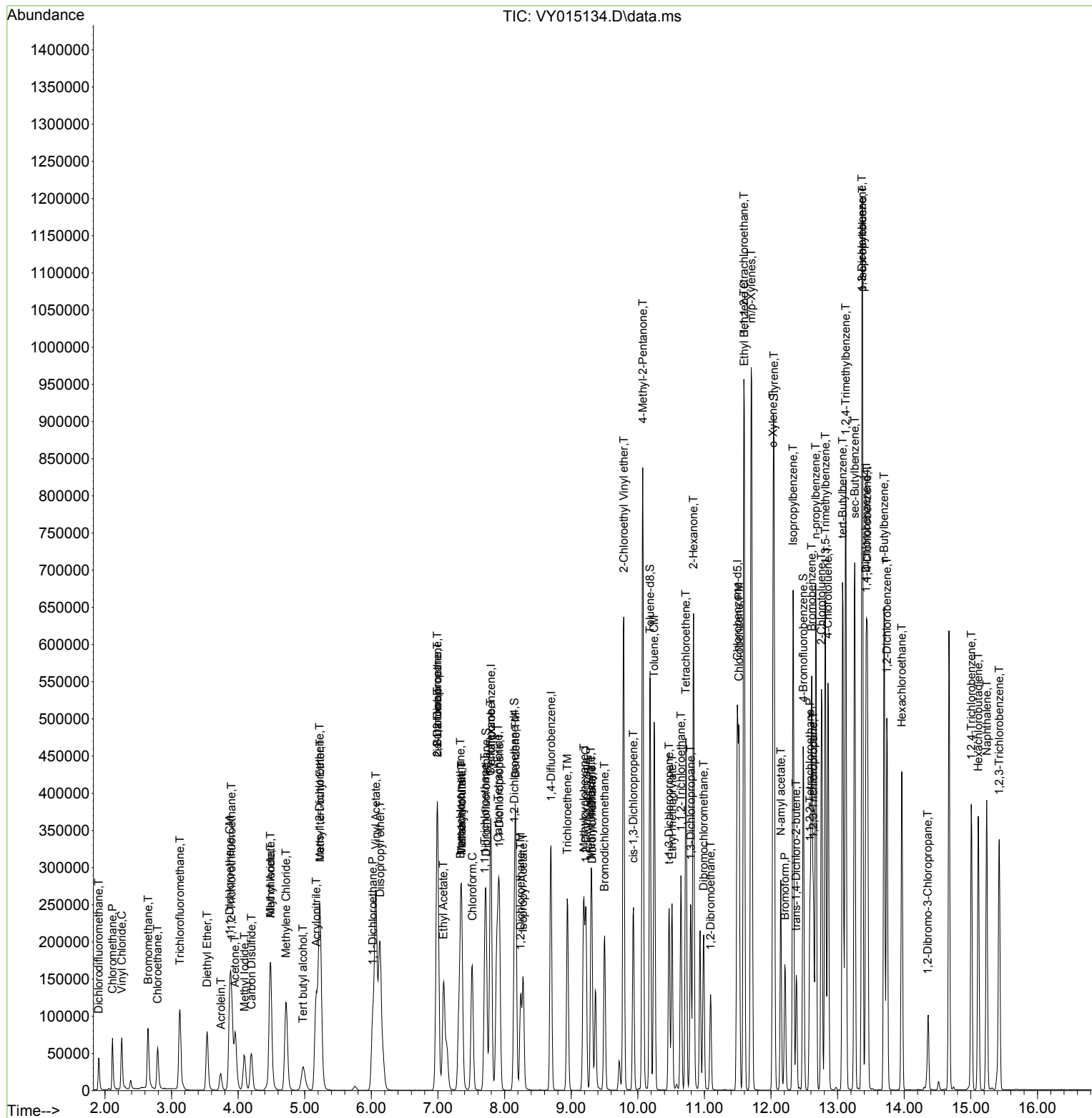
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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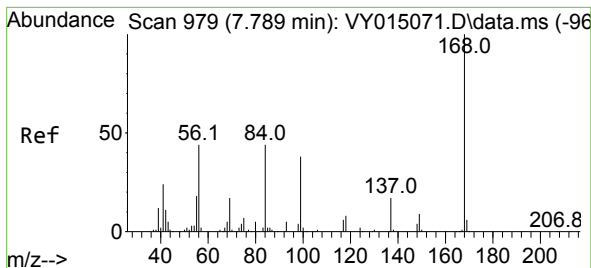
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

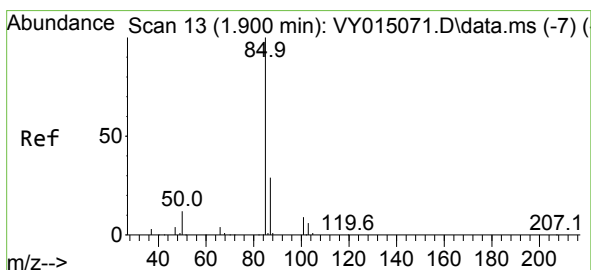
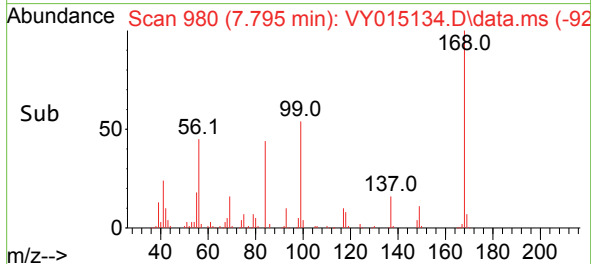
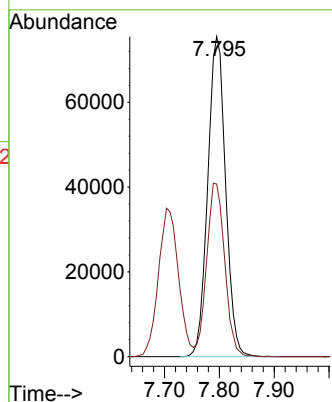
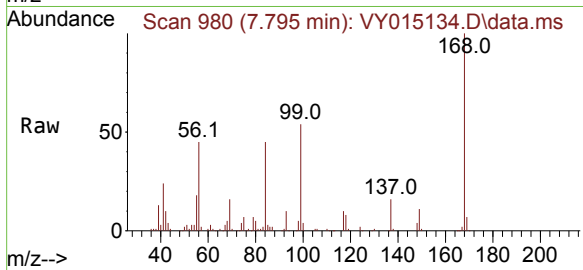
ClientSampleId :

Tgt Ion:168 Resp: 170310

Ion Ratio Lower Upper

168 100

99 53.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 48.321 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015134.D

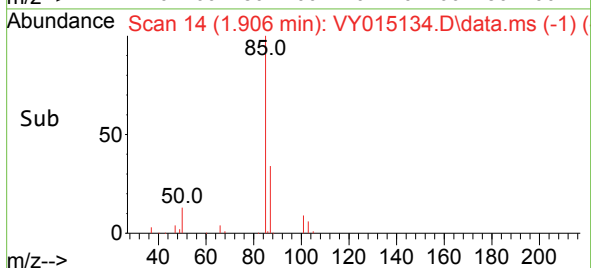
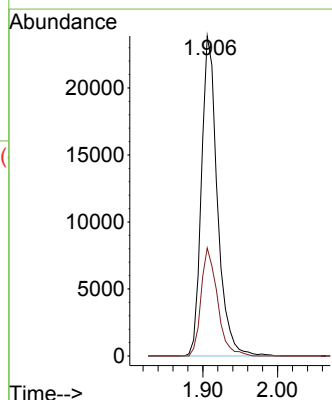
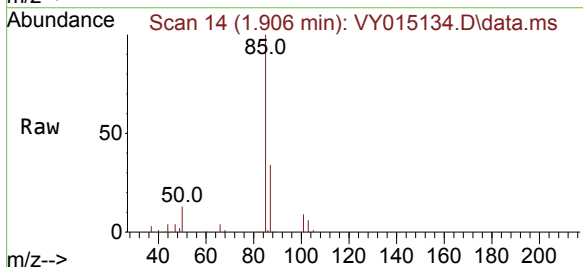
Acq: 16 Aug 2023 04:02

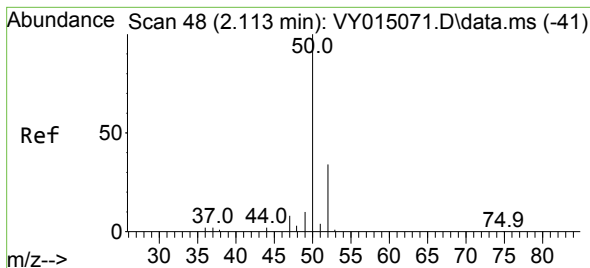
Tgt Ion: 85 Resp: 35365

Ion Ratio Lower Upper

85 100

87 33.7 15.6 46.8





#3

Chloromethane

Concen: 55.677 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

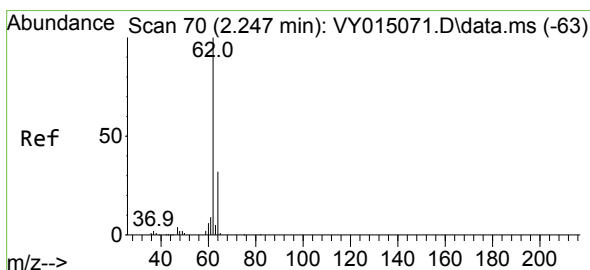
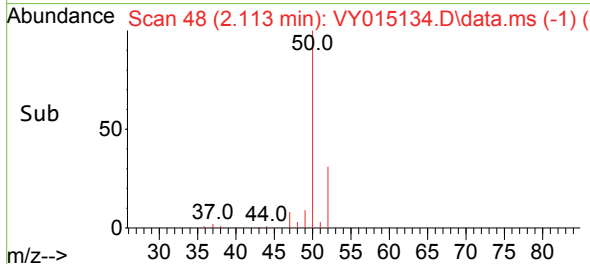
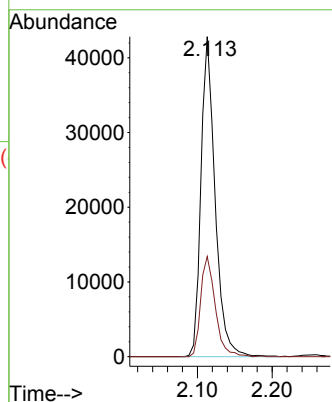
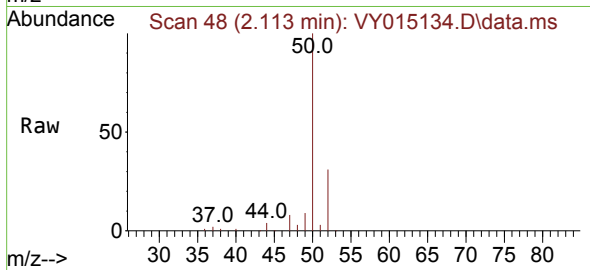
ClientSampleId :

Tgt Ion: 50 Resp: 56189

Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2



#4

Vinyl Chloride

Concen: 50.475 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY015134.D

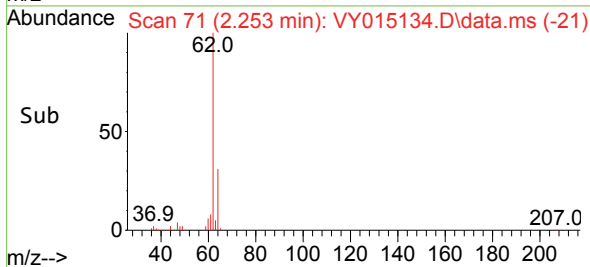
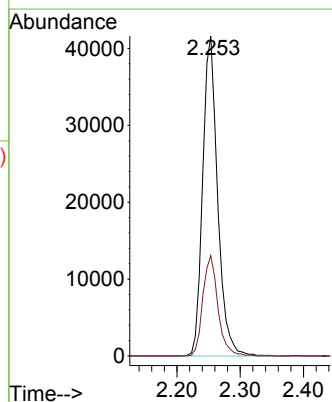
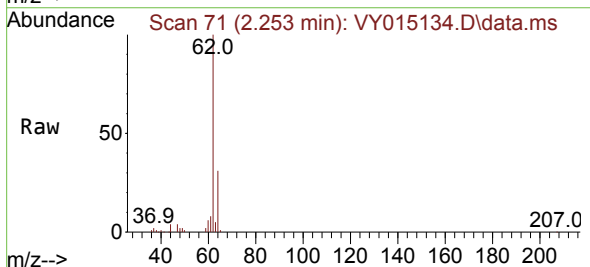
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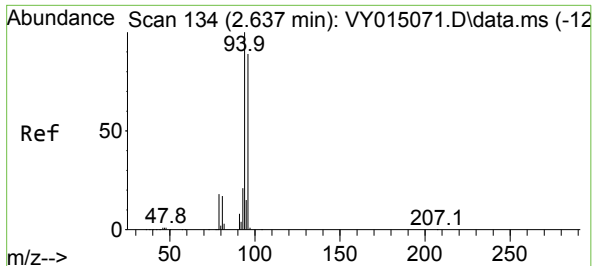
Tgt Ion: 62 Resp: 68404

Ion Ratio Lower Upper

62 100

64 31.4 24.3 36.5

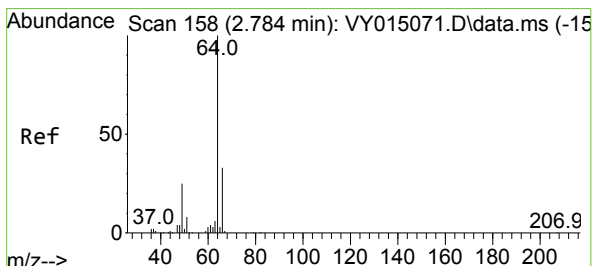
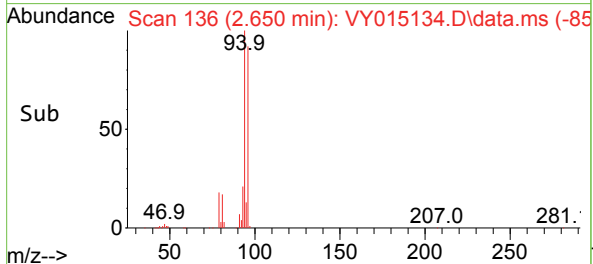
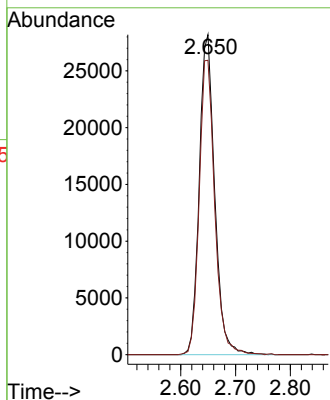
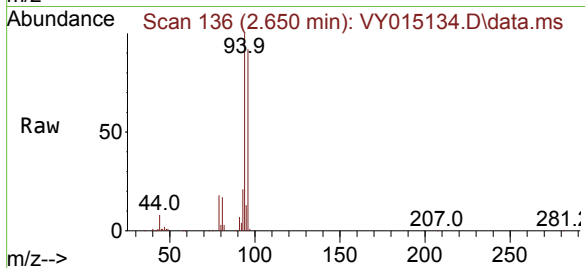




#5
Bromomethane
Concen: 59.602 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

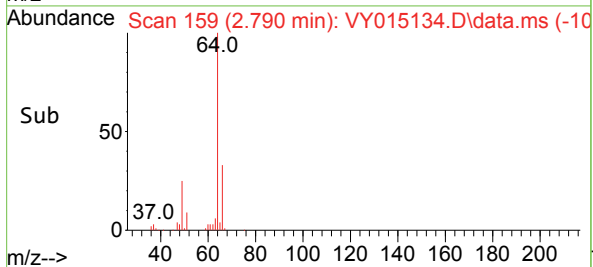
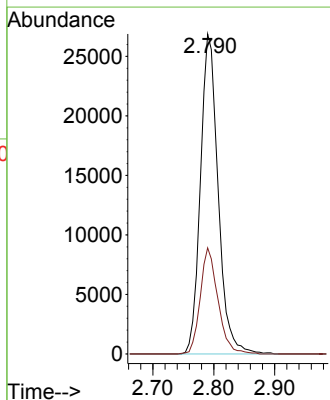
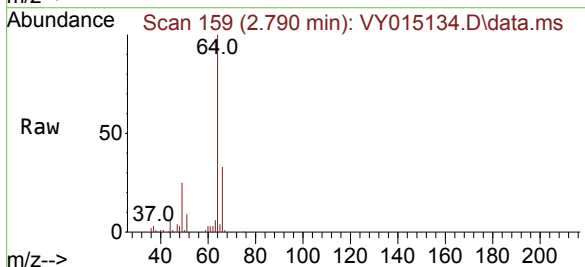
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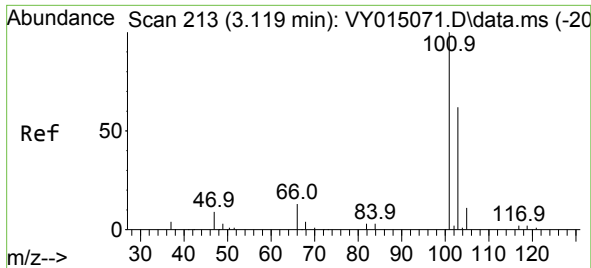
Tgt Ion: 94 Resp: 55069
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.6



#6
Chloroethane
Concen: 55.096 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 64 Resp: 54210
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6

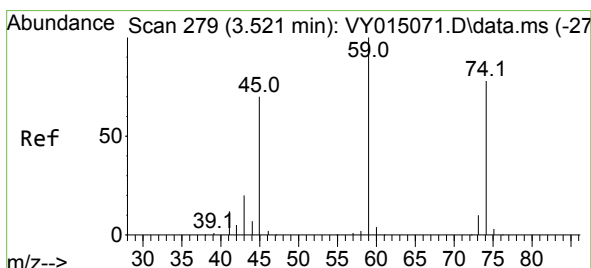
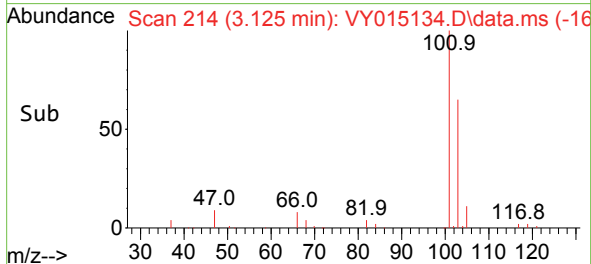
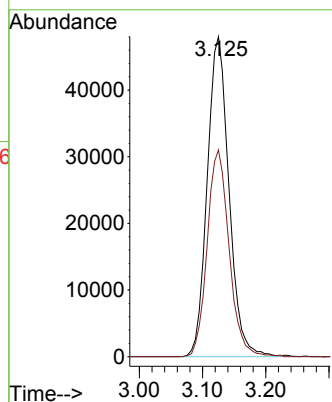
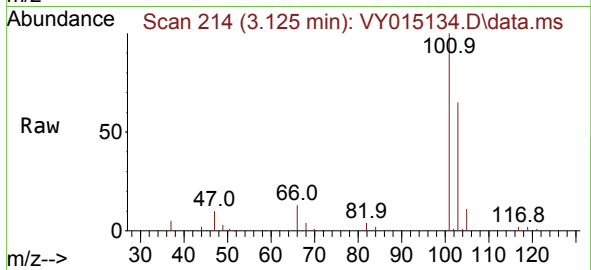




#7
 Trichlorofluoromethane
 Concen: 50.134 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

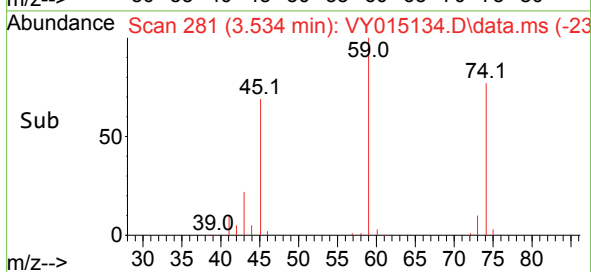
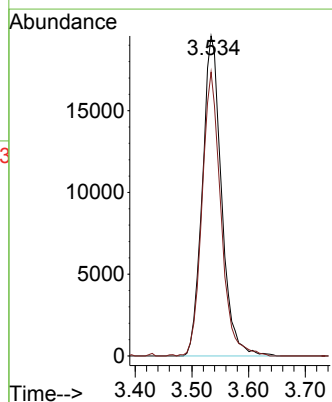
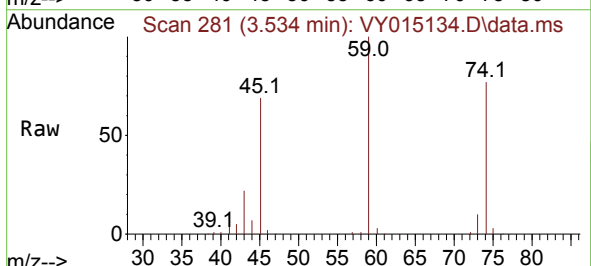
Instrument :
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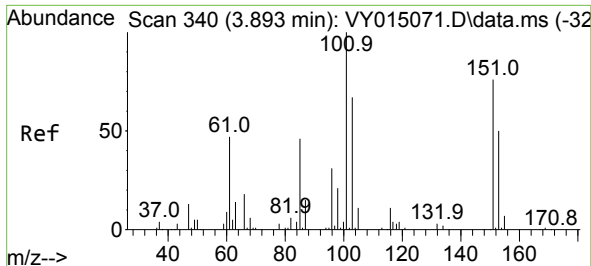
Tgt Ion:101 Resp: 114483
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.297 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

Tgt Ion: 74 Resp: 45940
 Ion Ratio Lower Upper
 74 100
 45 87.4 51.5 154.5

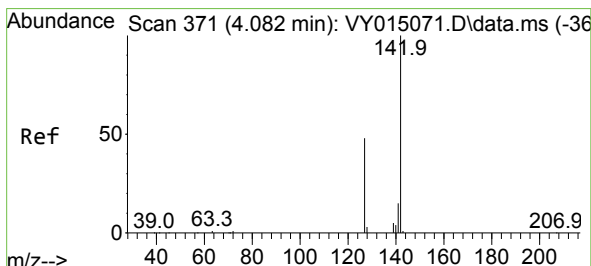
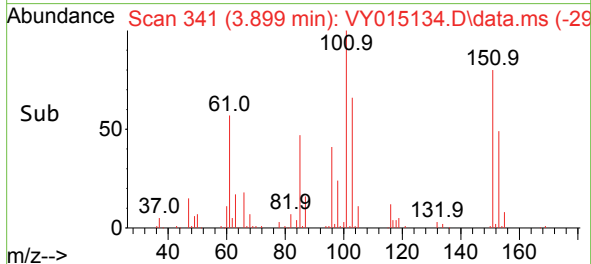
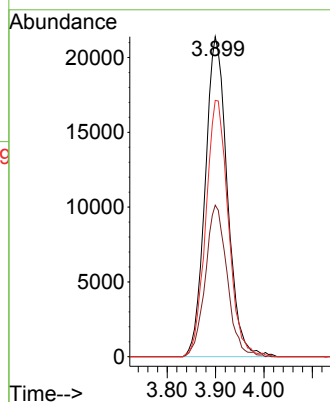
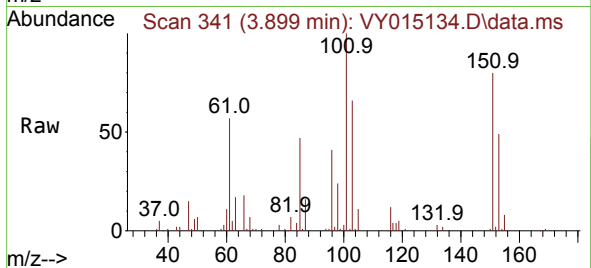




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.898 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

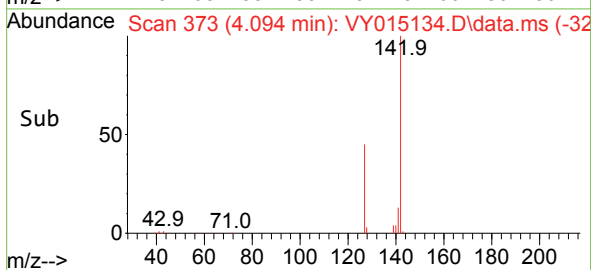
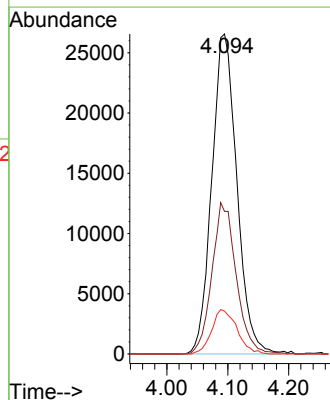
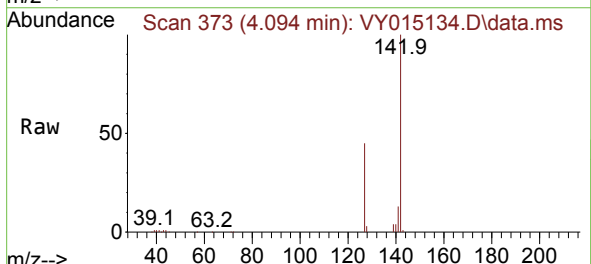
Instrument :
MSVOA_Y
ClientSampleId :

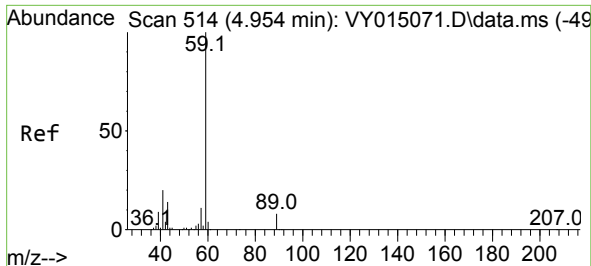
Tgt Ion:101 Resp: 67978
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 81.3 67.0 100.6



#10
Methyl Iodide
Concen: 54.397 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

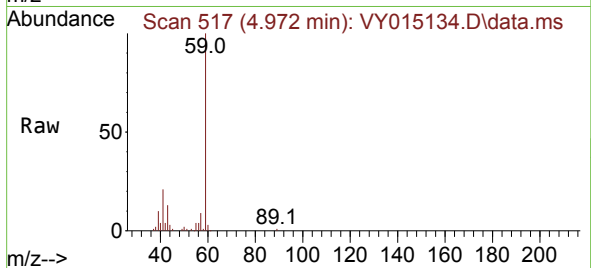
Tgt Ion:142 Resp: 75806
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.0 11.8 17.8



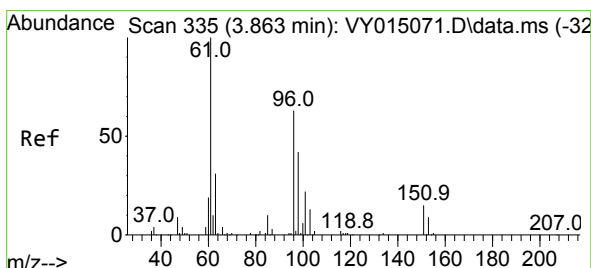
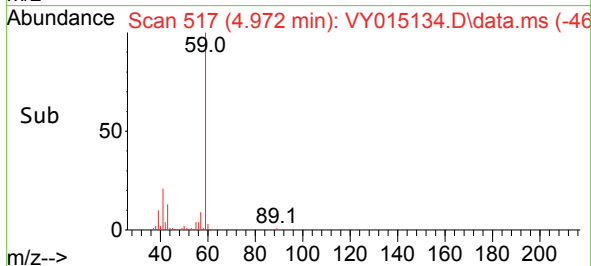
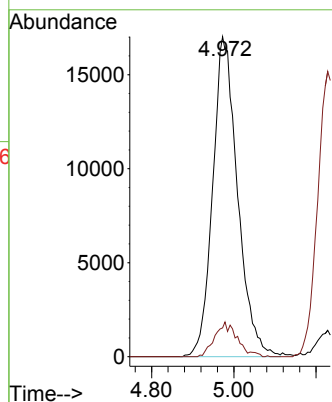


#11
Tert butyl alcohol
Concen: 209.574 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.024 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Instrument :
MSVOA_Y
ClientSampleId :

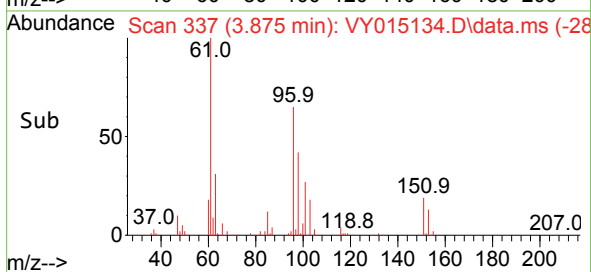
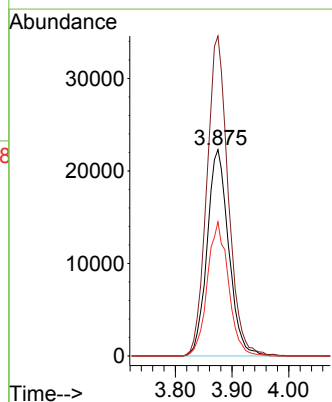
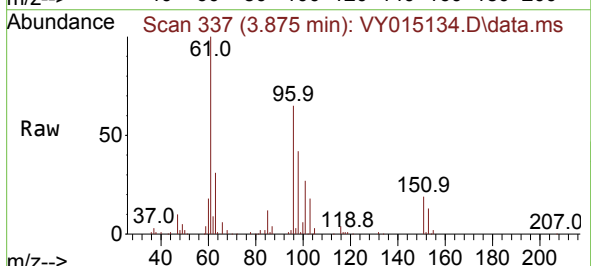


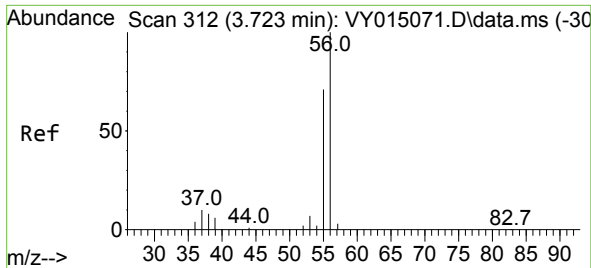
Tgt Ion: 59 Resp: 71422
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.883 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 96 Resp: 59116
Ion Ratio Lower Upper
96 100
61 155.0 136.4 204.6
98 65.0 49.4 74.2

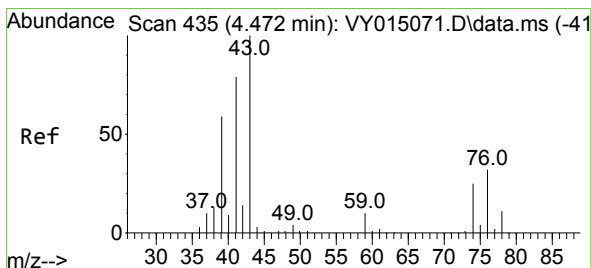
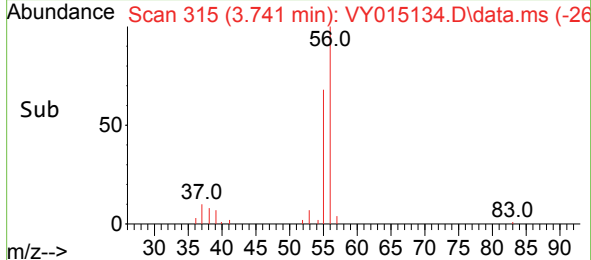
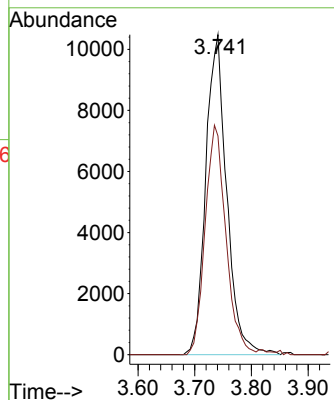
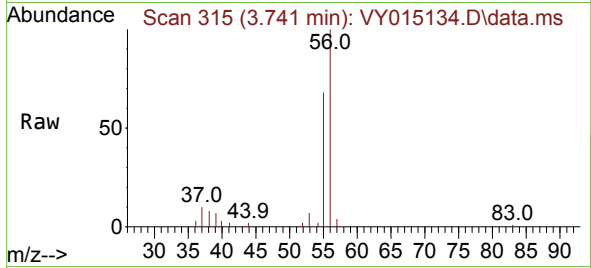




#13
Acrolein
Concen: 194.460 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

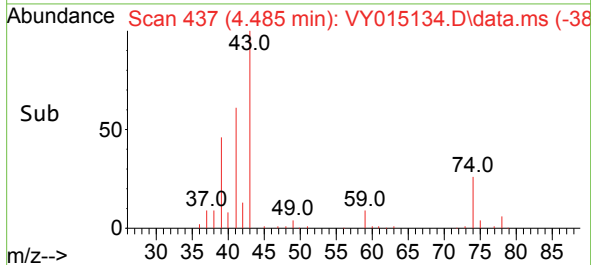
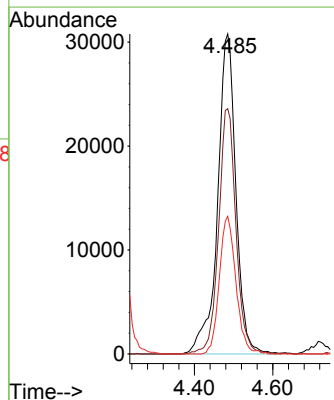
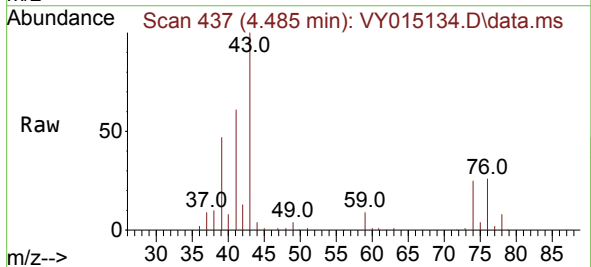
Instrument :
MSVOA_Y
ClientSampleId :

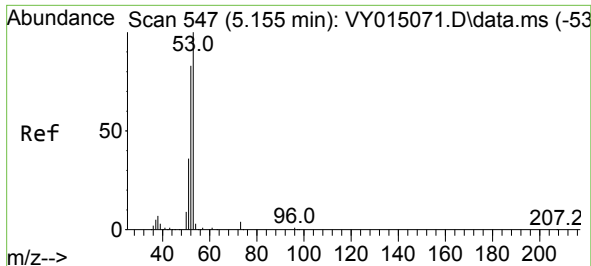
Tgt Ion: 56 Resp: 26873
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 47.646 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

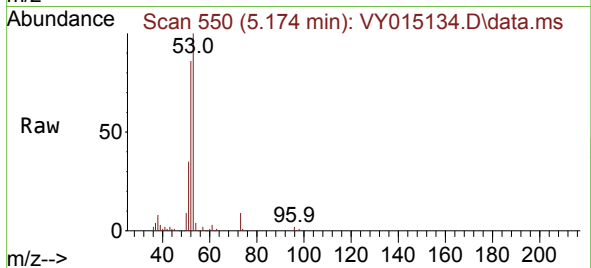
Tgt Ion: 41 Resp: 100109
Ion Ratio Lower Upper
41 100
39 72.7 58.0 87.0
76 39.0 27.4 41.2



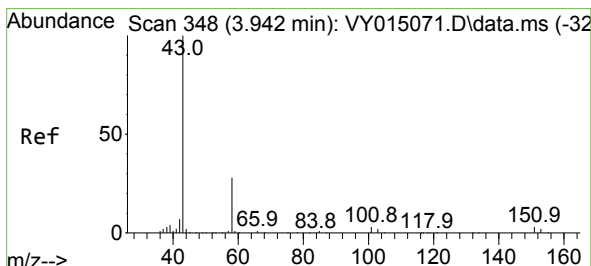
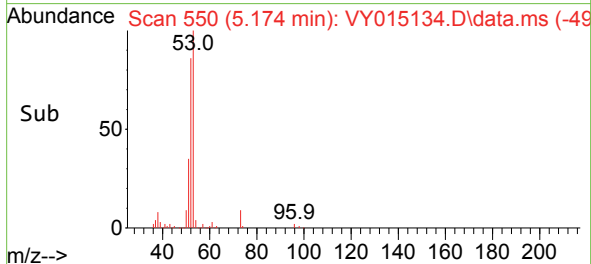
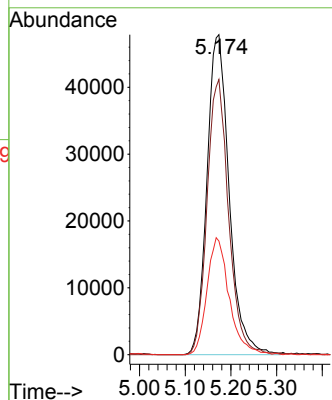


#15
Acrylonitrile
Concen: 266.043 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Instrument :
MSVOA_Y
ClientSampleId :

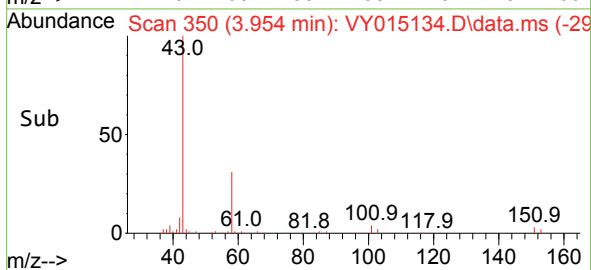
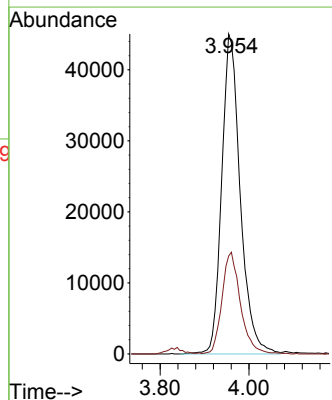
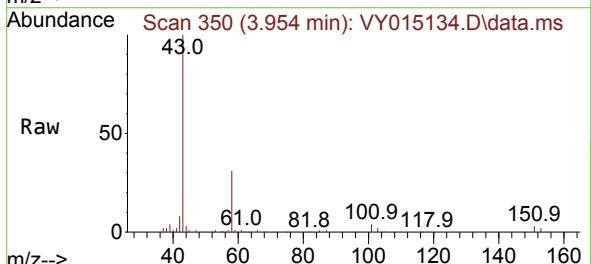


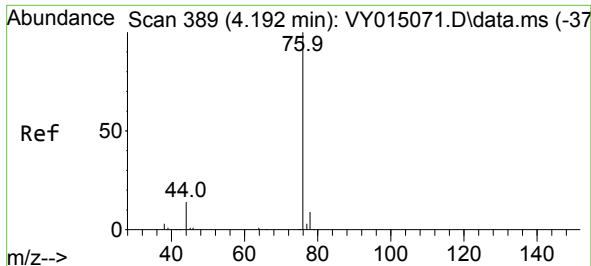
Tgt Ion: 53 Resp: 161466
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 194.970 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 43 Resp: 130216
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1

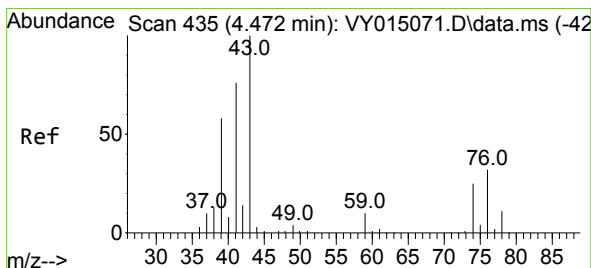
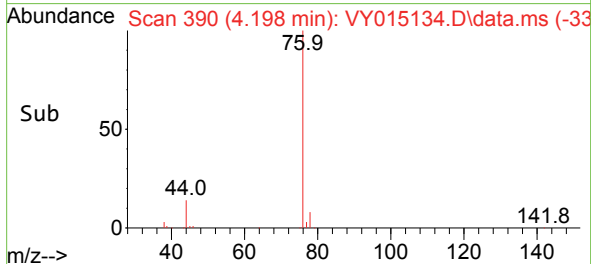
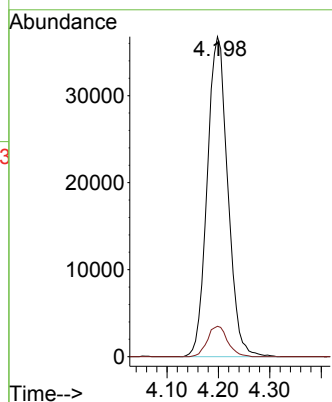
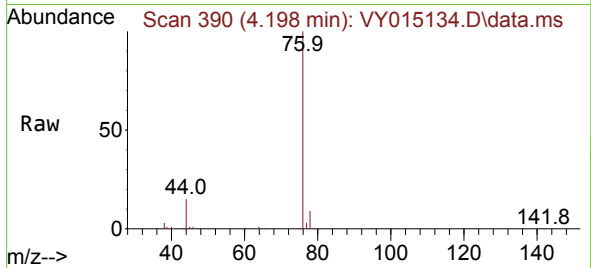




#17
Carbon Disulfide
Concen: 48.990 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

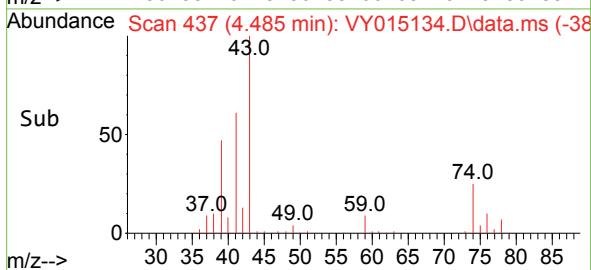
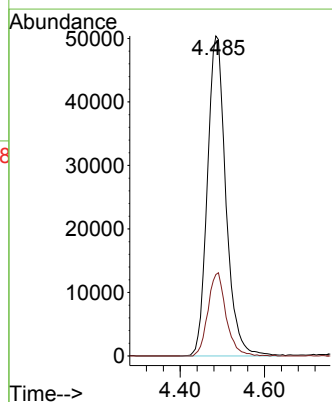
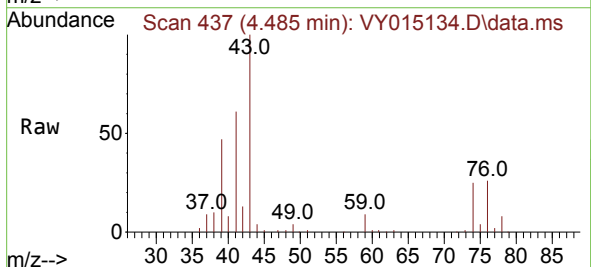
Instrument :
MSVOA_Y
ClientSampleId :

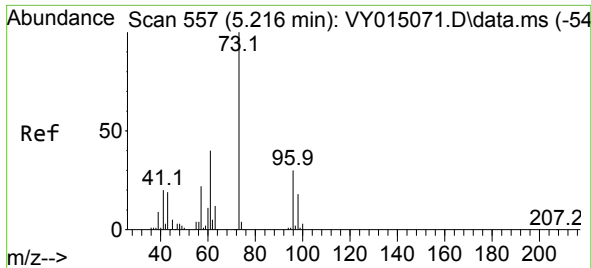
Tgt Ion: 76 Resp: 102173
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 62.765 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 43 Resp: 153617
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0

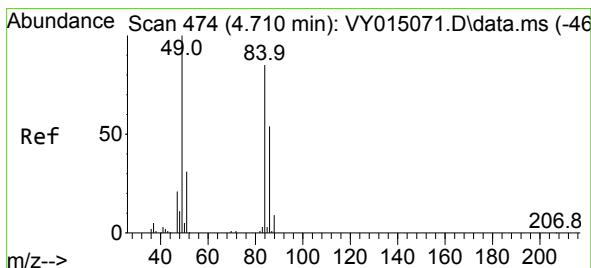
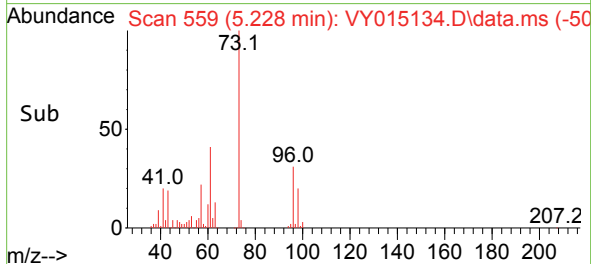
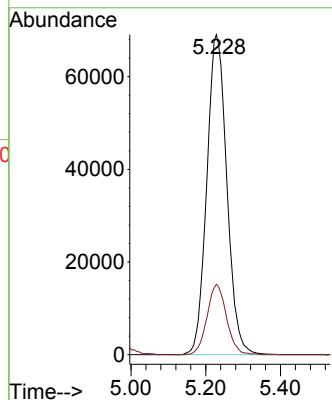
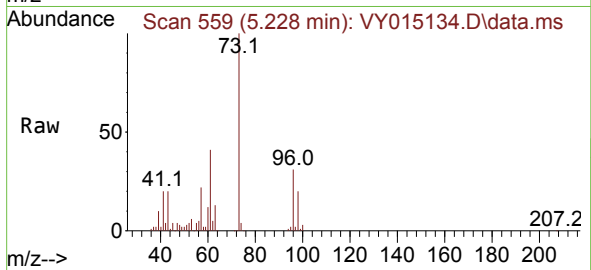




#19
Methyl tert-butyl Ether
Concen: 51.012 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

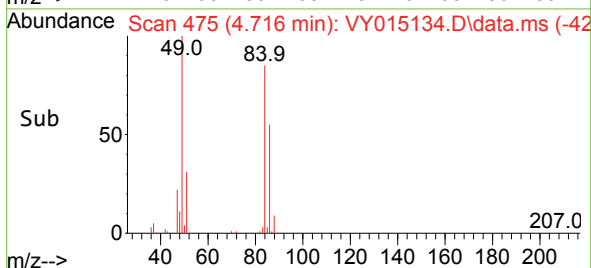
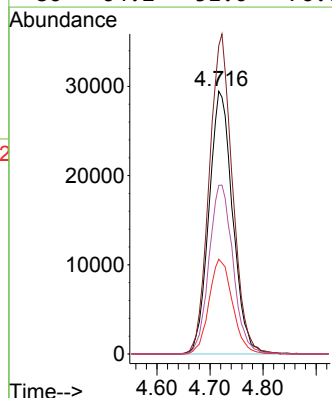
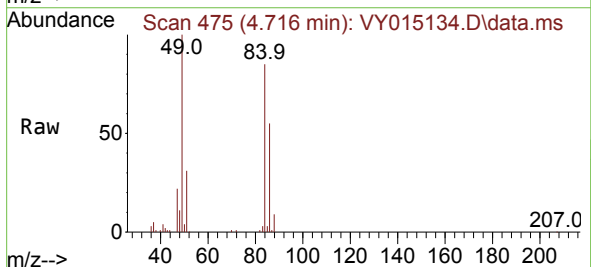
Instrument :
MSVOA_Y
ClientSampleId :

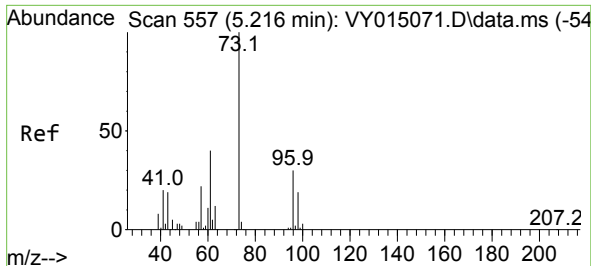
Tgt Ion: 73 Resp: 257047
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 57.730 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

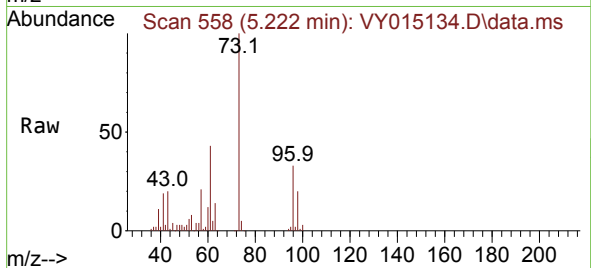
Tgt Ion: 84 Resp: 91376
Ion Ratio Lower Upper
84 100
49 117.3 106.9 160.3
51 36.1 33.2 49.8
86 64.2 51.0 76.6



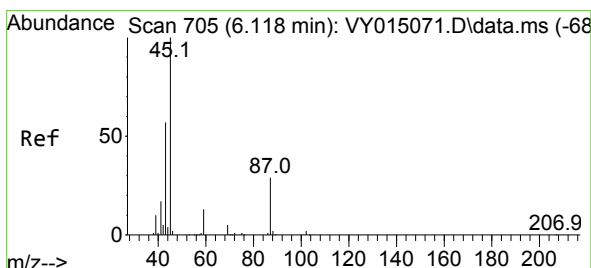
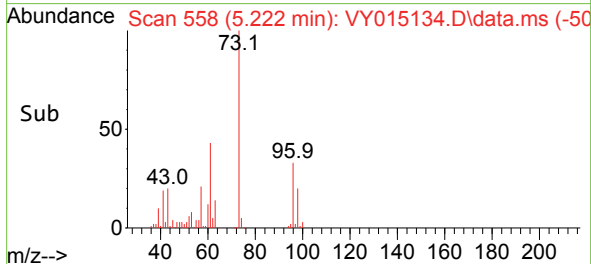
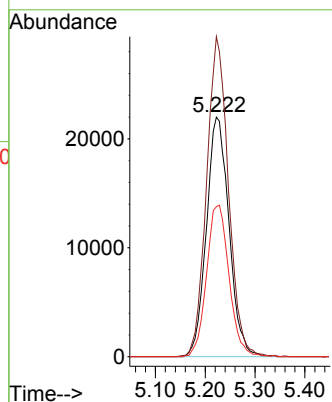


#21
trans-1,2-Dichloroethene
Concen: 51.851 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Instrument :
MSVOA_Y
ClientSampleId :

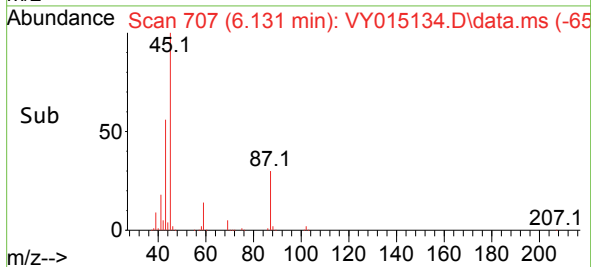
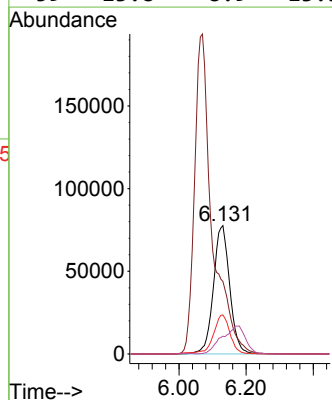
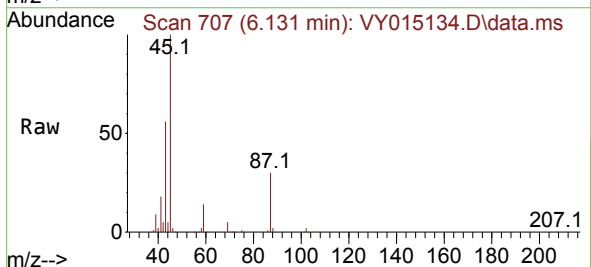


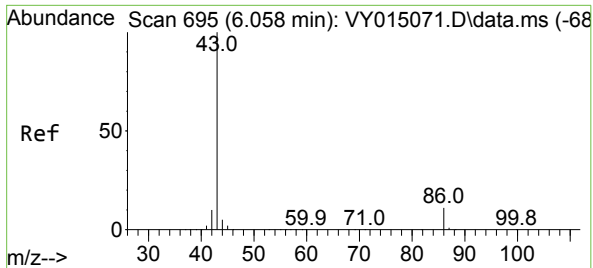
Tgt Ion: 96 Resp: 69312
Ion Ratio Lower Upper
96 100
61 133.6 110.2 165.4
98 62.6 51.8 77.6



#22
Diisopropyl ether
Concen: 49.865 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.018 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 45 Resp: 261433
Ion Ratio Lower Upper
45 100
43 56.2 52.2 78.4
87 30.4 21.0 31.6
59 13.8 8.9 13.3#

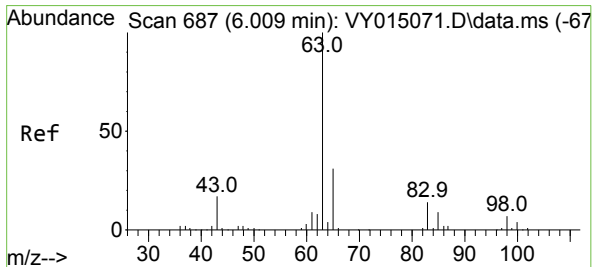
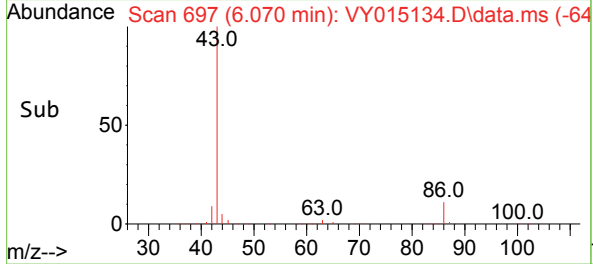
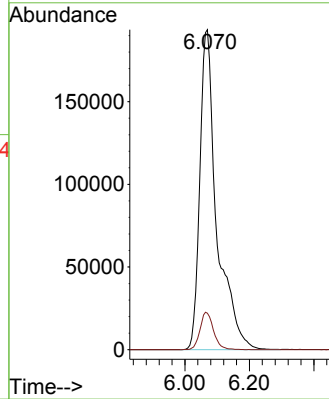
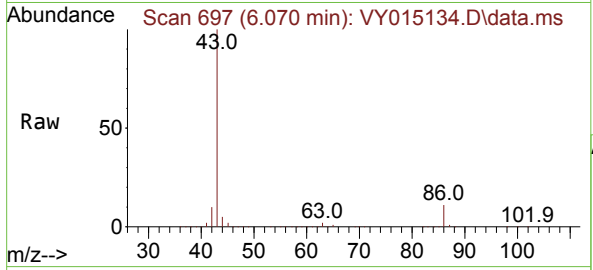




#23
 Vinyl Acetate
 Concen: 225.588 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

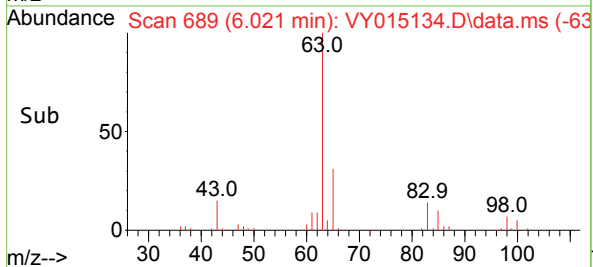
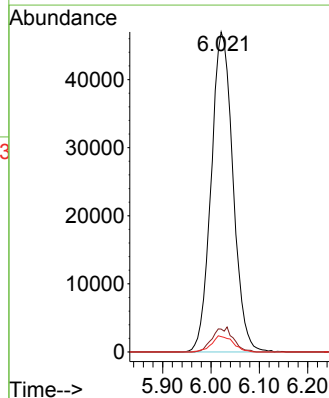
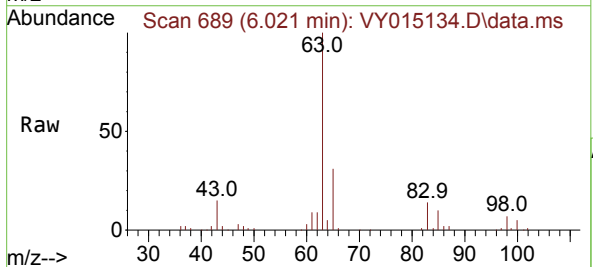
Instrument :
 MSVOA_Y
 ClientSampleId :

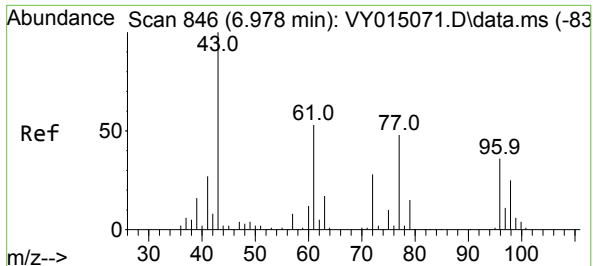
Tgt Ion: 43 Resp: 705720
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.845 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

Tgt Ion: 63 Resp: 147158
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.8 1.8 5.5

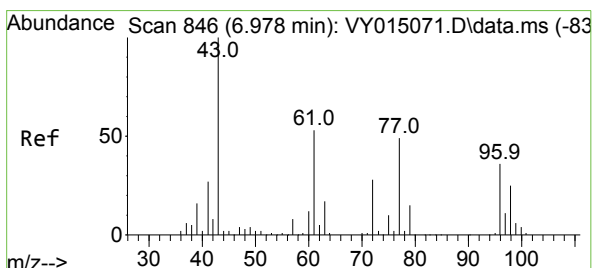
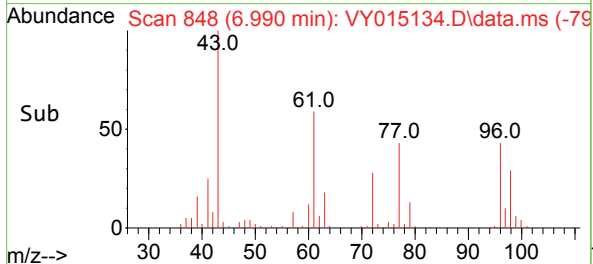
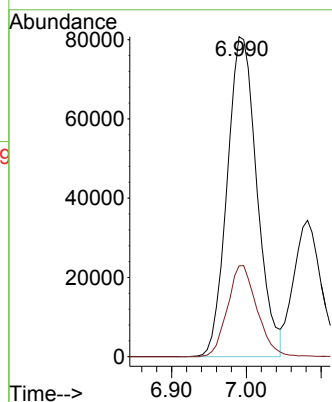
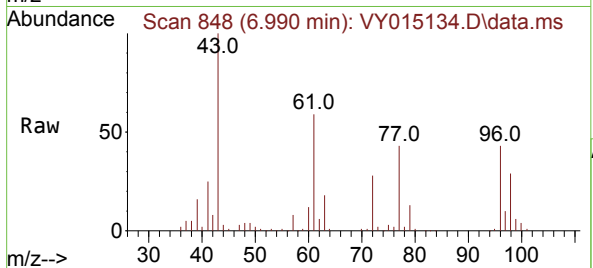




#25
2-Butanone
Concen: 236.441 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

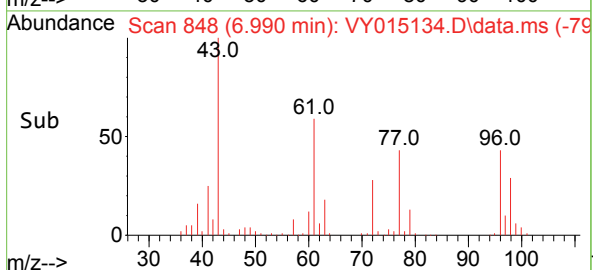
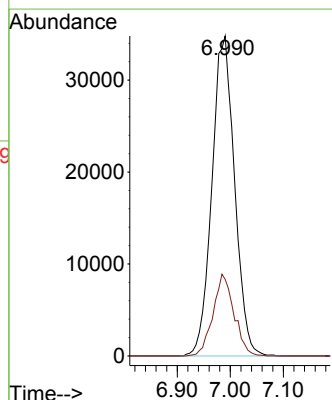
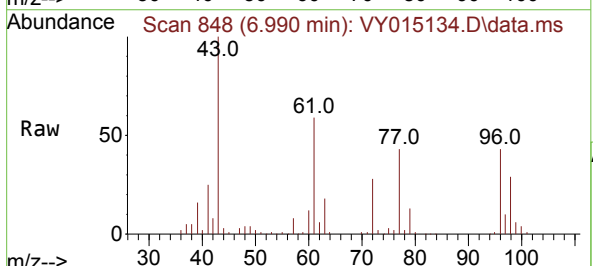
Instrument :
MSVOA_Y
ClientSampleId :

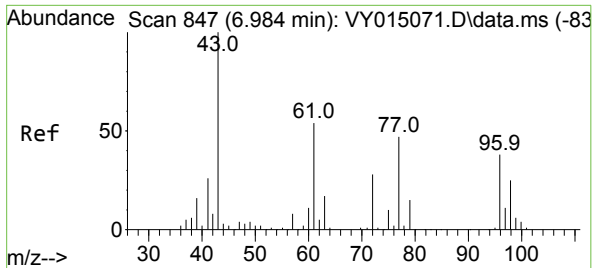
Tgt Ion: 43 Resp: 223589
Ion Ratio Lower Upper
43 100
72 28.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 37.782 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 77 Resp: 103383
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.552 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

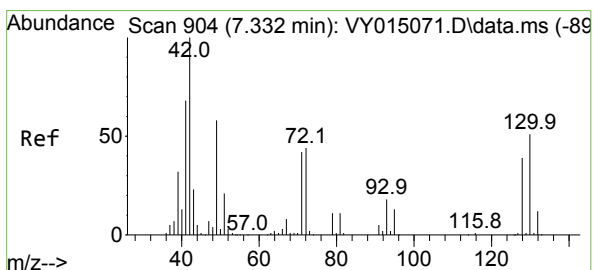
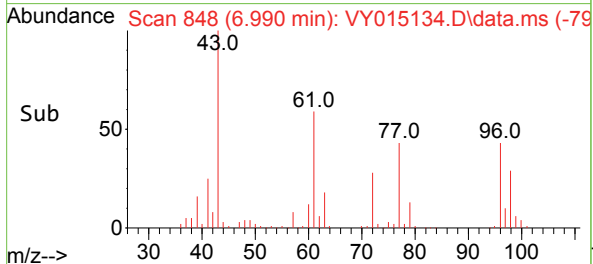
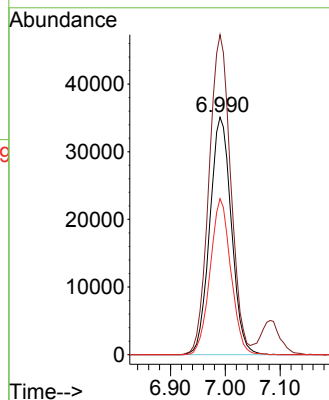
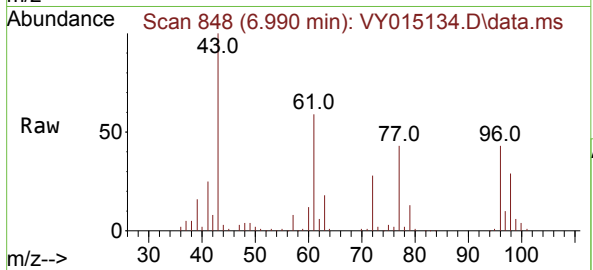
Tgt Ion: 96 Resp: 95961

Ion Ratio Lower Upper

96 100

61 135.3 0.0 301.4

98 63.1 0.0 130.4



#28

Bromochloromethane

Concen: 49.406 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

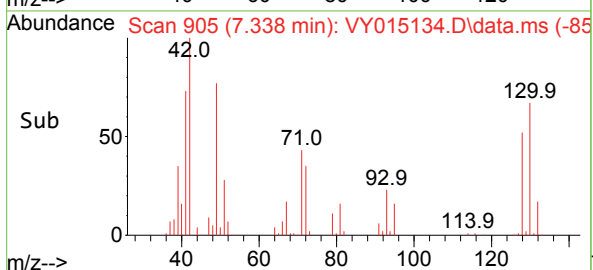
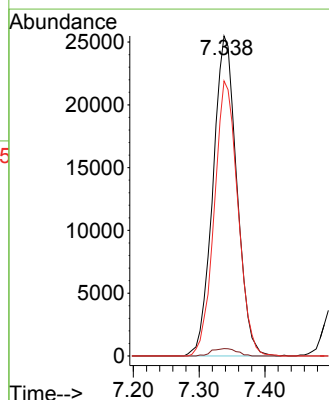
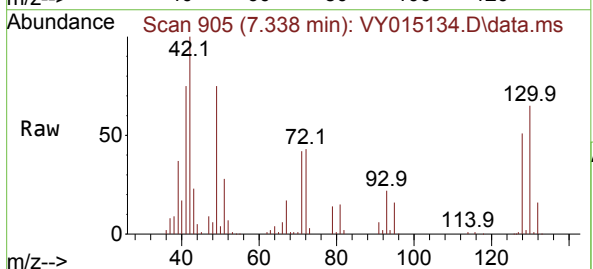
Tgt Ion: 49 Resp: 64428

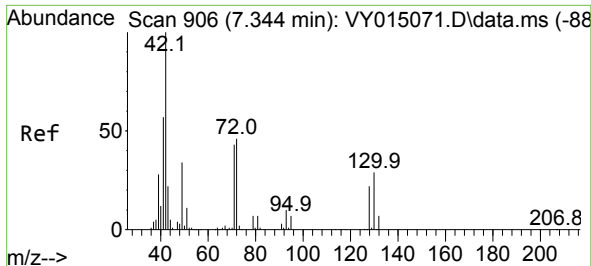
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 84.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 259.120 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

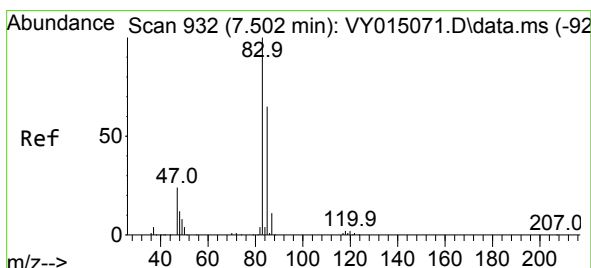
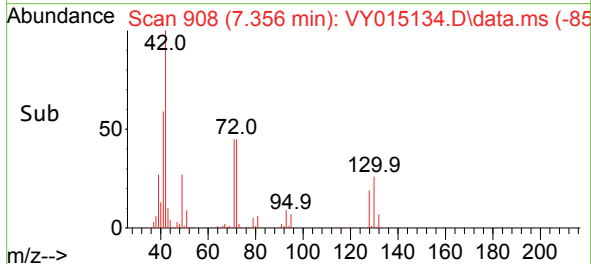
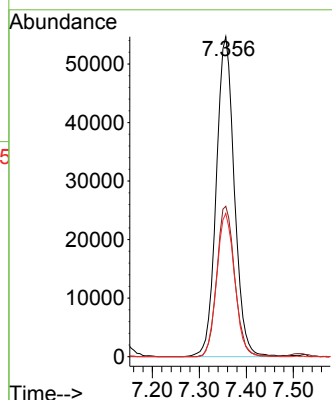
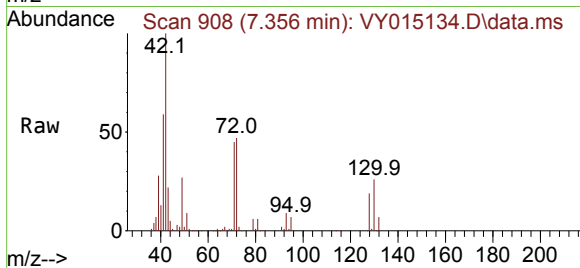
Tgt Ion: 42 Resp: 146517

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 44.5 31.0 46.4



#30

Chloroform

Concen: 52.209 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.013 min

Lab File: VY015134.D

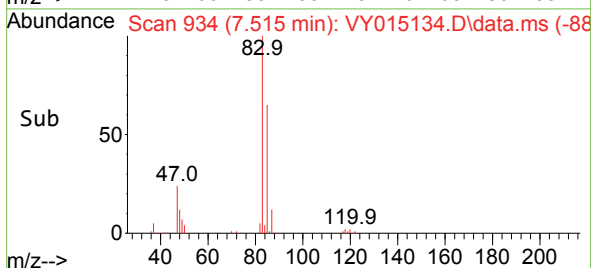
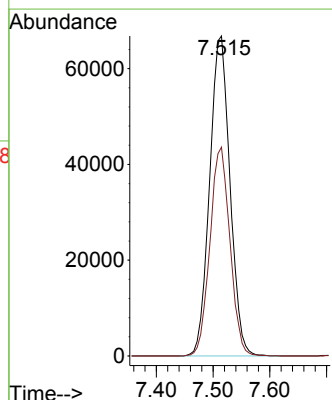
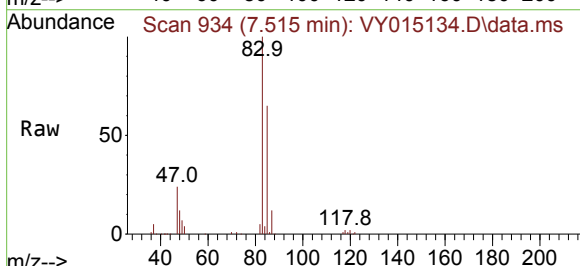
Acq: 16 Aug 2023 04:02

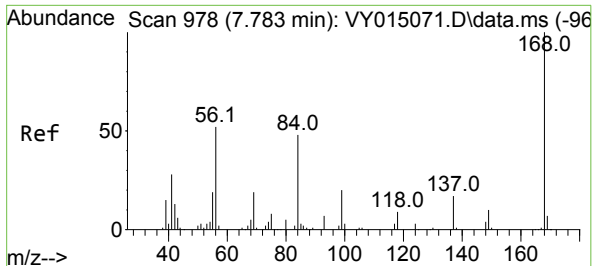
Tgt Ion: 83 Resp: 166126

Ion Ratio Lower Upper

83 100

85 65.3 49.7 74.5

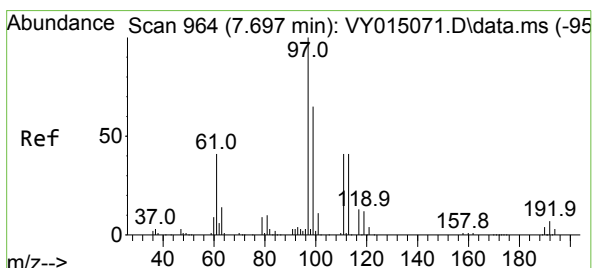
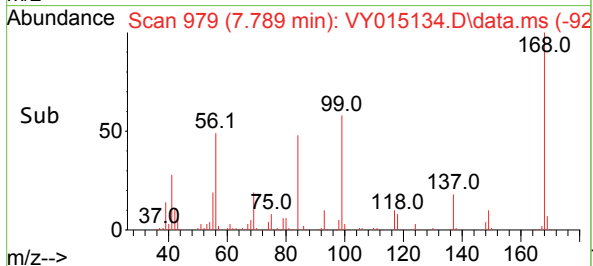
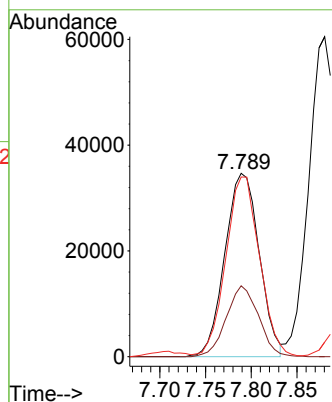
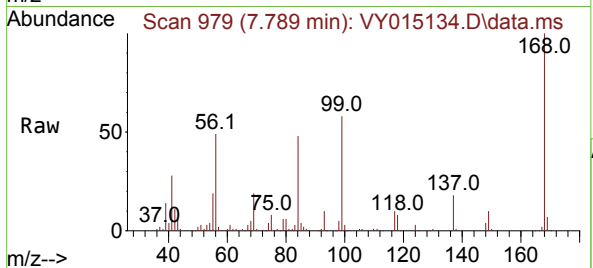




#31
Cyclohexane
Concen: 49.690 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

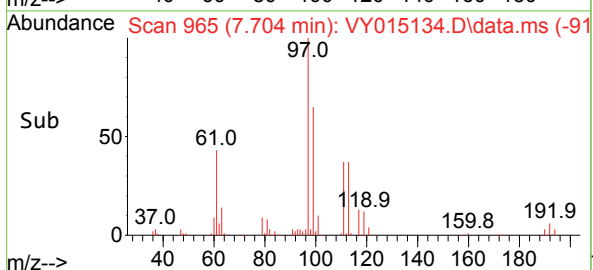
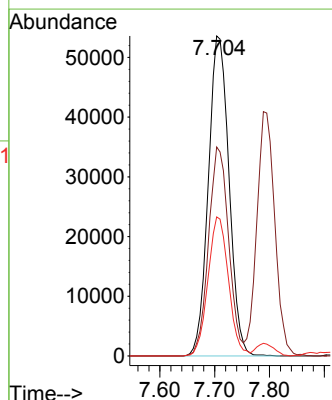
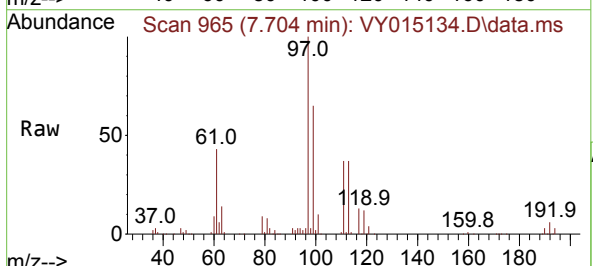
Instrument :
MSVOA_Y
ClientSampleId :

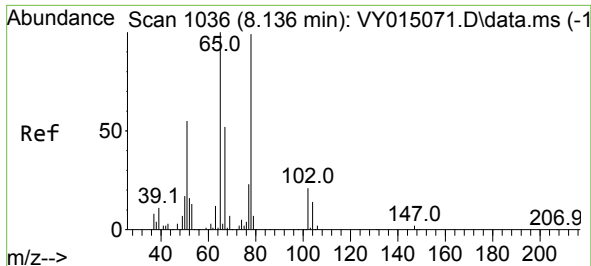
Tgt Ion: 56 Resp: 90769
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 96.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.741 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 97 Resp: 140098
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.752 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

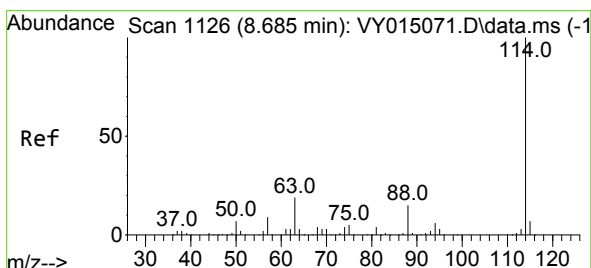
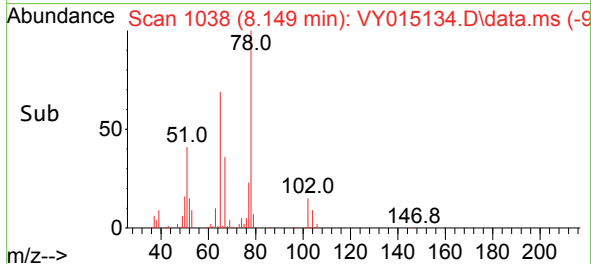
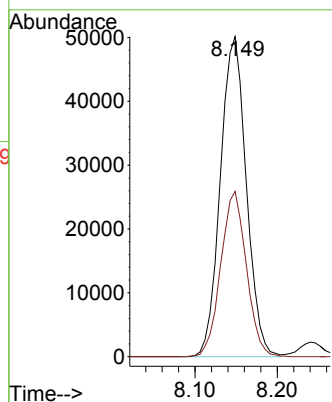
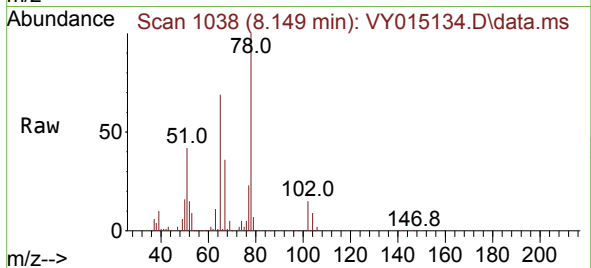
ClientSampleId :

Tgt Ion: 65 Resp: 109892

Ion Ratio Lower Upper

65 100

67 51.0 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: VY015134.D

Acq: 16 Aug 2023 04:02

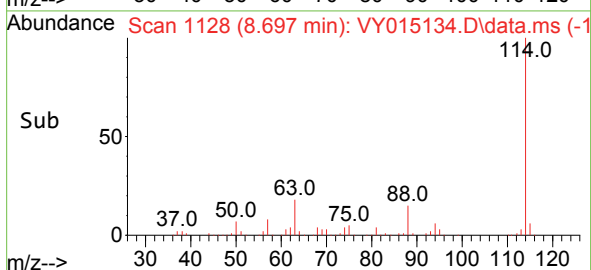
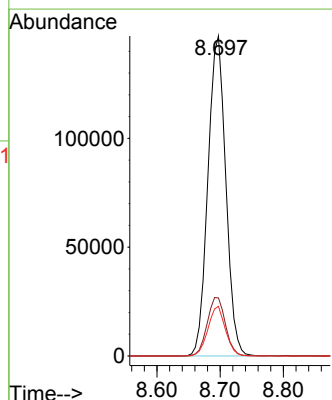
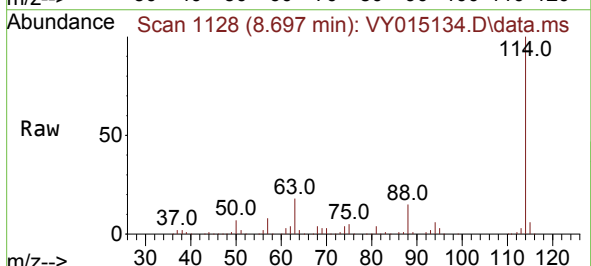
Tgt Ion: 114 Resp: 289565

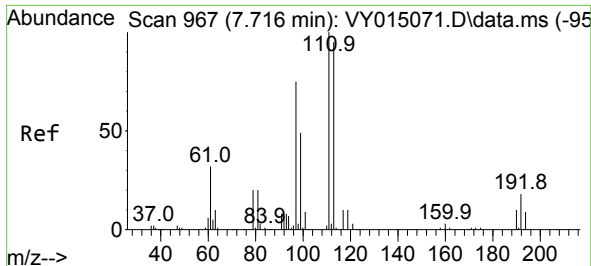
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

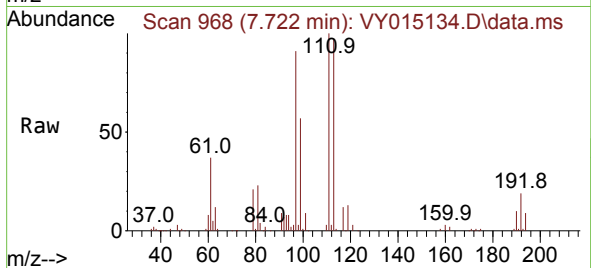
88 15.5 0.0 30.6



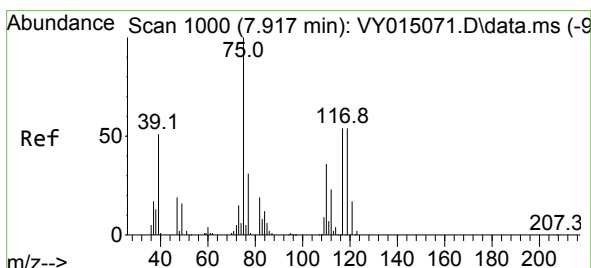
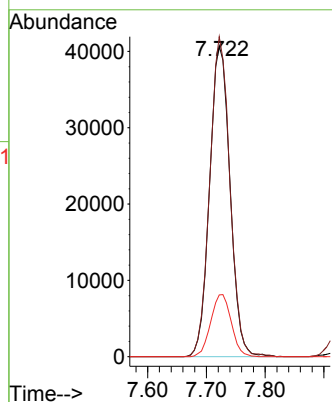
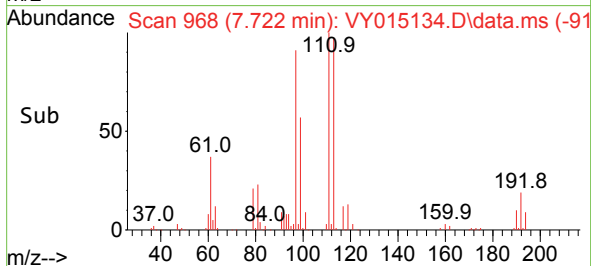


#35
 Dibromofluoromethane
 Concen: 52.837 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

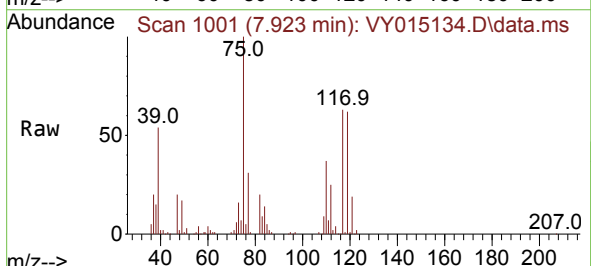
Instrument :
 MSVOA_Y
 ClientSampleId :



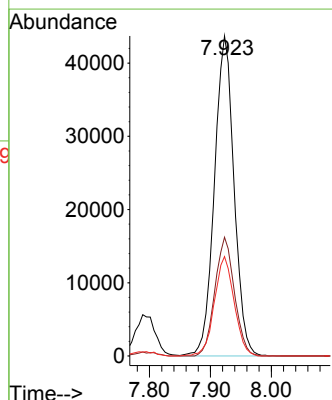
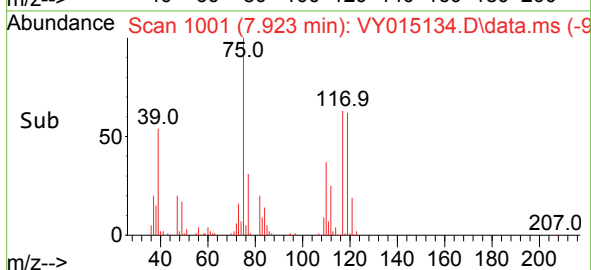
Tgt Ion:113 Resp: 98429
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.3 121.9
 192 20.0 16.9 25.3

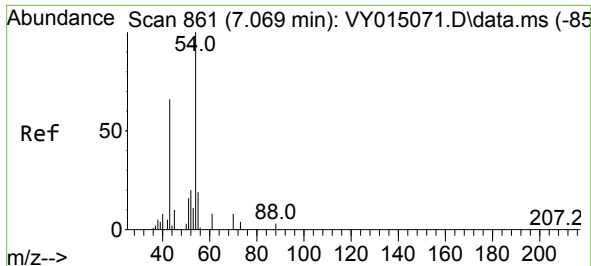


#36
 1,1-Dichloropropene
 Concen: 47.527 ug/l
 RT: 7.923 min Scan# 1001
 Delta R.T. 0.012 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02



Tgt Ion: 75 Resp: 97949
 Ion Ratio Lower Upper
 75 100
 110 36.9 17.8 53.5
 77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 47.195 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY015134.D

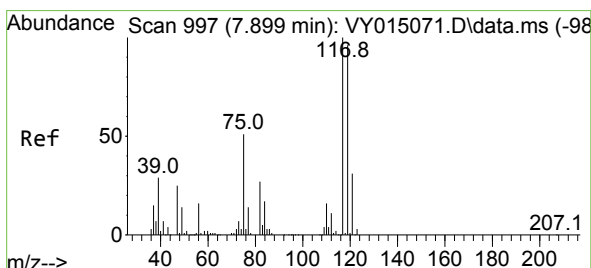
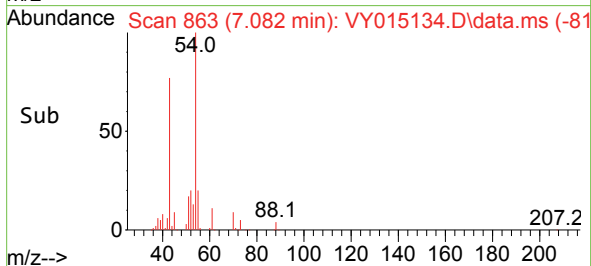
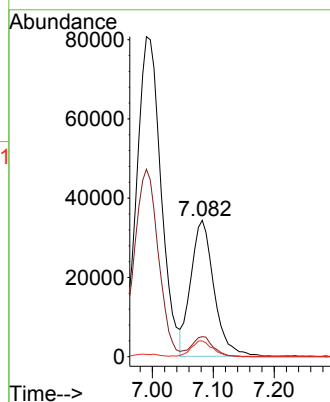
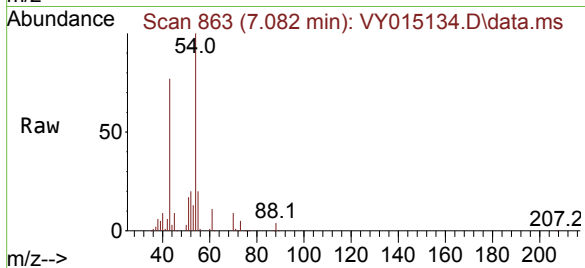
Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	90664
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.1	15.1
70	10.9	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 48.962 ug/l

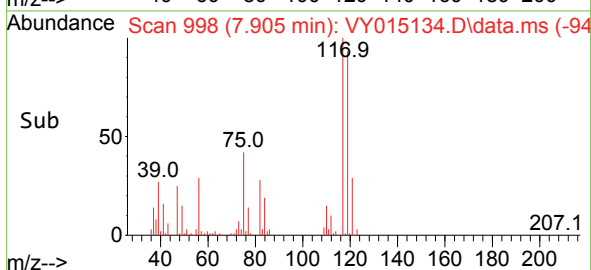
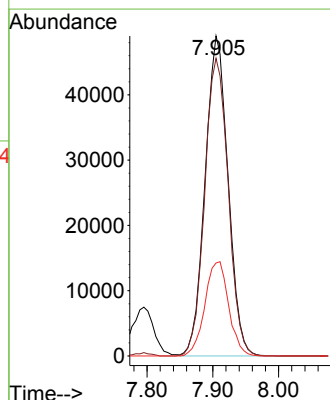
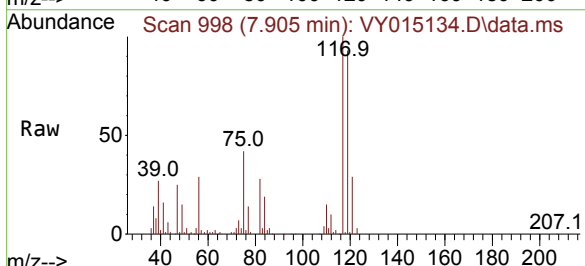
RT: 7.905 min Scan# 998

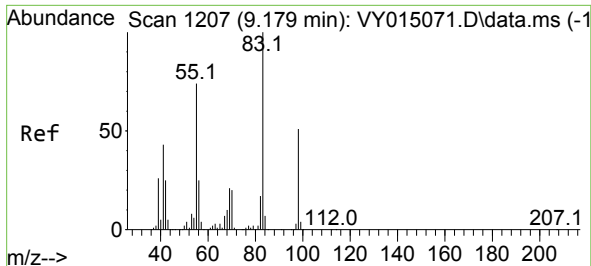
Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Tgt Ion:	117	Resp:	119424
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.4	114.6
121	29.1	25.8	38.6





#39

Methylcyclohexane

Concen: 46.858 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

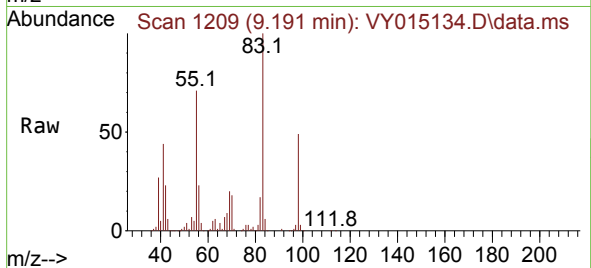
Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :



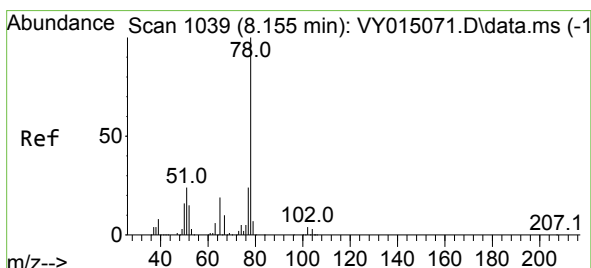
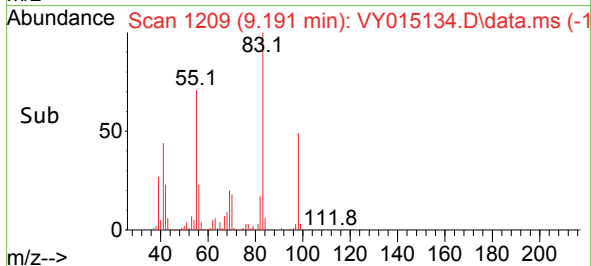
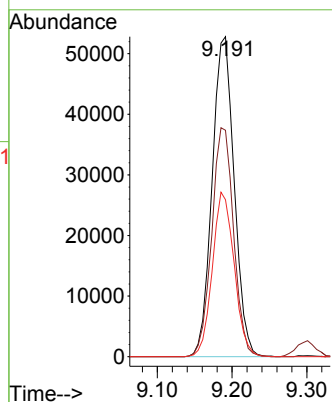
Tgt Ion: 83 Resp: 108259

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 49.1 37.4 56.2



#40

Benzene

Concen: 50.559 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY015134.D

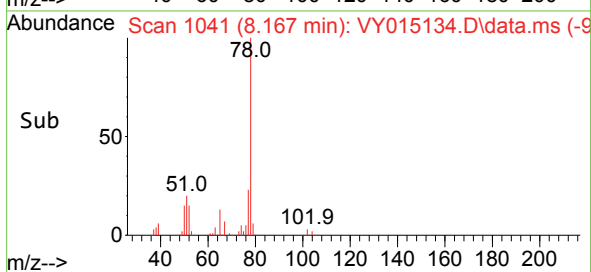
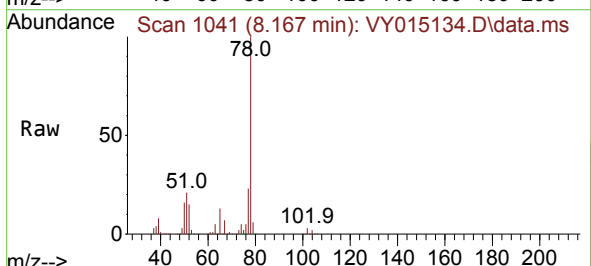
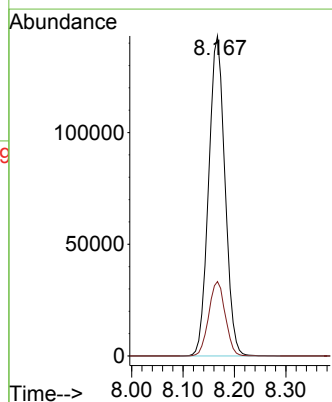
Acq: 16 Aug 2023 04:02

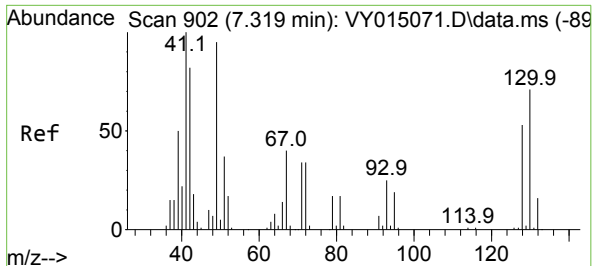
Tgt Ion: 78 Resp: 315029

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

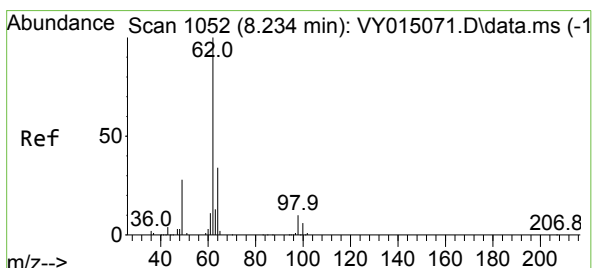
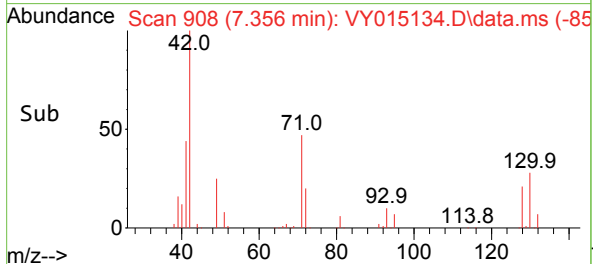
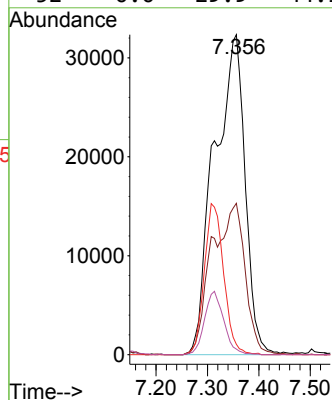
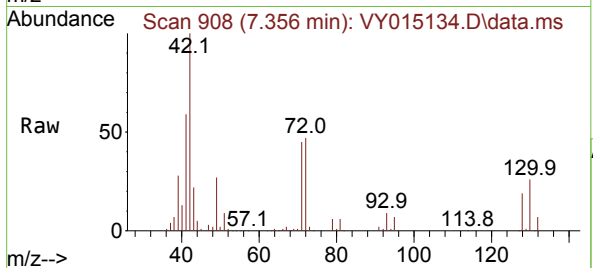




#41
Methacrylonitrile
Concen: 135.351 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.049 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

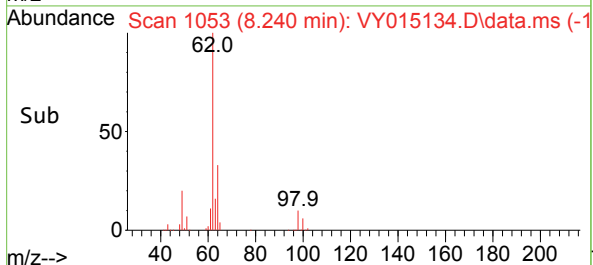
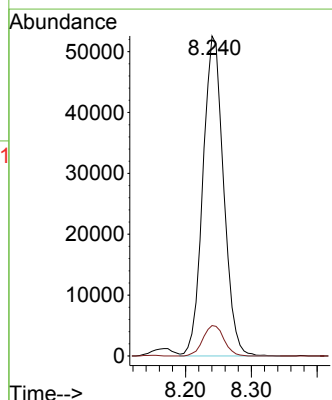
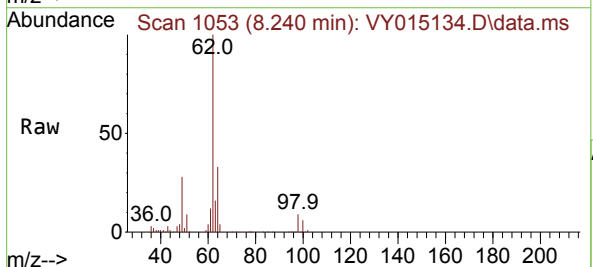
Instrument :
MSVOA_Y
ClientSampleId :

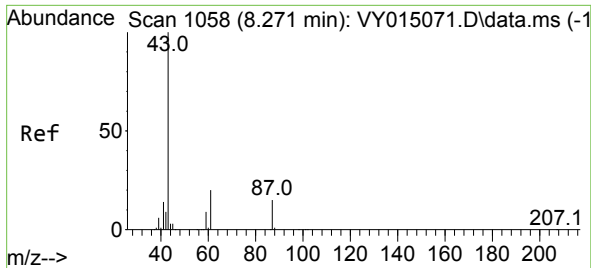
Tgt Ion: 41 Resp: 134076
Ion Ratio Lower Upper
41 100
39 24.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.819 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 62 Resp: 114999
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8

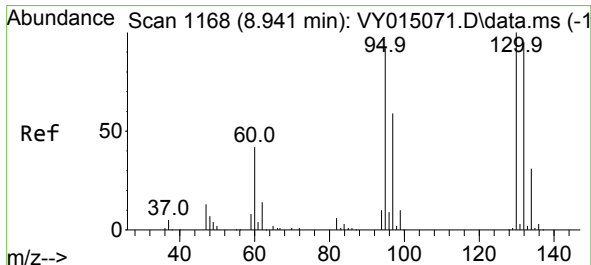
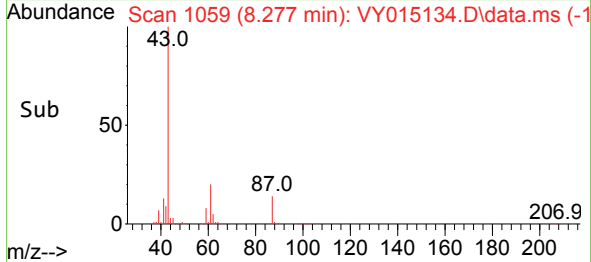
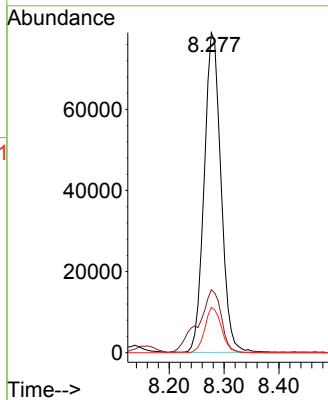
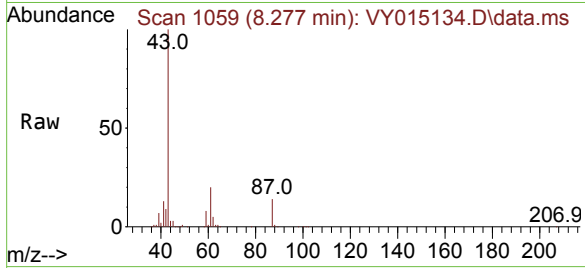




#43
Isopropyl Acetate
Concen: 47.803 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

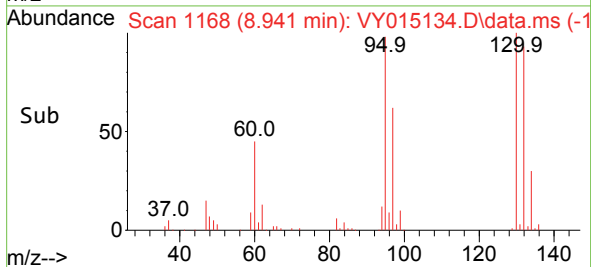
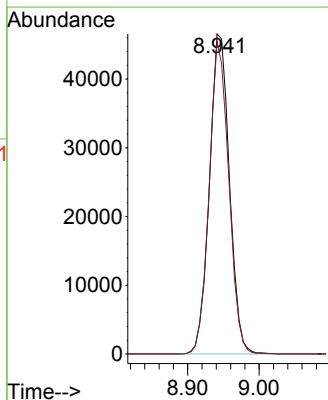
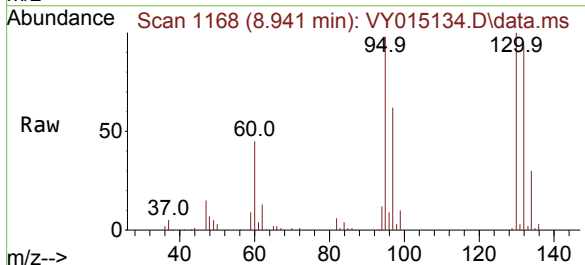
Instrument :
MSVOA_Y
ClientSampleId :

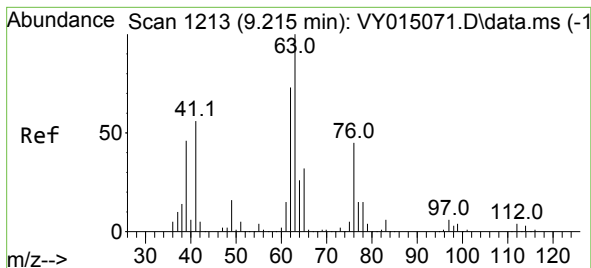
Tgt Ion: 43 Resp: 167231
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 50.267 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion:130 Resp: 90235
Ion Ratio Lower Upper
130 100
95 97.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.502 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

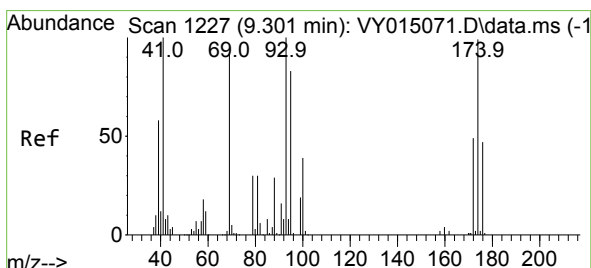
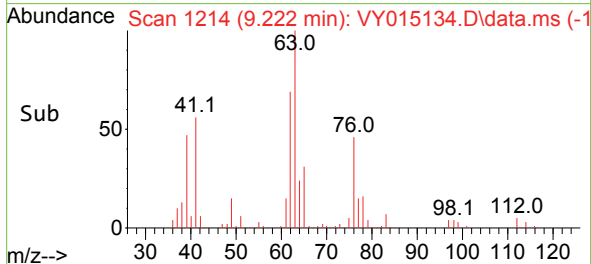
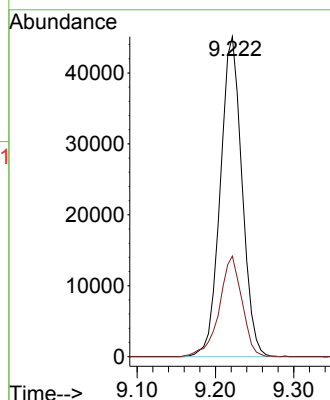
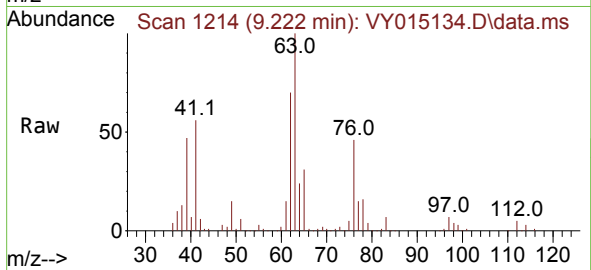
ClientSampleId :

Tgt Ion: 63 Resp: 86977

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.6



#46

Dibromomethane

Concen: 51.582 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

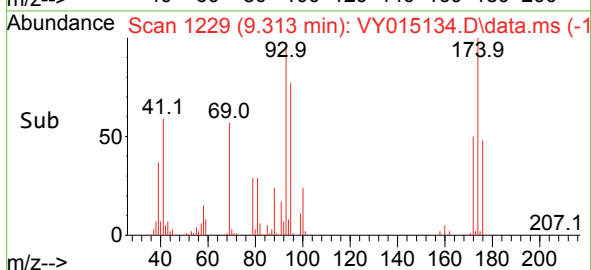
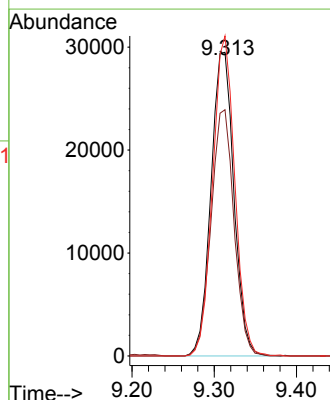
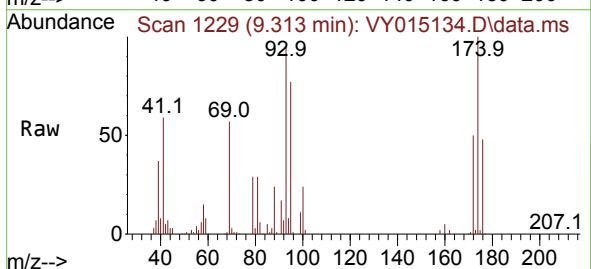
Tgt Ion: 93 Resp: 57161

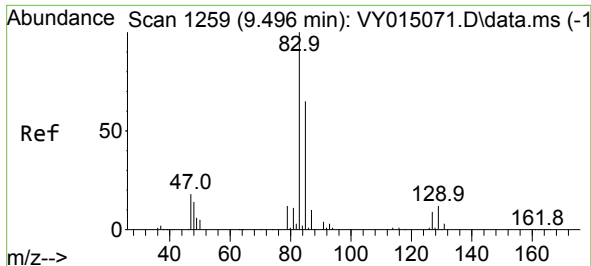
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

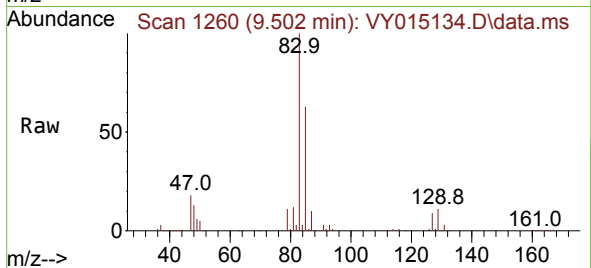
174 101.7 84.8 127.2



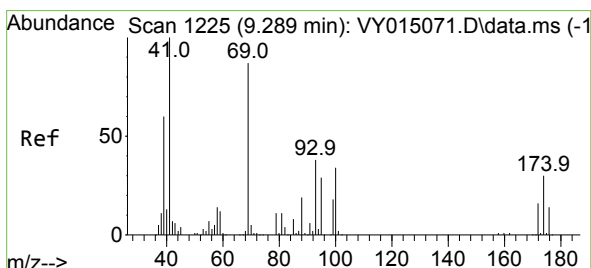
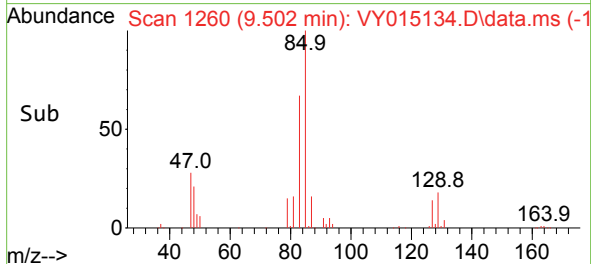
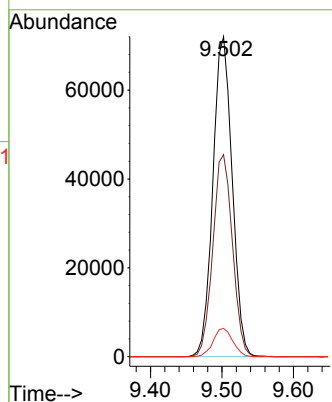


#47
Bromodichloromethane
Concen: 50.960 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Instrument :
MSVOA_Y
ClientSampleId :

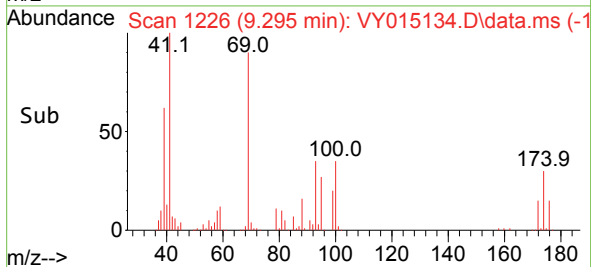
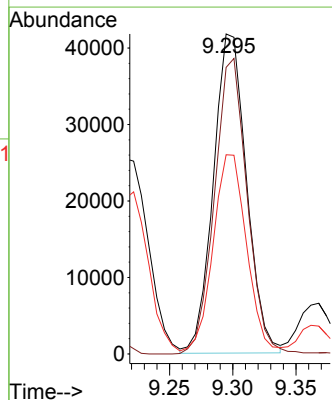
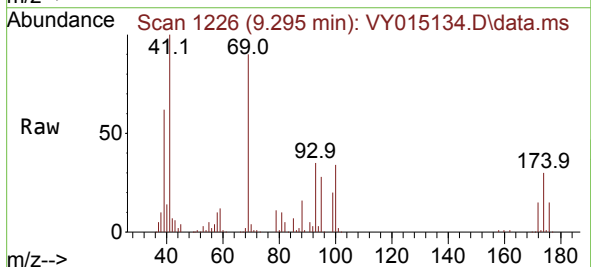


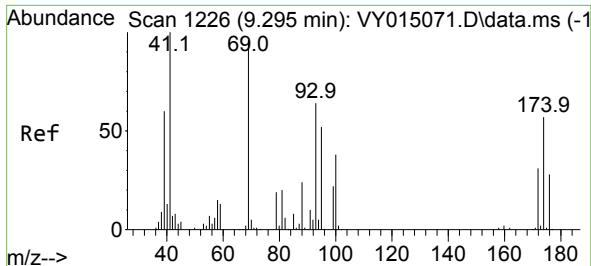
Tgt Ion: 83 Resp: 134758
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 50.846 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 41 Resp: 76091
Ion Ratio Lower Upper
41 100
69 91.3 64.5 96.7
39 63.6 50.8 76.2





#49

1,4-Dioxane

Concen: 987.251 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

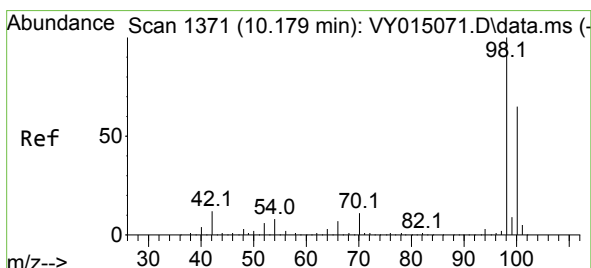
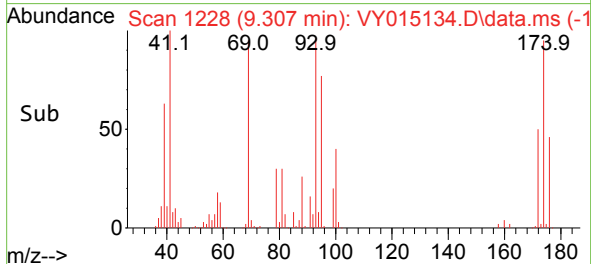
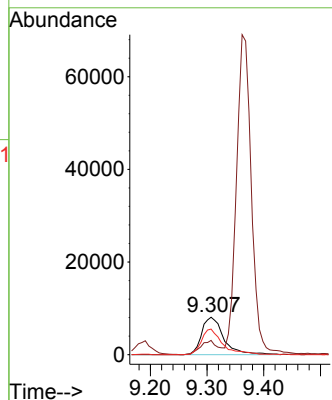
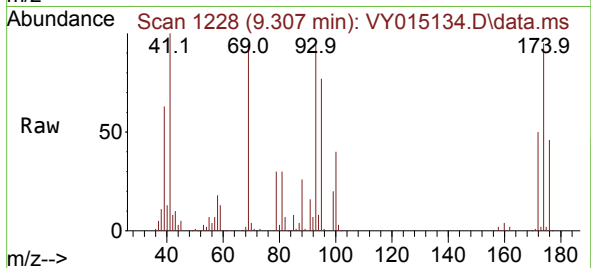
Tgt Ion: 88 Resp: 21877

Ion Ratio Lower Upper

88 100

43 28.6 0.0 0.0#

58 66.1 30.9 46.3#



#50

Toluene-d8

Concen: 51.583 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015134.D

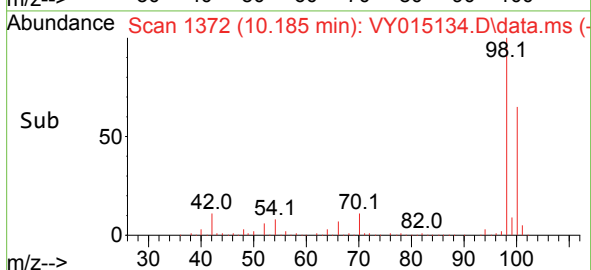
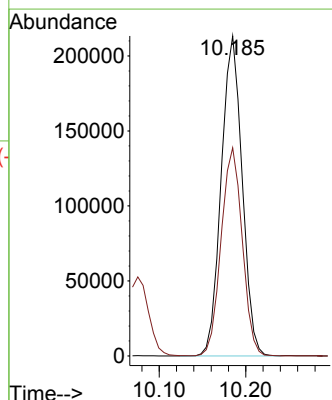
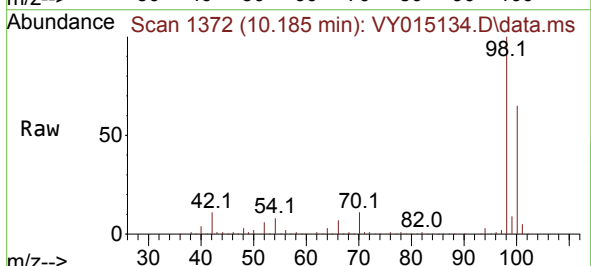
Acq: 16 Aug 2023 04:02

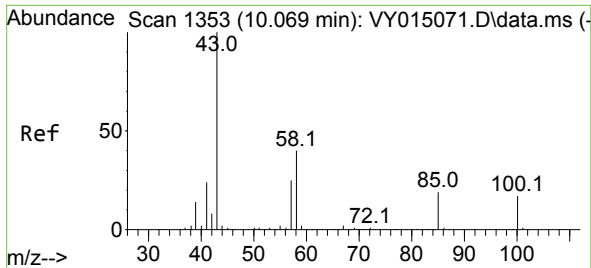
Tgt Ion: 98 Resp: 357711

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 257.843 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

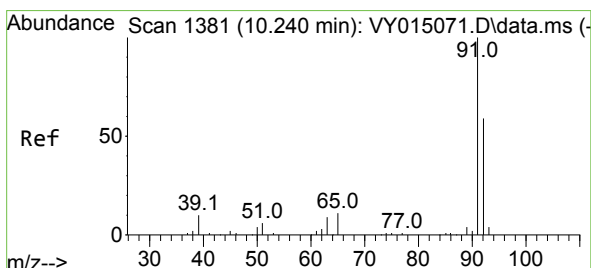
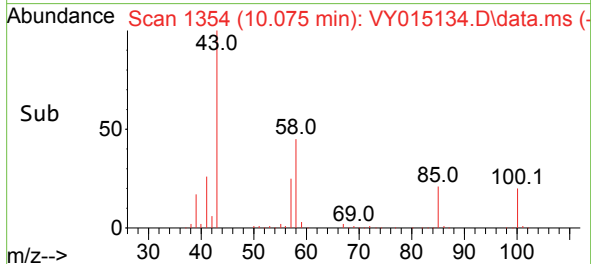
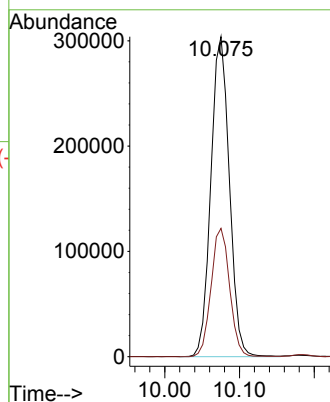
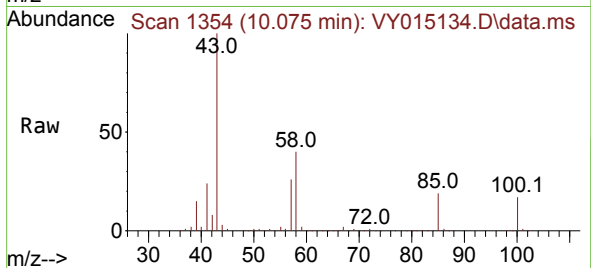
ClientSampleId :

Tgt Ion: 43 Resp: 522773

Ion Ratio Lower Upper

43 100

58 40.2 29.0 43.6



#52

Toluene

Concen: 49.672 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015134.D

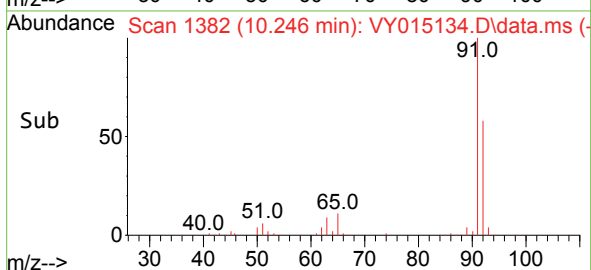
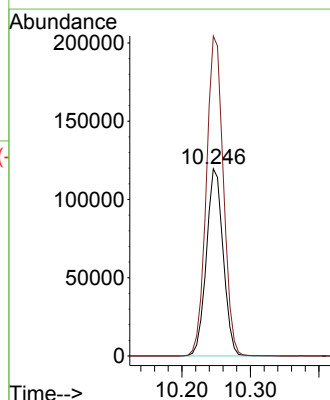
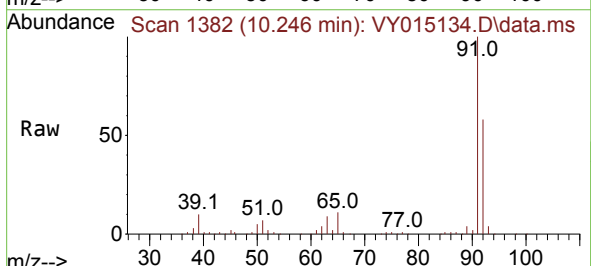
Acq: 16 Aug 2023 04:02

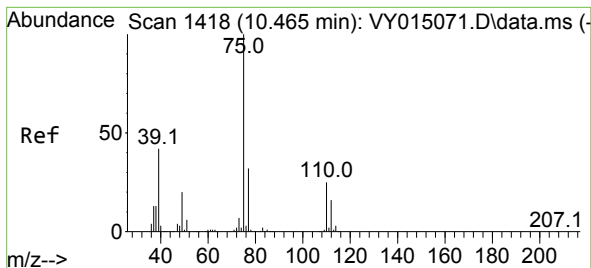
Tgt Ion: 92 Resp: 203998

Ion Ratio Lower Upper

92 100

91 173.6 143.8 215.6

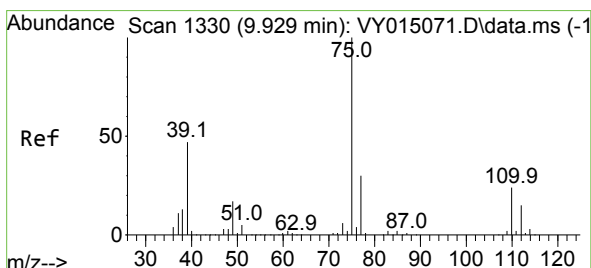
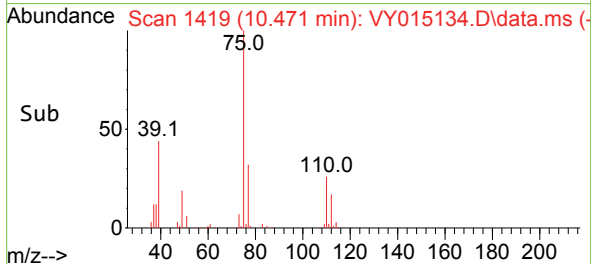
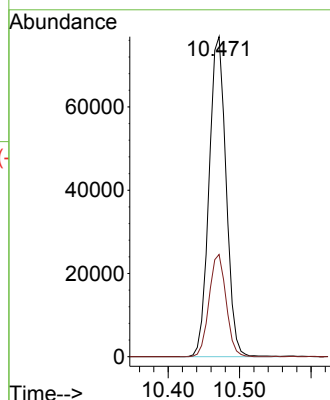
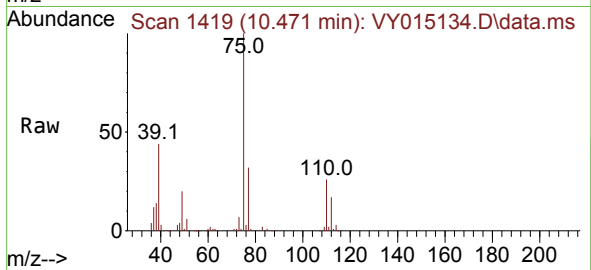




#53
 t-1,3-Dichloropropene
 Concen: 45.728 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

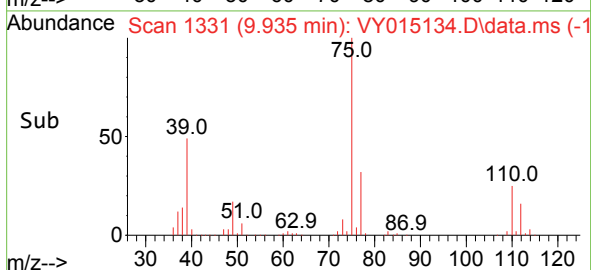
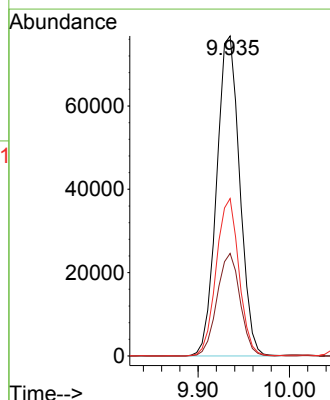
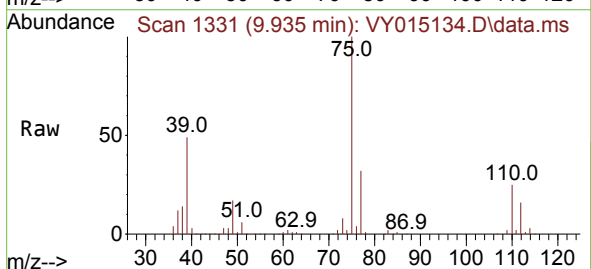
Instrument :
 MSVOA_Y
 ClientSampleId :

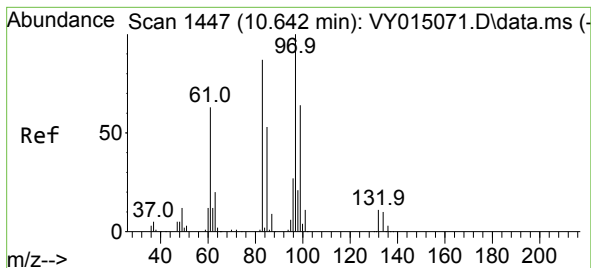
Tgt Ion: 75 Resp: 127081
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.004 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

Tgt Ion: 75 Resp: 134644
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 49.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 50.363 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 84861

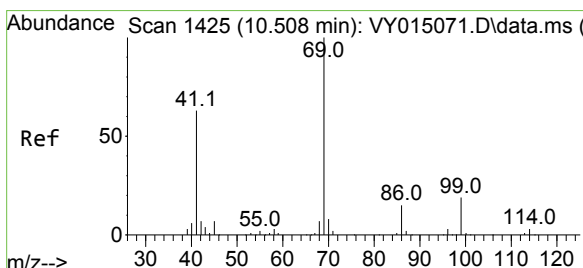
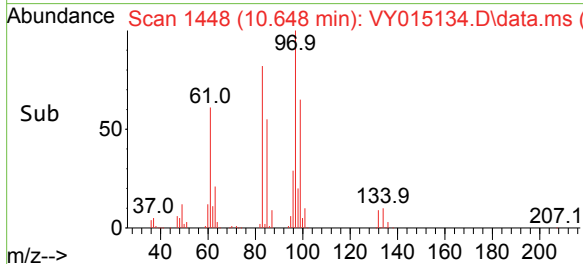
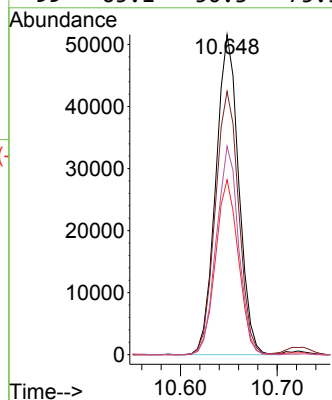
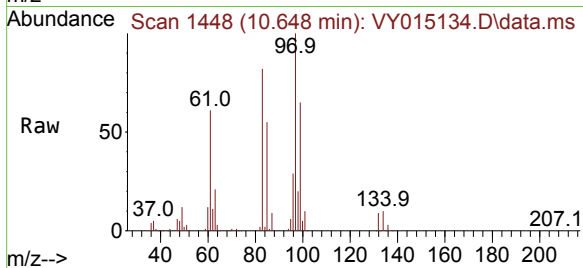
Ion Ratio Lower Upper

97 100

83 82.2 72.0 108.0

85 54.6 45.4 68.0

99 65.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.485 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

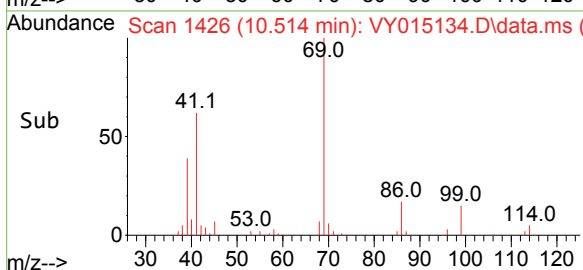
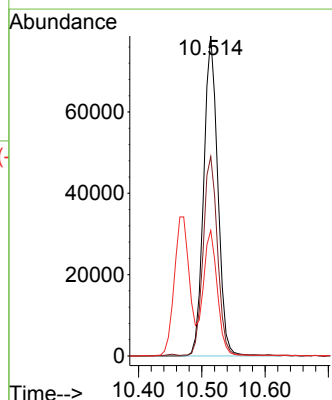
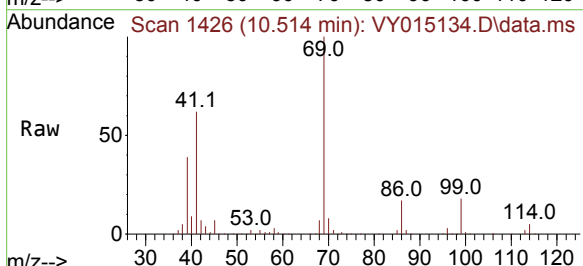
Tgt Ion: 69 Resp: 122029

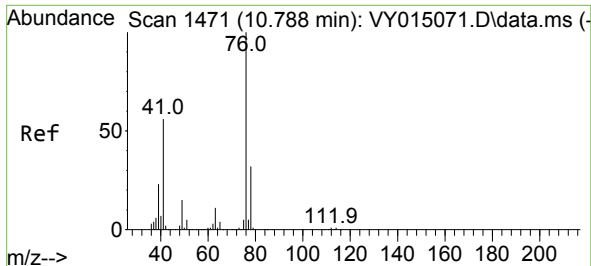
Ion Ratio Lower Upper

69 100

41 63.3 57.6 86.4

39 39.0 34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.093 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

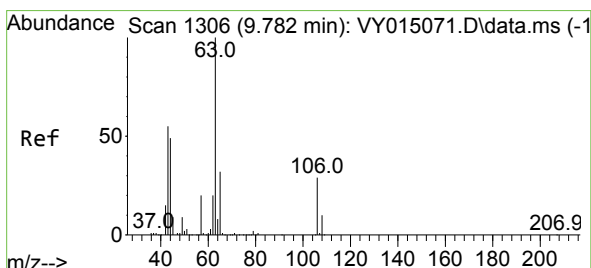
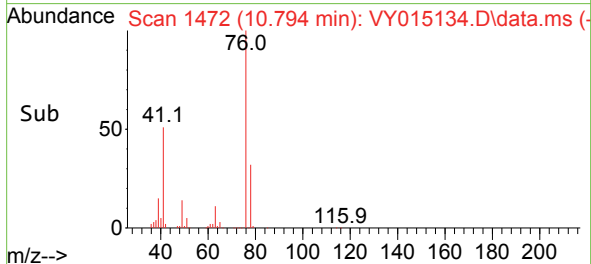
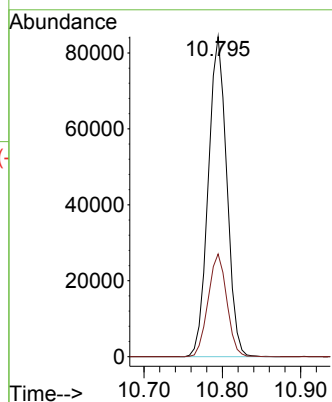
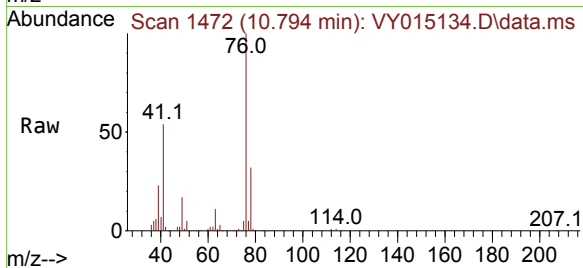
ClientSampleId :

Tgt Ion: 76 Resp: 137901

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 237.993 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.012 min

Lab File: VY015134.D

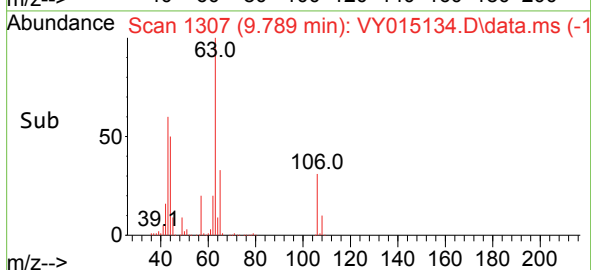
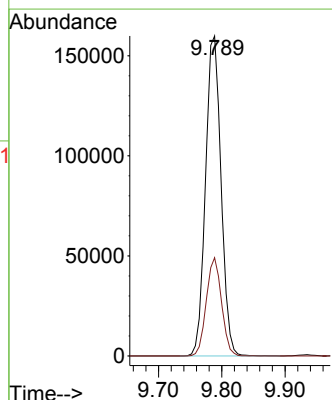
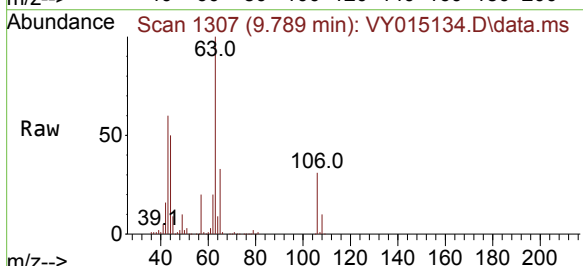
Acq: 16 Aug 2023 04:02

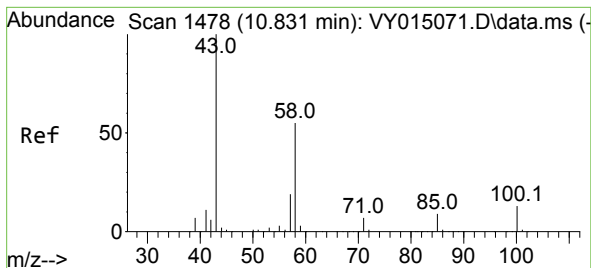
Tgt Ion: 63 Resp: 273120

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

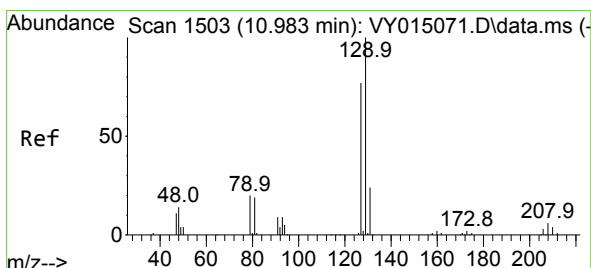
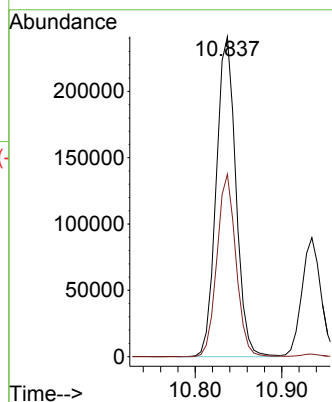
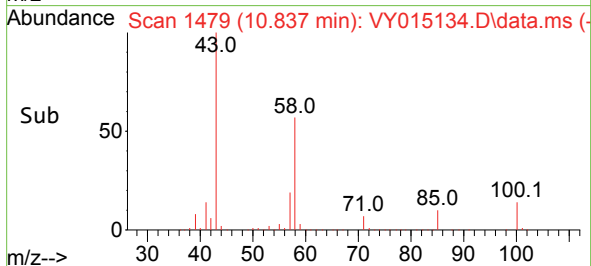
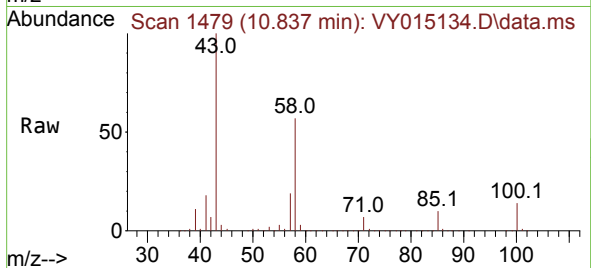




#59
2-Hexanone
Concen: 252.749 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

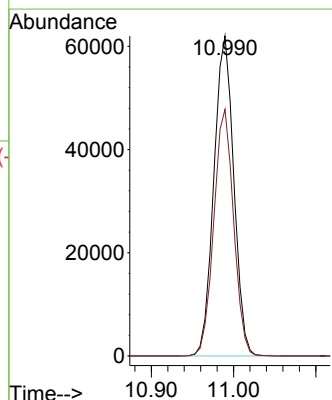
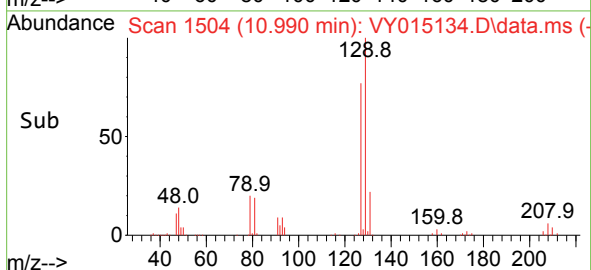
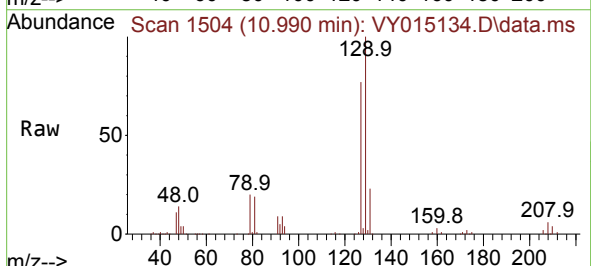
Instrument :
MSVOA_Y
ClientSampleId :

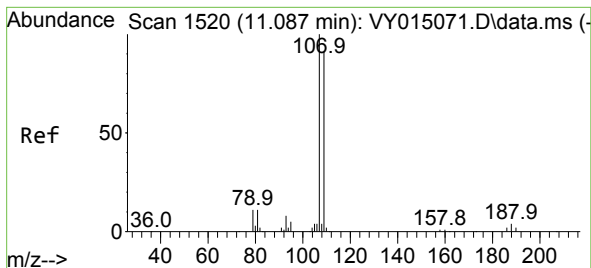
Tgt Ion: 43 Resp: 379263
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3



#60
Dibromochloromethane
Concen: 51.879 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion:129 Resp: 104275
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.962 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

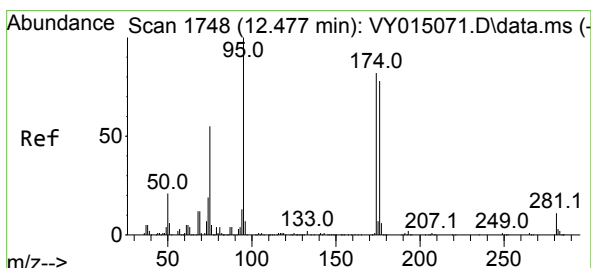
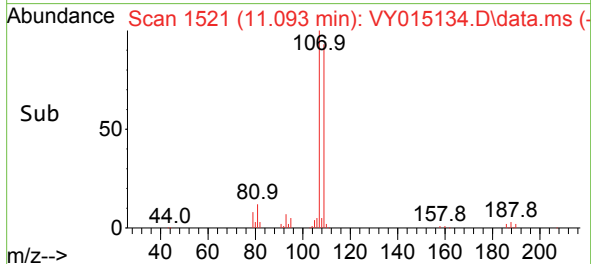
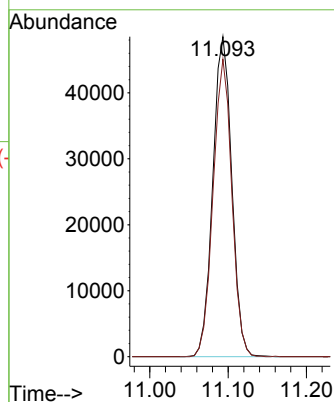
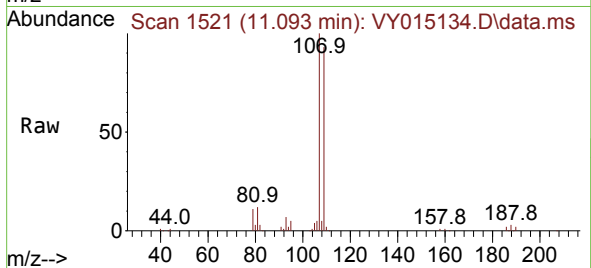
ClientSampleId :

Tgt Ion:107 Resp: 81574

Ion Ratio Lower Upper

107 100

109 91.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.616 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

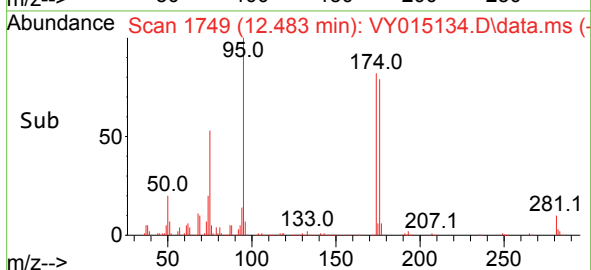
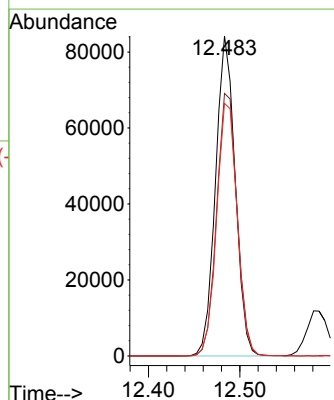
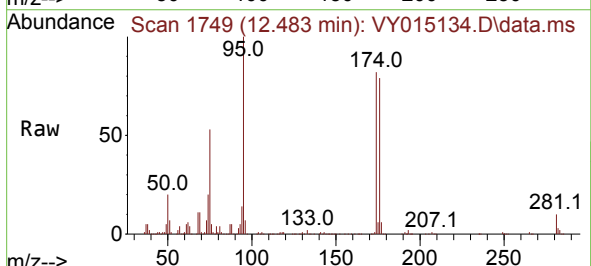
Tgt Ion: 95 Resp: 125671

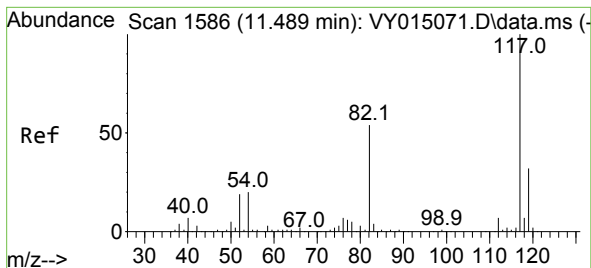
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 82.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

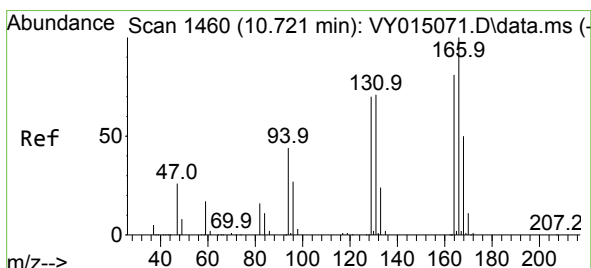
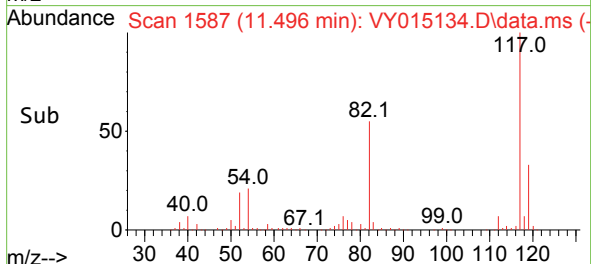
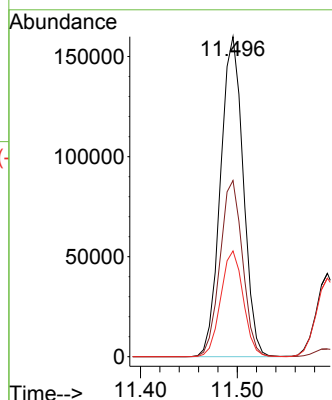
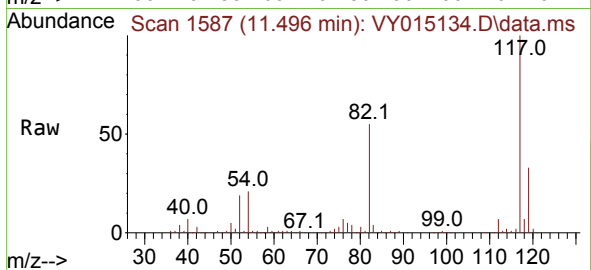
Tgt Ion:117 Resp: 260567

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 33.0 26.3 39.5



#64

Tetrachloroethene

Concen: 56.569 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Tgt Ion:164 Resp: 102693

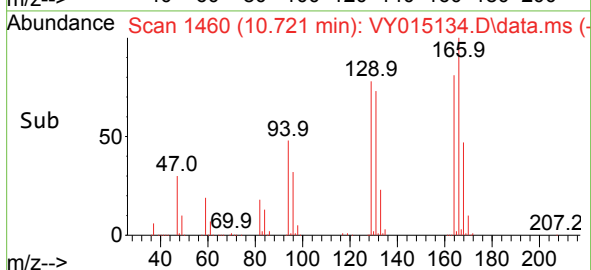
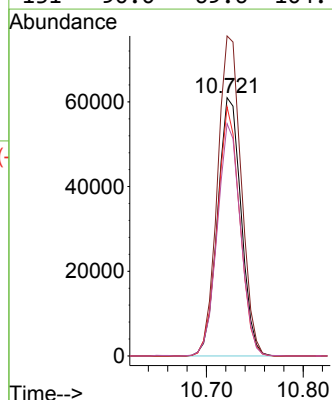
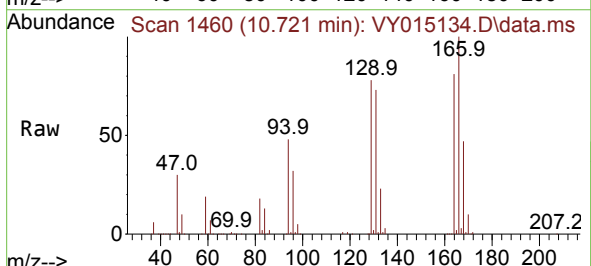
Ion Ratio Lower Upper

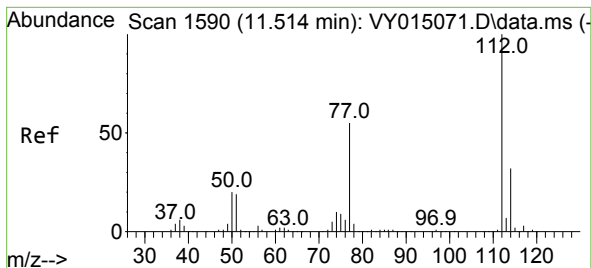
164 100

166 124.0 103.0 154.6

129 96.5 77.2 115.8

131 90.0 69.6 104.4





#65

Chlorobenzene

Concen: 50.293 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

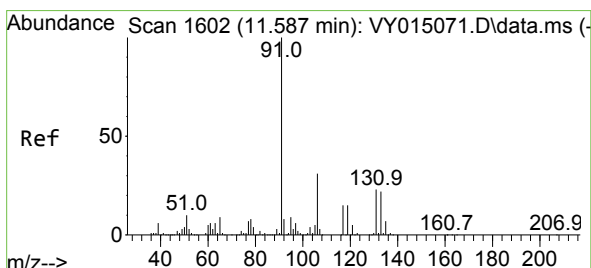
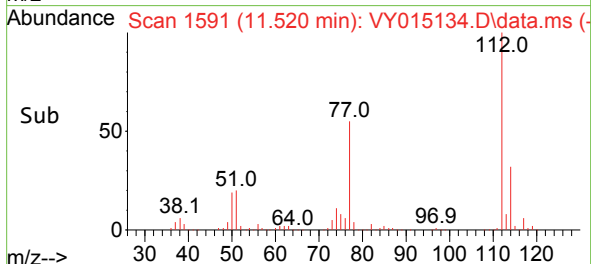
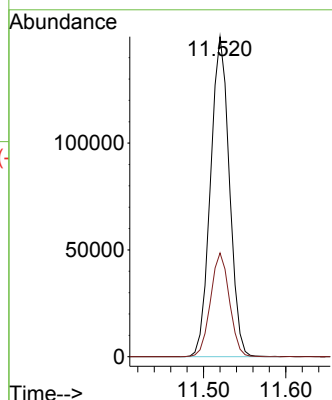
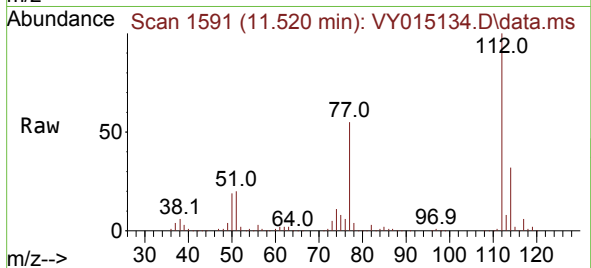
ClientSampleId :

Tgt Ion:112 Resp: 238772

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.855 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

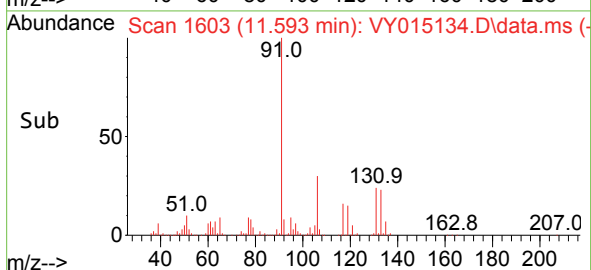
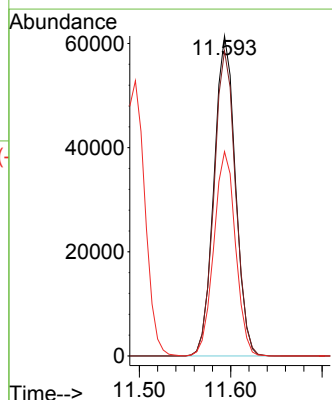
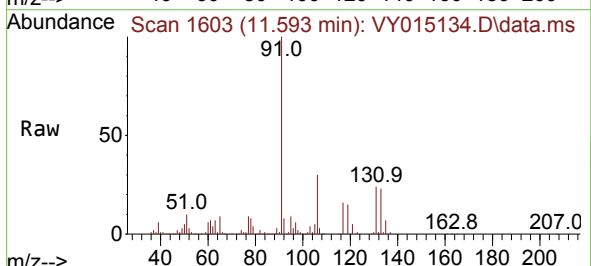
Tgt Ion:131 Resp: 99891

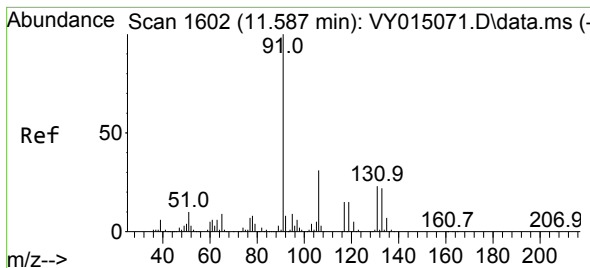
Ion Ratio Lower Upper

131 100

133 96.3 47.5 142.6

119 64.7 31.6 94.7





#67

Ethyl Benzene

Concen: 49.395 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

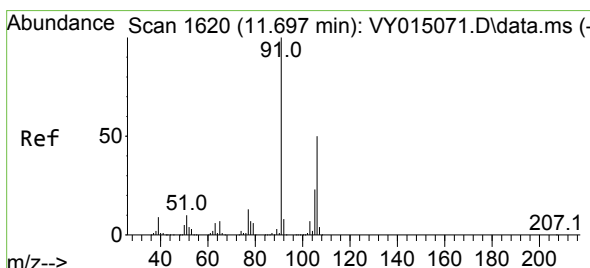
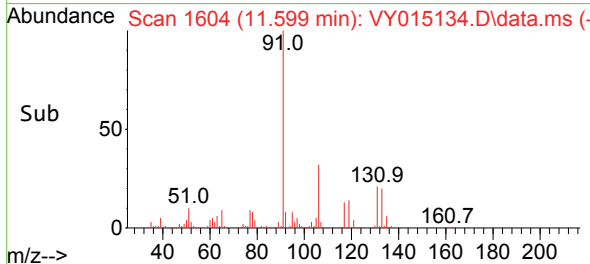
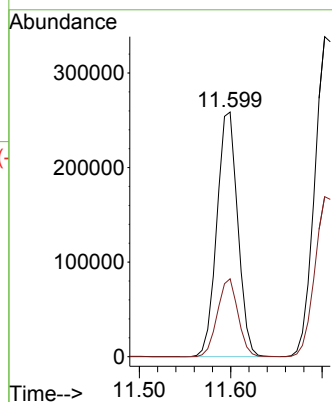
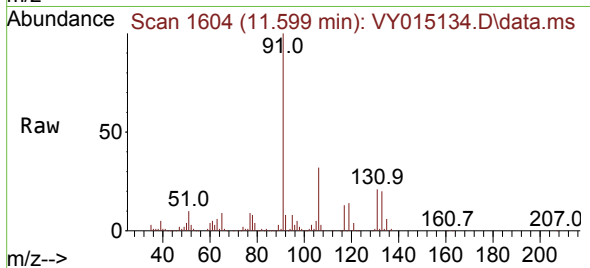
ClientSampleId :

Tgt Ion: 91 Resp: 410877

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 99.623 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015134.D

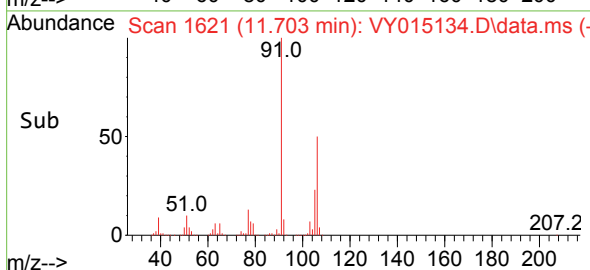
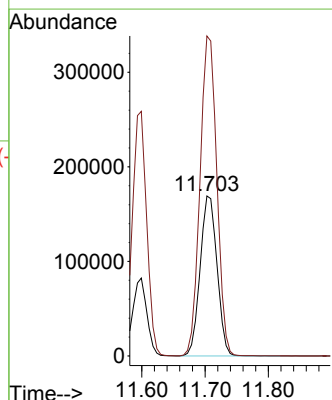
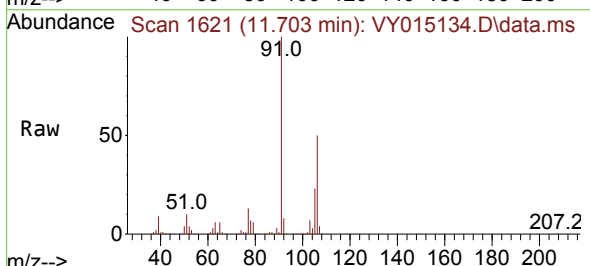
Acq: 16 Aug 2023 04:02

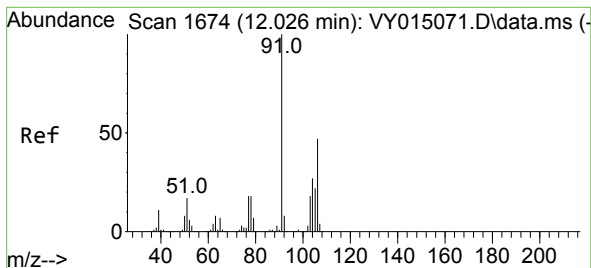
Tgt Ion:106 Resp: 314736

Ion Ratio Lower Upper

106 100

91 199.2 166.1 249.1





#69

o-Xylene

Concen: 50.217 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

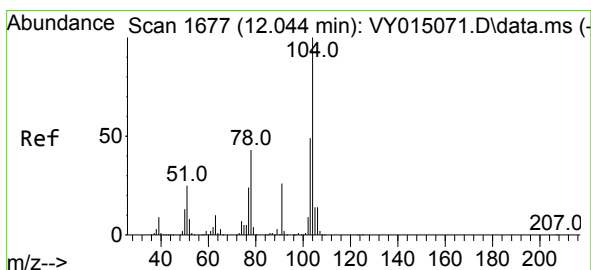
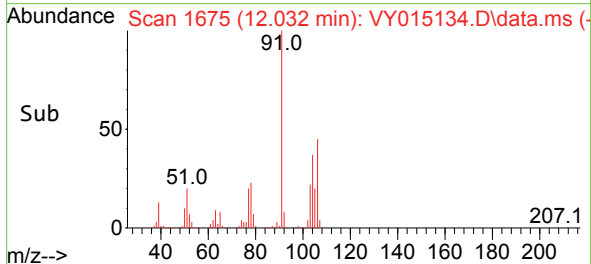
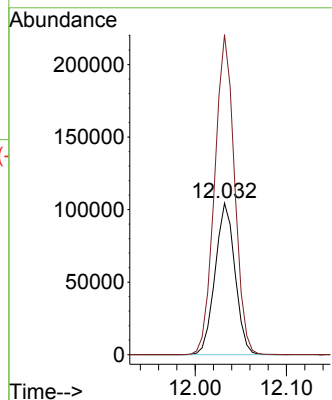
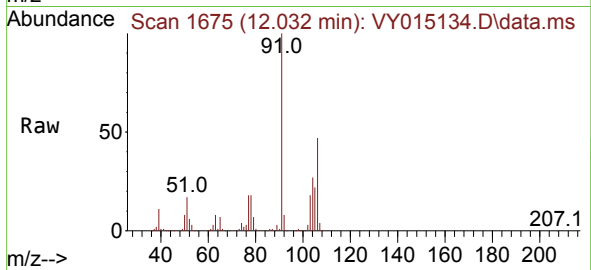
ClientSampleId :

Tgt Ion:106 Resp: 158045

Ion Ratio Lower Upper

106 100

91 211.3 108.1 324.3



#70

Styrene

Concen: 50.796 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

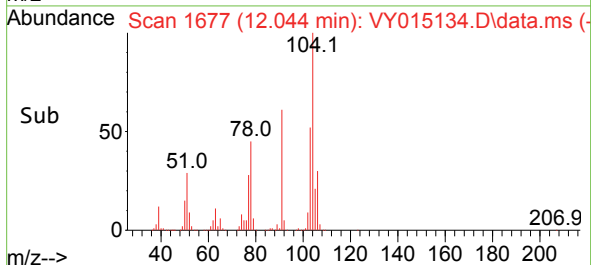
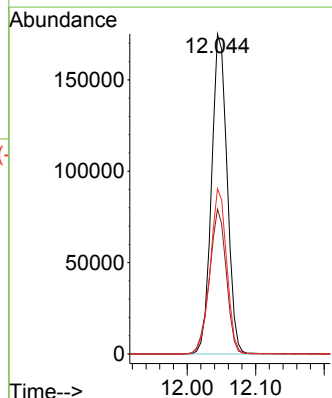
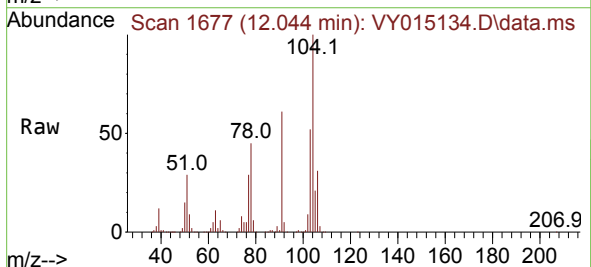
Tgt Ion:104 Resp: 276690

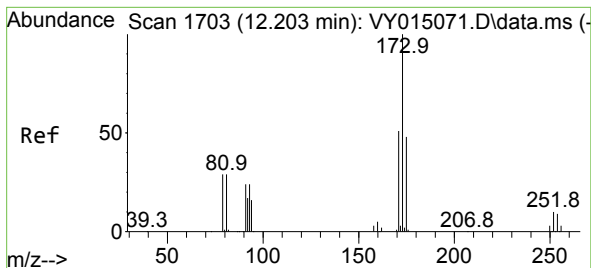
Ion Ratio Lower Upper

104 100

78 48.9 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 51.414 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015134.D

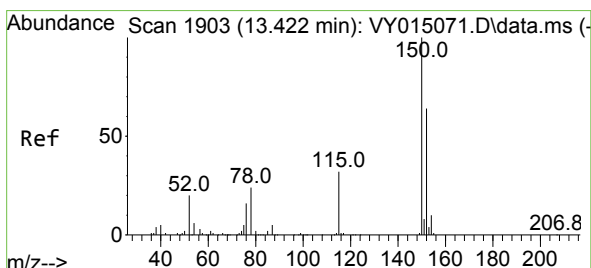
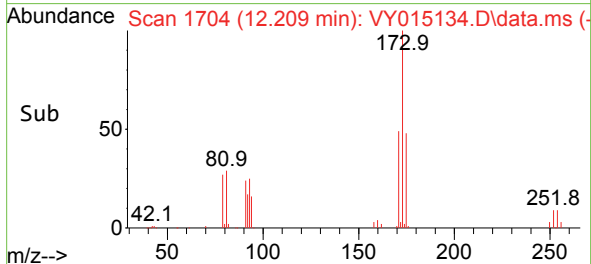
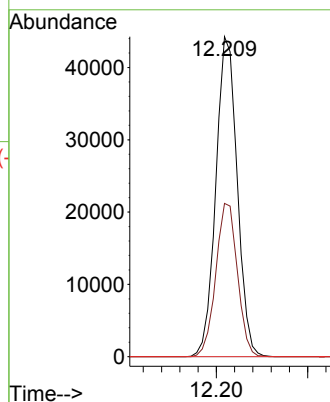
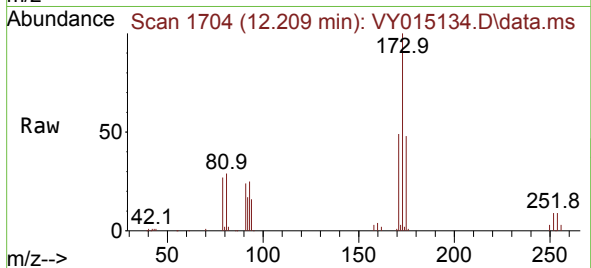
Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	71796
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

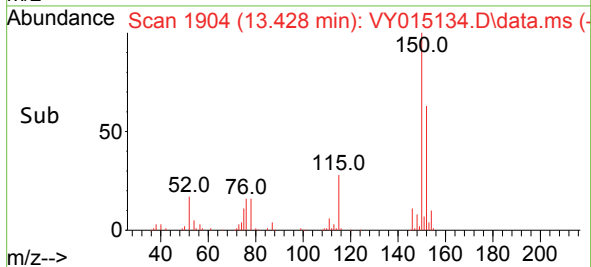
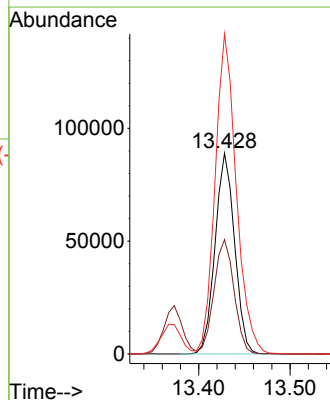
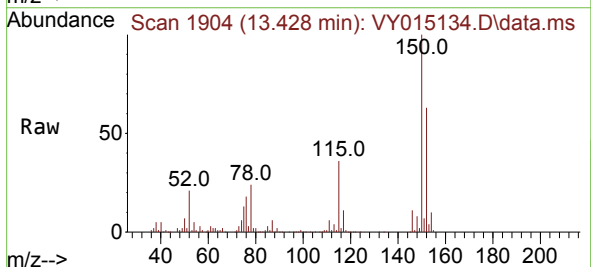
RT: 13.428 min Scan# 1904

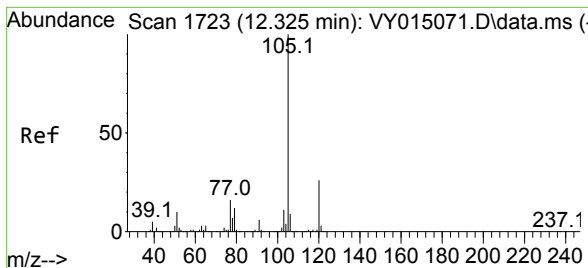
Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Tgt Ion:152	Resp:	132184
Ion Ratio	Lower	Upper
152	100	
115	58.6	28.8 86.5
150	173.0	0.0 348.8





#73

Isopropylbenzene

Concen: 49.759 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

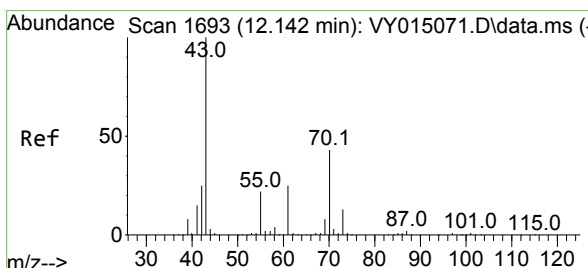
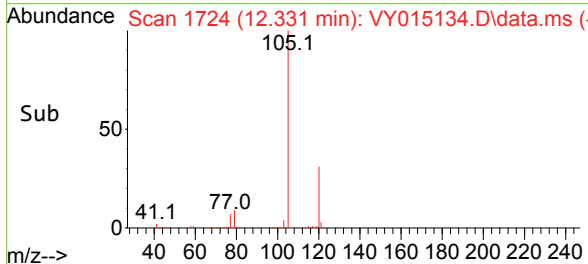
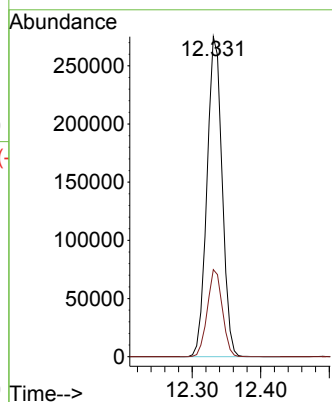
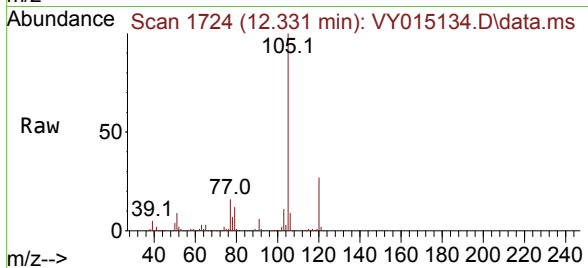
ClientSampleId :

Tgt Ion:105 Resp: 422943

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 45.606 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Tgt Ion: 43 Resp: 139958

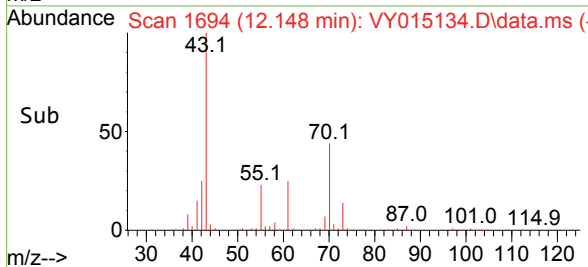
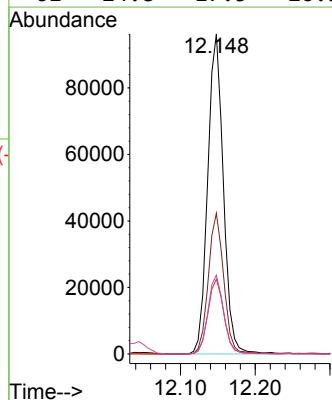
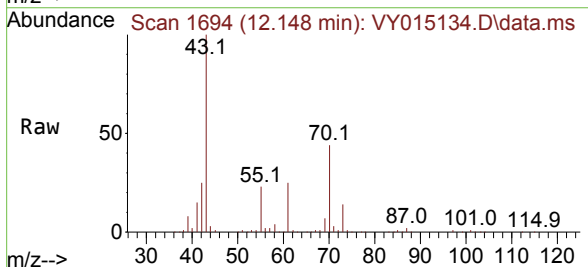
Ion Ratio Lower Upper

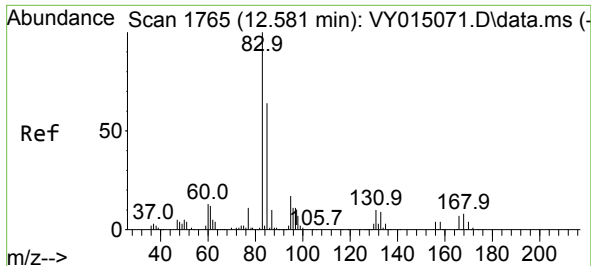
43 100

70 43.6 29.7 44.5

55 23.8 18.3 27.5

61 24.8 17.5 26.3

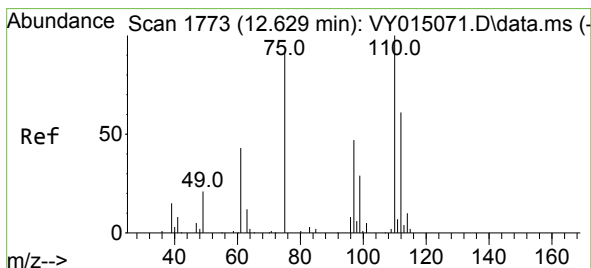
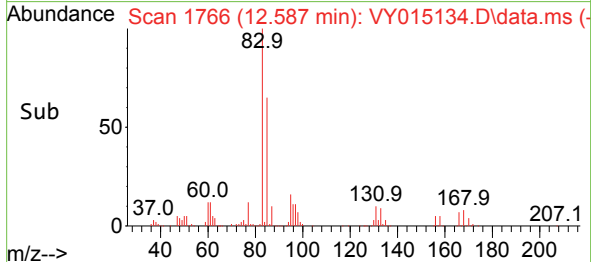
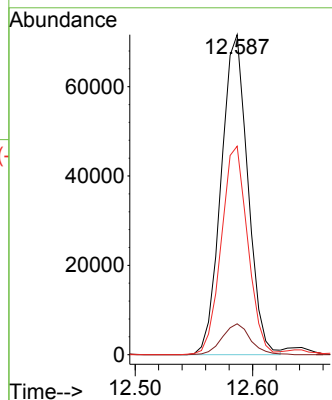
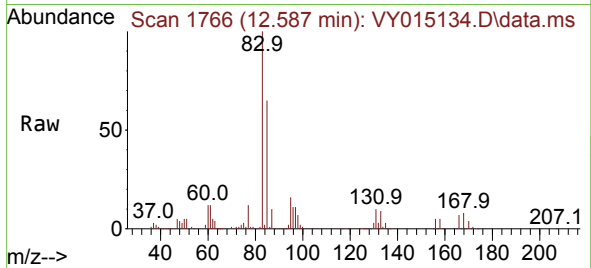




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.022 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.006 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

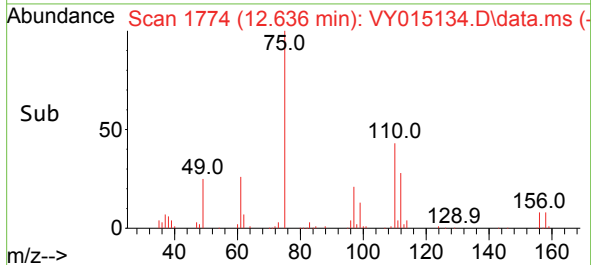
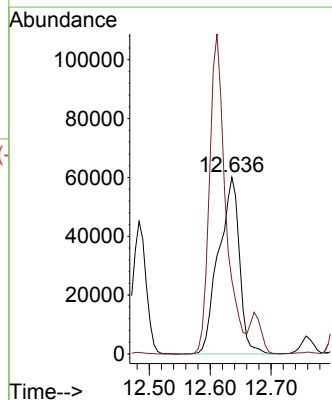
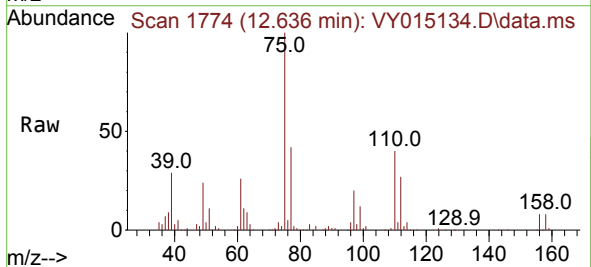
Instrument :
 MSVOA_Y
 ClientSampleId :

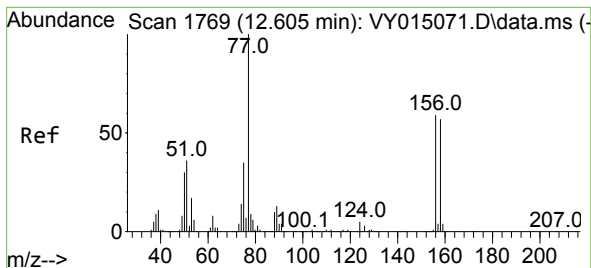
Tgt Ion: 83 Resp: 112951
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.4 16.2
 85 64.9 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 89.096 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

Tgt Ion: 75 Resp: 143083
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.835 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

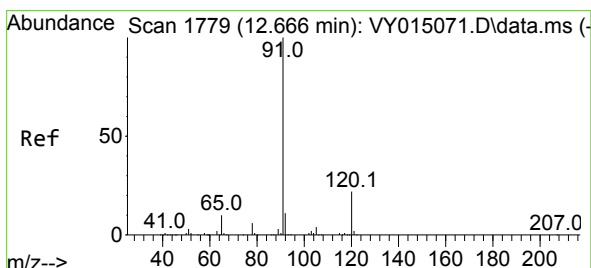
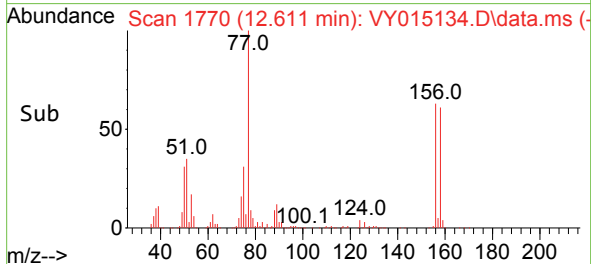
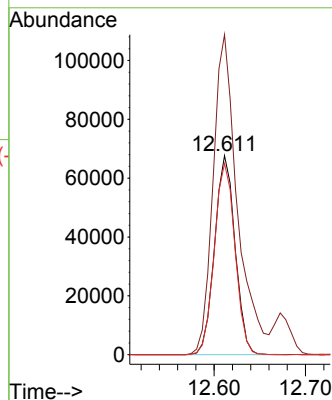
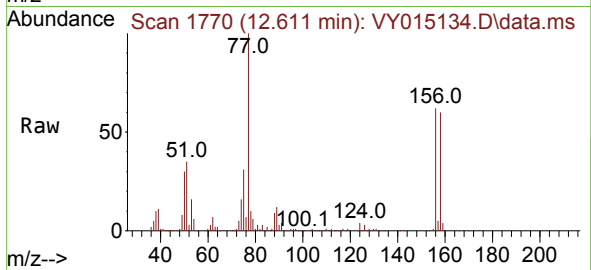
Tgt Ion:156 Resp: 105324

Ion Ratio Lower Upper

156 100

77 191.6 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 49.091 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015134.D

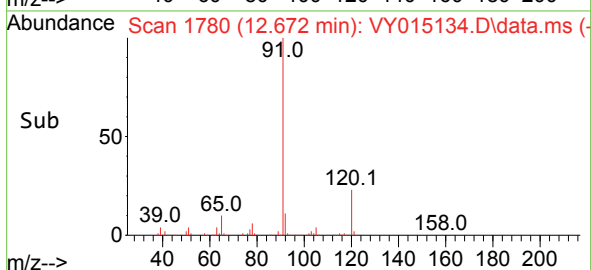
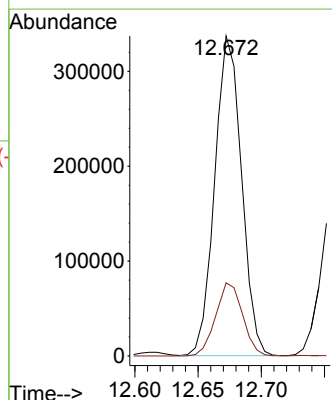
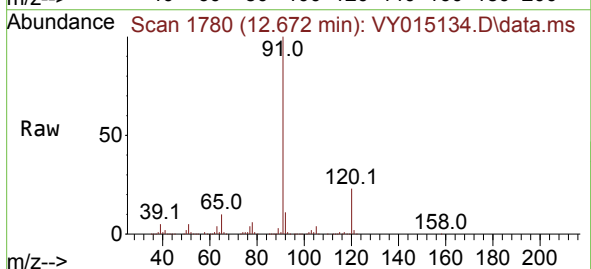
Acq: 16 Aug 2023 04:02

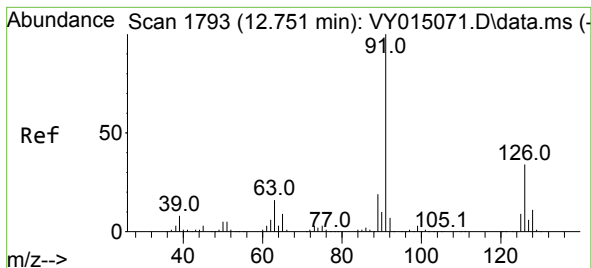
Tgt Ion: 91 Resp: 495497

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.059 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

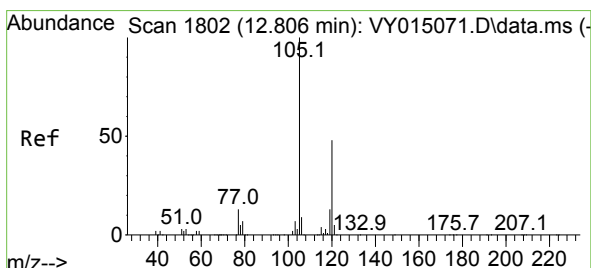
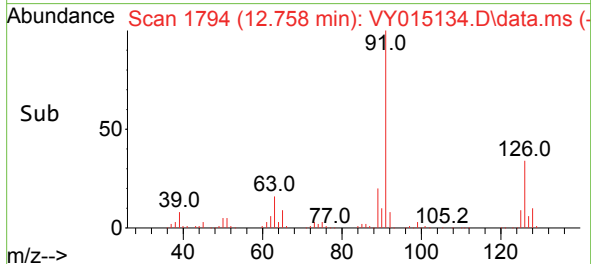
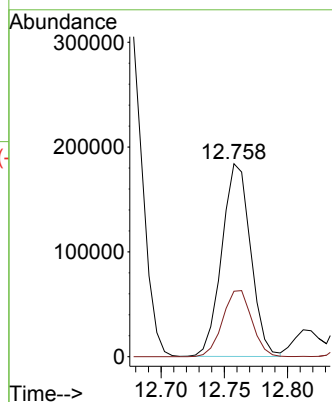
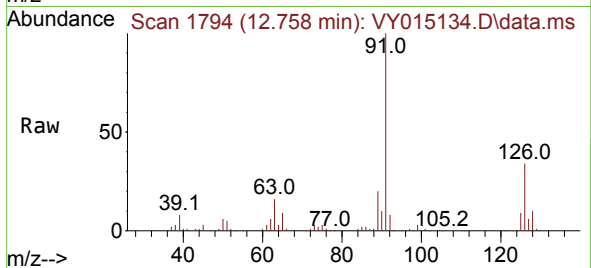
ClientSampleId :

Tgt Ion: 91 Resp: 291477

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.419 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015134.D

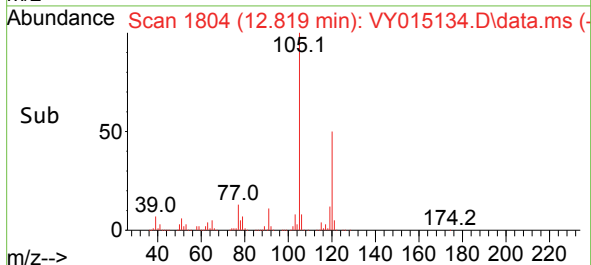
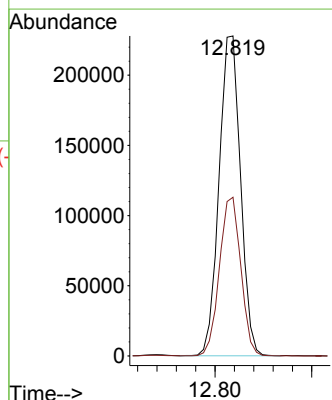
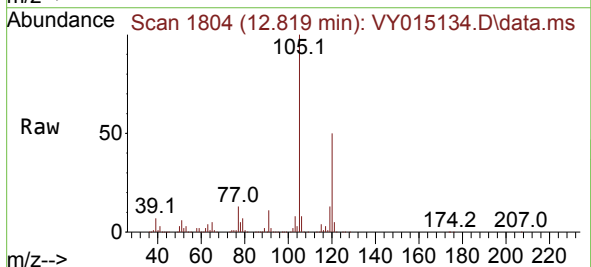
Acq: 16 Aug 2023 04:02

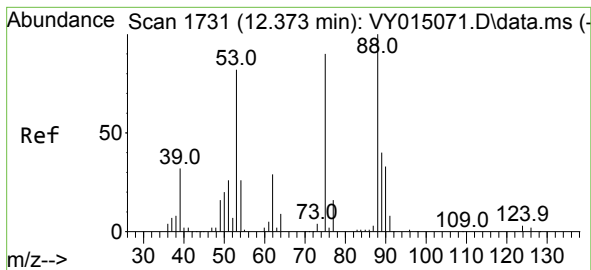
Tgt Ion: 105 Resp: 350148

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

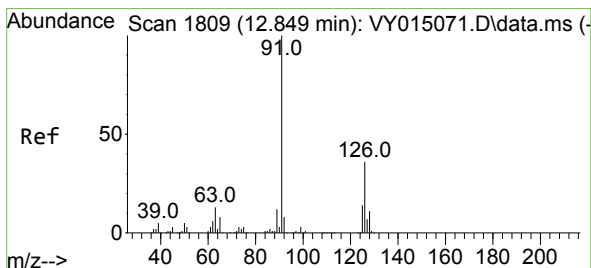
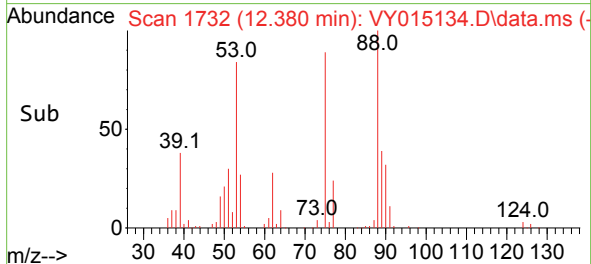
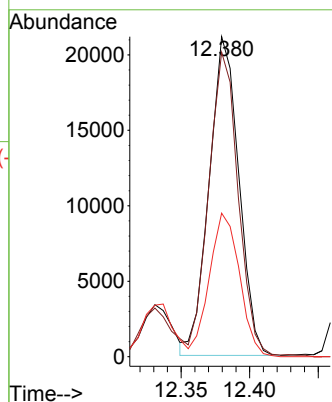
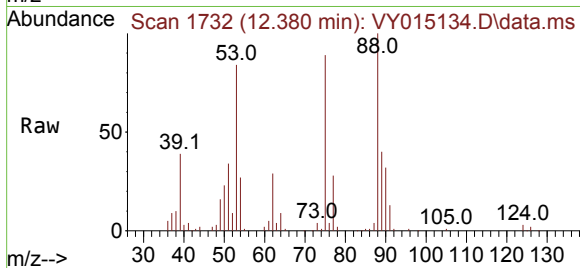




#81
trans-1,4-Dichloro-2-butene
Concen: 43.492 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

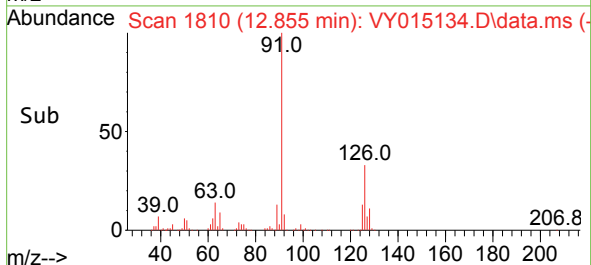
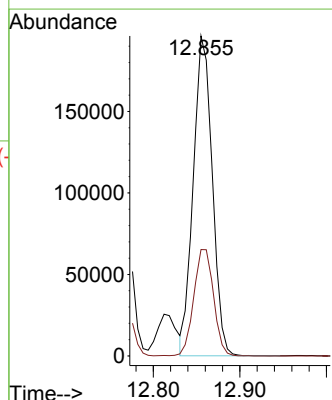
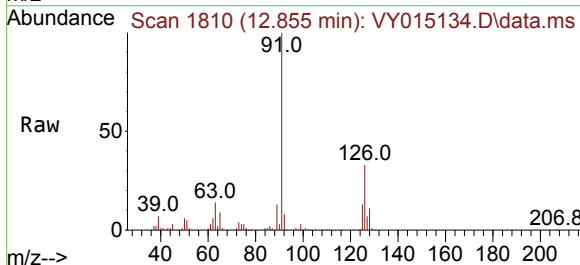
Instrument :
MSVOA_Y
ClientSampleId :

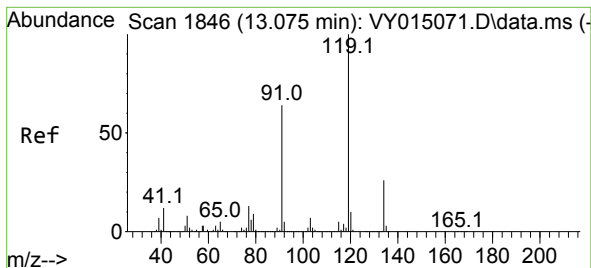
Tgt Ion: 75 Resp: 31799
Ion Ratio Lower Upper
75 100
53 94.9 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.726 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

Tgt Ion: 91 Resp: 299131
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.609 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

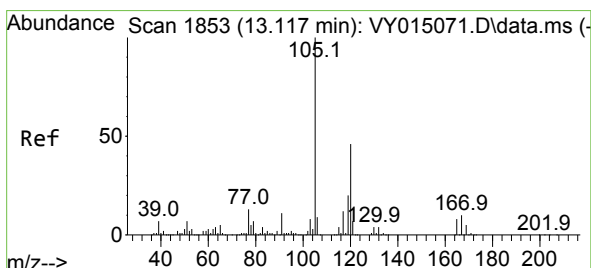
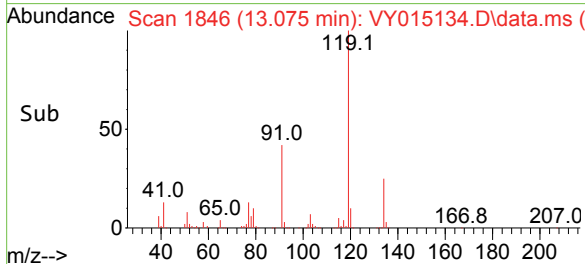
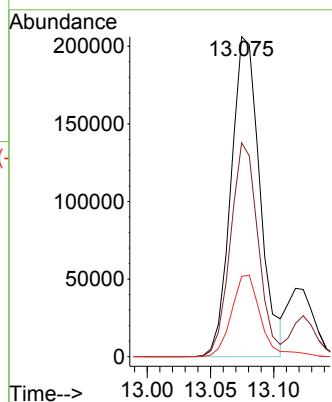
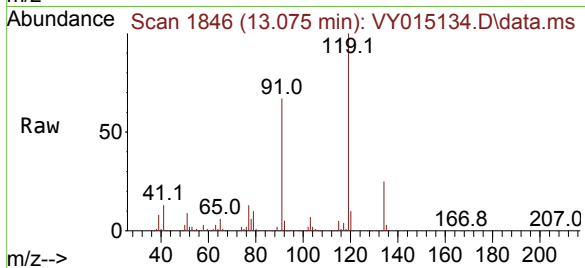
Tgt Ion:119 Resp: 327981

Ion Ratio Lower Upper

119 100

91 64.0 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.826 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015134.D

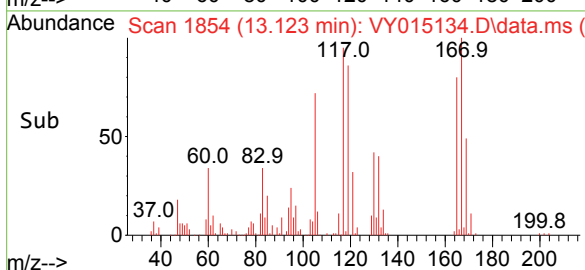
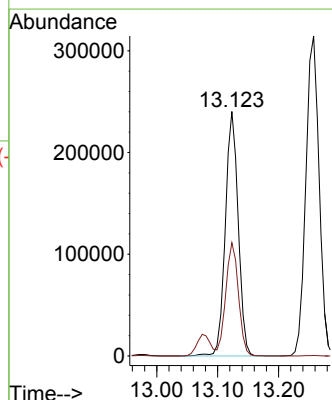
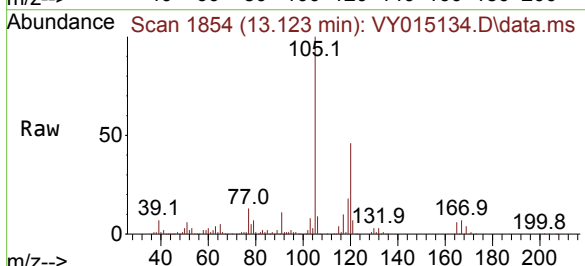
Acq: 16 Aug 2023 04:02

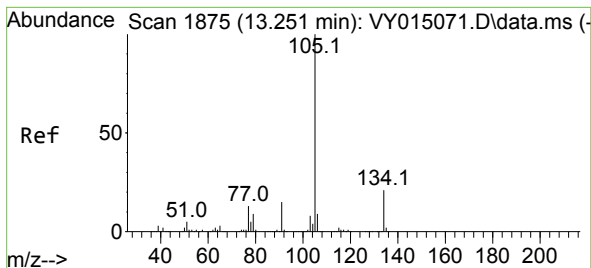
Tgt Ion:105 Resp: 352765

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.964 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

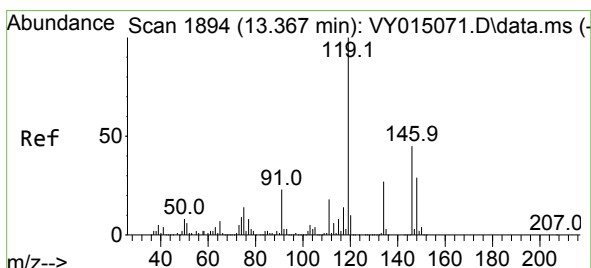
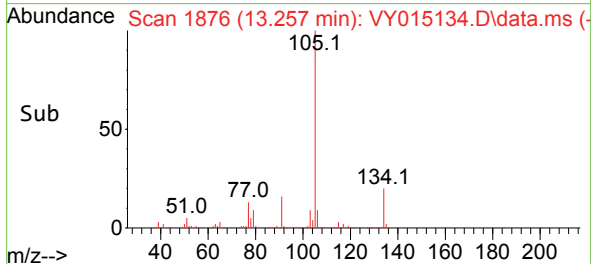
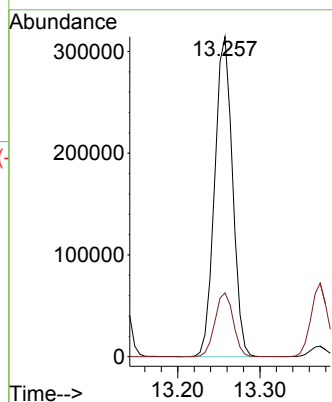
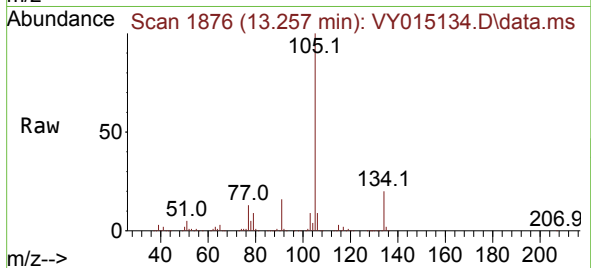
ClientSampleId :

Tgt Ion:105 Resp: 474438

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.365 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

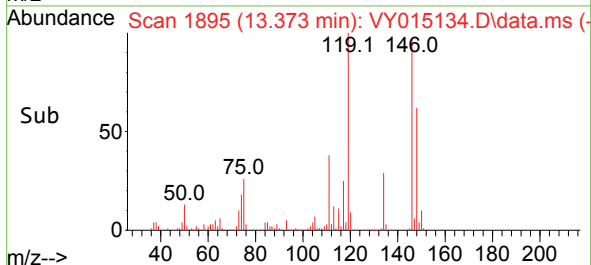
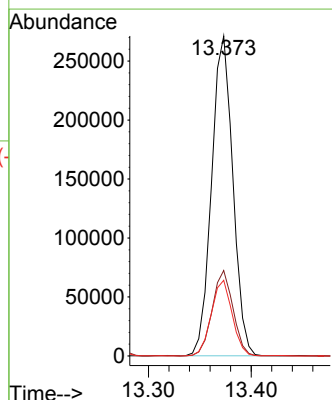
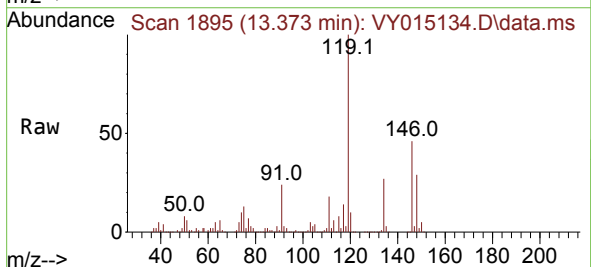
Tgt Ion:119 Resp: 388634

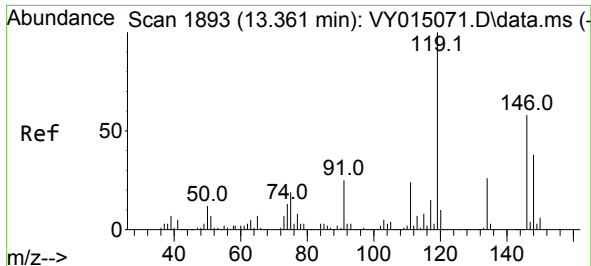
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.892 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

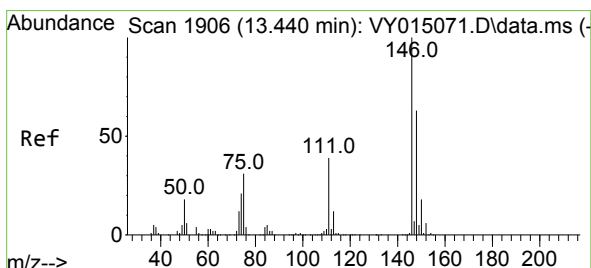
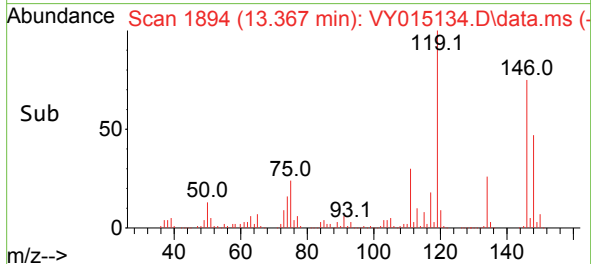
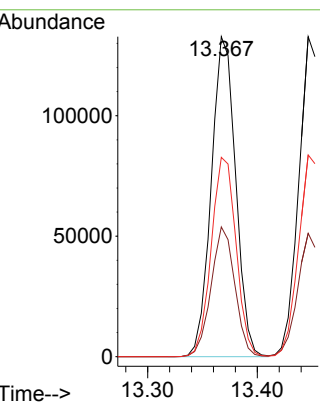
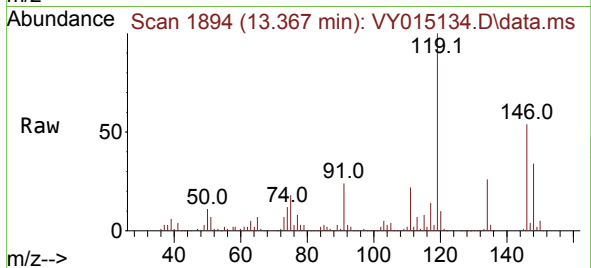
Tgt Ion:146 Resp: 205028

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.945 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

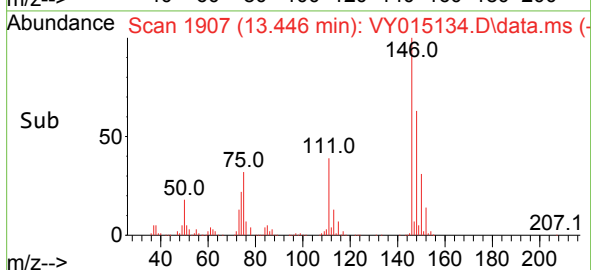
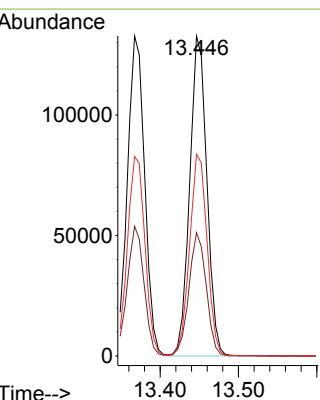
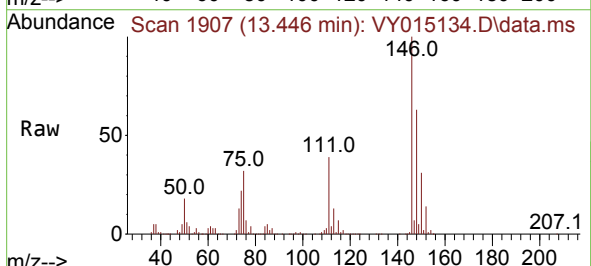
Tgt Ion:146 Resp: 201738

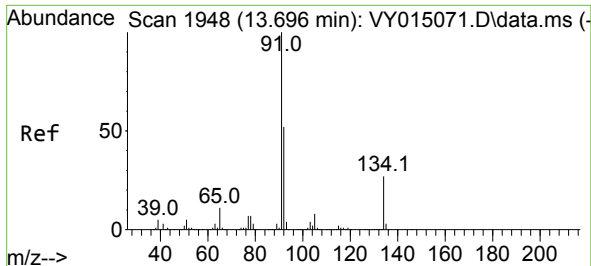
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 64.5 32.1 96.5

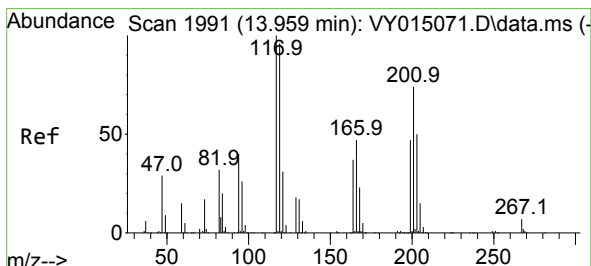
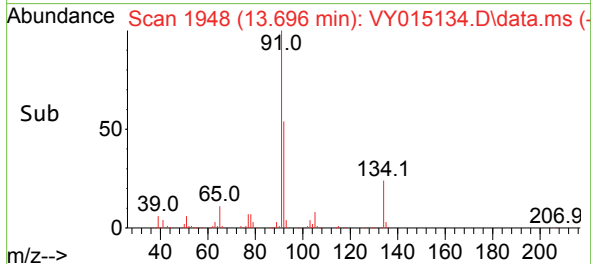
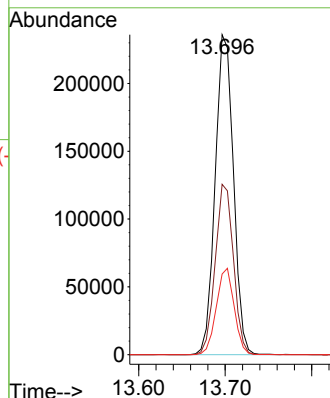
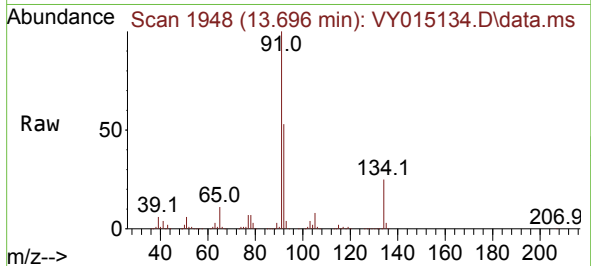




#89
n-Butylbenzene
Concen: 46.600 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

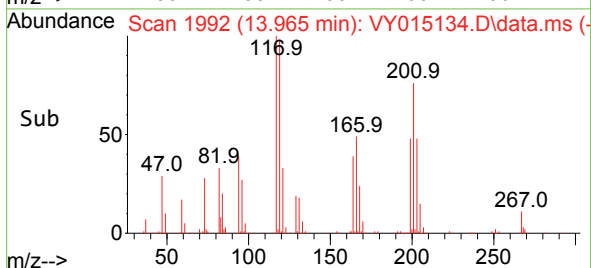
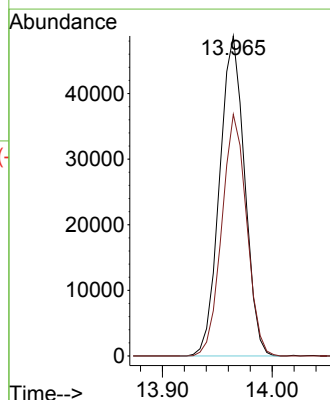
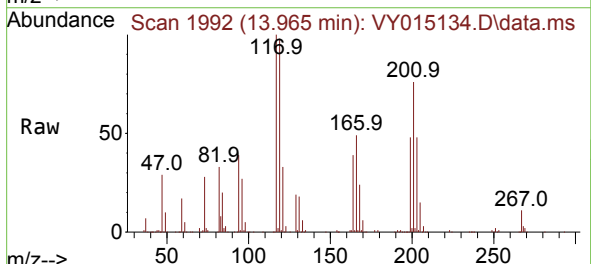
Instrument :
MSVOA_Y
ClientSampleId :

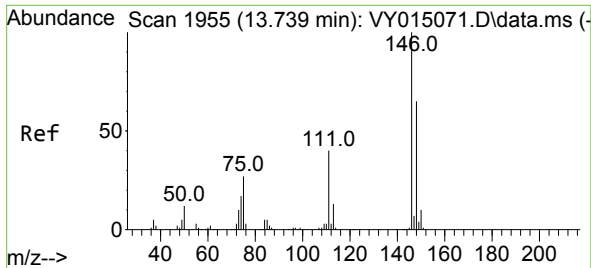
Tgt Ion: 91 Resp: 345906
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.4 12.6 37.6



#90
Hexachloroethane
Concen: 49.545 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015134.D
Acq: 16 Aug 2023 04:02

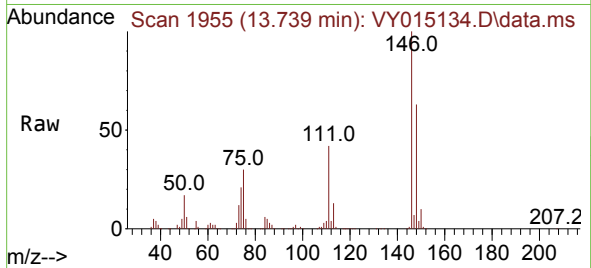
Tgt Ion: 117 Resp: 77380
Ion Ratio Lower Upper
117 100
201 74.9 41.6 124.8



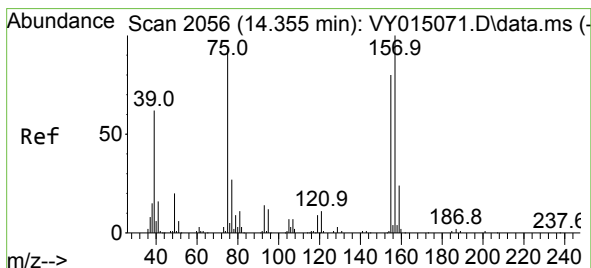
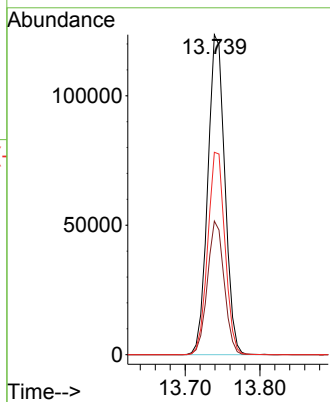
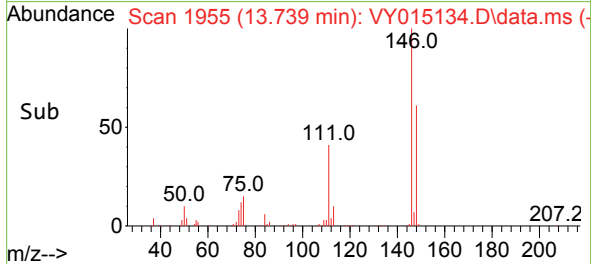


#91
 1,2-Dichlorobenzene
 Concen: 50.973 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02

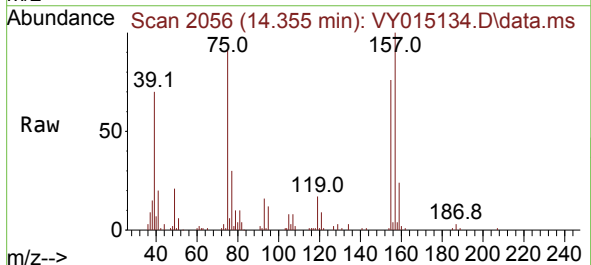
Instrument :
 MSVOA_Y
 ClientSampleId :



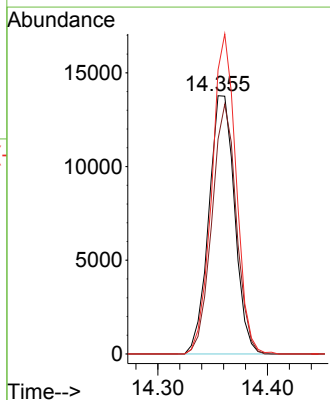
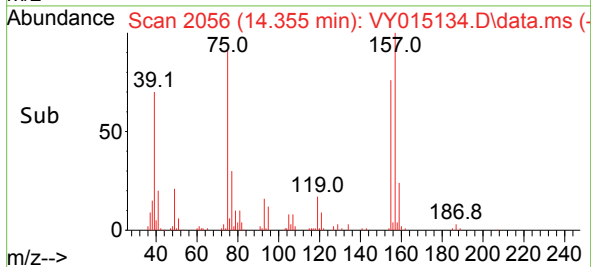
Tgt Ion:146 Resp: 195683
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.7 59.0
 148 63.9 32.0 96.2

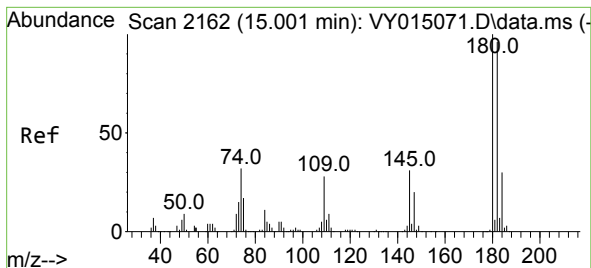


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.444 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015134.D
 Acq: 16 Aug 2023 04:02



Tgt Ion: 75 Resp: 22490
 Ion Ratio Lower Upper
 75 100
 155 91.5 41.5 124.6
 157 116.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.486 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

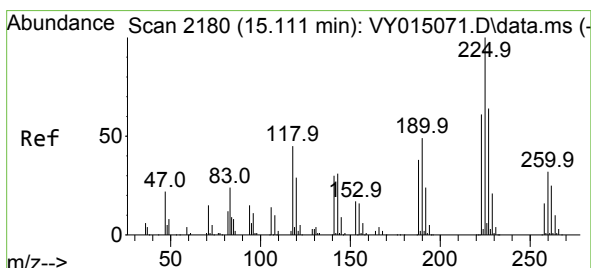
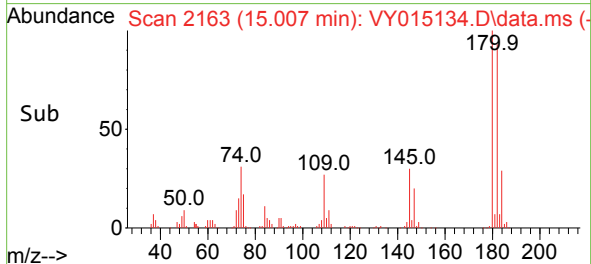
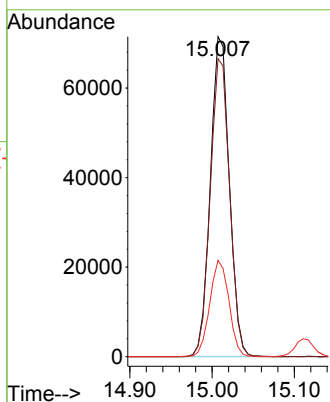
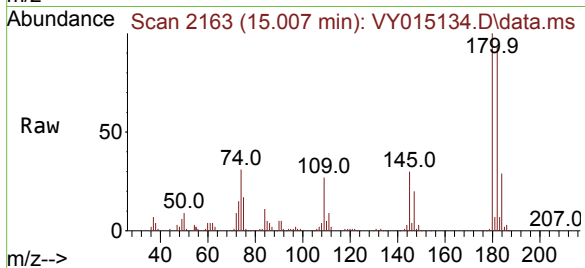
Tgt Ion:180 Resp: 114569

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.480 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

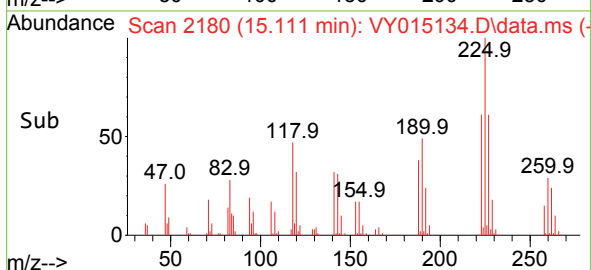
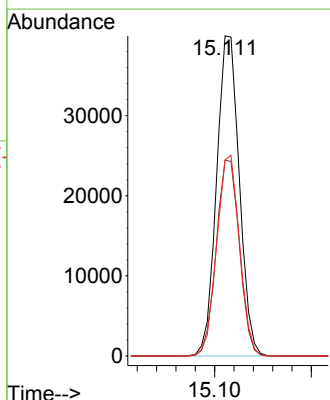
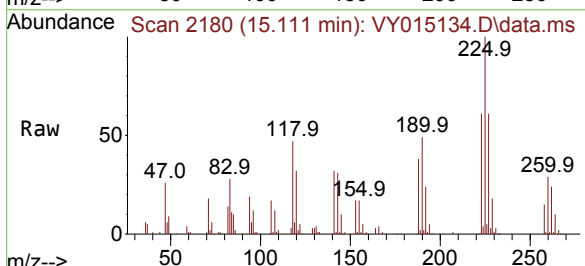
Tgt Ion:225 Resp: 64993

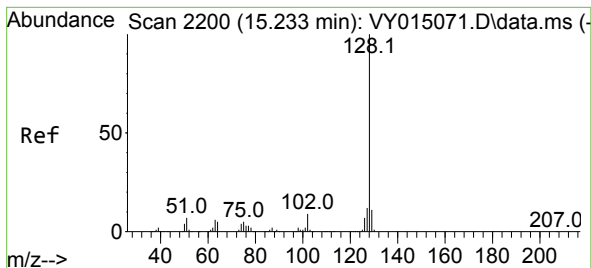
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 50.672 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Instrument :

MSVOA_Y

ClientSampleId :

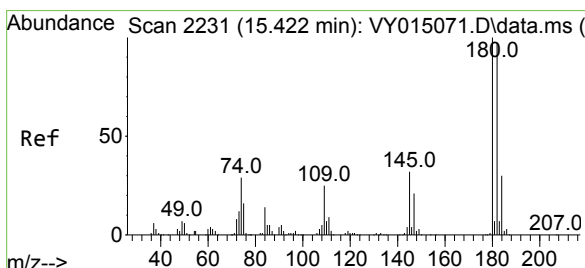
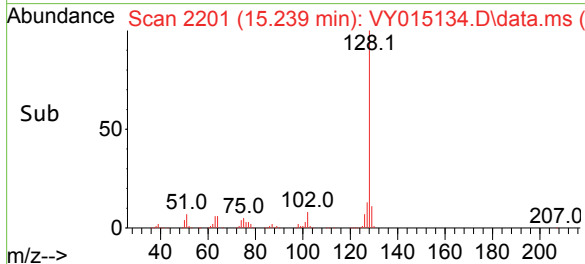
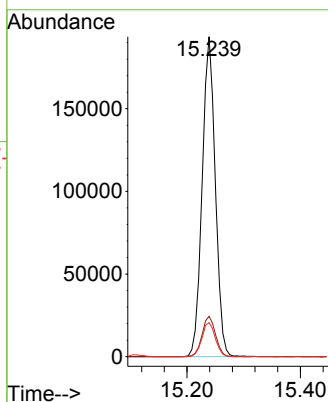
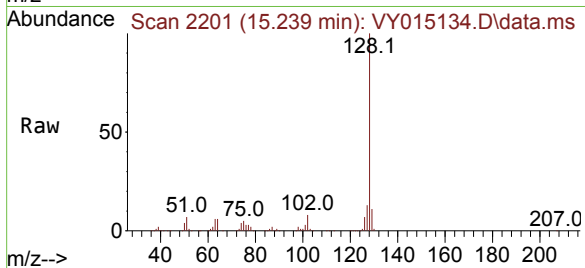
Tgt Ion:128 Resp: 311099

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.138 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015134.D

Acq: 16 Aug 2023 04:02

Tgt Ion:180 Resp: 109373

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.7 15.4 46.2

