

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015159.D
 Acq On : 16 Aug 2023 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 05:33:02 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	7.789	168	178726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116441	54.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.716	113	101979	52.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.440%	
50) Toluene-d8	10.179	98	373950	51.934	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.477	95	132445	50.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	36625	47.612	ug/l	99
3) Chloromethane	2.113	50	55387	52.047	ug/l	98
4) Vinyl Chloride	2.247	62	67698	47.602	ug/l	95
5) Bromomethane	2.637	94	57651	59.430	ug/l	100
6) Chloroethane	2.784	64	53276	51.597	ug/l	98
7) Trichlorofluoromethane	3.119	101	116427	48.584	ug/l	97
8) Diethyl Ether	3.521	74	47570	50.615	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	73129	49.101	ug/l	94
10) Methyl Iodide	4.082	142	62165	42.508	ug/l	98
11) Tert butyl alcohol	4.960	59	88414	250.329	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	59827	48.106	ug/l	91
13) Acrolein	3.723	56	26688	180.838	ug/l	98
14) Allyl chloride	4.472	41	108176	49.061	ug/l	98
15) Acrylonitrile	5.155	53	169542	266.195	ug/l	100
16) Acetone	3.942	43	161369	230.238	ug/l	98
17) Carbon Disulfide	4.186	76	103251	47.175	ug/l	99
18) Methyl Acetate	4.472	43	149396	58.166	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	265240	50.159	ug/l	100
20) Methylene Chloride	4.710	84	94649	56.921	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	69882	49.816	ug/l	98
22) Diisopropyl ether	6.118	45	276033	50.170	ug/l	91
23) Vinyl Acetate	6.058	43	776947	236.661	ug/l	96
24) 1,1-Dichloroethane	6.015	63	152052	51.047	ug/l	97
25) 2-Butanone	6.984	43	249852	251.772	ug/l	97
26) 2,2-Dichloropropane	6.978	77	122011	42.490	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	97332	50.793	ug/l	94
28) Bromochloromethane	7.332	49	65255	47.683	ug/l	94
29) Tetrahydrofuran	7.344	42	154751	260.794	ug/l	93
30) Chloroform	7.502	83	172119	51.545	ug/l	97
31) Cyclohexane	7.783	56	96454	50.350	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	141478	49.790	ug/l	99
36) 1,1-Dichloropropene	7.917	75	103738	48.477	ug/l	100
37) Ethyl Acetate	7.070	43	97726	48.993	ug/l	97
38) Carbon Tetrachloride	7.899	117	121494	47.972	ug/l	96
39) Methylcyclohexane	9.179	83	112822	47.030	ug/l	94
40) Benzene	8.155	78	320082	49.473	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	142054	138.110	ug/l	# 29
42) 1,2-Dichloroethane	8.234	62	117715	50.099	ug/l	95
43) Isopropyl Acetate	8.271	43	176002	48.453	ug/l	97
44) Trichloroethene	8.941	130	91676	49.184	ug/l	96
45) 1,2-Dichloropropane	9.216	63	91239	50.011	ug/l	95
46) Dibromomethane	9.307	93	58197	50.578	ug/l	97
47) Bromodichloromethane	9.496	83	138108	50.299	ug/l	96
48) Methyl methacrylate	9.295	41	79921	51.433	ug/l	94
49) 1,4-Dioxane	9.295	88	23992	1042.721	ug/l	# 56
51) 4-Methyl-2-Pentanone	10.069	43	543791	258.307	ug/l	94
52) Toluene	10.246	92	210139	49.278	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	135681	47.020	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	144705	47.616	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	88142	50.379	ug/l	99
56) Ethyl methacrylate	10.508	69	126452	49.386	ug/l	91
57) 1,3-Dichloropropane	10.788	76	141769	49.597	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	293034	245.918	ug/l	95
59) 2-Hexanone	10.831	43	395733	253.988	ug/l	93
60) Dibromochloromethane	10.983	129	105804	50.696	ug/l	99
61) 1,2-Dibromoethane	11.087	107	81551	49.067	ug/l	99
64) Tetrachloroethene	10.721	164	103911	54.504	ug/l	95
65) Chlorobenzene	11.514	112	242808	48.699	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	102366	50.600	ug/l	98
67) Ethyl Benzene	11.593	91	420806	48.171	ug/l	99
68) m/p-Xylenes	11.703	106	320781	96.684	ug/l	96
69) o-Xylene	12.026	106	159879	48.372	ug/l	99
70) Styrene	12.044	104	282976	49.467	ug/l	97
71) Bromoform	12.209	173	72580	49.491	ug/l	# 97
73) Isopropylbenzene	12.331	105	433292	46.861	ug/l	100
74) N-amyl acetate	12.142	43	156512	46.882	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	116487	48.372	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	149286	85.454	ug/l	# 100
77) Bromobenzene	12.605	156	108049	47.940	ug/l	98
78) n-propylbenzene	12.672	91	518535	47.226	ug/l	99
79) 2-Chlorotoluene	12.758	91	298549	47.134	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	363956	47.221	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	35307	44.392	ug/l	98
82) 4-Chlorotoluene	12.855	91	313113	47.848	ug/l	100
83) tert-Butylbenzene	13.075	119	331341	47.000	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	368582	47.857	ug/l	99
85) sec-Butylbenzene	13.251	105	493220	47.749	ug/l	100
86) p-Isopropyltoluene	13.367	119	412298	48.143	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	215026	48.101	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	217603	48.532	ug/l	98
89) n-Butylbenzene	13.696	91	382175	47.330	ug/l	97
90) Hexachloroethane	13.959	117	79824	46.984	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	205721	49.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22905	49.099	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	125580	46.840	ug/l	98
94) Hexachlorobutadiene	15.111	225	67446	46.248	ug/l	97
95) Naphthalene	15.233	128	316793	47.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	116410	48.078	ug/l	99

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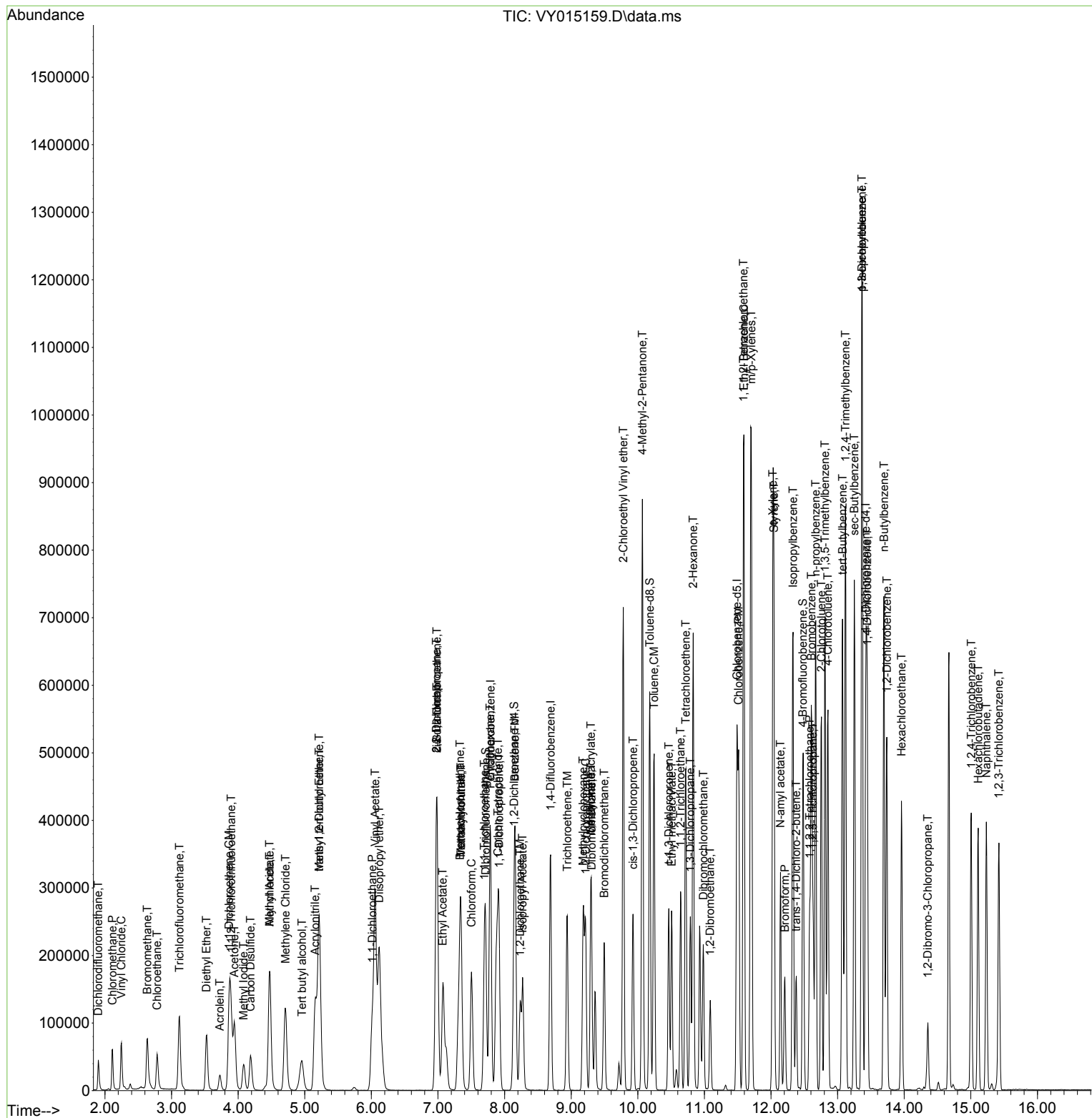
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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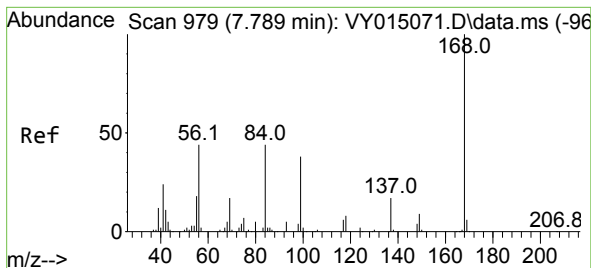
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015159.D

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Instrument :

MSVOA_Y

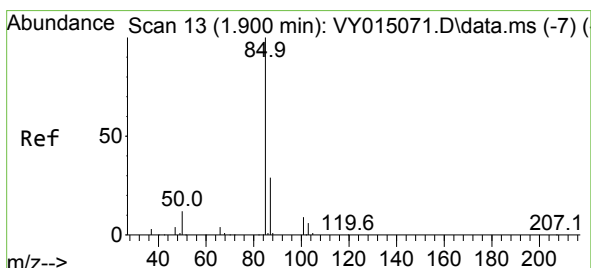
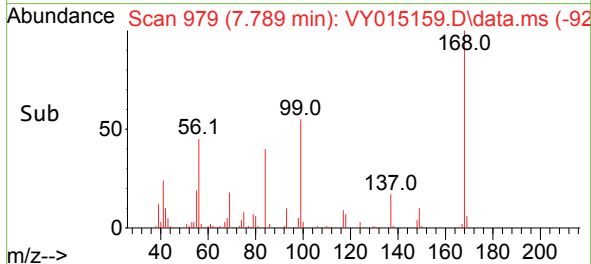
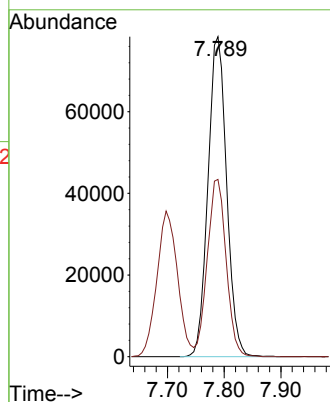
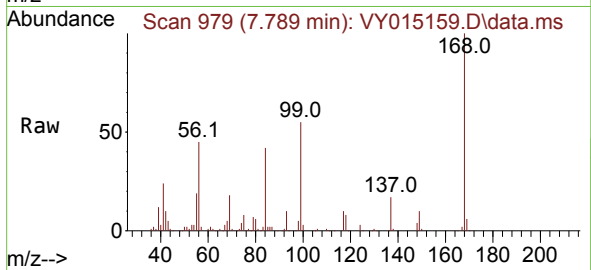
ClientSampleId :

Tgt Ion:168 Resp: 178726

Ion Ratio Lower Upper

168 100

99 55.4 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 47.612 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015159.D

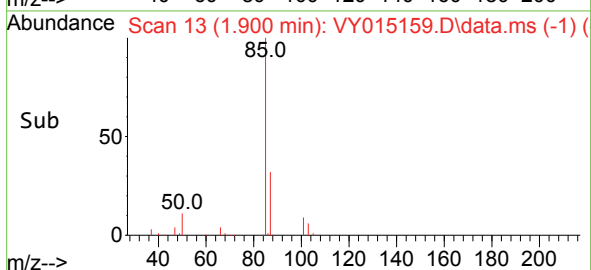
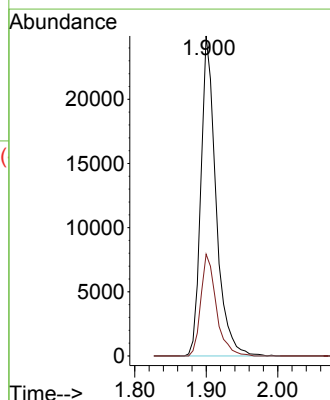
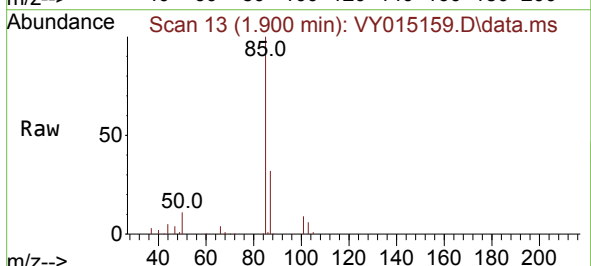
Acq: 16 Aug 2023 18:50

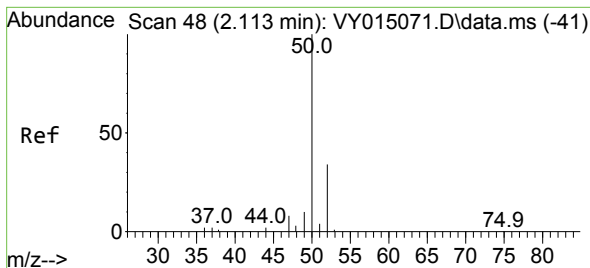
Tgt Ion: 85 Resp: 36625

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8





#3

Chloromethane

Concen: 52.047 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

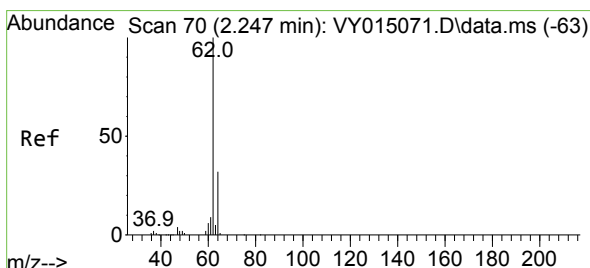
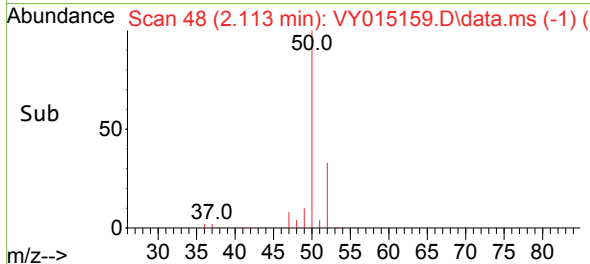
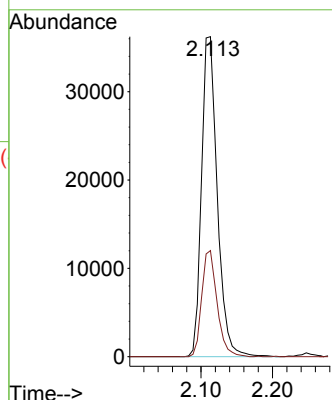
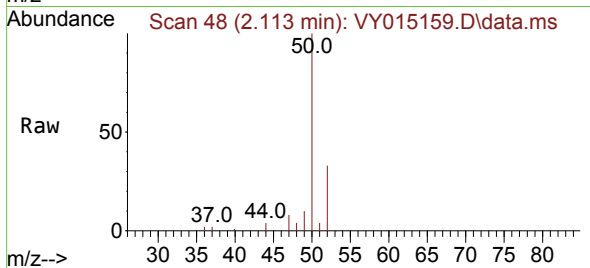
ClientSampleId :

Tgt Ion: 50 Resp: 55387

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 47.602 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015159.D

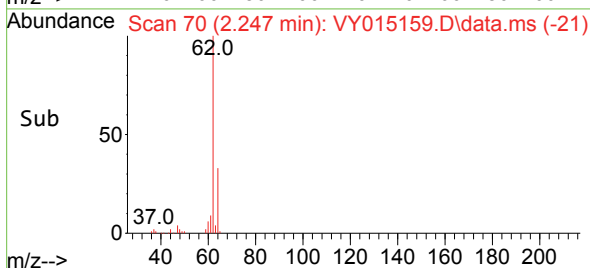
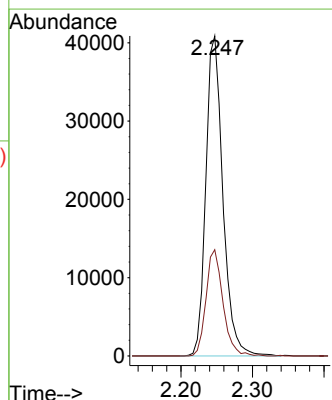
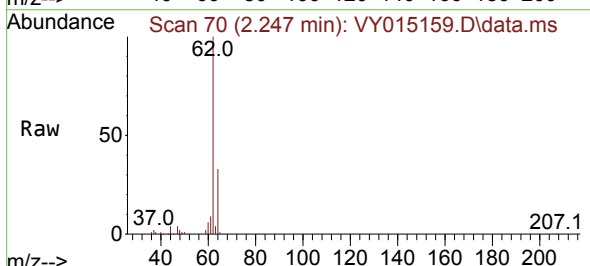
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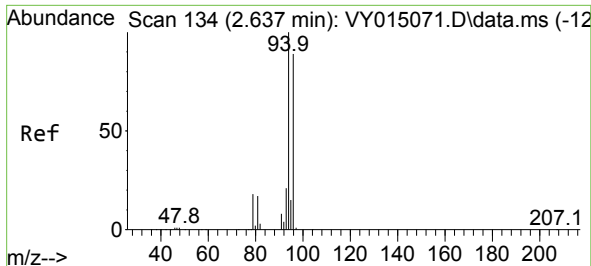
Tgt Ion: 62 Resp: 67698

Ion Ratio Lower Upper

62 100

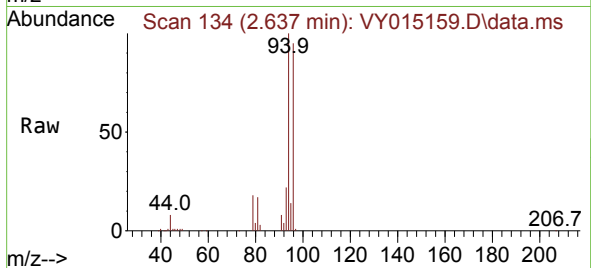
64 33.2 24.3 36.5



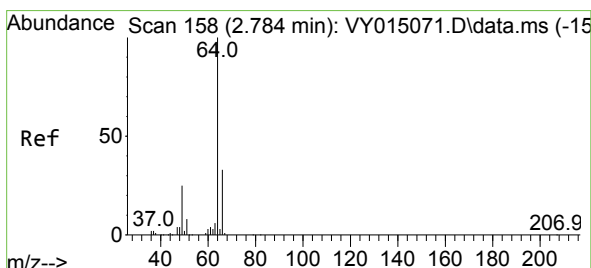
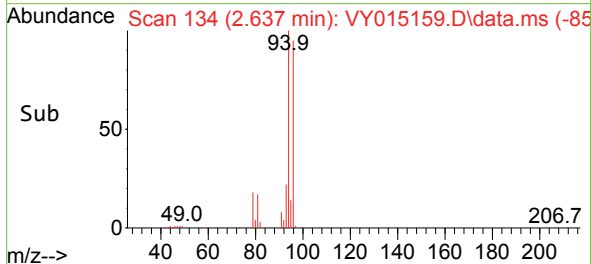
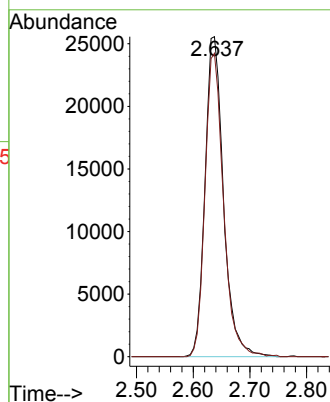


#5
Bromomethane
Concen: 59.430 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
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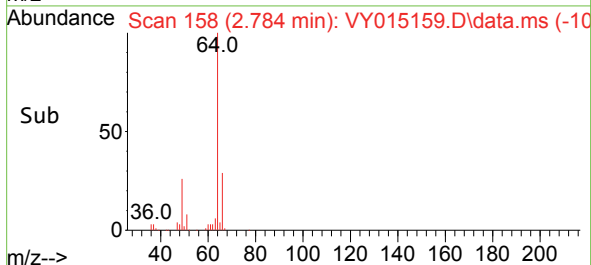
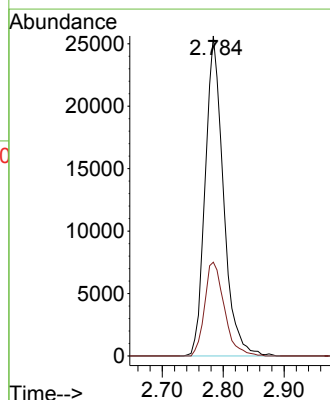
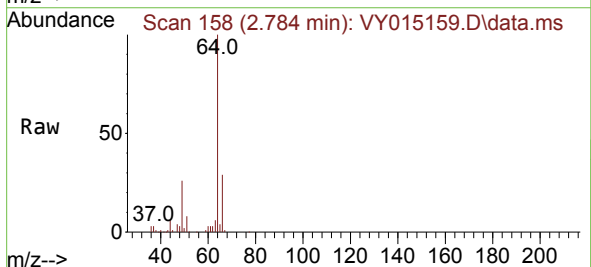


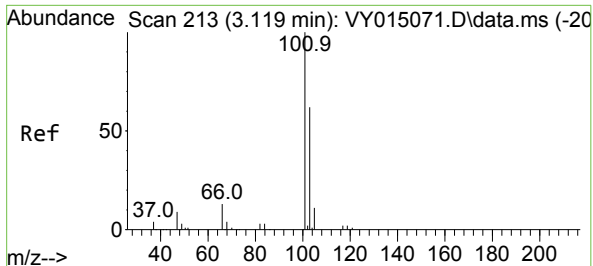
Tgt Ion: 94 Resp: 57651
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 51.597 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 53276
Ion Ratio Lower Upper
64 100
66 29.3 24.4 36.6

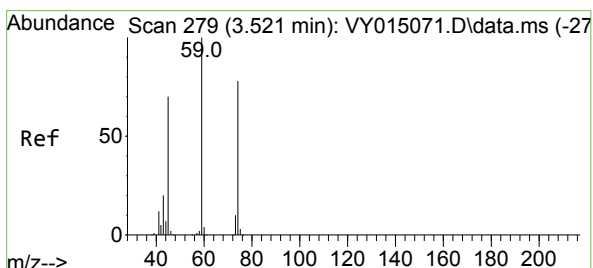
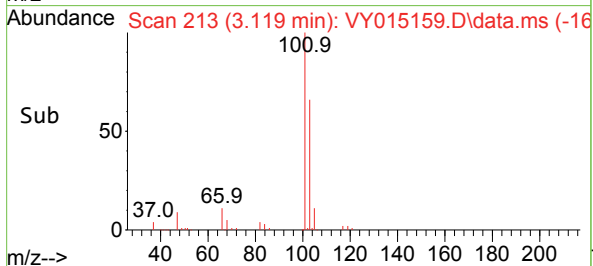
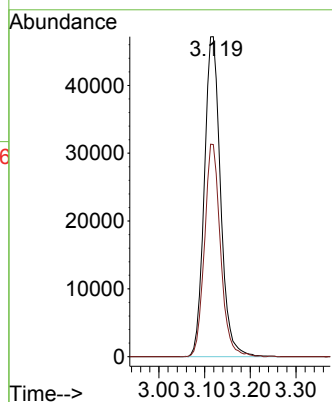
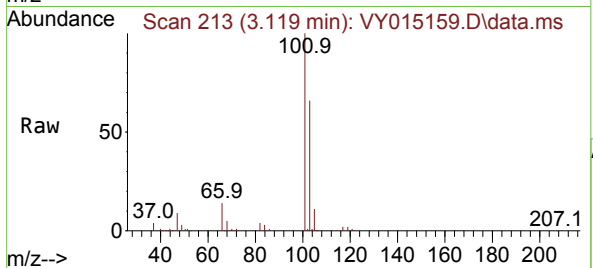




#7
 Trichlorofluoromethane
 Concen: 48.584 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015159.D
 Acq: 16 Aug 2023 18:50

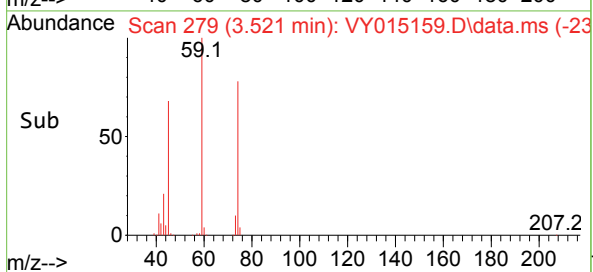
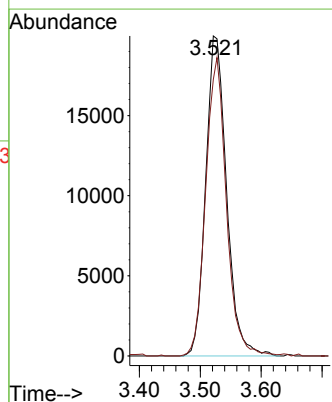
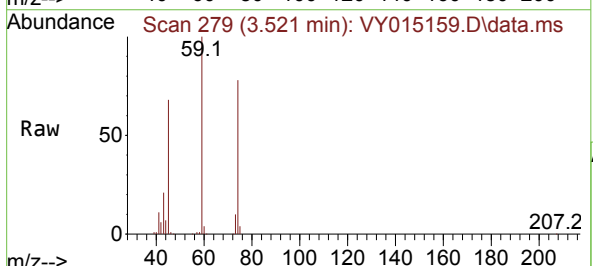
Instrument :
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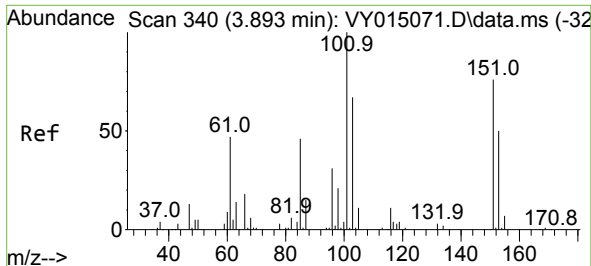
Tgt Ion:101 Resp: 116427
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.615 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 47570
 Ion Ratio Lower Upper
 74 100
 45 92.5 51.5 154.5

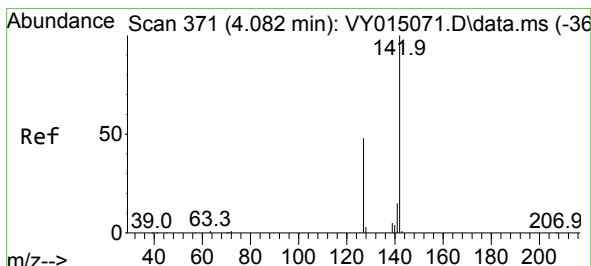
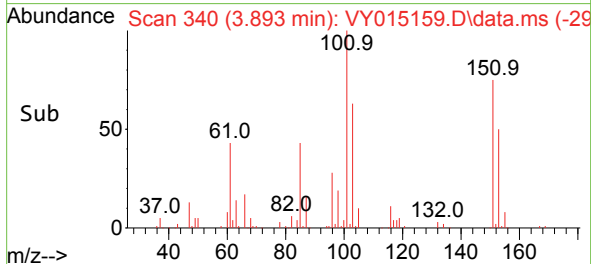
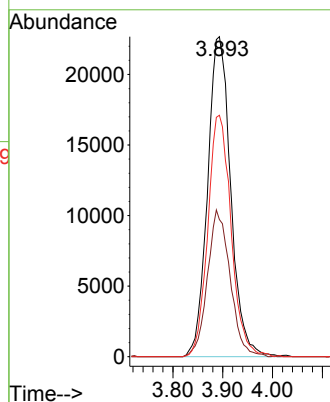
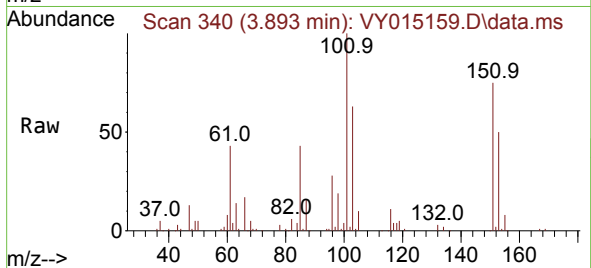




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.101 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

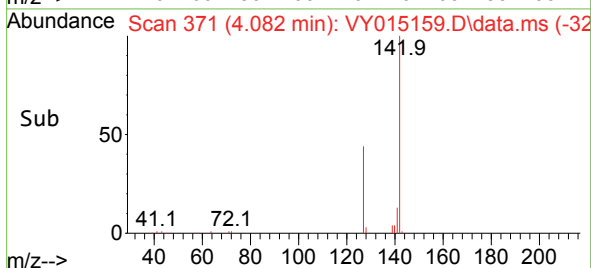
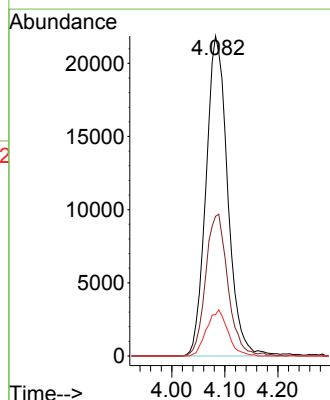
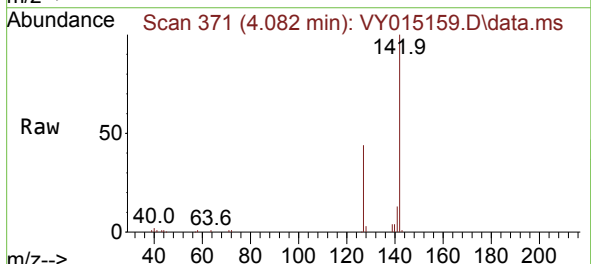
Instrument :
MSVOA_Y
ClientSampleId :

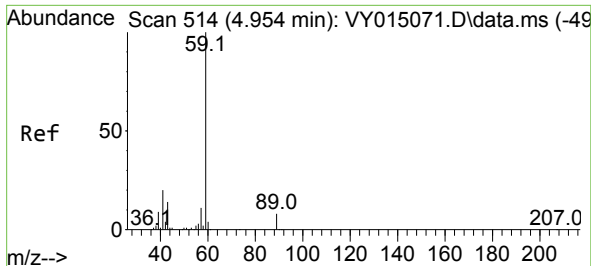
Tgt Ion:101 Resp: 73129
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 75.9 67.0 100.6



#10
Methyl Iodide
Concen: 42.508 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion:142 Resp: 62165
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.1 11.8 17.8

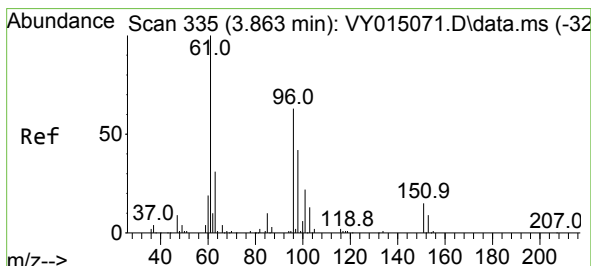
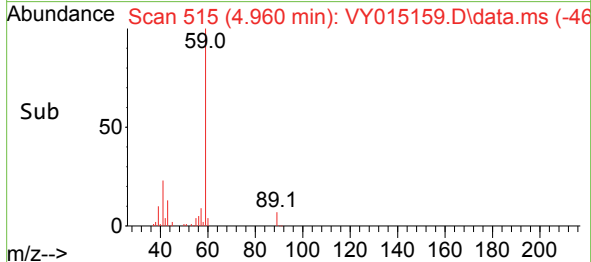
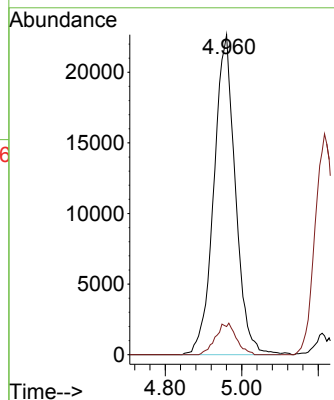
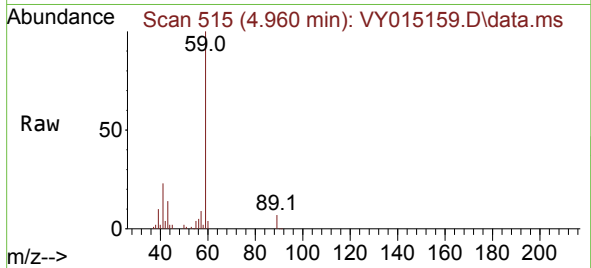




#11
Tert butyl alcohol
Concen: 250.329 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

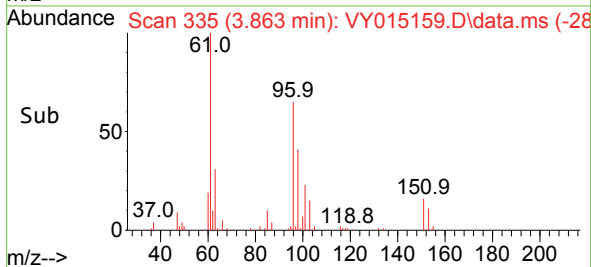
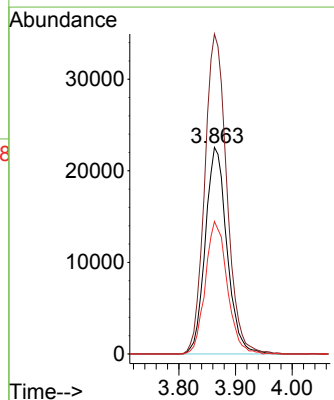
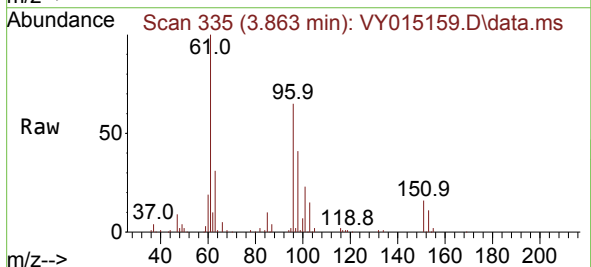
Instrument :
MSVOA_Y
ClientSampleId :

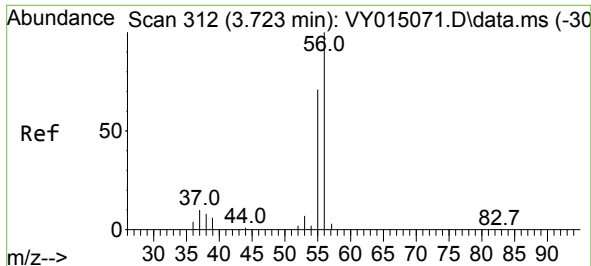
Tgt Ion: 59 Resp: 88414
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.106 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 96 Resp: 59827
Ion Ratio Lower Upper
96 100
61 154.9 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 180.838 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

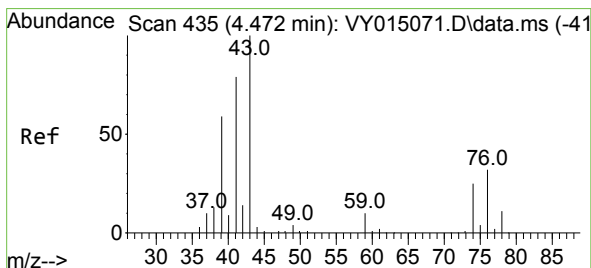
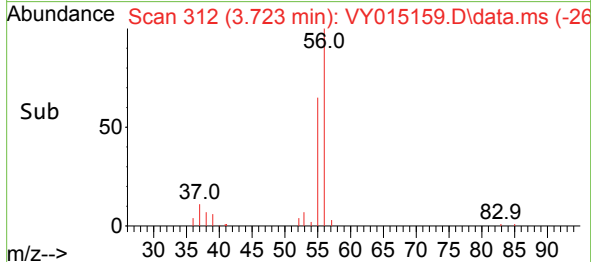
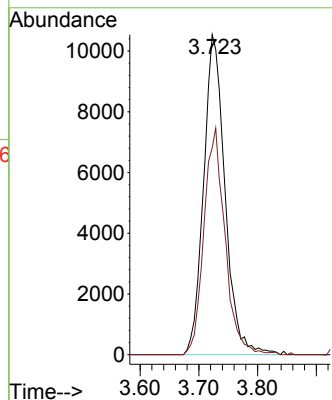
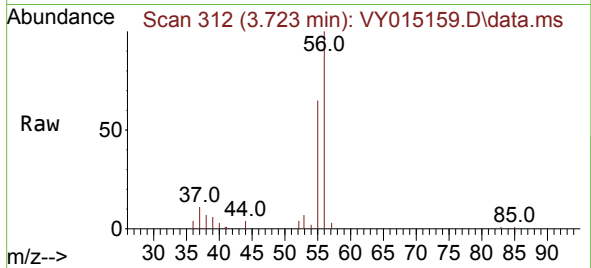
ClientSampleId :

Tgt Ion: 56 Resp: 26688

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 49.061 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

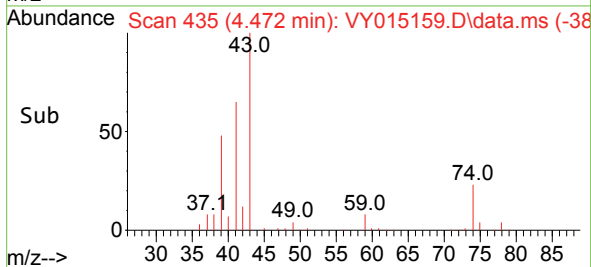
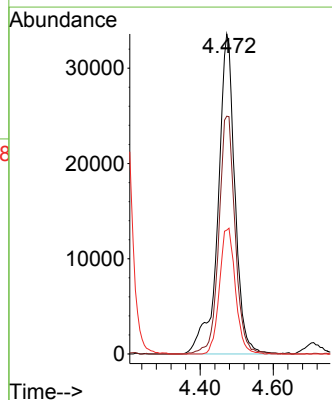
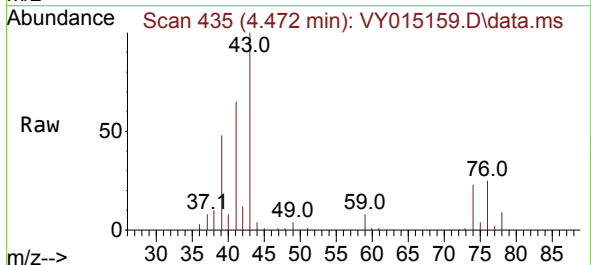
Tgt Ion: 41 Resp: 108176

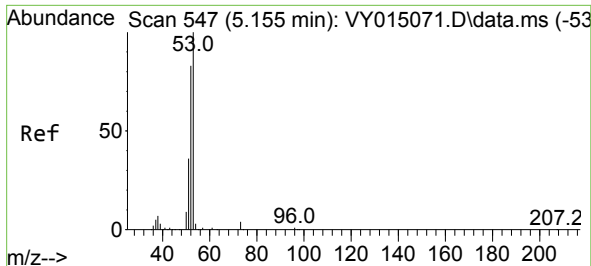
Ion Ratio Lower Upper

41 100

39 71.5 58.0 87.0

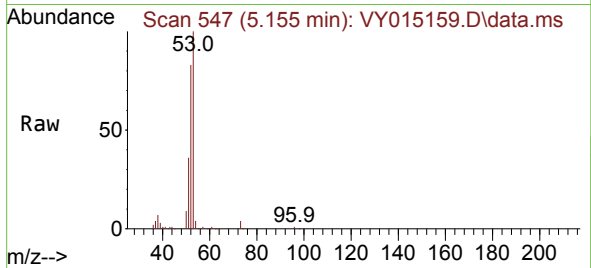
76 37.0 27.4 41.2



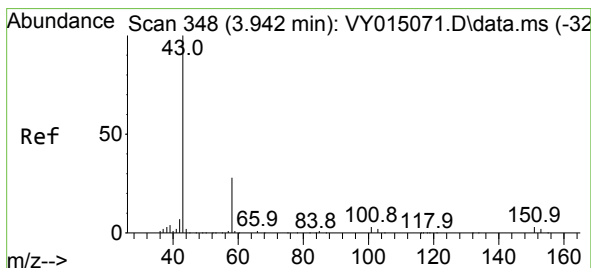
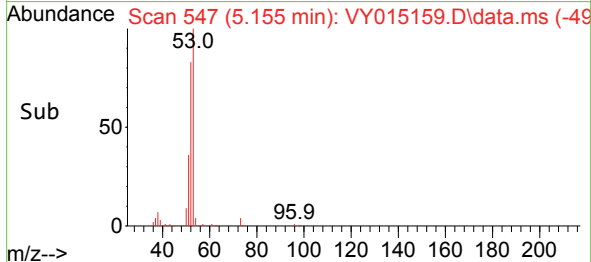
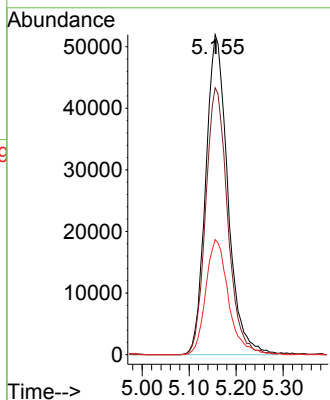


#15
Acrylonitrile
Concen: 266.195 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Instrument :
MSVOA_Y
ClientSampleId :

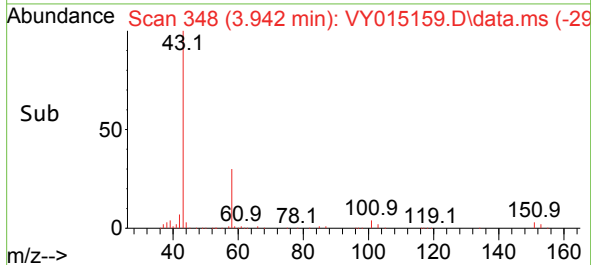
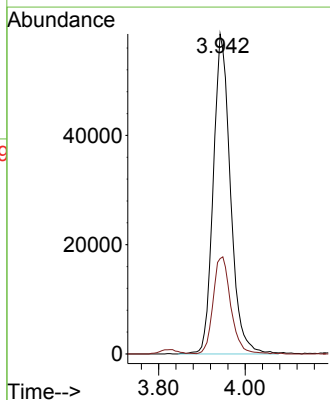
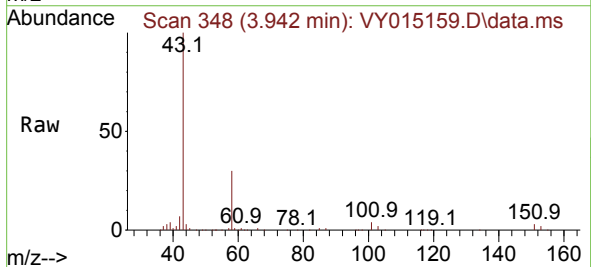


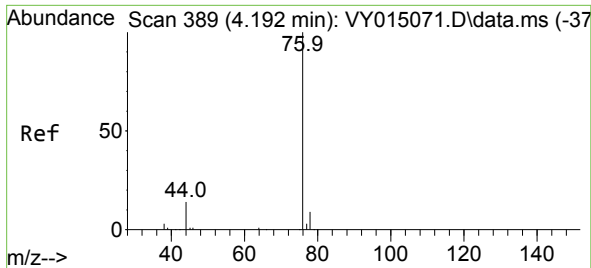
Tgt Ion: 53 Resp: 169542
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 230.238 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 43 Resp: 161369
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1





#17

Carbon Disulfide

Concen: 47.175 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

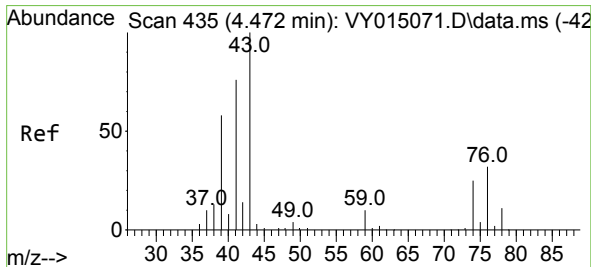
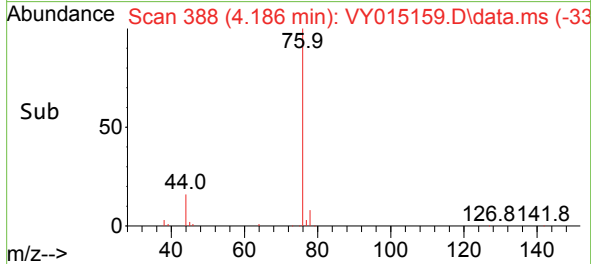
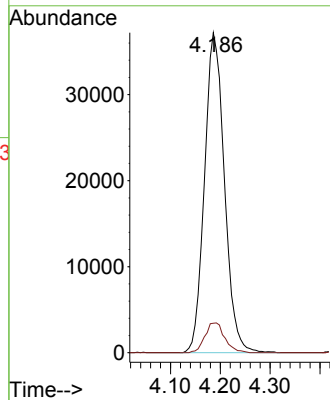
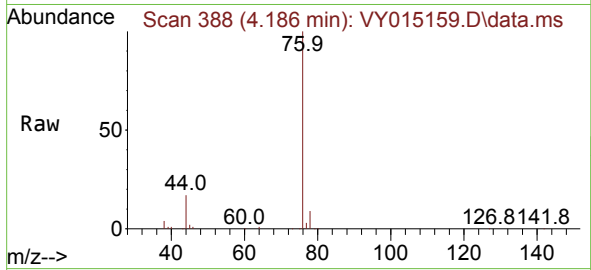
ClientSampleId :

Tgt Ion: 76 Resp: 103251

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 58.166 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY015159.D

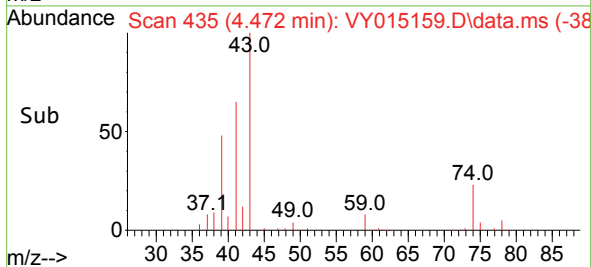
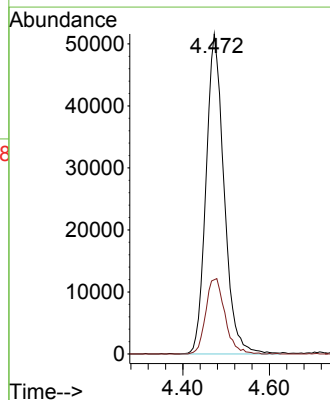
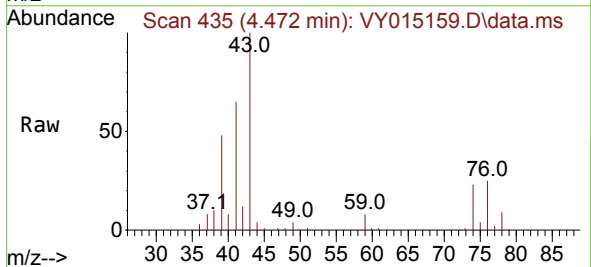
Acq: 16 Aug 2023 18:50

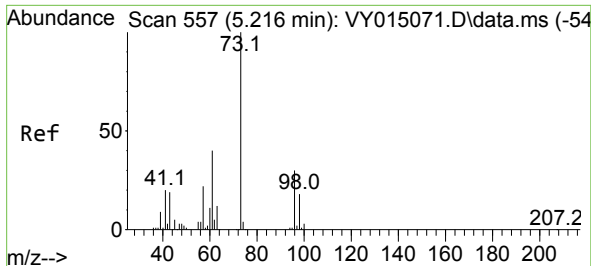
Tgt Ion: 43 Resp: 149396

Ion Ratio Lower Upper

43 100

74 25.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 50.159 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

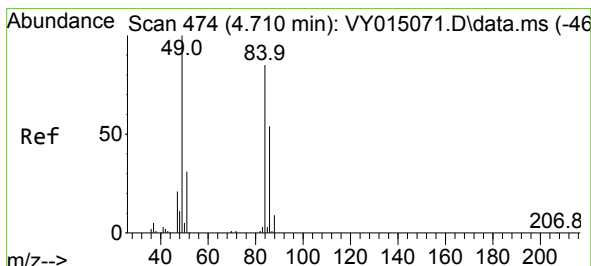
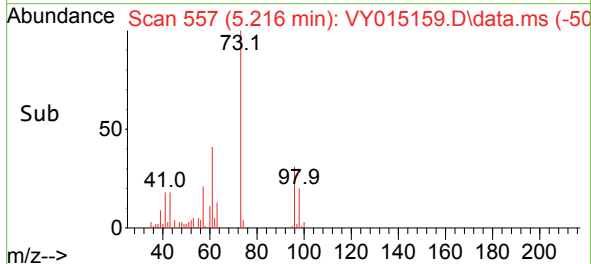
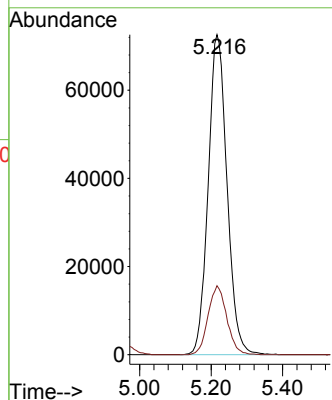
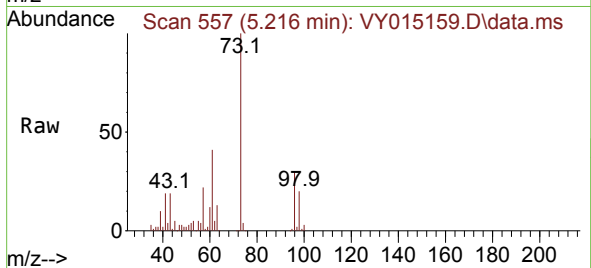
ClientSampleId :

Tgt Ion: 73 Resp: 265240

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 56.921 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Tgt Ion: 84 Resp: 94649

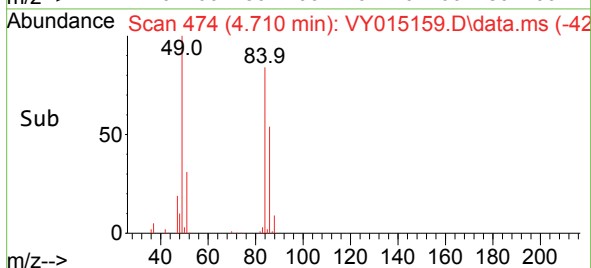
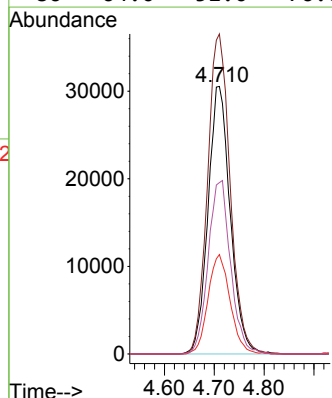
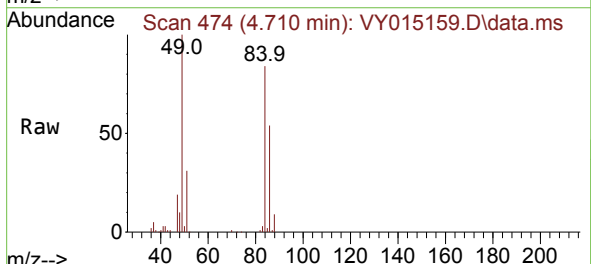
Ion Ratio Lower Upper

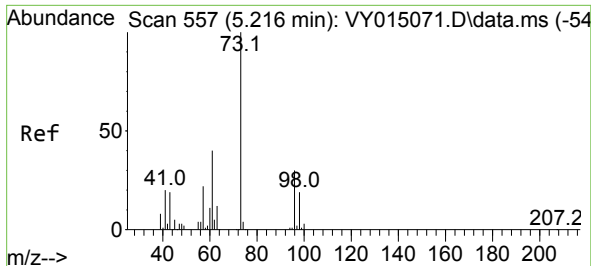
84 100

49 119.6 106.9 160.3

51 37.2 33.2 49.8

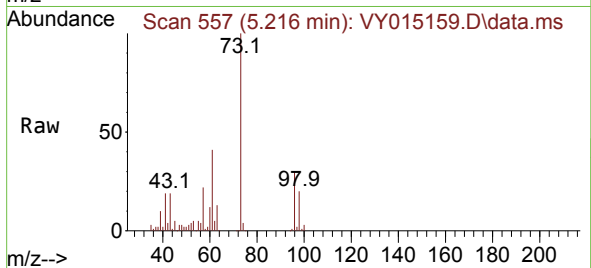
86 64.0 51.0 76.6



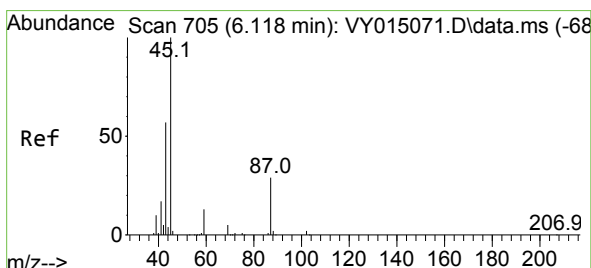
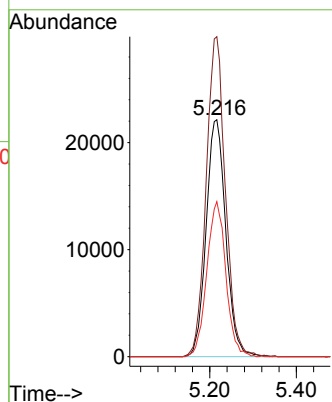
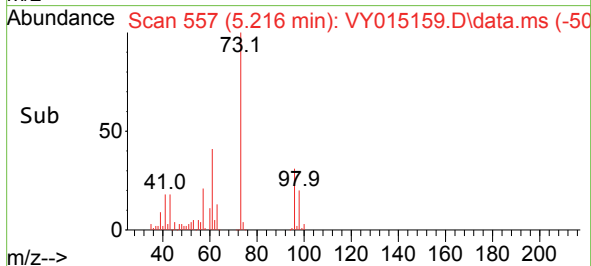


#21
trans-1,2-Dichloroethene
Concen: 49.816 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Instrument :
MSVOA_Y
ClientSampleId :

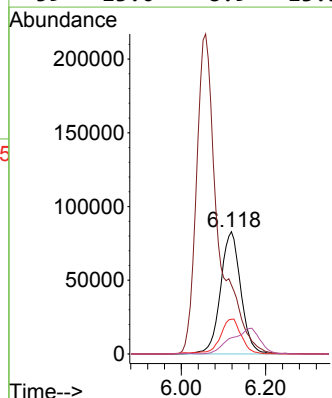
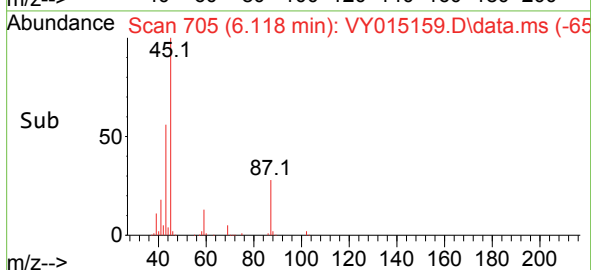
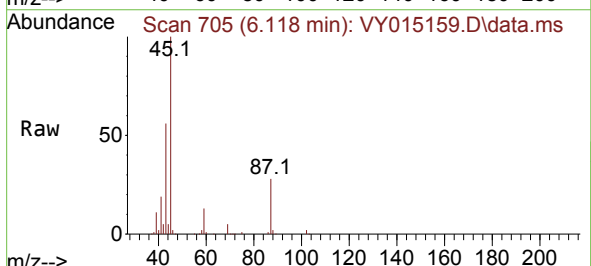


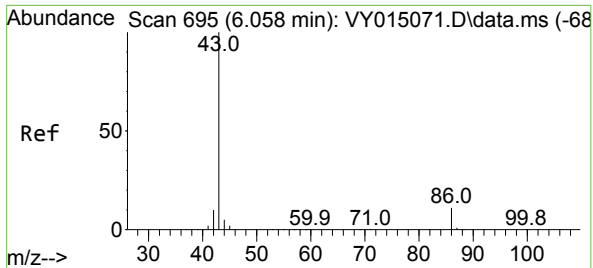
Tgt Ion: 96 Resp: 69882
Ion Ratio Lower Upper
96 100
61 135.1 110.2 165.4
98 65.4 51.8 77.6



#22
Diisopropyl ether
Concen: 50.170 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 45 Resp: 276033
Ion Ratio Lower Upper
45 100
43 55.9 52.2 78.4
87 28.3 21.0 31.6
59 13.0 8.9 13.3

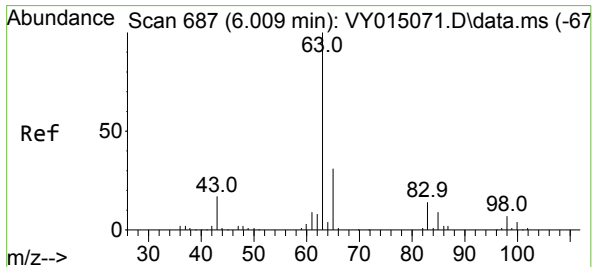
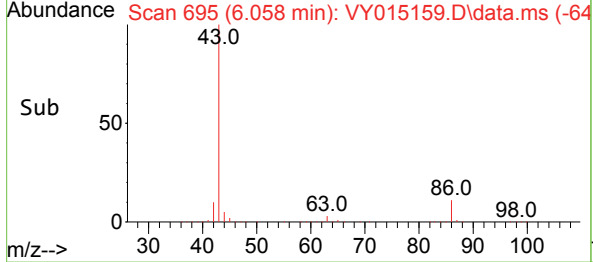
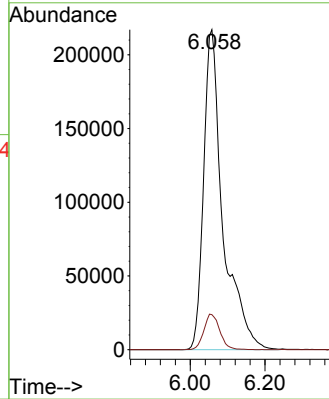
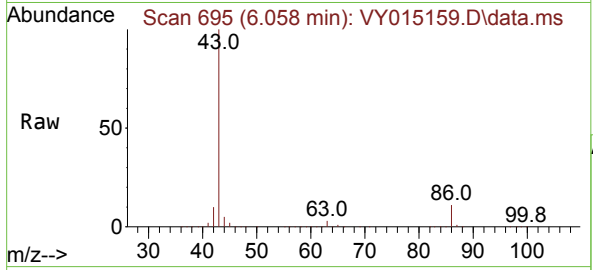




#23
 Vinyl Acetate
 Concen: 236.661 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015159.D
 Acq: 16 Aug 2023 18:50

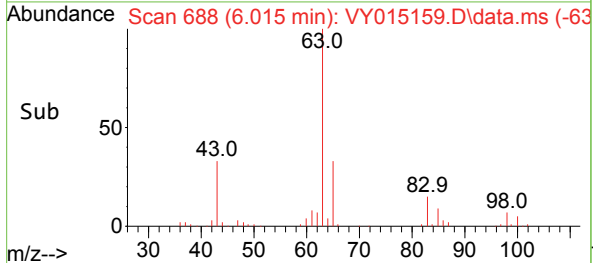
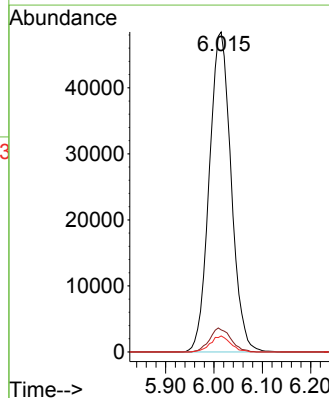
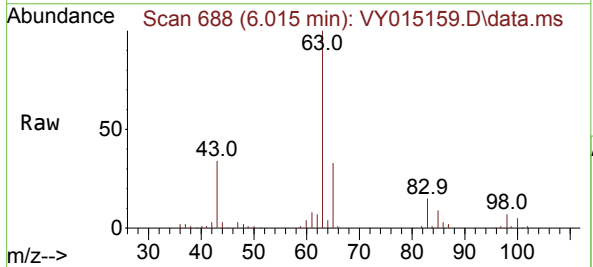
Instrument :
 MSVOA_Y
 ClientSampleId :

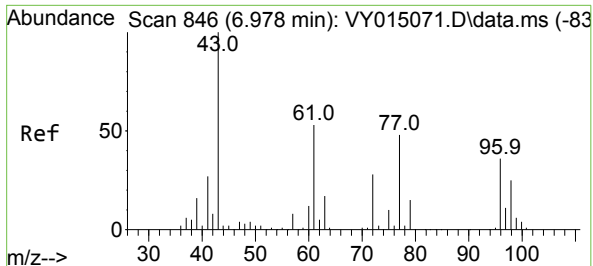
Tgt Ion: 43 Resp: 776947
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 51.047 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015159.D
 Acq: 16 Aug 2023 18:50

Tgt Ion: 63 Resp: 152052
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 251.772 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

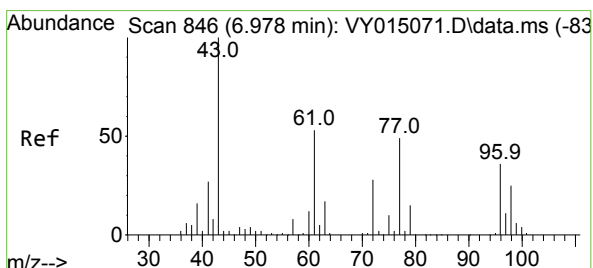
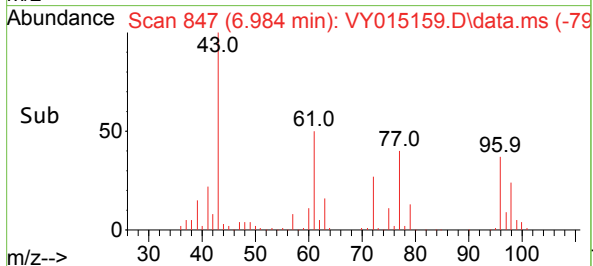
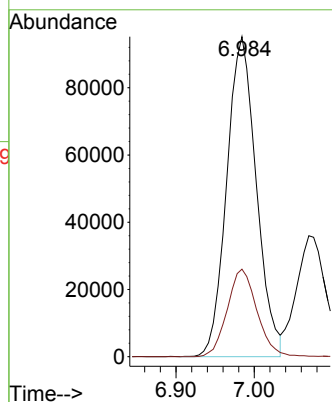
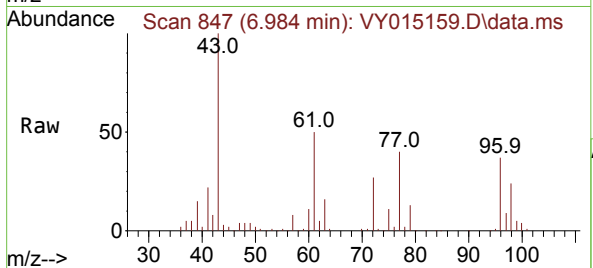
ClientSampleId :

Tgt Ion: 43 Resp: 249852

Ion Ratio Lower Upper

43 100

72 27.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 42.490 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015159.D

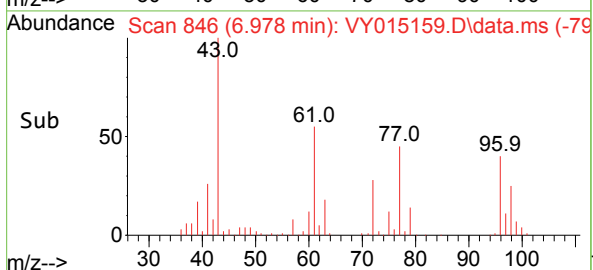
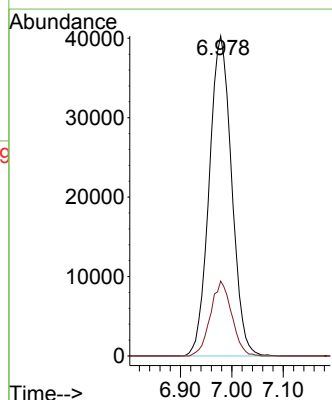
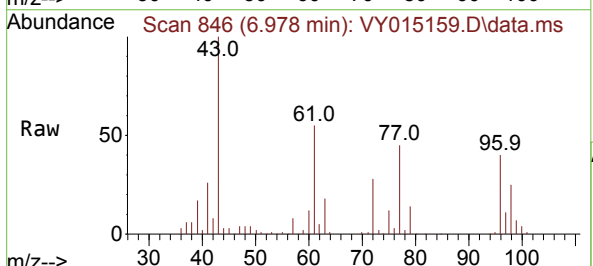
Acq: 16 Aug 2023 18:50

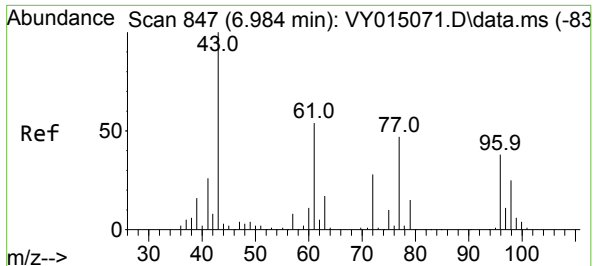
Tgt Ion: 77 Resp: 122011

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.793 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

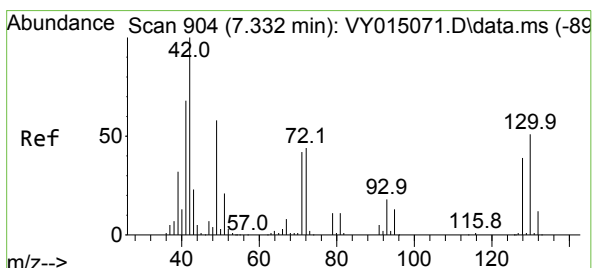
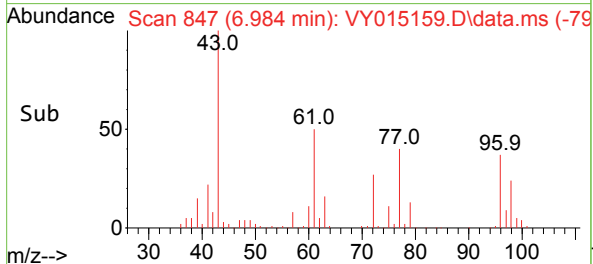
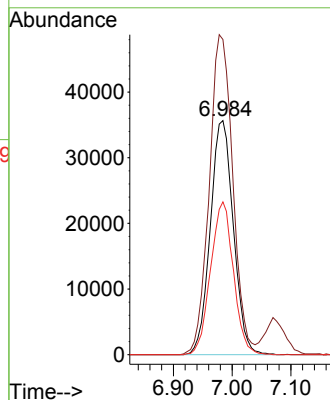
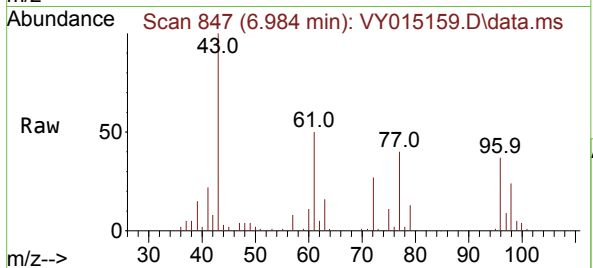
Tgt Ion: 96 Resp: 97332

Ion Ratio Lower Upper

96 100

61 139.4 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 47.683 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

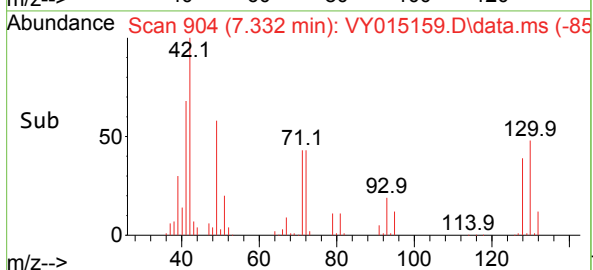
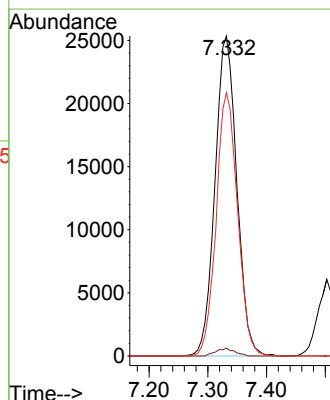
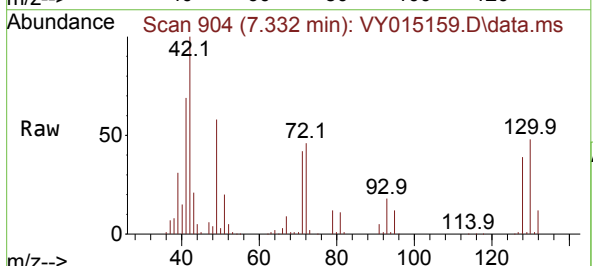
Tgt Ion: 49 Resp: 65255

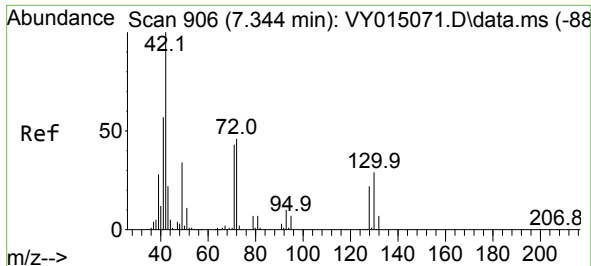
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

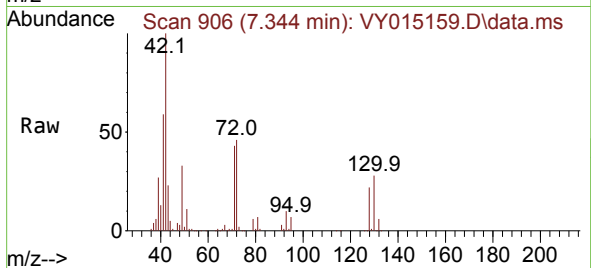
130 80.8 60.7 91.1



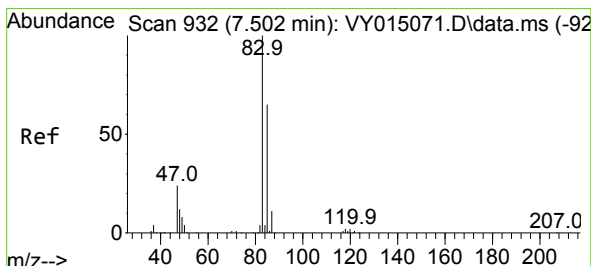
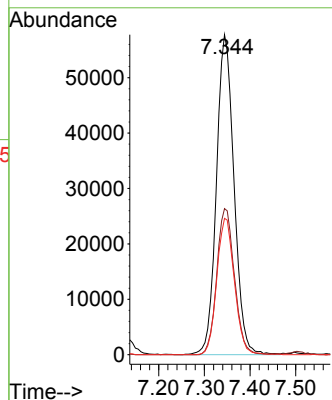
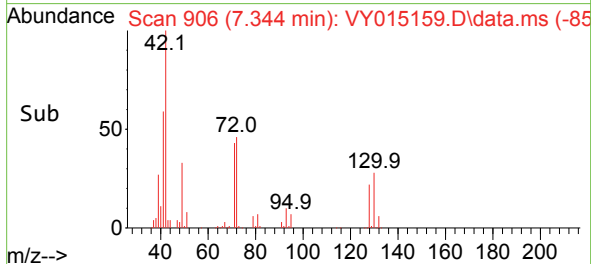


#29
Tetrahydrofuran
Concen: 260.794 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Instrument :
MSVOA_Y
ClientSampleId :

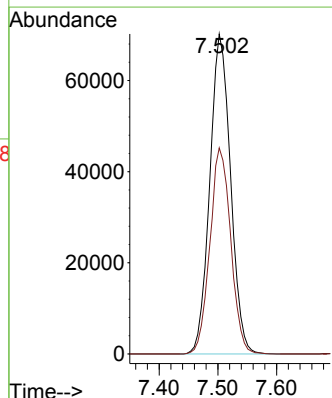
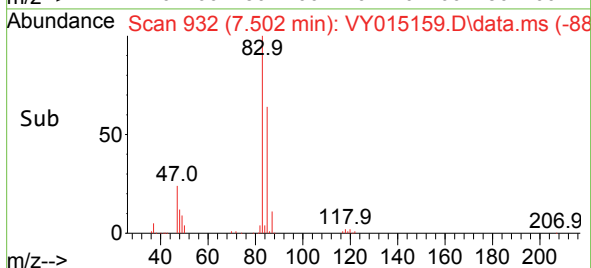
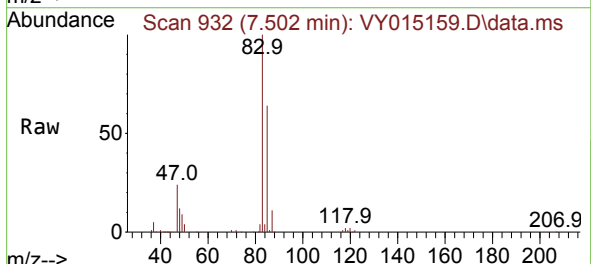


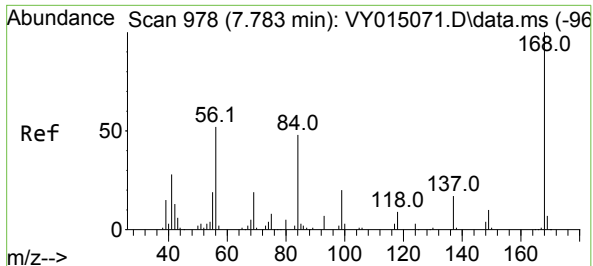
Tgt Ion: 42 Resp: 154751
Ion Ratio Lower Upper
42 100
72 45.9 32.8 49.2
71 42.7 31.0 46.4



#30
Chloroform
Concen: 51.545 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

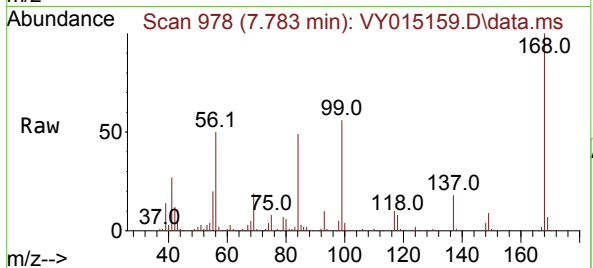
Tgt Ion: 83 Resp: 172119
Ion Ratio Lower Upper
83 100
85 64.4 49.7 74.5



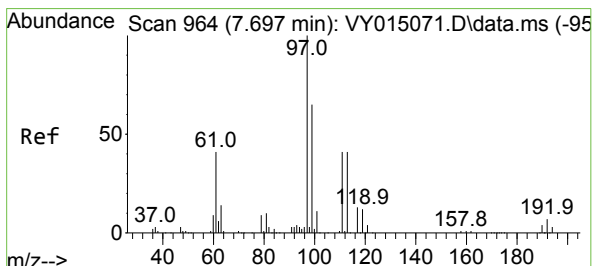
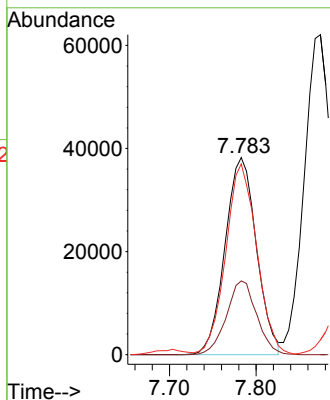
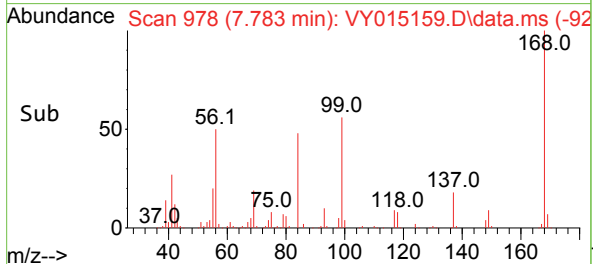


#31
Cyclohexane
Concen: 50.350 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

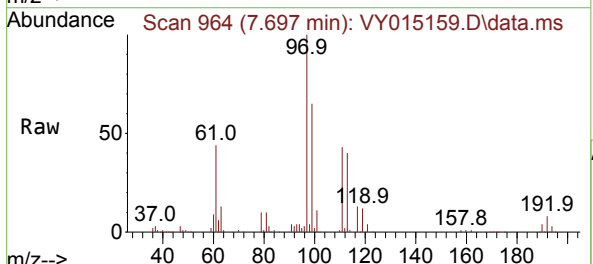
Instrument :
MSVOA_Y
ClientSampleId :



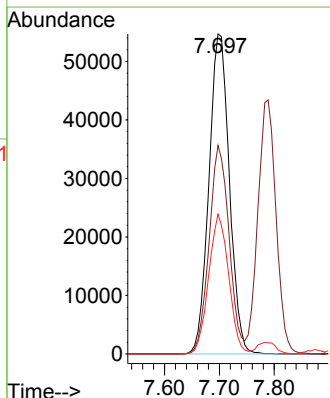
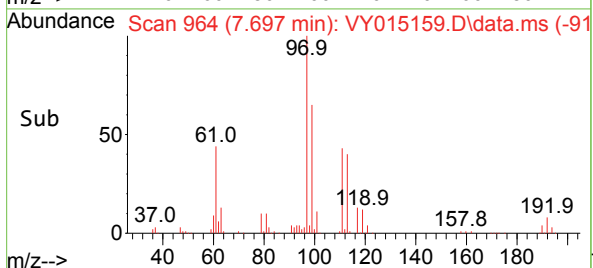
Tgt Ion: 56 Resp: 96454
Ion Ratio Lower Upper
56 100
69 37.4 27.8 41.6
84 94.6 66.4 99.6

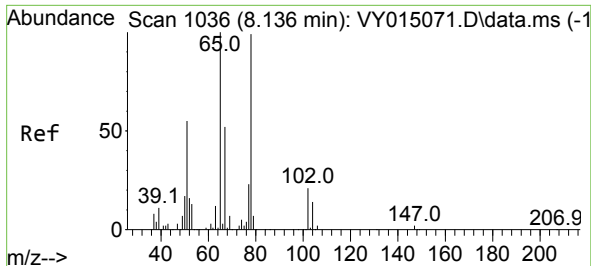


#32
1,1,1-Trichloroethane
Concen: 49.790 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50



Tgt Ion: 97 Resp: 141478
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.274 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

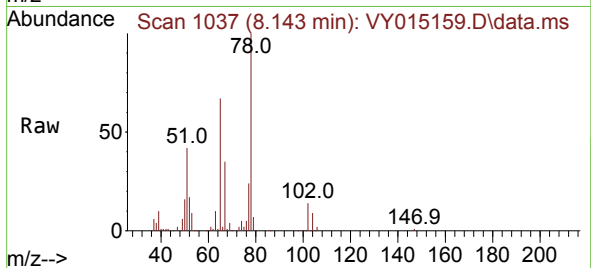
Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

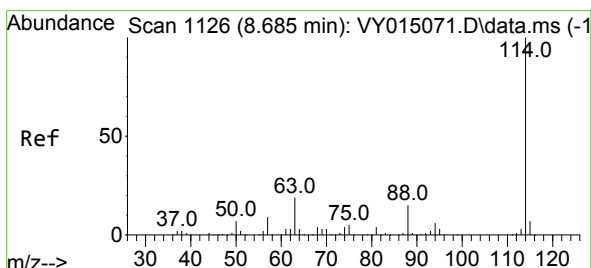
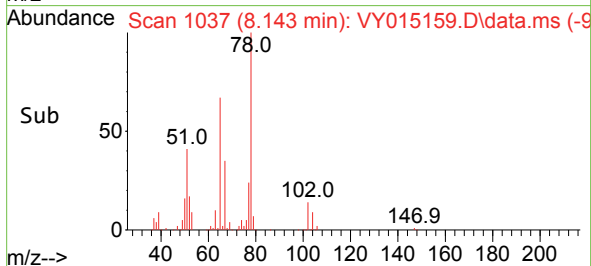
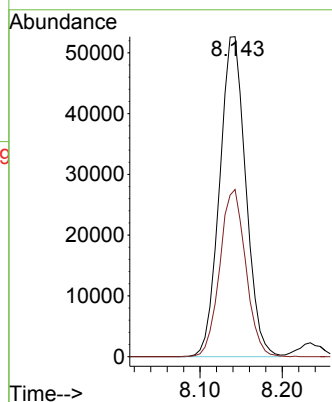


Tgt Ion: 65 Resp: 116441

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

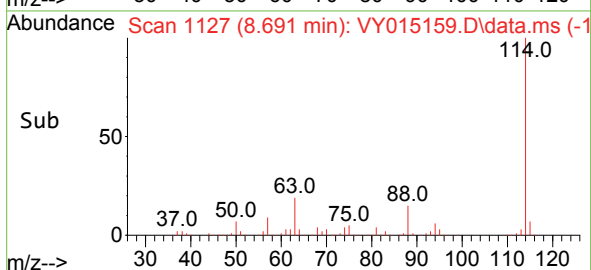
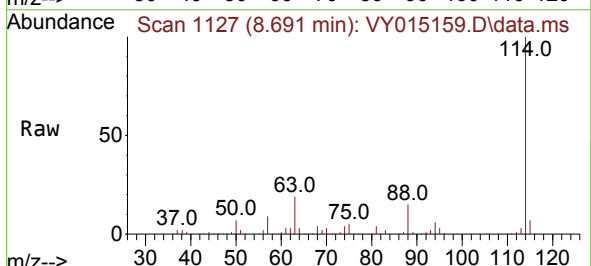
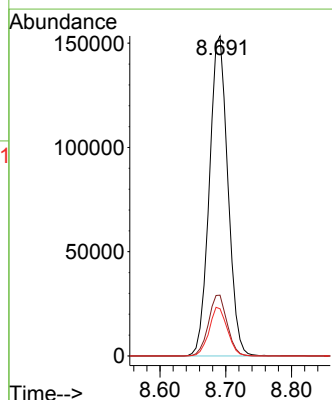
Tgt Ion: 114 Resp: 300666

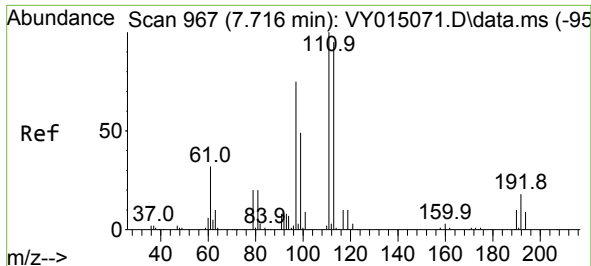
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.7 0.0 30.6

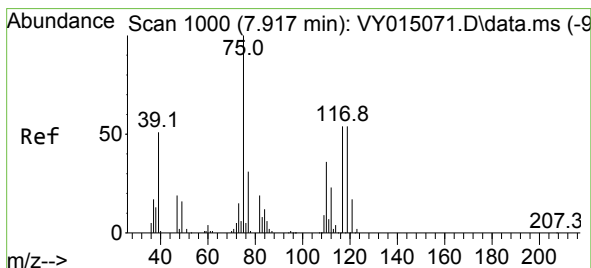
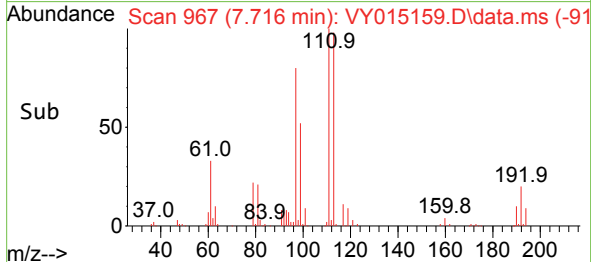
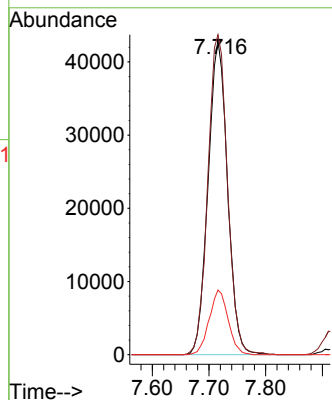
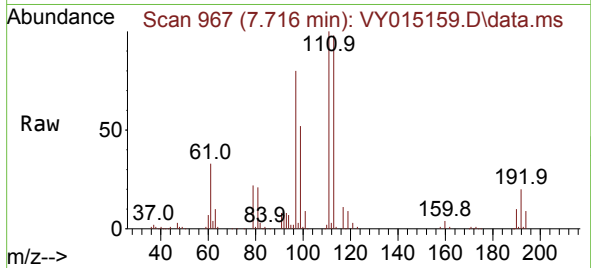




#35
Dibromofluoromethane
Concen: 52.722 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

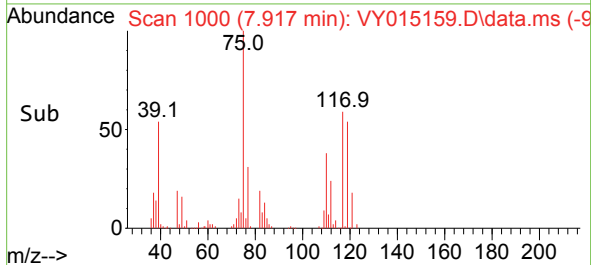
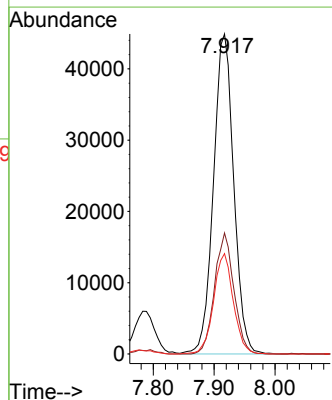
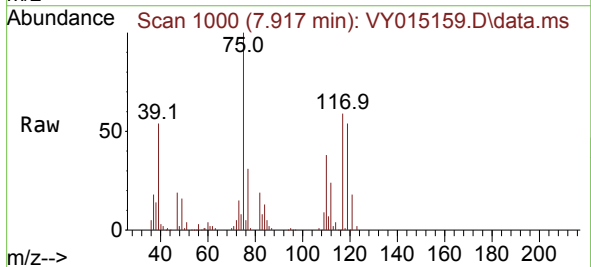
Instrument :
MSVOA_Y
ClientSampleId :

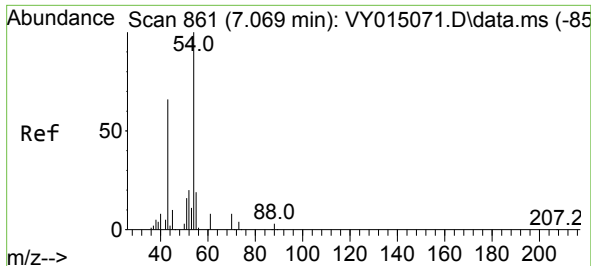
Tgt Ion:113 Resp: 101979
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.477 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 75 Resp: 103738
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.5 24.4 36.6

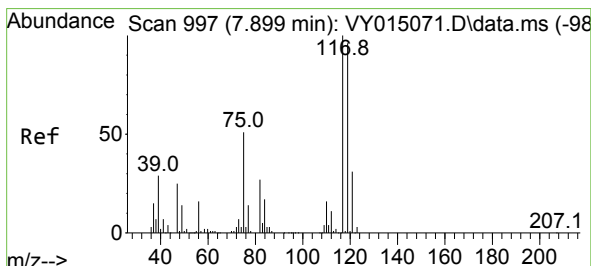
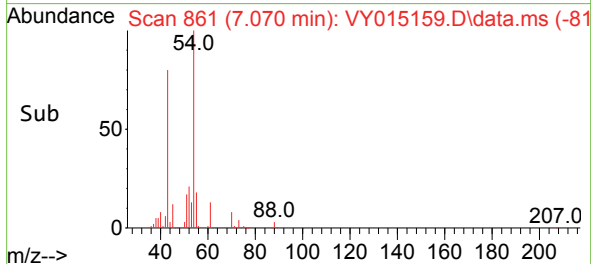
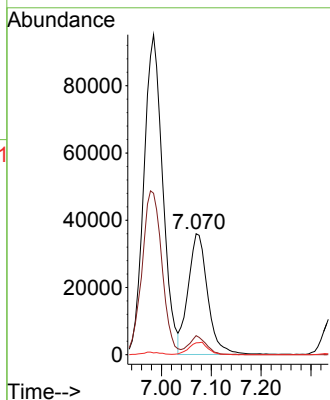
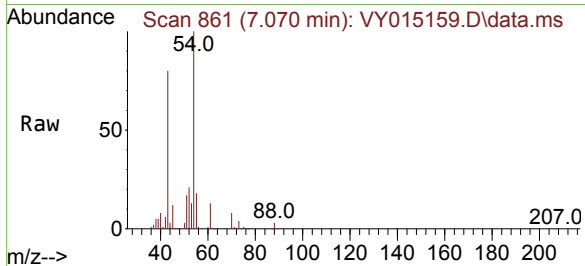




#37
Ethyl Acetate
Concen: 48.993 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

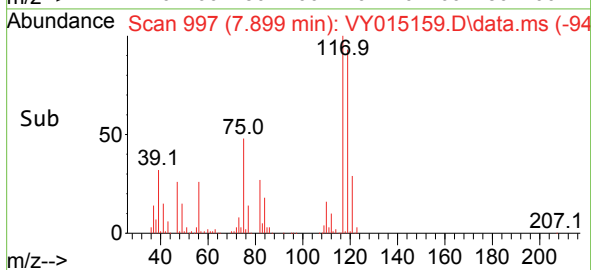
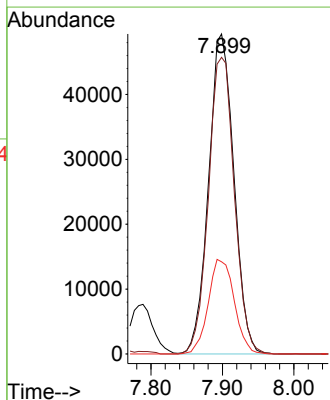
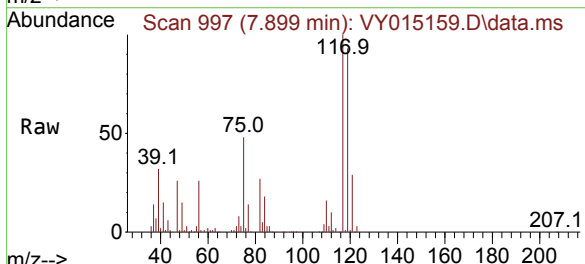
Instrument :
MSVOA_Y
ClientSampleId :

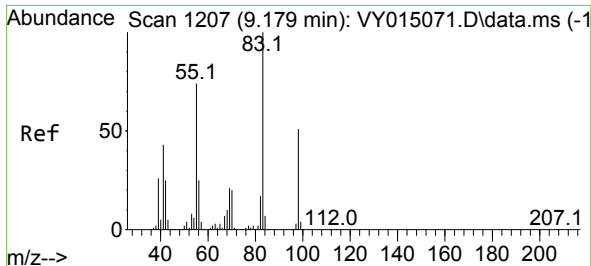
Tgt Ion: 43 Resp: 97726
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 47.972 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 117 Resp: 121494
Ion Ratio Lower Upper
117 100
119 92.7 76.4 114.6
121 28.8 25.8 38.6





#39

Methylcyclohexane

Concen: 47.030 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

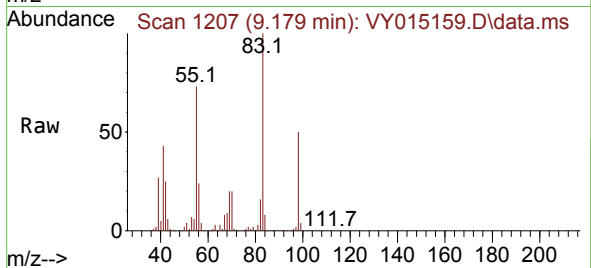
Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :



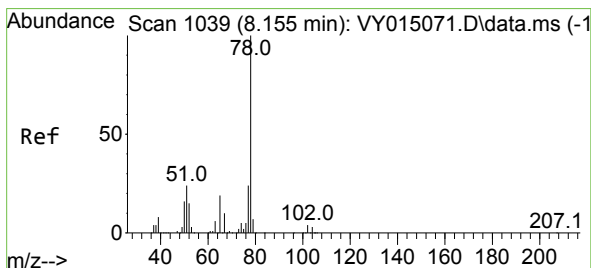
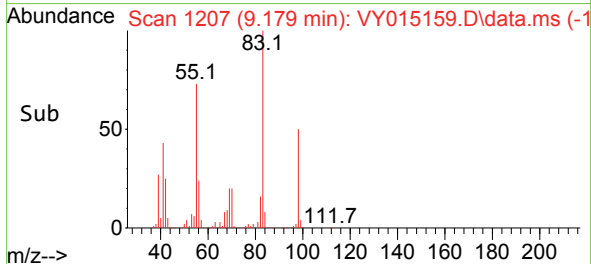
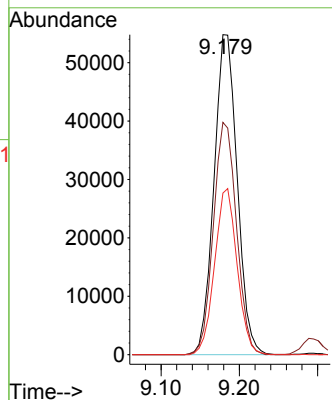
Tgt Ion: 83 Resp: 112822

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 49.473 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015159.D

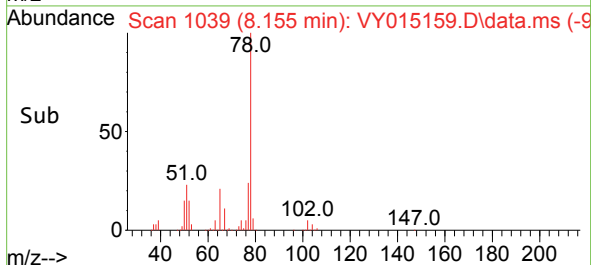
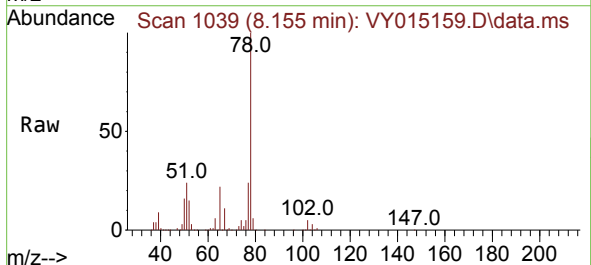
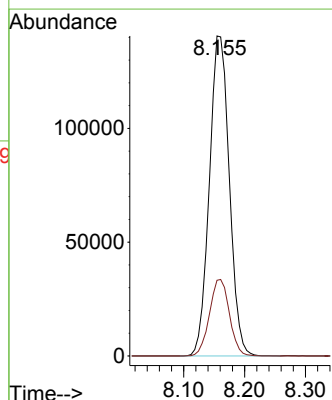
Acq: 16 Aug 2023 18:50

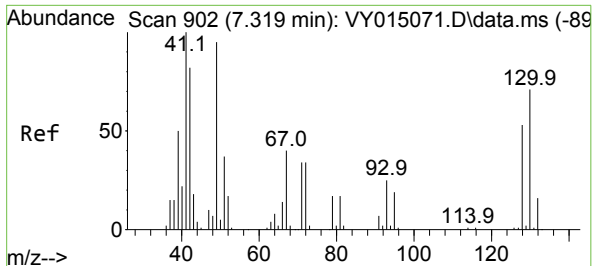
Tgt Ion: 78 Resp: 320082

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

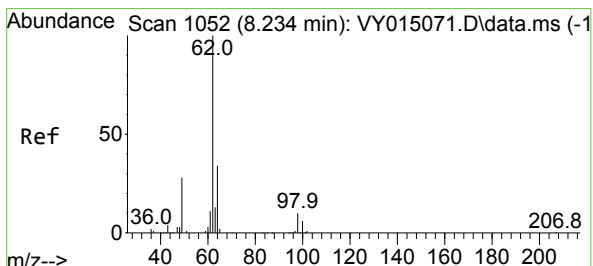
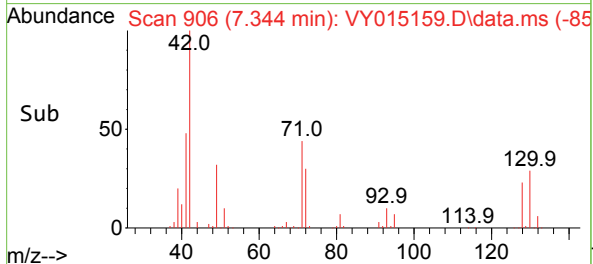
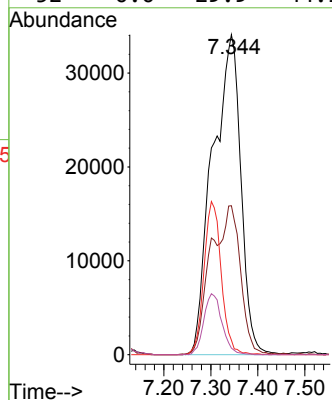
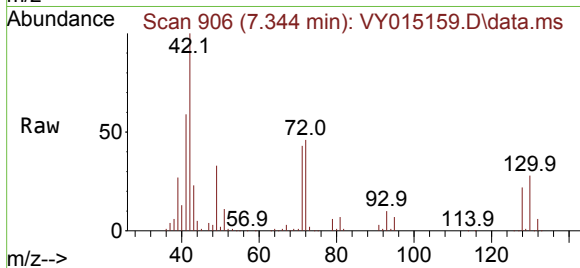




#41
Methacrylonitrile
Concen: 138.110 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

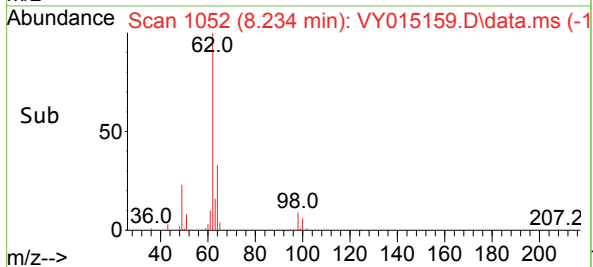
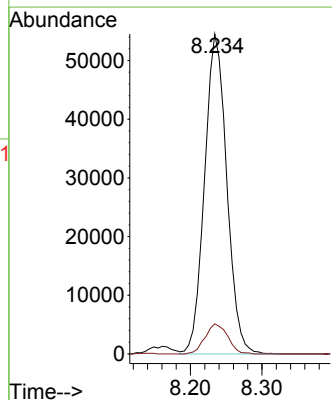
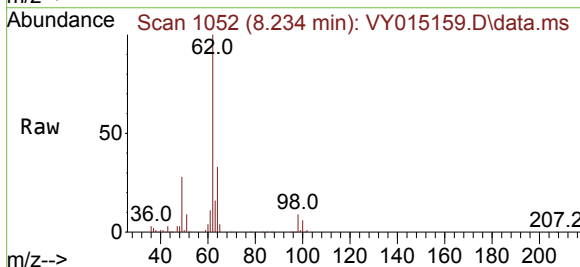
Instrument :
MSVOA_Y
ClientSampleId :

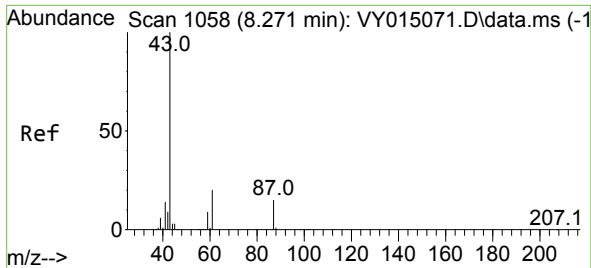
Tgt Ion: 41 Resp: 142054
Ion Ratio Lower Upper
41 100
39 25.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.099 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

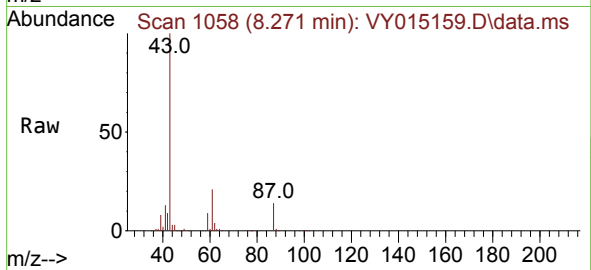
Tgt Ion: 62 Resp: 117715
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8



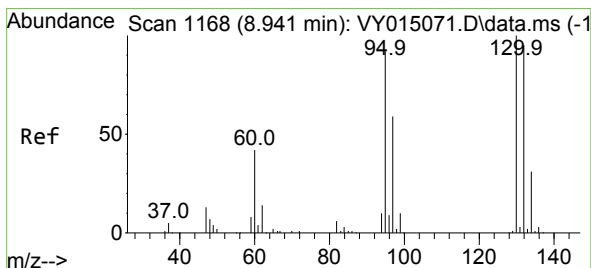
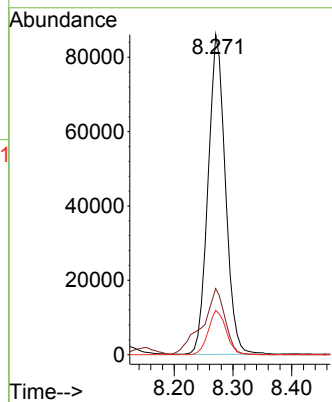
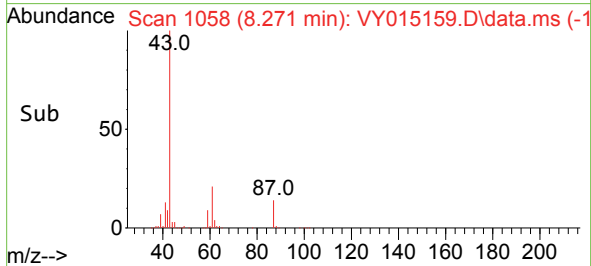


#43
Isopropyl Acetate
Concen: 48.453 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Instrument :
MSVOA_Y
ClientSampleId :

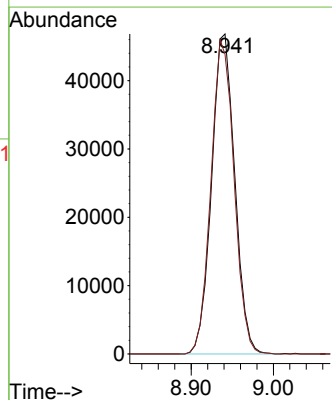
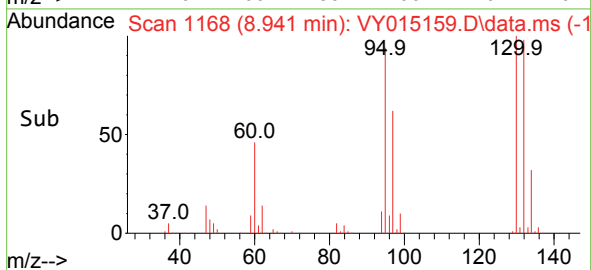
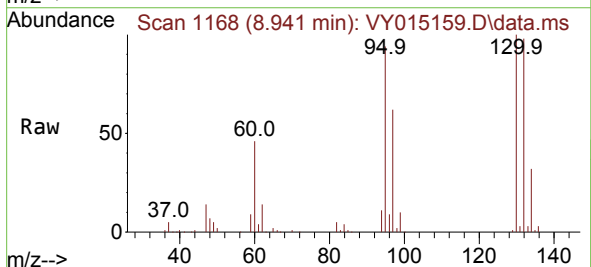


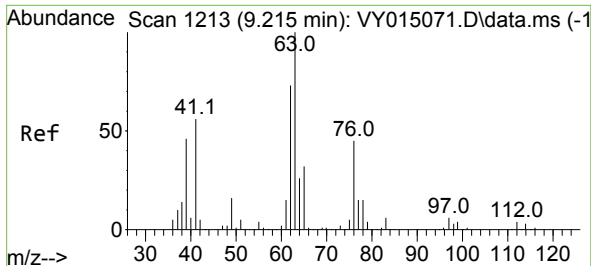
Tgt Ion: 43 Resp: 176002
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 49.184 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion:130 Resp: 91676
Ion Ratio Lower Upper
130 100
95 93.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.011 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

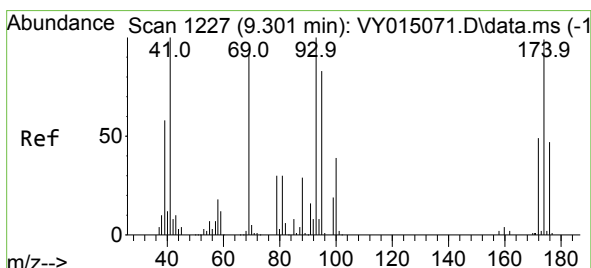
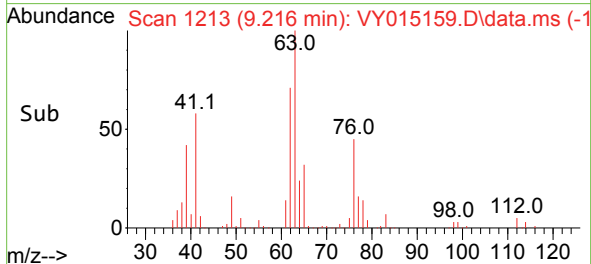
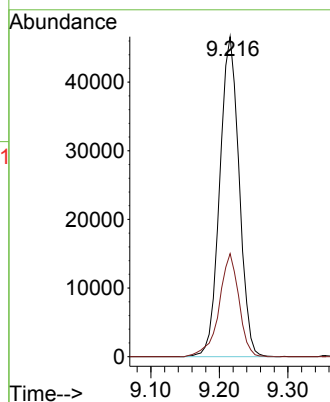
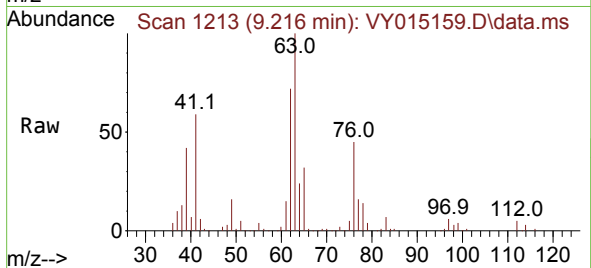
ClientSampleId :

Tgt Ion: 63 Resp: 91239

Ion Ratio Lower Upper

63 100

65 32.2 23.8 35.6



#46

Dibromomethane

Concen: 50.578 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

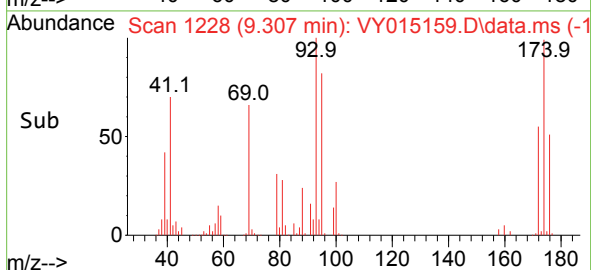
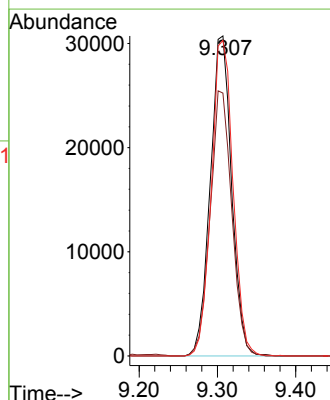
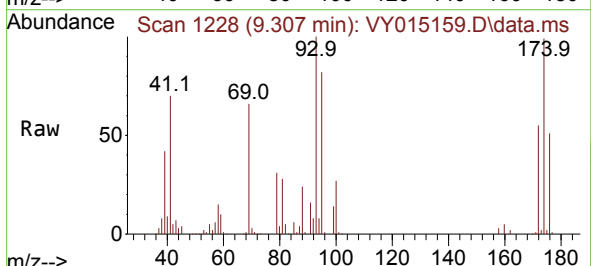
Tgt Ion: 93 Resp: 58197

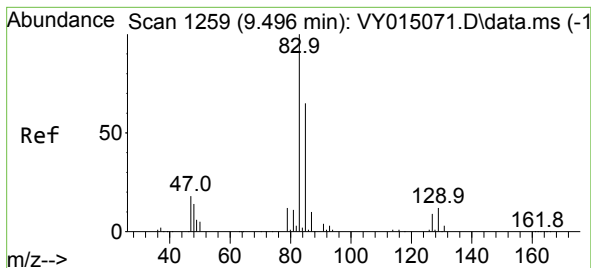
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 100.2 84.8 127.2





#47

Bromodichloromethane

Concen: 50.299 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

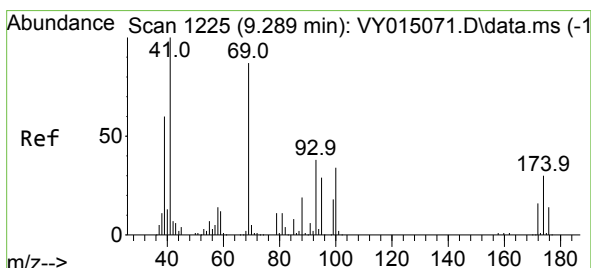
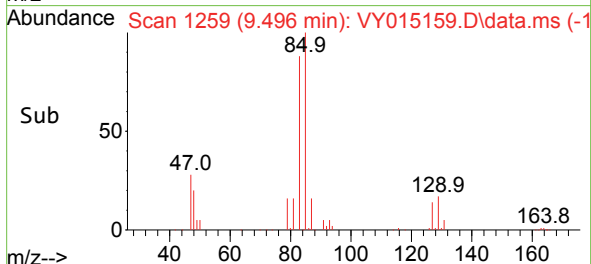
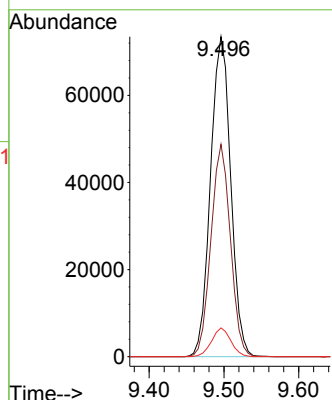
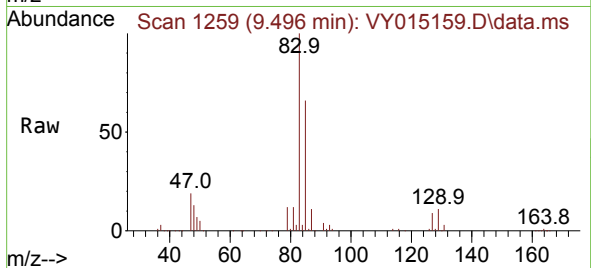
Tgt Ion: 83 Resp: 138108

Ion Ratio Lower Upper

83 100

85 66.3 50.1 75.1

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 51.433 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

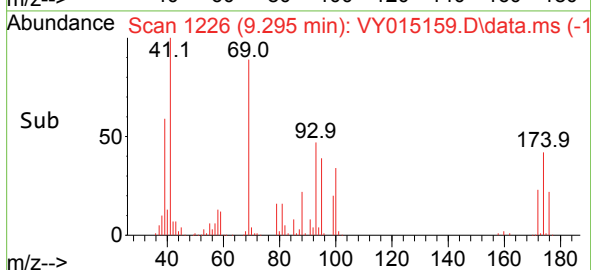
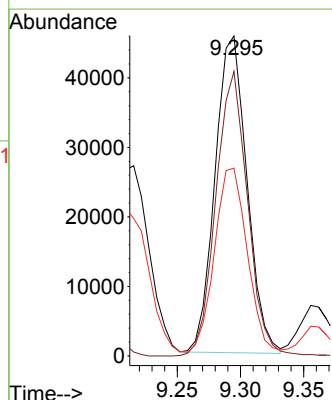
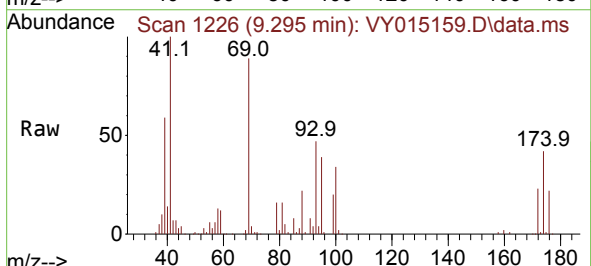
Tgt Ion: 41 Resp: 79921

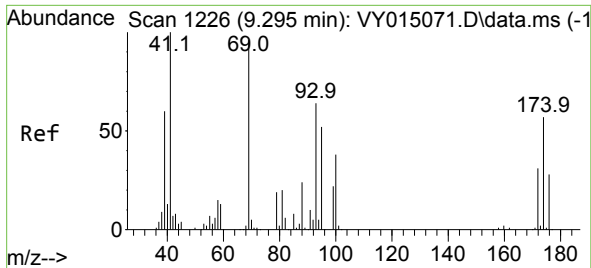
Ion Ratio Lower Upper

41 100

69 89.4 64.5 96.7

39 62.0 50.8 76.2

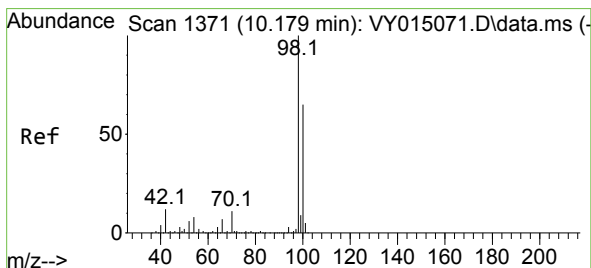
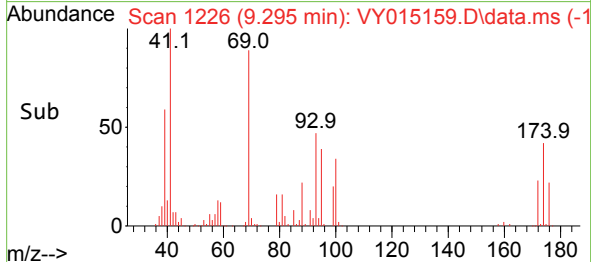
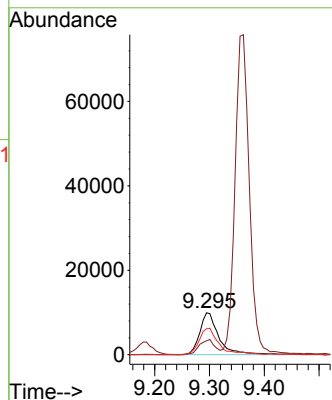
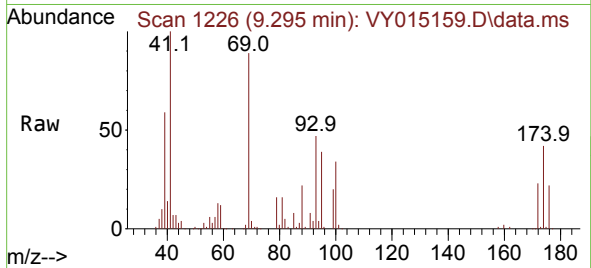




#49
1,4-Dioxane
Concen: 1042.721 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

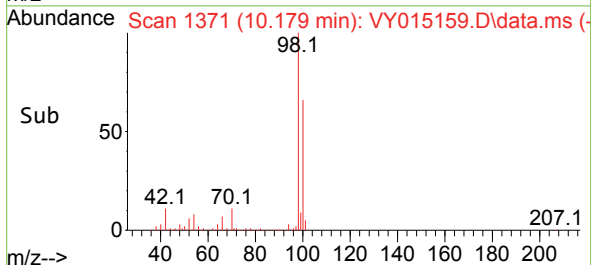
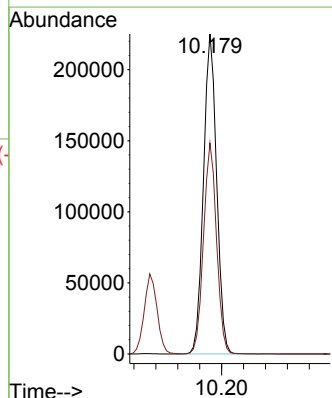
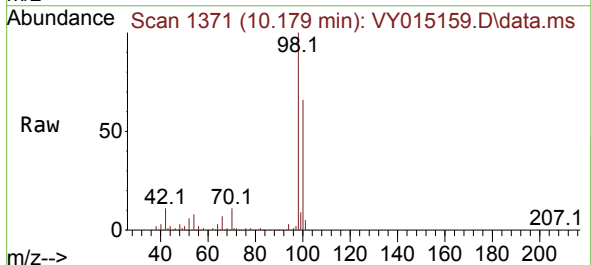
Instrument :
MSVOA_Y
ClientSampleId :

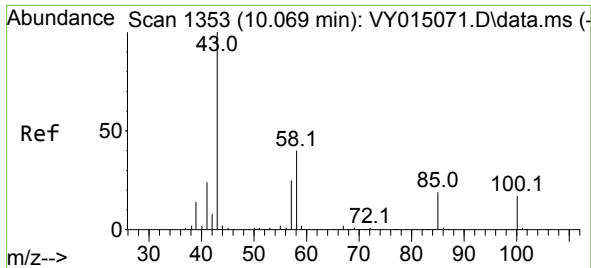
Tgt Ion: 88 Resp: 23992
Ion Ratio Lower Upper
88 100
43 29.9 0.0 0.0#
58 65.3 30.9 46.3#



#50
Toluene-d8
Concen: 51.934 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 98 Resp: 373950
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

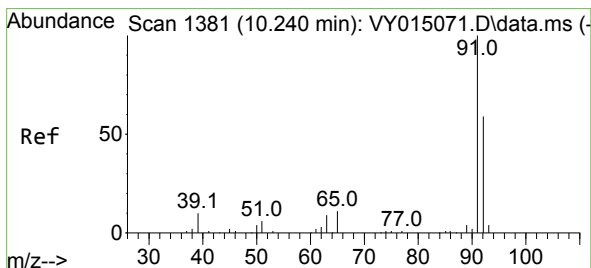
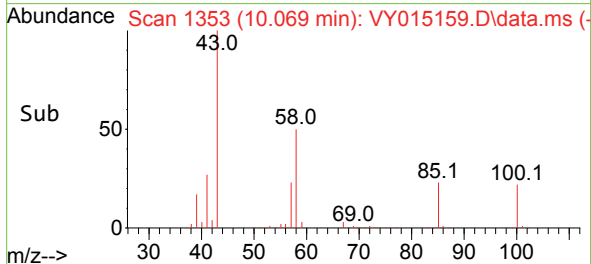
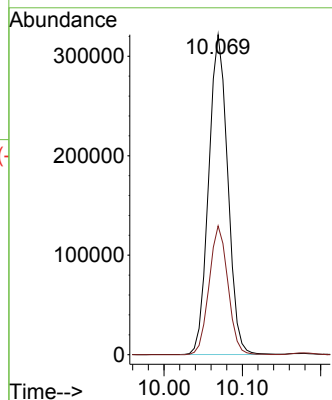
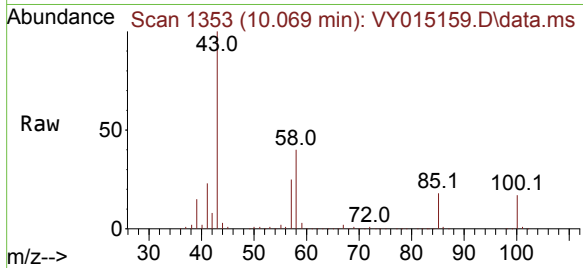




#51
4-Methyl-2-Pentanone
Concen: 258.307 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

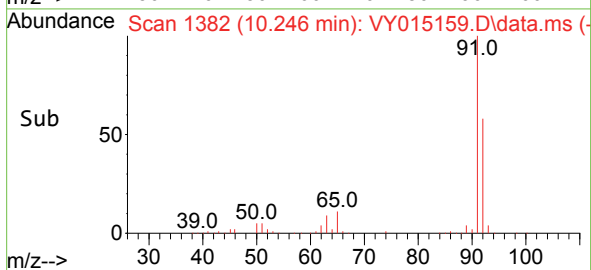
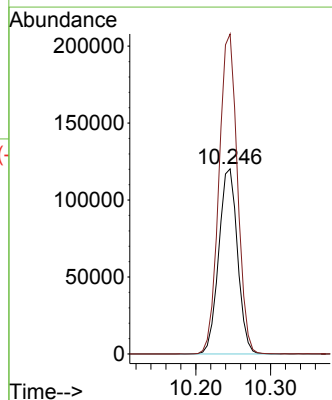
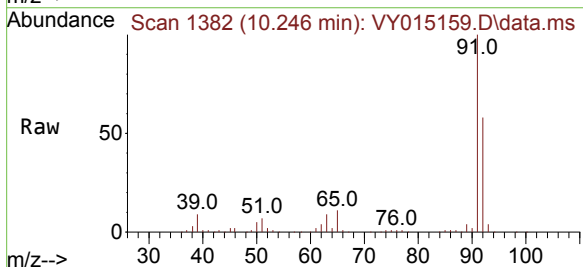
Instrument :
MSVOA_Y
ClientSampleId :

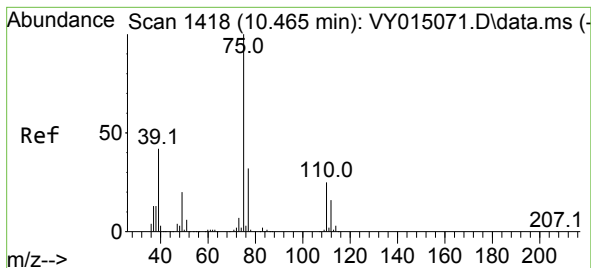
Tgt Ion: 43 Resp: 543791
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 49.278 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 92 Resp: 210139
Ion Ratio Lower Upper
92 100
91 170.6 143.8 215.6

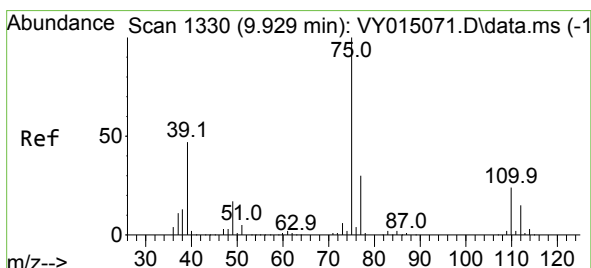
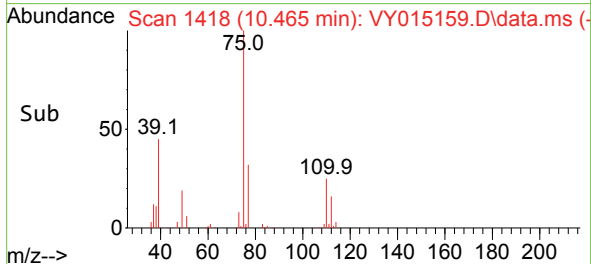
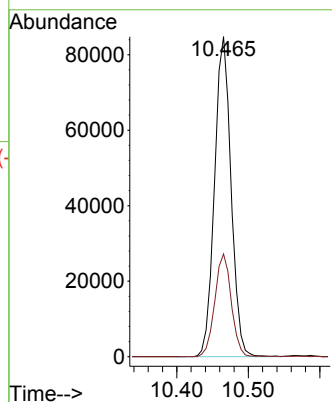
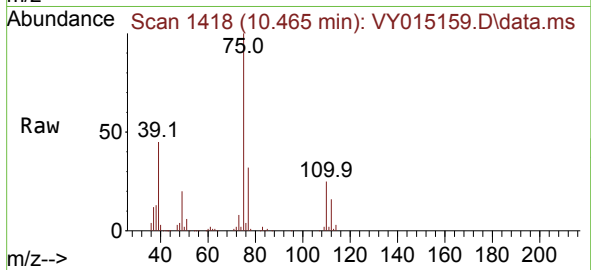




#53
t-1,3-Dichloropropene
Concen: 47.020 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

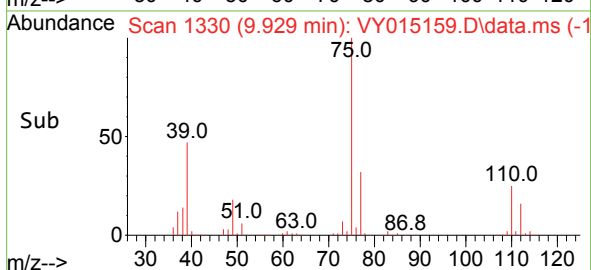
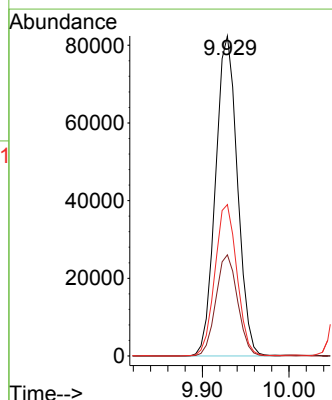
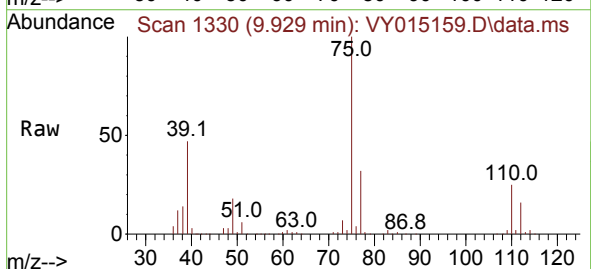
Instrument :
MSVOA_Y
ClientSampleId :

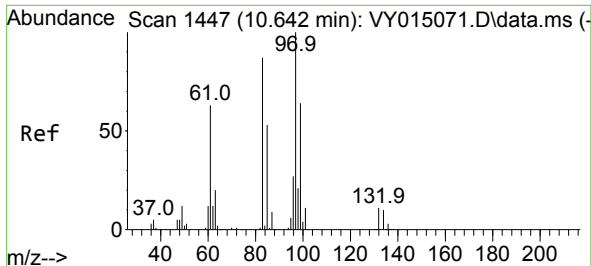
Tgt Ion: 75 Resp: 135681
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 47.616 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 75 Resp: 144705
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 47.3 42.2 63.4

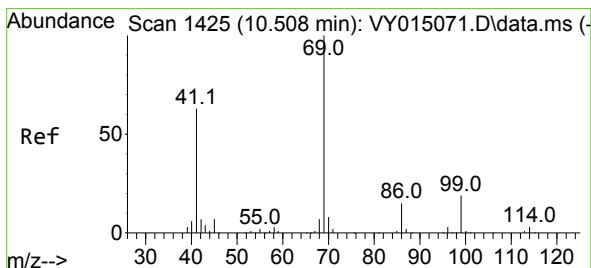
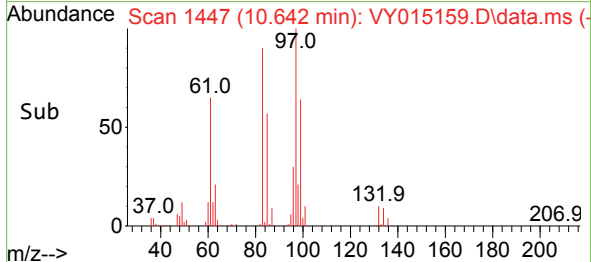
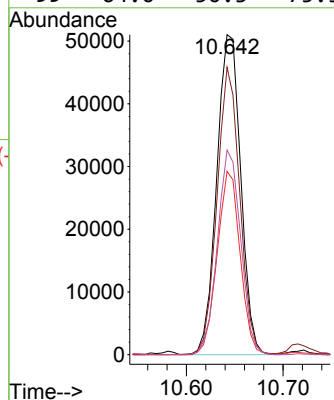
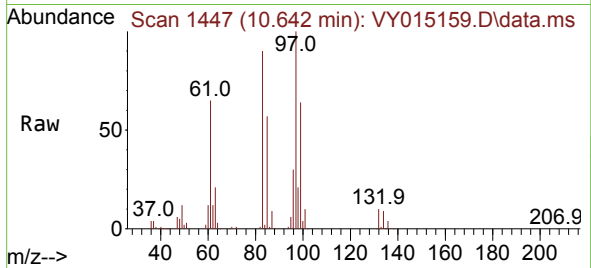




#55
1,1,2-Trichloroethane
Concen: 50.379 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

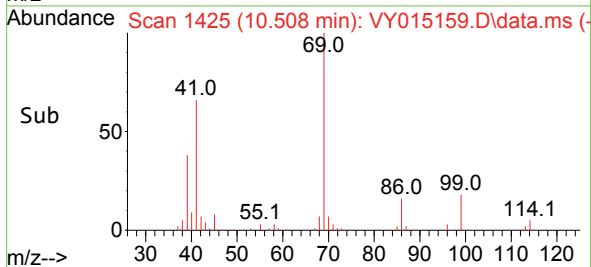
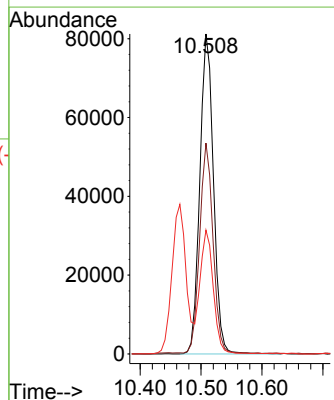
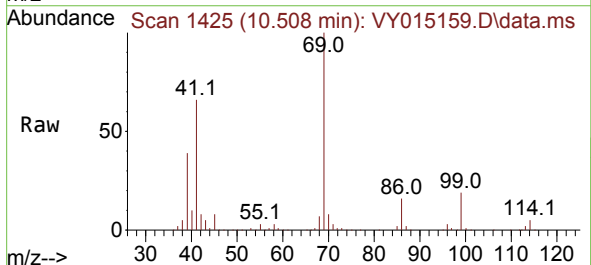
Instrument :
MSVOA_Y
ClientSampleId :

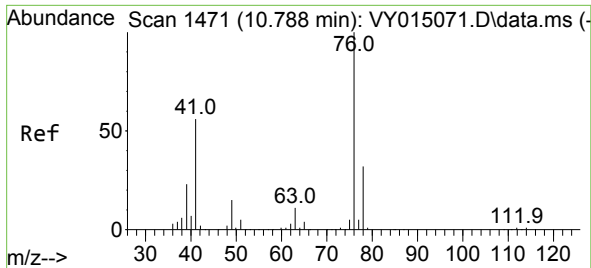
Tgt Ion:	97	Resp:	88142
Ion	Ratio	Lower	Upper
97	100		
83	89.8	72.0	108.0
85	57.3	45.4	68.0
99	64.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.386 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion:	69	Resp:	126452
Ion	Ratio	Lower	Upper
69	100		
41	64.6	57.6	86.4
39	36.7	34.1	51.1

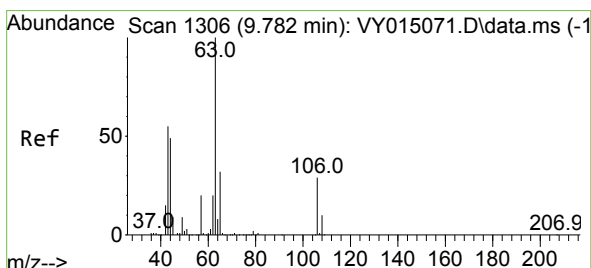
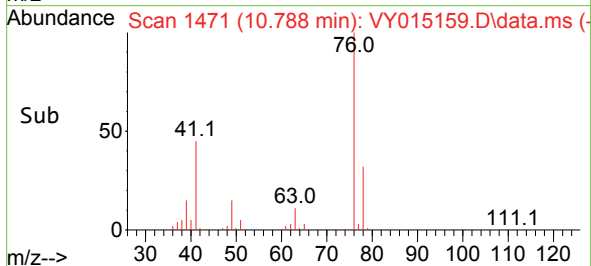
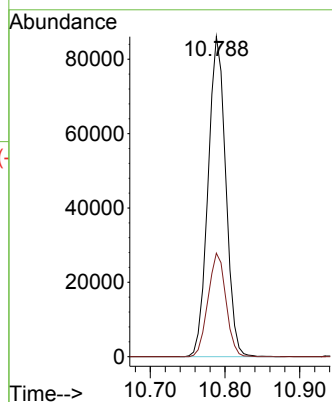
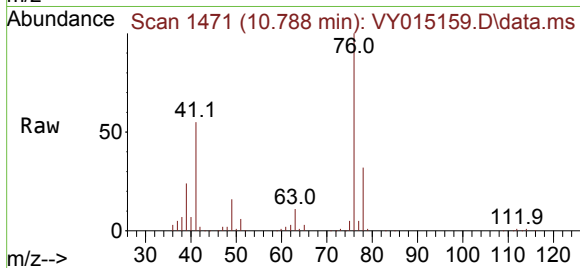




#57
1,3-Dichloropropane
Concen: 49.597 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

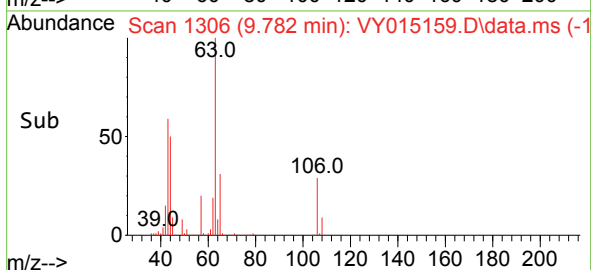
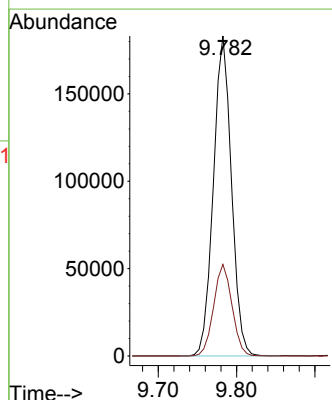
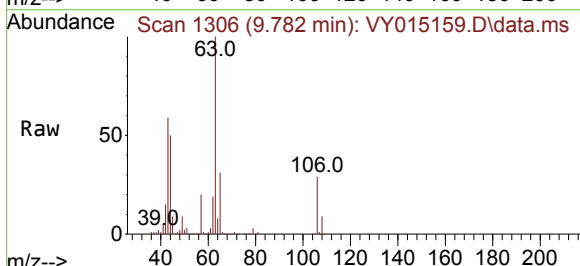
Instrument :
MSVOA_Y
ClientSampleId :

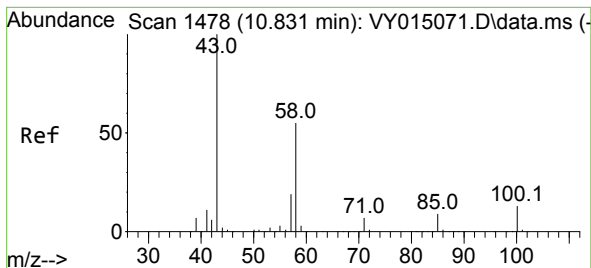
Tgt Ion: 76 Resp: 141769
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 245.918 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 63 Resp: 293034
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

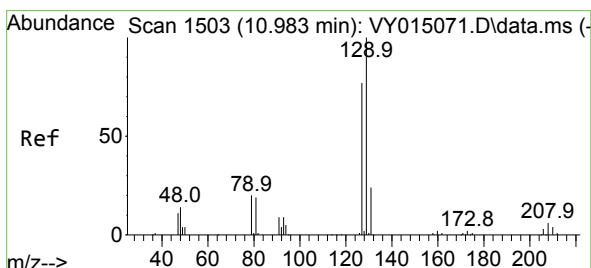
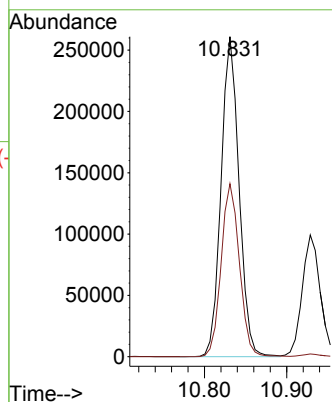
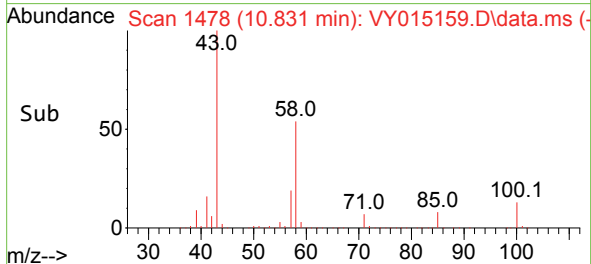
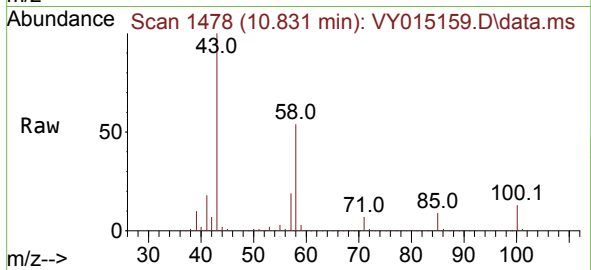




#59
2-Hexanone
Concen: 253.988 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

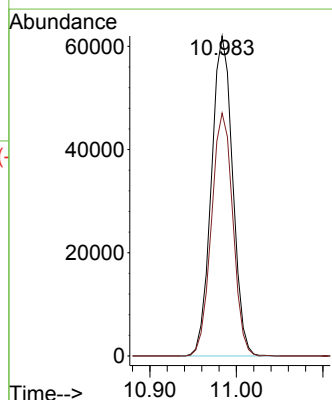
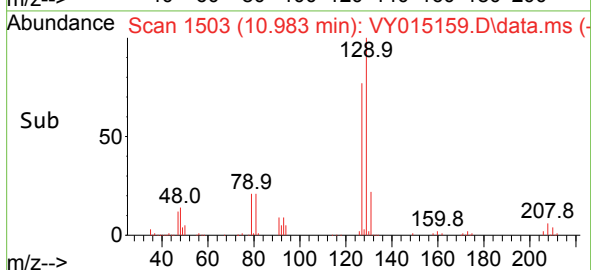
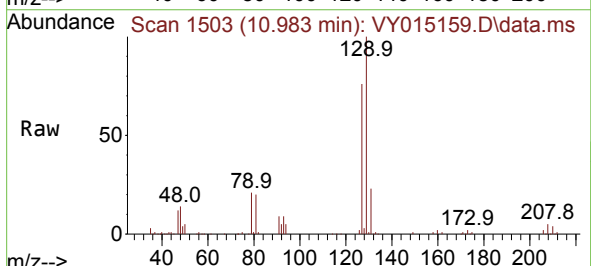
Instrument :
MSVOA_Y
ClientSampleId :

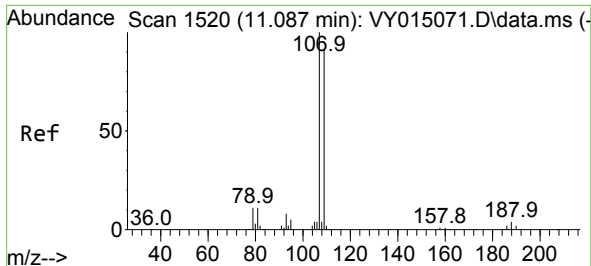
Tgt Ion: 43 Resp: 395733
Ion Ratio Lower Upper
43 100
58 55.0 25.1 75.3



#60
Dibromochloromethane
Concen: 50.696 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion:129 Resp: 105804
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

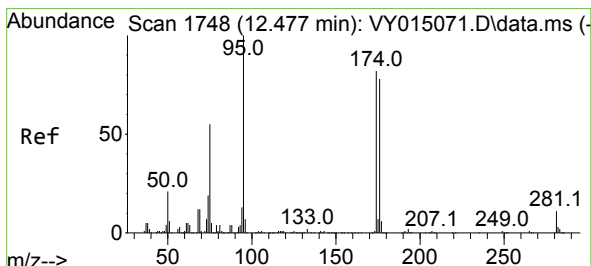
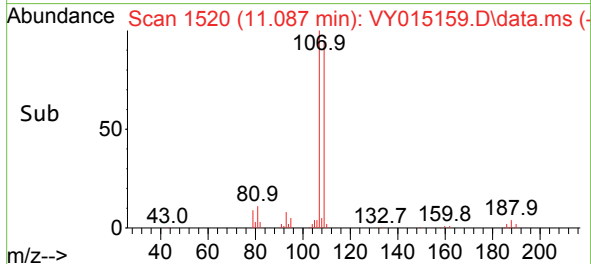
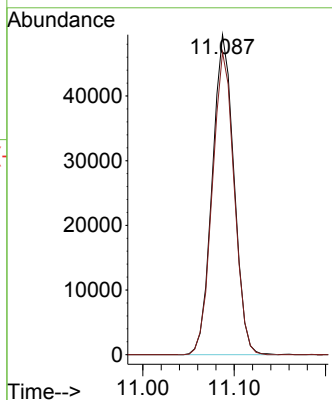
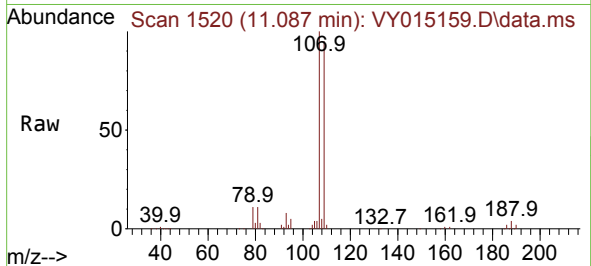




#61
1,2-Dibromoethane
Concen: 49.067 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

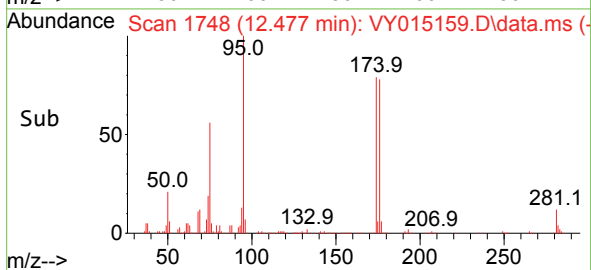
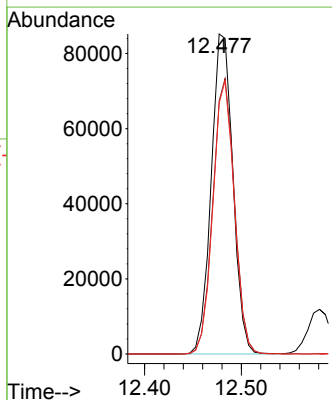
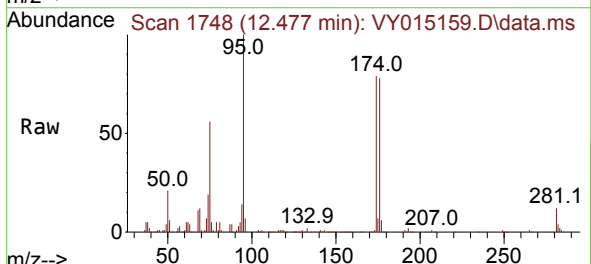
Instrument :
MSVOA_Y
ClientSampleId :

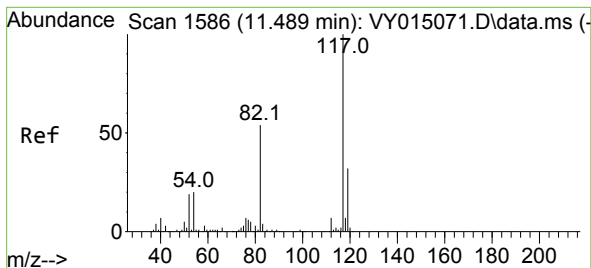
Tgt Ion:107 Resp: 81551
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.360 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 95 Resp: 132445
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

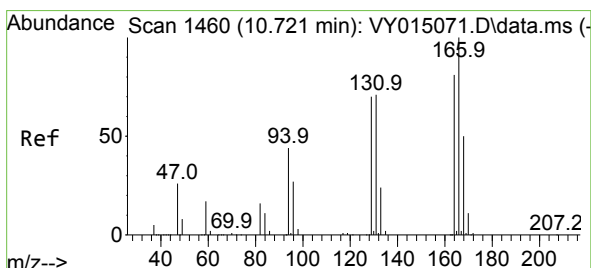
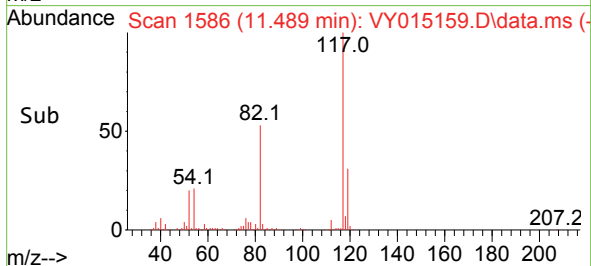
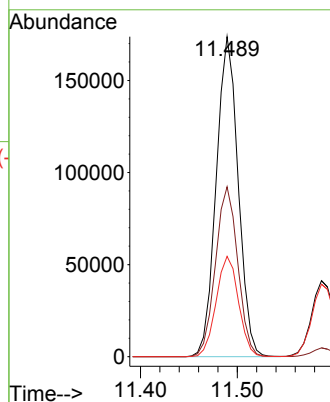
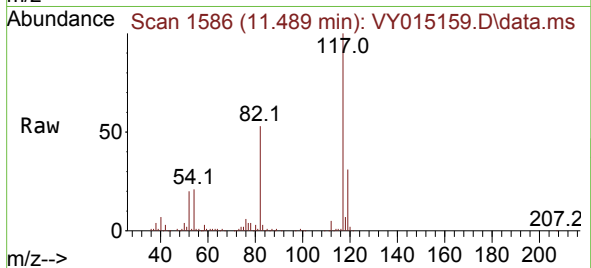
Tgt Ion:117 Resp: 273646

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 54.504 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Tgt Ion:164 Resp: 103911

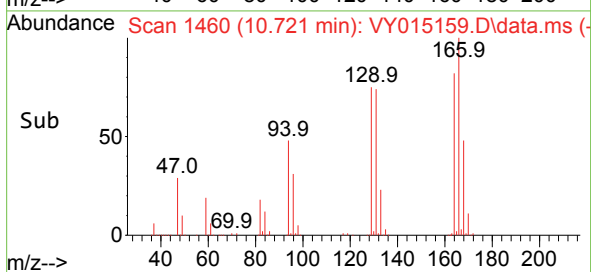
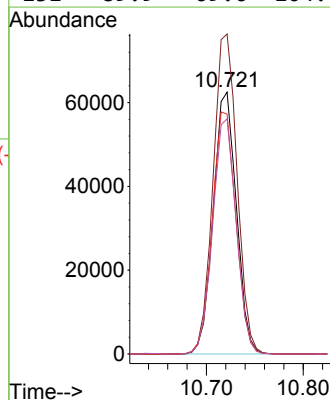
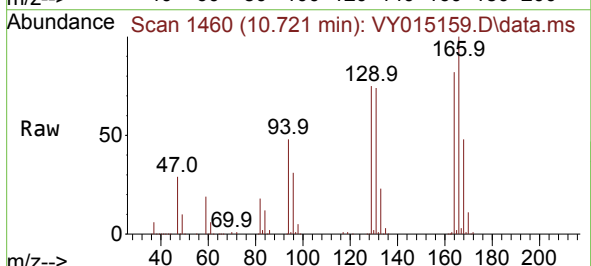
Ion Ratio Lower Upper

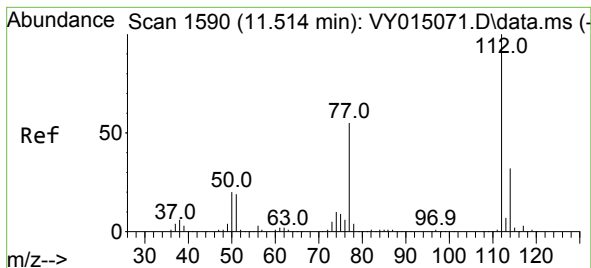
164 100

166 122.3 103.0 154.6

129 91.6 77.2 115.8

131 89.9 69.6 104.4

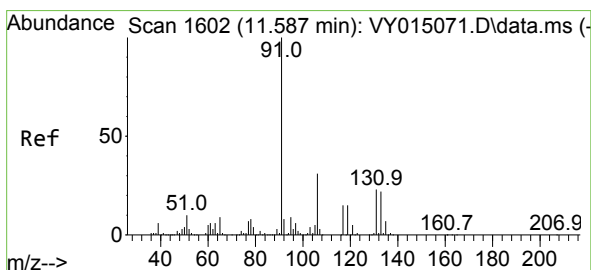
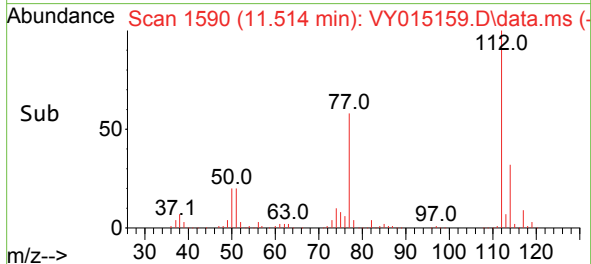
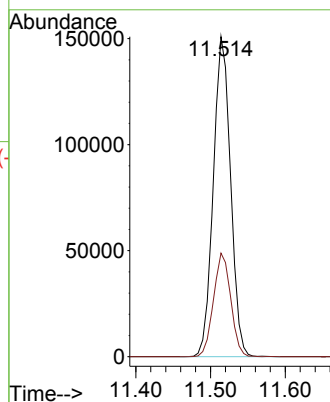
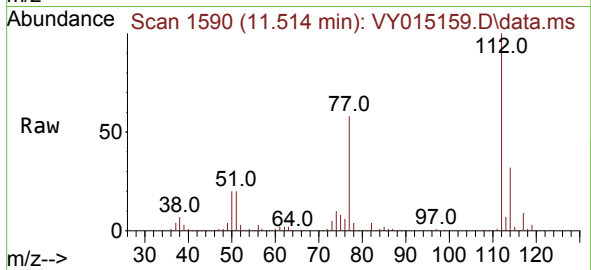




#65
Chlorobenzene
Concen: 48.699 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

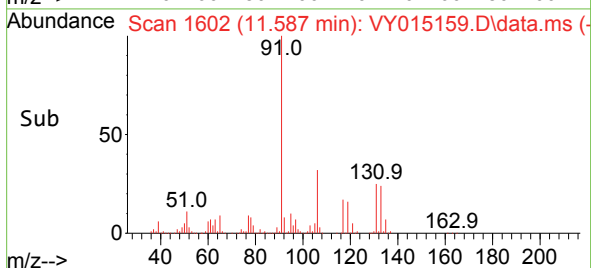
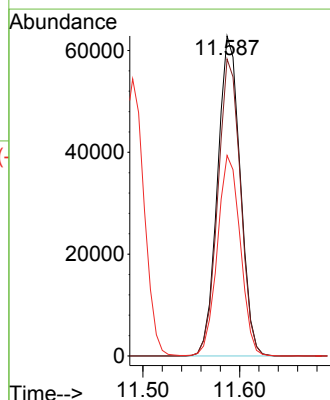
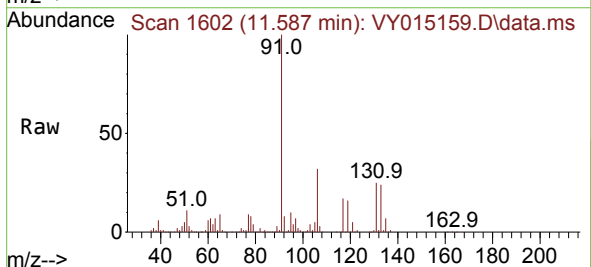
Instrument :
MSVOA_Y
ClientSampleId :

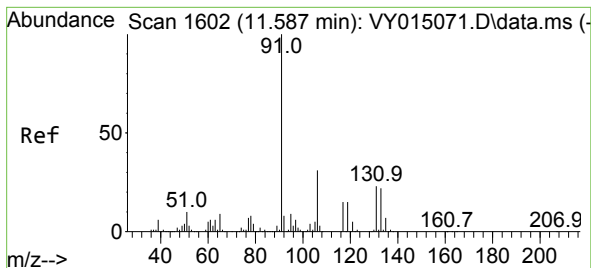
Tgt Ion:112 Resp: 242808
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.600 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion:131 Resp: 102366
Ion Ratio Lower Upper
131 100
133 92.7 47.5 142.6
119 63.3 31.6 94.7





#67

Ethyl Benzene

Concen: 48.171 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

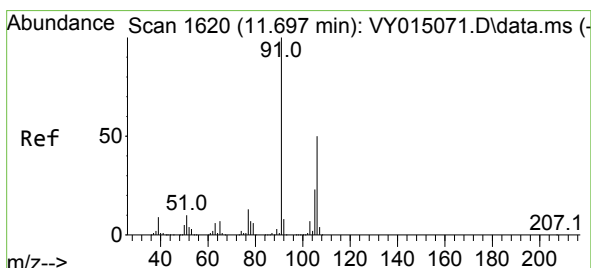
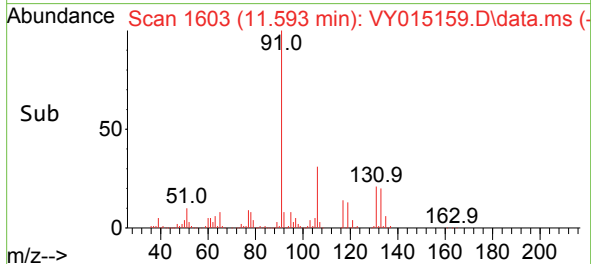
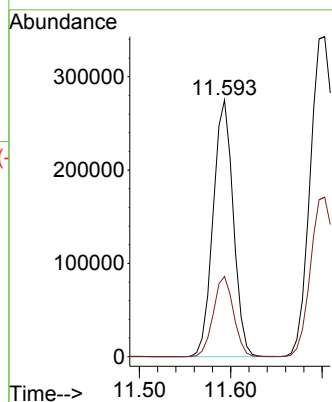
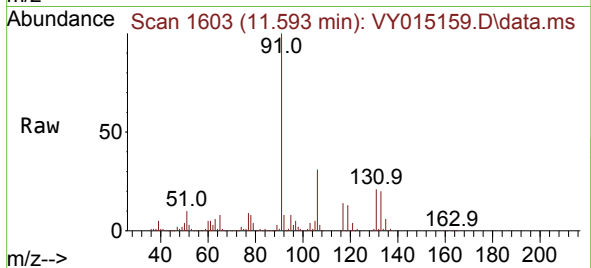
ClientSampleId :

Tgt Ion: 91 Resp: 420806

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 96.684 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015159.D

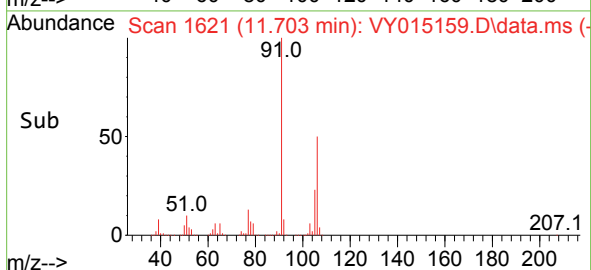
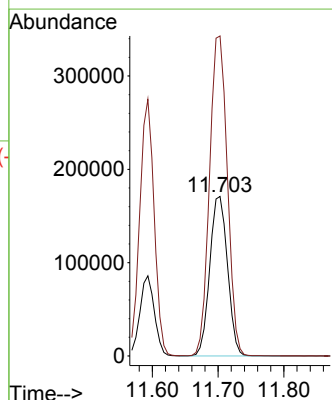
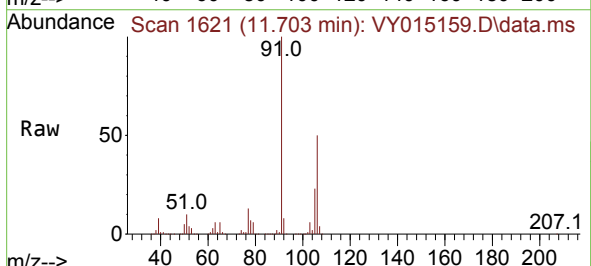
Acq: 16 Aug 2023 18:50

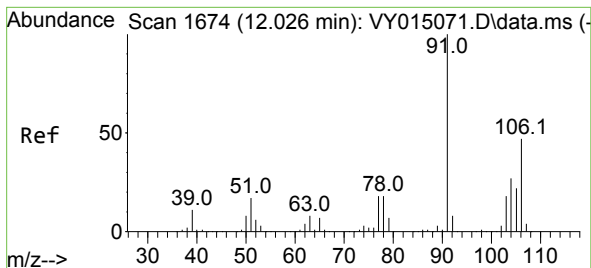
Tgt Ion:106 Resp: 320781

Ion Ratio Lower Upper

106 100

91 201.2 166.1 249.1





#69

o-Xylene

Concen: 48.372 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

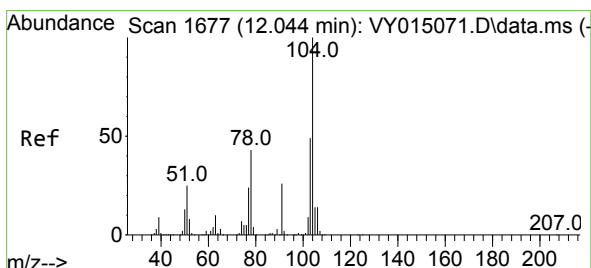
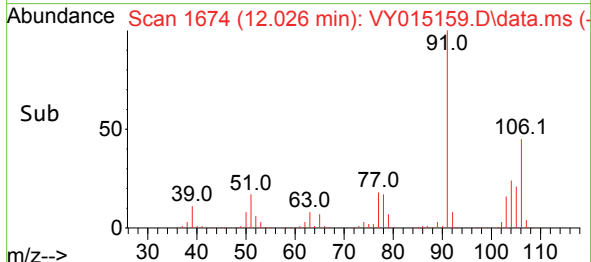
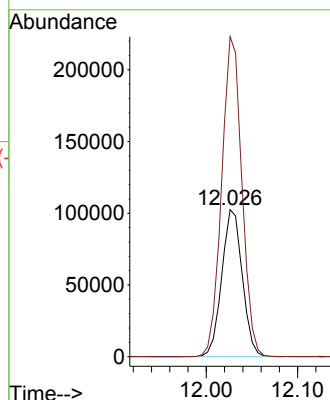
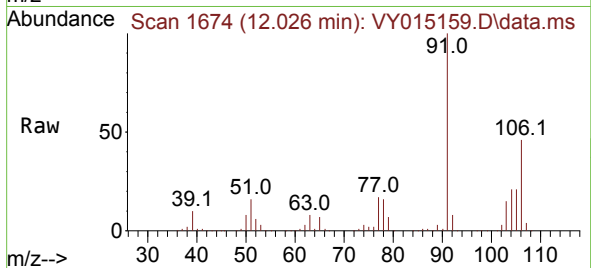
ClientSampleId :

Tgt Ion:106 Resp: 159879

Ion Ratio Lower Upper

106 100

91 214.9 108.1 324.3



#70

Styrene

Concen: 49.467 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

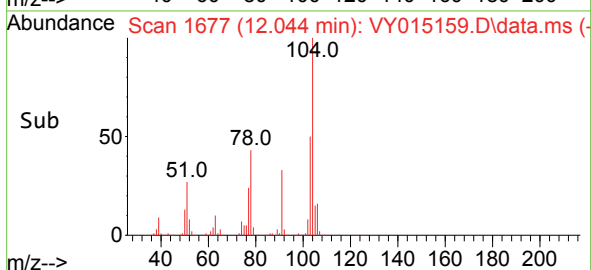
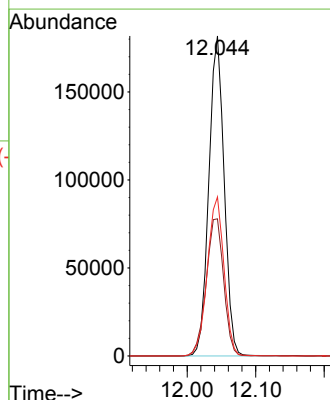
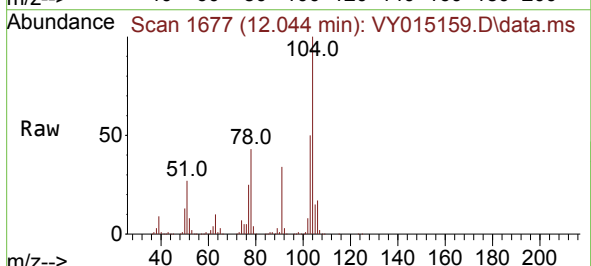
Tgt Ion:104 Resp: 282976

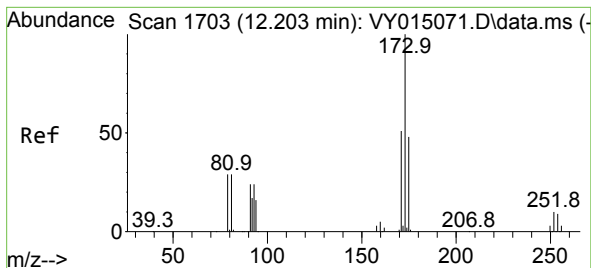
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 49.491 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015159.D

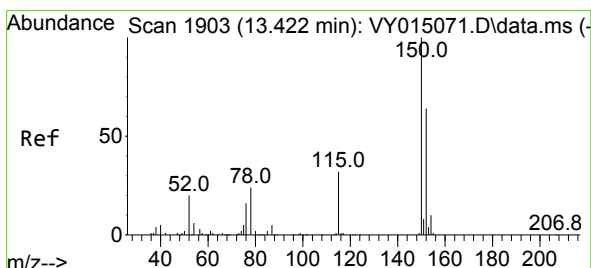
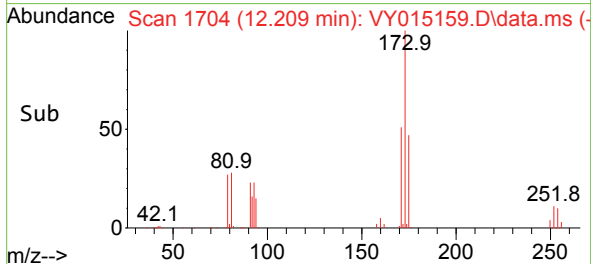
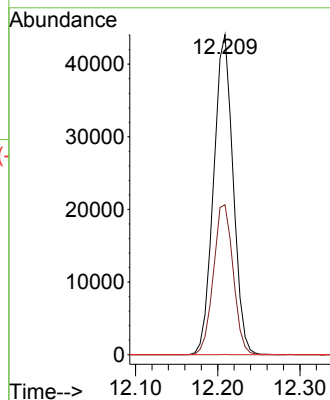
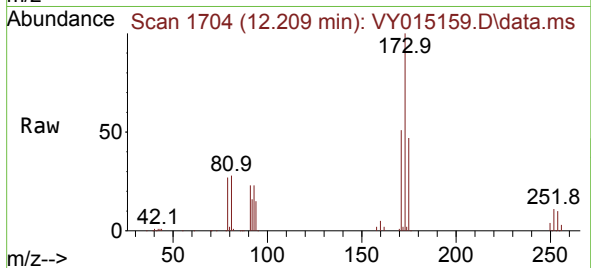
Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 72580
 Ion Ratio Lower Upper
 173 100
 175 47.5 24.6 73.8
 254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

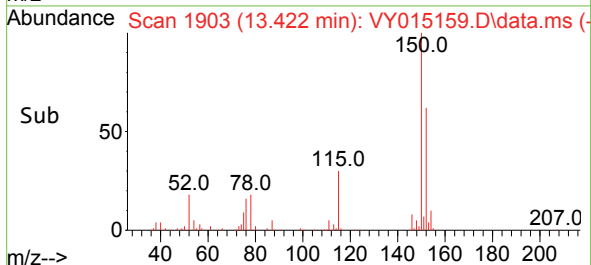
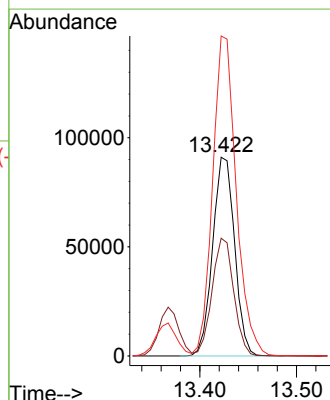
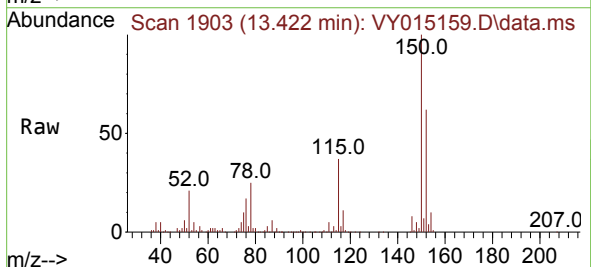
RT: 13.422 min Scan# 1903

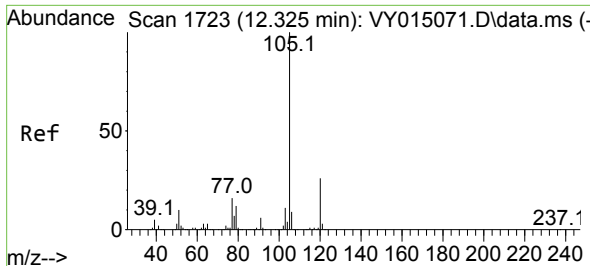
Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Tgt Ion:152 Resp: 143793
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 172.8 0.0 348.8

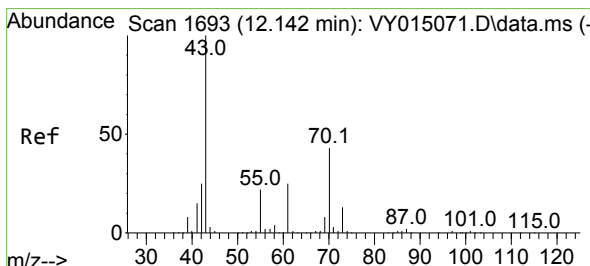
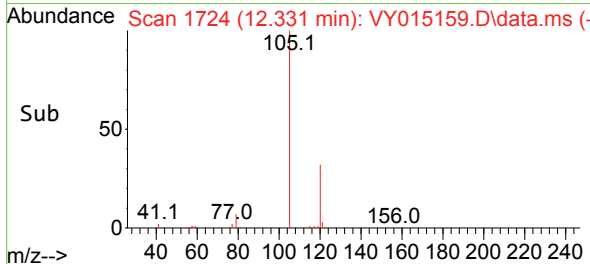
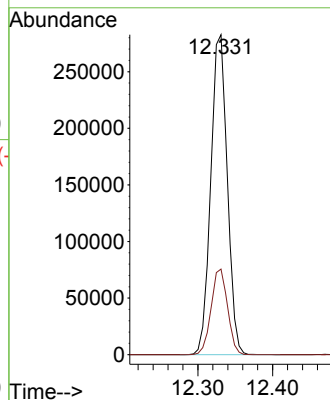
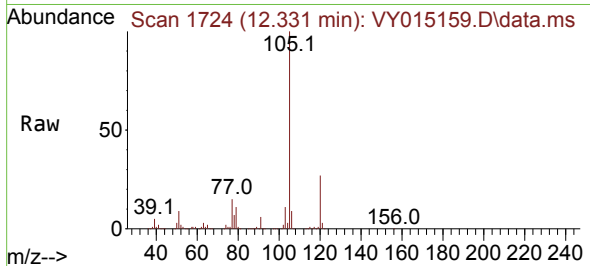




#73
Isopropylbenzene
Concen: 46.861 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

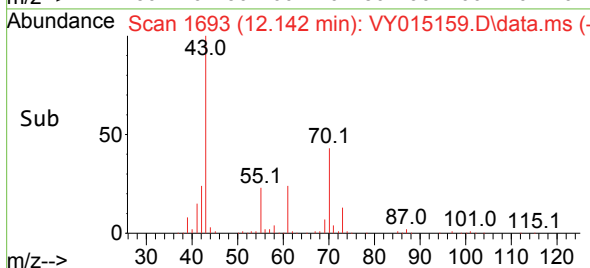
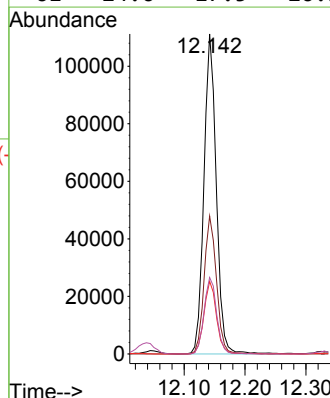
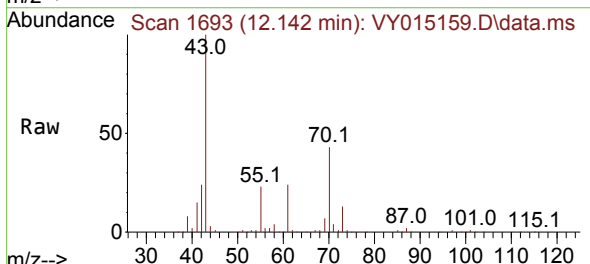
Instrument :
MSVOA_Y
ClientSampleId :

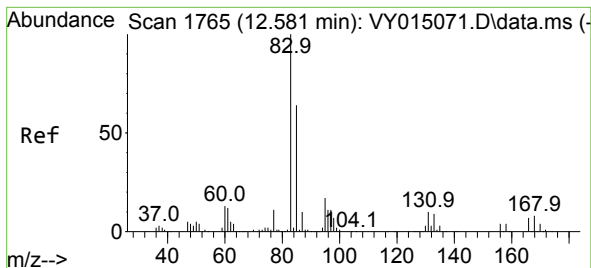
Tgt Ion:105 Resp: 433292
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 46.882 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 43 Resp: 156512
Ion Ratio Lower Upper
43 100
70 43.1 29.7 44.5
55 23.3 18.3 27.5
61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.372 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

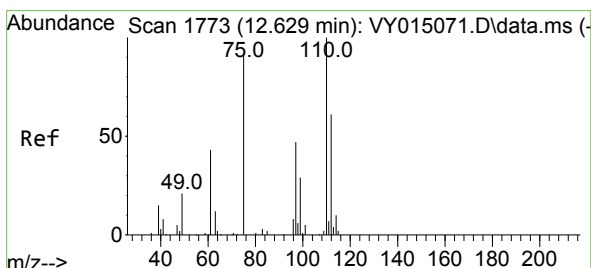
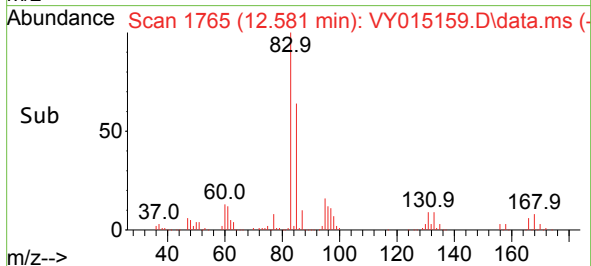
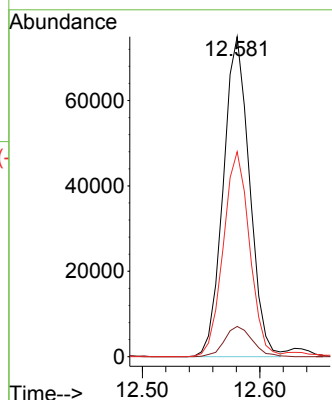
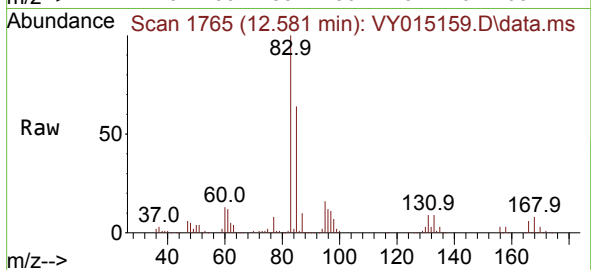
Tgt Ion: 83 Resp: 116487

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 85.454 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015159.D

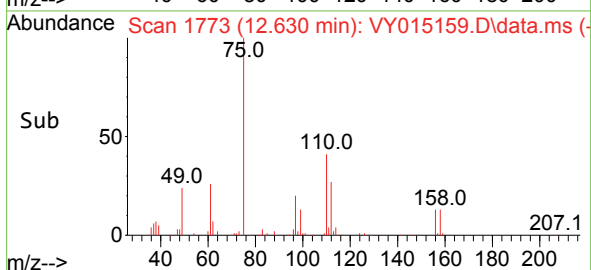
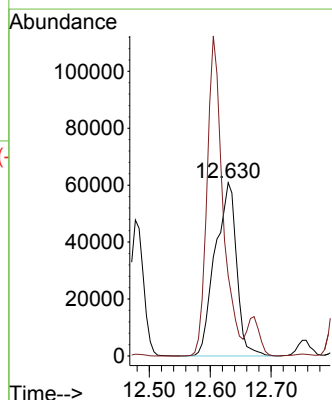
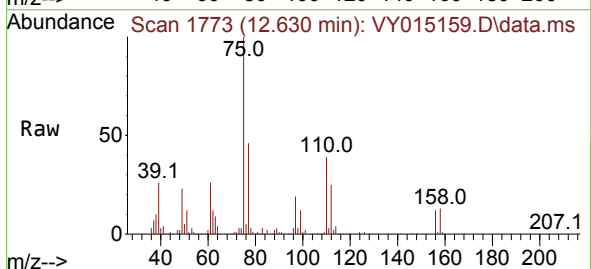
Acq: 16 Aug 2023 18:50

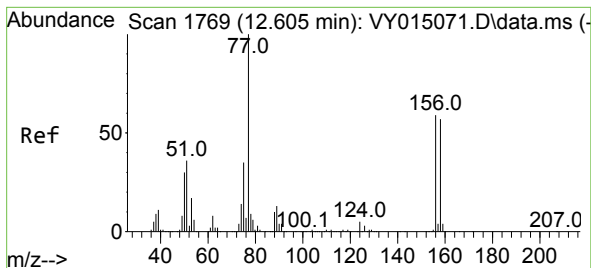
Tgt Ion: 75 Resp: 149286

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.940 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

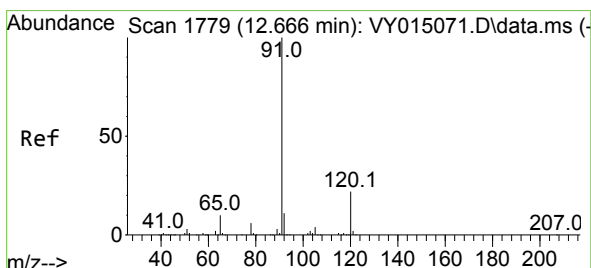
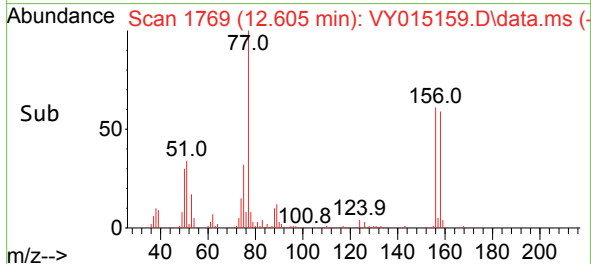
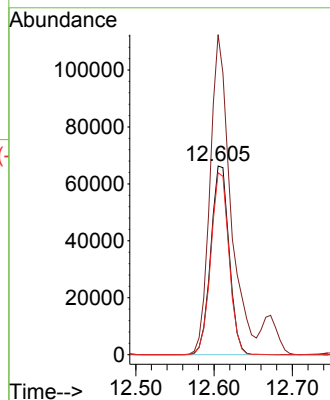
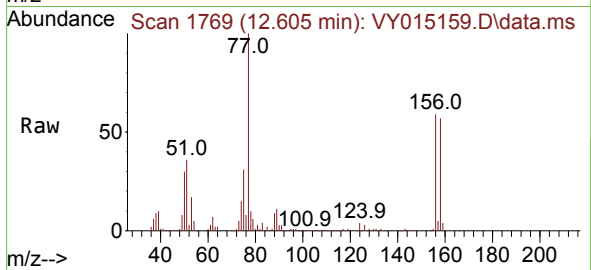
Tgt Ion:156 Resp: 108049

Ion Ratio Lower Upper

156 100

77 189.1 92.8 278.6

158 95.3 48.4 145.3



#78

n-propylbenzene

Concen: 47.226 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015159.D

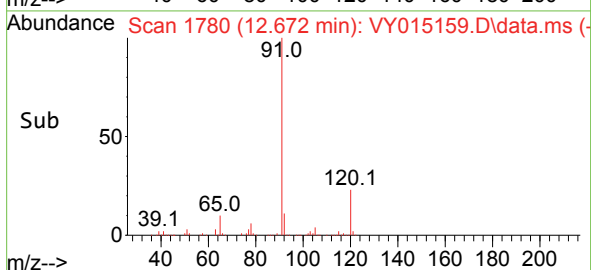
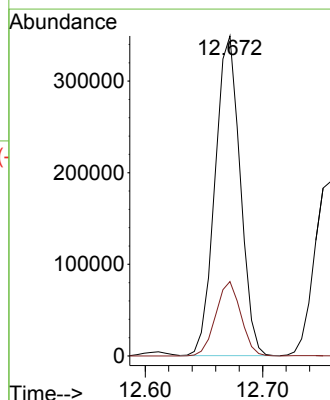
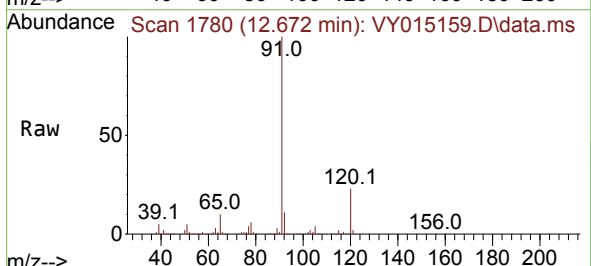
Acq: 16 Aug 2023 18:50

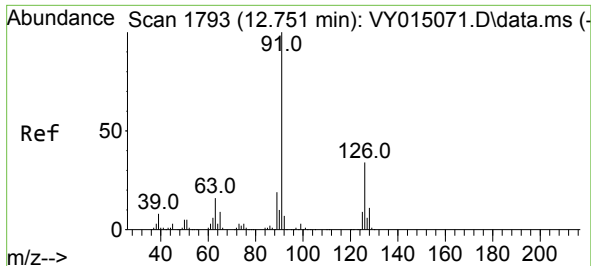
Tgt Ion: 91 Resp: 518535

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

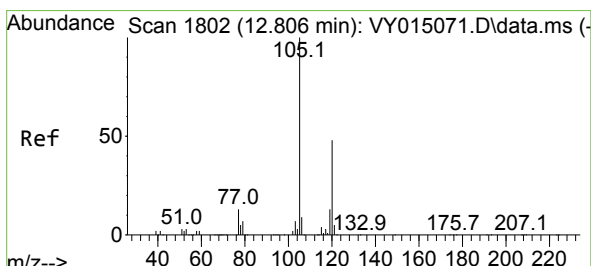
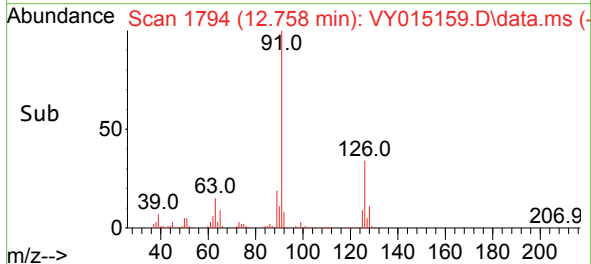
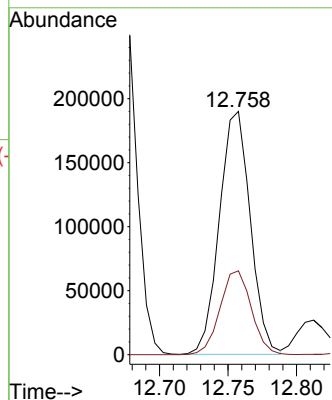
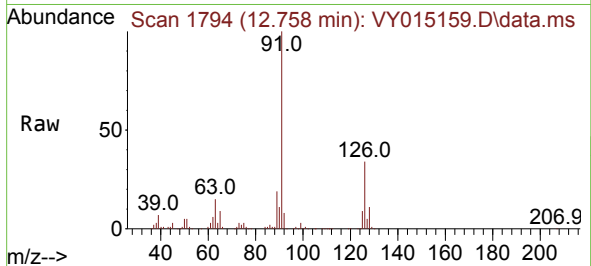




#79
2-Chlorotoluene
Concen: 47.134 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

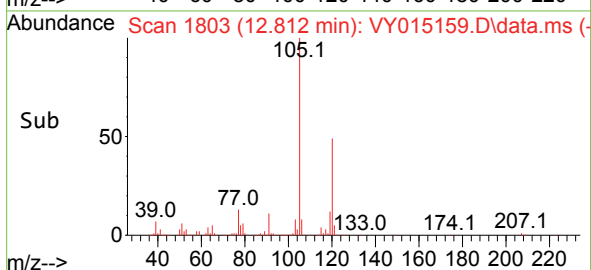
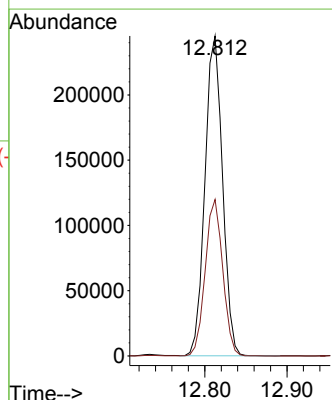
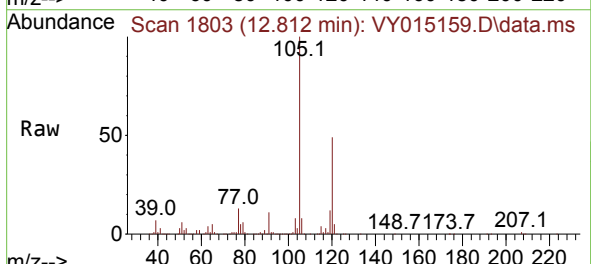
Instrument :
MSVOA_Y
ClientSampleId :

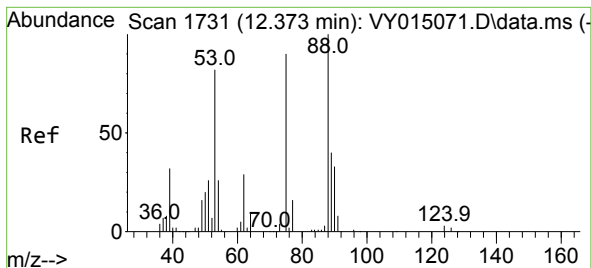
Tgt Ion: 91 Resp: 298549
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.221 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 105 Resp: 363956
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

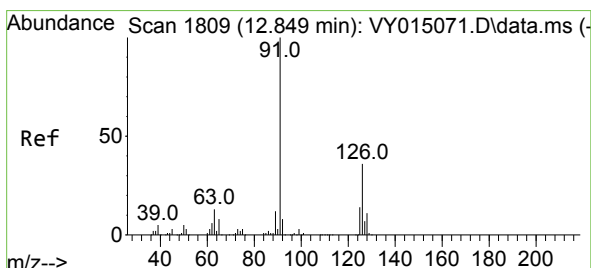
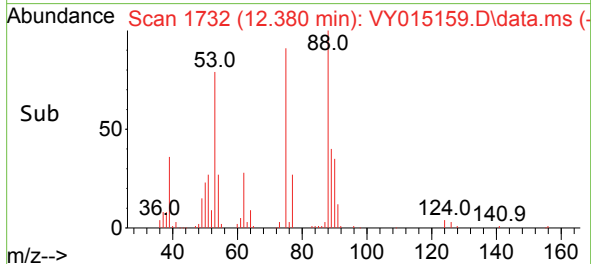
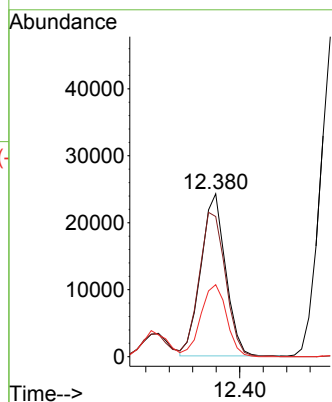
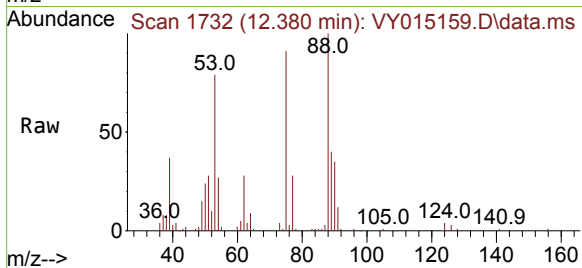




#81
trans-1,4-Dichloro-2-butene
Concen: 44.392 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

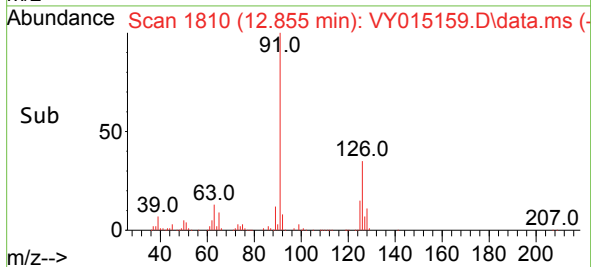
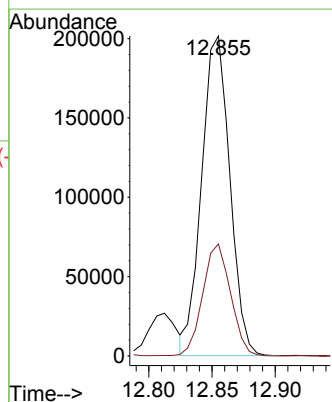
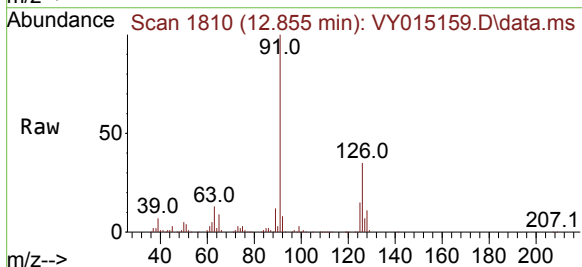
Instrument :
MSVOA_Y
ClientSampleId :

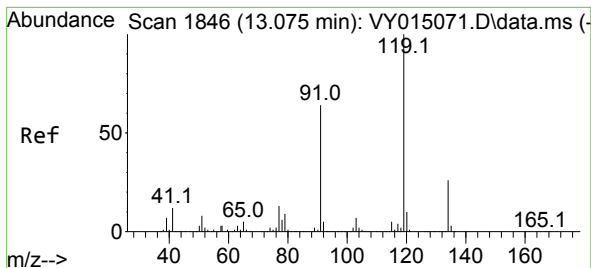
Tgt Ion: 75 Resp: 35307
Ion Ratio Lower Upper
75 100
53 95.3 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.848 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015159.D
Acq: 16 Aug 2023 18:50

Tgt Ion: 91 Resp: 313113
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6

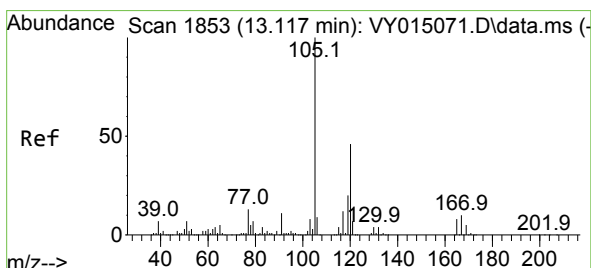
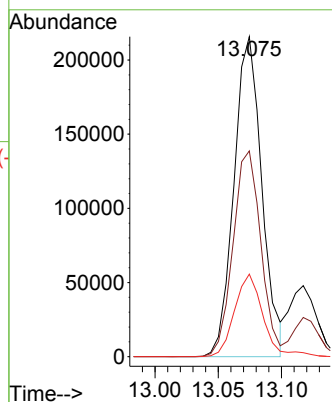
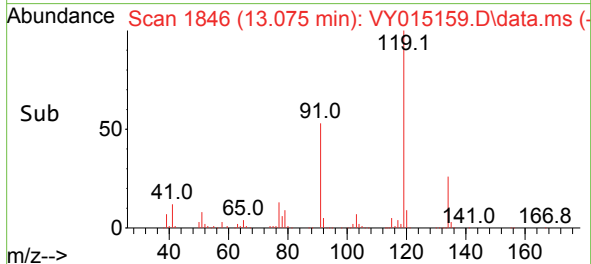
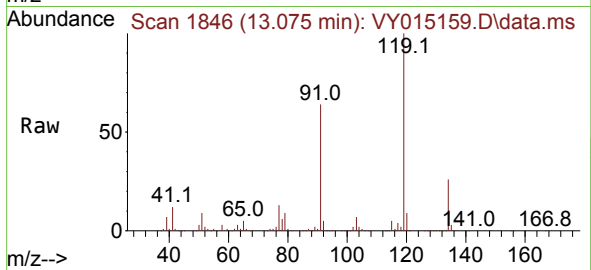




#83
 tert-Butylbenzene
 Concen: 47.000 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY015159.D
 Acq: 16 Aug 2023 18:50

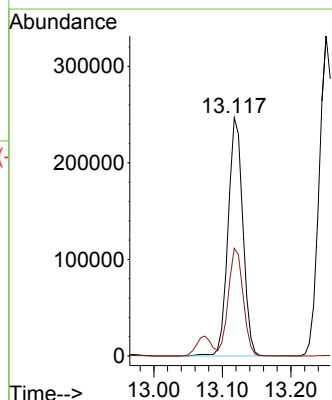
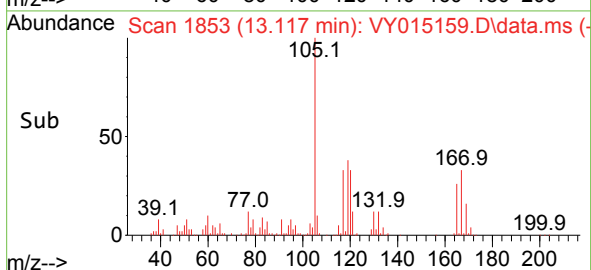
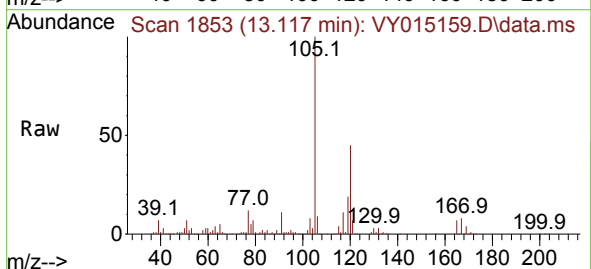
Instrument :
 MSVOA_Y
 ClientSampleId :

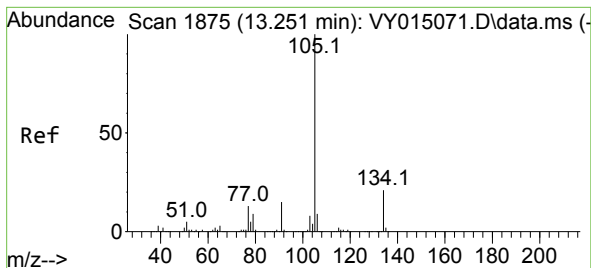
Tgt Ion:119 Resp: 331341
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.9 98.6
 134 26.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.857 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015159.D
 Acq: 16 Aug 2023 18:50

Tgt Ion:105 Resp: 368582
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.749 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

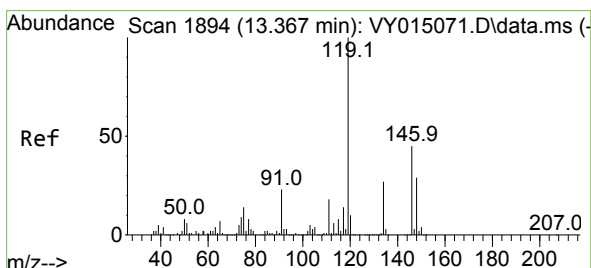
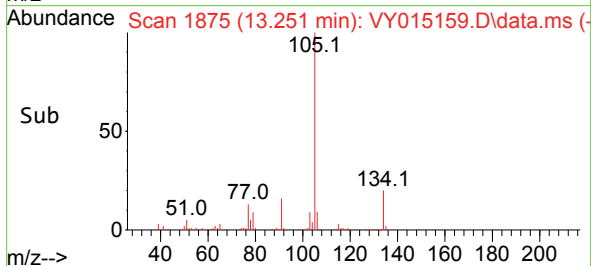
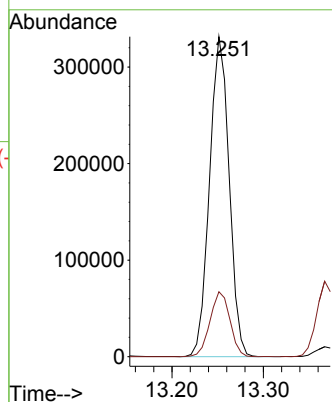
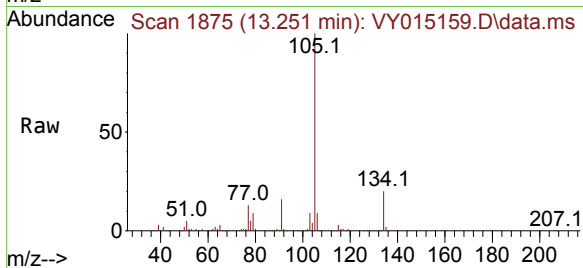
ClientSampleId :

Tgt Ion:105 Resp: 493220

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.143 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

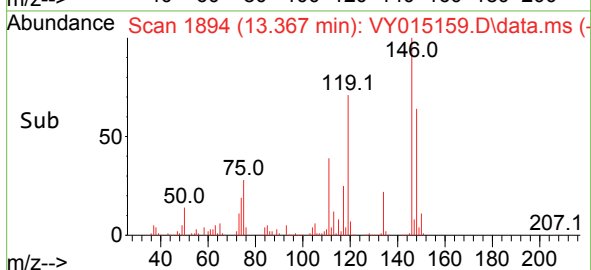
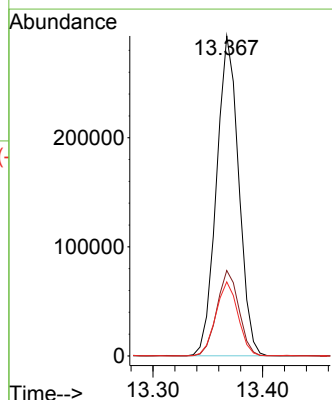
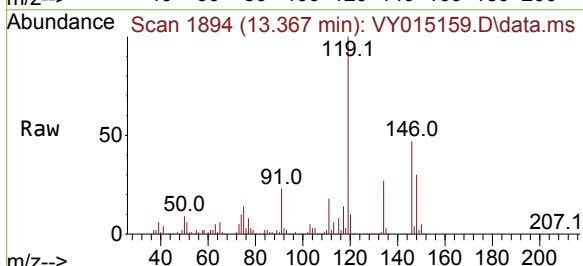
Tgt Ion:119 Resp: 412298

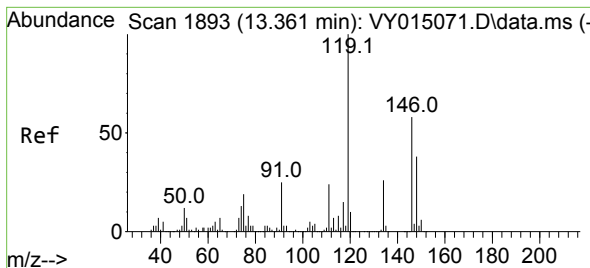
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.101 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

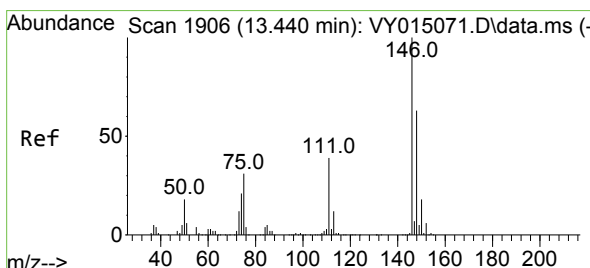
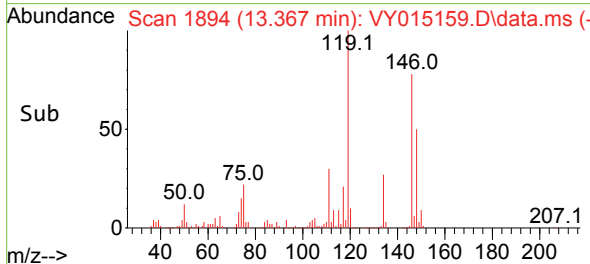
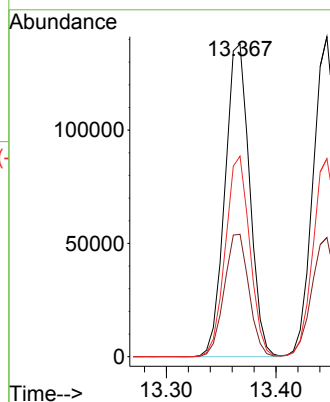
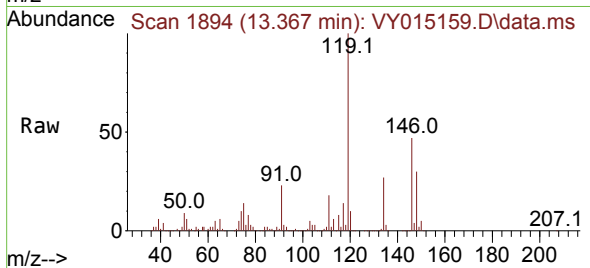
Tgt Ion:146 Resp: 215026

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.532 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

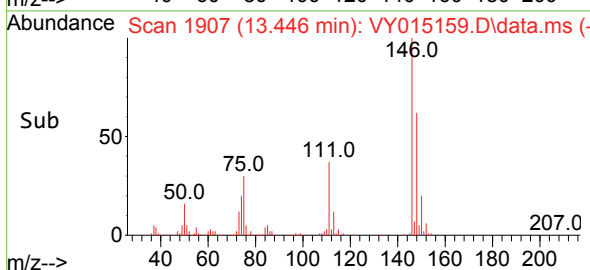
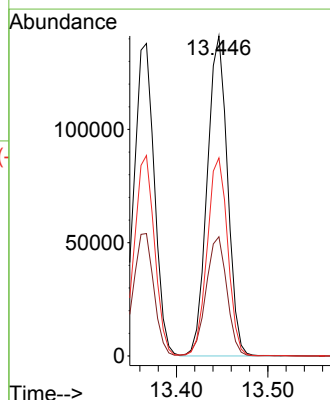
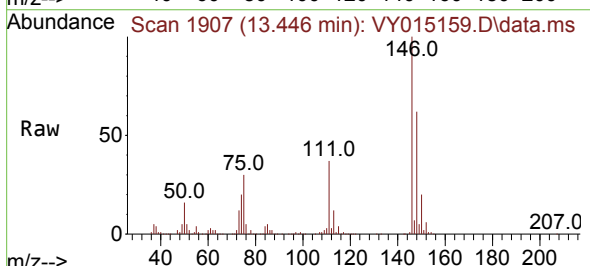
Tgt Ion:146 Resp: 217603

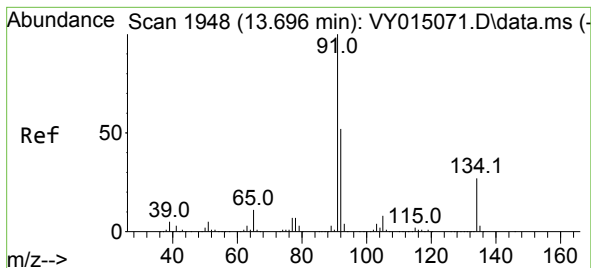
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 62.5 32.1 96.5





#89

n-Butylbenzene

Concen: 47.330 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

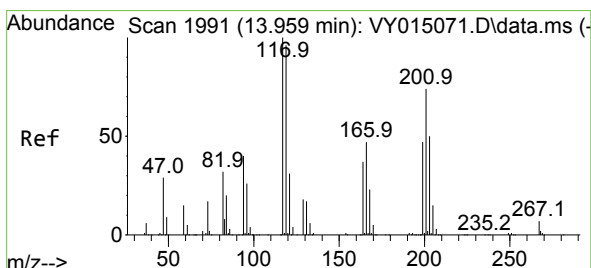
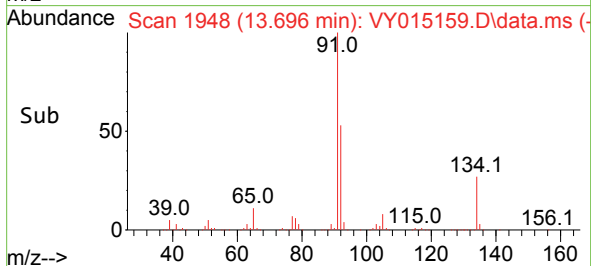
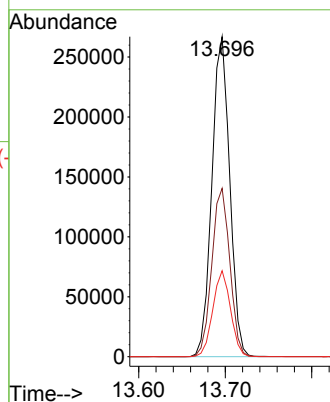
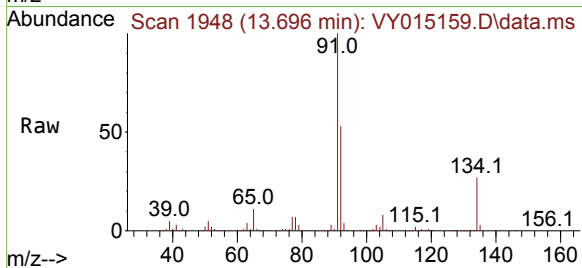
Tgt Ion: 91 Resp: 382175

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 46.984 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015159.D

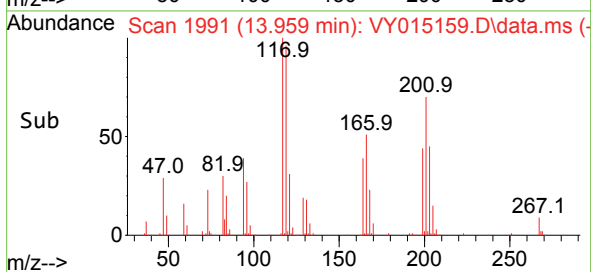
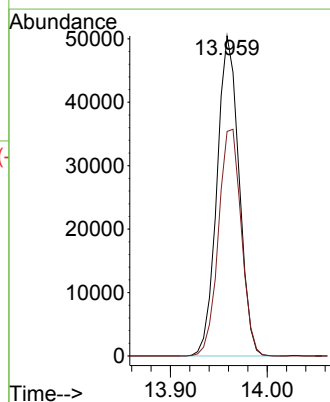
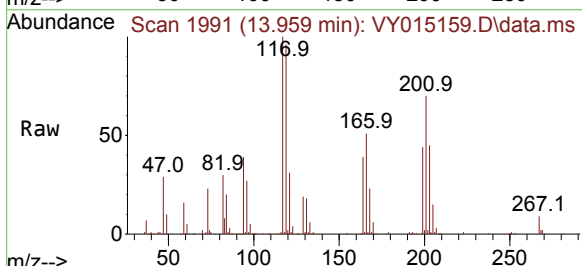
Acq: 16 Aug 2023 18:50

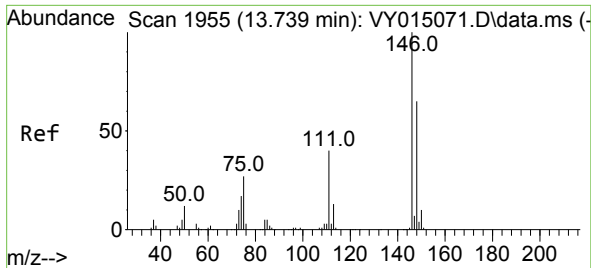
Tgt Ion: 117 Resp: 79824

Ion Ratio Lower Upper

117 100

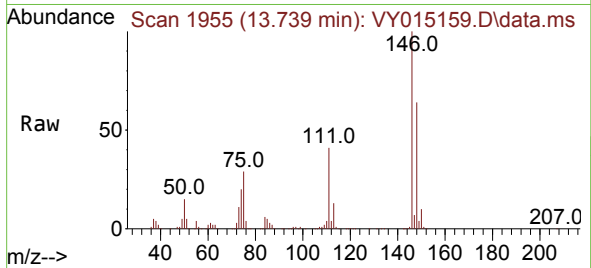
201 73.4 41.6 124.8



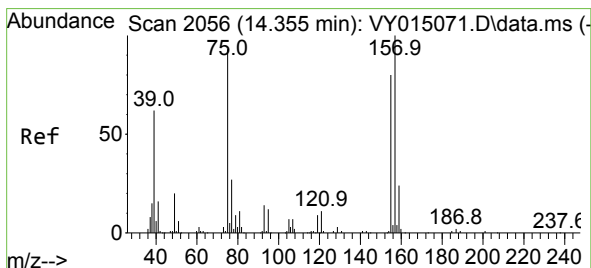
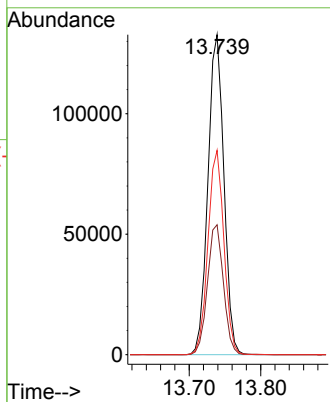
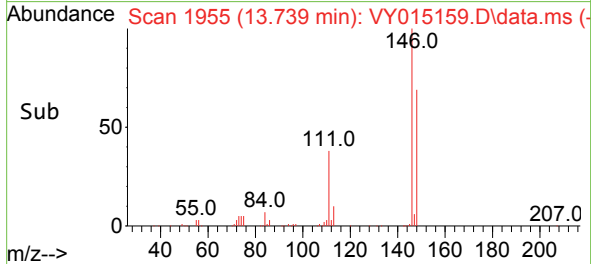


#91
 1,2-Dichlorobenzene
 Concen: 49.261 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015159.D
 Acq: 16 Aug 2023 18:50

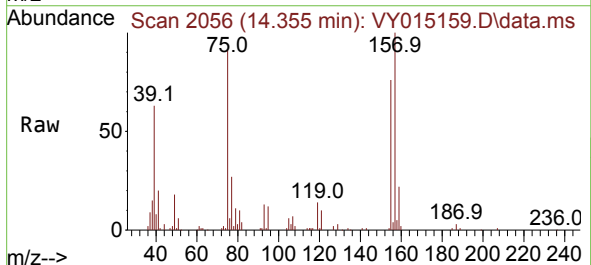
Instrument :
 MSVOA_Y
 ClientSampleId :



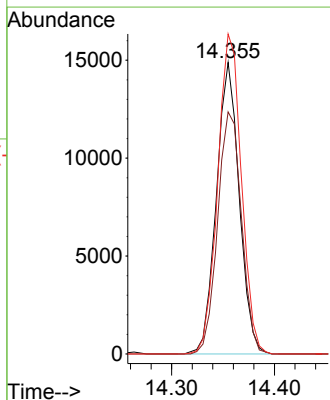
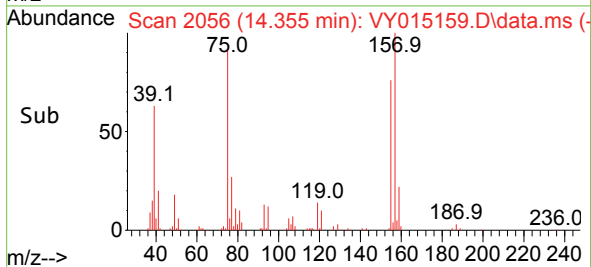
Tgt Ion:146 Resp: 205721
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.7 59.0
 148 63.8 32.0 96.2

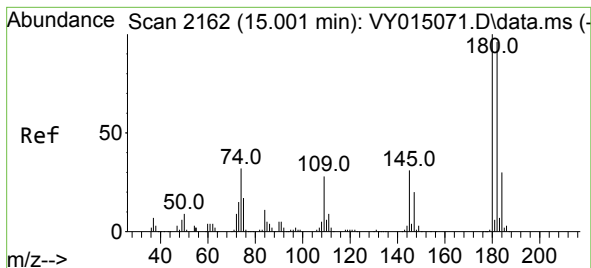


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.099 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015159.D
 Acq: 16 Aug 2023 18:50



Tgt Ion: 75 Resp: 22905
 Ion Ratio Lower Upper
 75 100
 155 86.8 41.5 124.6
 157 114.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.840 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

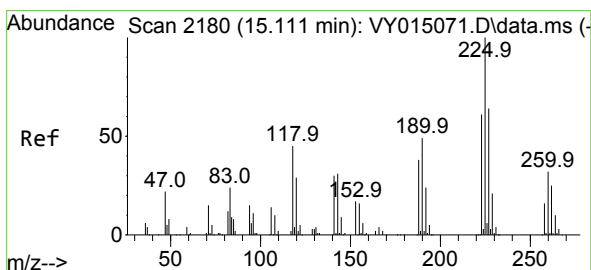
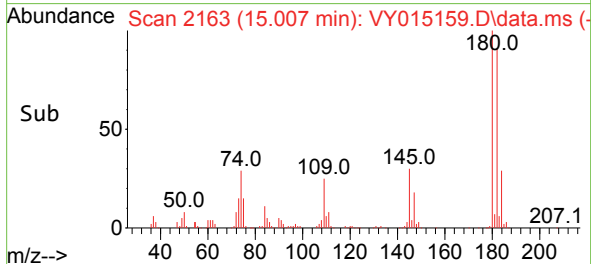
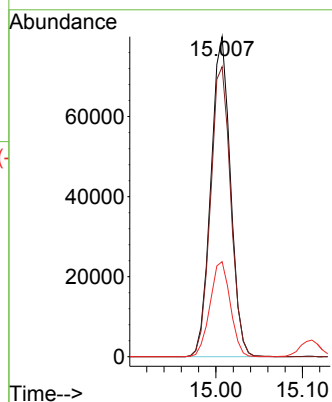
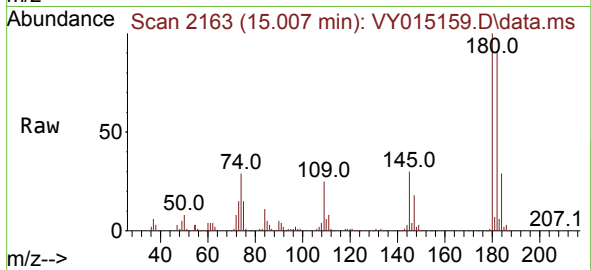
Tgt Ion:180 Resp: 125580

Ion Ratio Lower Upper

180 100

182 93.0 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.248 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

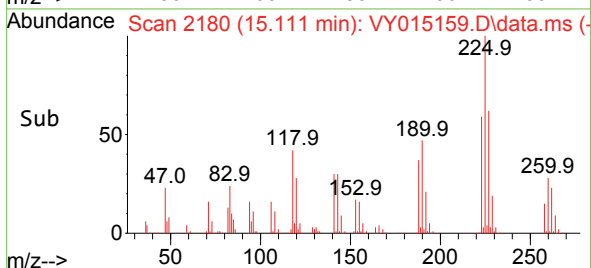
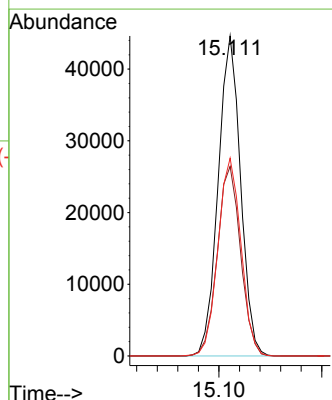
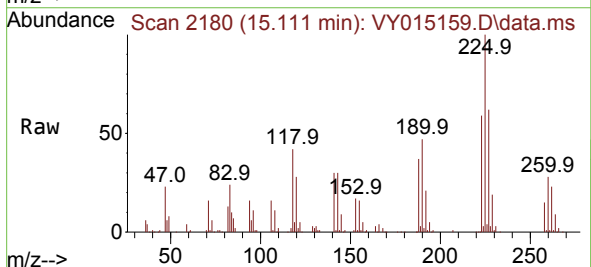
Tgt Ion:225 Resp: 67446

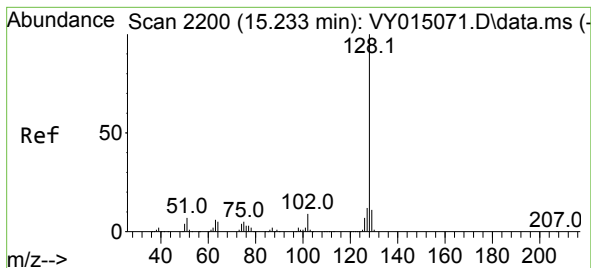
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 47.433 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

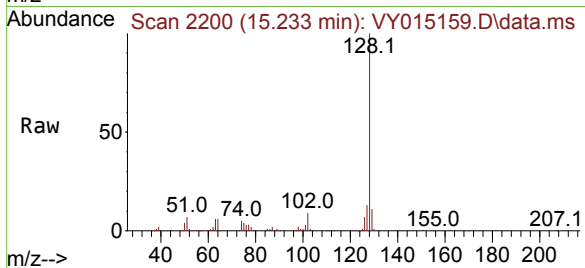
Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :



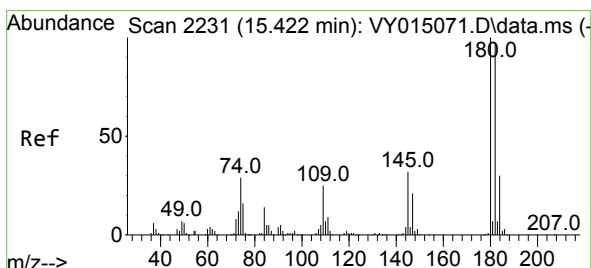
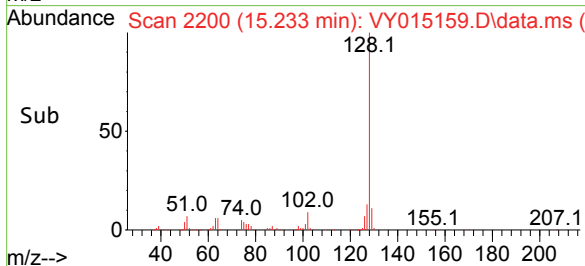
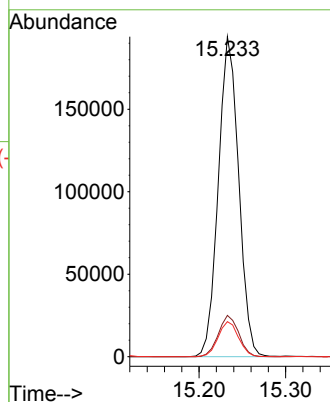
Tgt Ion:128 Resp: 316793

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.078 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015159.D

Acq: 16 Aug 2023 18:50

Tgt Ion:180 Resp: 116410

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.2 15.4 46.2

