

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015187.D
 Acq On : 18 Aug 2023 11:36
 Operator : SY/MD
 Sample : VY0818SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:06:14 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	176065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109650	51.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.716	113	94489	51.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.179	98	354786	51.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.483	95	124153	49.553	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	17882	20.778	ug/l	96
3) Chloromethane	2.107	50	20883	17.369	ug/l	99
4) Vinyl Chloride	2.247	62	26743	19.088	ug/l	97
5) Bromomethane	2.625	94	21545	19.850	ug/l	99
6) Chloroethane	2.784	64	19981	19.644	ug/l	95
7) Trichlorofluoromethane	3.113	101	48114	20.381	ug/l	97
8) Diethyl Ether	3.521	74	18044	19.489	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	30028	20.467	ug/l	96
10) Methyl Iodide	4.082	142	23945	16.621	ug/l	99
11) Tert butyl alcohol	4.948	59	45831	123.516	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	23850	19.467	ug/l	95
13) Acrolein	3.729	56	21445	135.314	ug/l	100
14) Allyl chloride	4.472	41	41954	19.315	ug/l	98
15) Acrylonitrile	5.155	53	66528	106.033	ug/l	98
16) Acetone	3.942	43	73558	106.537	ug/l	94
17) Carbon Disulfide	4.186	76	36128	16.756	ug/l	97
18) Methyl Acetate	4.472	43	51425	20.324	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	102056	19.591	ug/l	97
20) Methylene Chloride	4.710	84	43192	23.830	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	26996	19.535	ug/l	89
22) Diisopropyl ether	6.112	45	108524	20.023	ug/l	95
23) Vinyl Acetate	6.058	43	313281	96.869	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	60060	20.468	ug/l	98
25) 2-Butanone	6.984	43	101027	103.342	ug/l	97
26) 2,2-Dichloropropane	6.978	77	52771	18.655	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	36973	19.586	ug/l	98
28) Bromochloromethane	7.332	49	29875	22.160	ug/l	97
29) Tetrahydrofuran	7.344	42	59823	102.341	ug/l	95
30) Chloroform	7.502	83	66529	20.225	ug/l	100
31) Cyclohexane	7.783	56	40331	19.823	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	55793	19.932	ug/l	99
36) 1,1-Dichloropropene	7.911	75	40751	19.989	ug/l	98
37) Ethyl Acetate	7.076	43	39115	20.584	ug/l	97
38) Carbon Tetrachloride	7.899	117	47241	19.580	ug/l	95
39) Methylcyclohexane	9.179	83	43943	19.228	ug/l	95
40) Benzene	8.161	78	123401	20.021	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	54860	55.987	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	45877	20.495	ug/l	94
43) Isopropyl Acetate	8.271	43	69148	19.982	ug/l	98
44) Trichloroethene	8.941	130	35478	19.980	ug/l	96
45) 1,2-Dichloropropane	9.215	63	35193	20.249	ug/l	100
46) Dibromomethane	9.307	93	21958	20.031	ug/l	96
47) Bromodichloromethane	9.496	83	53268	20.364	ug/l	97
48) Methyl methacrylate	9.295	41	30760	20.779	ug/l	95
49) 1,4-Dioxane	9.301	88	9023	411.635	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	205347	102.389	ug/l	95
52) Toluene	10.246	92	78956	19.435	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	52385	19.056	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	57298	19.791	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	33521	20.111	ug/l	99
56) Ethyl methacrylate	10.508	69	47286	19.385	ug/l	92
57) 1,3-Dichloropropane	10.788	76	55452	20.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	119618	105.373	ug/l	94
59) 2-Hexanone	10.831	43	153392	103.341	ug/l	94
60) Dibromochloromethane	10.983	129	39260	19.746	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31597	19.955	ug/l	99
64) Tetrachloroethene	10.721	164	36468	20.596	ug/l	96
65) Chlorobenzene	11.514	112	93890	20.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37716	20.074	ug/l	100
67) Ethyl Benzene	11.593	91	162447	20.023	ug/l	98
68) m/p-Xylenes	11.703	106	122473	39.746	ug/l	96
69) o-Xylene	12.026	106	60753	19.792	ug/l	99
70) Styrene	12.044	104	105762	19.907	ug/l	97
71) Bromoform	12.209	173	25745	18.902	ug/l #	97
73) Isopropylbenzene	12.331	105	164909	19.622	ug/l	99
74) N-amyl acetate	12.142	43	59150	19.493	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	44208	20.197	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	56736	35.730	ug/l #	100
77) Bromobenzene	12.605	156	41159	20.091	ug/l	98
78) n-propylbenzene	12.672	91	200303	20.070	ug/l	100
79) 2-Chlorotoluene	12.751	91	114220	19.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	139708	19.942	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13306	18.406	ug/l	97
82) 4-Chlorotoluene	12.855	91	119082	20.020	ug/l	100
83) tert-Butylbenzene	13.075	119	125720	19.620	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	139306	19.900	ug/l	98
85) sec-Butylbenzene	13.251	105	188586	20.086	ug/l	100
86) p-Isopropyltoluene	13.367	119	156016	20.043	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	81072	19.952	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	82197	20.169	ug/l	98
89) n-Butylbenzene	13.696	91	149430	20.360	ug/l	97
90) Hexachloroethane	13.959	117	29222	18.923	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	76796	20.232	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8199	19.336	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	48362	19.846	ug/l	99
94) Hexachlorobutadiene	15.111	225	26921	20.309	ug/l	97
95) Naphthalene	15.239	128	114384	18.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43796	19.900	ug/l	97

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QLast Update : Mon Aug 14 12:43:26 2023
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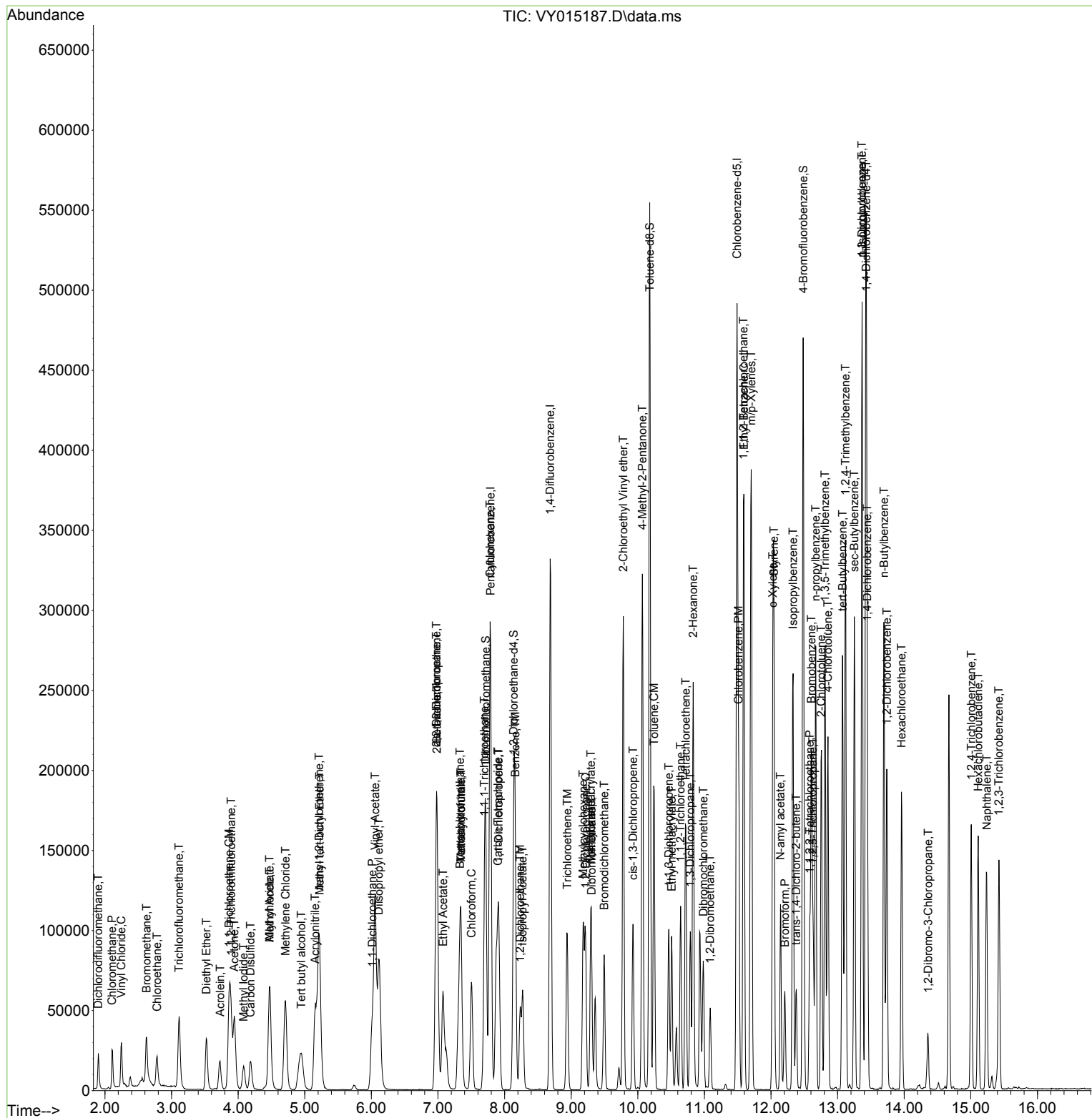
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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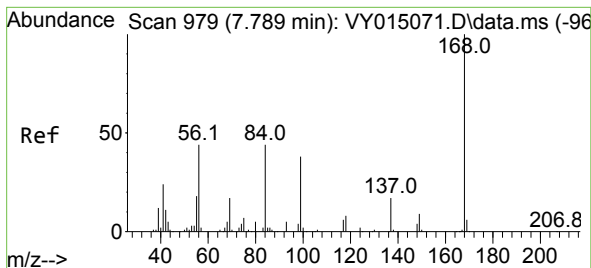
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015187.D

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Instrument :

MSVOA_Y

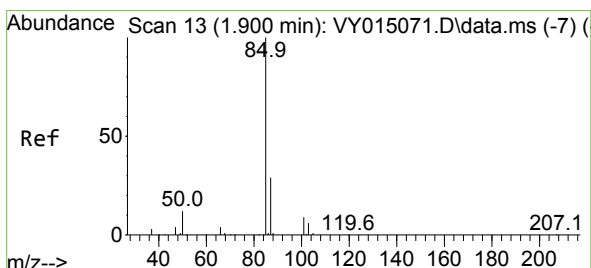
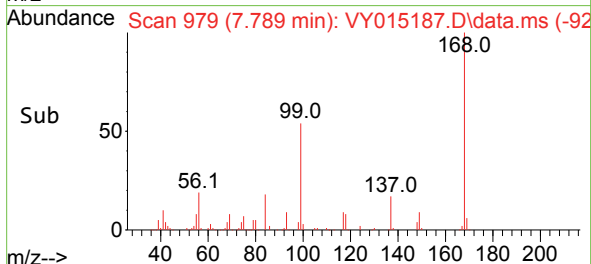
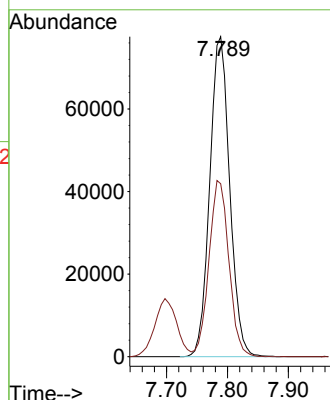
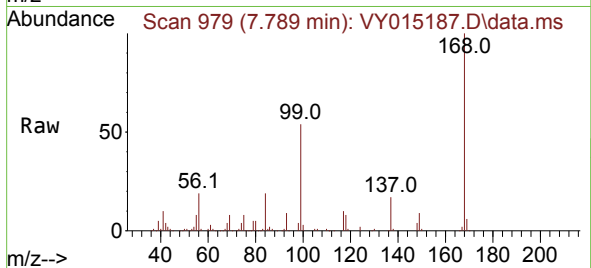
ClientSampleId :

Tgt Ion:168 Resp: 176065

Ion Ratio Lower Upper

168 100

99 54.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.778 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015187.D

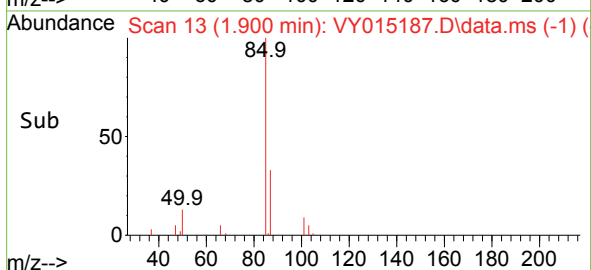
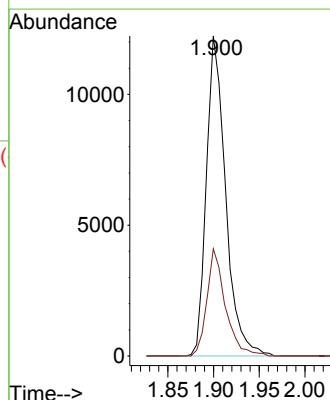
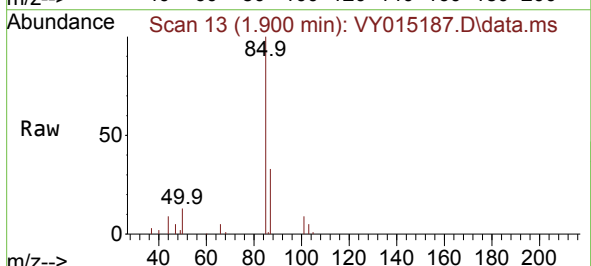
Acq: 18 Aug 2023 11:36

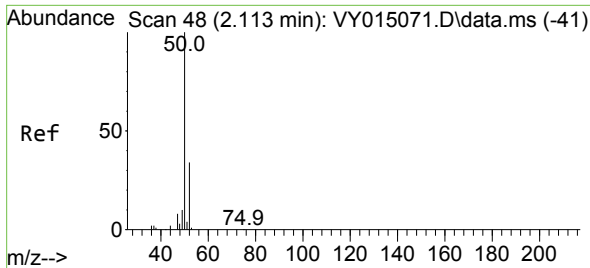
Tgt Ion: 85 Resp: 17882

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8

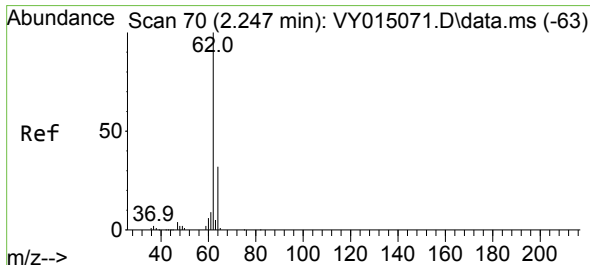
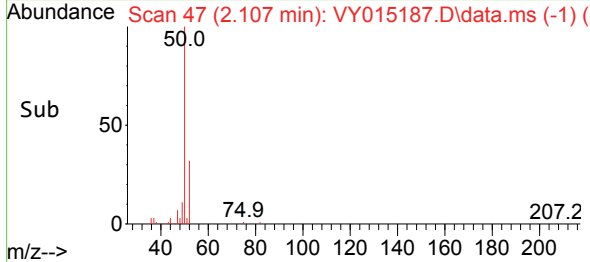
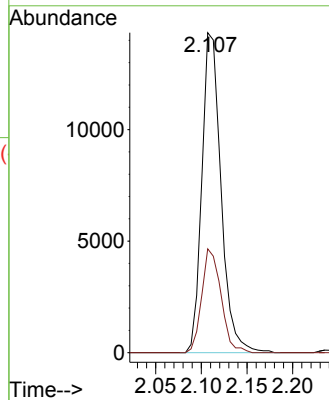
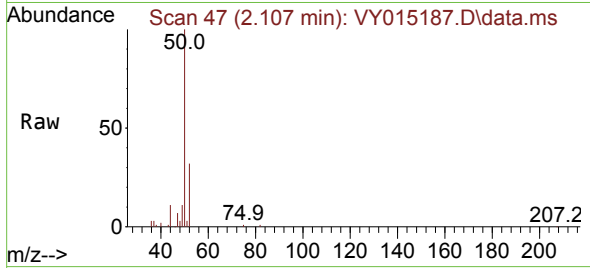




#3
Chloromethane
Concen: 17.369 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015187.D
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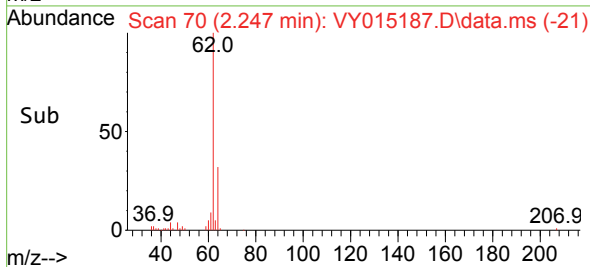
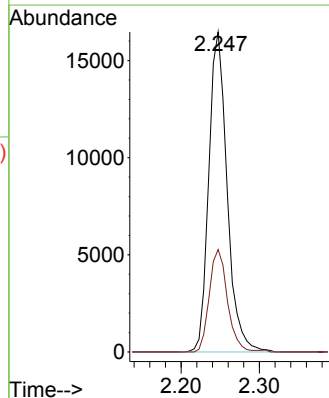
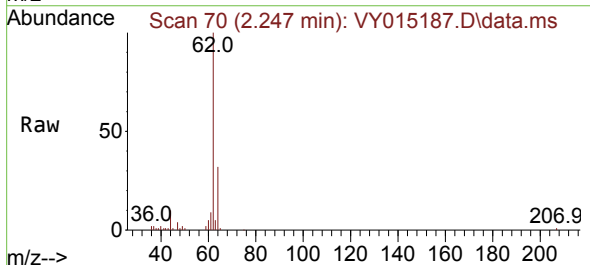
Instrument :
MSVOA_Y
ClientSampleId :

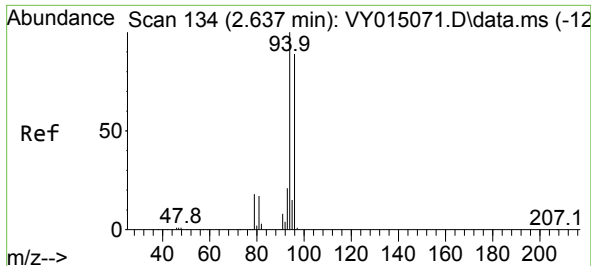
Tgt Ion: 50 Resp: 20883
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 19.088 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

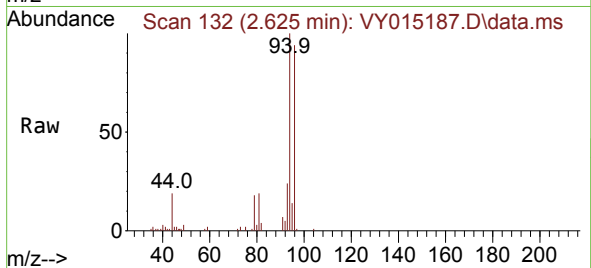
Tgt Ion: 62 Resp: 26743
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5



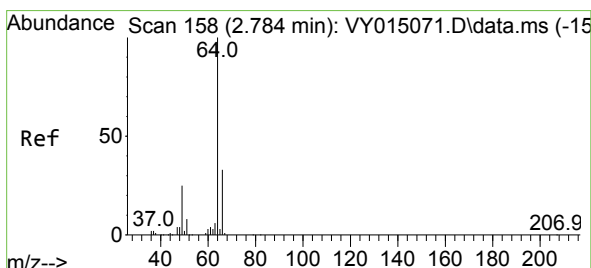
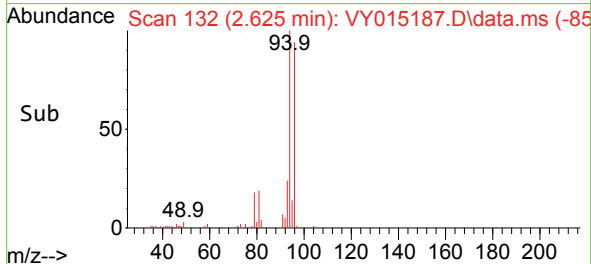
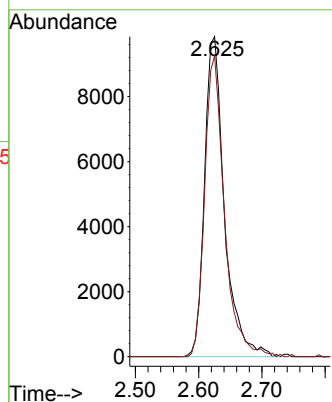


#5
Bromomethane
Concen: 19.850 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015187.D
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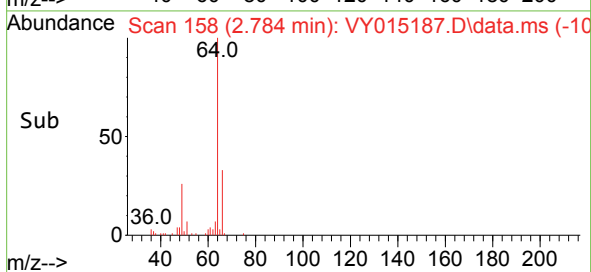
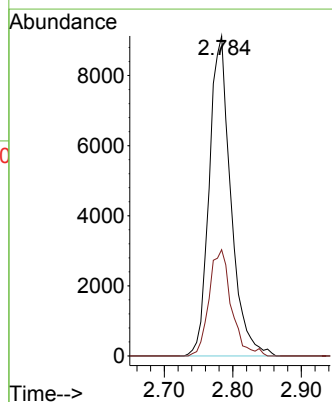
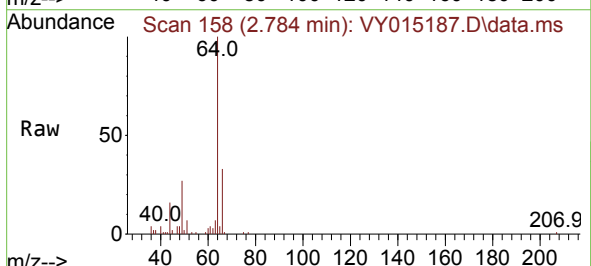


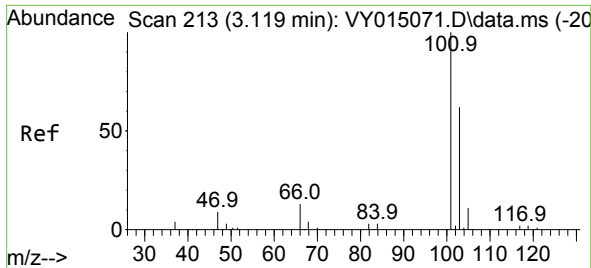
Tgt Ion: 94 Resp: 21545
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.6



#6
Chloroethane
Concen: 19.644 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 64 Resp: 19981
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

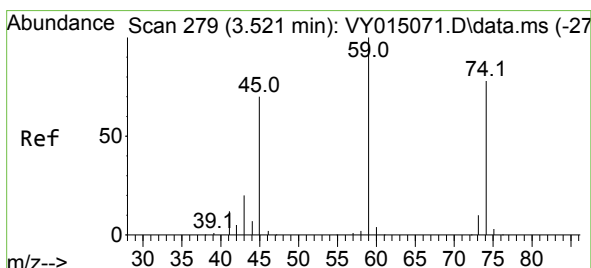
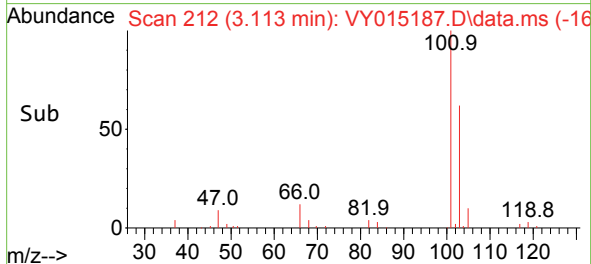
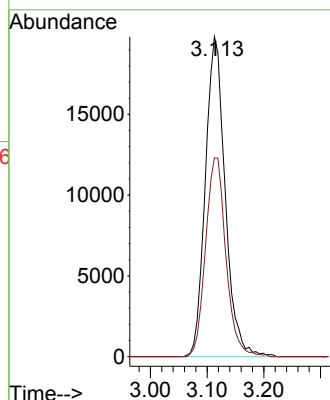
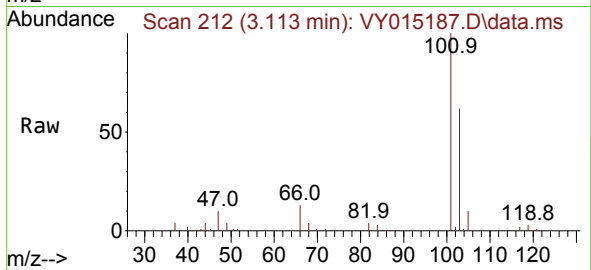




#7
Trichlorofluoromethane
Concen: 20.381 ug/l
RT: 3.113 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

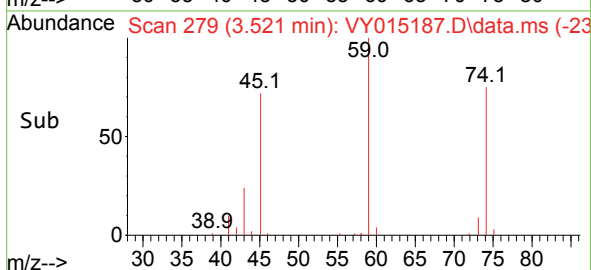
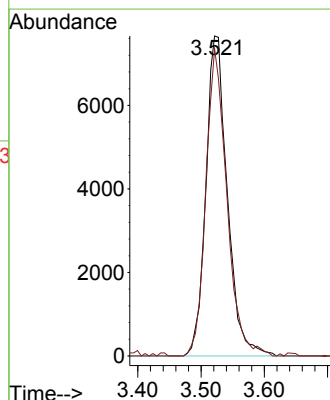
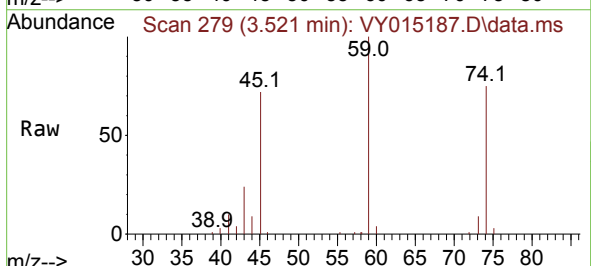
Instrument :
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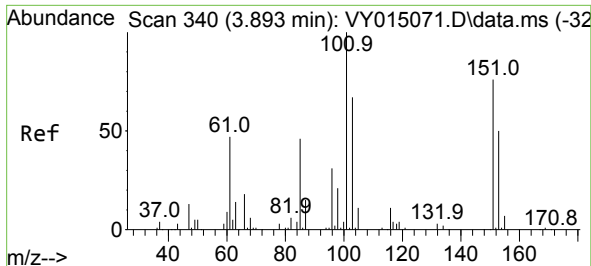
Tgt Ion:101 Resp: 48114
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.0



#8
Diethyl Ether
Concen: 19.489 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 74 Resp: 18044
Ion Ratio Lower Upper
74 100
45 94.4 51.5 154.5

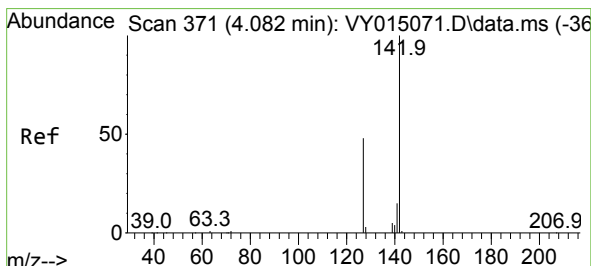
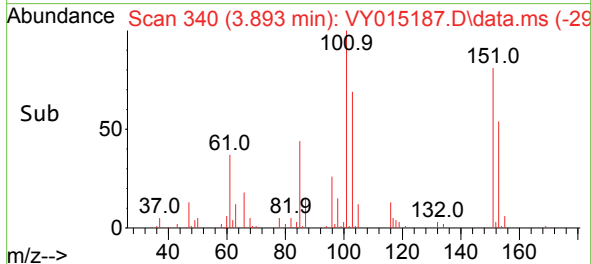
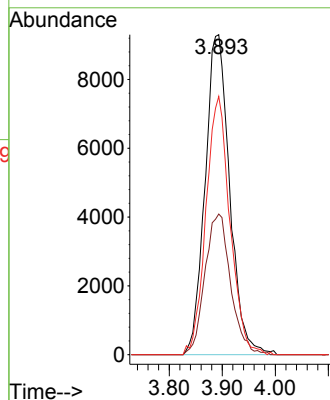
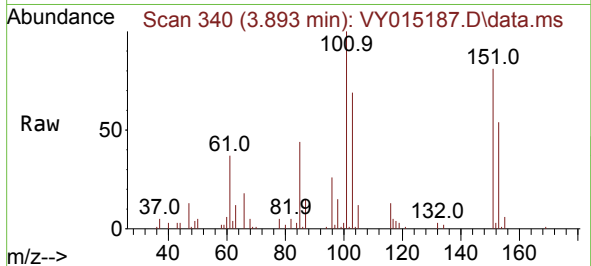




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.467 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

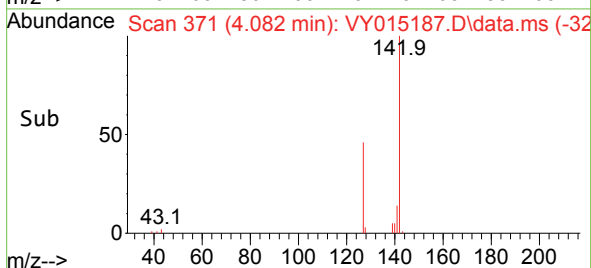
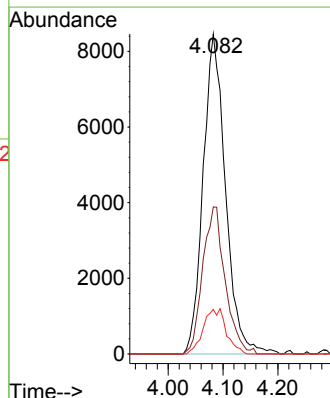
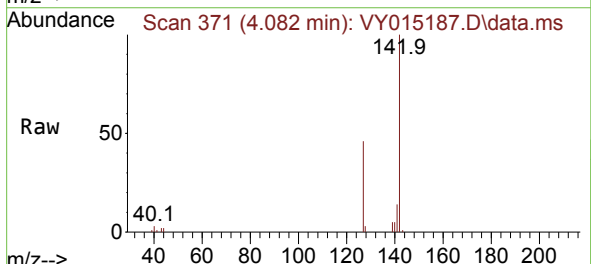
Instrument :
MSVOA_Y
ClientSampleId :

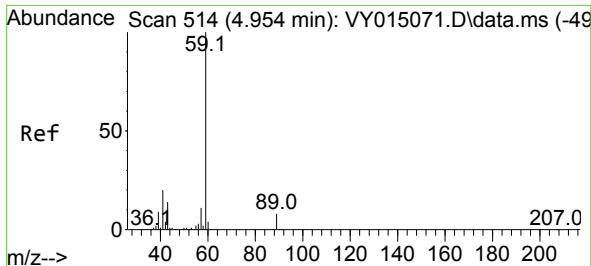
Tgt Ion:101 Resp: 30028
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 78.7 67.0 100.6



#10
Methyl Iodide
Concen: 16.621 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion:142 Resp: 23945
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 14.4 11.8 17.8

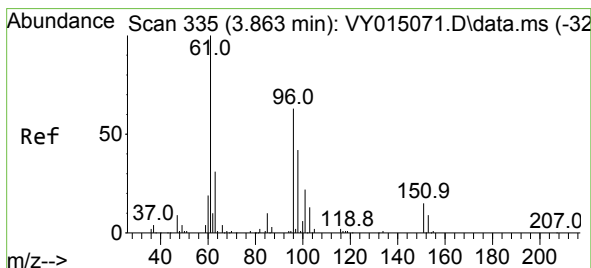
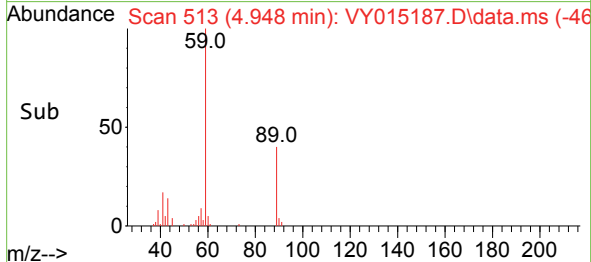
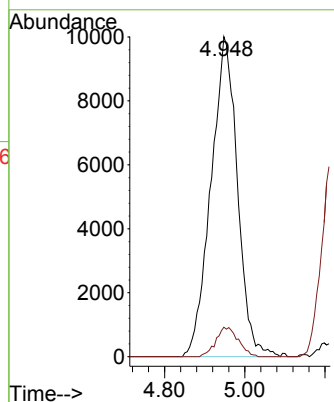
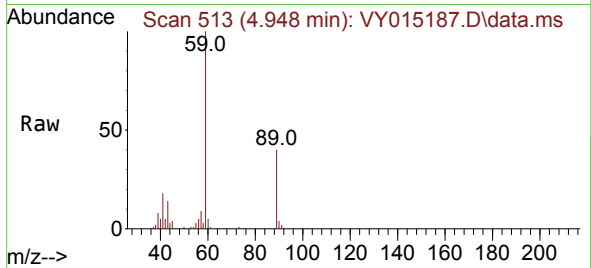




#11
Tert butyl alcohol
Concen: 123.516 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

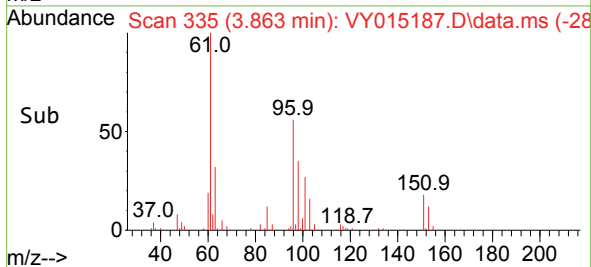
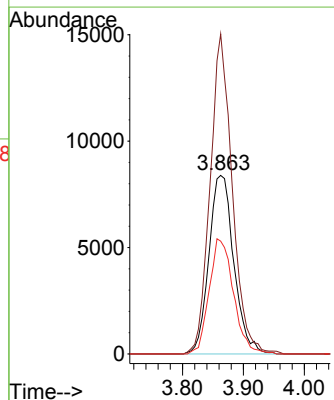
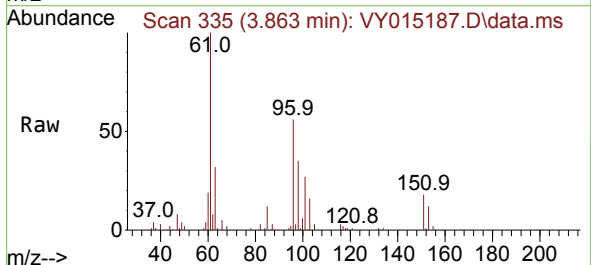
Instrument :
MSVOA_Y
ClientSampleId :

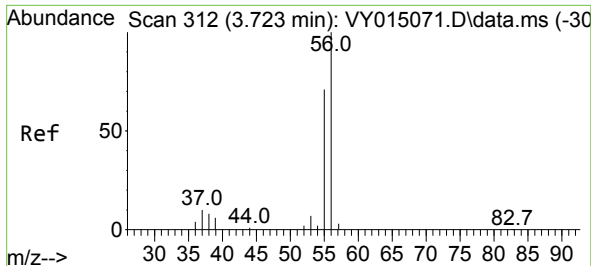
Tgt Ion: 59 Resp: 45831
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.467 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 96 Resp: 23850
Ion Ratio Lower Upper
96 100
61 179.2 136.4 204.6
98 63.2 49.4 74.2





#13

Acrolein

Concen: 135.314 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

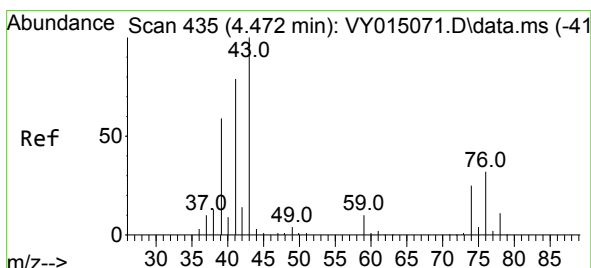
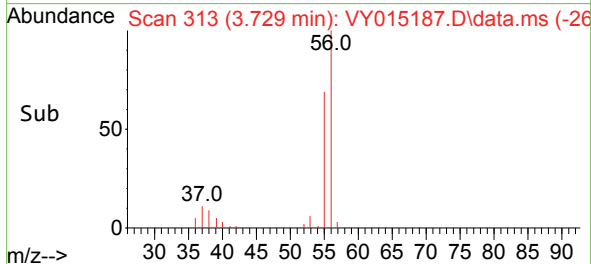
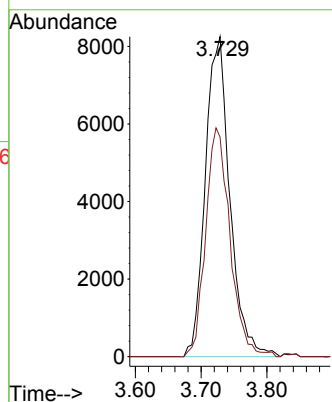
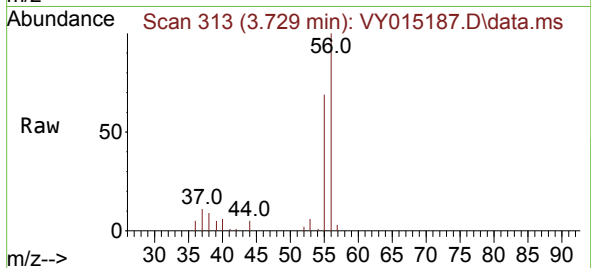
ClientSampleId :

Tgt Ion: 56 Resp: 21445

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 19.315 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

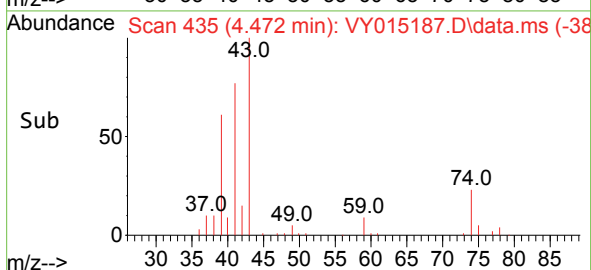
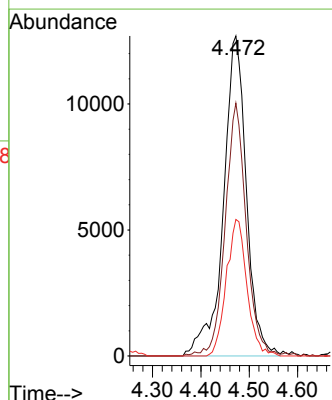
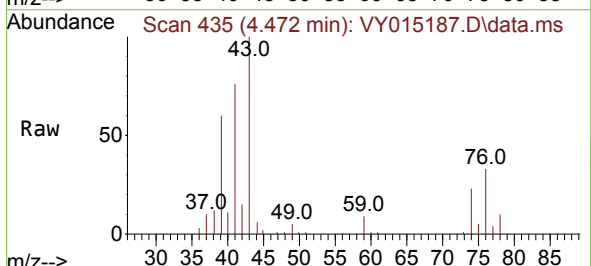
Tgt Ion: 41 Resp: 41954

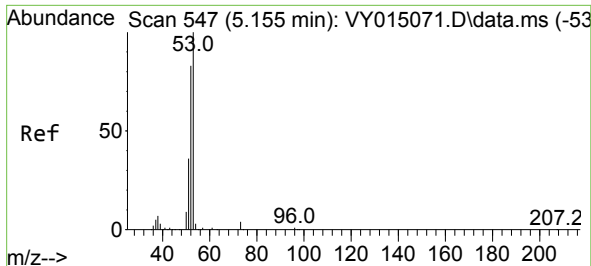
Ion Ratio Lower Upper

41 100

39 72.2 58.0 87.0

76 38.3 27.4 41.2

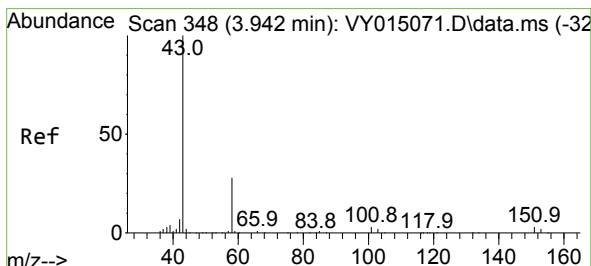
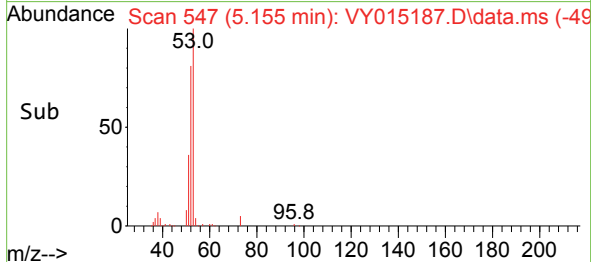
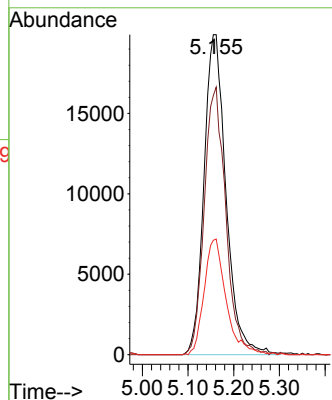
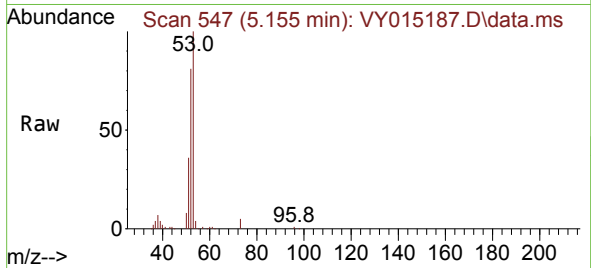




#15
Acrylonitrile
Concen: 106.033 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

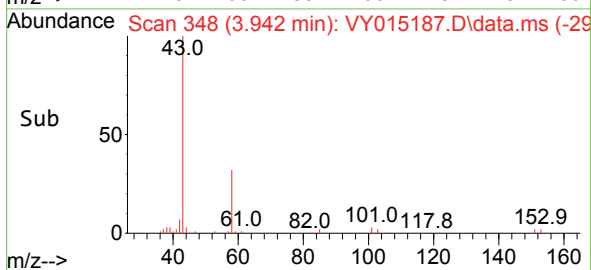
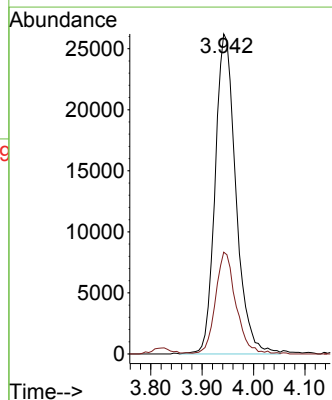
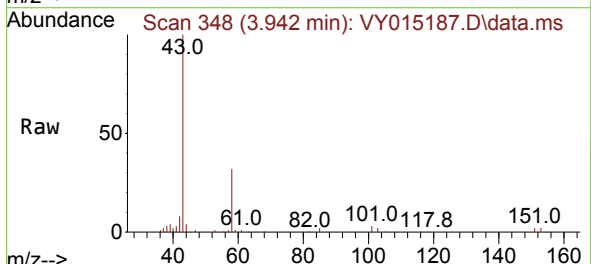
Instrument :
MSVOA_Y
ClientSampleId :

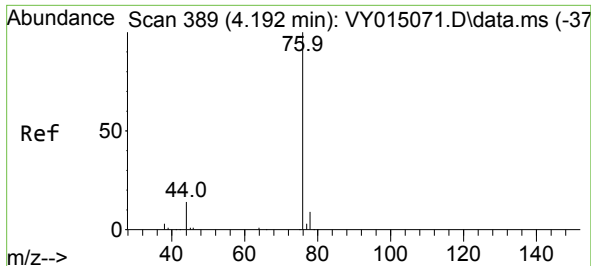
Tgt Ion: 53	Resp: 66528
Ion Ratio	Lower Upper
53 100	
52 81.7	66.9 100.3
51 36.3	29.8 44.6



#16
Acetone
Concen: 106.537 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 43	Resp: 73558
Ion Ratio	Lower Upper
43 100	
58 31.6	22.7 34.1





#17

Carbon Disulfide

Concen: 16.756 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

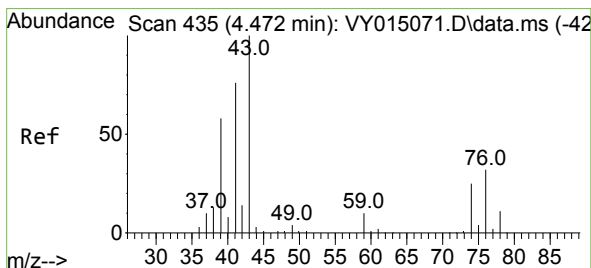
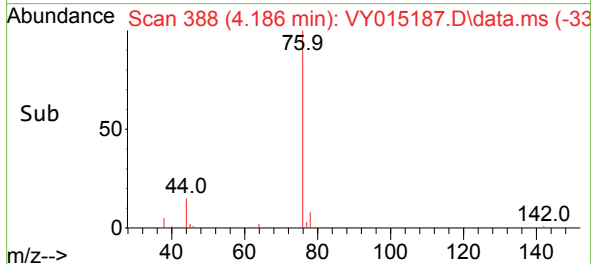
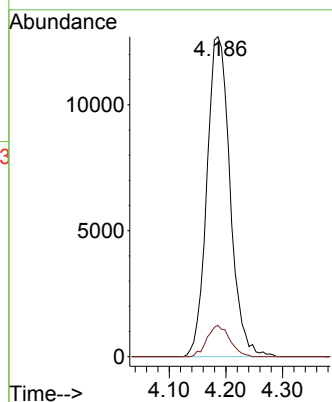
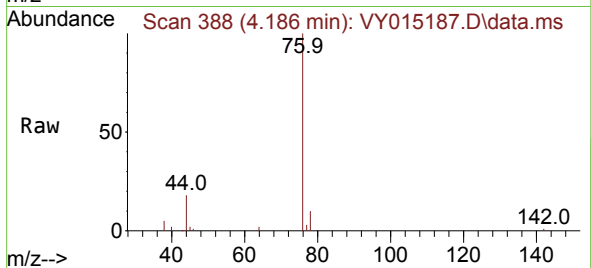
ClientSampleId :

Tgt Ion: 76 Resp: 36128

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4



#18

Methyl Acetate

Concen: 20.324 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY015187.D

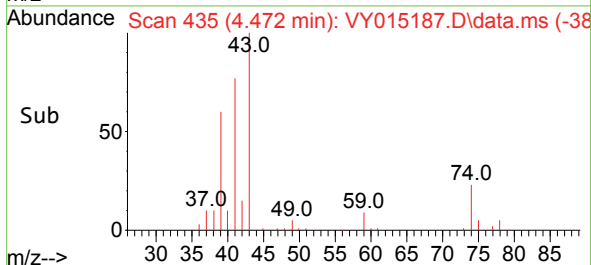
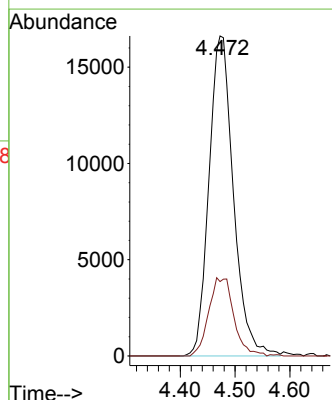
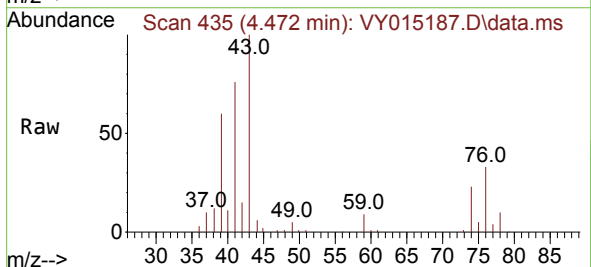
Acq: 18 Aug 2023 11:36

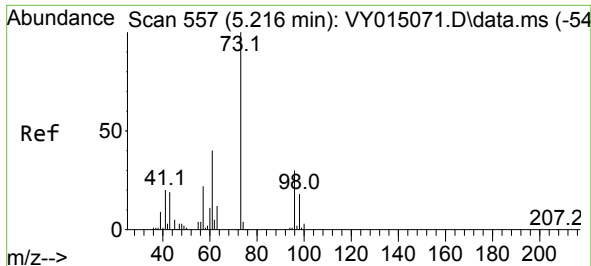
Tgt Ion: 43 Resp: 51425

Ion Ratio Lower Upper

43 100

74 25.1 17.4 26.0

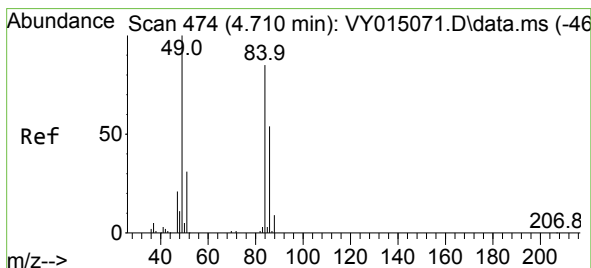
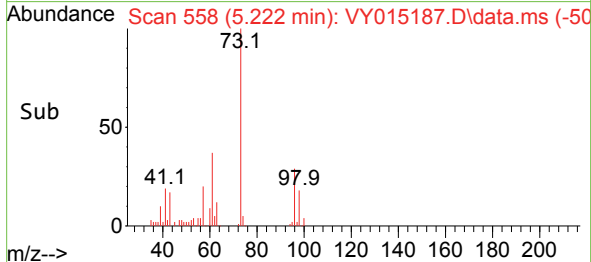
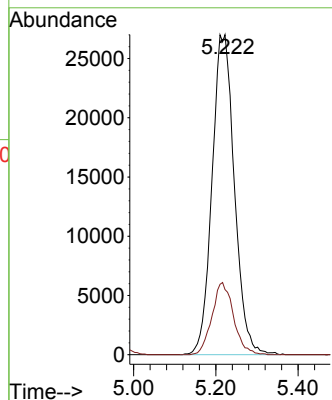
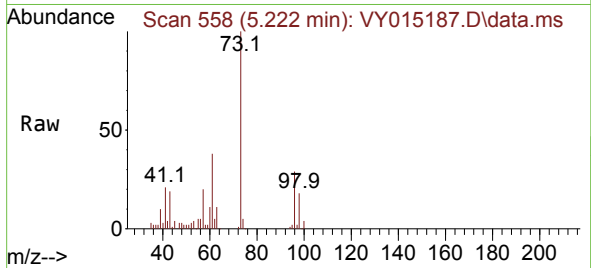




#19
Methyl tert-butyl Ether
Concen: 19.591 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

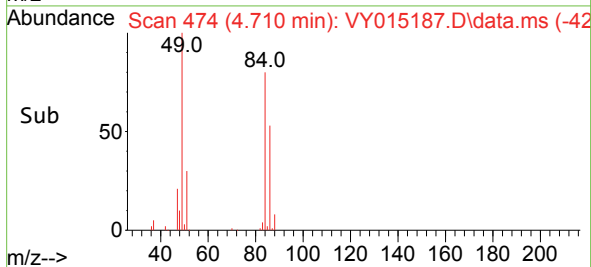
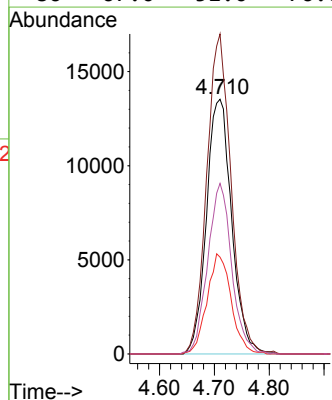
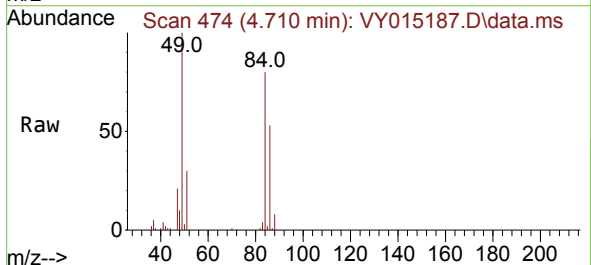
Instrument :
MSVOA_Y
ClientSampleId :

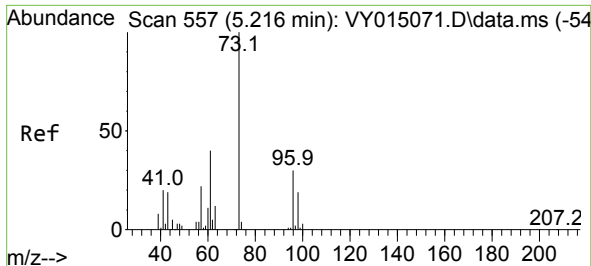
Tgt Ion: 73 Resp: 102056
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 23.830 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

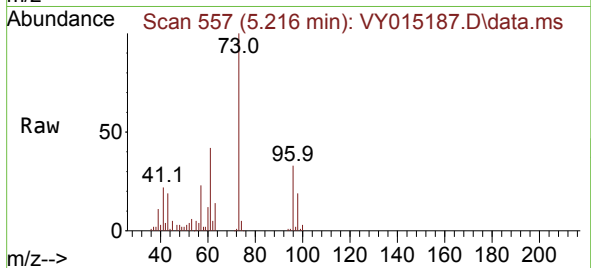
Tgt Ion: 84 Resp: 43192
Ion Ratio Lower Upper
84 100
49 125.6 106.9 160.3
51 38.0 33.2 49.8
86 67.0 51.0 76.6



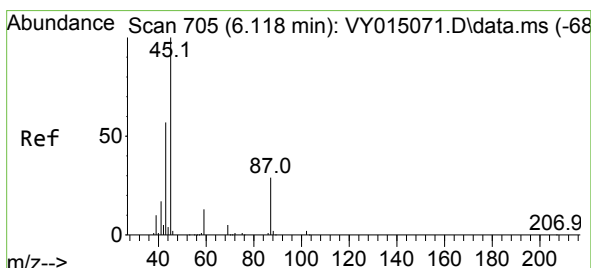
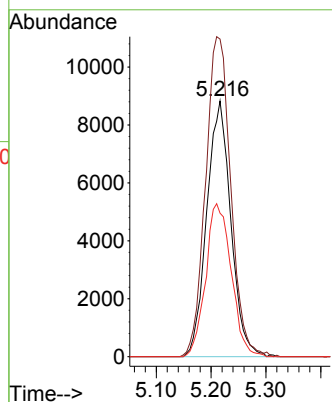
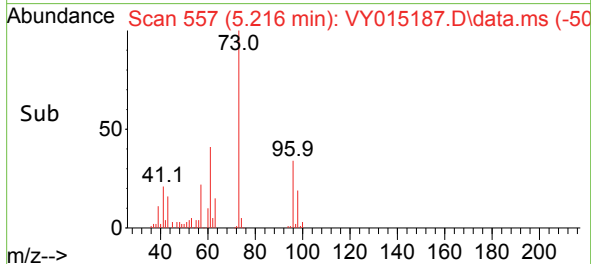


#21
trans-1,2-Dichloroethene
Concen: 19.535 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

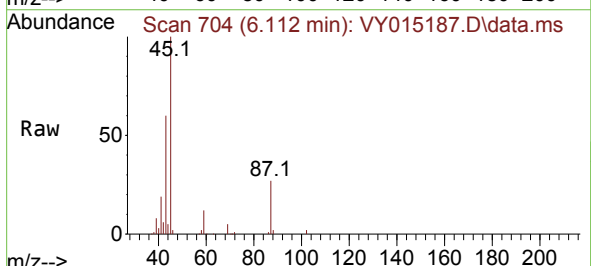
Instrument :
MSVOA_Y
ClientSampleId :



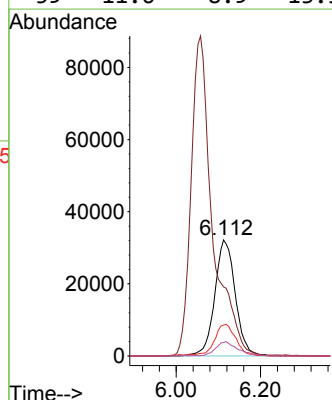
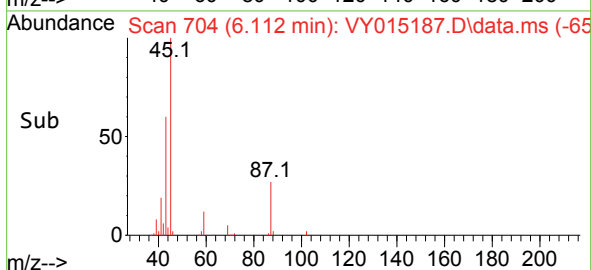
Tgt Ion: 96 Resp: 26996
Ion Ratio Lower Upper
96 100
61 124.2 110.2 165.4
98 56.1 51.8 77.6

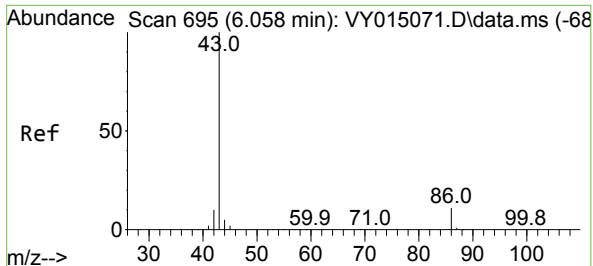


#22
Diisopropyl ether
Concen: 20.023 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36



Tgt Ion: 45 Resp: 108524
Ion Ratio Lower Upper
45 100
43 58.9 52.2 78.4
87 26.6 21.0 31.6
59 11.6 8.9 13.3

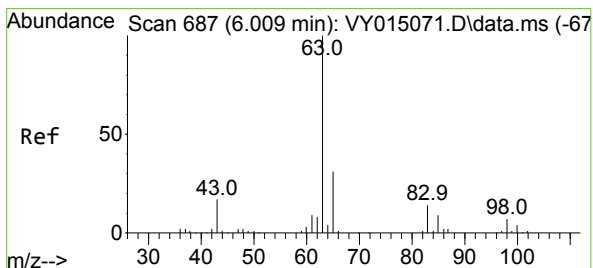
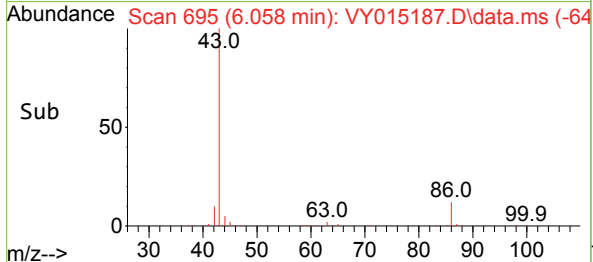
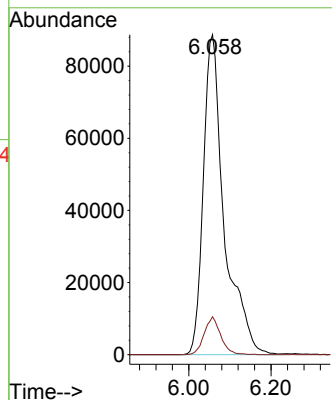
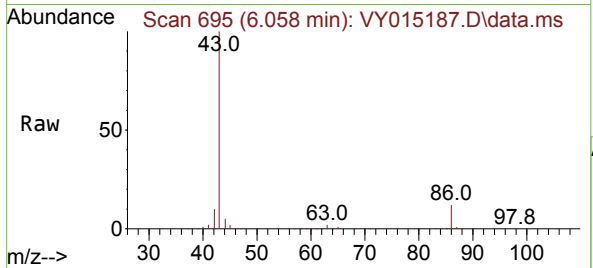




#23
 Vinyl Acetate
 Concen: 96.869 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015187.D
 Acq: 18 Aug 2023 11:36

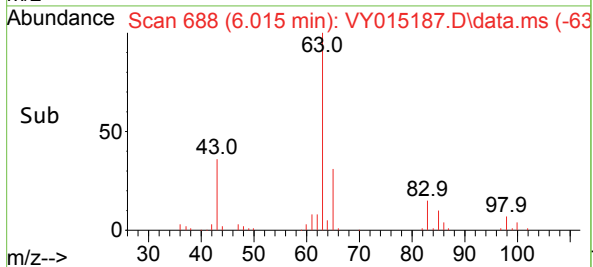
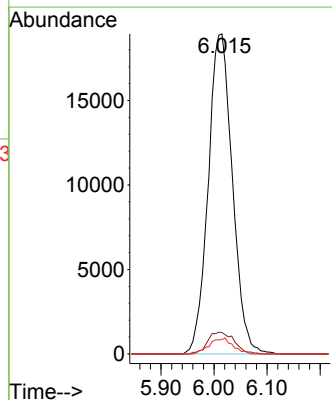
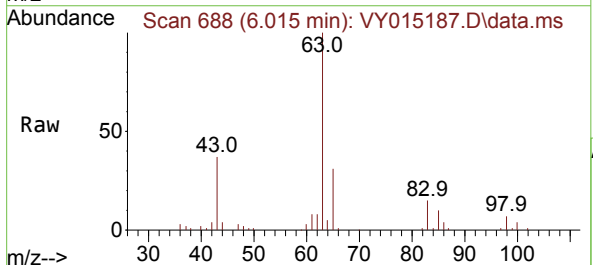
Instrument :
 MSVOA_Y
 ClientSampleId :

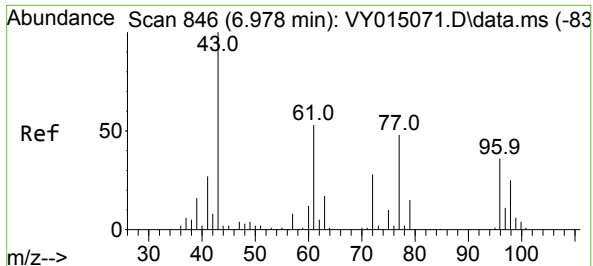
Tgt Ion: 43 Resp: 313281
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.468 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015187.D
 Acq: 18 Aug 2023 11:36

Tgt Ion: 63 Resp: 60060
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 103.342 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

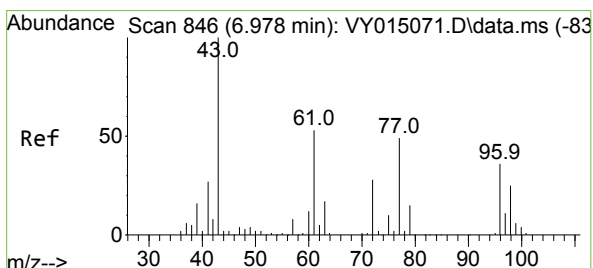
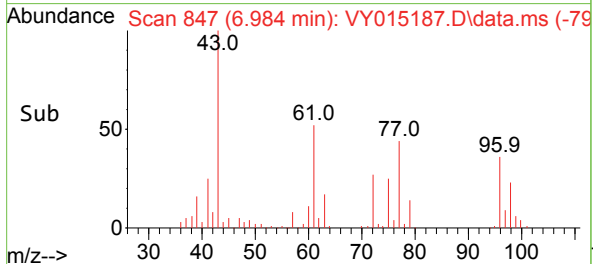
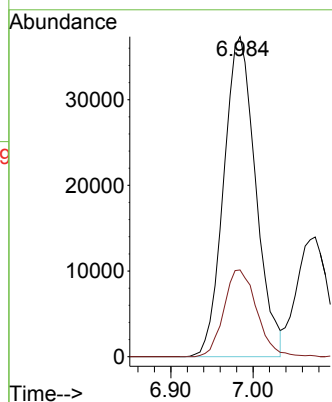
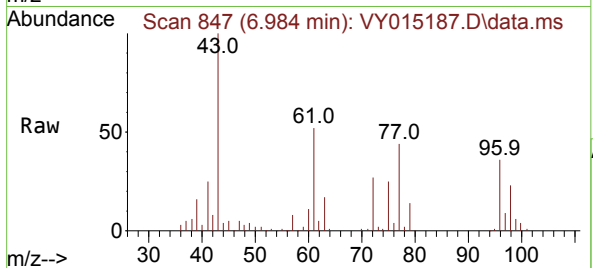
ClientSampleId :

Tgt Ion: 43 Resp: 101027

Ion Ratio Lower Upper

43 100

72 27.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.655 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015187.D

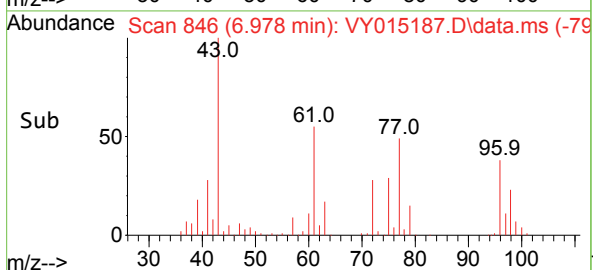
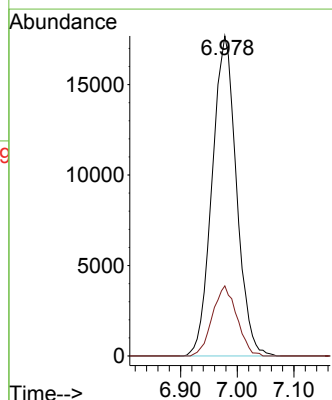
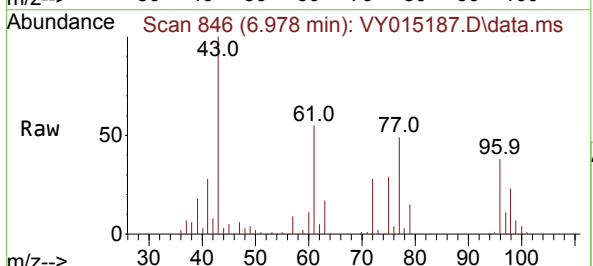
Acq: 18 Aug 2023 11:36

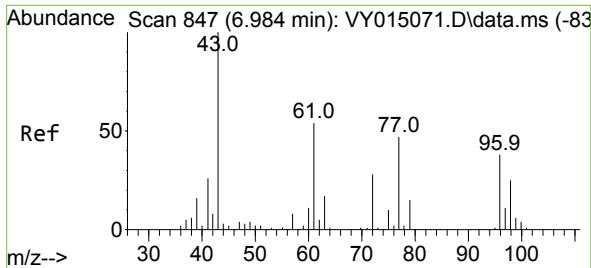
Tgt Ion: 77 Resp: 52771

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9

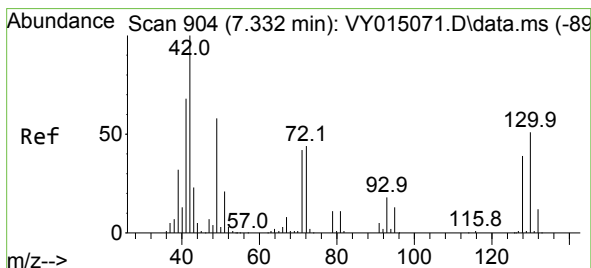
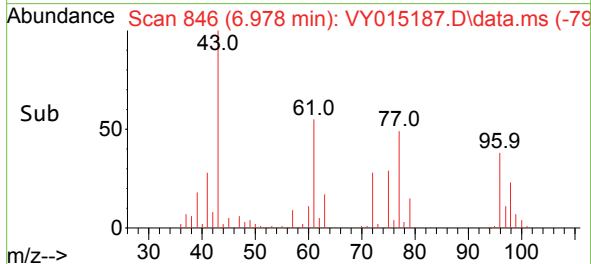
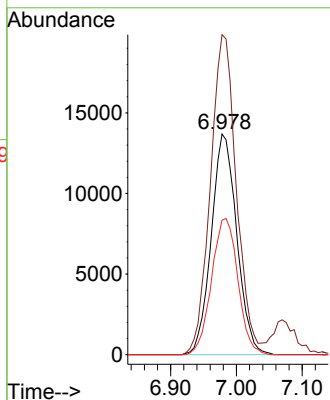
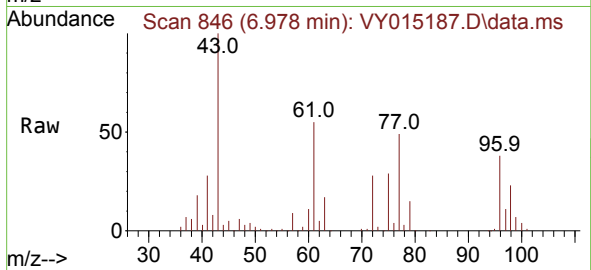




#27
 cis-1,2-Dichloroethene
 Concen: 19.586 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY015187.D
 Acq: 18 Aug 2023 11:36

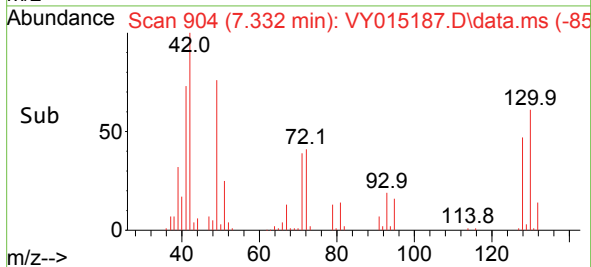
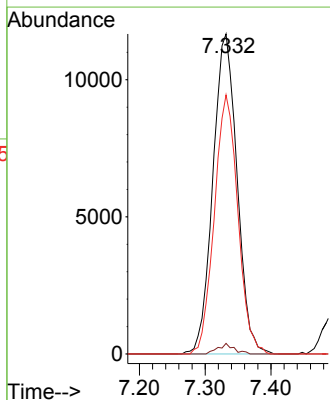
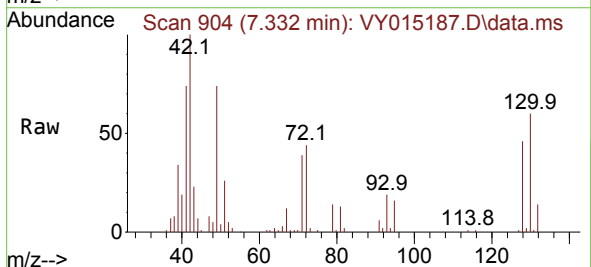
Instrument :
 MSVOA_Y
 ClientSampleId :

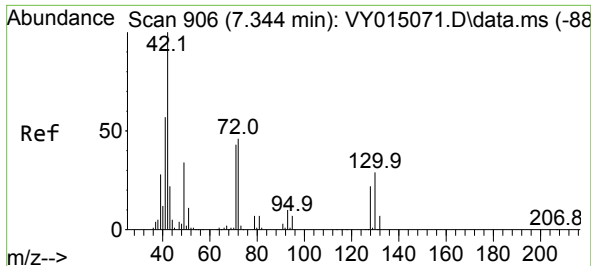
Tgt Ion: 96 Resp: 36973
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 301.4
 98 63.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 22.160 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015187.D
 Acq: 18 Aug 2023 11:36

Tgt Ion: 49 Resp: 29875
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 78.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 102.341 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

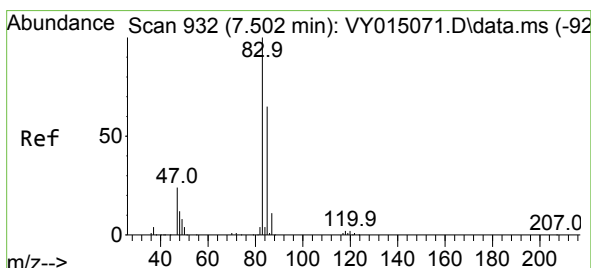
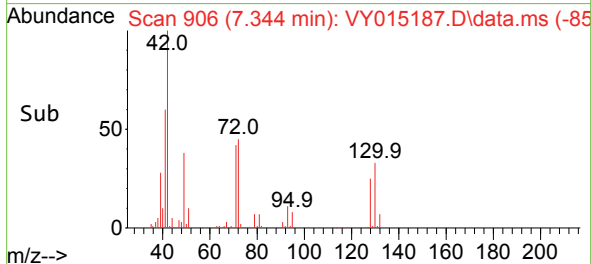
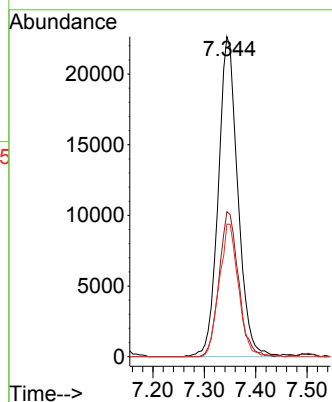
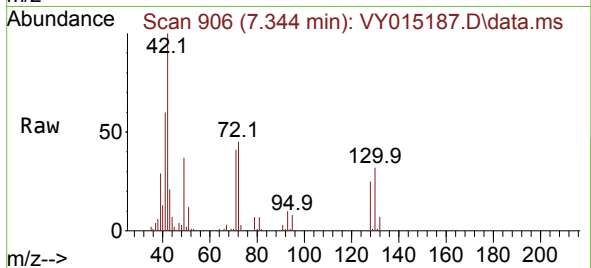
Tgt Ion: 42 Resp: 59823

Ion Ratio Lower Upper

42 100

72 44.9 32.8 49.2

71 40.9 31.0 46.4



#30

Chloroform

Concen: 20.225 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015187.D

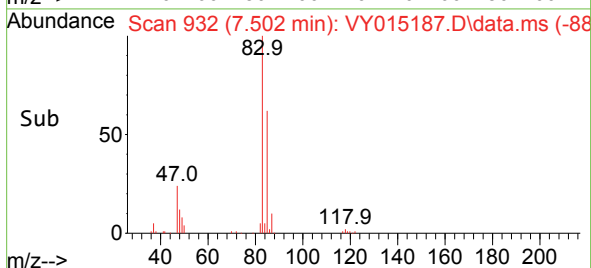
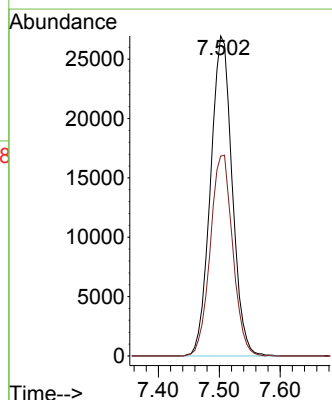
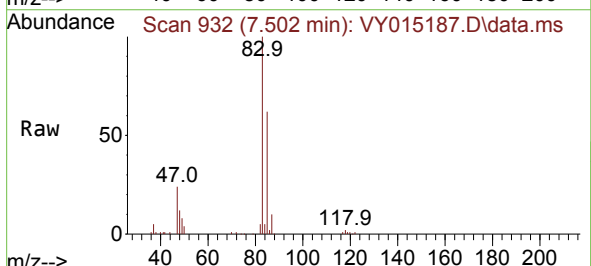
Acq: 18 Aug 2023 11:36

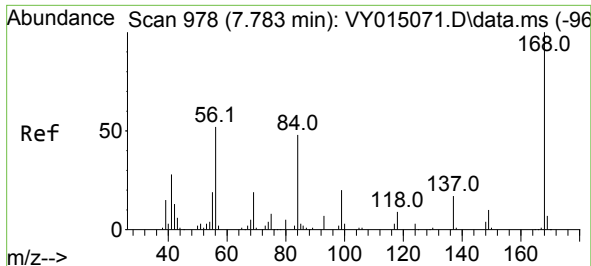
Tgt Ion: 83 Resp: 66529

Ion Ratio Lower Upper

83 100

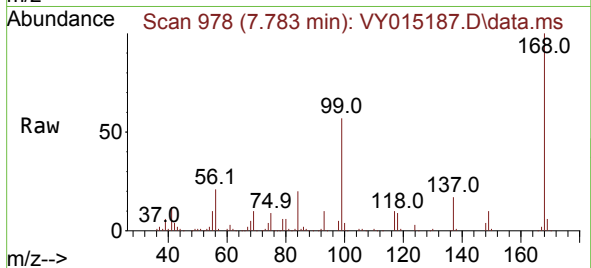
85 62.5 49.7 74.5



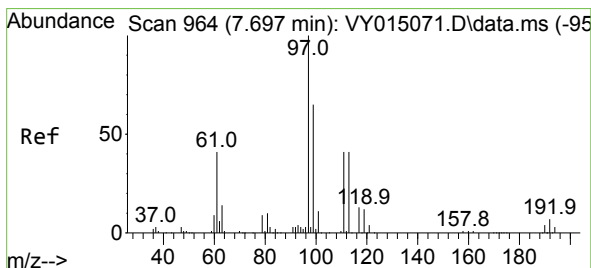
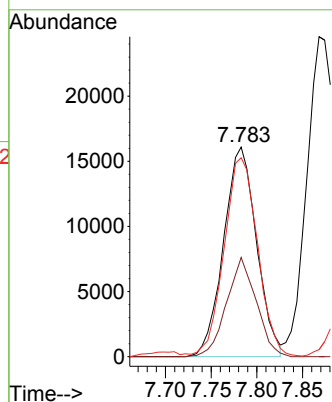
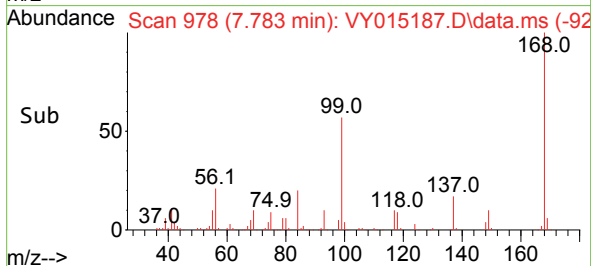


#31
Cyclohexane
Concen: 19.823 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Instrument :
MSVOA_Y
ClientSampleId :

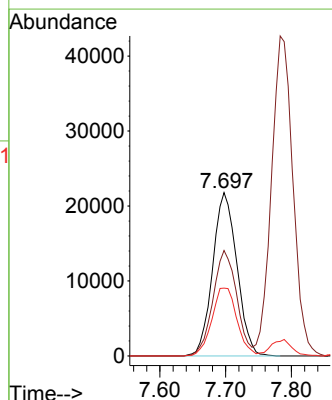
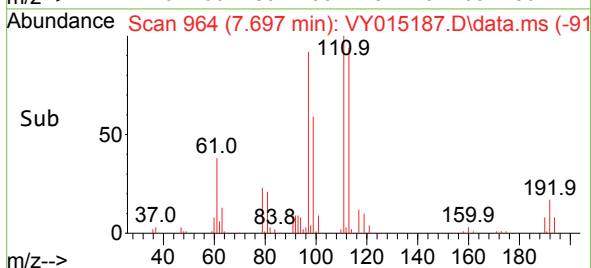
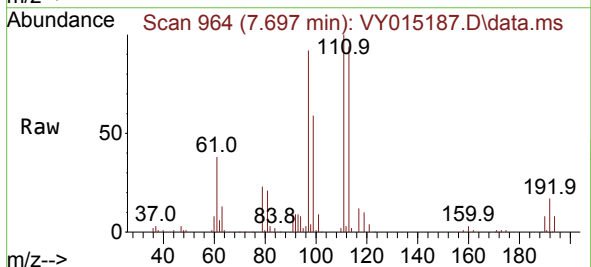


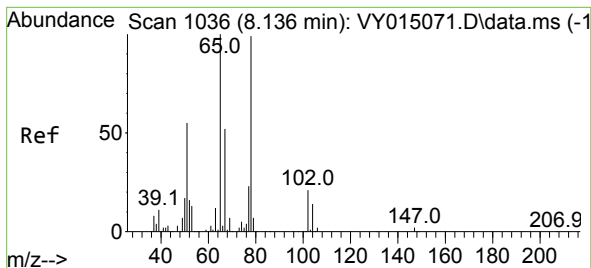
Tgt Ion: 56 Resp: 40331
Ion Ratio Lower Upper
56 100
69 46.8 27.8 41.6#
84 93.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.932 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 97 Resp: 55793
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.881 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

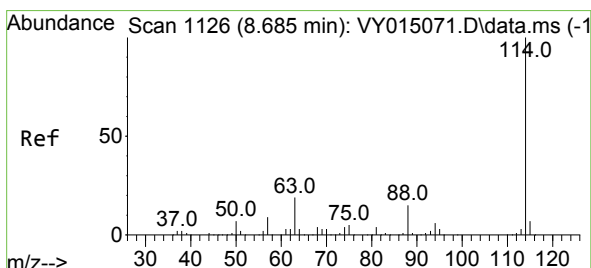
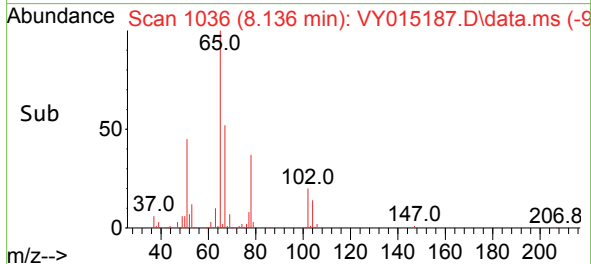
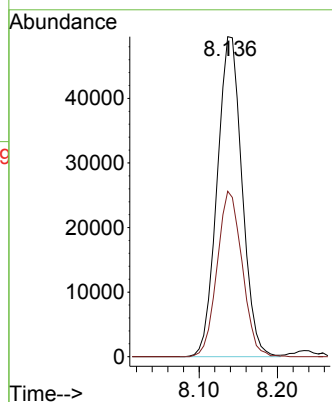
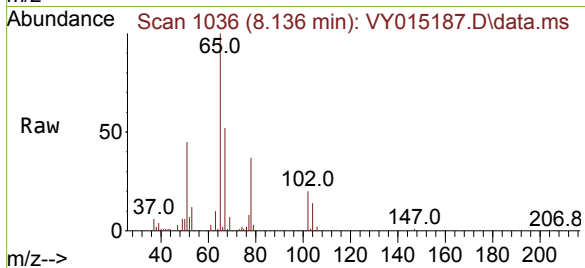
ClientSampleId :

Tgt Ion: 65 Resp: 109650

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

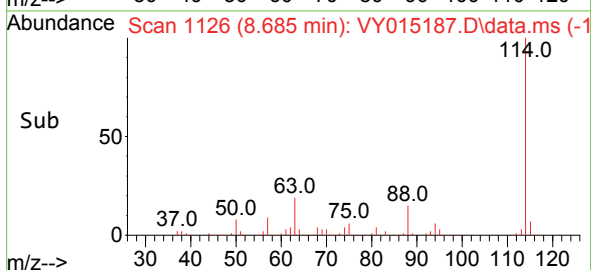
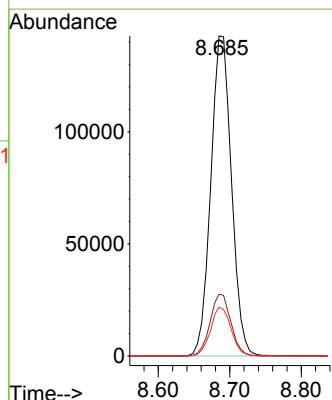
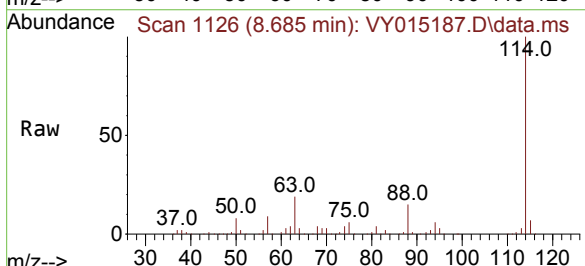
Tgt Ion: 114 Resp: 286434

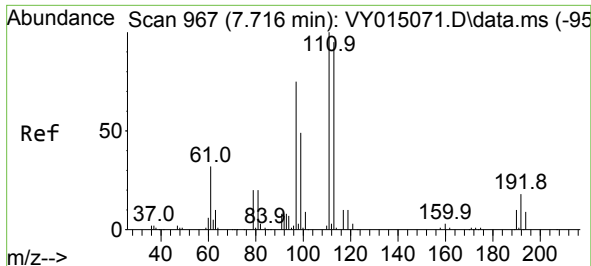
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.2 0.0 30.6

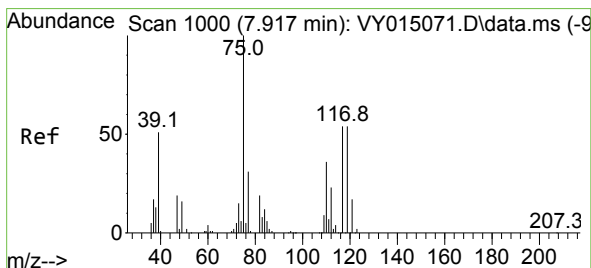
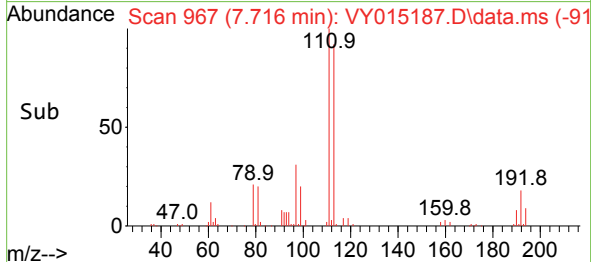
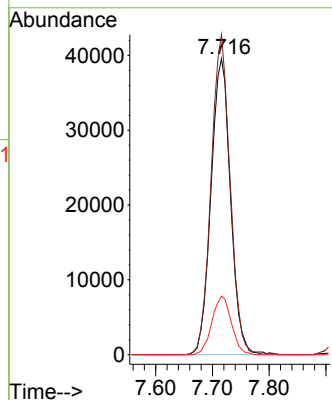
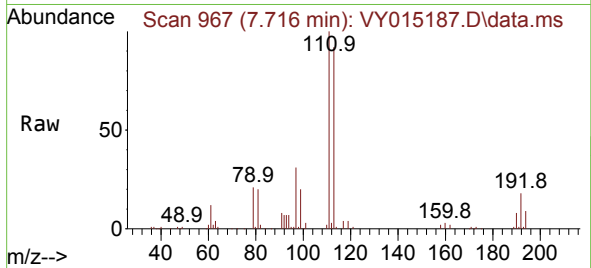




#35
Dibromofluoromethane
Concen: 51.277 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

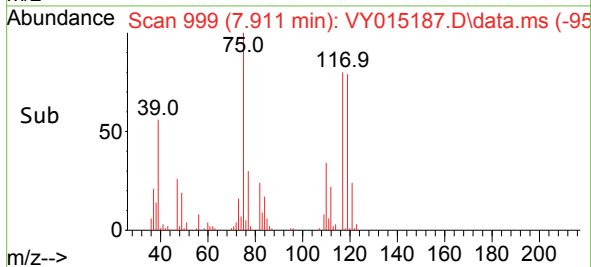
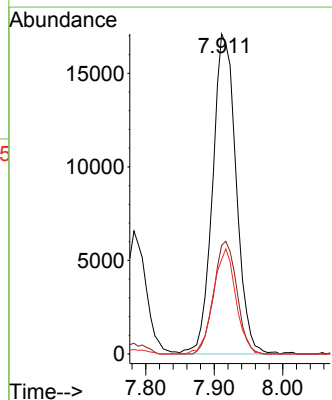
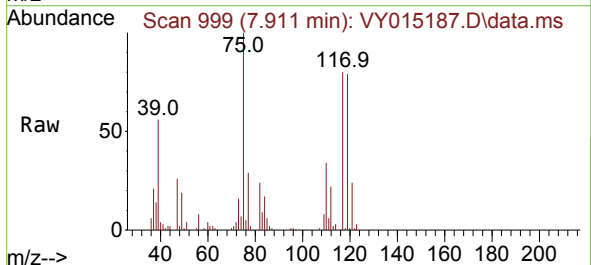
Instrument :
MSVOA_Y
ClientSampleId :

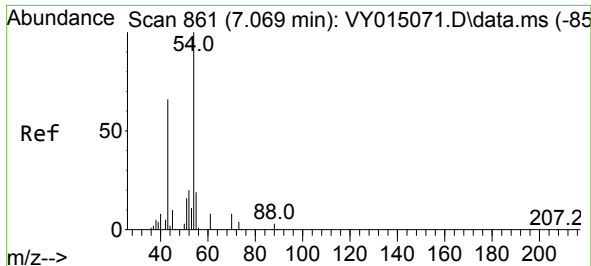
Tgt Ion:113 Resp: 94489
Ion Ratio Lower Upper
113 100
111 105.5 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.989 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 75 Resp: 40751
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.5
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 20.584 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

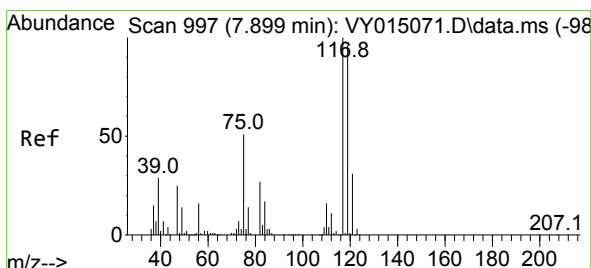
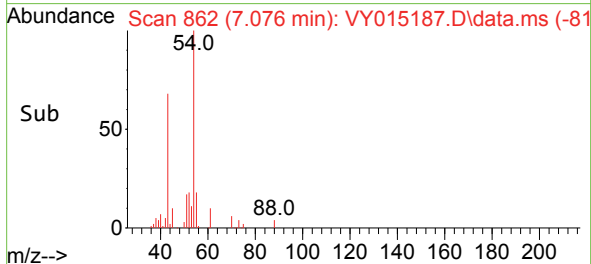
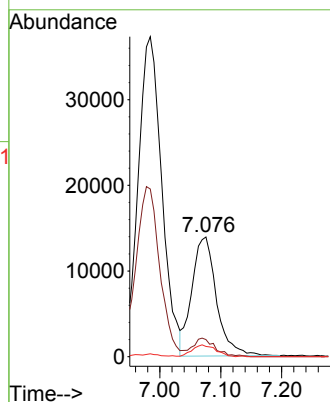
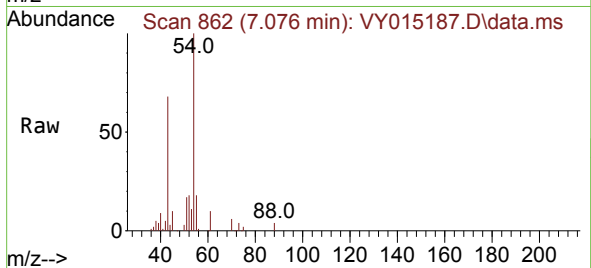
Tgt Ion: 43 Resp: 39115

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 9.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.580 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

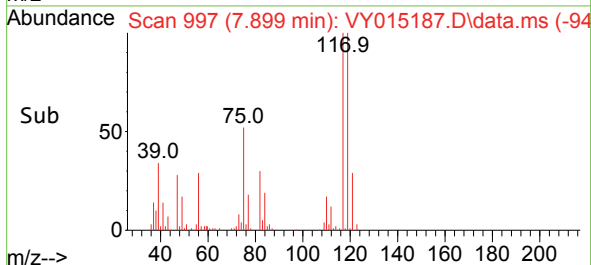
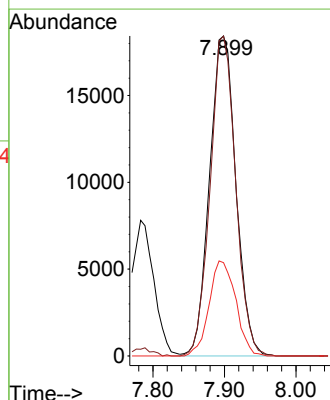
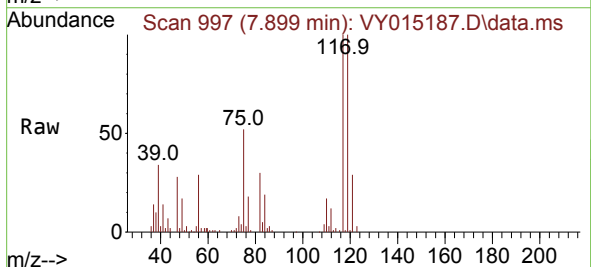
Tgt Ion: 117 Resp: 47241

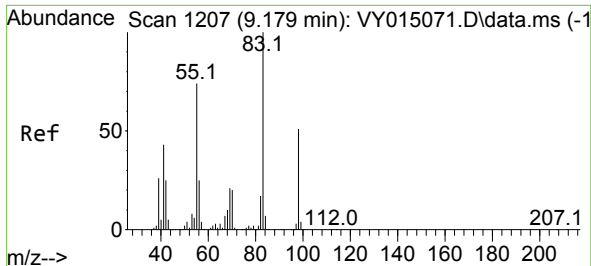
Ion Ratio Lower Upper

117 100

119 100.0 76.4 114.6

121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 19.228 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

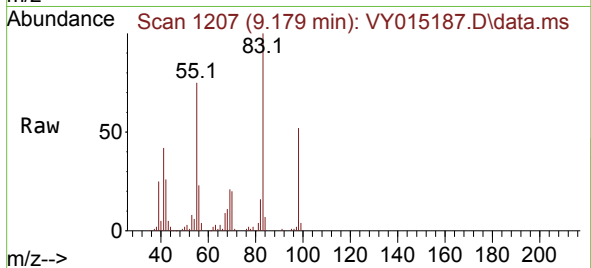
Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :



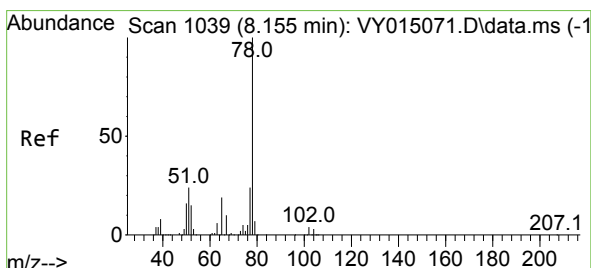
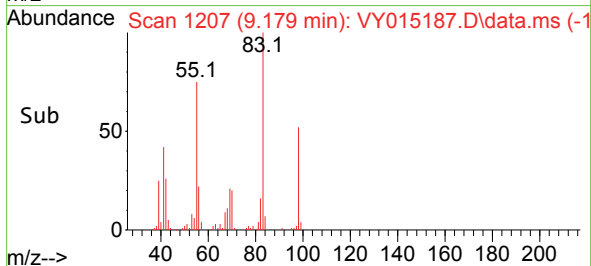
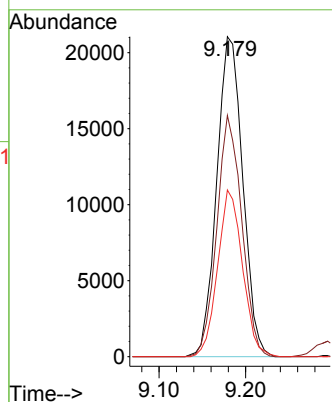
Tgt Ion: 83 Resp: 43943

Ion Ratio Lower Upper

83 100

55 75.4 63.0 94.4

98 52.1 37.4 56.2



#40

Benzene

Concen: 20.021 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015187.D

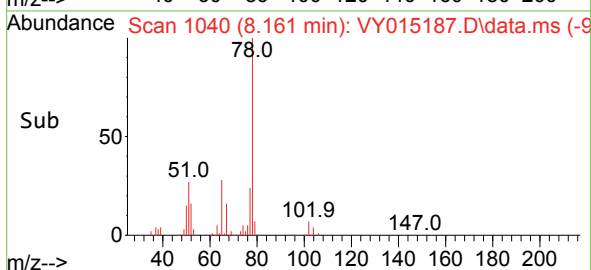
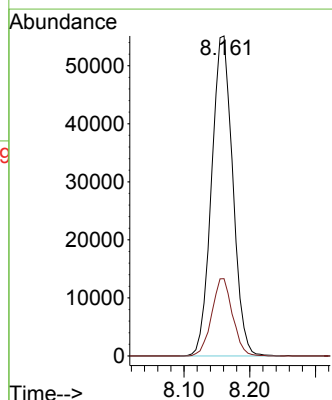
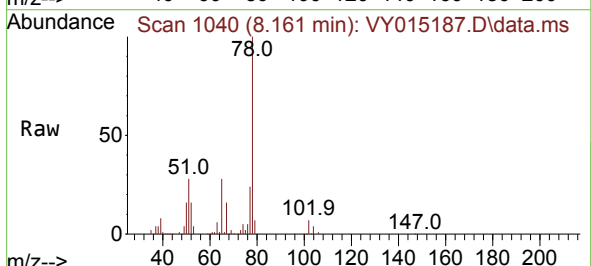
Acq: 18 Aug 2023 11:36

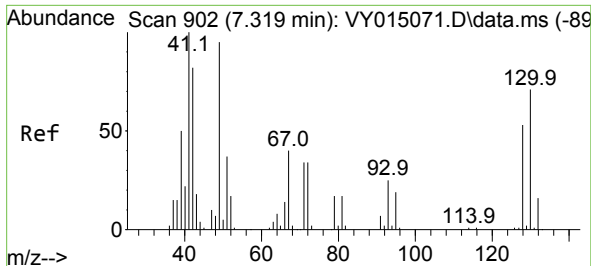
Tgt Ion: 78 Resp: 123401

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

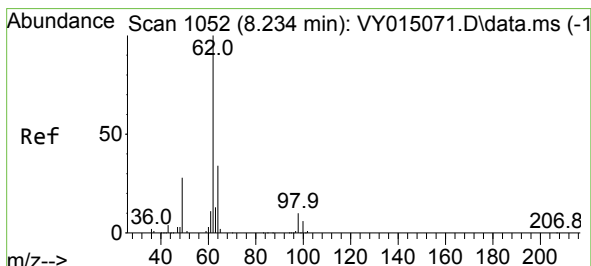
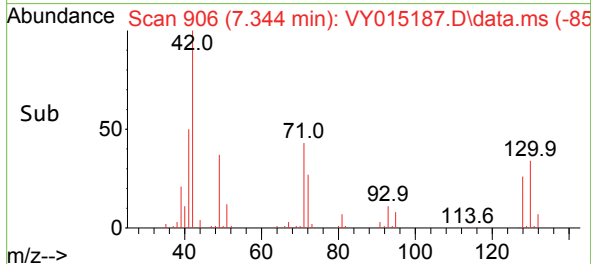
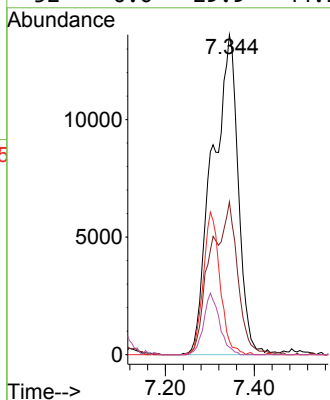
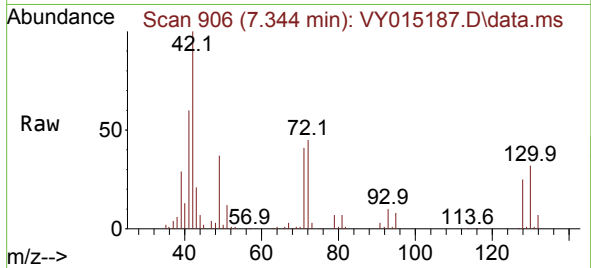




#41
Methacrylonitrile
Concen: 55.987 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

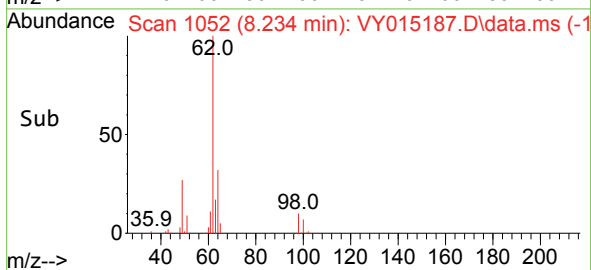
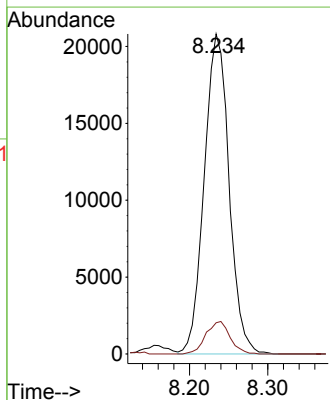
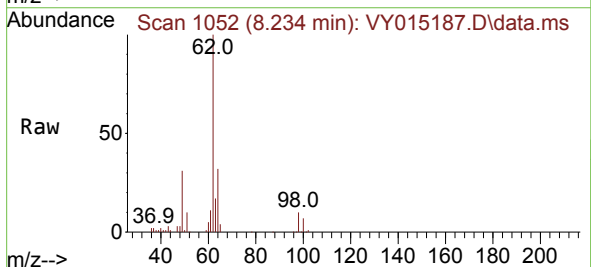
Instrument :
MSVOA_Y
ClientSampleId :

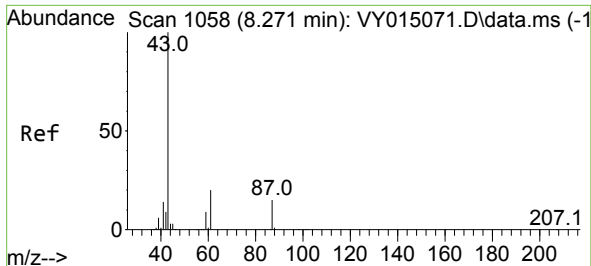
Tgt Ion: 41 Resp: 54860
Ion Ratio Lower Upper
41 100
39 25.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.495 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

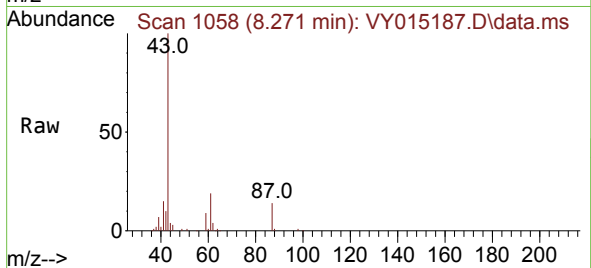
Tgt Ion: 62 Resp: 45877
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



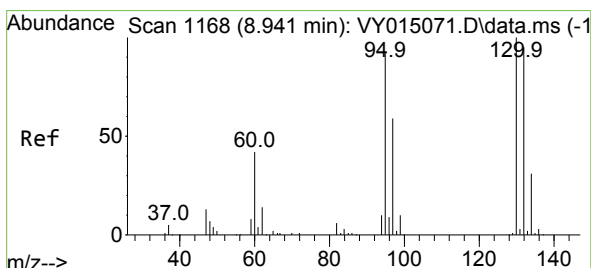
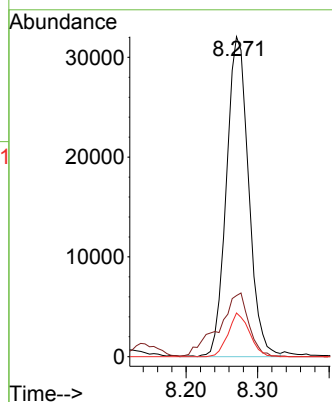
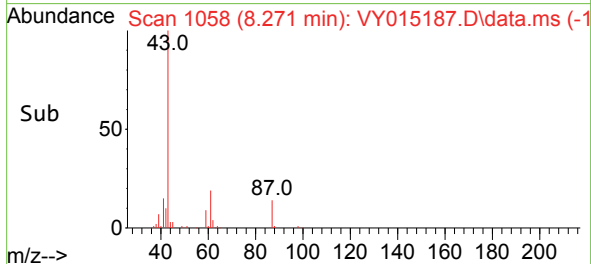


#43
Isopropyl Acetate
Concen: 19.982 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Instrument :
MSVOA_Y
ClientSampleId :

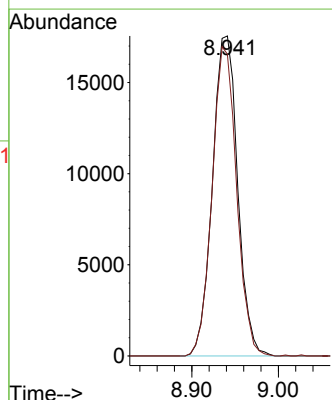
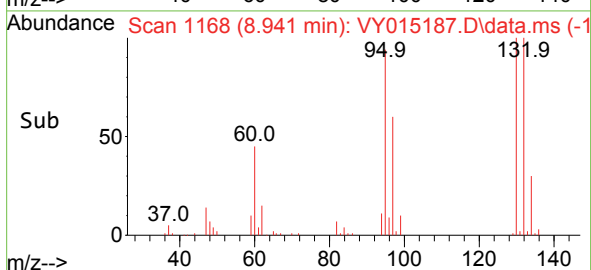
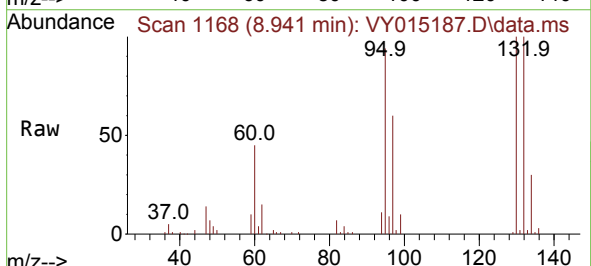


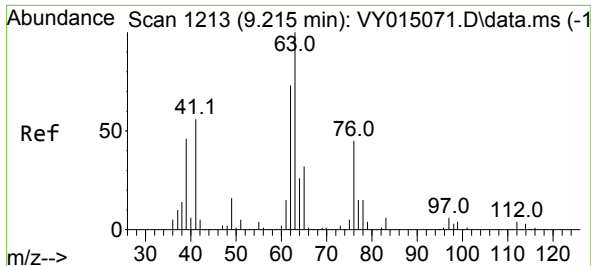
Tgt Ion: 43 Resp: 69148
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 13.1 9.8 14.8



#44
Trichloroethene
Concen: 19.980 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion:130 Resp: 35478
Ion Ratio Lower Upper
130 100
95 94.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.249 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

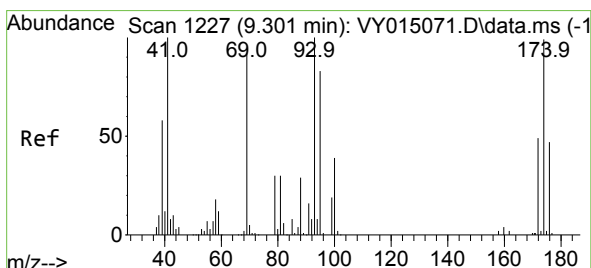
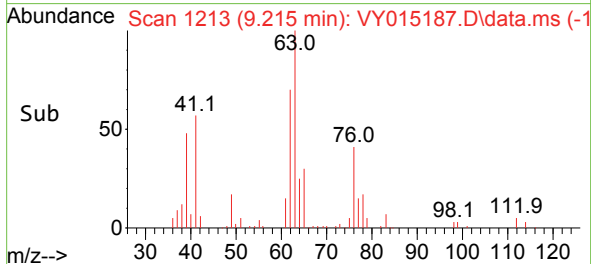
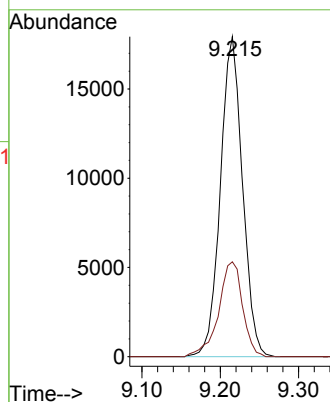
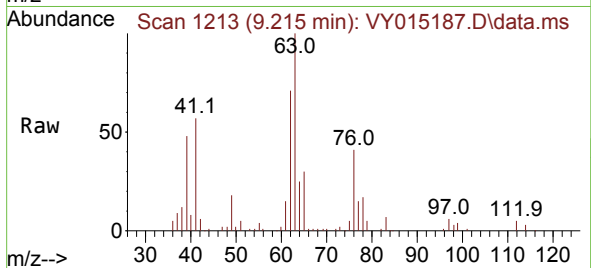
ClientSampleId :

Tgt Ion: 63 Resp: 35193

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.6



#46

Dibromomethane

Concen: 20.031 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

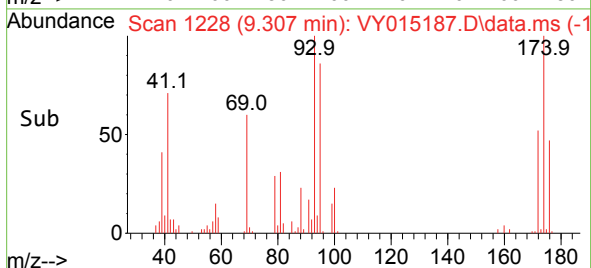
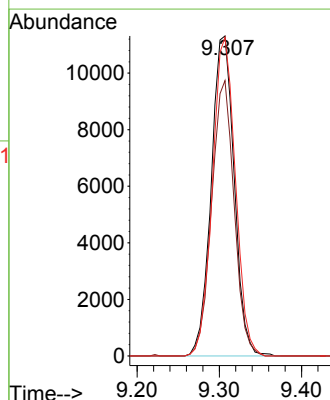
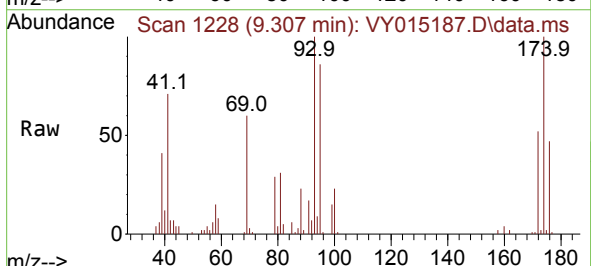
Tgt Ion: 93 Resp: 21958

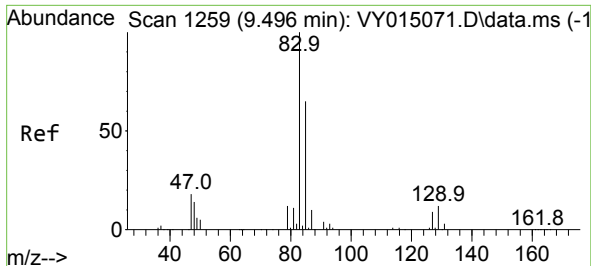
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 99.6 84.8 127.2

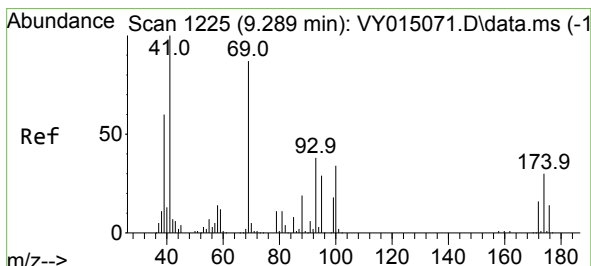
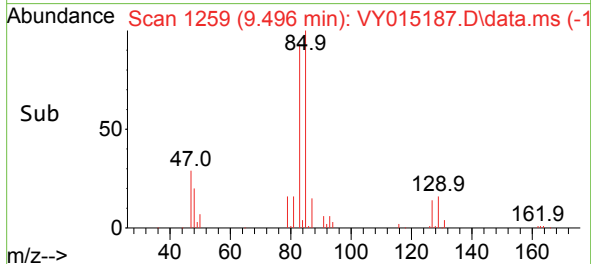
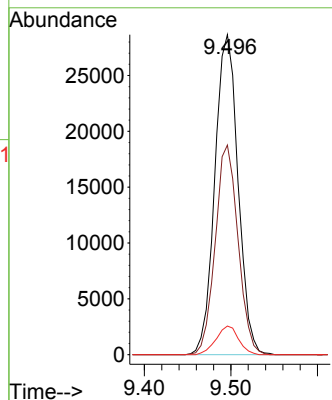
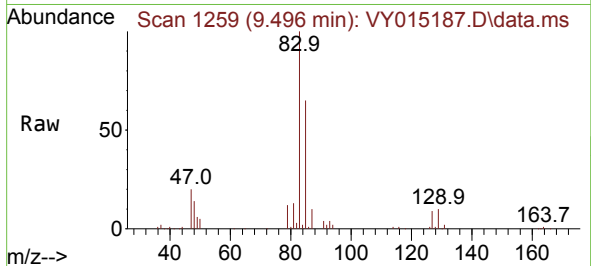




#47
Bromodichloromethane
Concen: 20.364 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

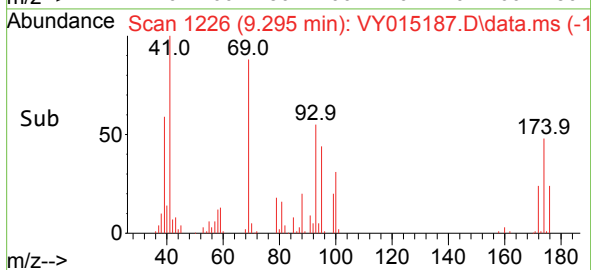
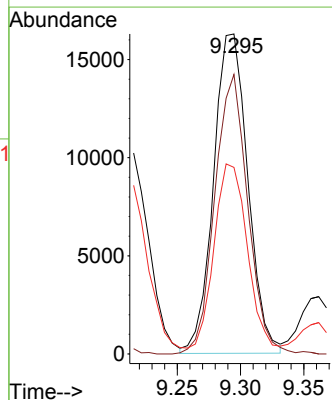
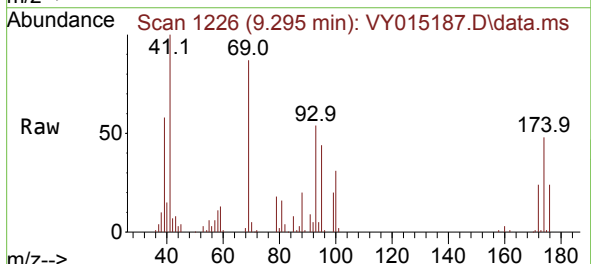
Instrument :
MSVOA_Y
ClientSampleId :

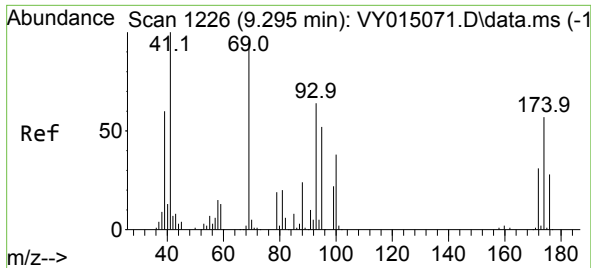
Tgt Ion: 83 Resp: 53268
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 20.779 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 41 Resp: 30760
Ion Ratio Lower Upper
41 100
69 84.0 64.5 96.7
39 58.9 50.8 76.2

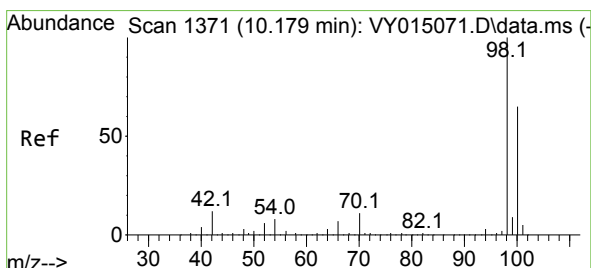
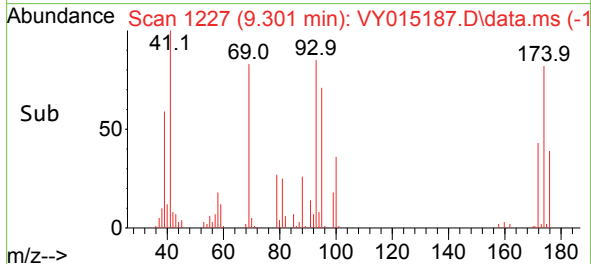
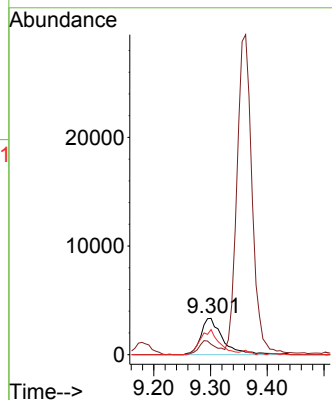
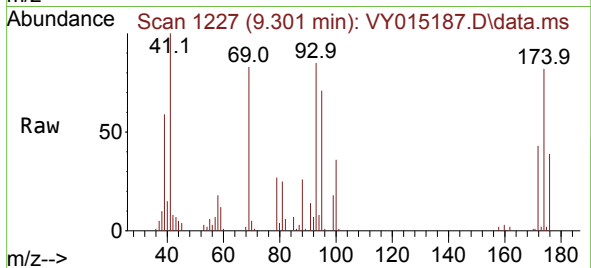




#49
1,4-Dioxane
Concen: 411.635 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

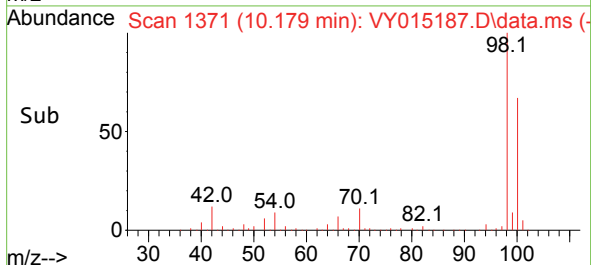
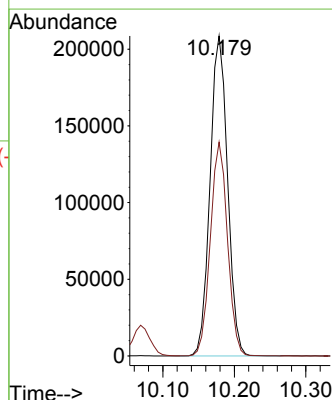
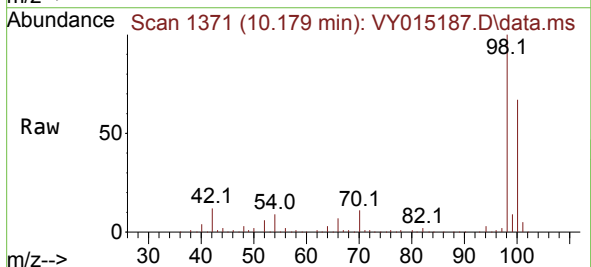
Instrument :
MSVOA_Y
ClientSampleId :

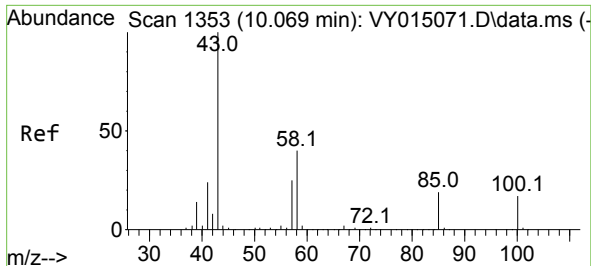
Tgt Ion: 88 Resp: 9023
Ion Ratio Lower Upper
88 100
43 26.9 0.0 0.0#
58 59.8 30.9 46.3#



#50
Toluene-d8
Concen: 51.720 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 98 Resp: 354786
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

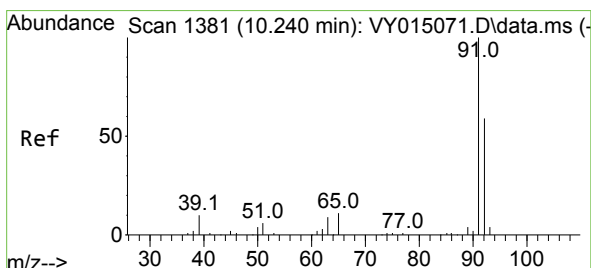
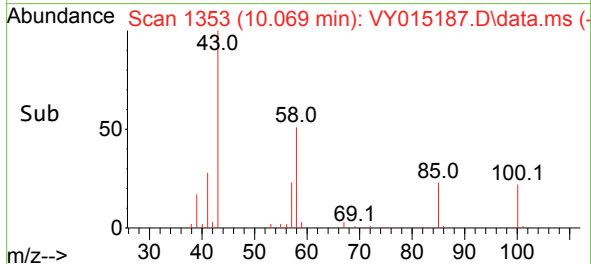
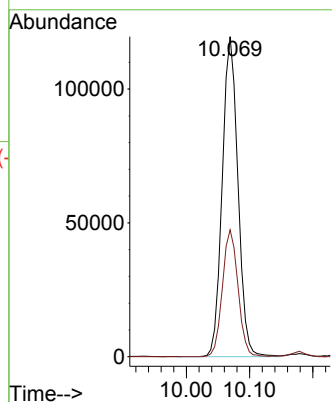
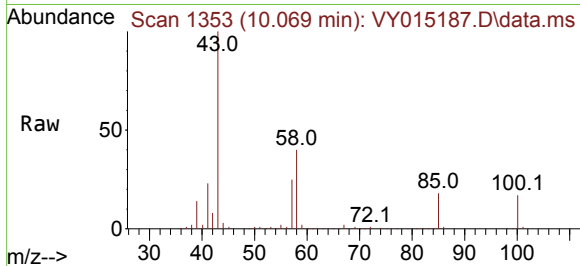




#51
4-Methyl-2-Pentanone
Concen: 102.389 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

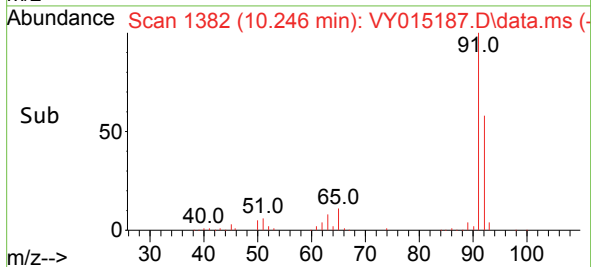
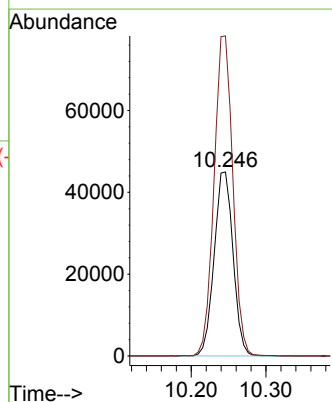
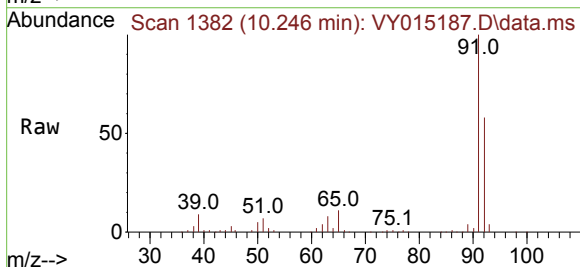
Instrument :
MSVOA_Y
ClientSampleId :

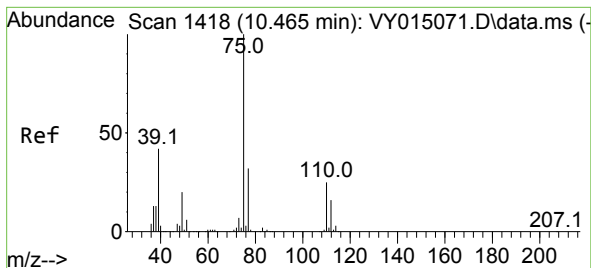
Tgt Ion: 43 Resp: 205347
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 19.435 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 92 Resp: 78956
Ion Ratio Lower Upper
92 100
91 173.4 143.8 215.6

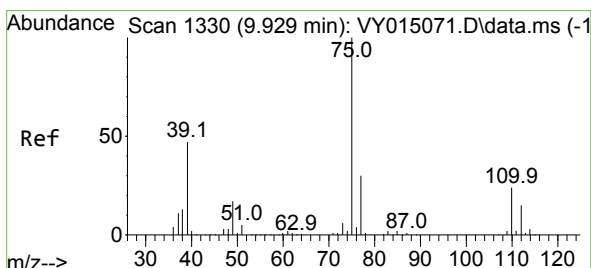
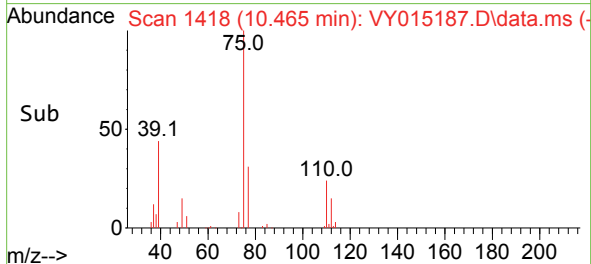
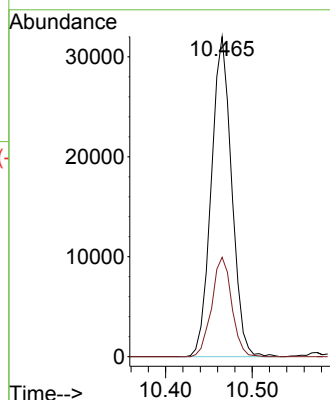
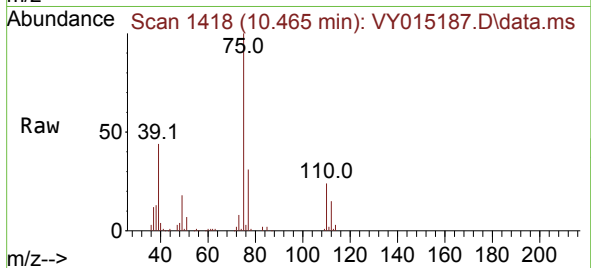




#53
t-1,3-Dichloropropene
Concen: 19.056 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

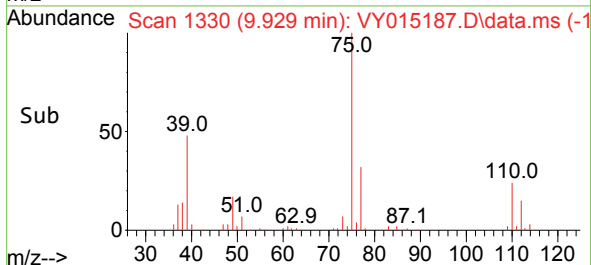
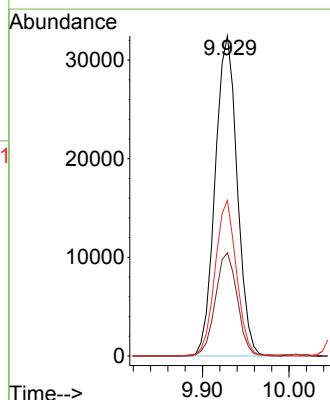
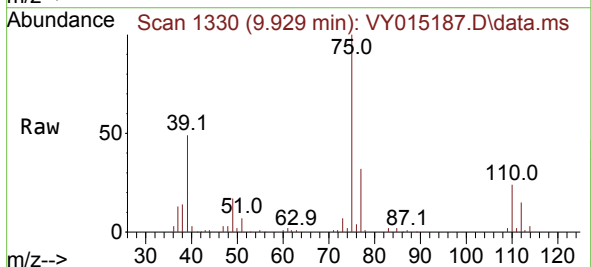
Instrument :
MSVOA_Y
ClientSampleId :

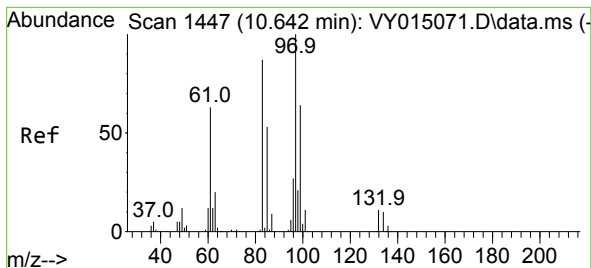
Tgt Ion: 75 Resp: 52385
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.791 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 75 Resp: 57298
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 48.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.111 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 33521

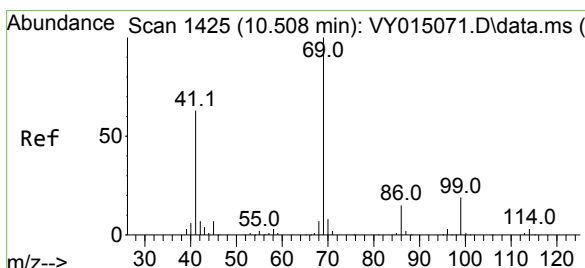
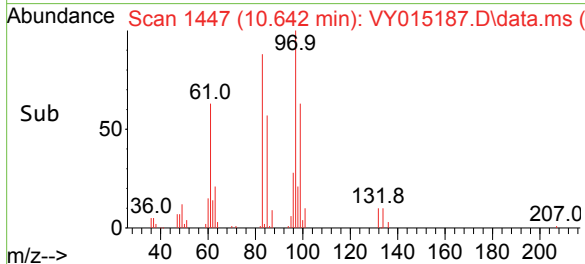
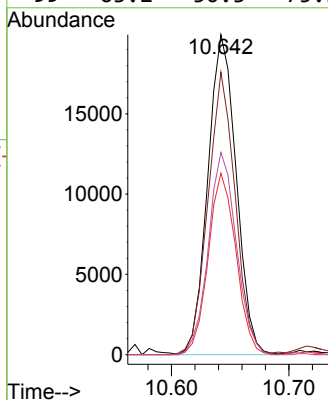
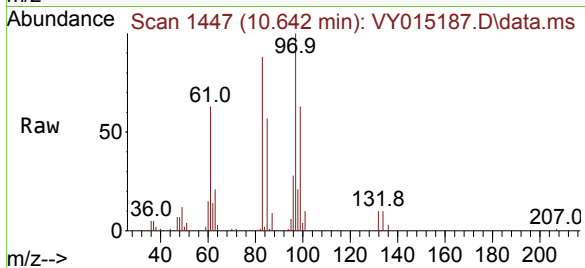
Ion Ratio Lower Upper

97 100

83 87.9 72.0 108.0

85 56.7 45.4 68.0

99 63.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.385 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

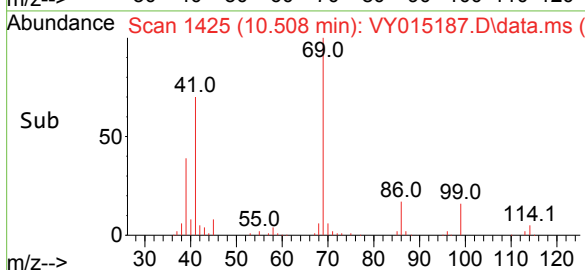
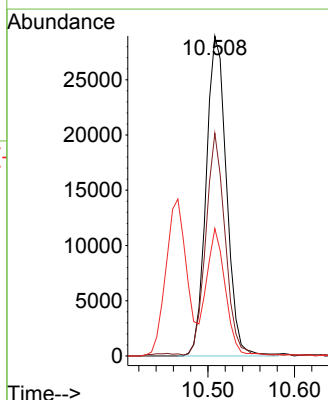
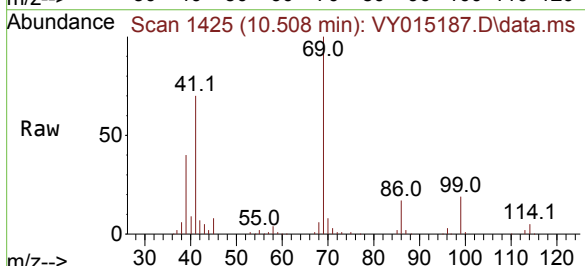
Tgt Ion: 69 Resp: 47286

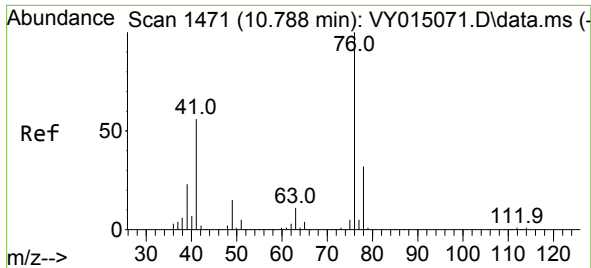
Ion Ratio Lower Upper

69 100

41 65.5 57.6 86.4

39 36.8 34.1 51.1

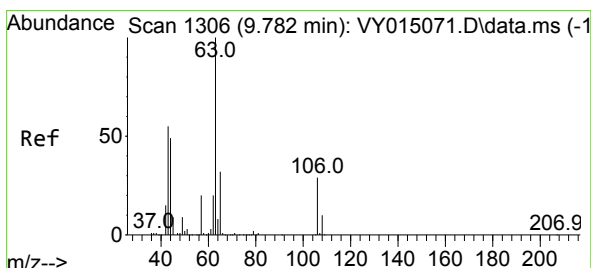
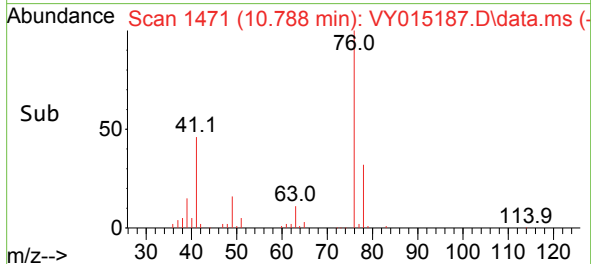
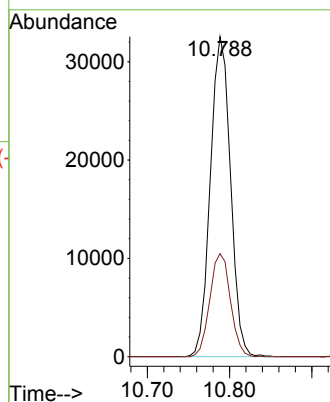
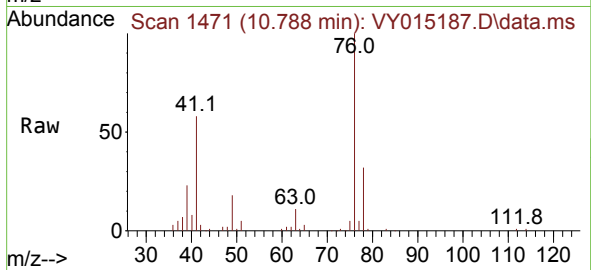




#57
1,3-Dichloropropane
Concen: 20.363 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

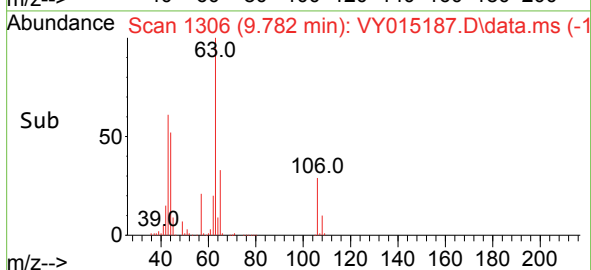
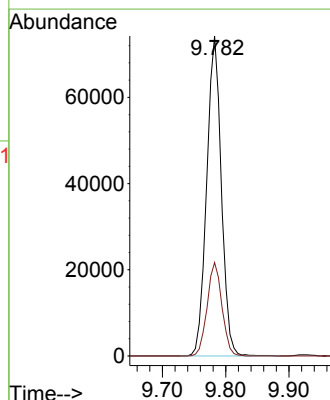
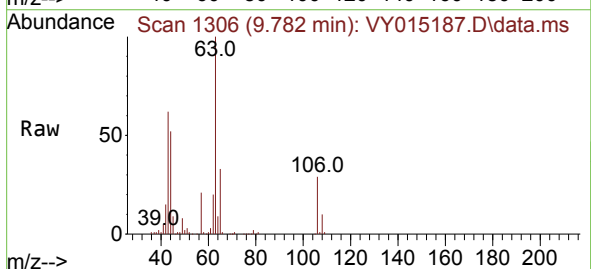
Instrument :
MSVOA_Y
ClientSampleId :

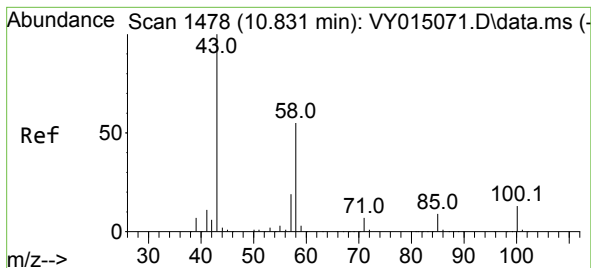
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.3	37.9



#58
2-Chloroethyl Vinyl ether
Concen: 105.373 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	21.2	31.8





#59

2-Hexanone

Concen: 103.341 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

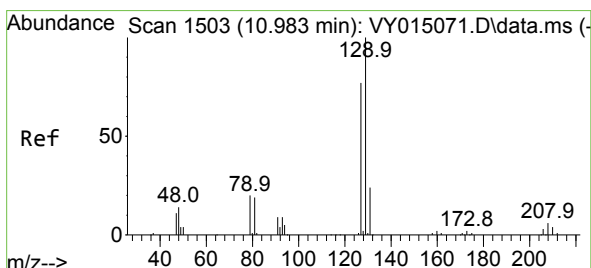
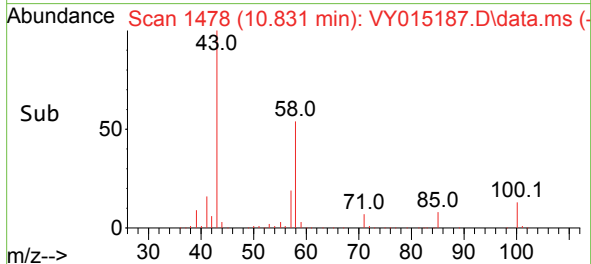
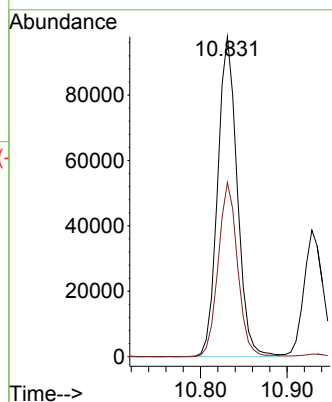
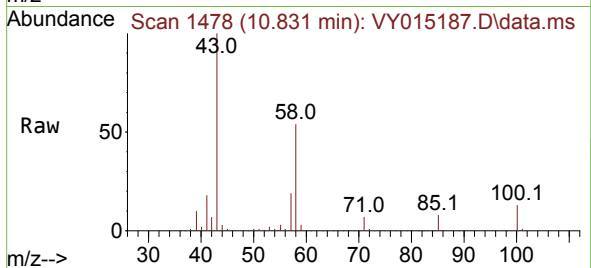
ClientSampleId :

Tgt Ion: 43 Resp: 153392

Ion Ratio Lower Upper

43 100

58 54.0 25.1 75.3



#60

Dibromochloromethane

Concen: 19.746 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY015187.D

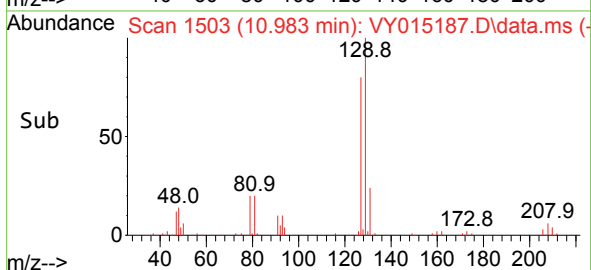
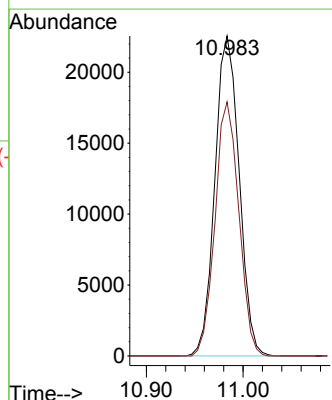
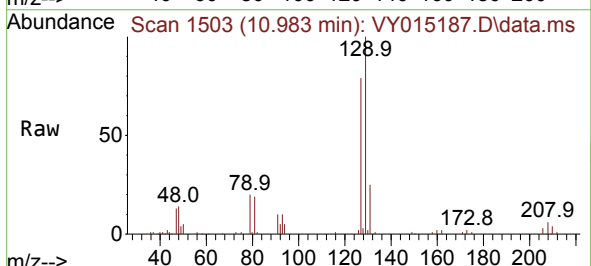
Acq: 18 Aug 2023 11:36

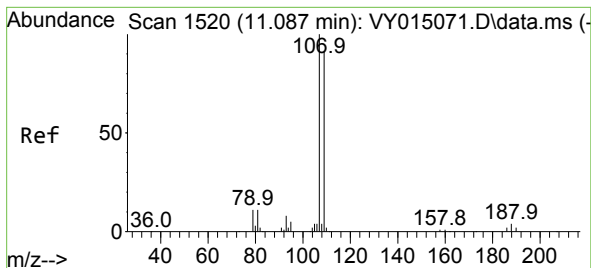
Tgt Ion:129 Resp: 39260

Ion Ratio Lower Upper

129 100

127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.955 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

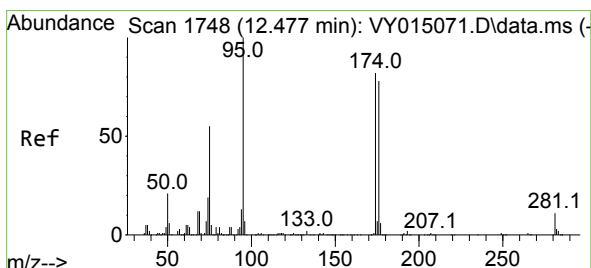
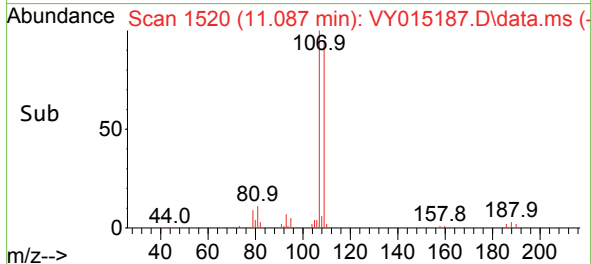
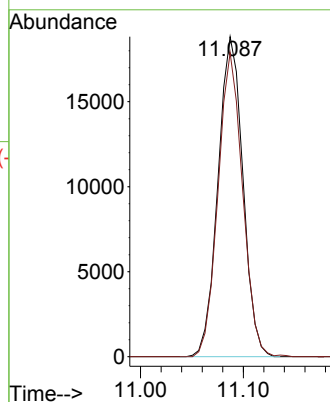
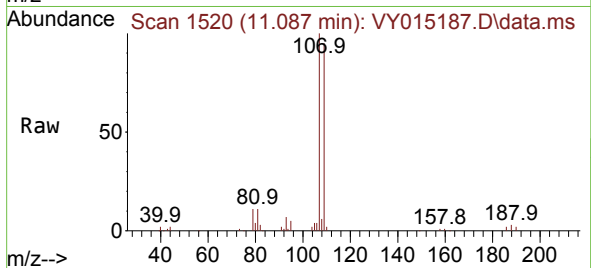
ClientSampleId :

Tgt Ion:107 Resp: 31597

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.553 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

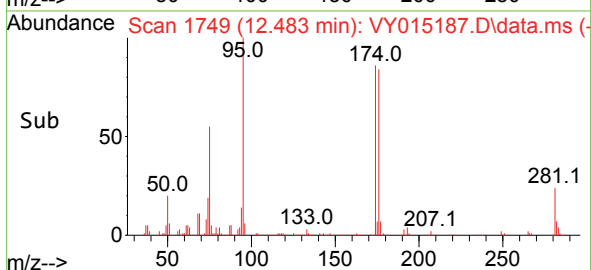
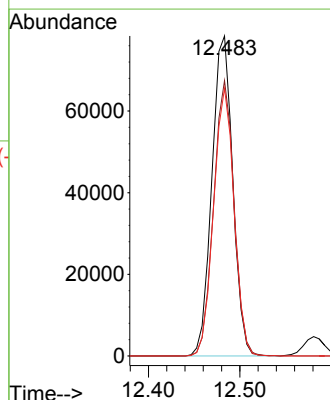
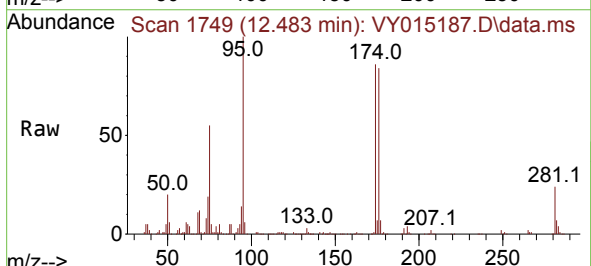
Tgt Ion: 95 Resp: 124153

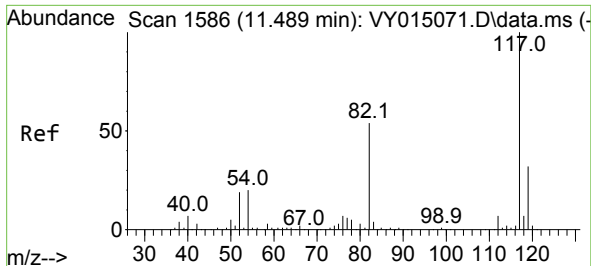
Ion Ratio Lower Upper

95 100

174 84.5 0.0 178.2

176 82.1 0.0 173.8

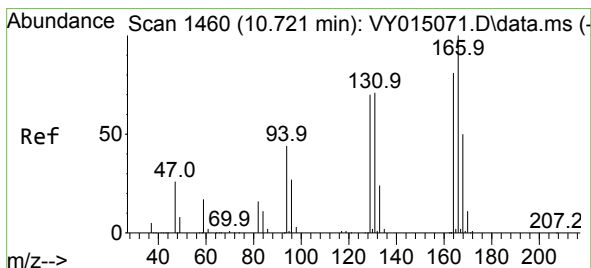
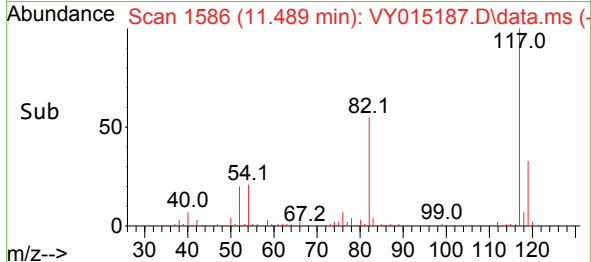
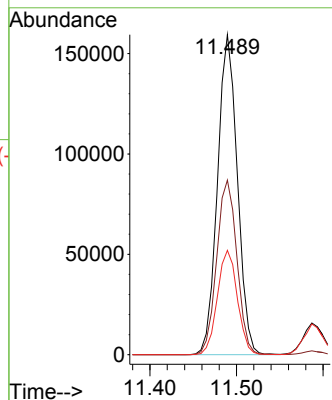
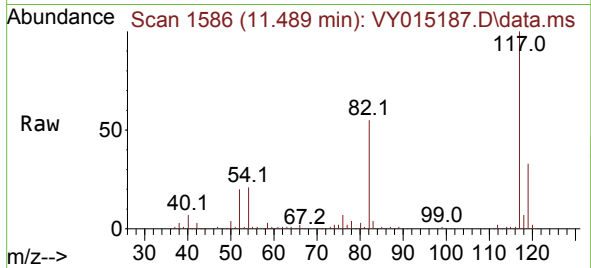




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

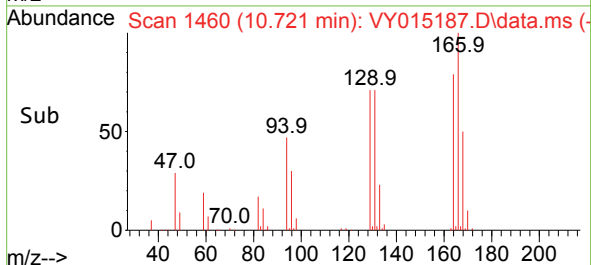
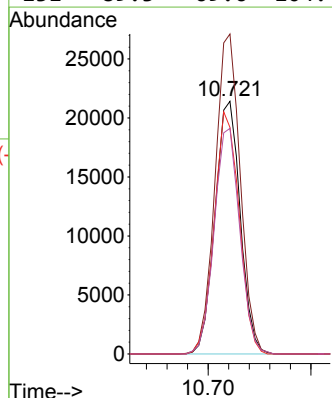
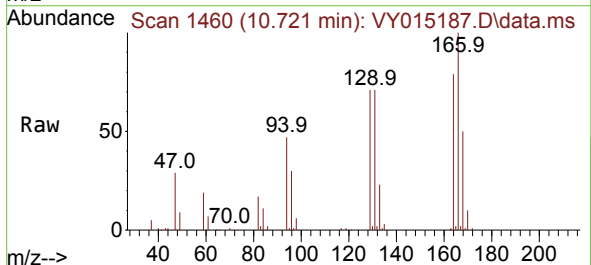
Instrument :
MSVOA_Y
ClientSampleId :

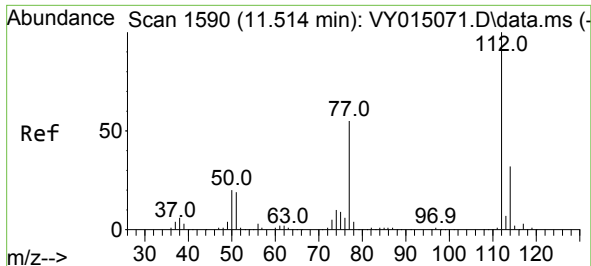
Tgt Ion:117 Resp: 254142
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 20.596 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion:164 Resp: 36468
Ion Ratio Lower Upper
164 100
166 126.6 103.0 154.6
129 89.7 77.2 115.8
131 89.3 69.6 104.4

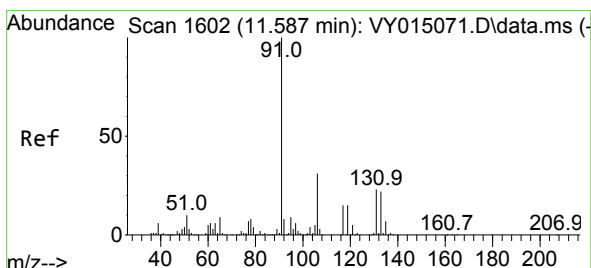
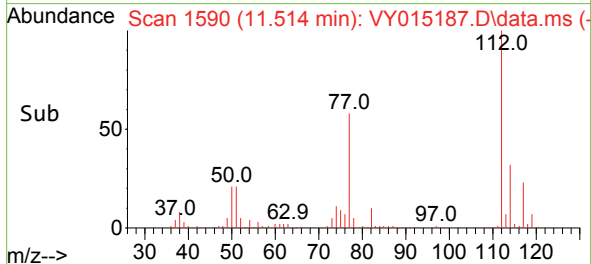
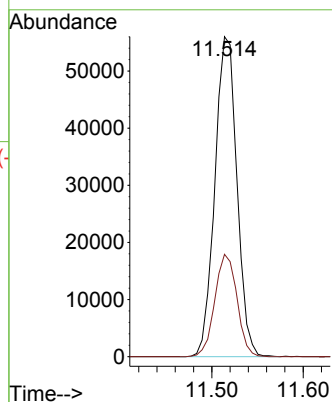
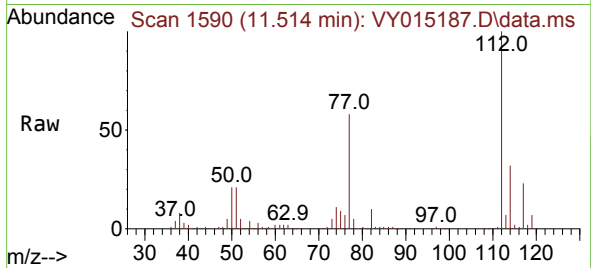




#65
Chlorobenzene
Concen: 20.276 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

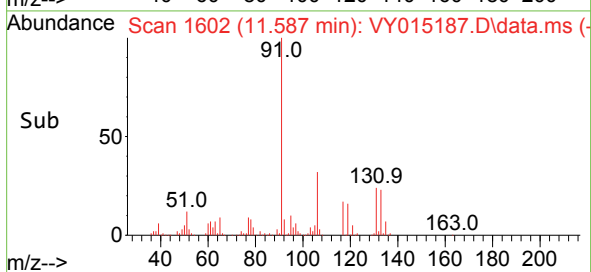
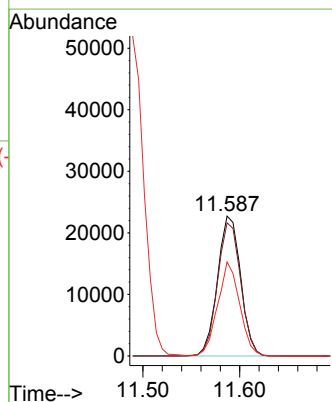
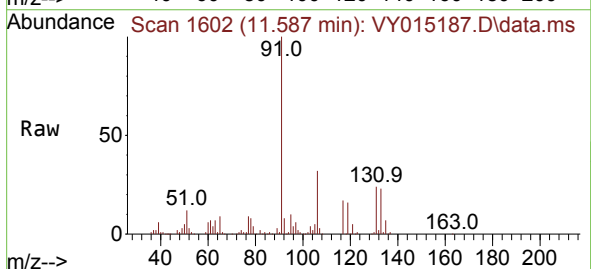
Instrument :
MSVOA_Y
ClientSampleId :

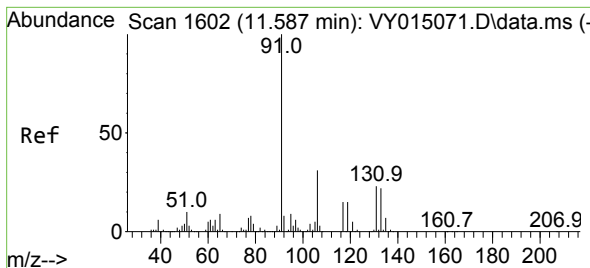
Tgt Ion:112 Resp: 93890
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.074 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion:131 Resp: 37716
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 20.023 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

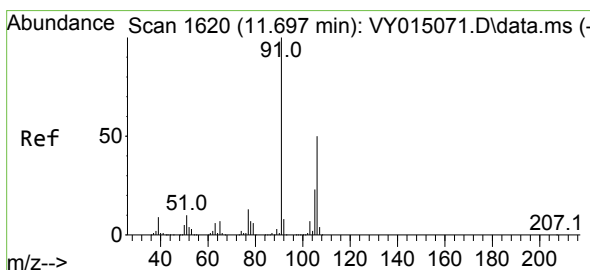
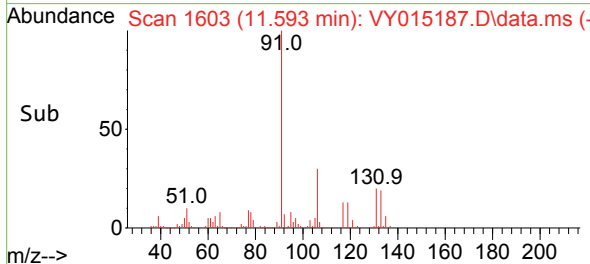
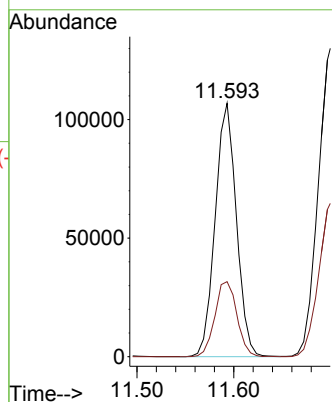
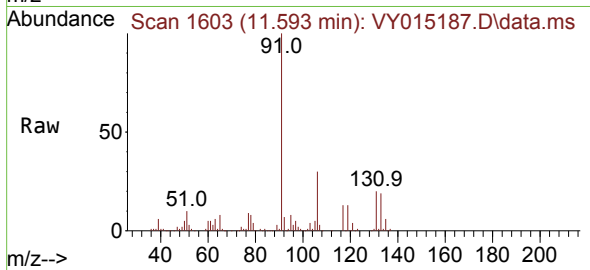
ClientSampleId :

Tgt Ion: 91 Resp: 162447

Ion Ratio Lower Upper

91 100

106 29.6 24.6 36.8



#68

m/p-Xylenes

Concen: 39.746 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015187.D

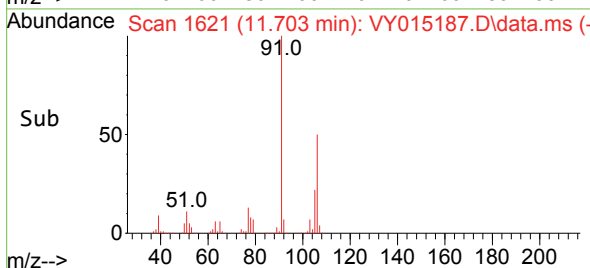
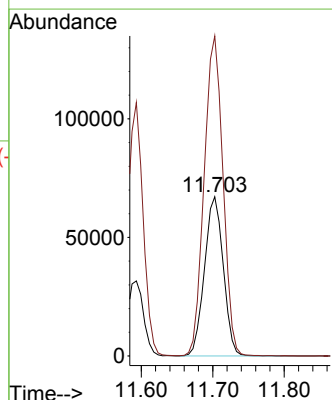
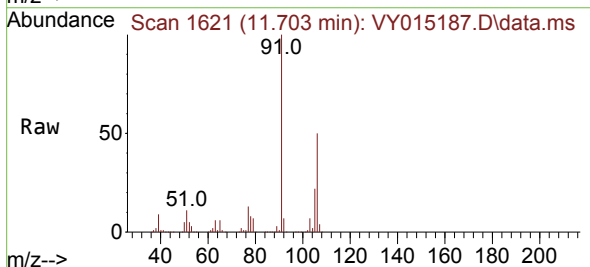
Acq: 18 Aug 2023 11:36

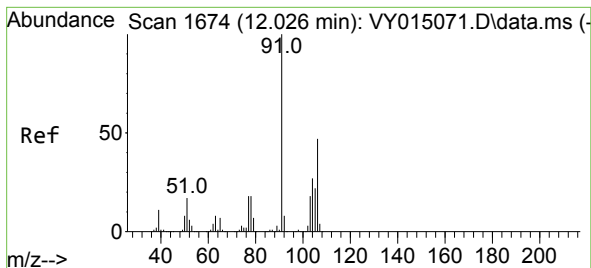
Tgt Ion:106 Resp: 122473

Ion Ratio Lower Upper

106 100

91 201.2 166.1 249.1





#69

o-Xylene

Concen: 19.792 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

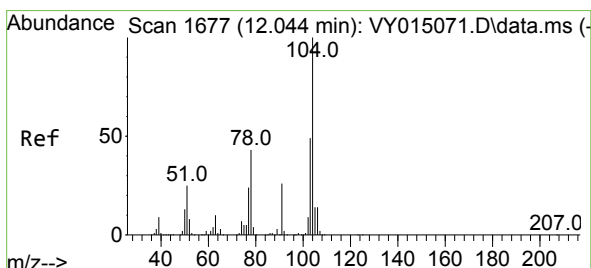
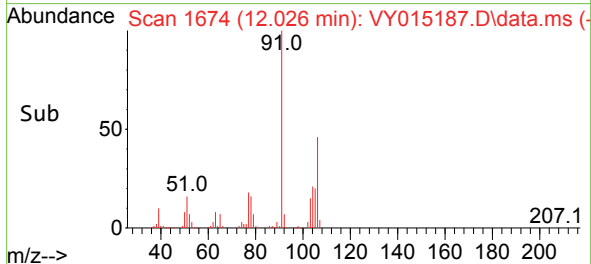
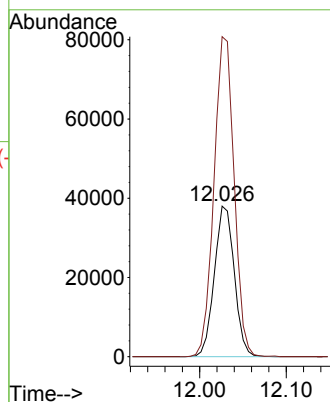
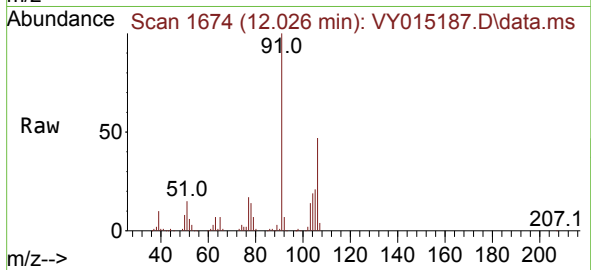
ClientSampleId :

Tgt Ion:106 Resp: 60753

Ion Ratio Lower Upper

106 100

91 214.8 108.1 324.3



#70

Styrene

Concen: 19.907 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

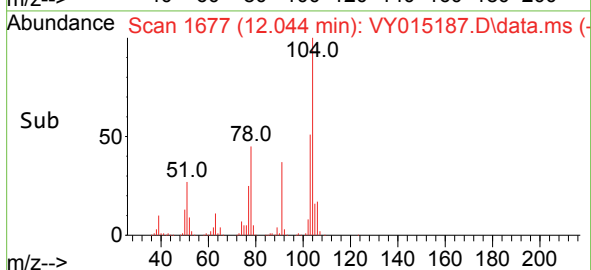
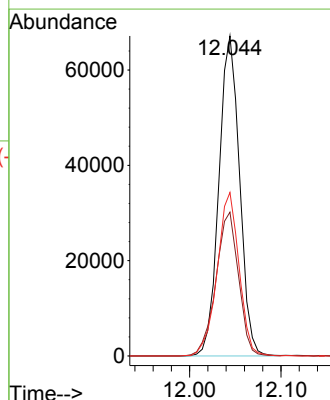
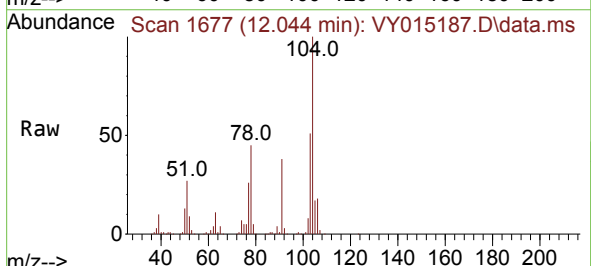
Tgt Ion:104 Resp: 105762

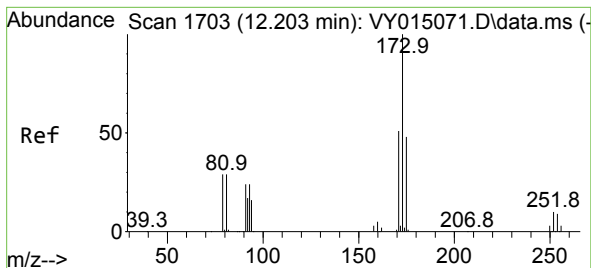
Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 54.1 44.6 67.0





#71

Bromoform

Concen: 18.902 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015187.D

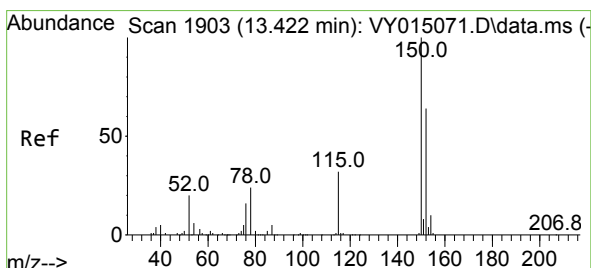
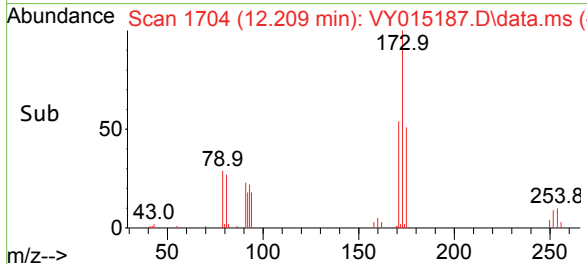
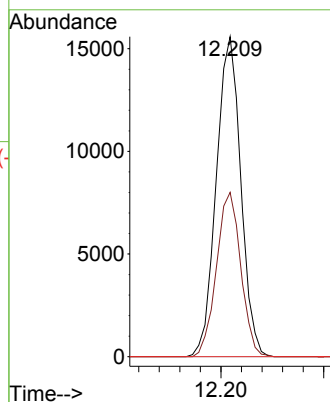
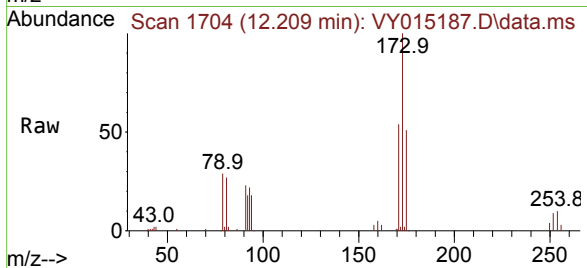
Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	25745
Ion Ratio	Lower	Upper
173	100	
175	51.0	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

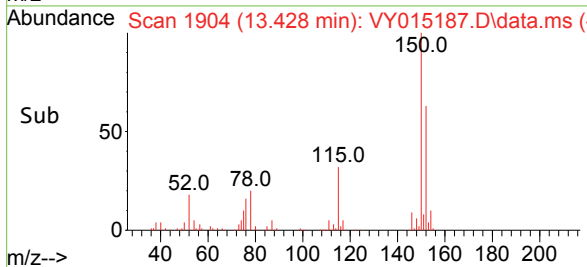
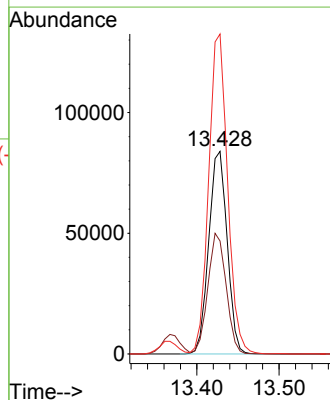
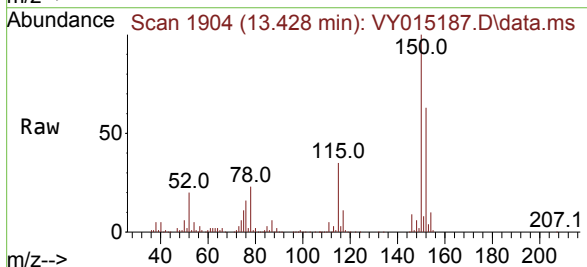
RT: 13.428 min Scan# 1904

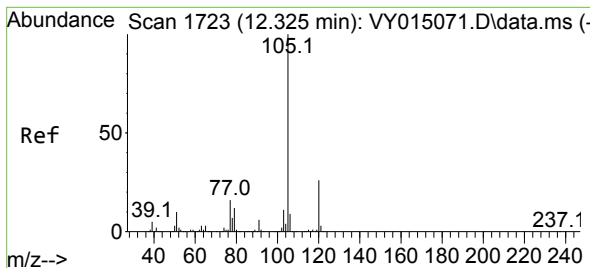
Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Tgt Ion:152	Resp:	130699
Ion Ratio	Lower	Upper
152	100	
115	59.1	28.8 86.5
150	161.7	0.0 348.8





#73

Isopropylbenzene

Concen: 19.622 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

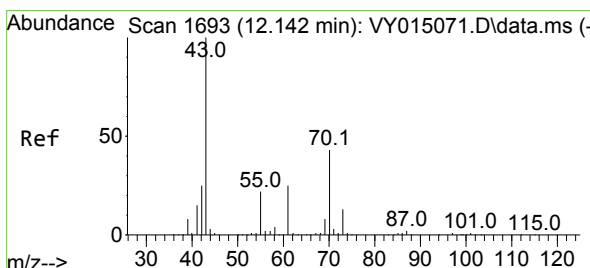
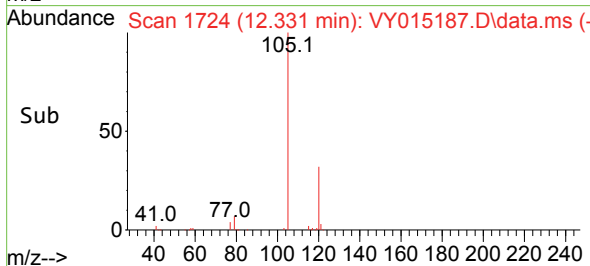
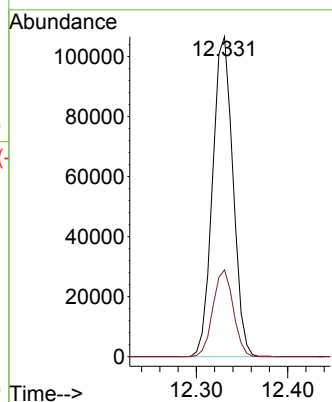
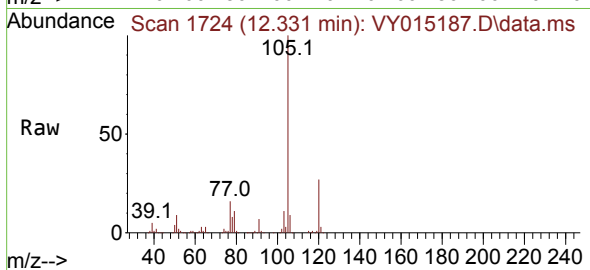
ClientSampleId :

Tgt Ion:105 Resp: 164909

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 19.493 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Tgt Ion: 43 Resp: 59150

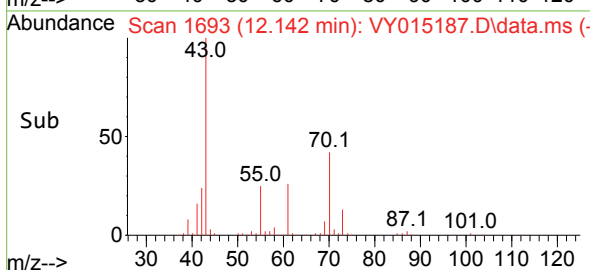
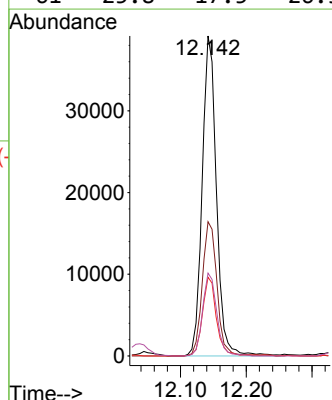
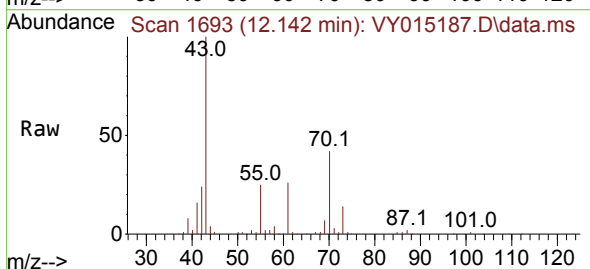
Ion Ratio Lower Upper

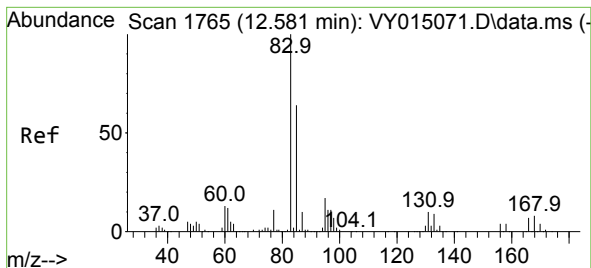
43 100

70 43.0 29.7 44.5

55 24.1 18.3 27.5

61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.197 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

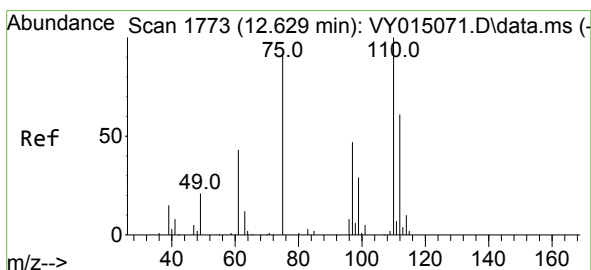
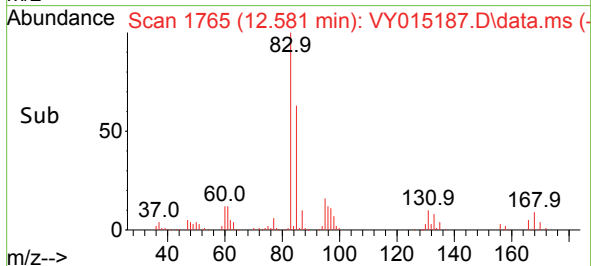
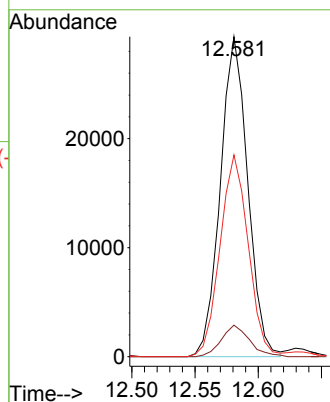
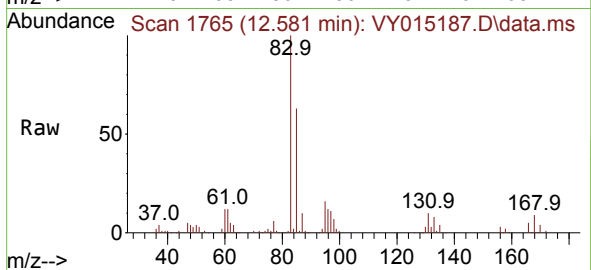
Tgt Ion: 83 Resp: 44208

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.730 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015187.D

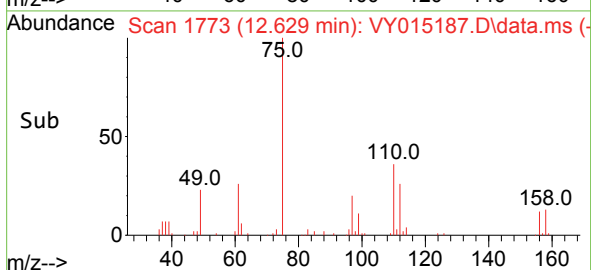
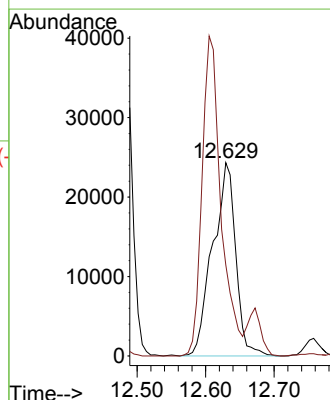
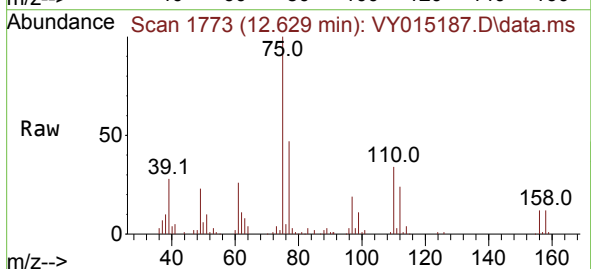
Acq: 18 Aug 2023 11:36

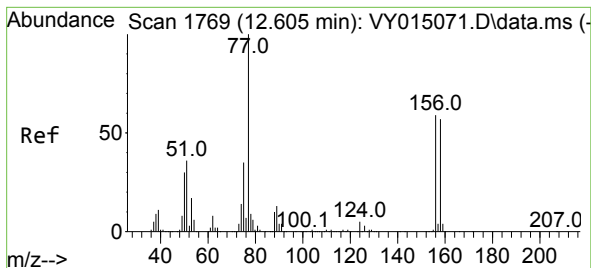
Tgt Ion: 75 Resp: 56736

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.091 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

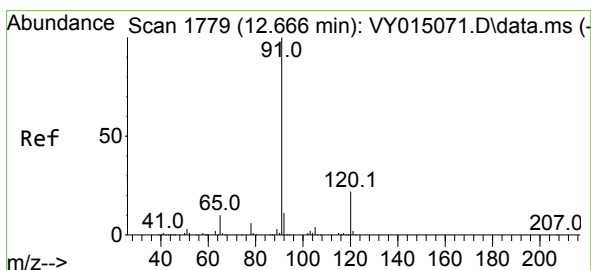
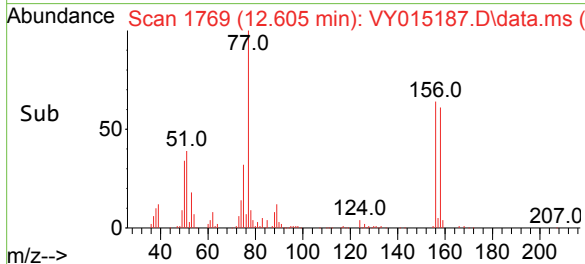
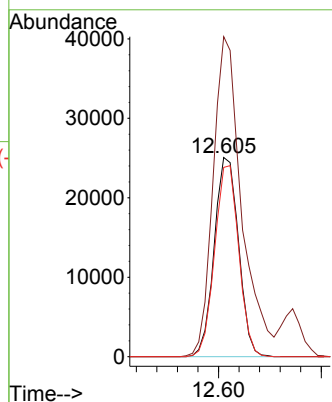
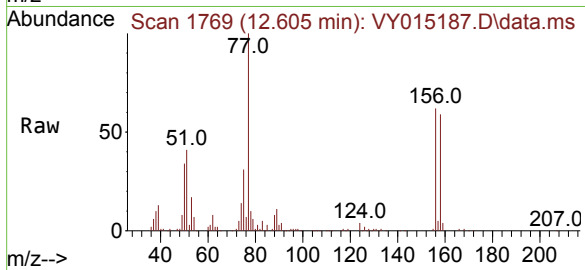
Tgt Ion:156 Resp: 41159

Ion Ratio Lower Upper

156 100

77 188.5 92.8 278.6

158 95.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.070 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015187.D

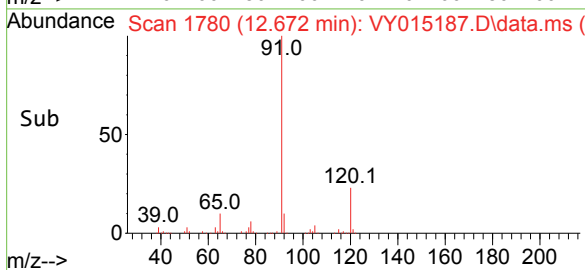
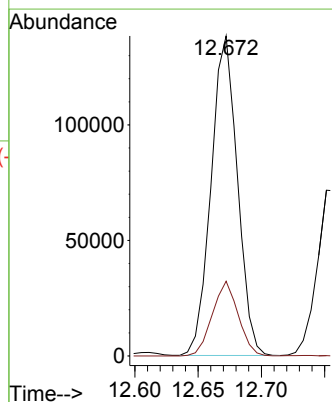
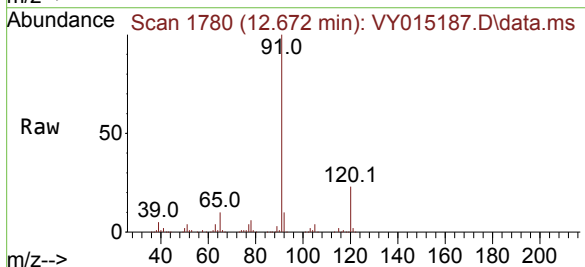
Acq: 18 Aug 2023 11:36

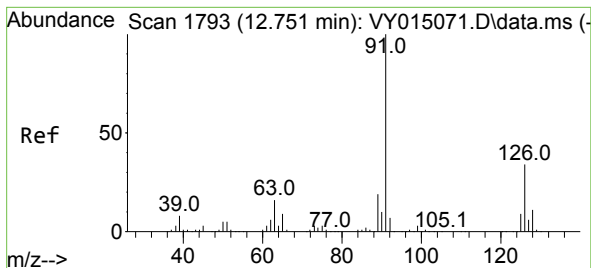
Tgt Ion: 91 Resp: 200303

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.839 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

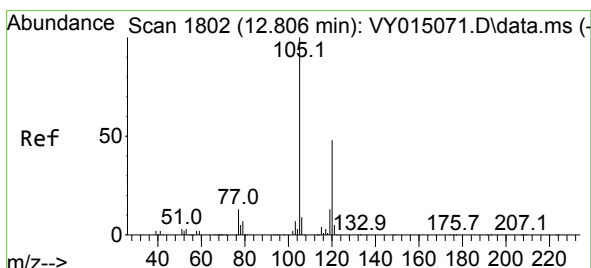
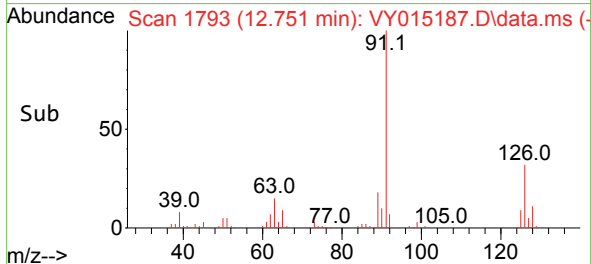
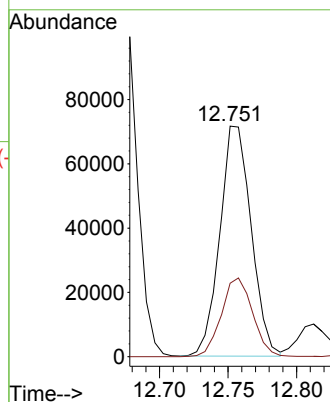
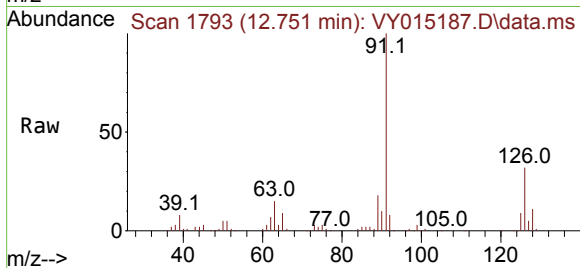
ClientSampleId :

Tgt Ion: 91 Resp: 114220

Ion Ratio Lower Upper

91 100

126 34.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.942 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015187.D

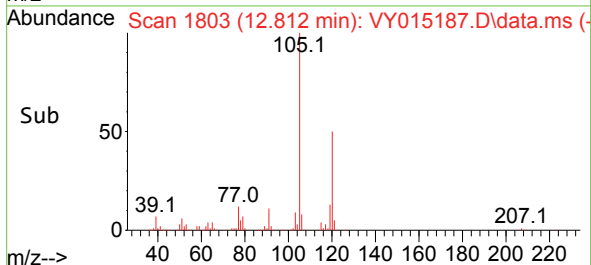
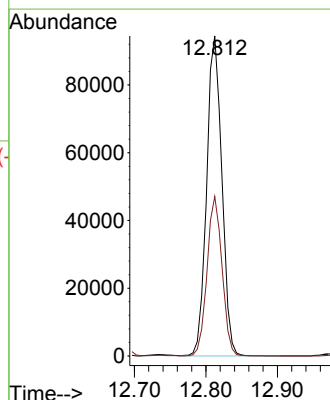
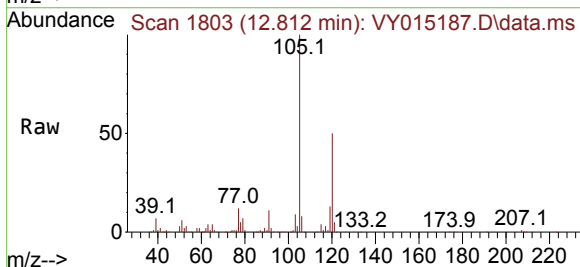
Acq: 18 Aug 2023 11:36

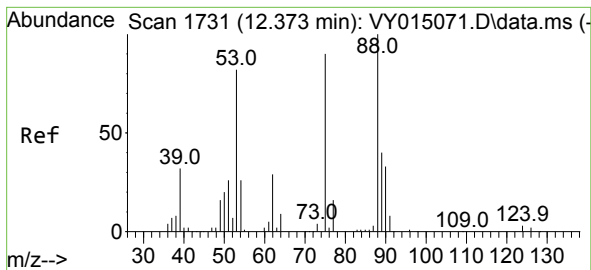
Tgt Ion: 105 Resp: 139708

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.7

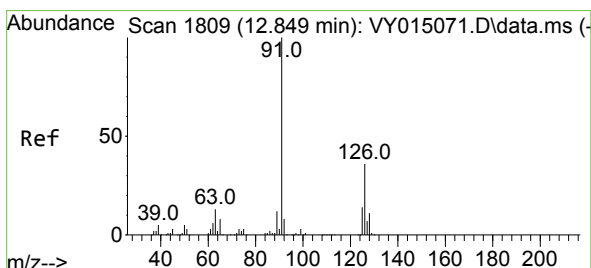
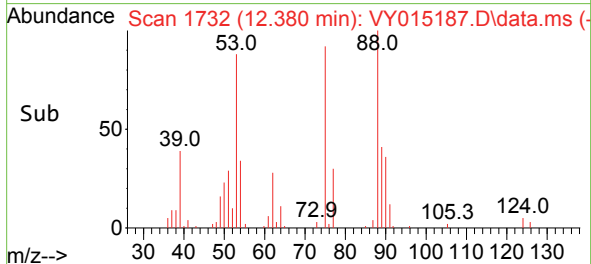
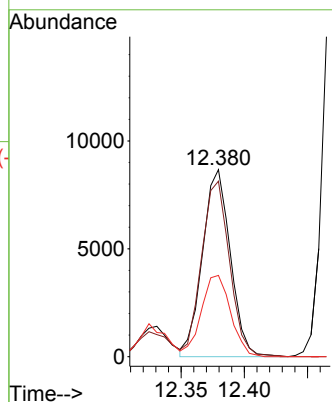
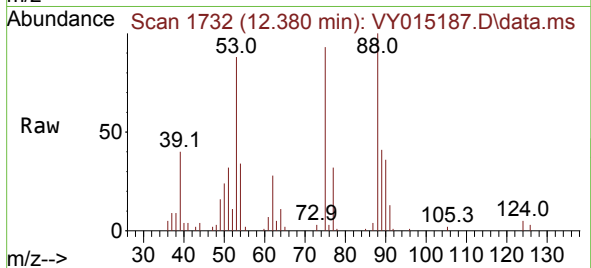




#81
trans-1,4-Dichloro-2-butene
Concen: 18.406 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

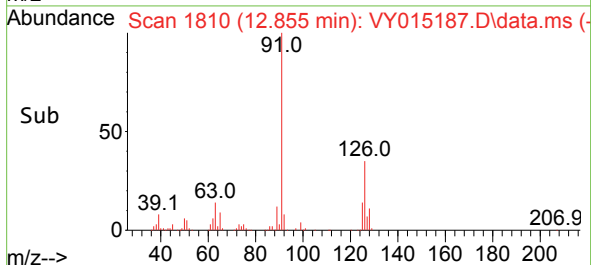
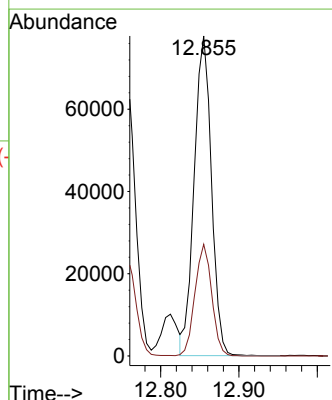
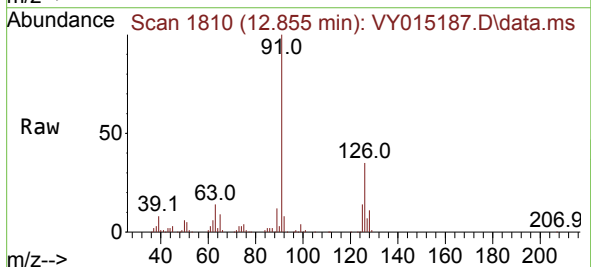
Instrument :
MSVOA_Y
ClientSampleId :

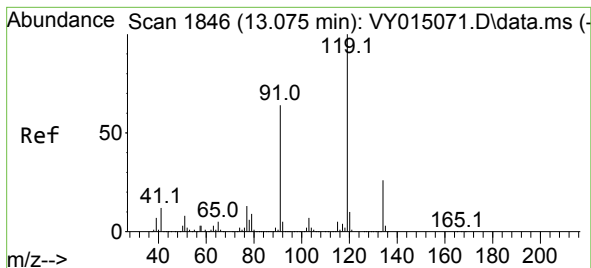
Tgt Ion: 75 Resp: 13306
Ion Ratio Lower Upper
75 100
53 94.3 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.020 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015187.D
Acq: 18 Aug 2023 11:36

Tgt Ion: 91 Resp: 119082
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.620 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

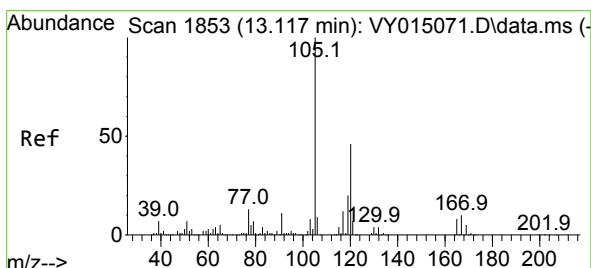
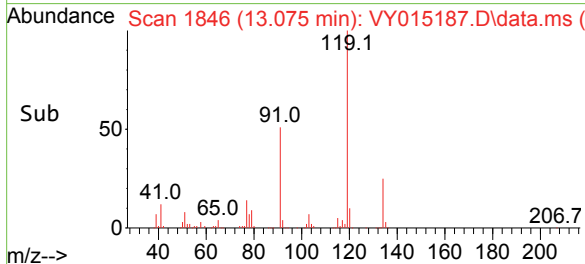
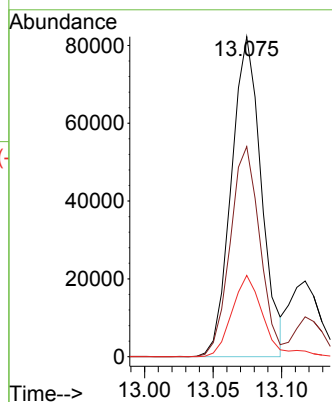
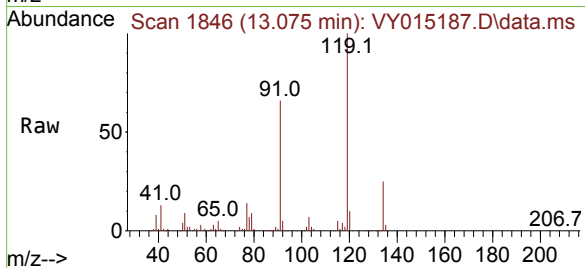
Tgt Ion:119 Resp: 125720

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.900 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015187.D

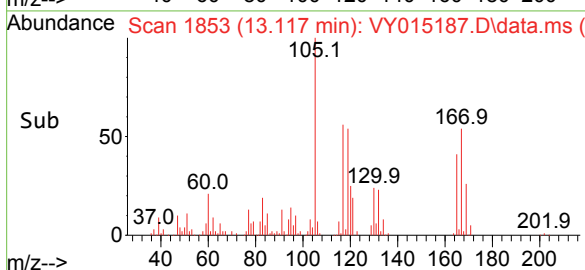
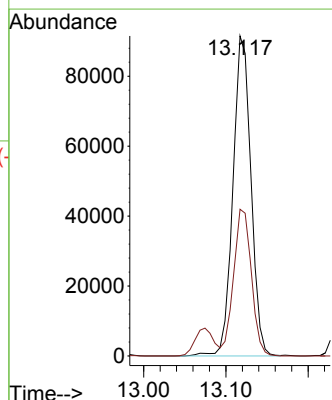
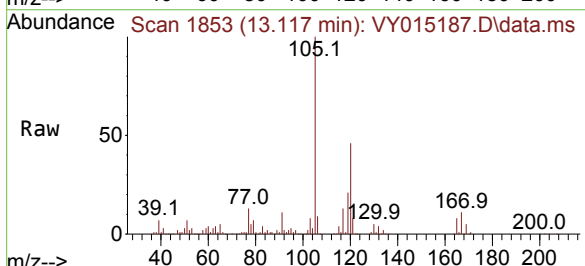
Acq: 18 Aug 2023 11:36

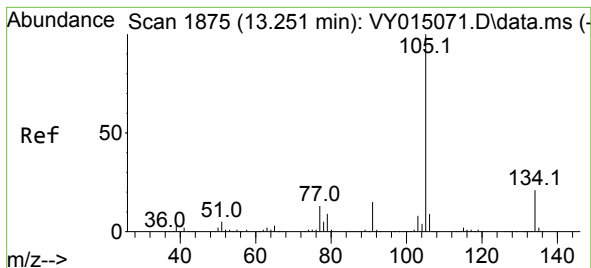
Tgt Ion:105 Resp: 139306

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.086 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

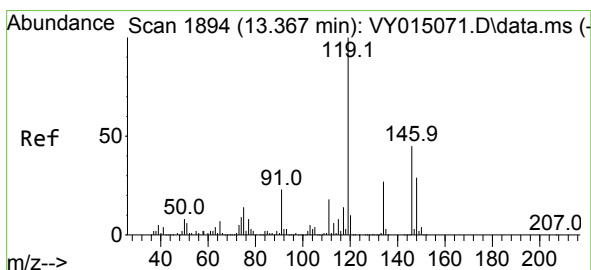
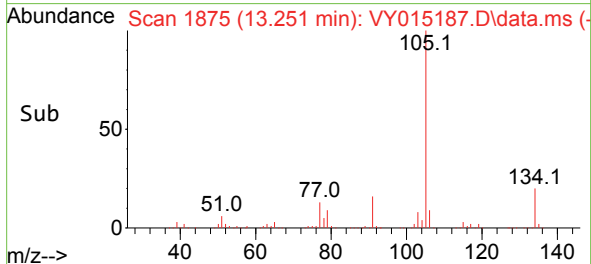
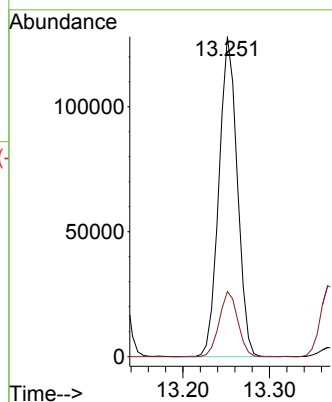
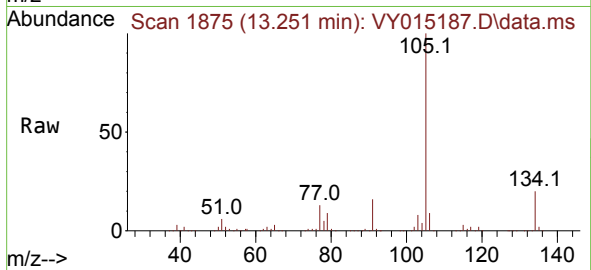
ClientSampleId :

Tgt Ion:105 Resp: 188586

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.043 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

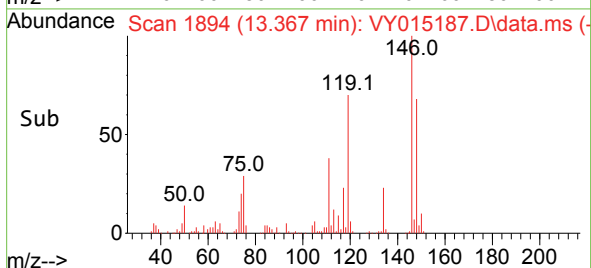
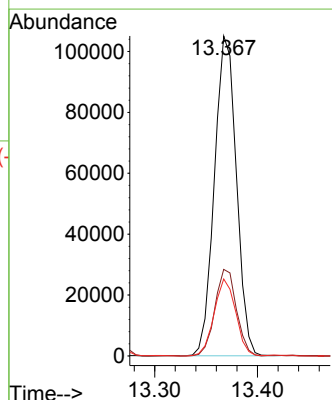
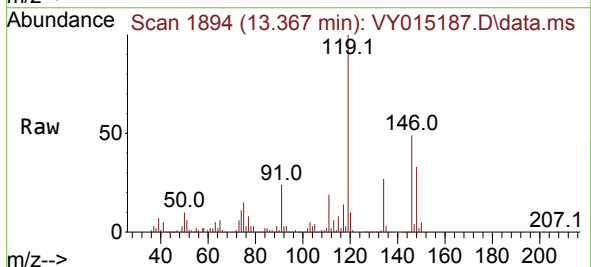
Tgt Ion:119 Resp: 156016

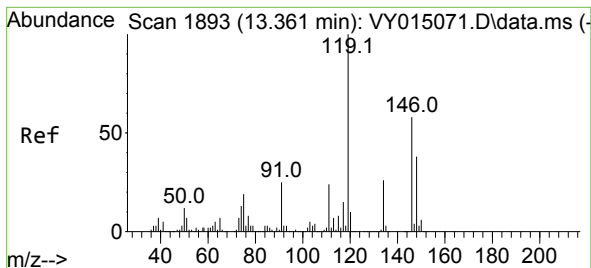
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.952 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

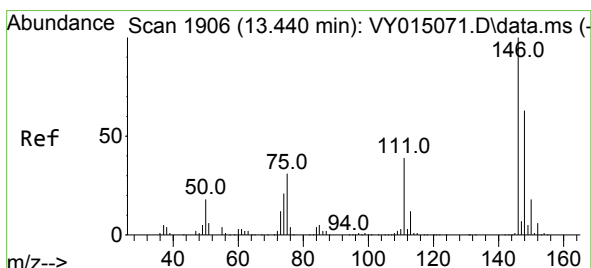
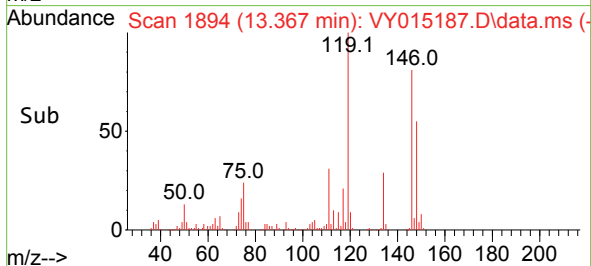
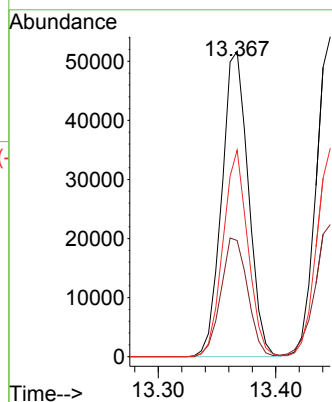
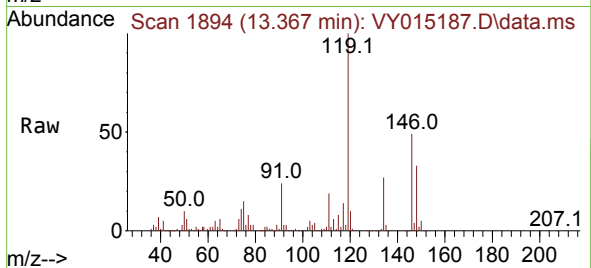
Tgt Ion:146 Resp: 81072

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.169 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

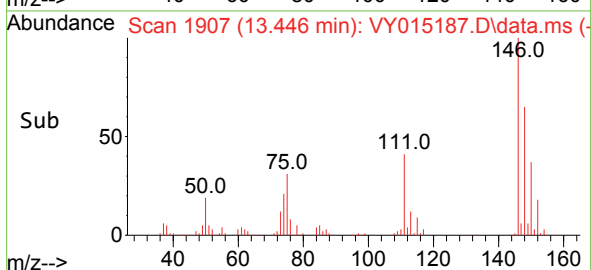
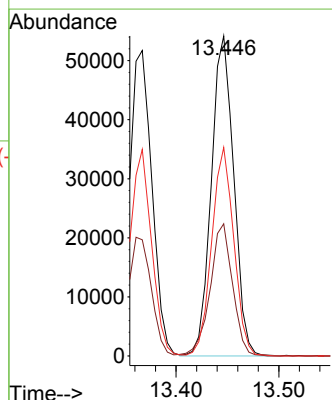
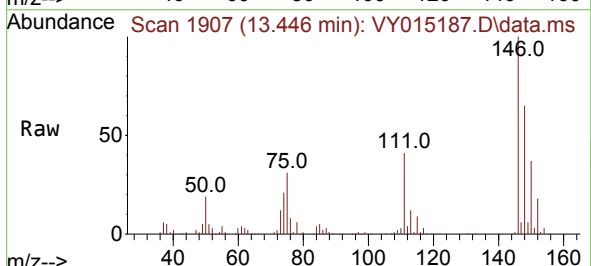
Tgt Ion:146 Resp: 82197

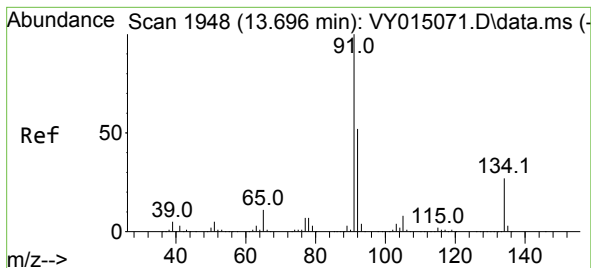
Ion Ratio Lower Upper

146 100

111 41.5 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 20.360 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015187.D

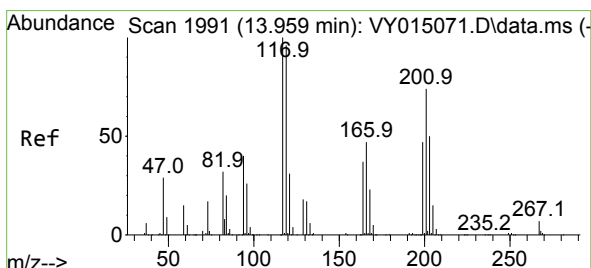
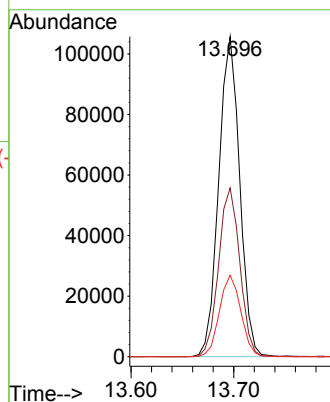
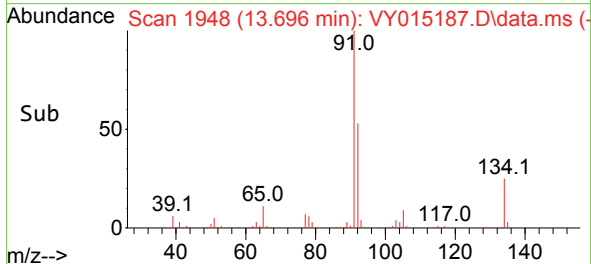
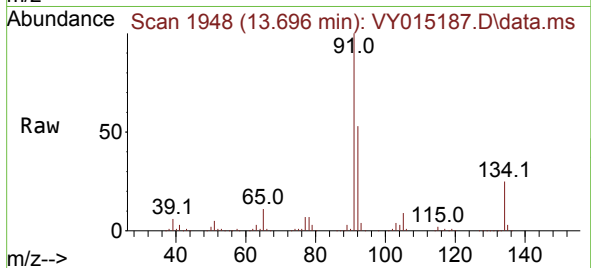
Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 149430
Ion Ratio	Lower Upper
91	100
92	53.4 25.4 76.0
134	25.9 12.6 37.6



#90

Hexachloroethane

Concen: 18.923 ug/l

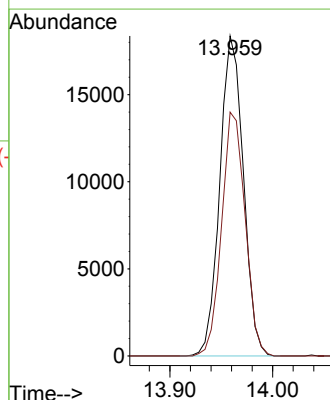
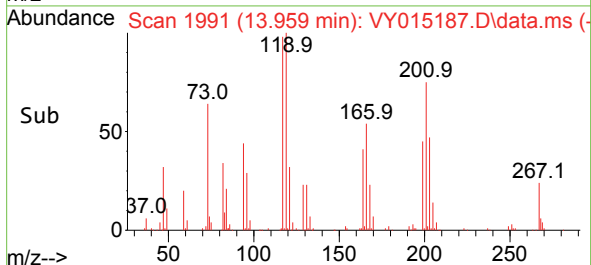
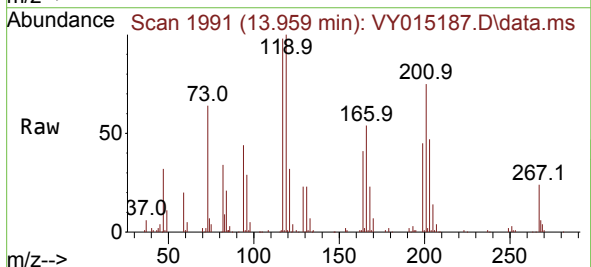
RT: 13.959 min Scan# 1991

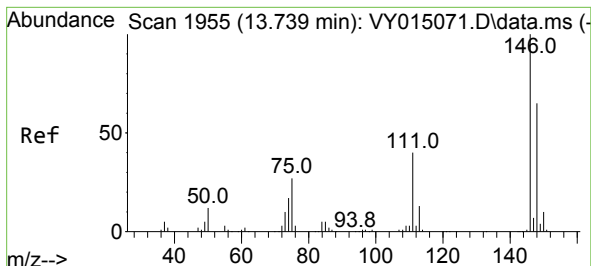
Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Tgt Ion: 117	Resp: 29222
Ion Ratio	Lower Upper
117	100
201	76.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.232 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

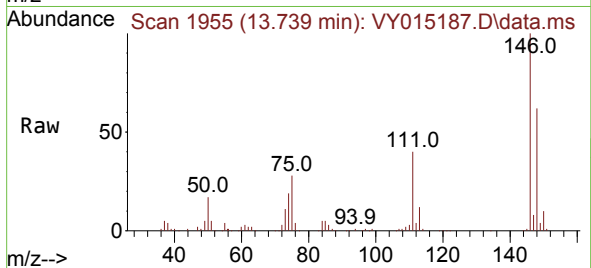
Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :



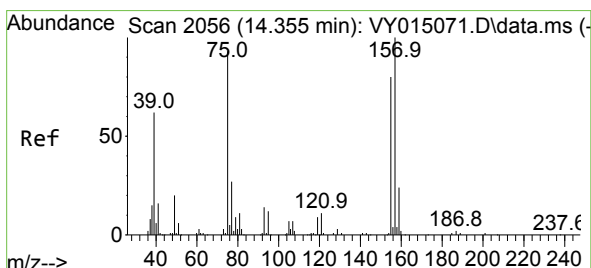
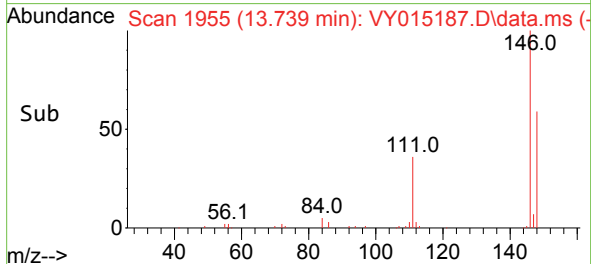
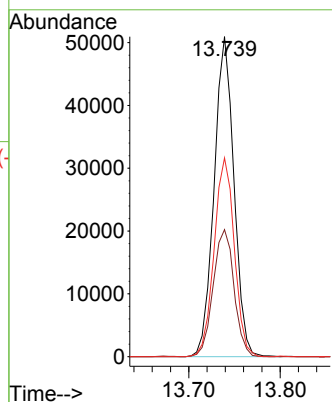
Tgt Ion:146 Resp: 76796

Ion Ratio Lower Upper

146 100

111 41.8 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.336 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

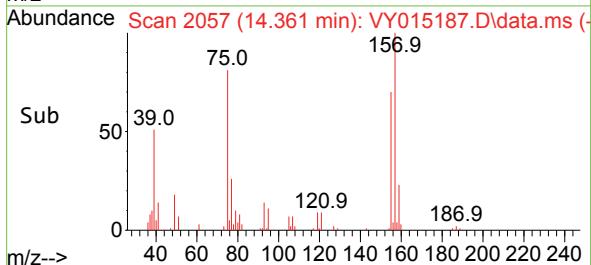
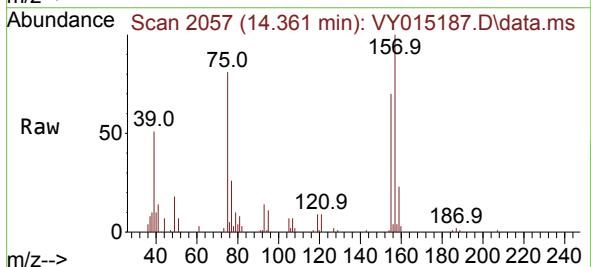
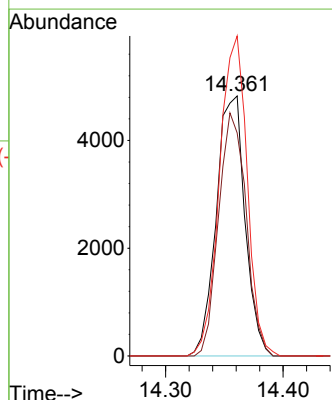
Tgt Ion: 75 Resp: 8199

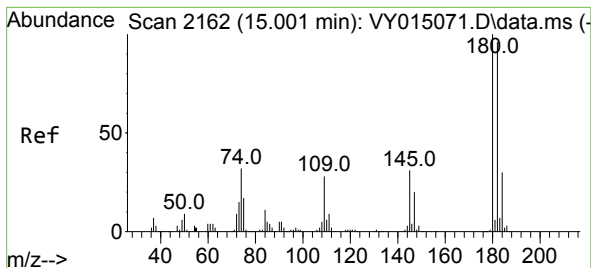
Ion Ratio Lower Upper

75 100

155 89.6 41.5 124.6

157 118.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.846 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

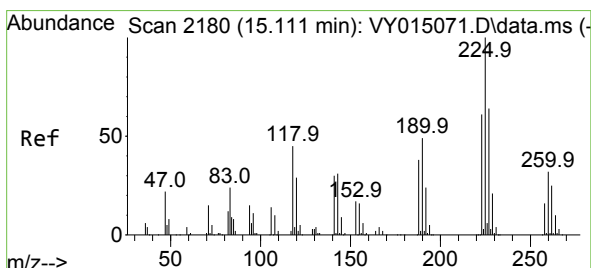
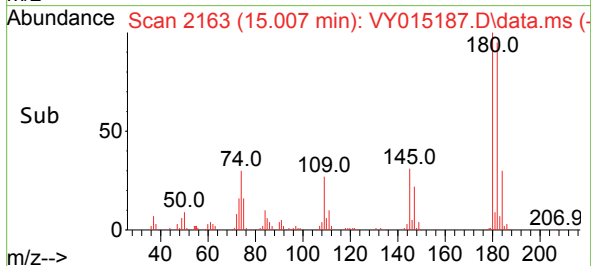
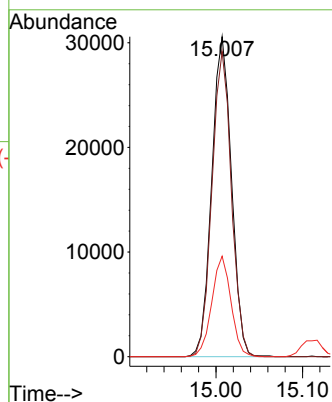
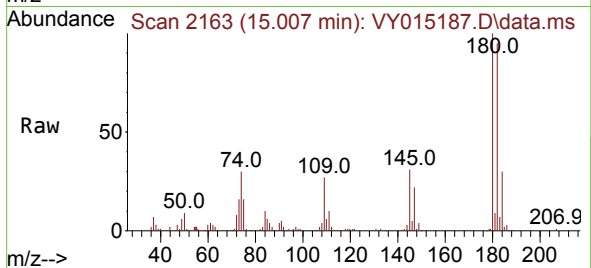
Tgt Ion:180 Resp: 48362

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.309 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

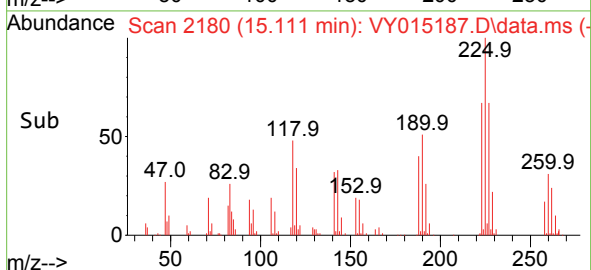
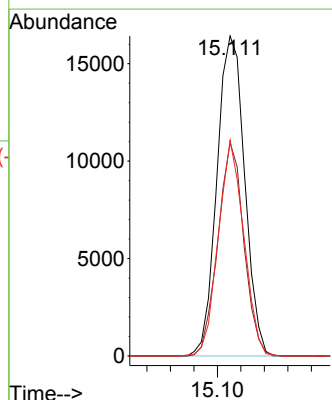
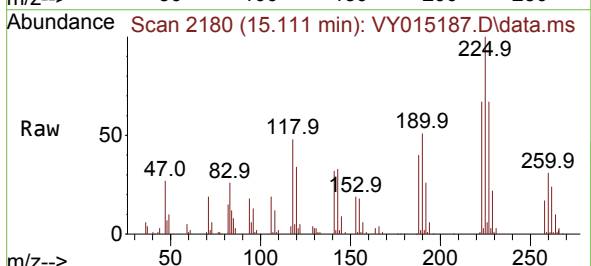
Tgt Ion:225 Resp: 26921

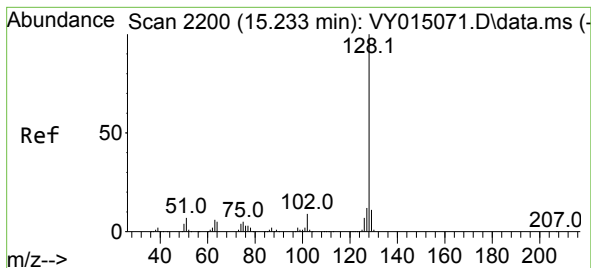
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 62.0 33.0 98.9





#95

Naphthalene

Concen: 18.843 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Instrument :

MSVOA_Y

ClientSampleId :

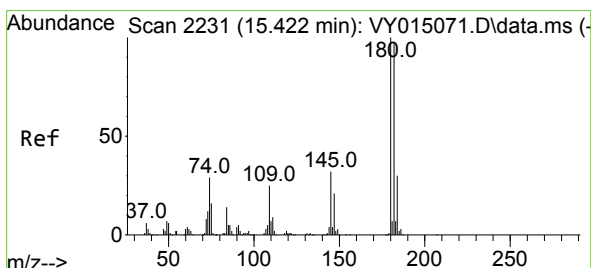
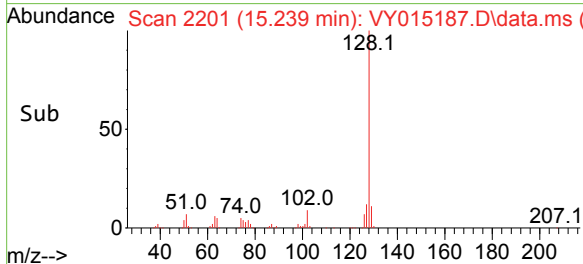
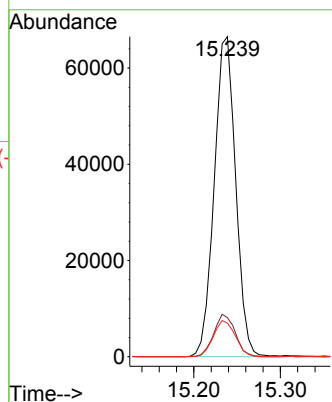
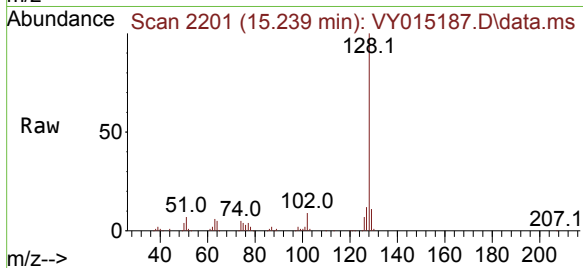
Tgt Ion:128 Resp: 114384

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.900 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015187.D

Acq: 18 Aug 2023 11:36

Tgt Ion:180 Resp: 43796

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.8

145 33.0 15.4 46.2

