

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015231.D
 Acq On : 21 Aug 2023 20:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:59:22 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	172388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116711	56.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.800%	
35) Dibromofluoromethane	7.716	113	101110	54.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.179	98	359089	52.225	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.483	95	131579	52.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34626	46.558	ug/l	92
3) Chloromethane	2.107	50	50626	49.106	ug/l	97
4) Vinyl Chloride	2.247	62	65434	47.701	ug/l	99
5) Bromomethane	2.631	94	54316	57.789	ug/l	98
6) Chloroethane	2.784	64	51264	51.473	ug/l	98
7) Trichlorofluoromethane	3.113	101	116620	50.454	ug/l	98
8) Diethyl Ether	3.521	74	48439	53.435	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	72337	50.355	ug/l	96
10) Methyl Iodide	4.088	142	63591	45.081	ug/l	98
11) Tert butyl alcohol	4.954	59	101373	300.842	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	58520	48.785	ug/l	89
13) Acrolein	3.729	56	23442	159.018	ug/l	99
14) Allyl chloride	4.472	41	106974	50.299	ug/l	97
15) Acrylonitrile	5.155	53	177662	289.200	ug/l	99
16) Acetone	3.942	43	148139	219.132	ug/l	94
17) Carbon Disulfide	4.192	76	96613	45.765	ug/l	100
18) Methyl Acetate	4.472	43	140753	56.816	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	280541	55.003	ug/l	99
20) Methylene Chloride	4.710	84	105326	66.398	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	68831	50.871	ug/l	99
22) Diisopropyl ether	6.112	45	286090	53.910	ug/l	95
23) Vinyl Acetate	6.058	43	846410	267.299	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	154363	53.728	ug/l	99
25) 2-Butanone	6.984	43	255807	267.250	ug/l	96
26) 2,2-Dichloropropane	6.978	77	121125	43.733	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	99285	53.717	ug/l	93
28) Bromochloromethane	7.332	49	68060	51.562	ug/l	94
29) Tetrahydrofuran	7.344	42	163284	285.292	ug/l	92
30) Chloroform	7.502	83	174862	54.292	ug/l	95
31) Cyclohexane	7.783	56	95404	51.702	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	145530	53.100	ug/l	99
36) 1,1-Dichloropropene	7.917	75	105127	51.447	ug/l	99
37) Ethyl Acetate	7.070	43	103003	54.078	ug/l #	96
38) Carbon Tetrachloride	7.899	117	123581	51.101	ug/l	99
39) Methylcyclohexane	9.179	83	111689	48.757	ug/l	92
40) Benzene	8.155	78	325014	52.608	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	152150	154.913	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	122446	54.573	ug/l	95
43) Isopropyl Acetate	8.271	43	189404	54.605	ug/l	99
44) Trichloroethene	8.941	130	93784	52.692	ug/l	95
45) 1,2-Dichloropropane	9.215	63	93098	53.440	ug/l	99
46) Dibromomethane	9.301	93	60885	55.413	ug/l	96
47) Bromodichloromethane	9.496	83	143352	54.675	ug/l	97
48) Methyl methacrylate	9.289	41	85162	57.395	ug/l	94
49) 1,4-Dioxane	9.295	88	24941	1135.165	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	572521	284.800	ug/l	94
52) Toluene	10.246	92	210753	51.757	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	137797	50.009	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	149854	51.639	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	90731	54.308	ug/l	97
56) Ethyl methacrylate	10.508	69	129588	53.001	ug/l	93
57) 1,3-Dichloropropane	10.788	76	147796	54.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	309424	271.938	ug/l	94
59) 2-Hexanone	10.831	43	410856	276.149	ug/l	93
60) Dibromochloromethane	10.983	129	108489	54.438	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83924	52.879	ug/l	98
64) Tetrachloroethene	10.721	164	101933	56.781	ug/l	95
65) Chlorobenzene	11.514	112	245714	52.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	104000	54.595	ug/l	98
67) Ethyl Benzene	11.593	91	420808	51.158	ug/l	99
68) m/p-Xylenes	11.703	106	320645	102.634	ug/l	95
69) o-Xylene	12.026	106	161014	51.736	ug/l	98
70) Styrene	12.044	104	285215	52.950	ug/l	96
71) Bromoform	12.209	173	75536	54.700	ug/l #	97
73) Isopropylbenzene	12.331	105	429710	49.293	ug/l	99
74) N-amyl acetate	12.142	43	163639	51.991	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	120078	52.888	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	151909	92.231	ug/l #	100
77) Bromobenzene	12.605	156	108744	51.176	ug/l	98
78) n-propylbenzene	12.672	91	508258	49.098	ug/l	99
79) 2-Chlorotoluene	12.758	91	301015	50.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	365054	50.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	34855	46.482	ug/l	99
82) 4-Chlorotoluene	12.855	91	310075	50.259	ug/l	100
83) tert-Butylbenzene	13.075	119	329198	49.529	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	363598	50.074	ug/l	98
85) sec-Butylbenzene	13.251	105	486275	49.933	ug/l	100
86) p-Isopropyltoluene	13.367	119	404577	50.107	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	213167	50.578	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	214222	50.676	ug/l	99
89) n-Butylbenzene	13.696	91	375192	49.284	ug/l	97
90) Hexachloroethane	13.959	117	78281	48.871	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	204058	51.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23099	52.519	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	126092	49.884	ug/l	99
94) Hexachlorobutadiene	15.111	225	67995	49.453	ug/l	97
95) Naphthalene	15.233	128	322172	51.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	115327	50.520	ug/l	98

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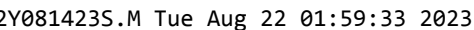
Instrument :
MSVOA_Y
ClientSampleId :

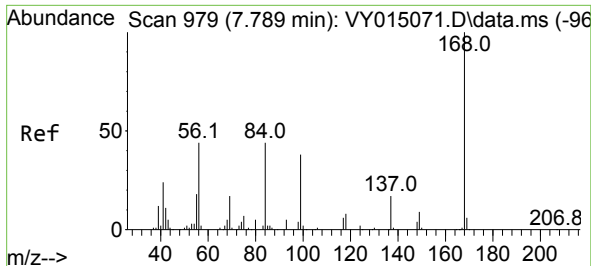
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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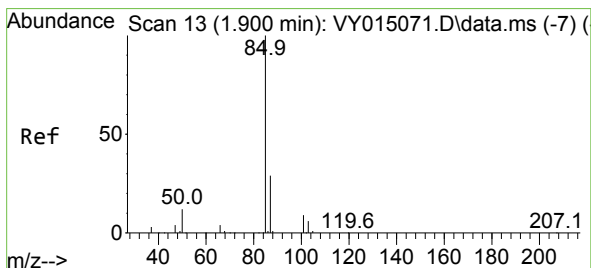
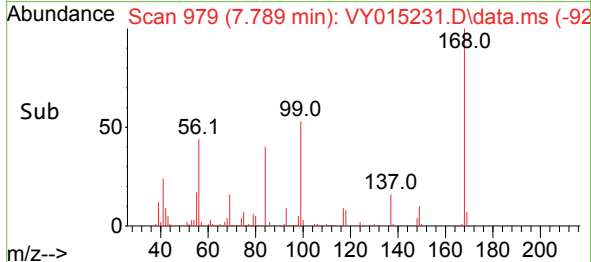
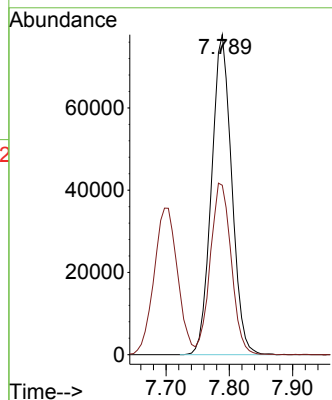
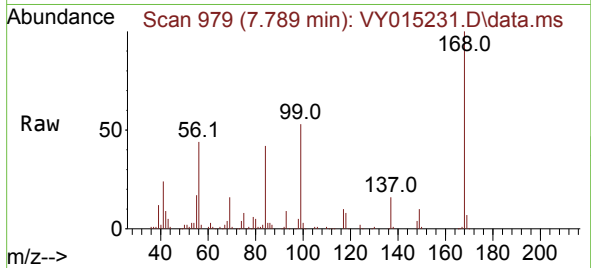




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015231.D
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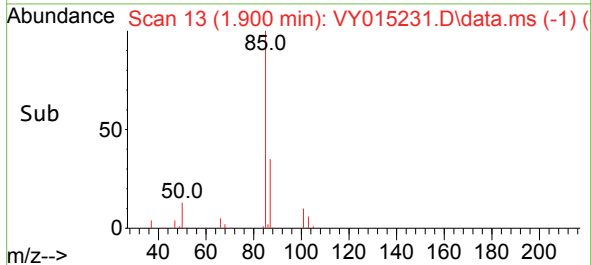
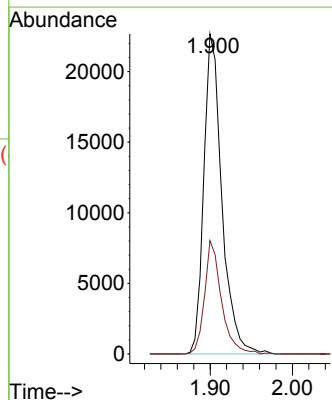
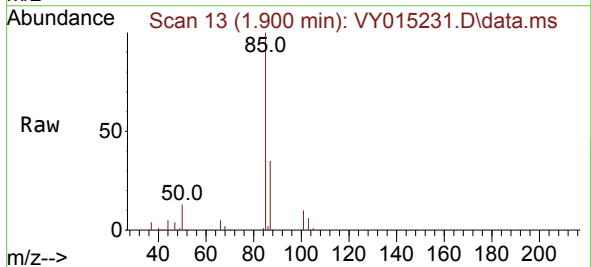
Instrument :
MSVOA_Y
ClientSampleId :

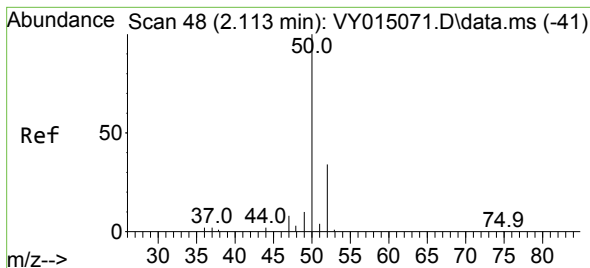
Tgt Ion:168 Resp: 172388
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.558 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 85 Resp: 34626
Ion Ratio Lower Upper
85 100
87 35.4 15.6 46.8





#3

Chloromethane

Concen: 49.106 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

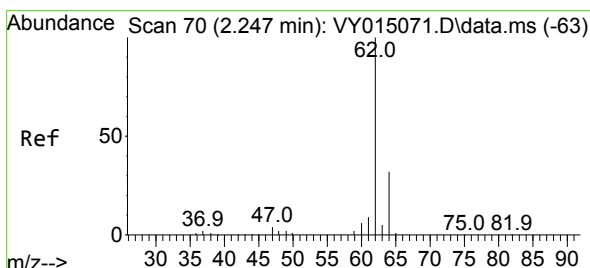
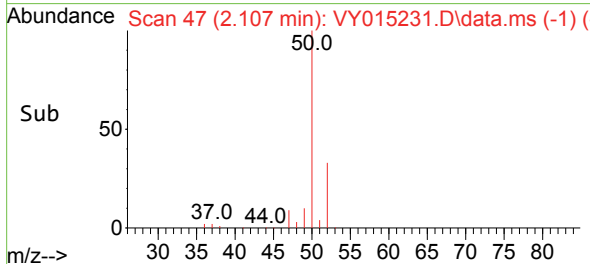
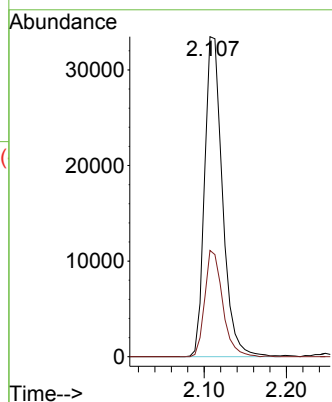
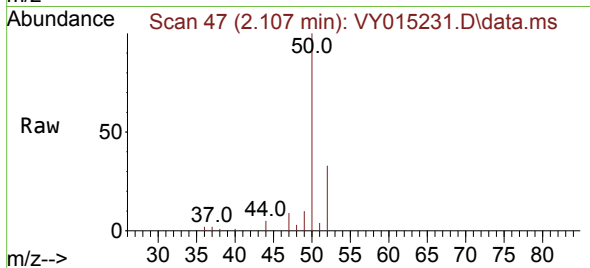
ClientSampleId :

Tgt Ion: 50 Resp: 50626

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 47.701 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015231.D

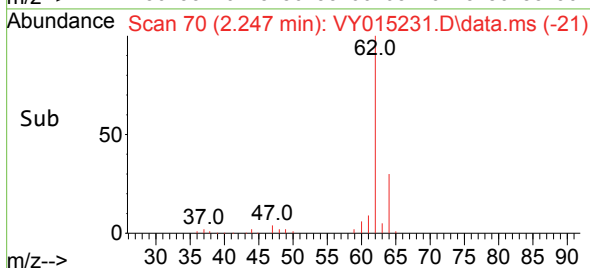
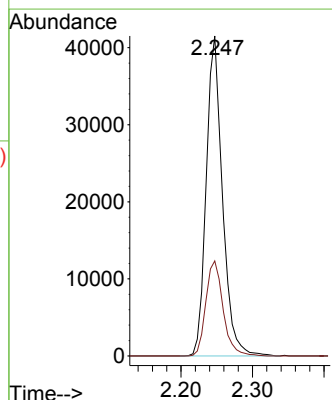
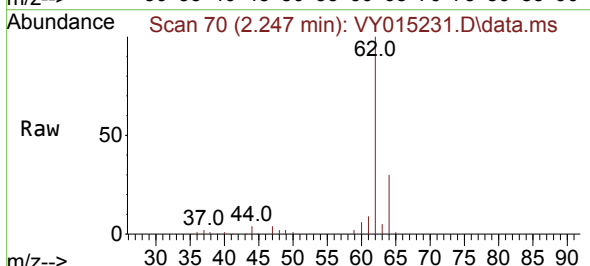
Acq: 21 Aug 2023 20:30

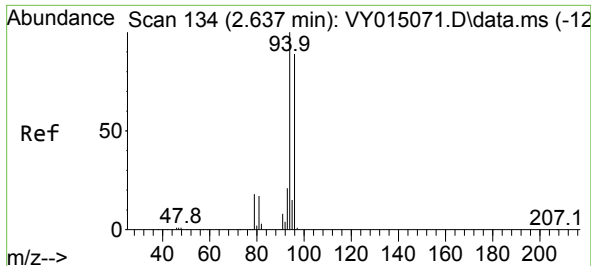
Tgt Ion: 62 Resp: 65434

Ion Ratio Lower Upper

62 100

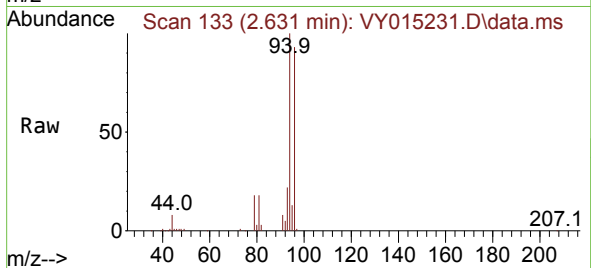
64 29.7 24.3 36.5



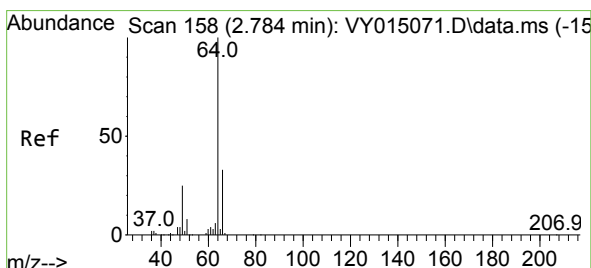
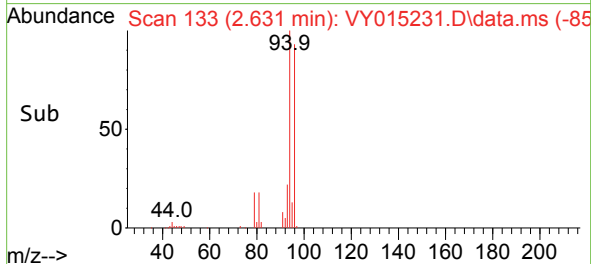
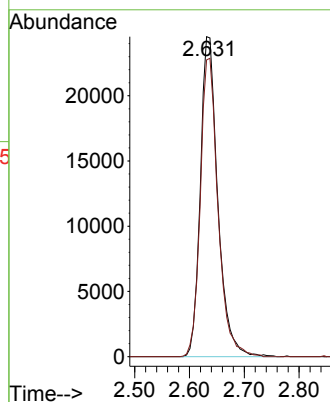


#5
Bromomethane
Concen: 57.789 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

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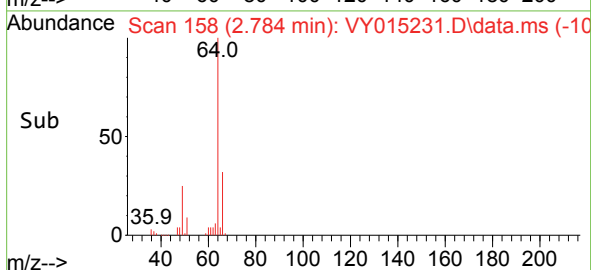
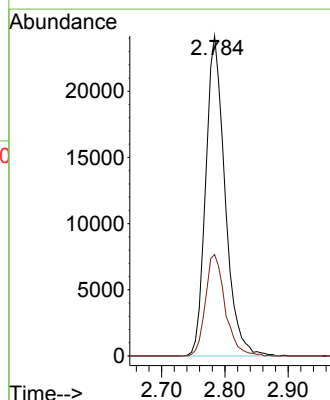
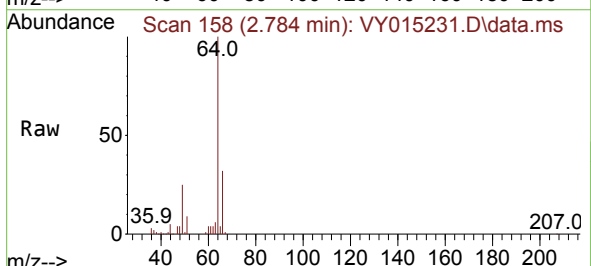


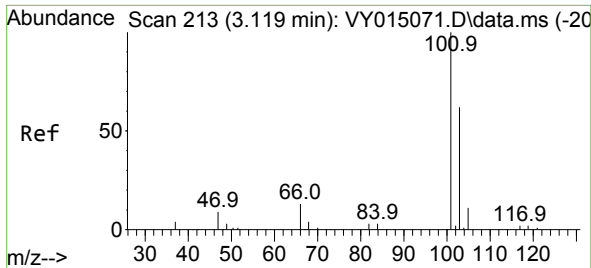
Tgt Ion: 94 Resp: 54316
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 51.473 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 64 Resp: 51264
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

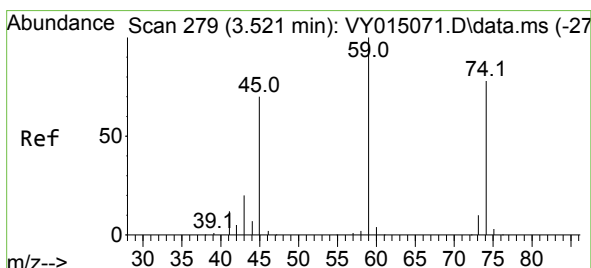
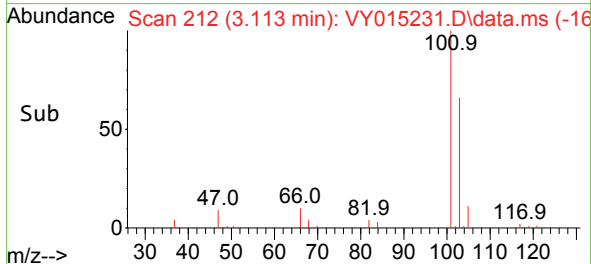
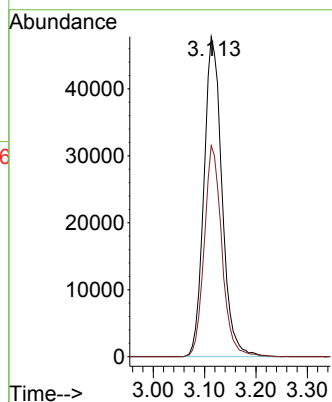
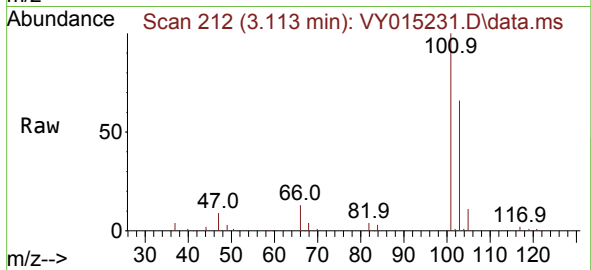




#7
 Trichlorofluoromethane
 Concen: 50.454 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY015231.D
 Acq: 21 Aug 2023 20:30

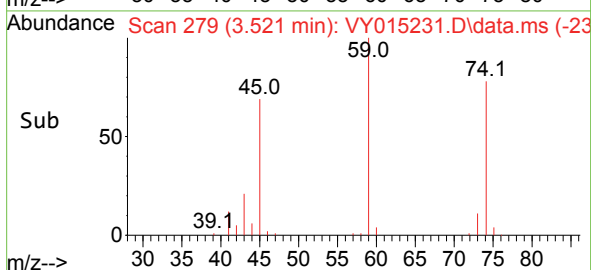
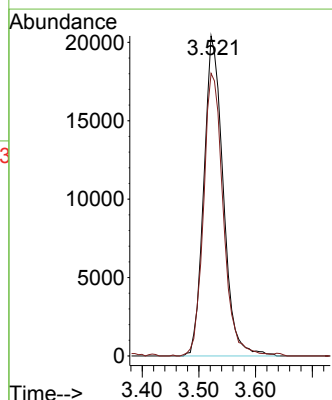
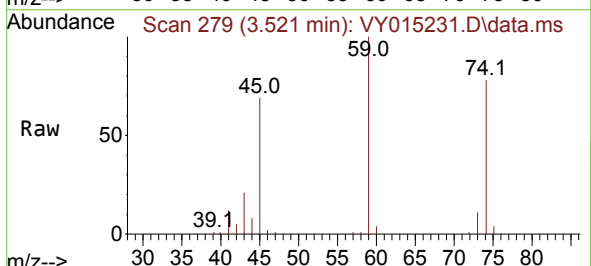
Instrument :
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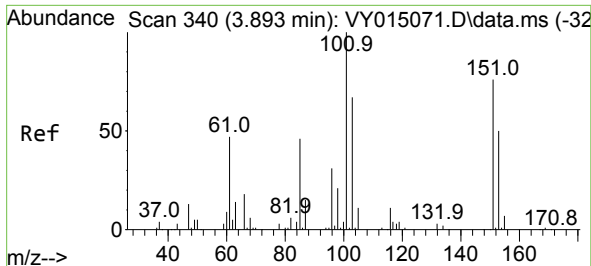
Tgt Ion:101 Resp: 116620
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.435 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015231.D
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Tgt Ion: 74 Resp: 48439
 Ion Ratio Lower Upper
 74 100
 45 90.1 51.5 154.5

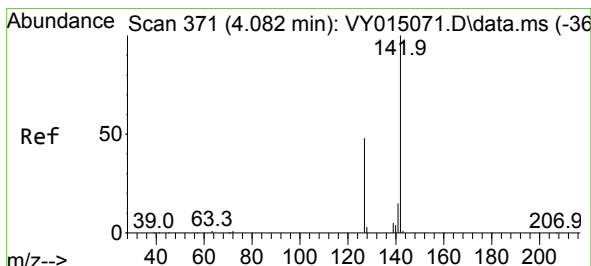
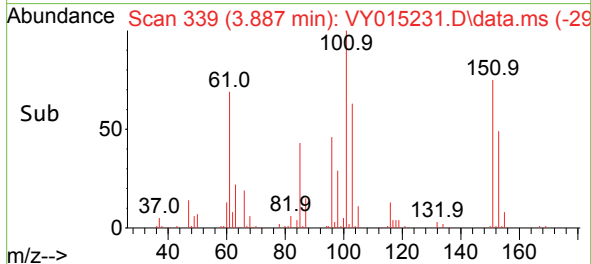
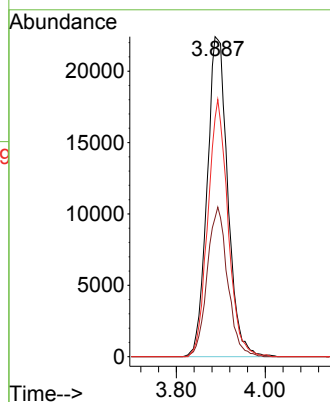
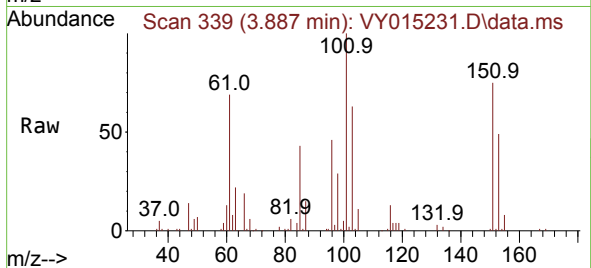




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.355 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

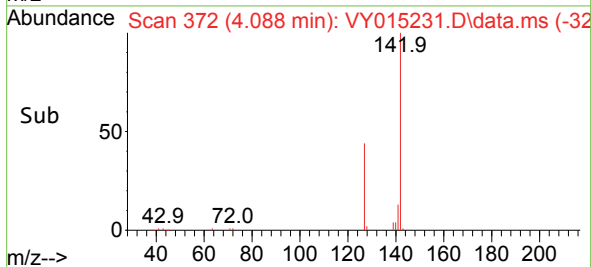
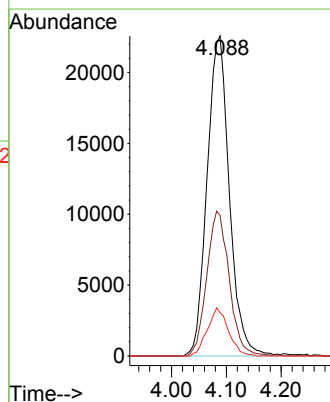
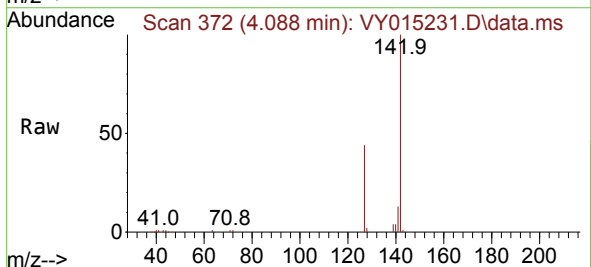
Instrument :
MSVOA_Y
ClientSampleId :

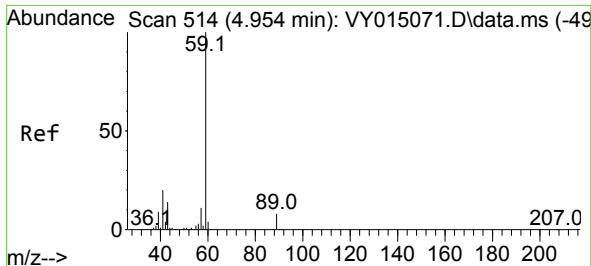
Tgt Ion:101 Resp: 72337
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 78.2 67.0 100.6



#10
Methyl Iodide
Concen: 45.081 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion:142 Resp: 63591
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 14.2 11.8 17.8

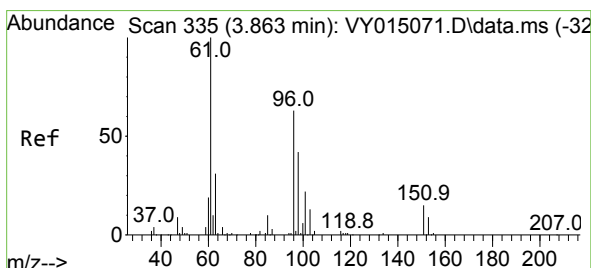
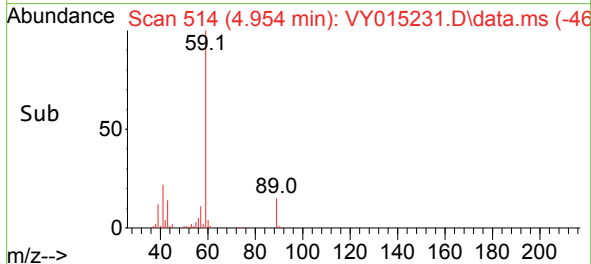
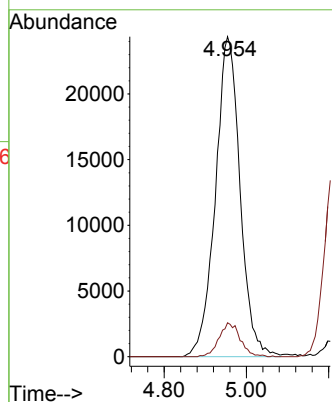
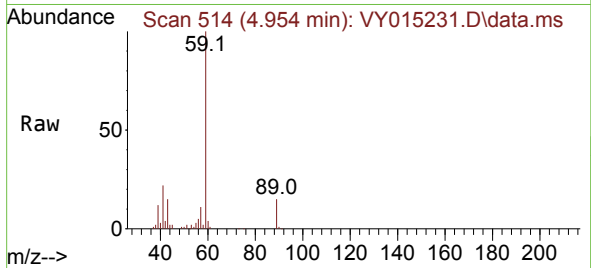




#11
Tert butyl alcohol
Concen: 300.842 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

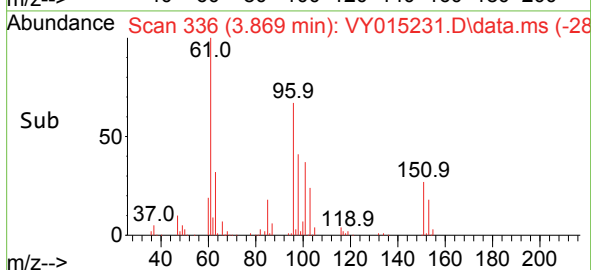
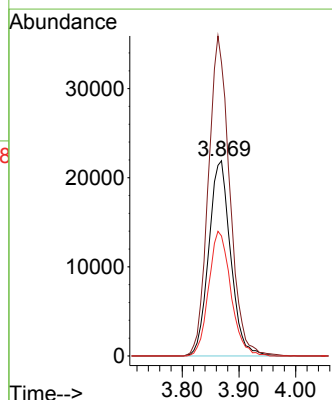
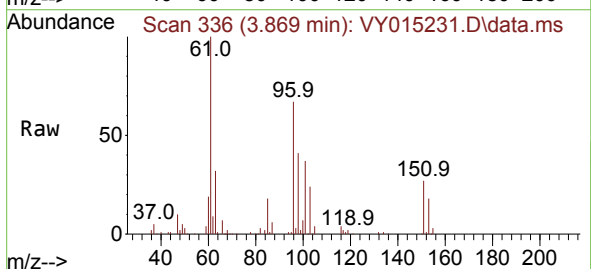
Instrument :
MSVOA_Y
ClientSampleId :

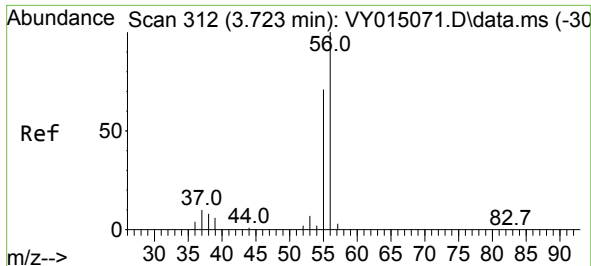
Tgt Ion: 59 Resp: 101373
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.785 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 96 Resp: 58520
Ion Ratio Lower Upper
96 100
61 150.3 136.4 204.6
98 61.5 49.4 74.2





#13

Acrolein

Concen: 159.018 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

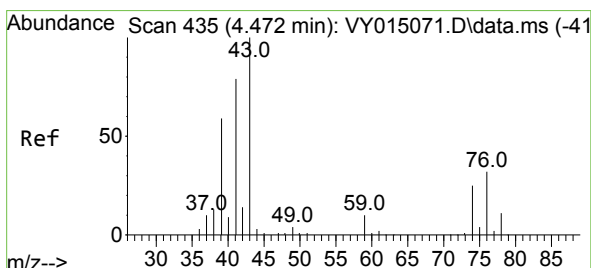
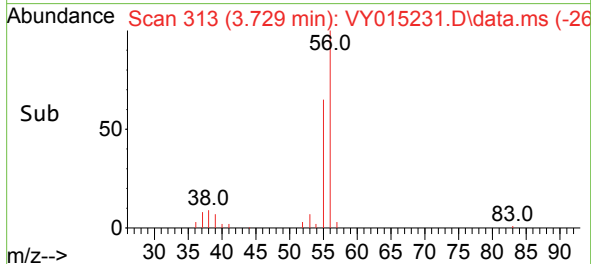
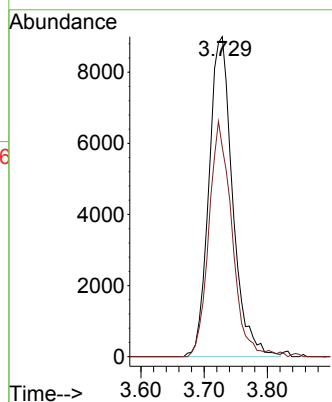
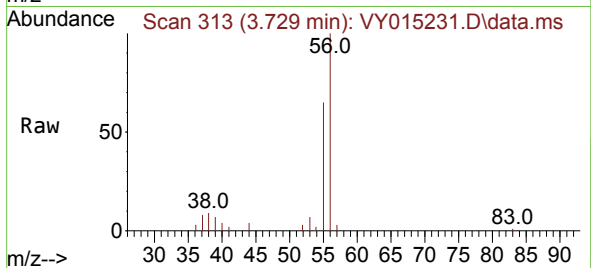
ClientSampleId :

Tgt Ion: 56 Resp: 23442

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 50.299 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

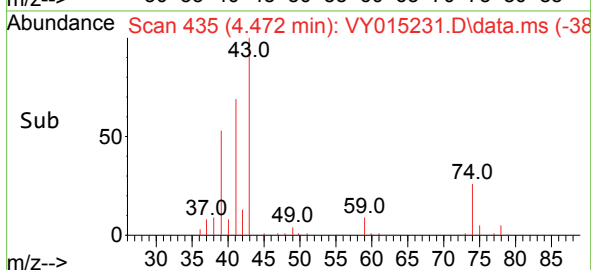
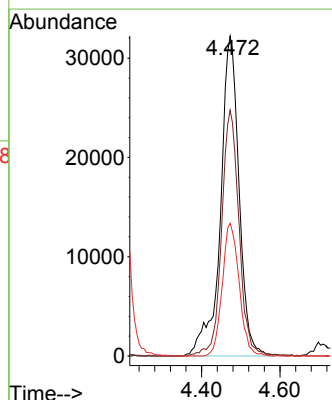
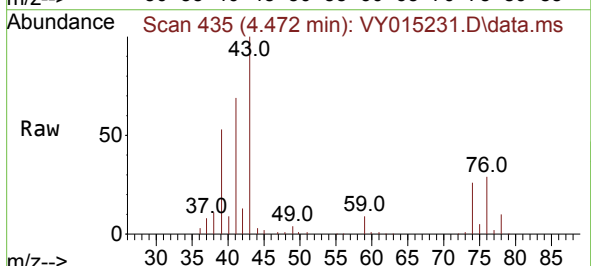
Tgt Ion: 41 Resp: 106974

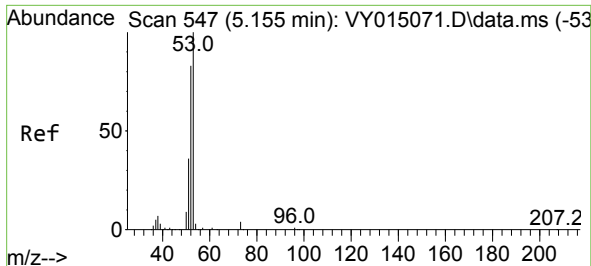
Ion Ratio Lower Upper

41 100

39 71.5 58.0 87.0

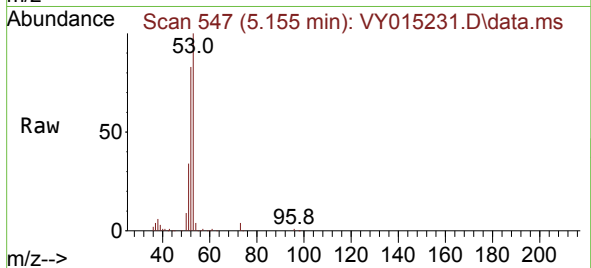
76 37.4 27.4 41.2





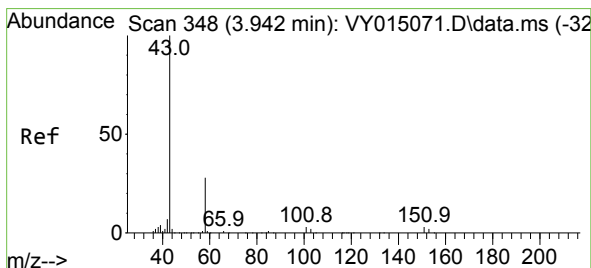
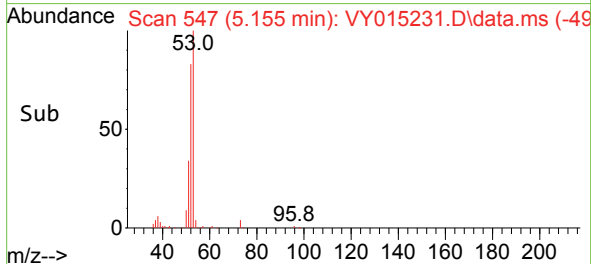
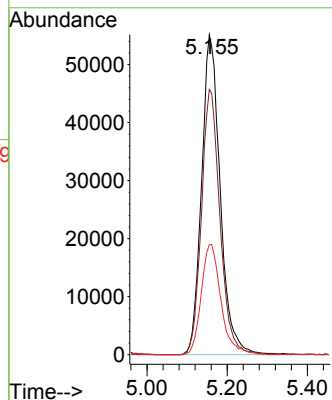
#15
Acrylonitrile
Concen: 289.200 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 53 Resp: 177662

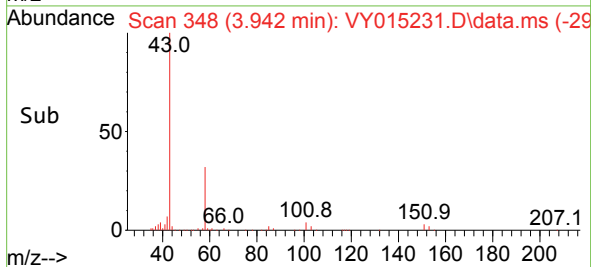
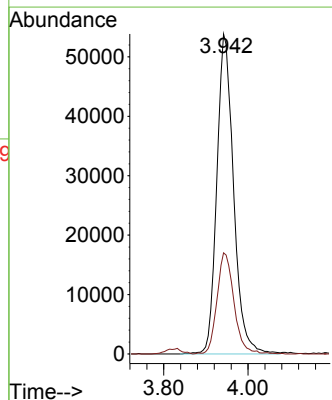
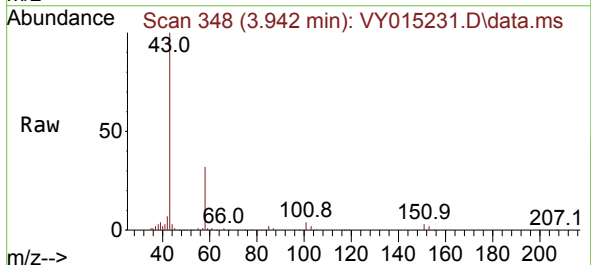
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.9	100.3
51	36.4	29.8	44.6

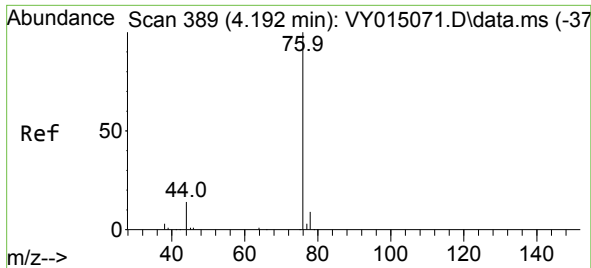


#16
Acetone
Concen: 219.132 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 43 Resp: 148139

Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.7	34.1

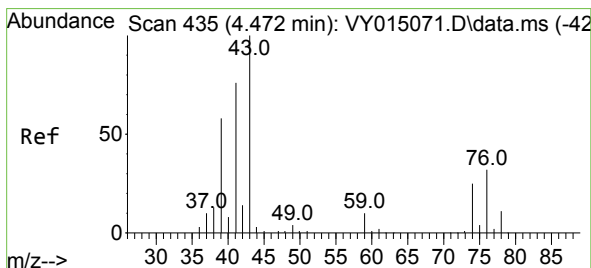
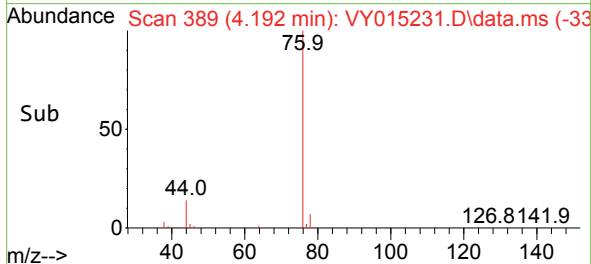
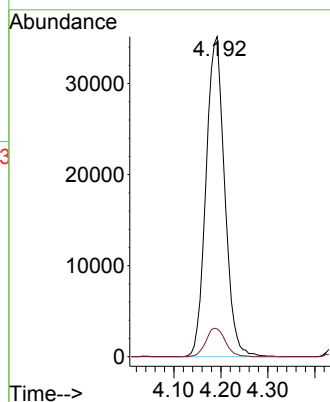
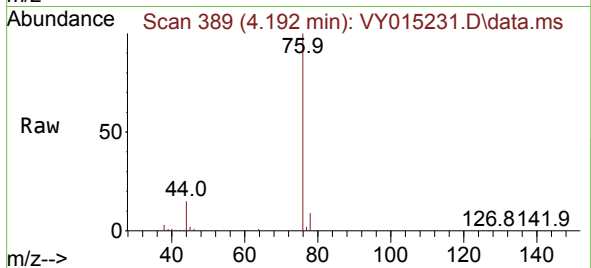




#17
Carbon Disulfide
Concen: 45.765 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

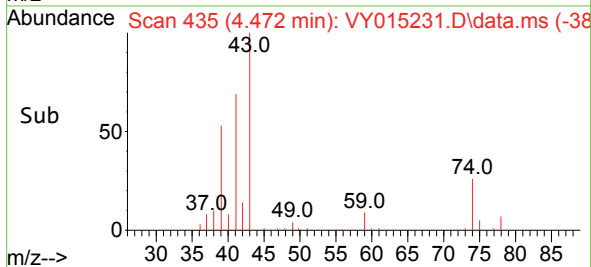
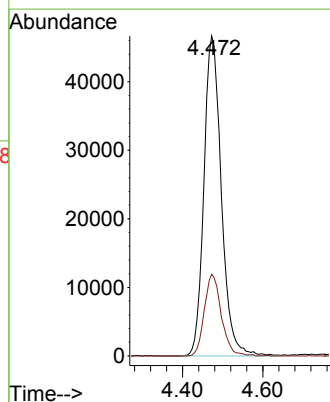
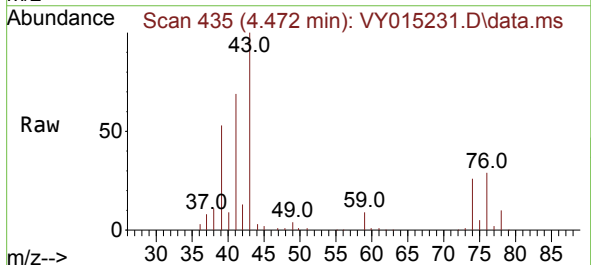
Instrument :
MSVOA_Y
ClientSampleId :

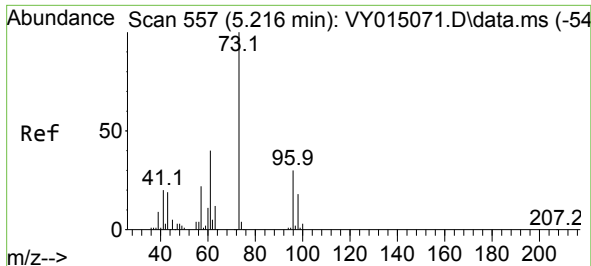
Tgt Ion: 76 Resp: 96613
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 56.816 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 43 Resp: 140753
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

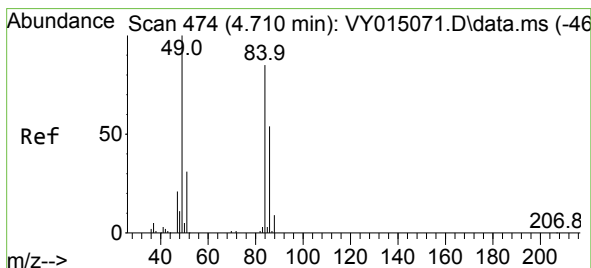
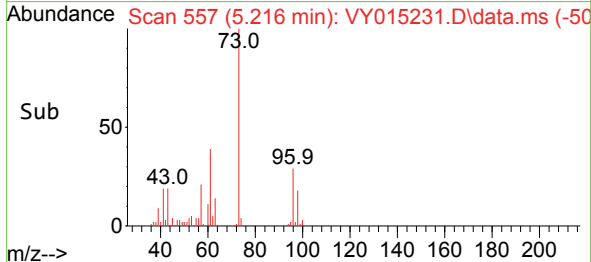
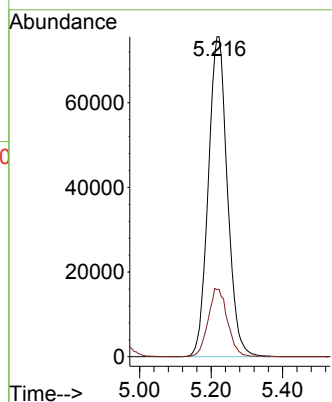
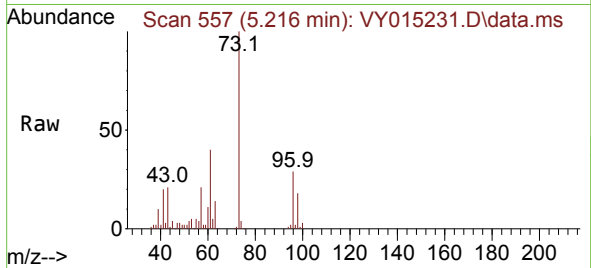




#19
Methyl tert-butyl Ether
Concen: 55.003 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

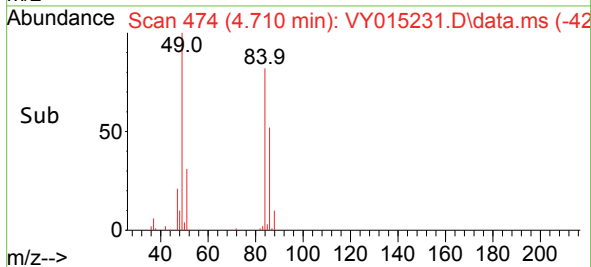
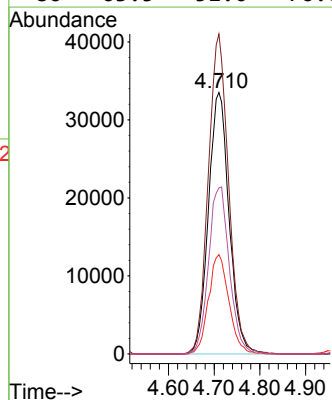
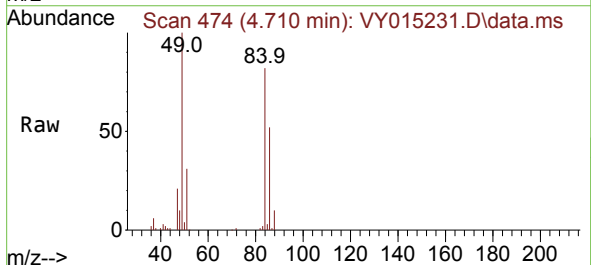
Instrument :
MSVOA_Y
ClientSampleId :

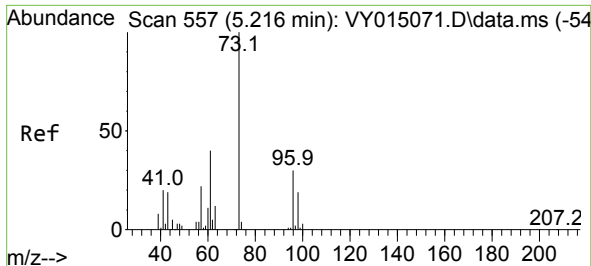
Tgt Ion: 73 Resp: 280541
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 66.398 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

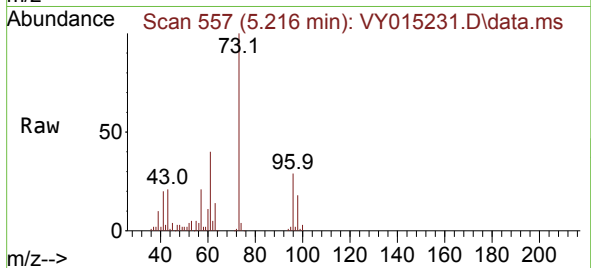
Tgt Ion: 84 Resp: 105326
Ion Ratio Lower Upper
84 100
49 122.4 106.9 160.3
51 38.0 33.2 49.8
86 63.5 51.0 76.6



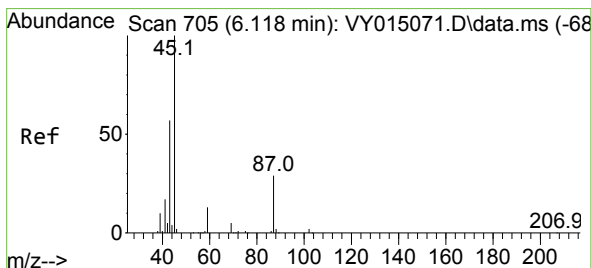
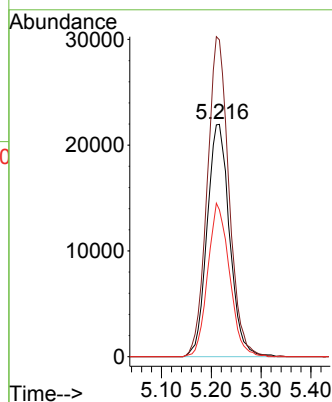
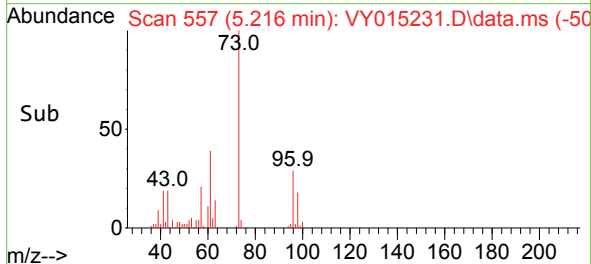


#21
trans-1,2-Dichloroethene
Concen: 50.871 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

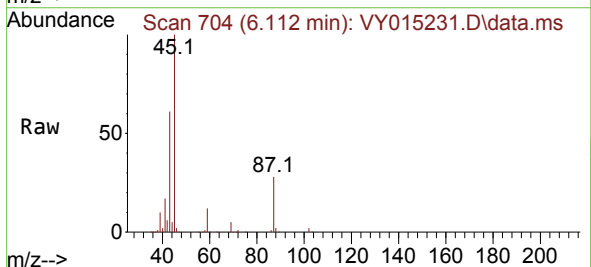
Instrument :
MSVOA_Y
ClientSampleId :



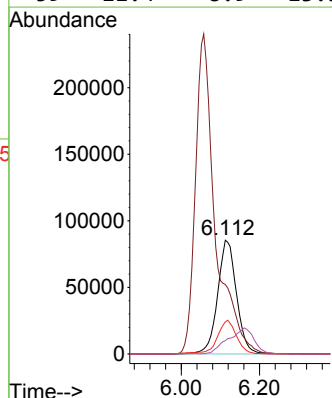
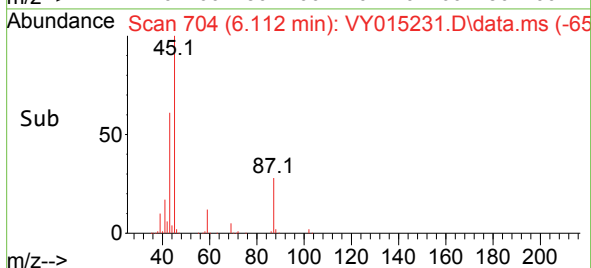
Tgt Ion: 96 Resp: 68831
Ion Ratio Lower Upper
96 100
61 136.3 110.2 165.4
98 63.2 51.8 77.6

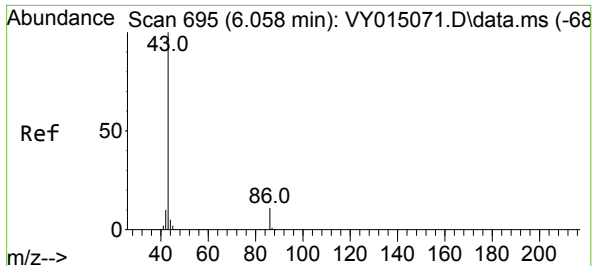


#22
Diisopropyl ether
Concen: 53.910 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30



Tgt Ion: 45 Resp: 286090
Ion Ratio Lower Upper
45 100
43 60.6 52.2 78.4
87 28.1 21.0 31.6
59 11.4 8.9 13.3

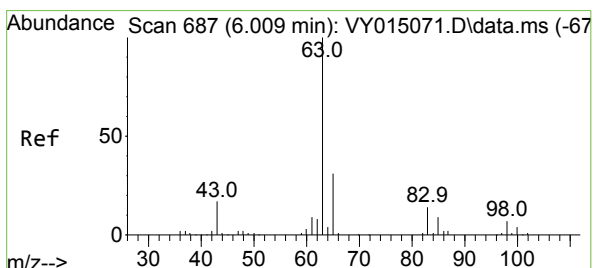
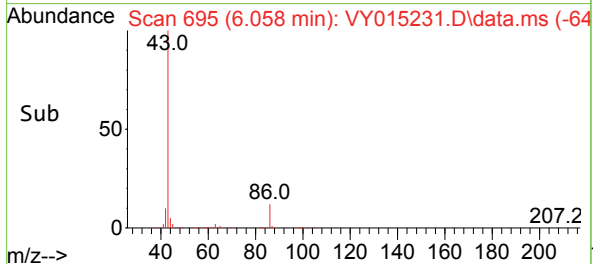
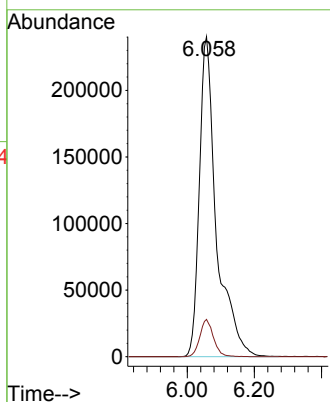
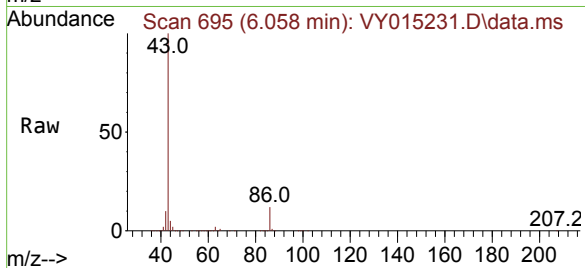




#23
 Vinyl Acetate
 Concen: 267.299 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015231.D
 Acq: 21 Aug 2023 20:30

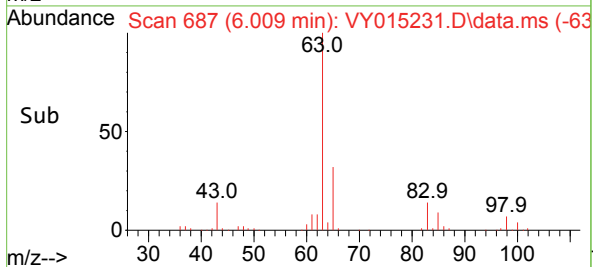
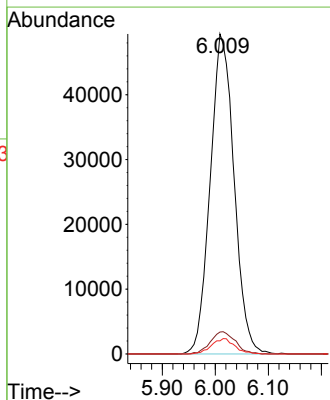
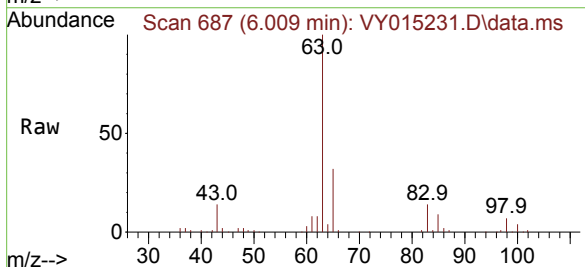
Instrument :
 MSVOA_Y
 ClientSampleId :

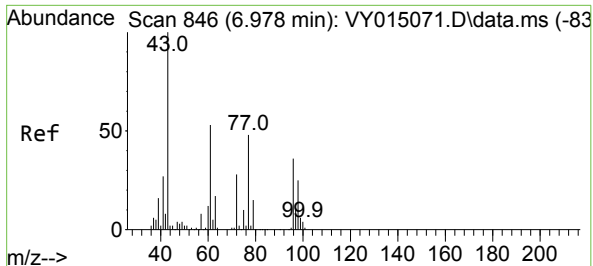
Tgt Ion: 43 Resp: 846410
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 53.728 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015231.D
 Acq: 21 Aug 2023 20:30

Tgt Ion: 63 Resp: 154363
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.1 1.8 5.5

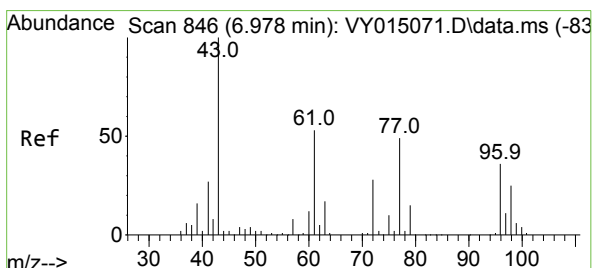
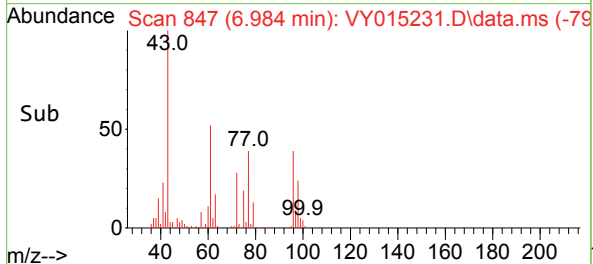
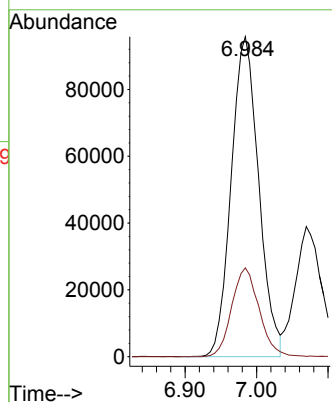
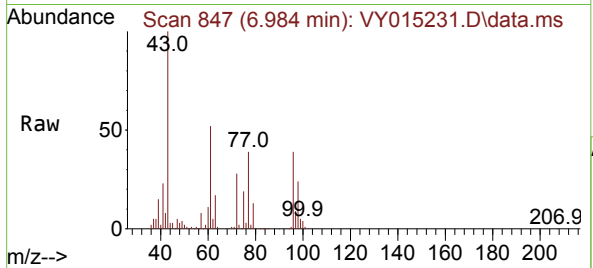




#25
2-Butanone
Concen: 267.250 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

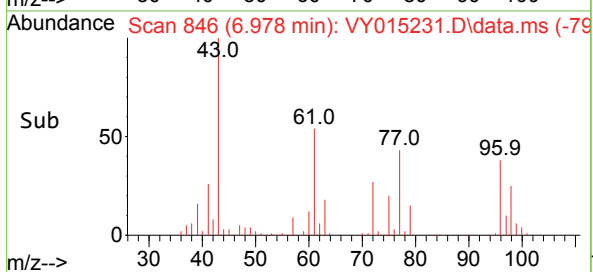
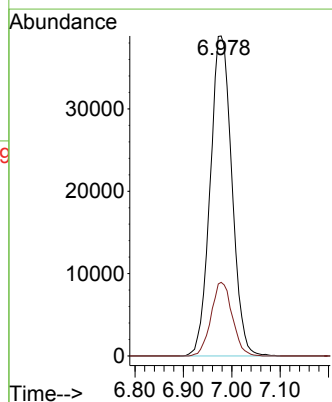
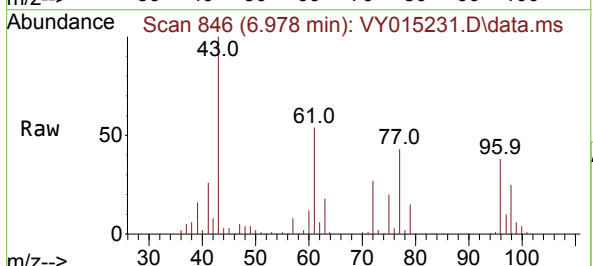
Instrument :
MSVOA_Y
ClientSampleId :

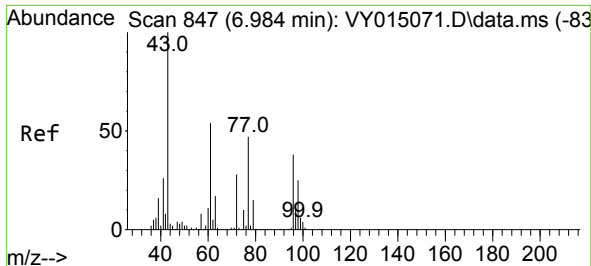
Tgt Ion: 43 Resp: 255807
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 43.733 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 77 Resp: 121125
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.717 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

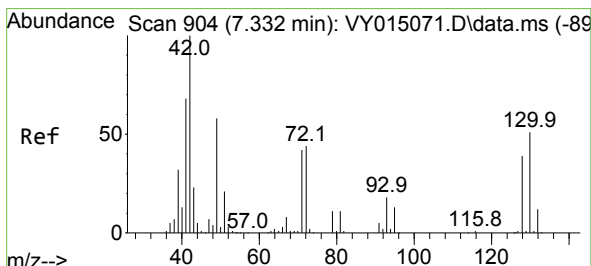
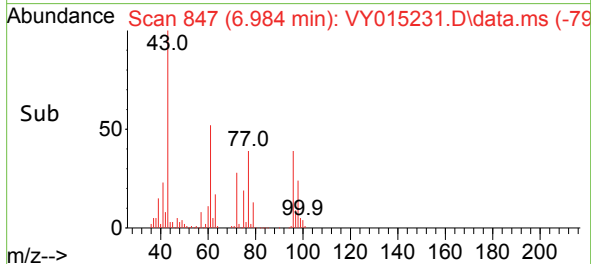
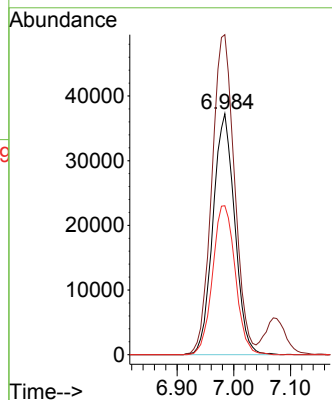
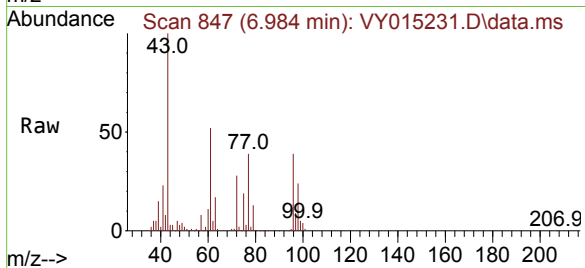
Tgt Ion: 96 Resp: 99285

Ion Ratio Lower Upper

96 100

61 138.5 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 51.562 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

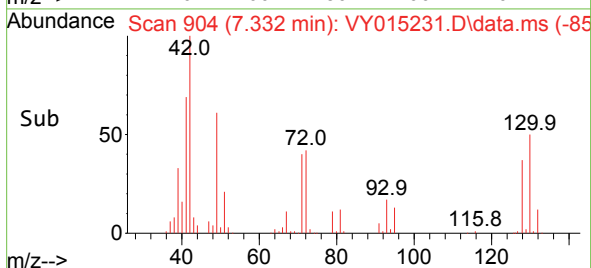
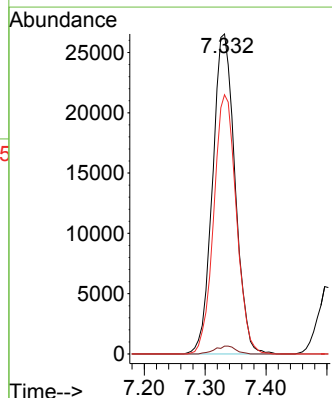
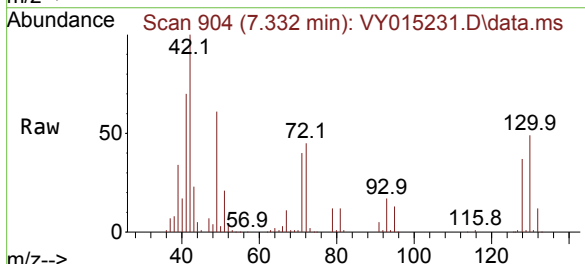
Tgt Ion: 49 Resp: 68060

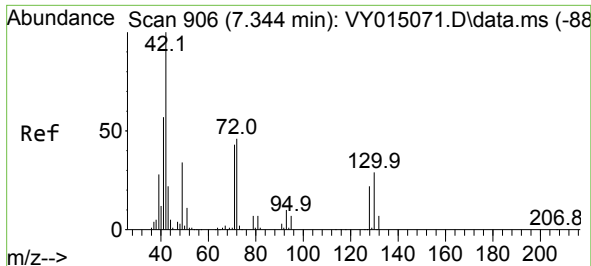
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

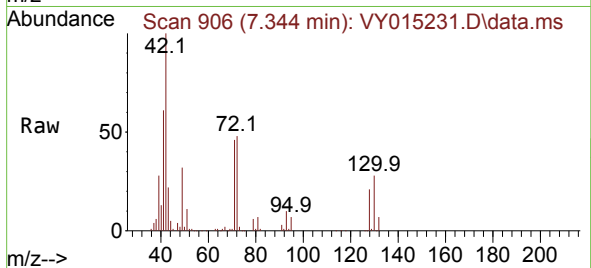
130 81.3 60.7 91.1



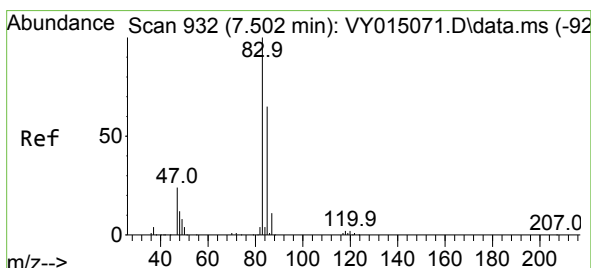
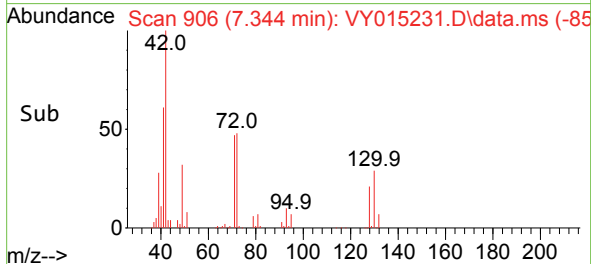
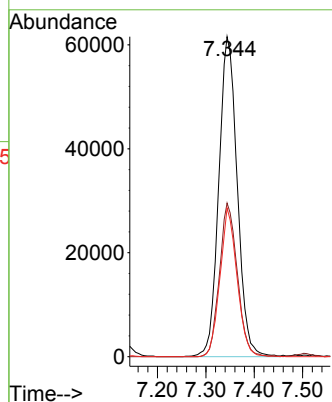


#29
Tetrahydrofuran
Concen: 285.292 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Instrument :
MSVOA_Y
ClientSampleId :

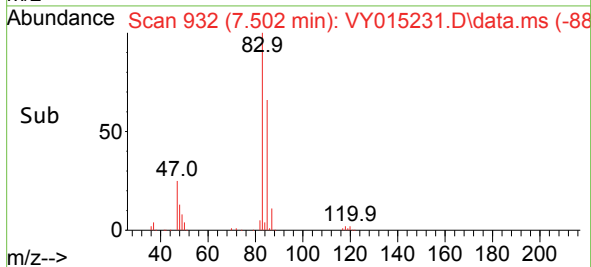
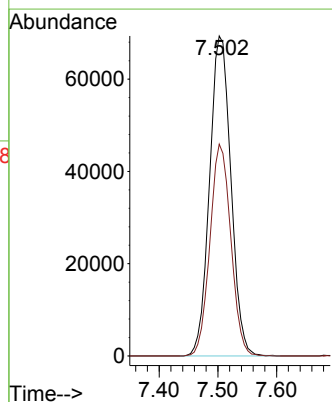
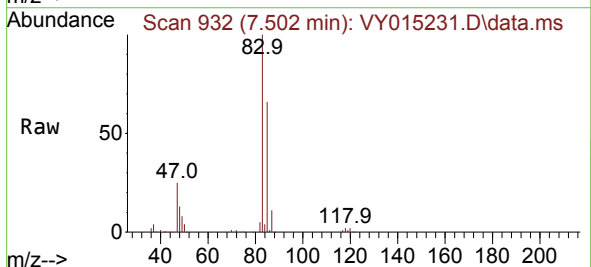


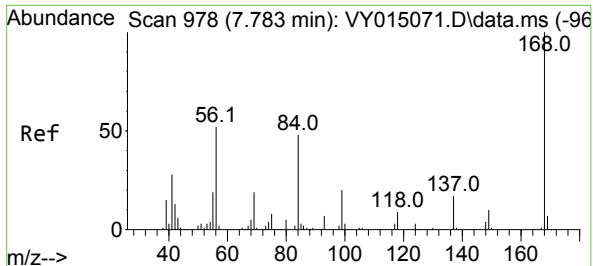
Tgt Ion: 42 Resp: 163284
Ion Ratio Lower Upper
42 100
72 46.4 32.8 49.2
71 43.0 31.0 46.4



#30
Chloroform
Concen: 54.292 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

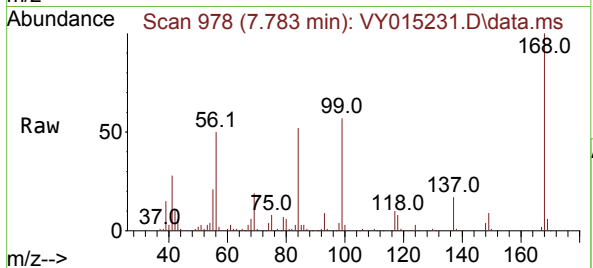
Tgt Ion: 83 Resp: 174862
Ion Ratio Lower Upper
83 100
85 66.2 49.7 74.5



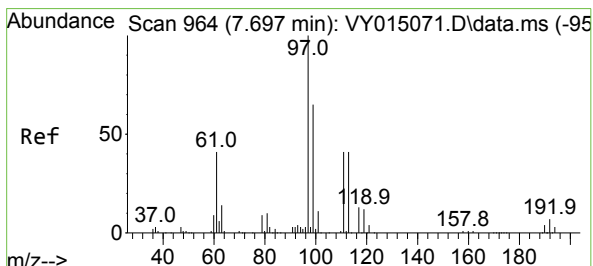
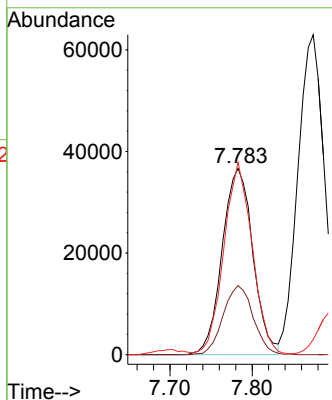
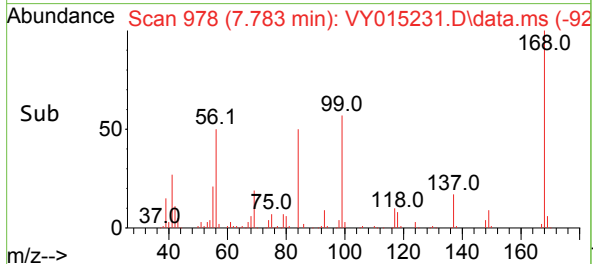


#31
Cyclohexane
Concen: 51.702 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

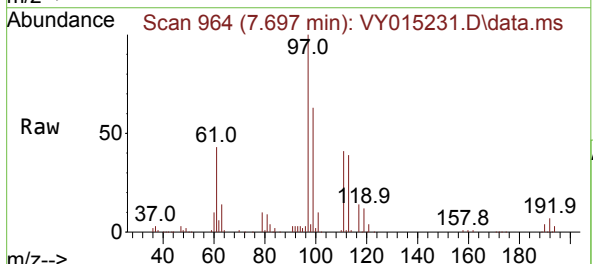
Instrument :
MSVOA_Y
ClientSampleId :



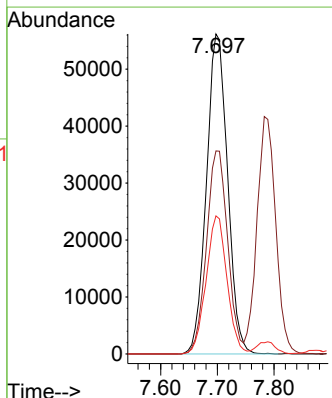
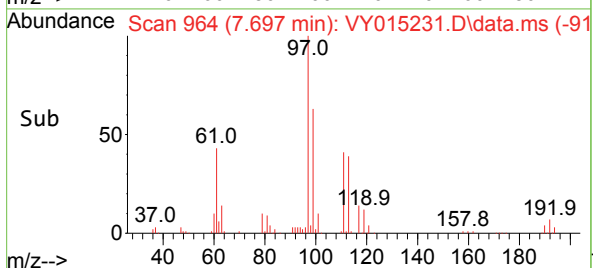
Tgt Ion: 56 Resp: 95404
Ion Ratio Lower Upper
56 100
69 37.1 27.8 41.6
84 101.5 66.4 99.6#

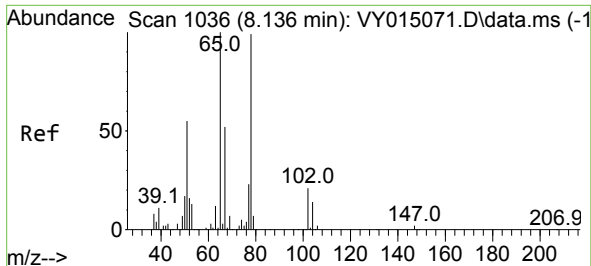


#32
1,1,1-Trichloroethane
Concen: 53.100 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30



Tgt Ion: 97 Resp: 145530
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.400 ug/l

RT: 8.136 min Scan# 116711

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

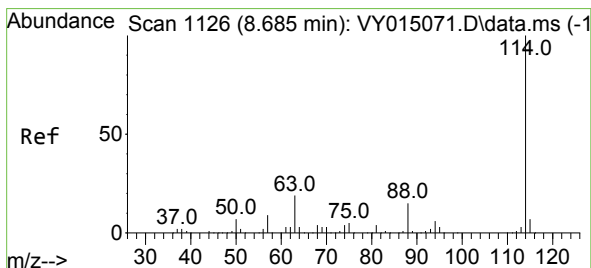
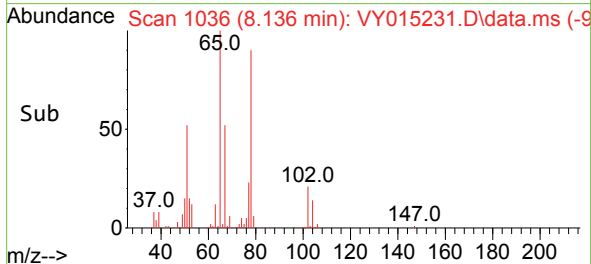
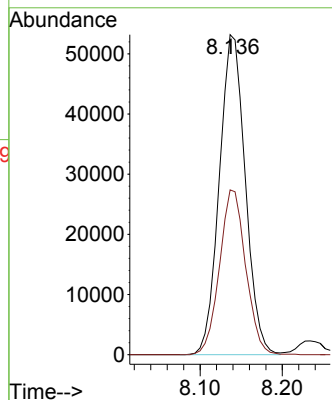
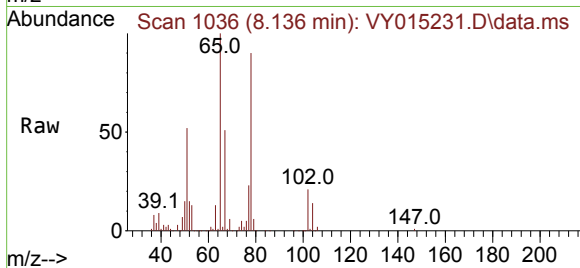
ClientSampleId :

Tgt Ion: 65 Resp: 116711

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: VY015231.D

Acq: 21 Aug 2023 20:30

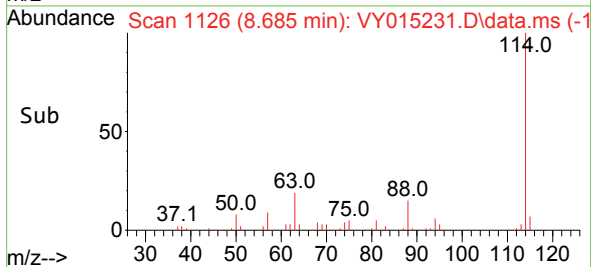
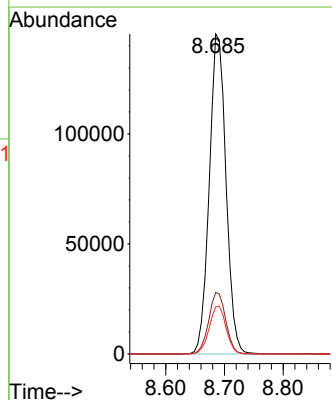
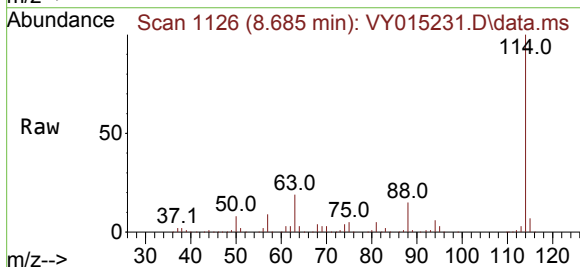
Tgt Ion: 114 Resp: 287105

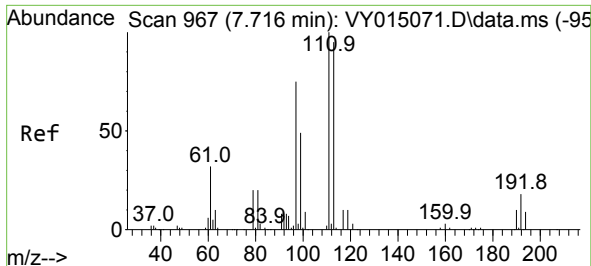
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.8 0.0 30.6

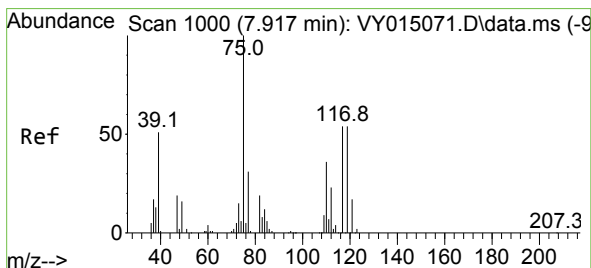
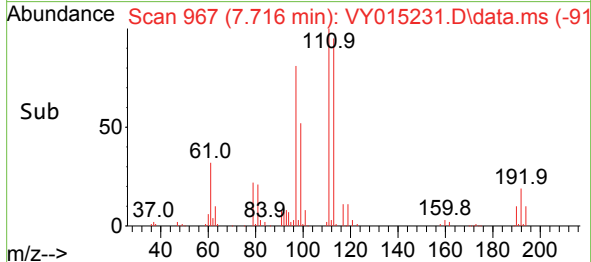
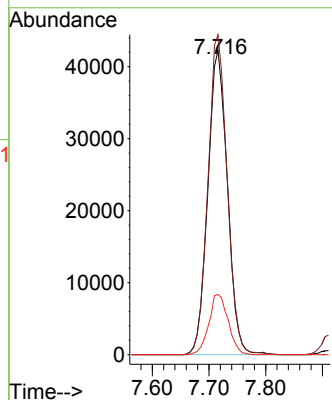
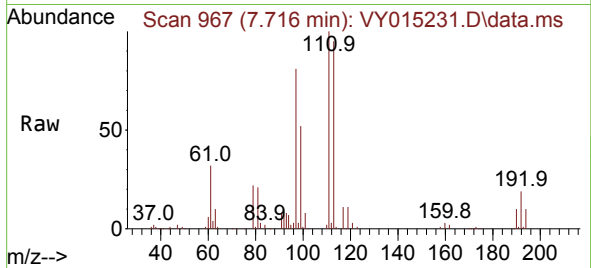




#35
 Dibromofluoromethane
 Concen: 54.741 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY015231.D
 Acq: 21 Aug 2023 20:30

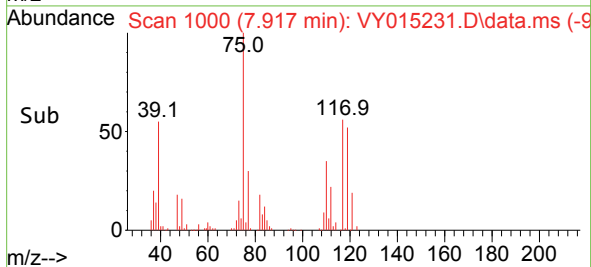
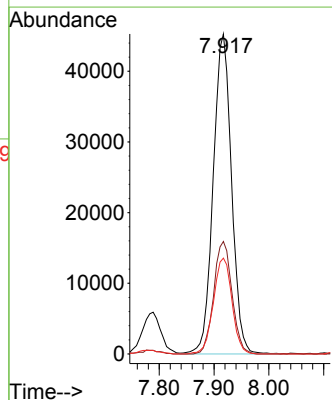
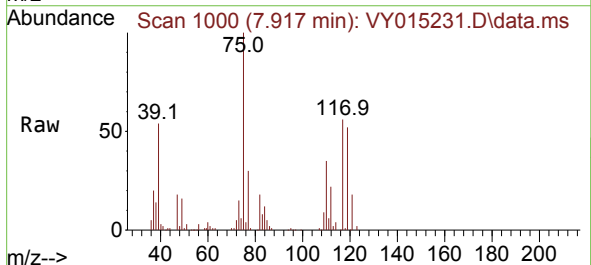
Instrument :
 MSVOA_Y
 ClientSampleId :

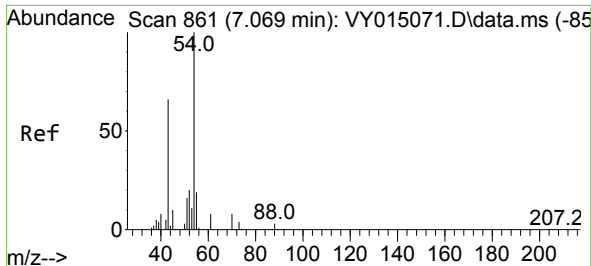
Tgt Ion:113 Resp: 101110
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.3 121.9
 192 19.6 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 51.447 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VY015231.D
 Acq: 21 Aug 2023 20:30

Tgt Ion: 75 Resp: 105127
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.8 53.5
 77 30.3 24.4 36.6

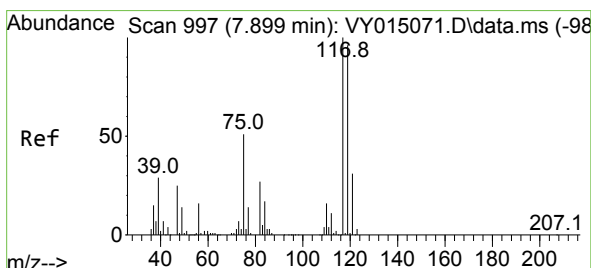
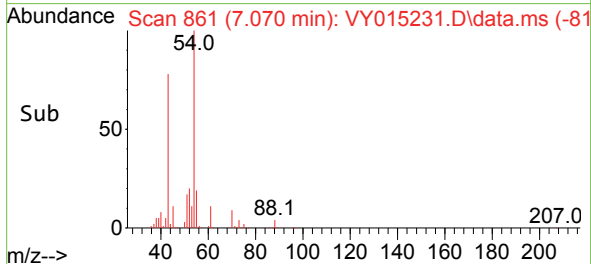
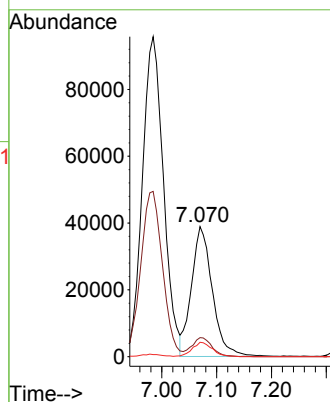
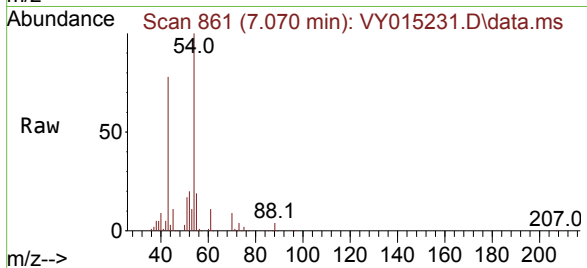




#37
Ethyl Acetate
Concen: 54.078 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

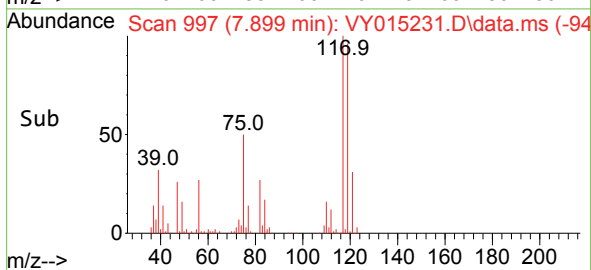
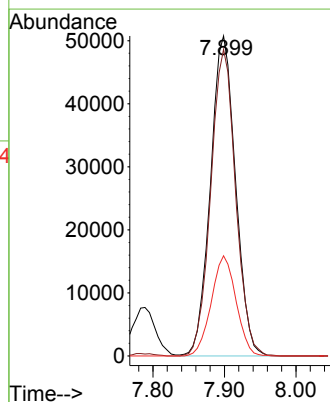
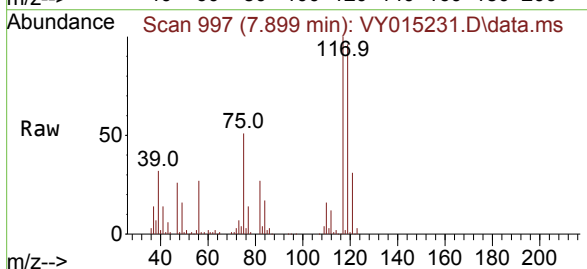
Instrument :
MSVOA_Y
ClientSampleId :

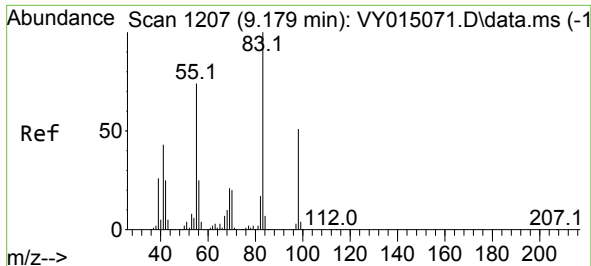
Tgt Ion: 43 Resp: 103003
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 51.101 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 117 Resp: 123581
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6
121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 48.757 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

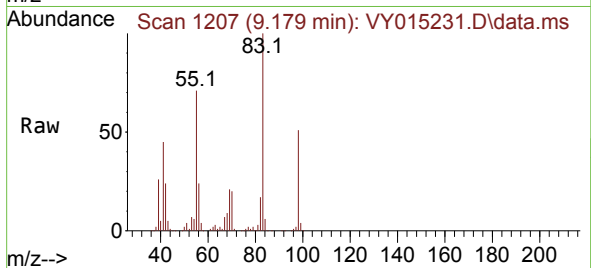
Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :



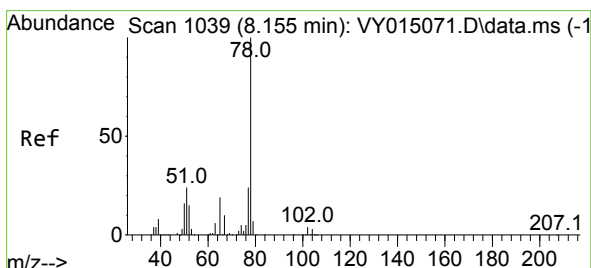
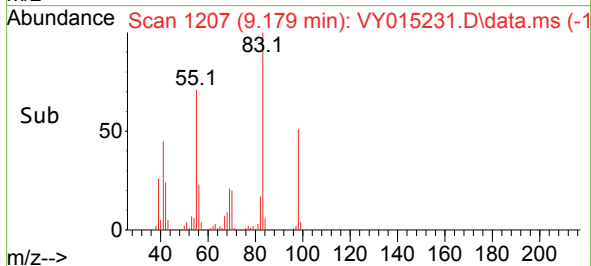
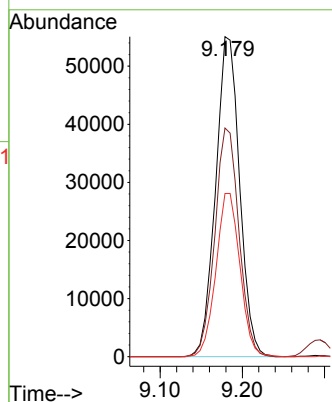
Tgt Ion: 83 Resp: 111689

Ion Ratio Lower Upper

83 100

55 71.5 63.0 94.4

98 51.0 37.4 56.2



#40

Benzene

Concen: 52.608 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015231.D

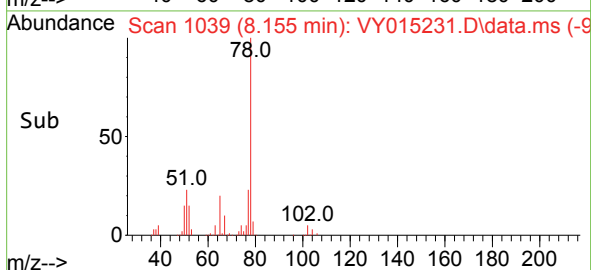
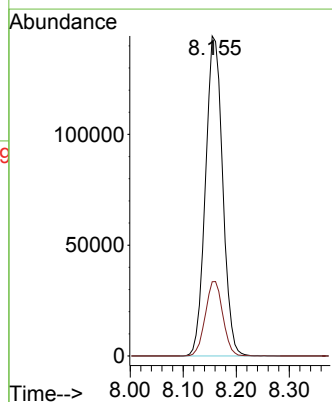
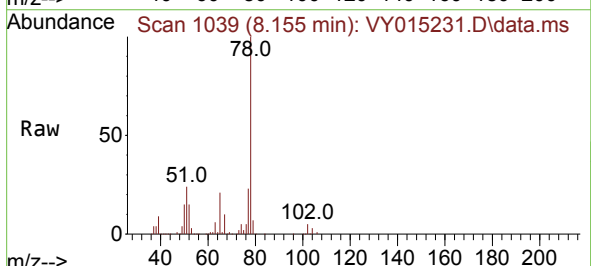
Acq: 21 Aug 2023 20:30

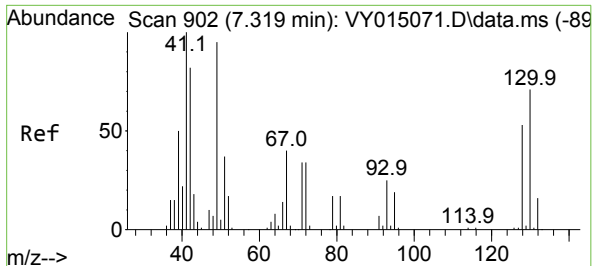
Tgt Ion: 78 Resp: 325014

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

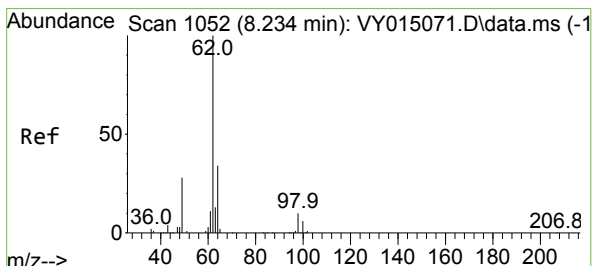
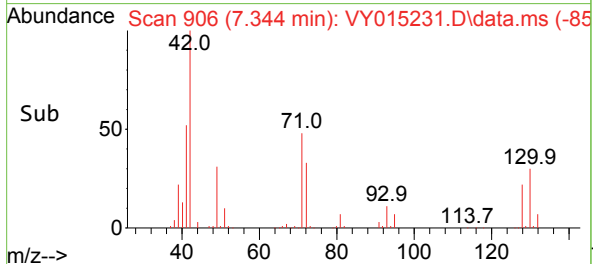
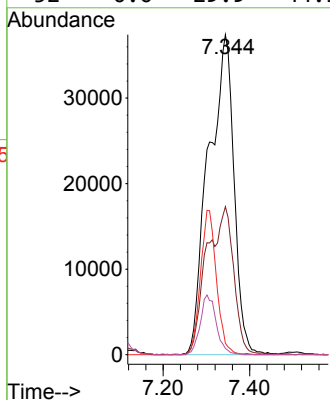
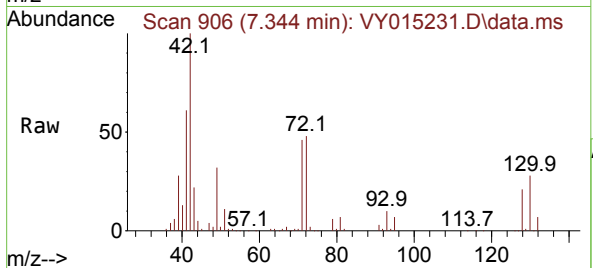




#41
Methacrylonitrile
Concen: 154.913 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

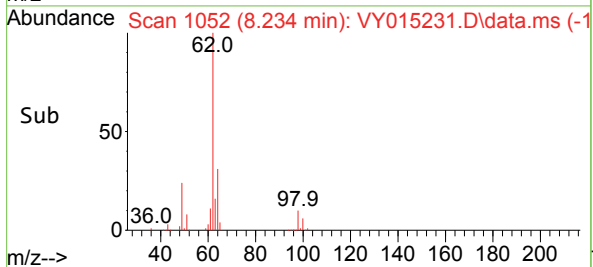
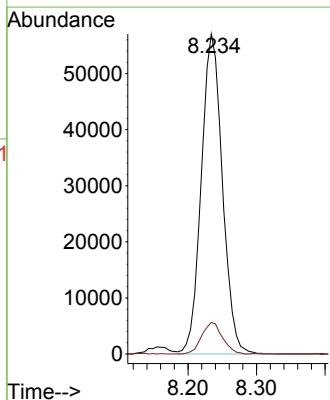
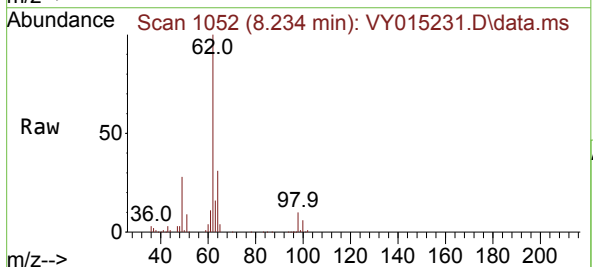
Instrument :
MSVOA_Y
ClientSampleId :

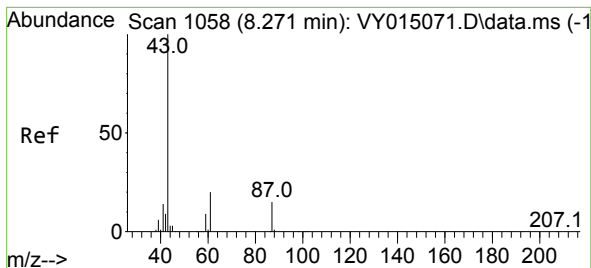
Tgt Ion: 41 Resp: 152150
Ion Ratio Lower Upper
41 100
39 25.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.573 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 62 Resp: 122446
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8





#43

Isopropyl Acetate

Concen: 54.605 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

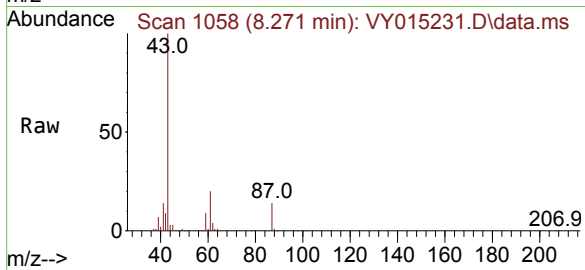
Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :



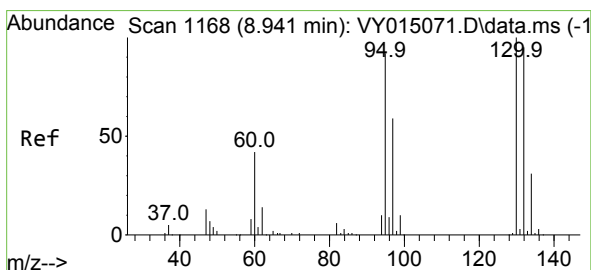
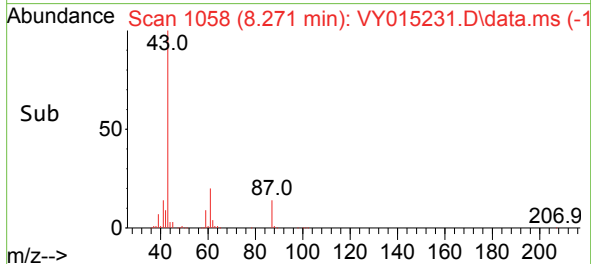
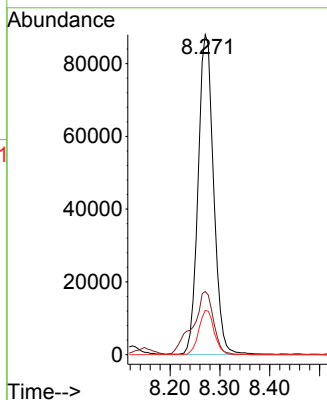
Tgt Ion: 43 Resp: 189404

Ion Ratio Lower Upper

43 100

61 26.5 21.1 31.7

87 13.8 9.8 14.8



#44

Trichloroethene

Concen: 52.692 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY015231.D

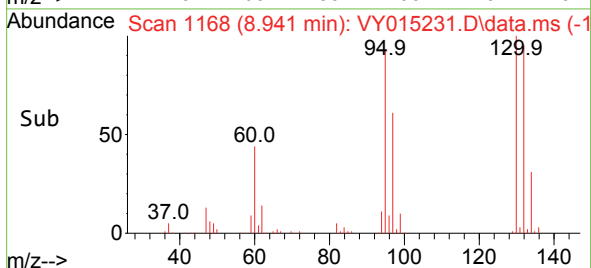
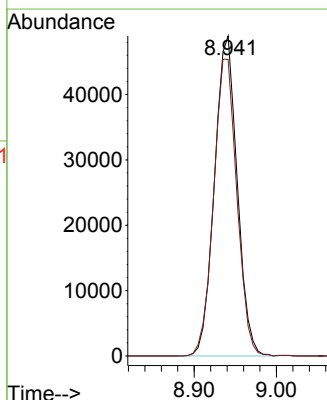
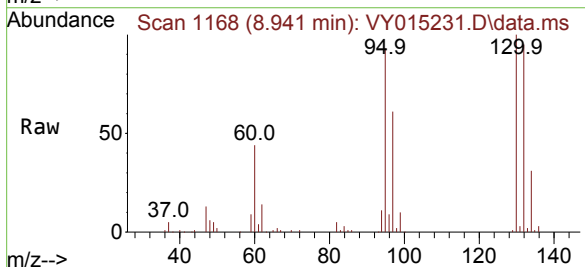
Acq: 21 Aug 2023 20:30

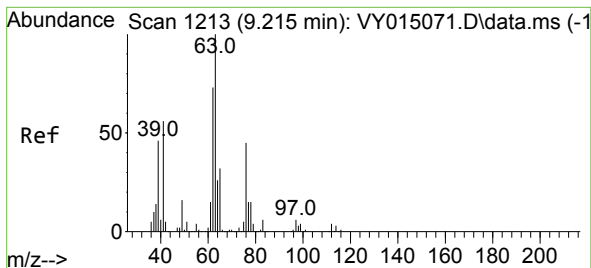
Tgt Ion:130 Resp: 93784

Ion Ratio Lower Upper

130 100

95 92.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.440 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

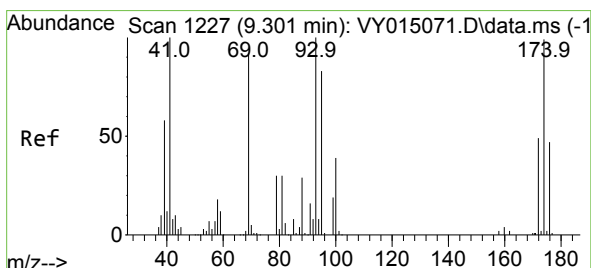
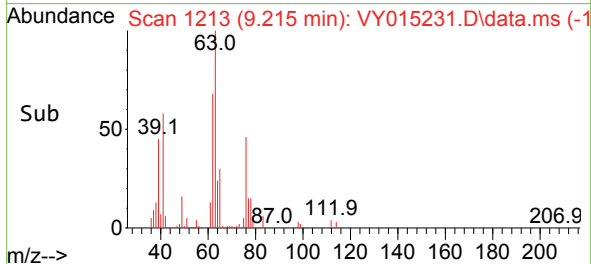
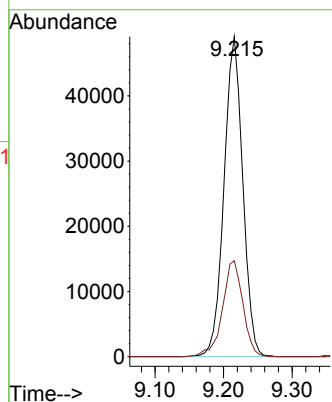
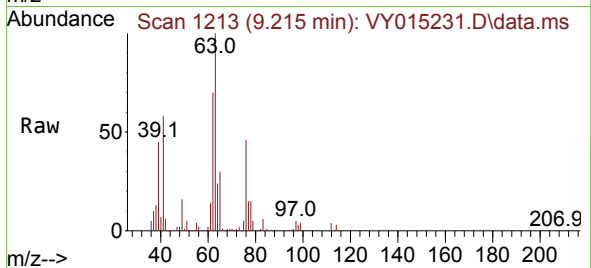
ClientSampleId :

Tgt Ion: 63 Resp: 93098

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#46

Dibromomethane

Concen: 55.413 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

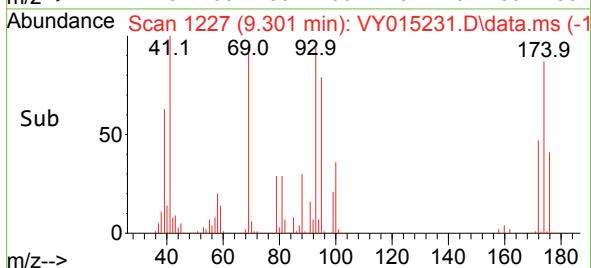
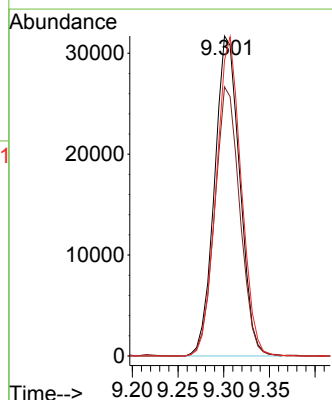
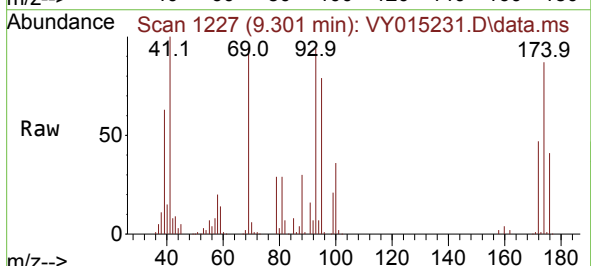
Tgt Ion: 93 Resp: 60885

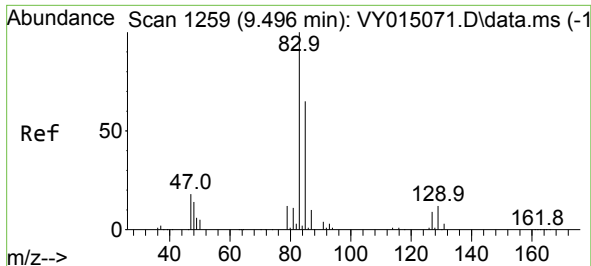
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 98.3 84.8 127.2

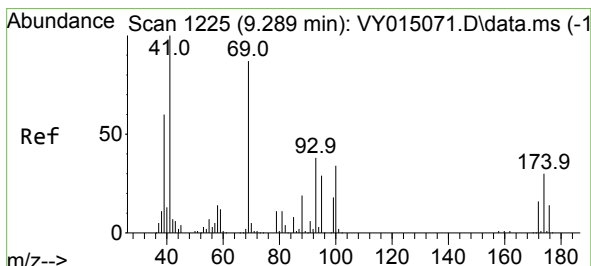
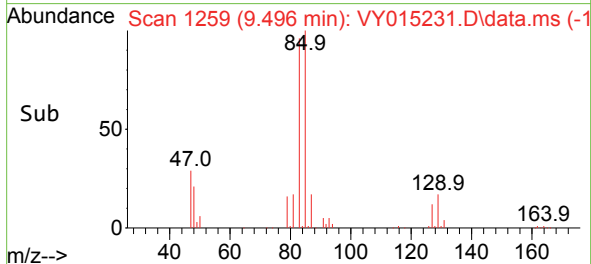
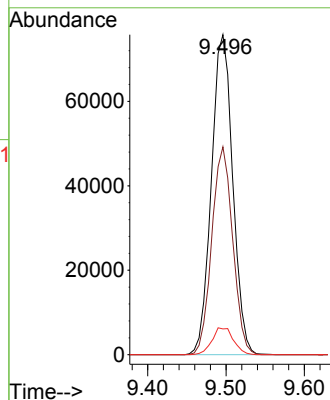
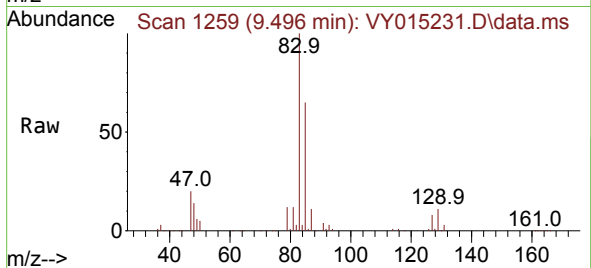




#47
Bromodichloromethane
Concen: 54.675 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

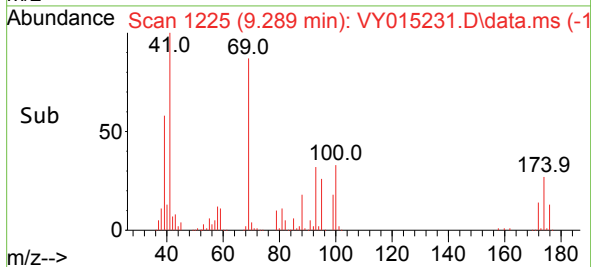
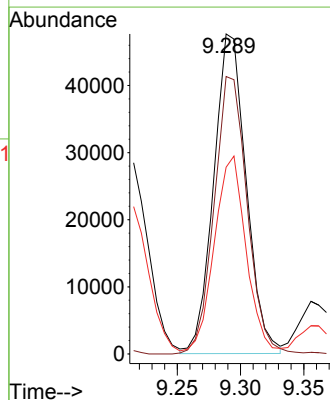
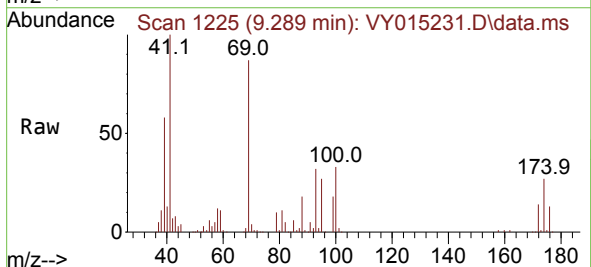
Instrument :
MSVOA_Y
ClientSampleId :

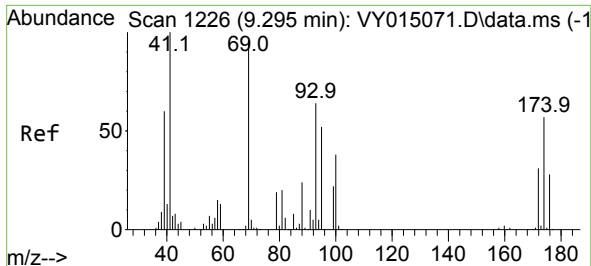
Tgt Ion: 83 Resp: 143352
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 57.395 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 41 Resp: 85162
Ion Ratio Lower Upper
41 100
69 88.3 64.5 96.7
39 61.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1135.165 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

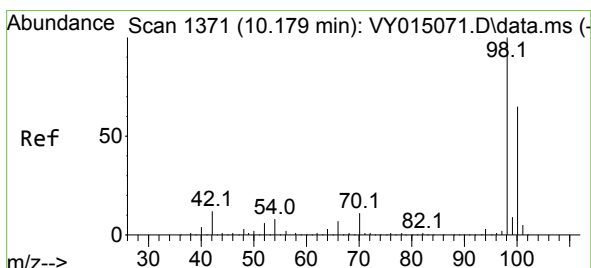
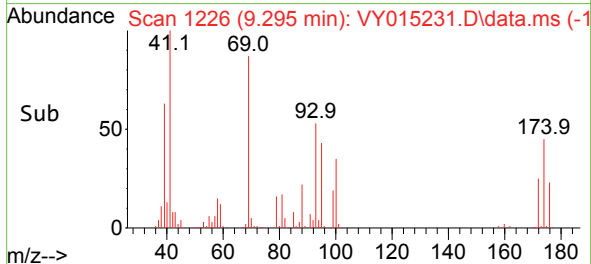
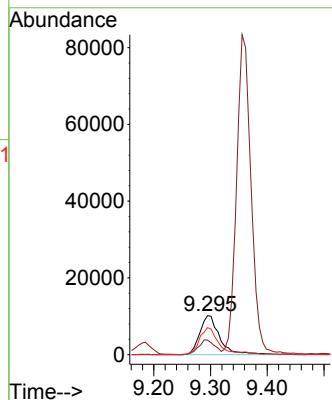
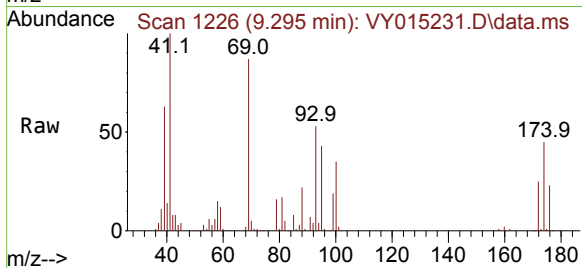
Tgt Ion: 88 Resp: 24941

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 63.8 30.9 46.3#



#50

Toluene-d8

Concen: 52.225 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015231.D

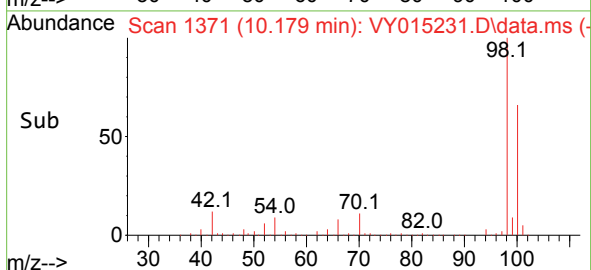
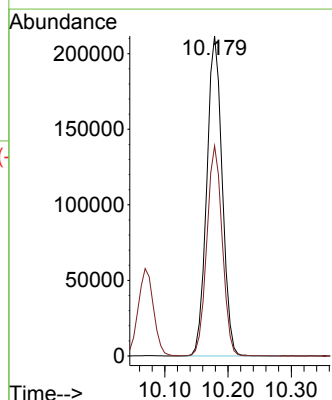
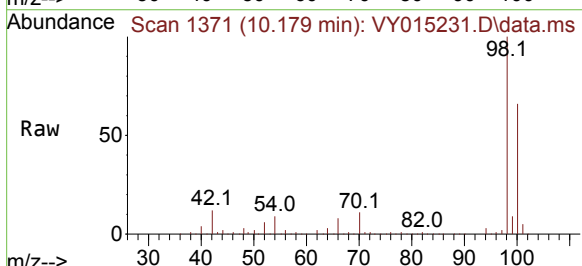
Acq: 21 Aug 2023 20:30

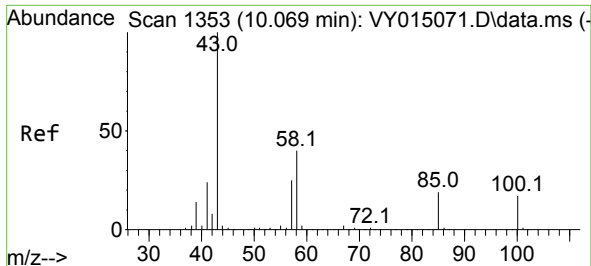
Tgt Ion: 98 Resp: 359089

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

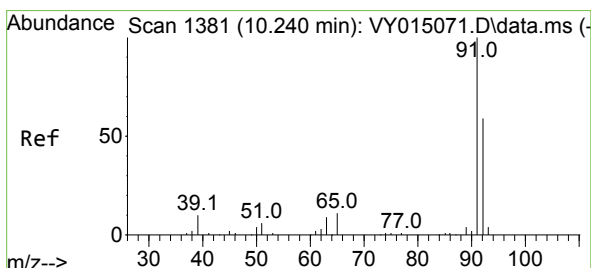
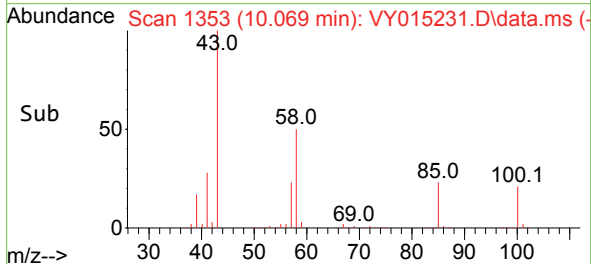
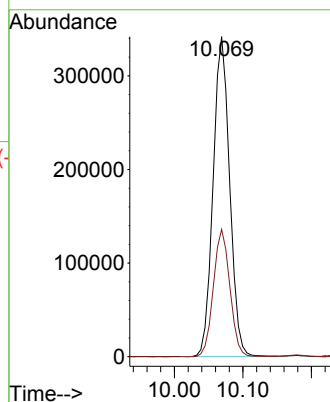
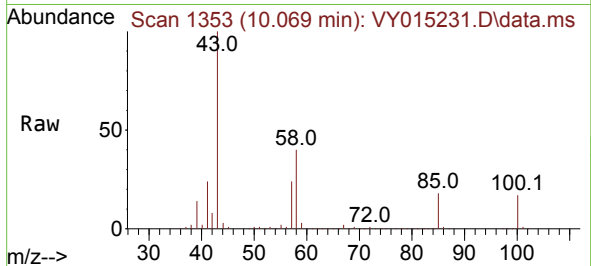




#51
4-Methyl-2-Pentanone
Concen: 284.800 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

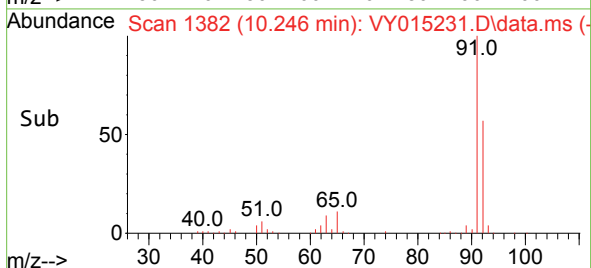
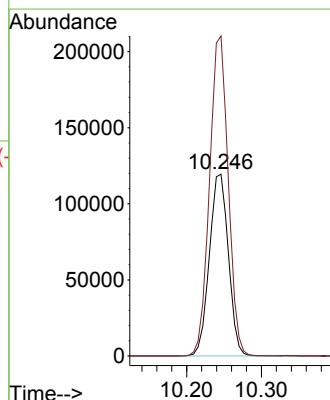
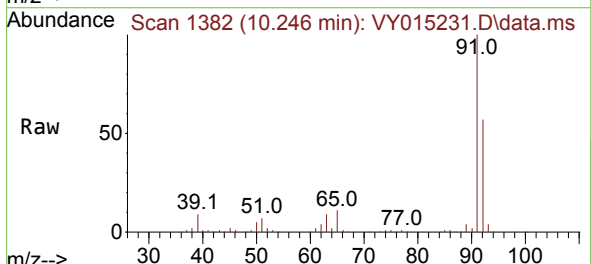
Instrument :
MSVOA_Y
ClientSampleId :

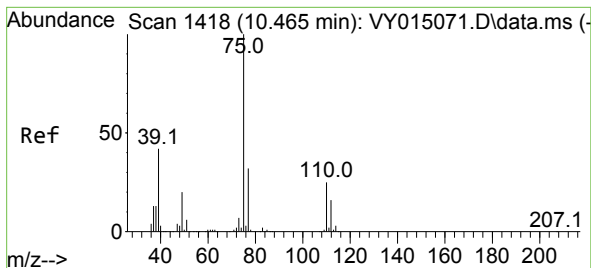
Tgt Ion: 43 Resp: 572521
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 51.757 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 92 Resp: 210753
Ion Ratio Lower Upper
92 100
91 173.3 143.8 215.6

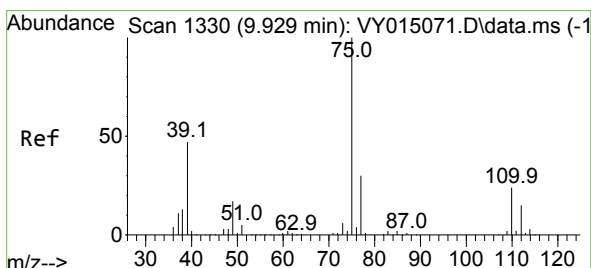
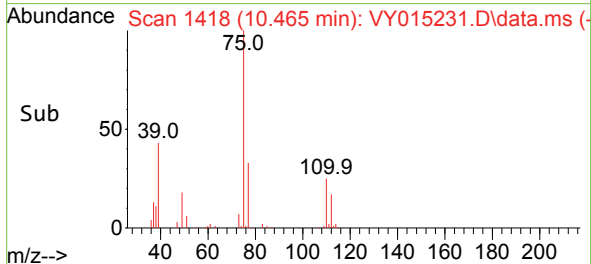
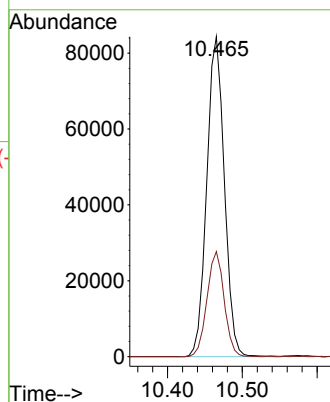
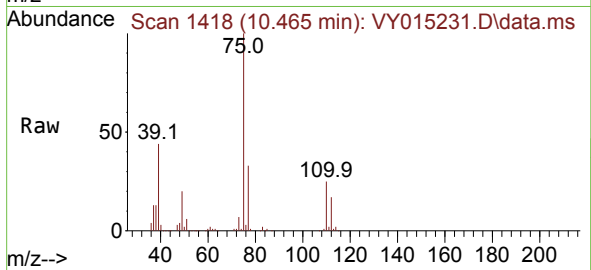




#53
t-1,3-Dichloropropene
Concen: 50.009 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

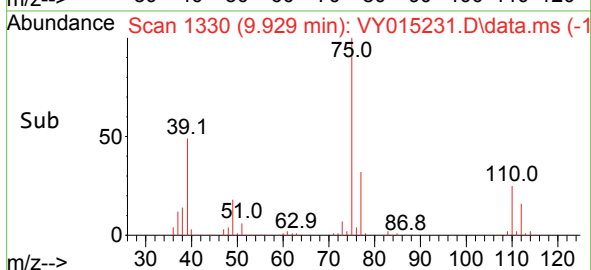
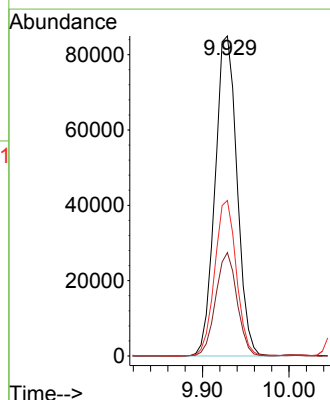
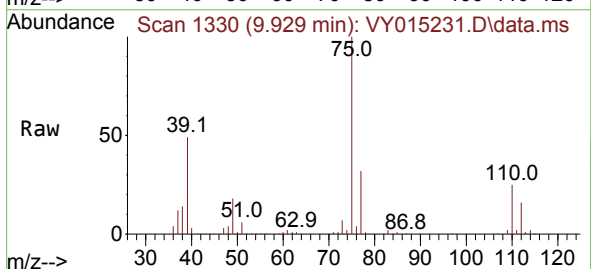
Instrument :
MSVOA_Y
ClientSampleId :

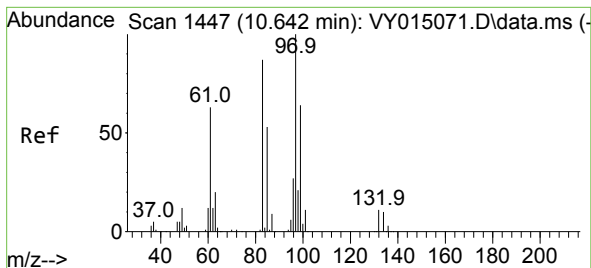
Tgt Ion: 75 Resp: 137797
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.639 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 75 Resp: 149854
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 48.6 42.2 63.4

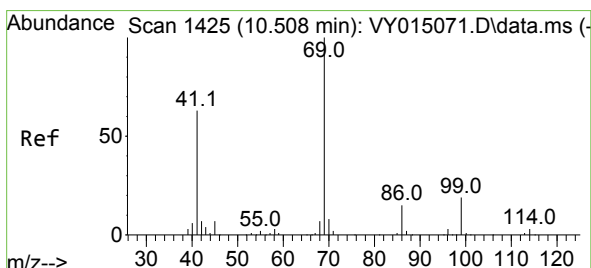
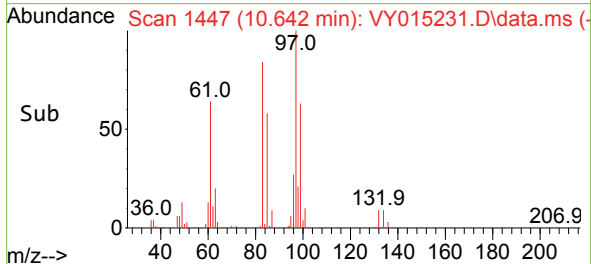
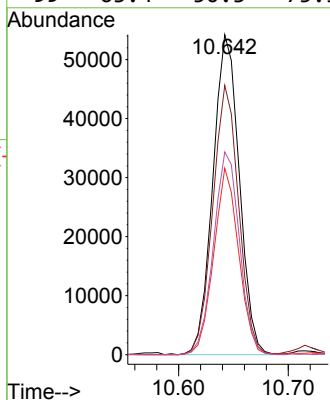
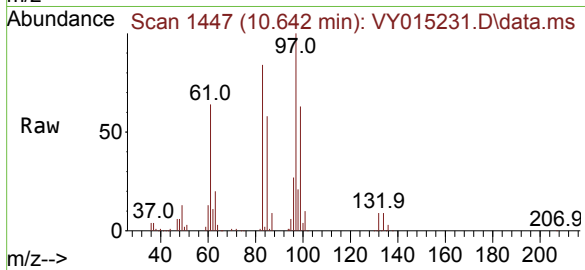




#55
1,1,2-Trichloroethane
Concen: 54.308 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

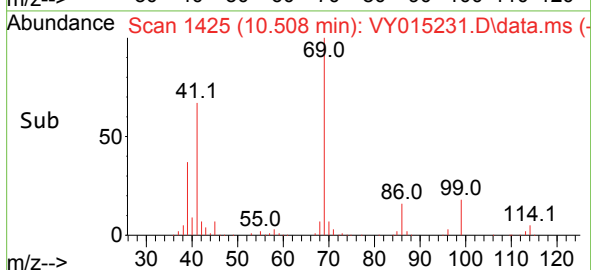
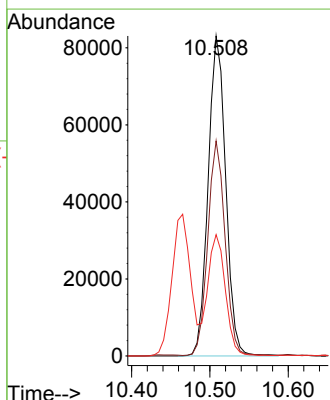
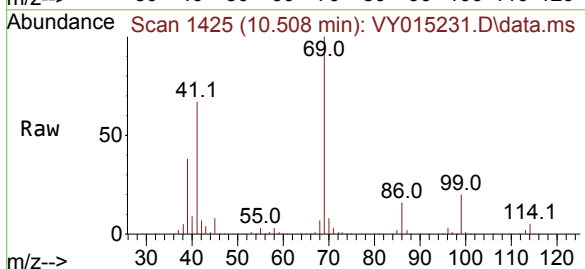
Instrument :
MSVOA_Y
ClientSampleId :

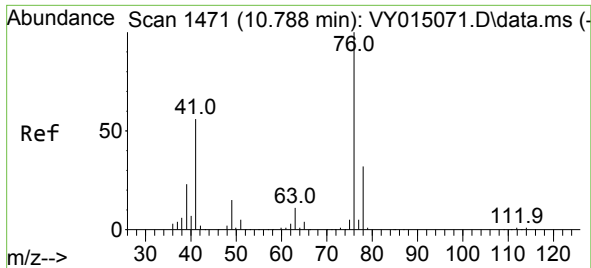
Tgt Ion:	97	Resp:	90731
Ion	Ratio	Lower	Upper
97	100		
83	84.1	72.0	108.0
85	58.3	45.4	68.0
99	63.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.001 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion:	69	Resp:	129588
Ion	Ratio	Lower	Upper
69	100		
41	65.8	57.6	86.4
39	38.8	34.1	51.1

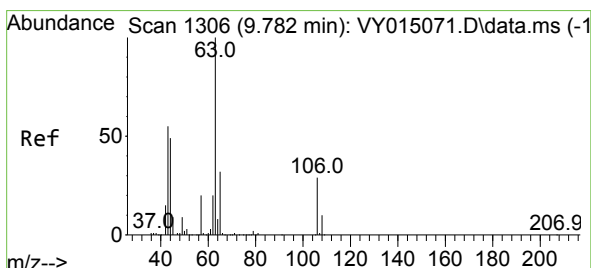
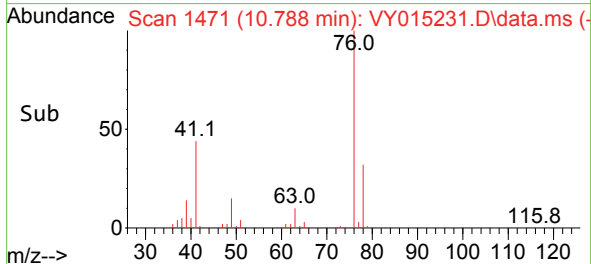
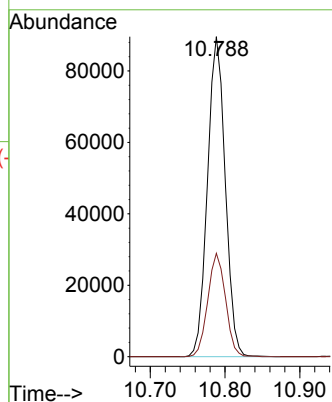
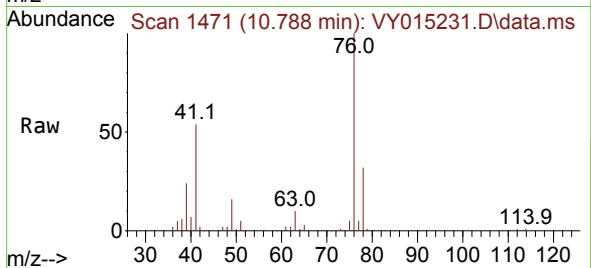




#57
 1,3-Dichloropropane
 Concen: 54.148 ug/l
 RT: 10.788 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VY015231.D
 Acq: 21 Aug 2023 20:30

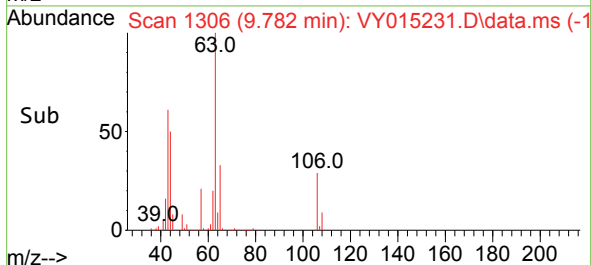
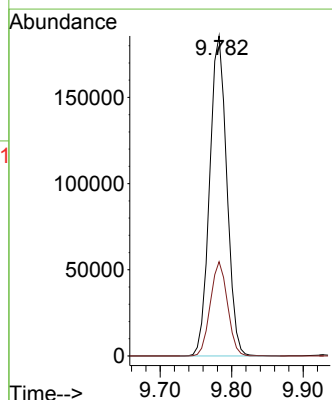
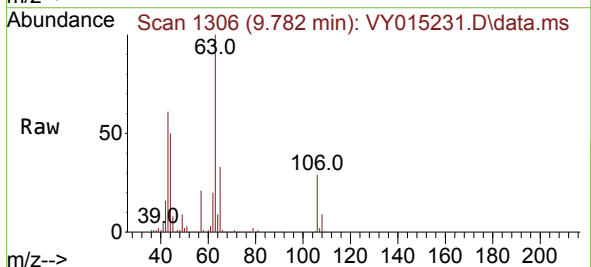
Instrument :
 MSVOA_Y
 ClientSampleId :

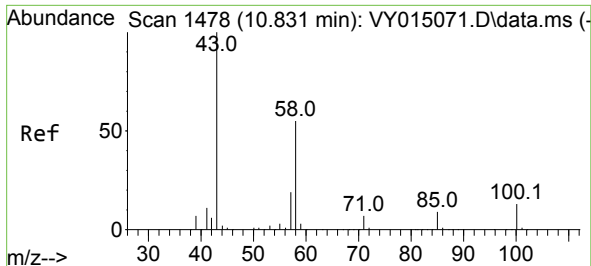
Tgt Ion: 76 Resp: 147796
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.938 ug/l
 RT: 9.782 min Scan# 1306
 Delta R.T. 0.006 min
 Lab File: VY015231.D
 Acq: 21 Aug 2023 20:30

Tgt Ion: 63 Resp: 309424
 Ion Ratio Lower Upper
 63 100
 106 29.4 21.2 31.8

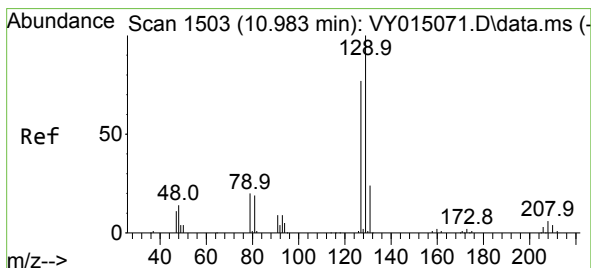
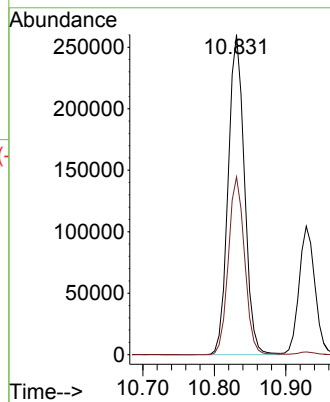
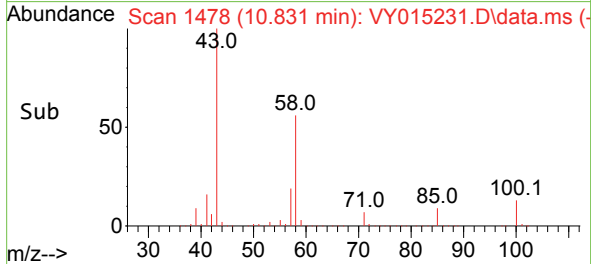
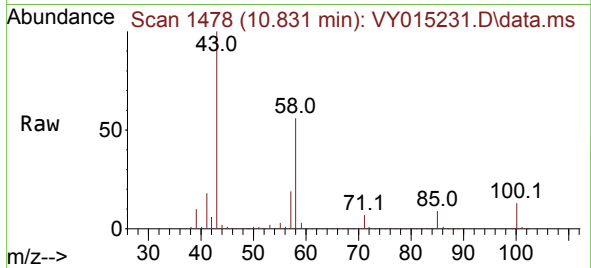




#59
2-Hexanone
Concen: 276.149 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

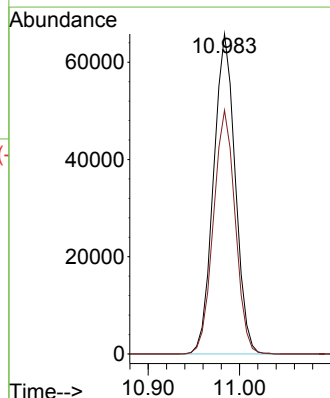
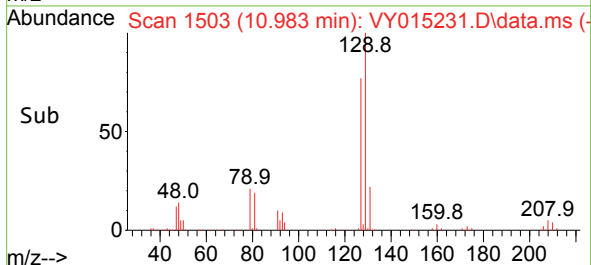
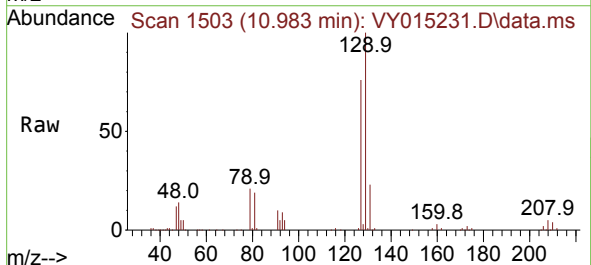
Instrument :
MSVOA_Y
ClientSampleId :

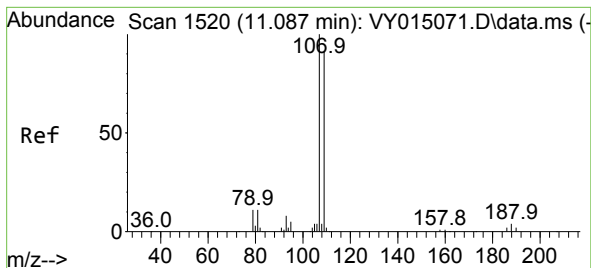
Tgt Ion: 43 Resp: 410856
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 54.438 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion:129 Resp: 108489
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.879 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

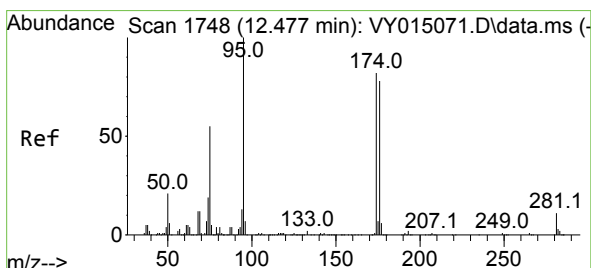
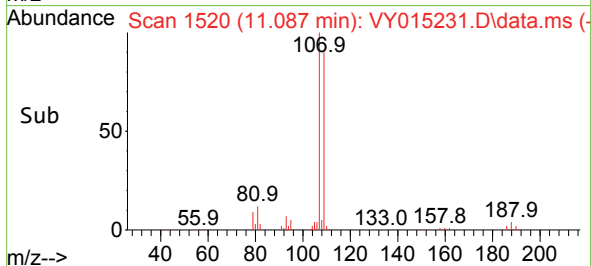
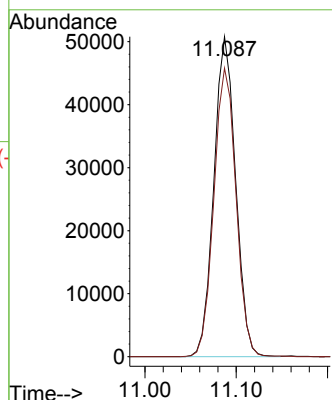
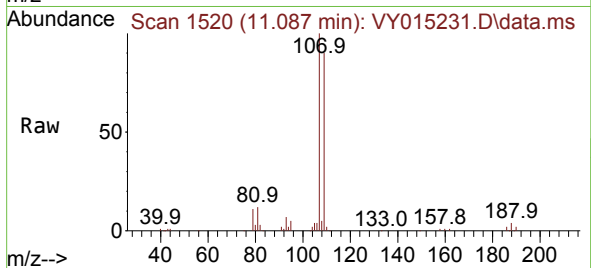
ClientSampleId :

Tgt Ion:107 Resp: 83924

Ion Ratio Lower Upper

107 100

109 92.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.394 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

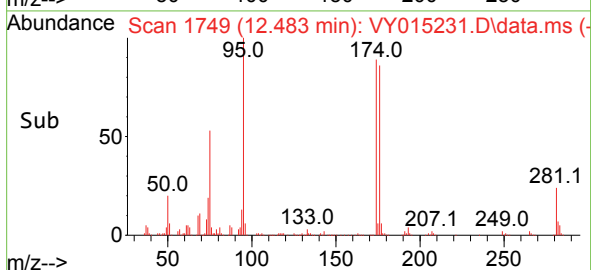
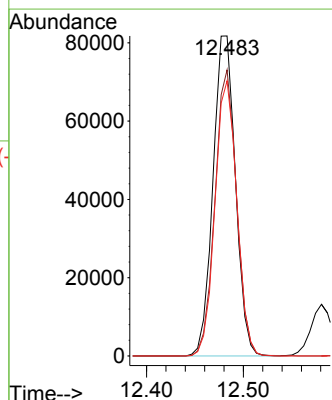
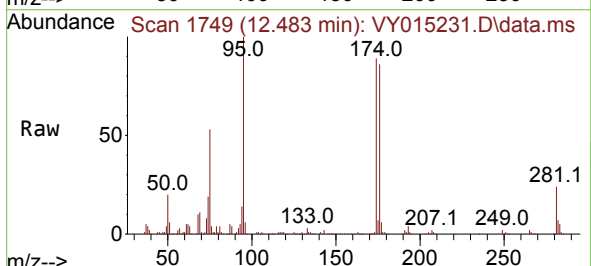
Tgt Ion: 95 Resp: 131579

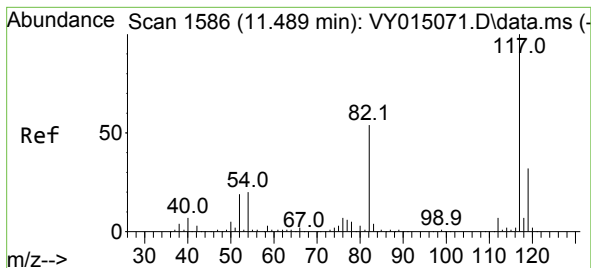
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 83.7 0.0 173.8

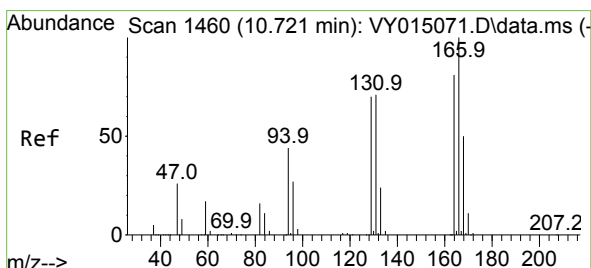
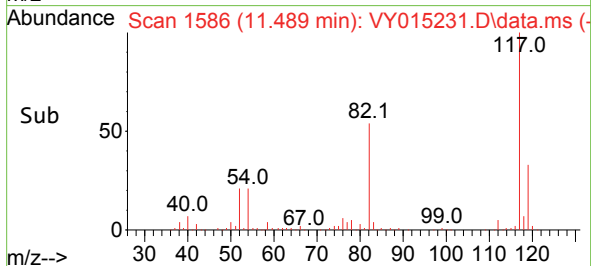
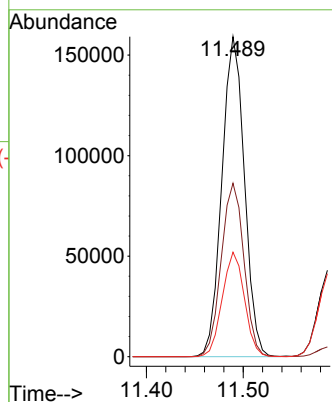
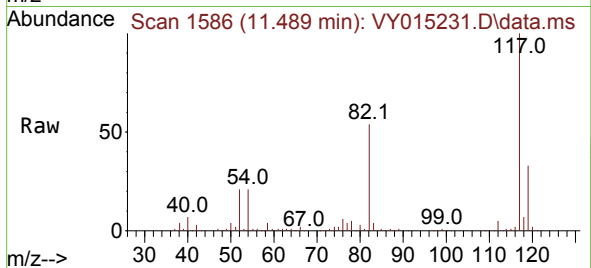




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

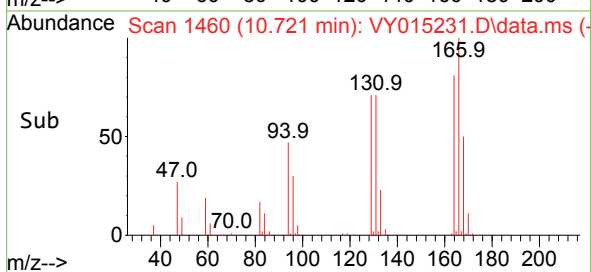
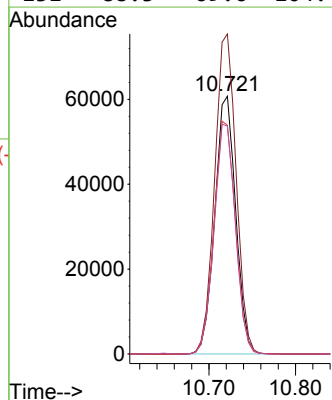
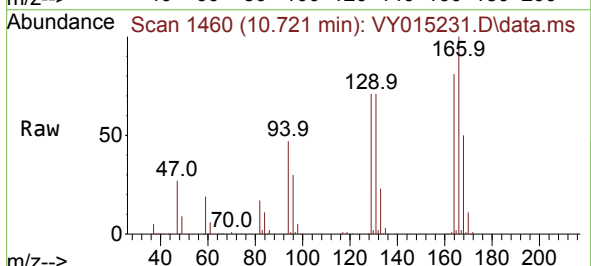
Instrument :
MSVOA_Y
ClientSampleId :

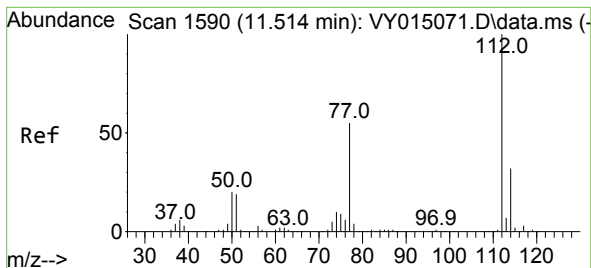
Tgt Ion:117 Resp: 257671
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 56.781 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion:164 Resp: 101933
Ion Ratio Lower Upper
164 100
166 124.1 103.0 154.6
129 88.7 77.2 115.8
131 88.3 69.6 104.4





#65

Chlorobenzene

Concen: 52.337 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

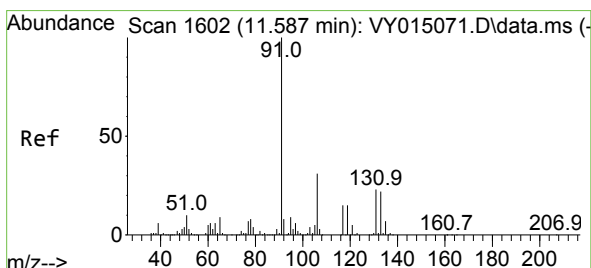
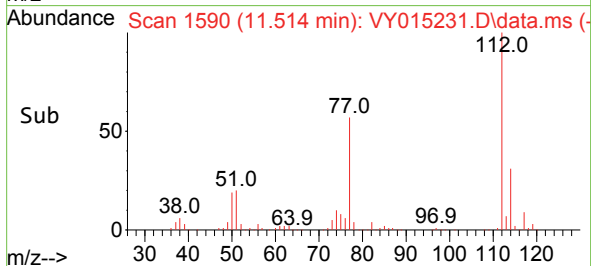
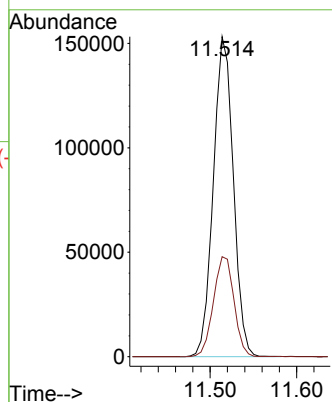
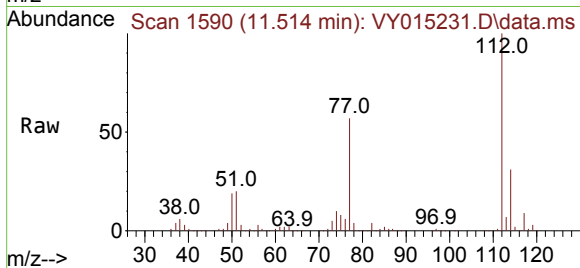
ClientSampleId :

Tgt Ion:112 Resp: 245714

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.595 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

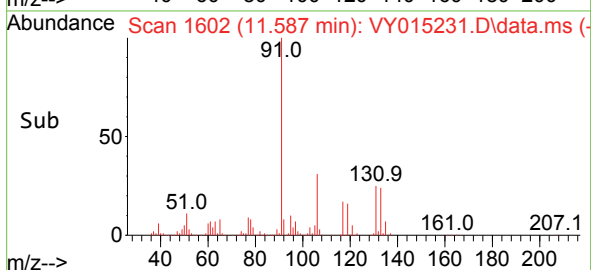
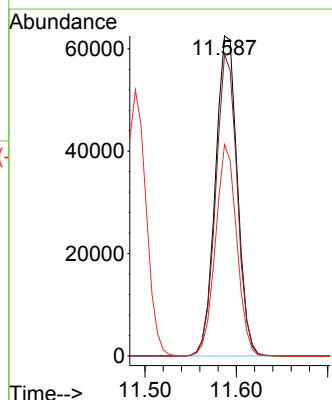
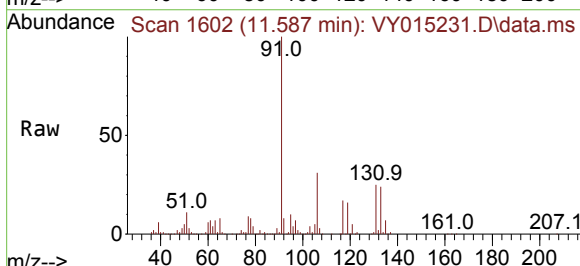
Tgt Ion:131 Resp: 104000

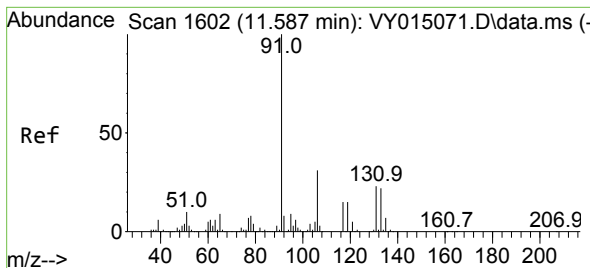
Ion Ratio Lower Upper

131 100

133 92.7 47.5 142.6

119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 51.158 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

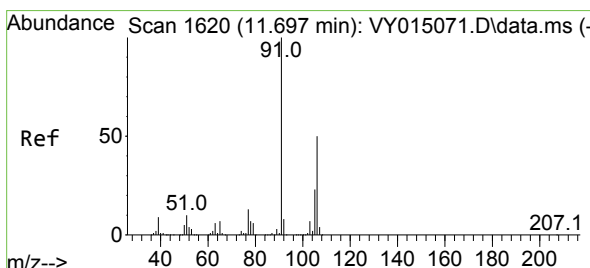
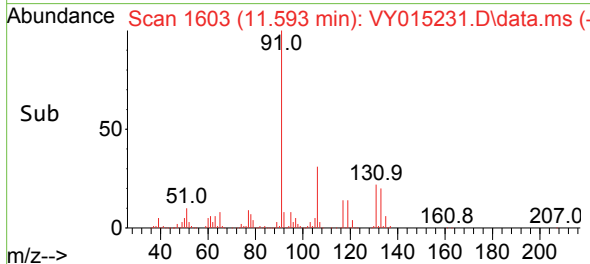
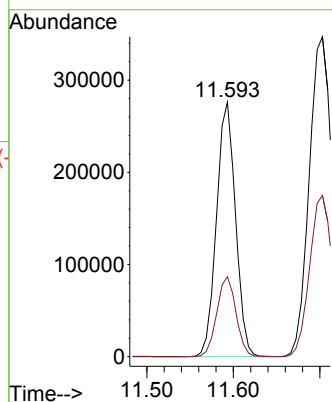
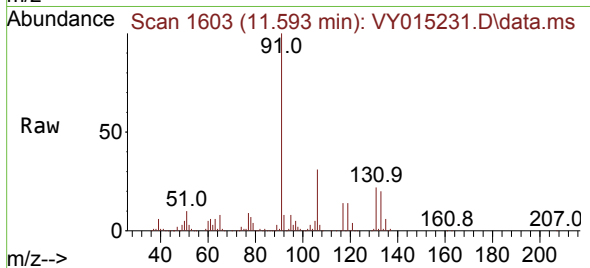
ClientSampleId :

Tgt Ion: 91 Resp: 420808

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 102.634 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015231.D

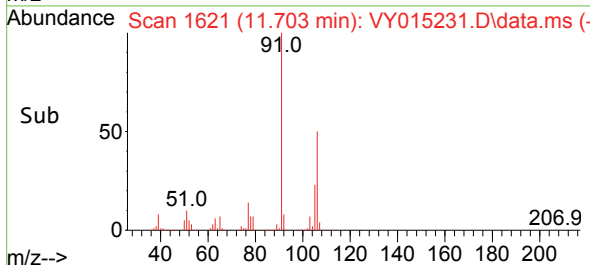
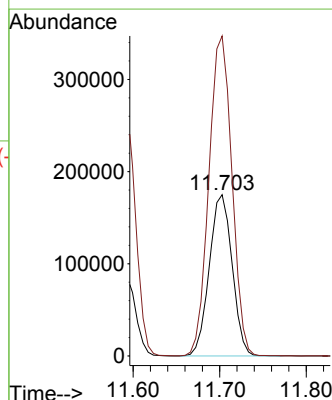
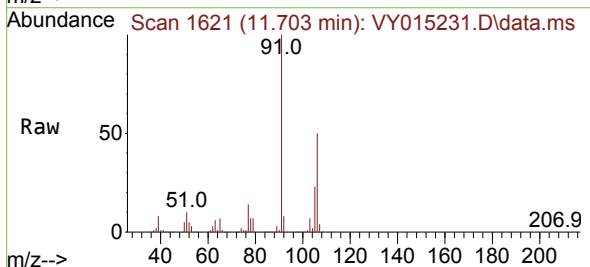
Acq: 21 Aug 2023 20:30

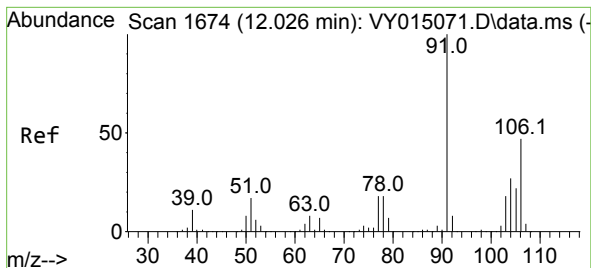
Tgt Ion:106 Resp: 320645

Ion Ratio Lower Upper

106 100

91 200.2 166.1 249.1





#69

o-Xylene

Concen: 51.736 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

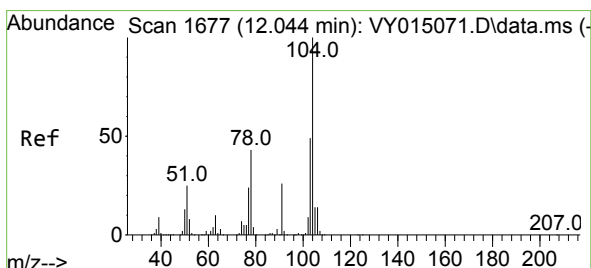
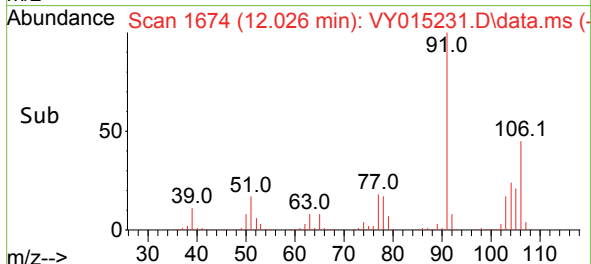
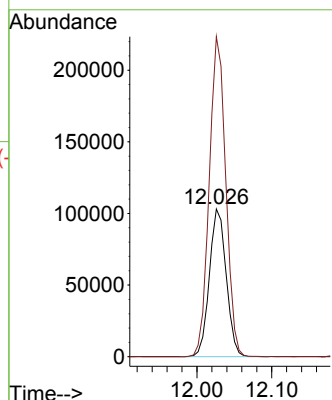
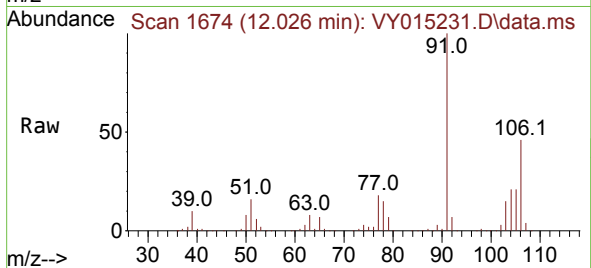
ClientSampleId :

Tgt Ion:106 Resp: 161014

Ion Ratio Lower Upper

106 100

91 213.0 108.1 324.3



#70

Styrene

Concen: 52.950 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

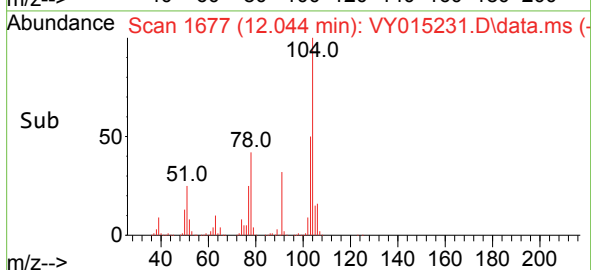
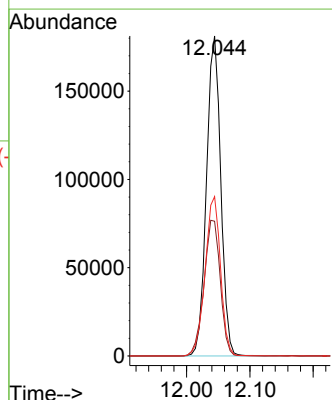
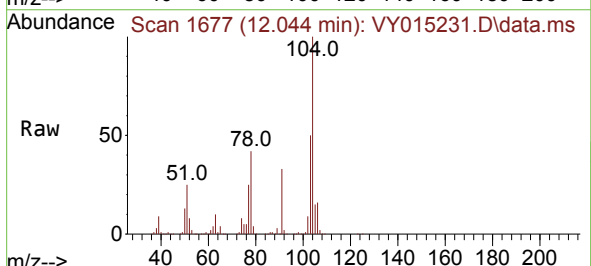
Tgt Ion:104 Resp: 285215

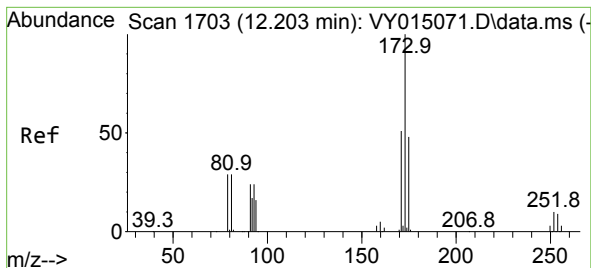
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 53.8 44.6 67.0





#71

Bromoform

Concen: 54.700 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015231.D

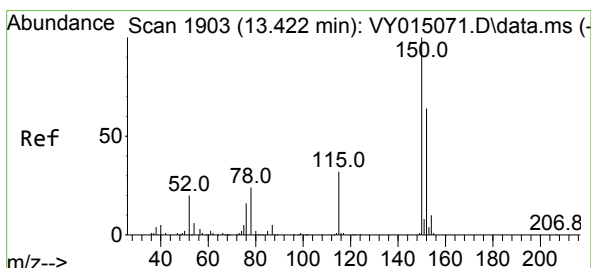
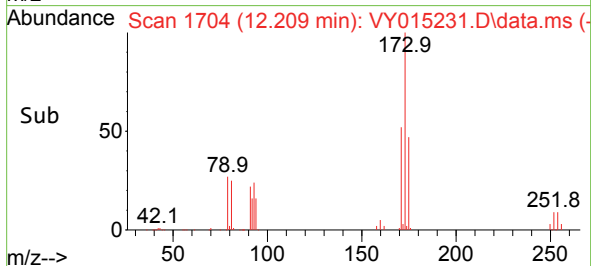
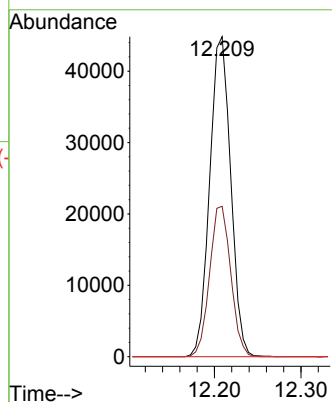
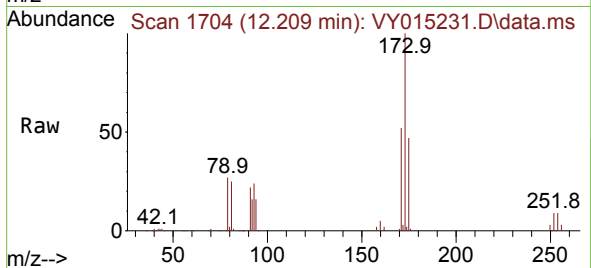
Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	75536
Ion Ratio	Lower	Upper
173	100	
175	47.3	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

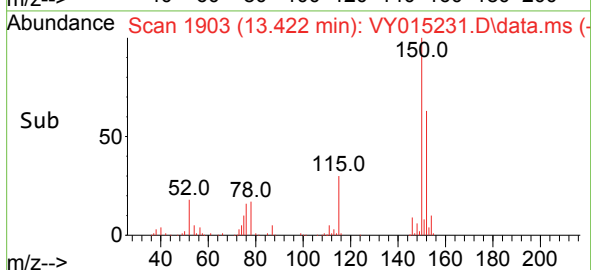
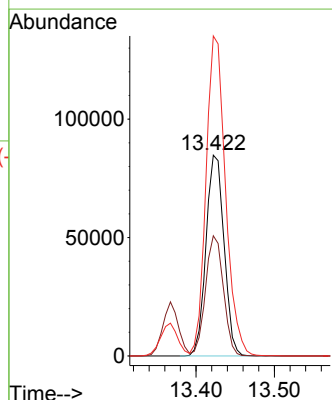
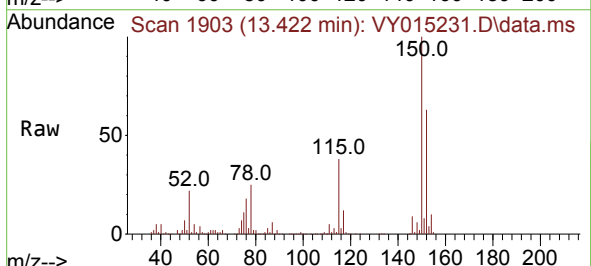
RT: 13.422 min Scan# 1903

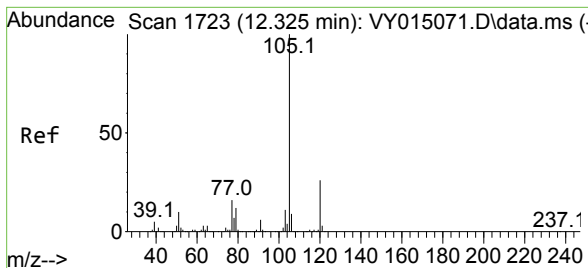
Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Tgt Ion:152	Resp:	135568
Ion Ratio	Lower	Upper
152	100	
115	59.3	28.8 86.5
150	172.3	0.0 348.8





#73

Isopropylbenzene

Concen: 49.293 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

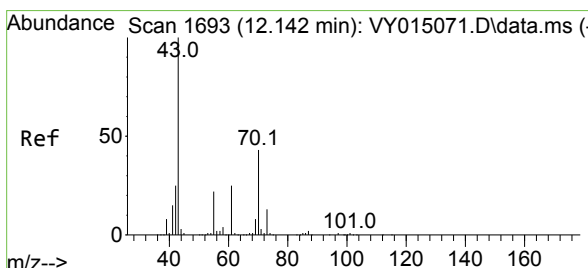
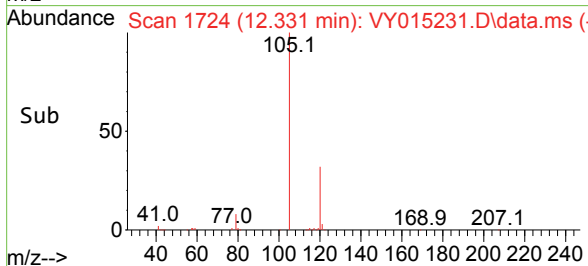
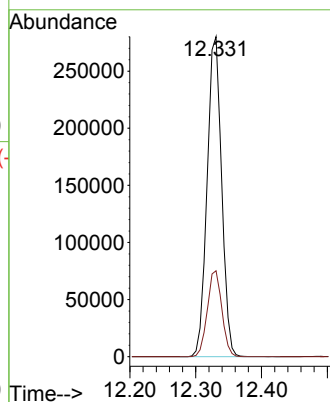
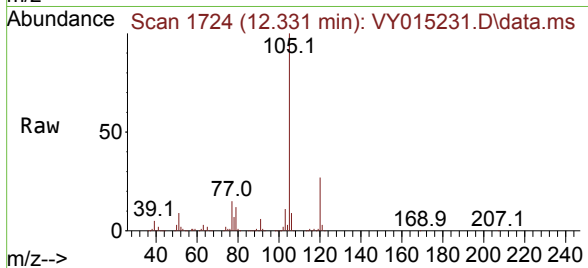
ClientSampleId :

Tgt Ion:105 Resp: 429710

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-amy1 acetate

Concen: 51.991 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Tgt Ion: 43 Resp: 163639

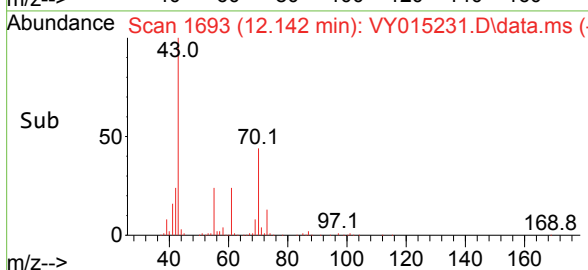
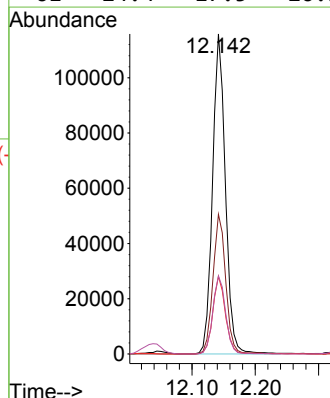
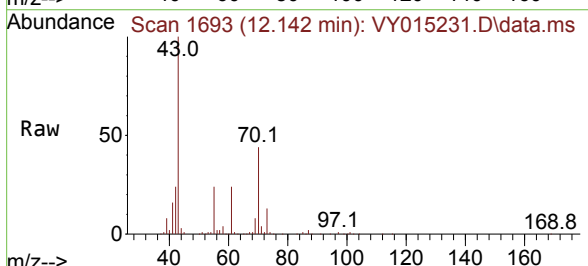
Ion Ratio Lower Upper

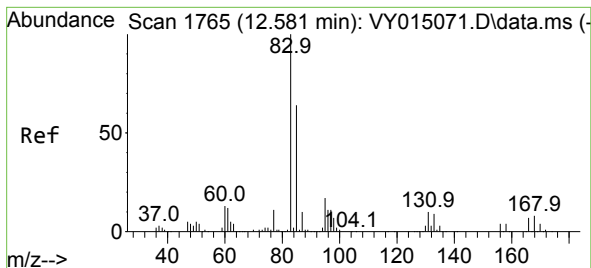
43 100

70 43.2 29.7 44.5

55 24.0 18.3 27.5

61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.888 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

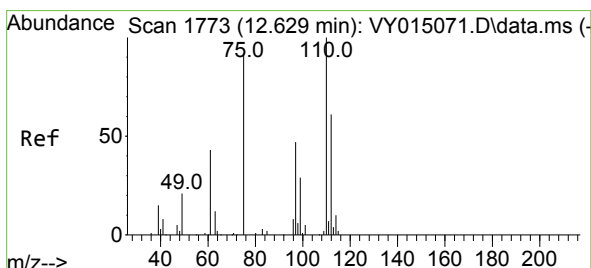
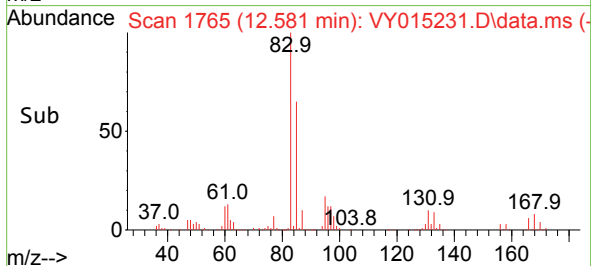
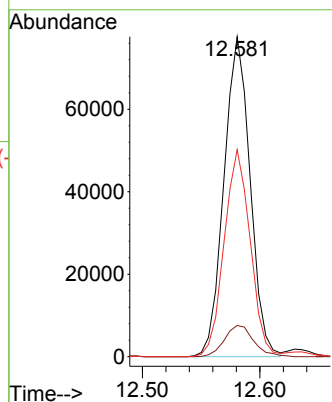
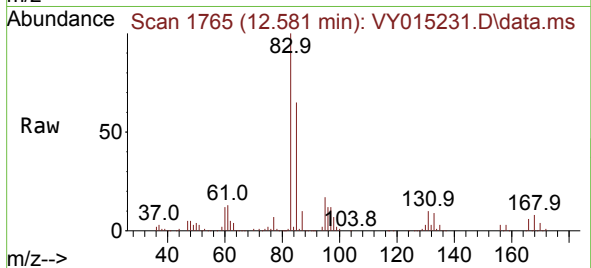
Tgt Ion: 83 Resp: 120078

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.231 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015231.D

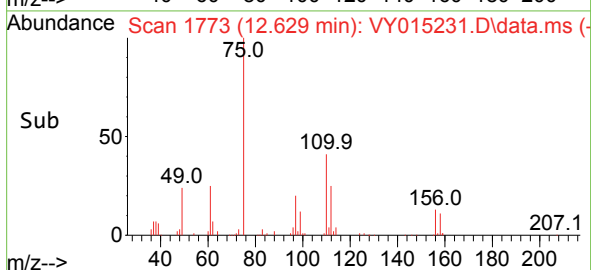
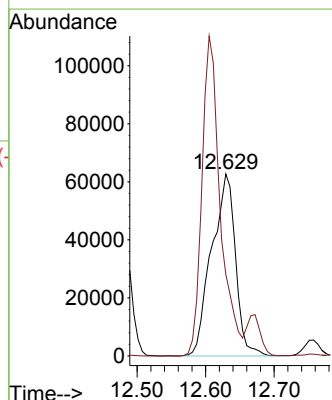
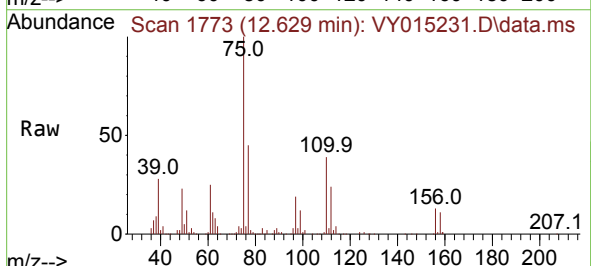
Acq: 21 Aug 2023 20:30

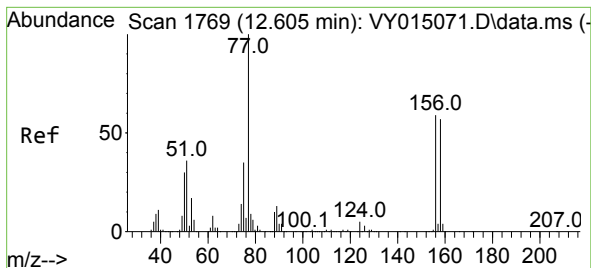
Tgt Ion: 75 Resp: 151909

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.176 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

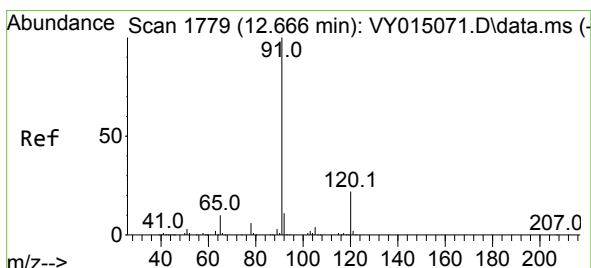
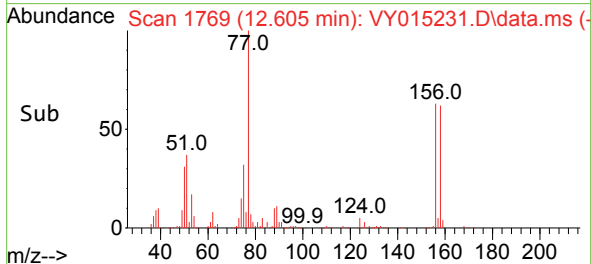
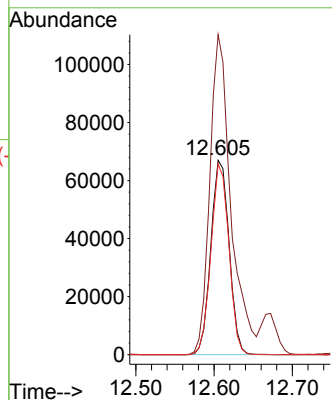
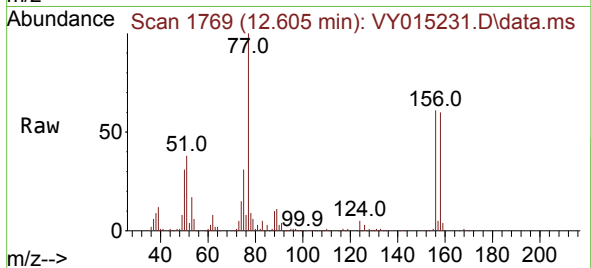
Tgt Ion:156 Resp: 108744

Ion Ratio Lower Upper

156 100

77 189.1 92.8 278.6

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 49.098 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015231.D

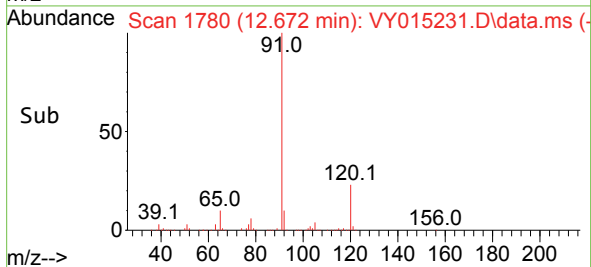
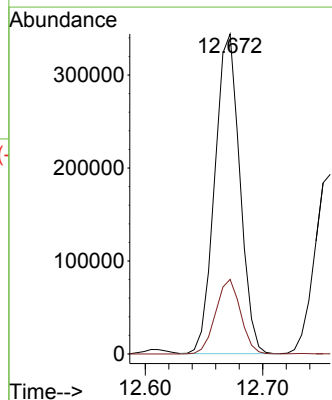
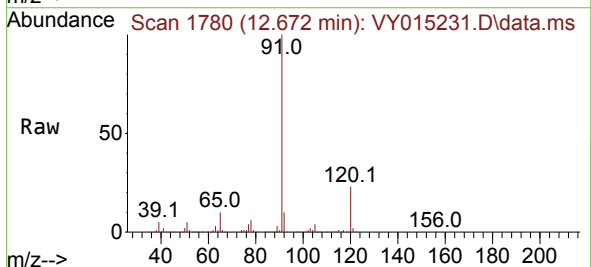
Acq: 21 Aug 2023 20:30

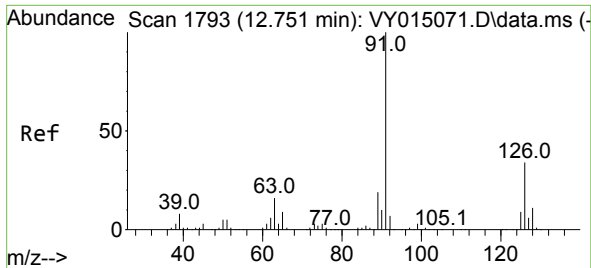
Tgt Ion: 91 Resp: 508258

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

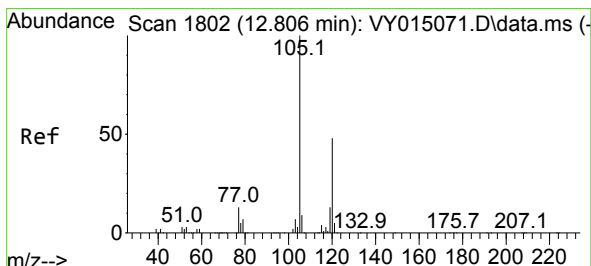
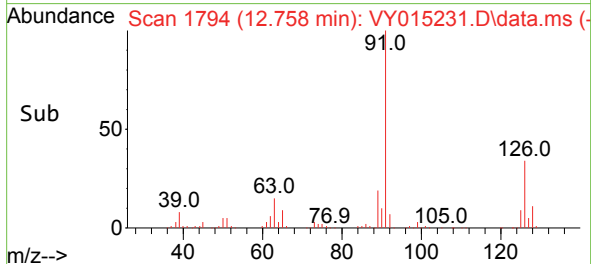
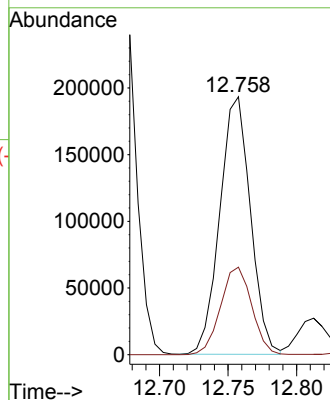
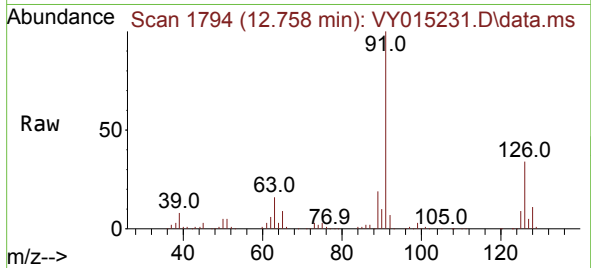




#79
2-Chlorotoluene
Concen: 50.406 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

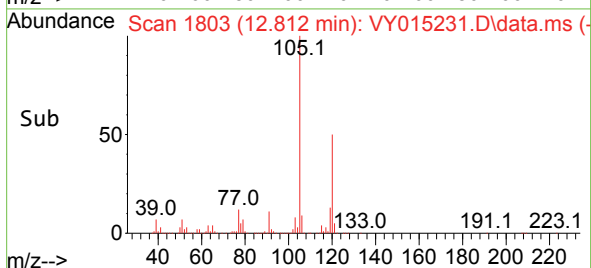
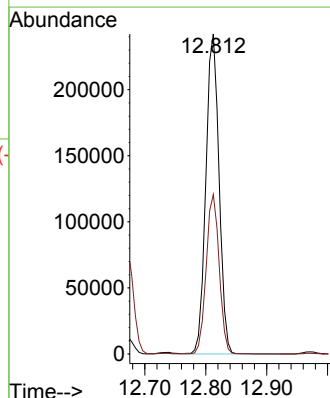
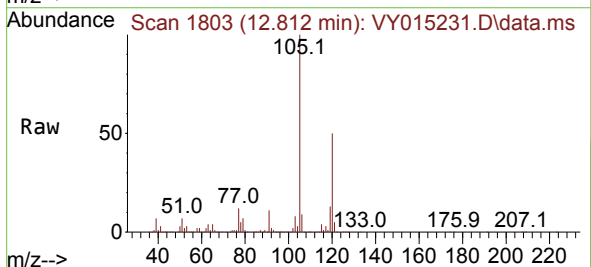
Instrument :
MSVOA_Y
ClientSampleId :

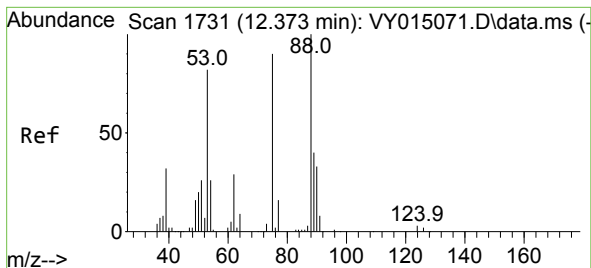
Tgt Ion: 91 Resp: 301015
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.237 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 105 Resp: 365054
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

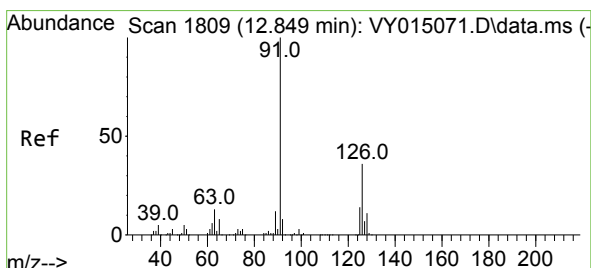
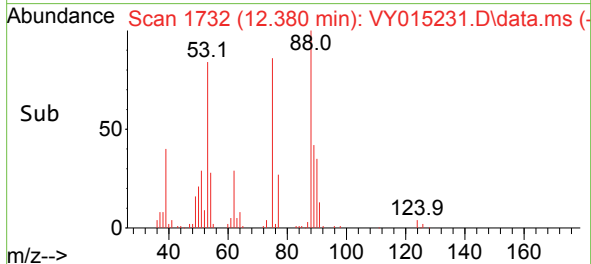
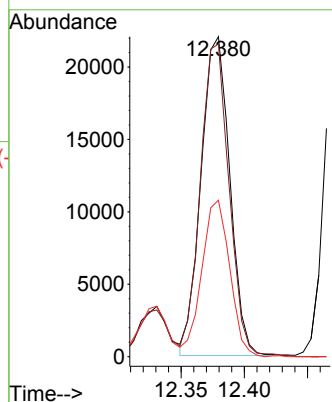
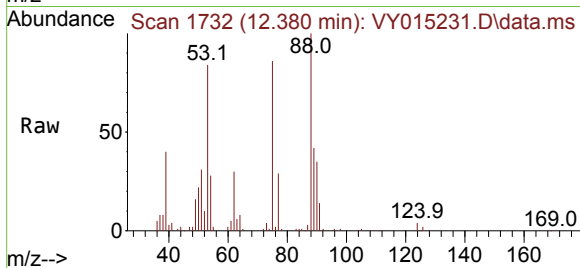




#81
trans-1,4-Dichloro-2-butene
Concen: 46.482 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

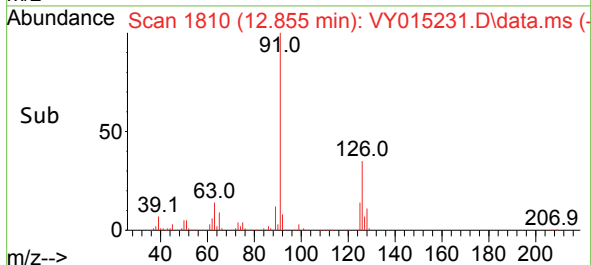
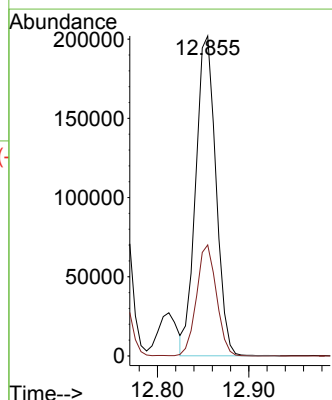
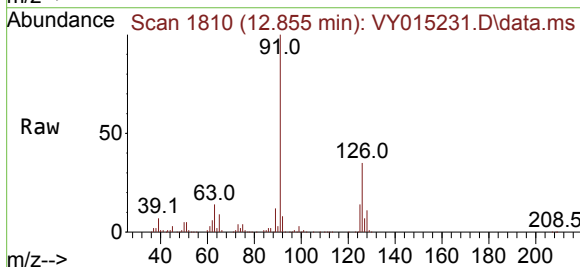
Instrument :
MSVOA_Y
ClientSampleId :

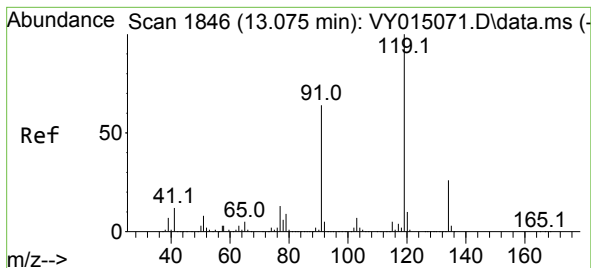
Tgt Ion: 75 Resp: 34855
Ion Ratio Lower Upper
75 100
53 98.0 77.8 116.8
89 47.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.259 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 91 Resp: 310075
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.529 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

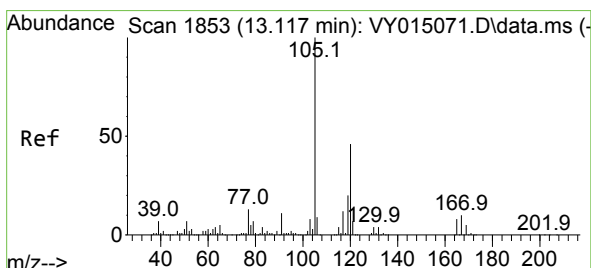
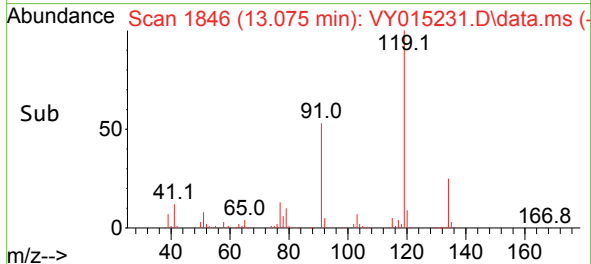
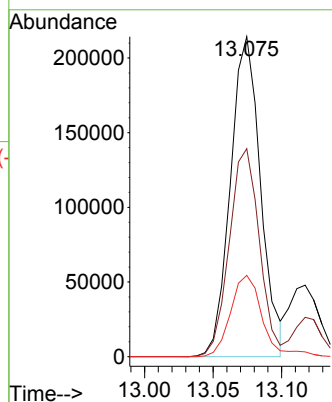
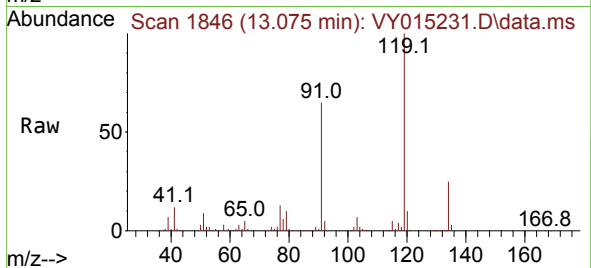
Tgt Ion:119 Resp: 329198

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.074 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015231.D

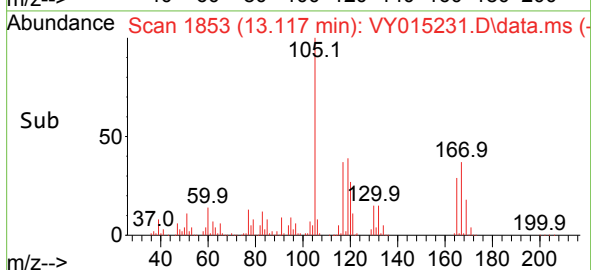
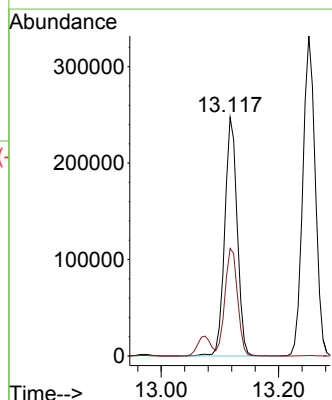
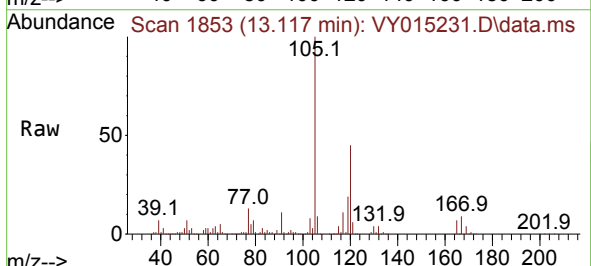
Acq: 21 Aug 2023 20:30

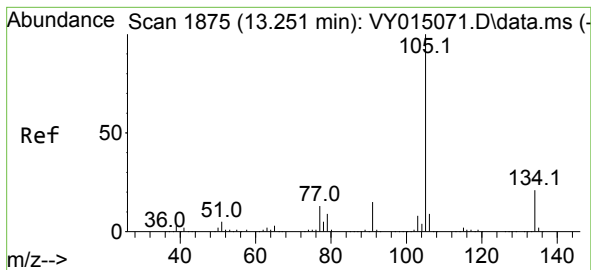
Tgt Ion:105 Resp: 363598

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.933 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

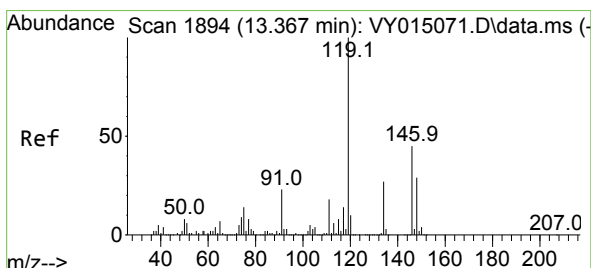
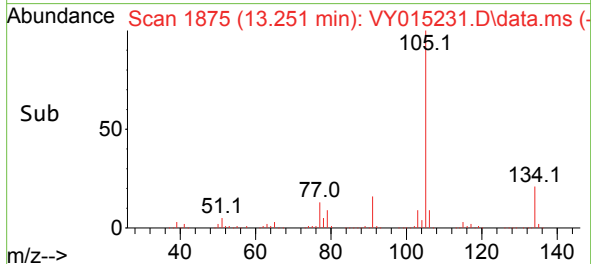
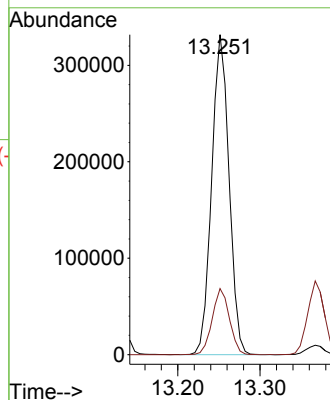
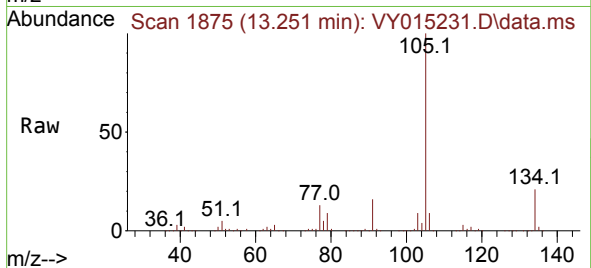
ClientSampleId :

Tgt Ion:105 Resp: 486275

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.107 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

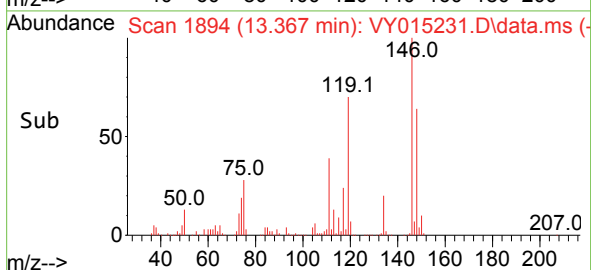
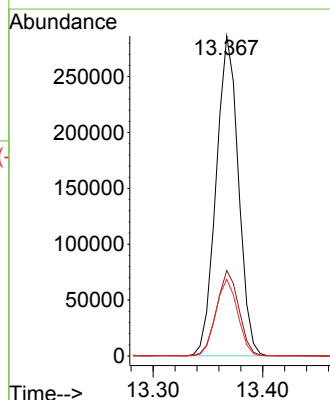
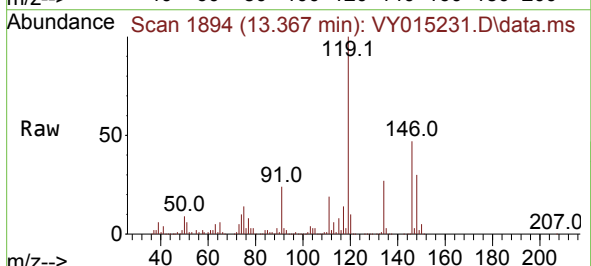
Tgt Ion:119 Resp: 404577

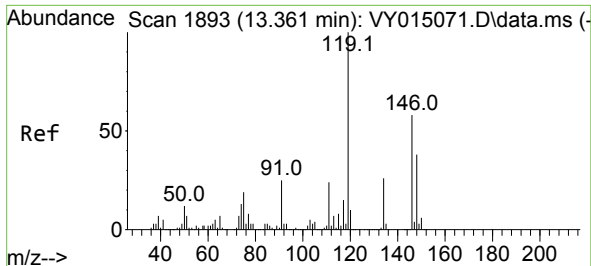
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.8 12.4 37.4

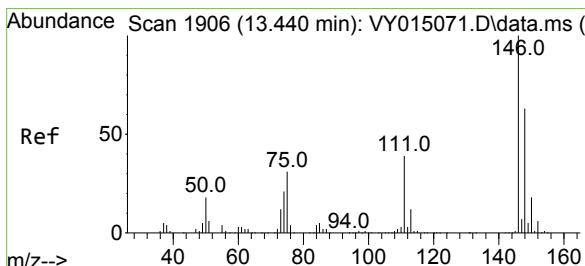
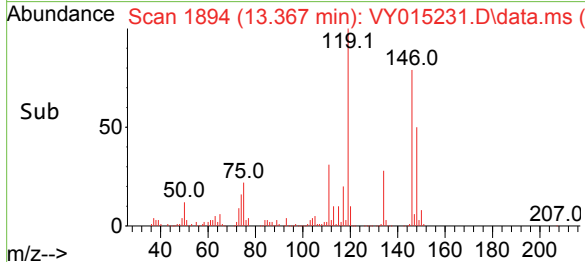
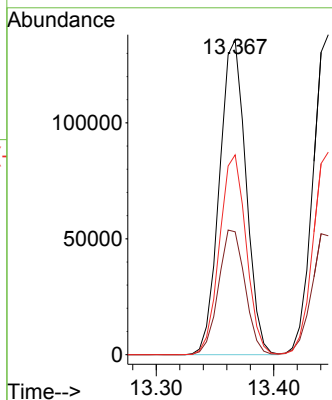
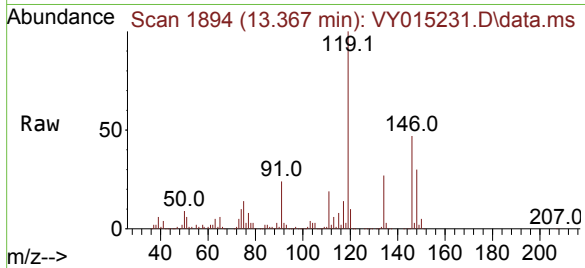




#87
1,3-Dichlorobenzene
Concen: 50.578 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

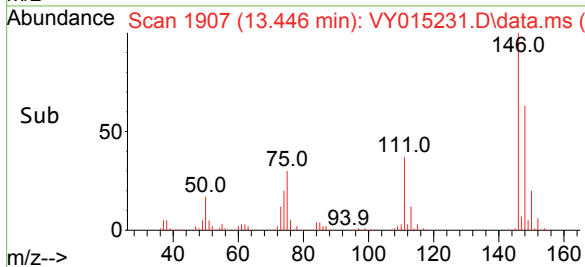
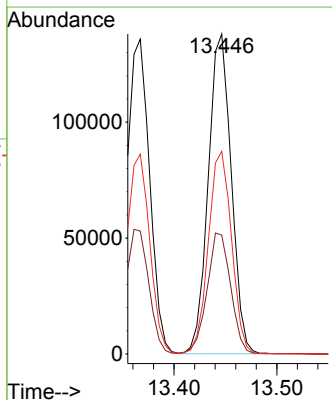
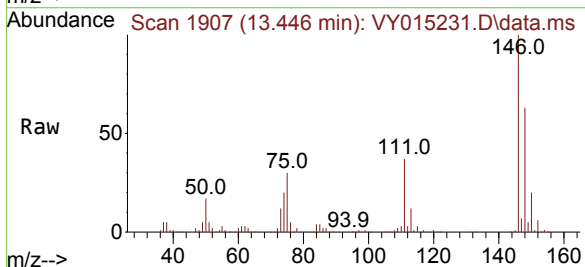
Instrument :
MSVOA_Y
ClientSampleId :

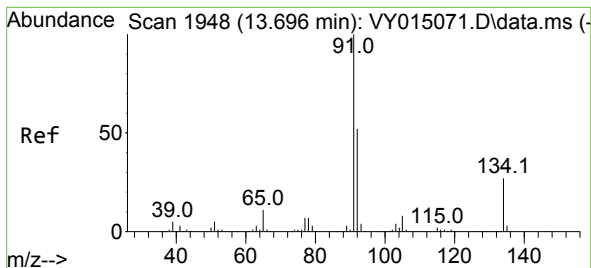
Tgt Ion:146 Resp: 213167
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.676 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion:146 Resp: 214222
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 64.1 32.1 96.5

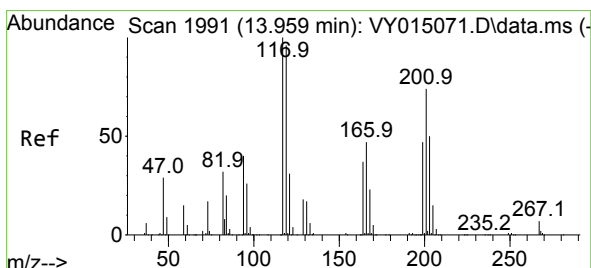
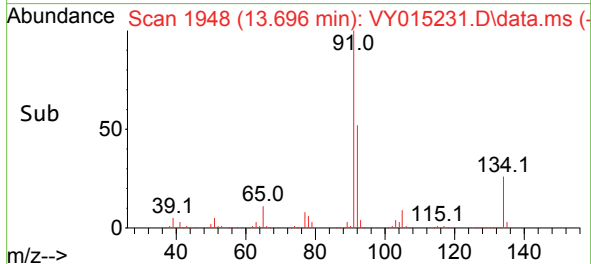
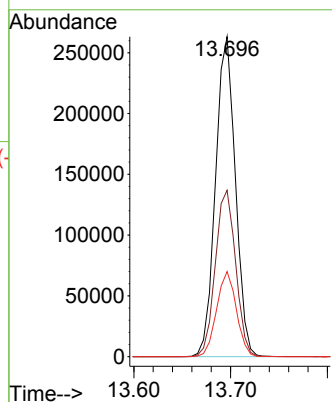
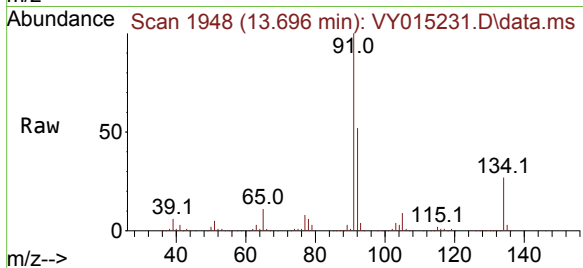




#89
n-Butylbenzene
Concen: 49.284 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

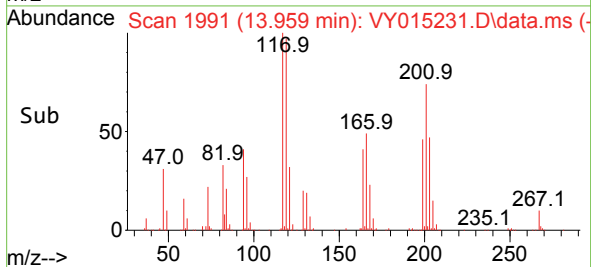
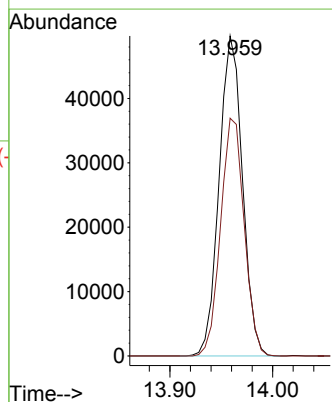
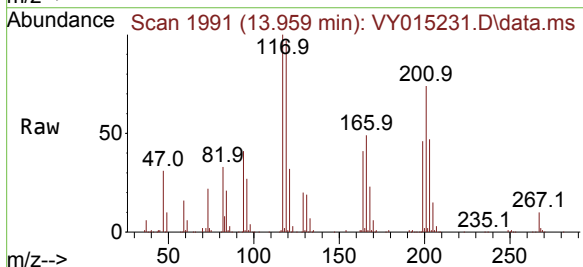
Instrument :
MSVOA_Y
ClientSampleId :

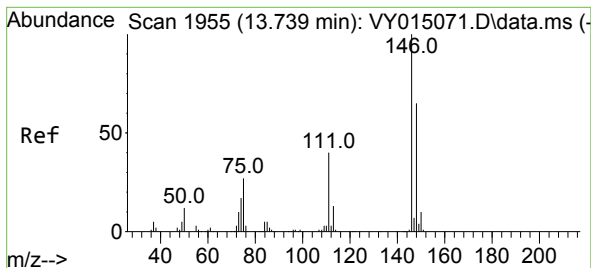
Tgt Ion: 91 Resp: 375192
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.5 12.6 37.6



#90
Hexachloroethane
Concen: 48.871 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015231.D
Acq: 21 Aug 2023 20:30

Tgt Ion: 117 Resp: 78281
Ion Ratio Lower Upper
117 100
201 75.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.828 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

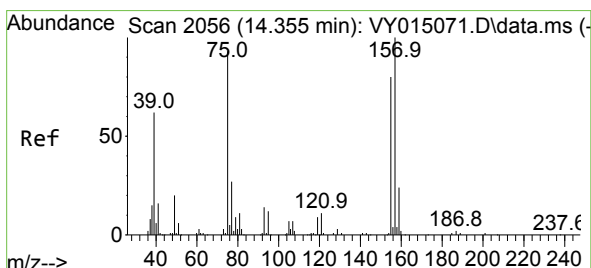
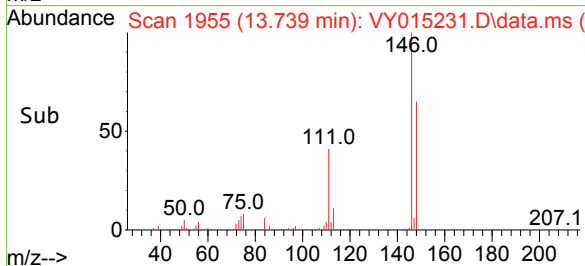
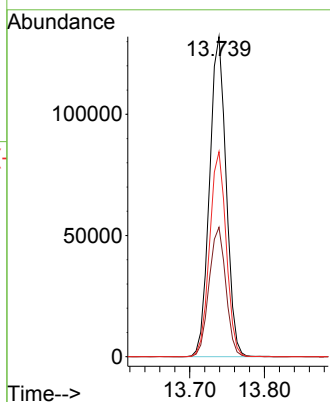
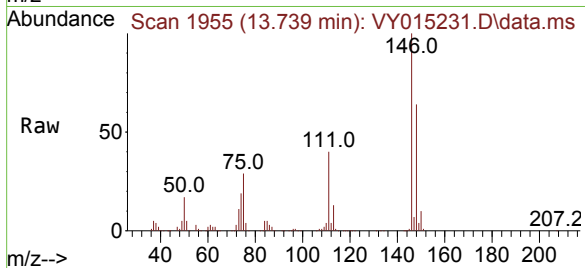
Tgt Ion:146 Resp: 204058

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.519 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

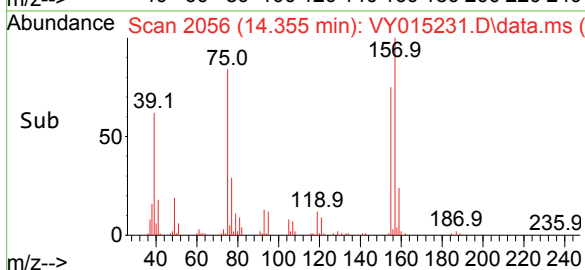
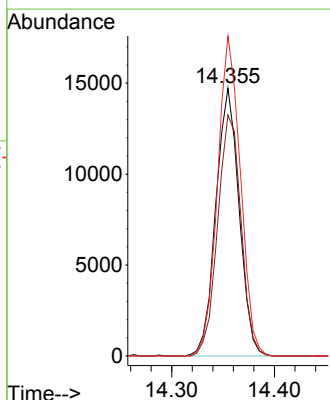
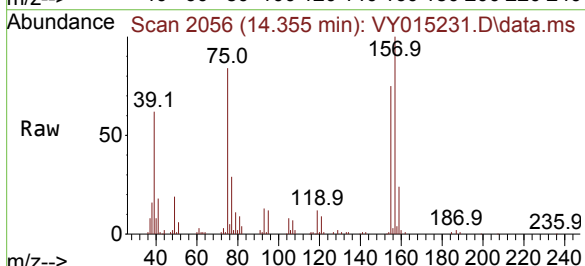
Tgt Ion: 75 Resp: 23099

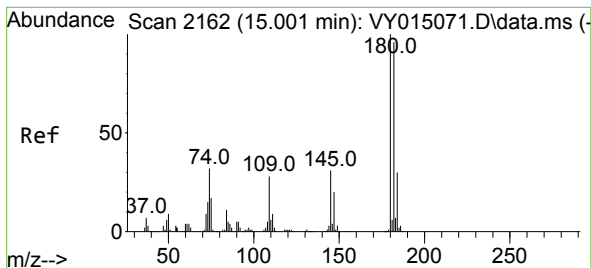
Ion Ratio Lower Upper

75 100

155 90.2 41.5 124.6

157 117.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.884 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

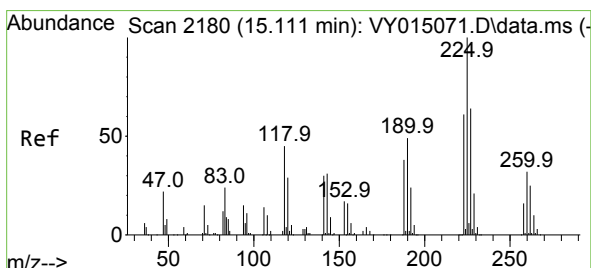
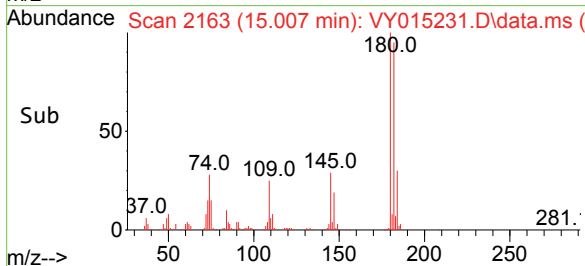
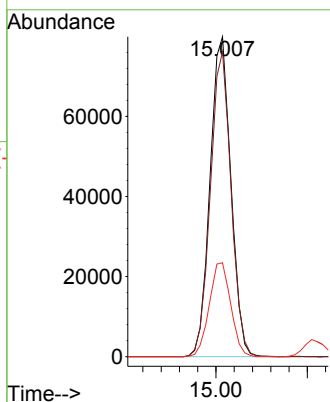
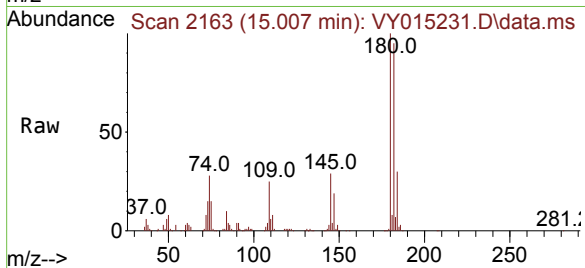
Tgt Ion:180 Resp: 126092

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.453 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

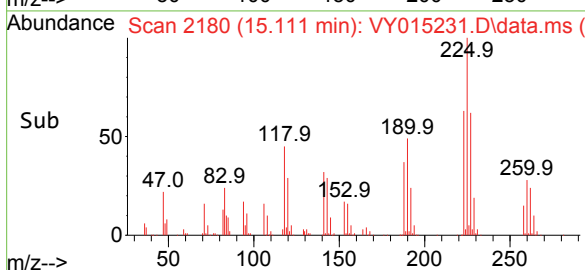
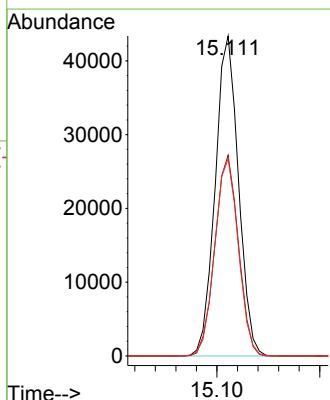
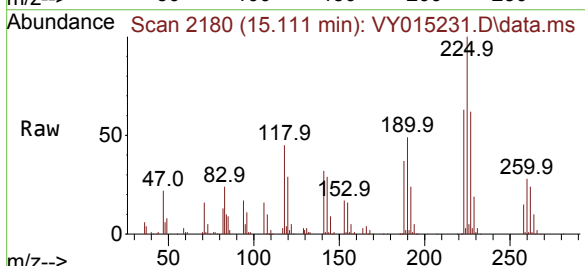
Tgt Ion:225 Resp: 67995

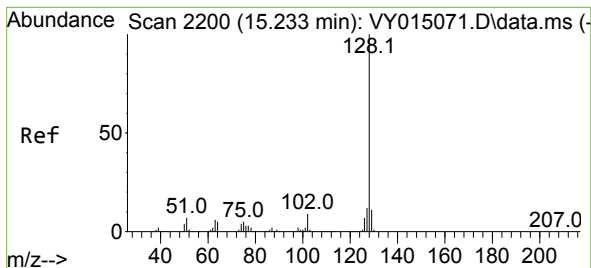
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 51.165 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

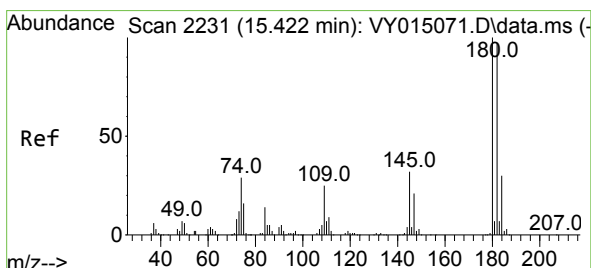
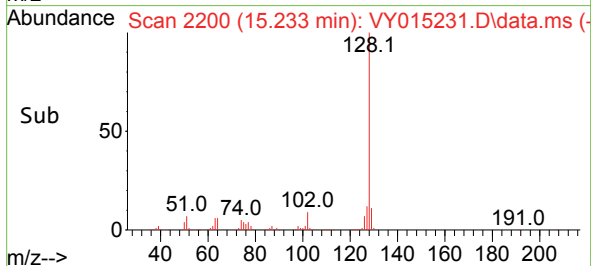
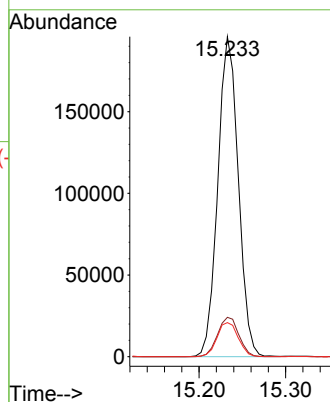
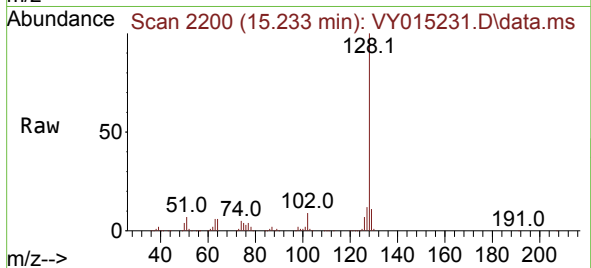
Tgt Ion:128 Resp: 322172

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.520 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015231.D

Acq: 21 Aug 2023 20:30

Tgt Ion:180 Resp: 115327

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 32.1 15.4 46.2

