

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015307.D
 Acq On : 24 Aug 2023 12:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:16:51 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	155764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124161	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109518	58.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.140%	
35) Dibromofluoromethane	7.716	113	95827	57.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.040%	
50) Toluene-d8	10.179	98	342775	55.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.540%	
62) 4-Bromofluorobenzene	12.483	95	127230	56.167	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31570	47.030	ug/l	97
3) Chloromethane	2.107	50	47681	51.361	ug/l	97
4) Vinyl Chloride	2.247	62	58766	47.412	ug/l	100
5) Bromomethane	2.644	94	42829	49.242	ug/l	100
6) Chloroethane	2.784	64	48656	54.069	ug/l	98
7) Trichlorofluoromethane	3.113	101	107539	51.491	ug/l	98
8) Diethyl Ether	3.528	74	46442	56.700	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	66656	51.353	ug/l	96
10) Methyl Iodide	4.082	142	64801	50.842	ug/l	98
11) Tert butyl alcohol	4.979	59	87632	287.069	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	54629	50.402	ug/l	91
13) Acrolein	3.729	56	28812	237.099	ug/l	98
14) Allyl chloride	4.473	41	101336	52.733	ug/l	98
15) Acrylonitrile	5.161	53	175910	316.909	ug/l	99
16) Acetone	3.954	43	182766	299.207	ug/l	94
17) Carbon Disulfide	4.192	76	83624	43.840	ug/l	100
18) Methyl Acetate	4.479	43	143529	64.120	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	264376	57.366	ug/l	99
20) Methylene Chloride	4.710	84	87537	60.694	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	62890	51.440	ug/l	97
22) Diisopropyl ether	6.119	45	273855	57.112	ug/l	92
23) Vinyl Acetate	6.058	43	827812	289.326	ug/l	95
24) 1,1-Dichloroethane	6.009	63	142078	54.730	ug/l	97
25) 2-Butanone	6.984	43	270193	312.406	ug/l	98
26) 2,2-Dichloropropane	6.978	77	124933	49.922	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	89801	53.771	ug/l	96
28) Bromochloromethane	7.332	49	62857	52.702	ug/l	96
29) Tetrahydrofuran	7.350	42	160793	310.923	ug/l	94
30) Chloroform	7.502	83	161688	55.560	ug/l	99
31) Cyclohexane	7.783	56	86618	51.963	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	132289	53.420	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95548	51.840	ug/l	99
37) Ethyl Acetate	7.076	43	104250	60.680	ug/l	97
38) Carbon Tetrachloride	7.899	117	110433	50.626	ug/l	97
39) Methylcyclohexane	9.185	83	102730	49.719	ug/l	94
40) Benzene	8.161	78	299529	53.752	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	43575	49.187	ug/l	87
42) 1,2-Dichloroethane	8.234	62	113525	56.096	ug/l	95
43) Isopropyl Acetate	8.271	43	184109	58.847	ug/l	99
44) Trichloroethene	8.941	130	83883	52.250	ug/l	96
45) 1,2-Dichloropropane	9.216	63	88540	56.347	ug/l	99
46) Dibromomethane	9.307	93	57192	57.708	ug/l	95
47) Bromodichloromethane	9.496	83	134194	56.744	ug/l	98
48) Methyl methacrylate	9.295	41	83708	62.545	ug/l	94
49) 1,4-Dioxane	9.307	88	23920	1207.002	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	582715	321.370	ug/l	95
52) Toluene	10.246	92	195794	53.308	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	134559	54.140	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	143074	54.660	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	87182	57.855	ug/l	96
56) Ethyl methacrylate	10.508	69	127974	58.029	ug/l	91
57) 1,3-Dichloropropane	10.788	76	143503	58.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	273000	265.999	ug/l	95
59) 2-Hexanone	10.831	43	433385	322.945	ug/l	94
60) Dibromochloromethane	10.984	129	103341	57.490	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80889	56.505	ug/l	100
64) Tetrachloroethene	10.721	164	89720	54.792	ug/l	97
65) Chlorobenzene	11.514	112	230917	53.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	96106	55.311	ug/l	99
67) Ethyl Benzene	11.593	91	397660	53.000	ug/l	100
68) m/p-Xylenes	11.703	106	300591	105.483	ug/l	96
69) o-Xylene	12.026	106	153337	54.015	ug/l	97
70) Styrene	12.044	104	269803	54.913	ug/l	97
71) Bromoform	12.209	173	72958	57.922	ug/l #	98
73) Isopropylbenzene	12.331	105	412371	51.650	ug/l	100
74) N-amyl acetate	12.142	43	165402	57.379	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	124170	59.715	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	155915	103.360	ug/l #	100
77) Bromobenzene	12.611	156	102214	52.522	ug/l	94
78) n-propylbenzene	12.672	91	494146	52.120	ug/l	100
79) 2-Chlorotoluene	12.758	91	282789	51.705	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	345703	51.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	38691	56.338	ug/l	99
82) 4-Chlorotoluene	12.855	91	295013	52.210	ug/l	100
83) tert-Butylbenzene	13.075	119	313712	51.535	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	345559	51.962	ug/l	99
85) sec-Butylbenzene	13.251	105	466083	52.256	ug/l	100
86) p-Isopropyltoluene	13.367	119	384849	52.043	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	205479	53.233	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	205754	53.145	ug/l	98
89) n-Butylbenzene	13.696	91	369876	53.049	ug/l	97
90) Hexachloroethane	13.959	117	74918	51.068	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	195140	54.116	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24074	59.765	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	125302	54.126	ug/l	98
94) Hexachlorobutadiene	15.111	225	63770	50.641	ug/l	98
95) Naphthalene	15.233	128	336297	58.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	117856	56.371	ug/l	99

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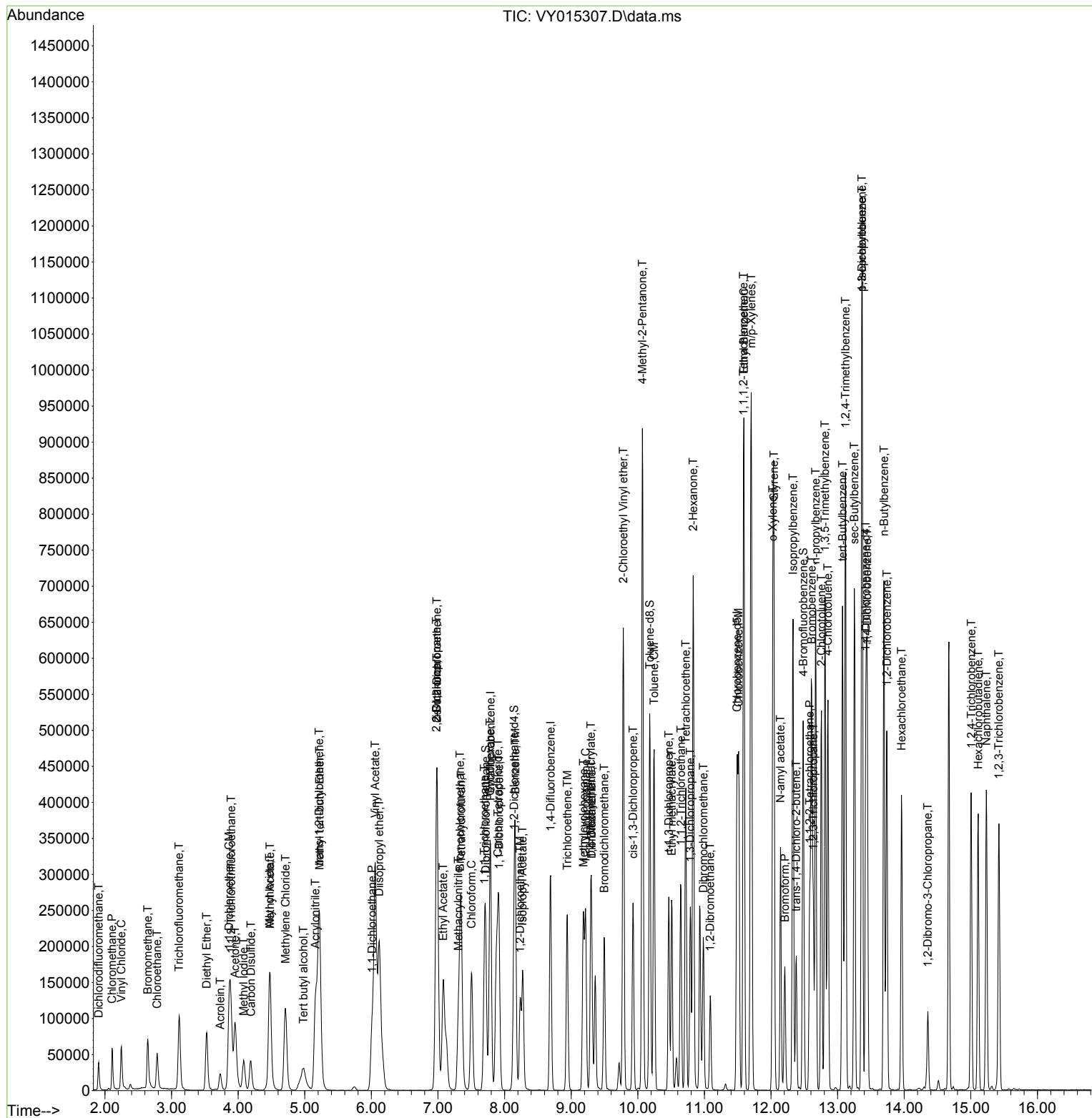
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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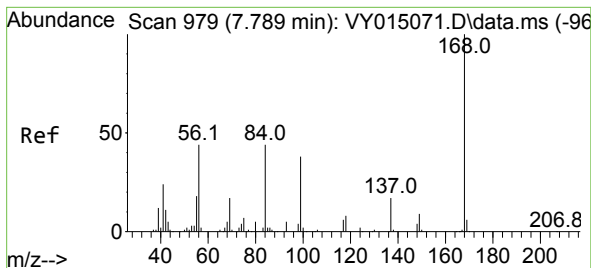
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015307.D

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Instrument :

MSVOA_Y

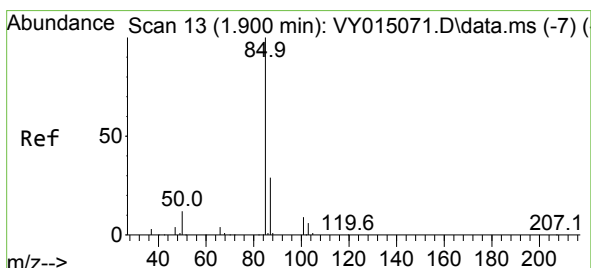
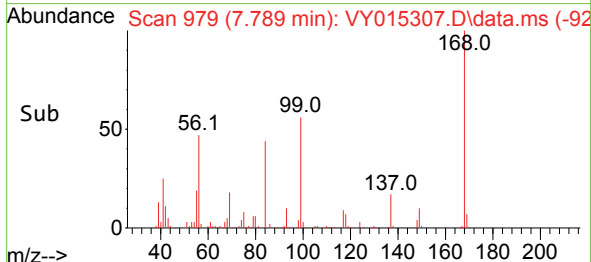
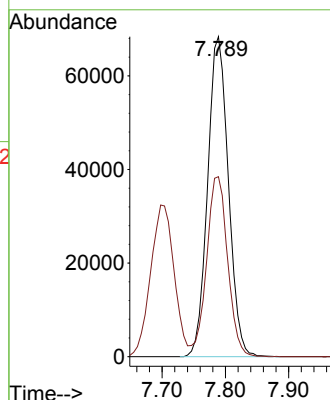
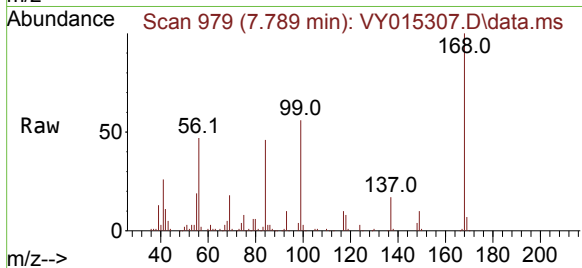
ClientSampleId :

Tgt Ion:168 Resp: 155764

Ion Ratio Lower Upper

168 100

99 56.3 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 47.030 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015307.D

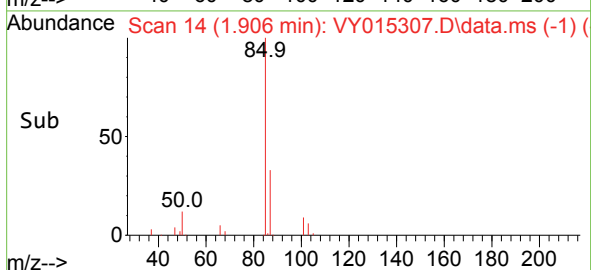
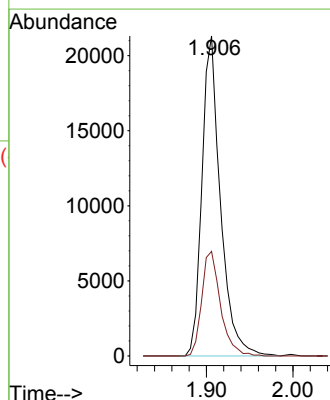
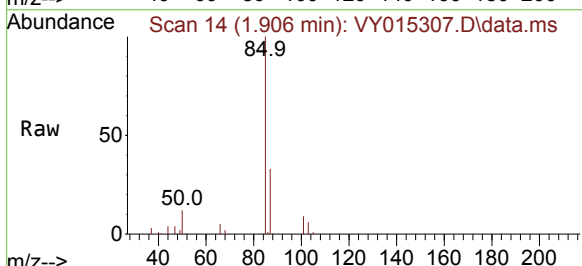
Acq: 24 Aug 2023 12:06

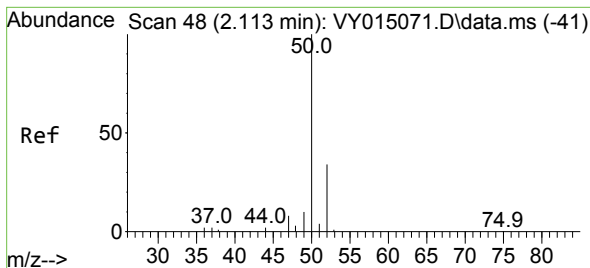
Tgt Ion: 85 Resp: 31570

Ion Ratio Lower Upper

85 100

87 32.7 15.6 46.8





#3

Chloromethane

Concen: 51.361 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

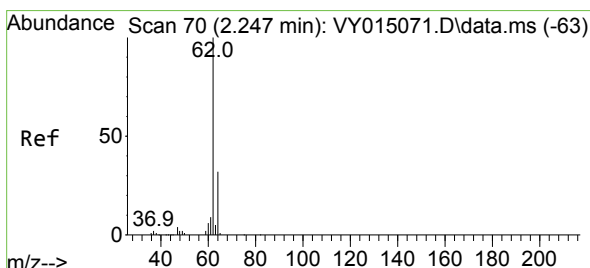
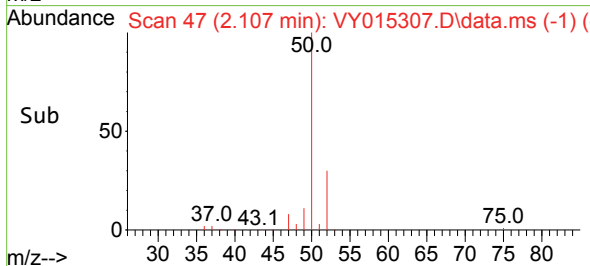
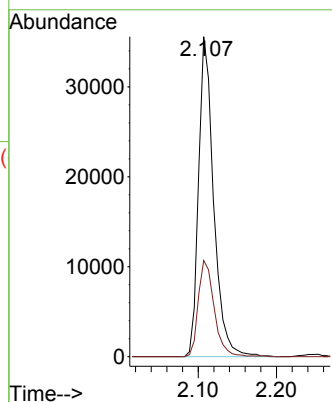
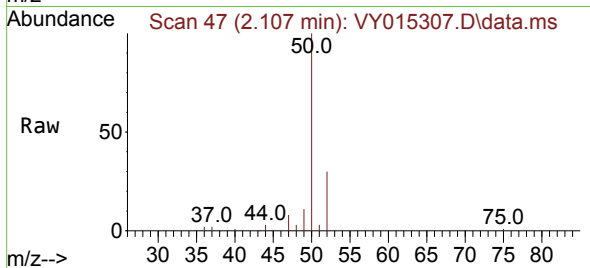
ClientSampleId :

Tgt Ion: 50 Resp: 47681

Ion Ratio Lower Upper

50 100

52 30.1 25.4 38.2



#4

Vinyl Chloride

Concen: 47.412 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015307.D

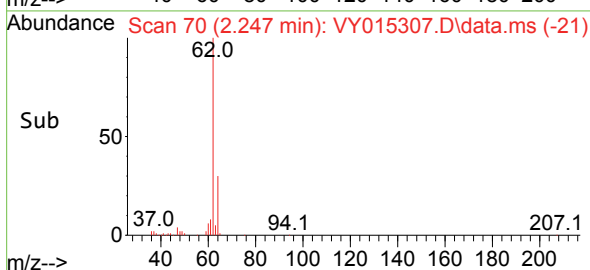
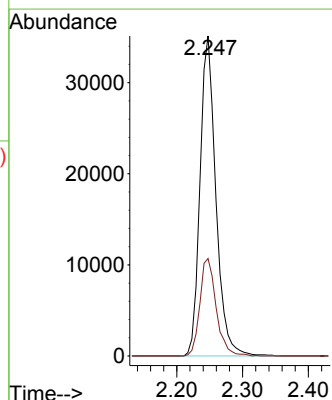
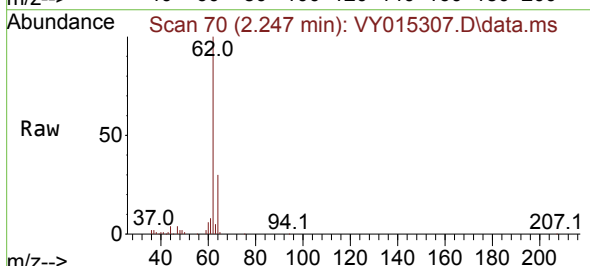
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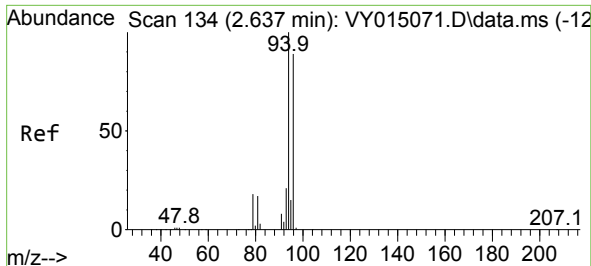
Tgt Ion: 62 Resp: 58766

Ion Ratio Lower Upper

62 100

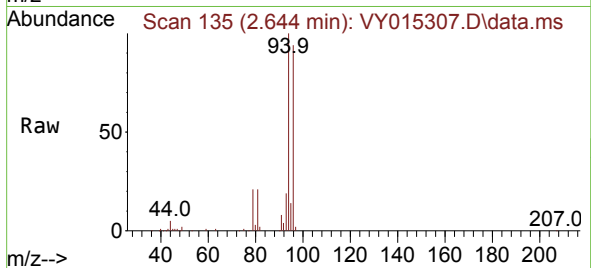
64 30.4 24.3 36.5



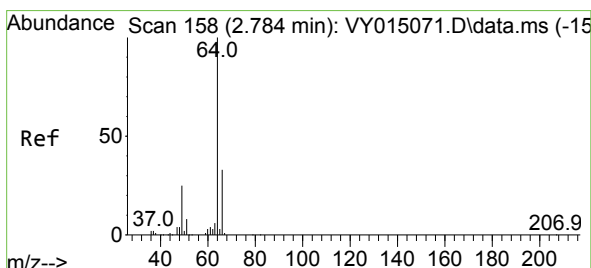
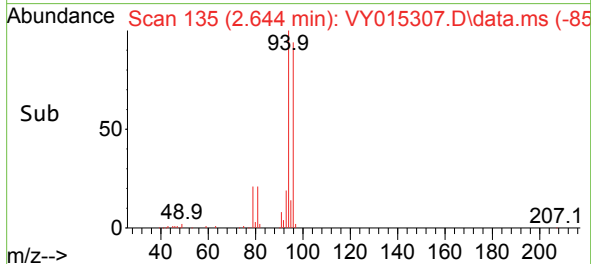
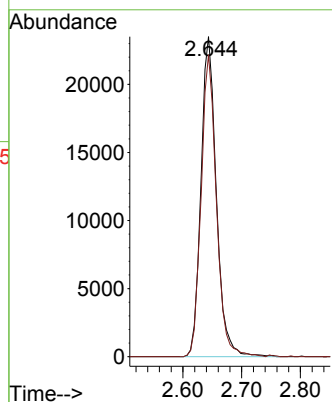


#5
Bromomethane
Concen: 49.242 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
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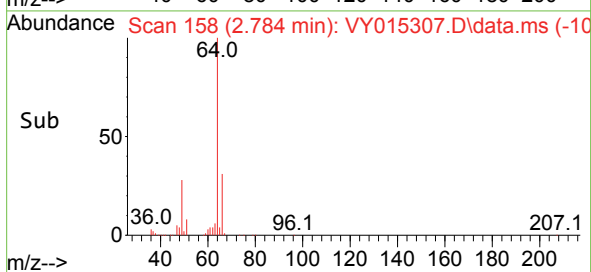
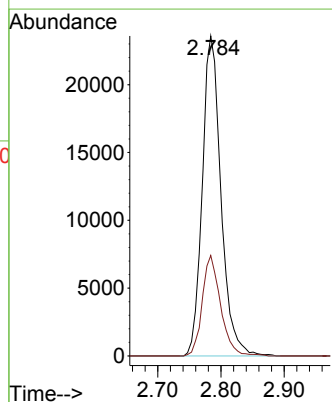
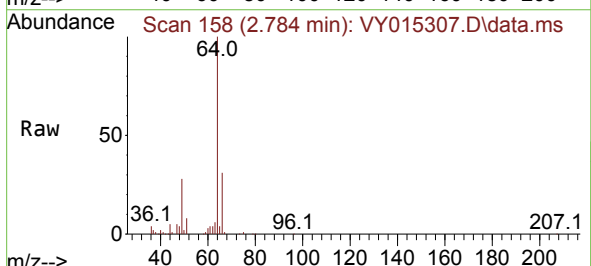


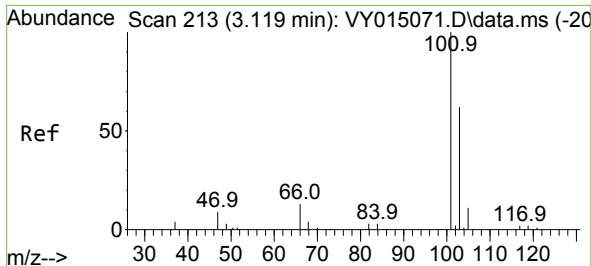
Tgt Ion: 94 Resp: 42829
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6



#6
Chloroethane
Concen: 54.069 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015307.D
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Tgt Ion: 64 Resp: 48656
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

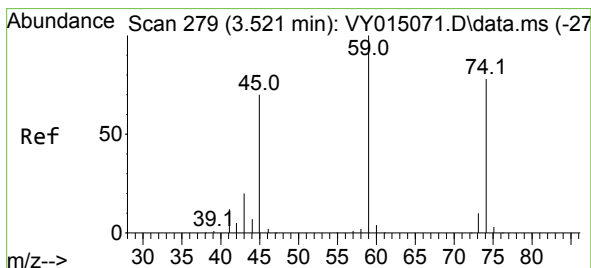
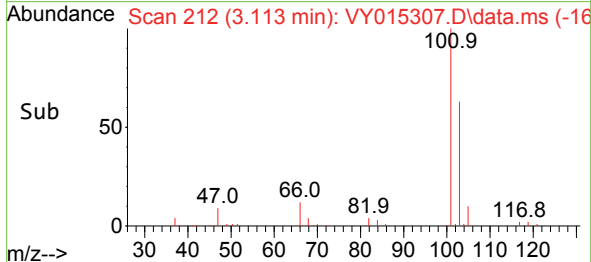
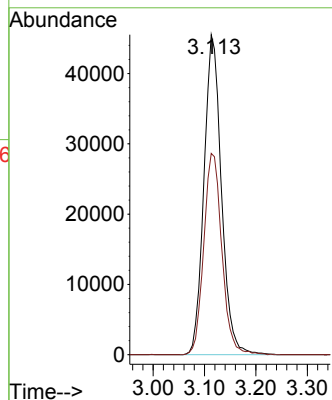
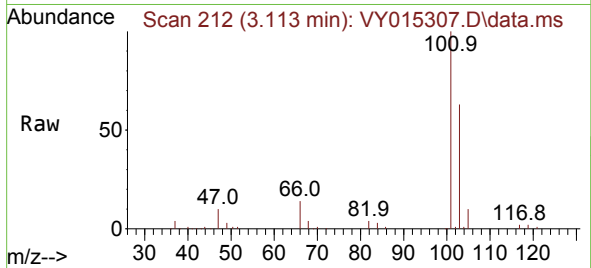




#7
 Trichlorofluoromethane
 Concen: 51.491 ug/l
 RT: 3.113 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY015307.D
 Acq: 24 Aug 2023 12:06

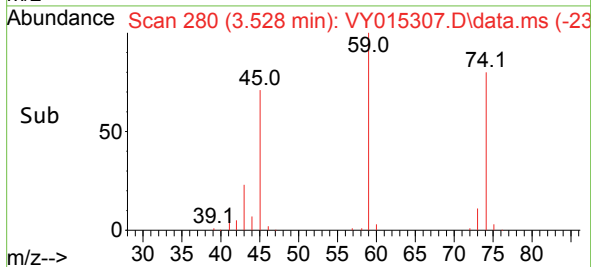
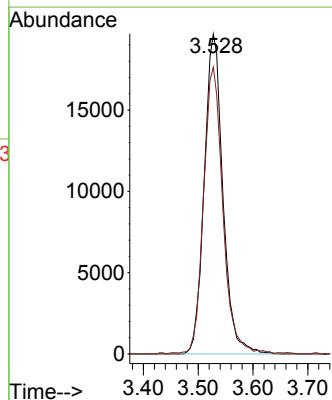
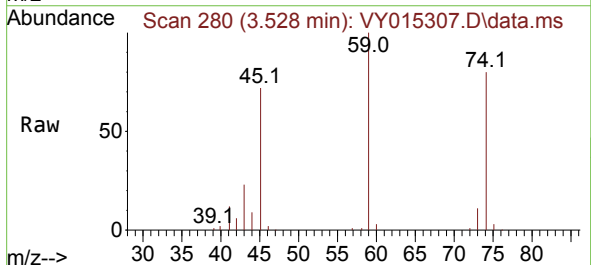
Instrument :
 MSVOA_Y
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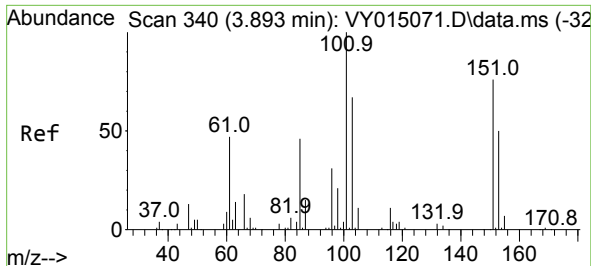
Tgt Ion:101 Resp: 107539
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 56.700 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015307.D
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Tgt Ion: 74 Resp: 46442
 Ion Ratio Lower Upper
 74 100
 45 92.7 51.5 154.5

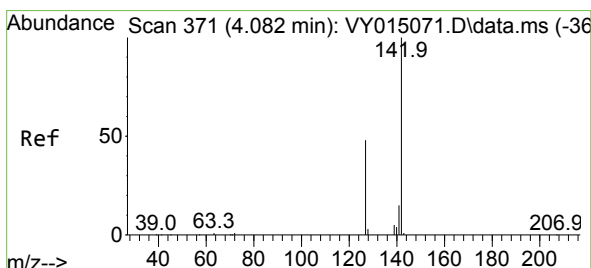
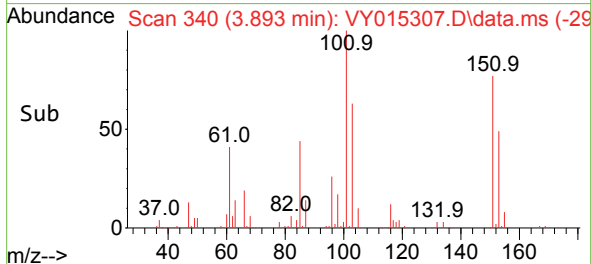
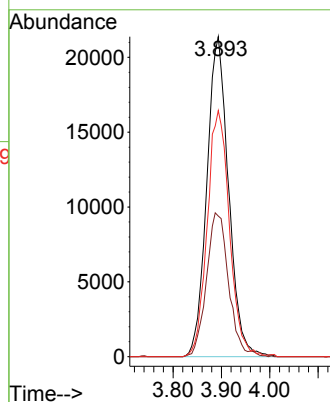
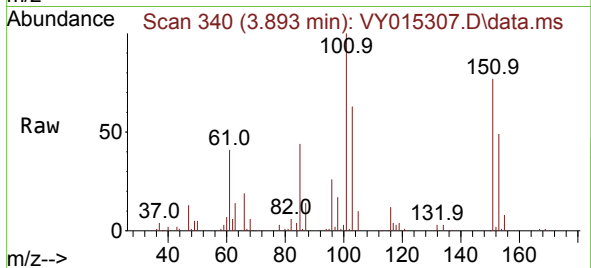




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.353 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

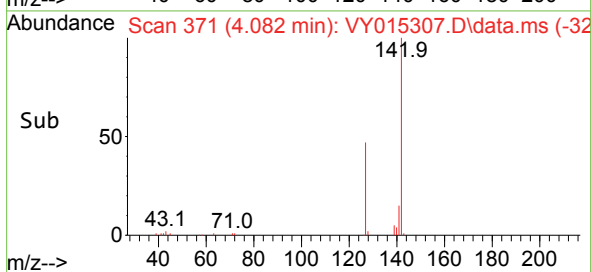
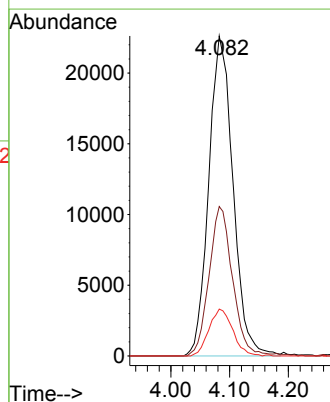
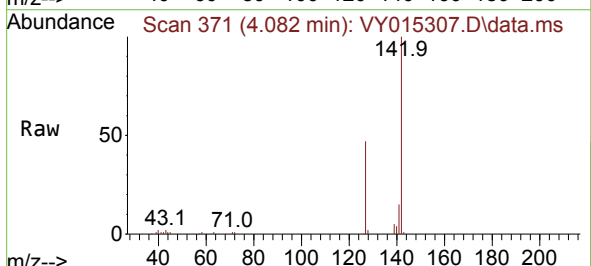
Instrument :
MSVOA_Y
ClientSampleId :

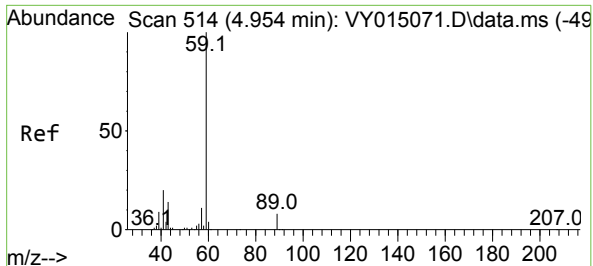
Tgt Ion:101 Resp: 66656
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 78.7 67.0 100.6



#10
Methyl Iodide
Concen: 50.842 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

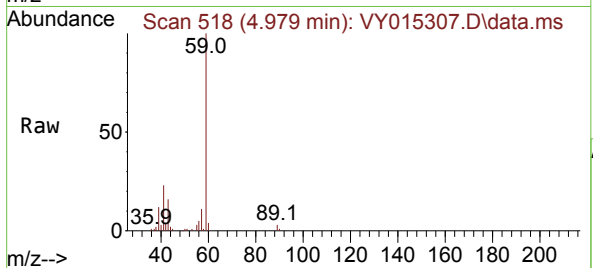
Tgt Ion:142 Resp: 64801
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.4 11.8 17.8



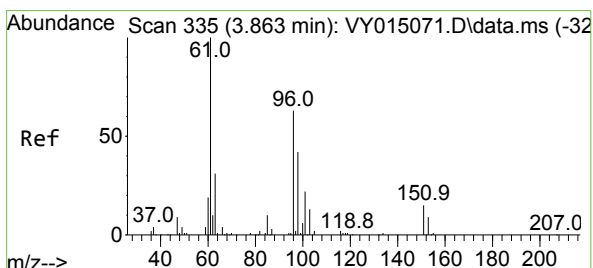
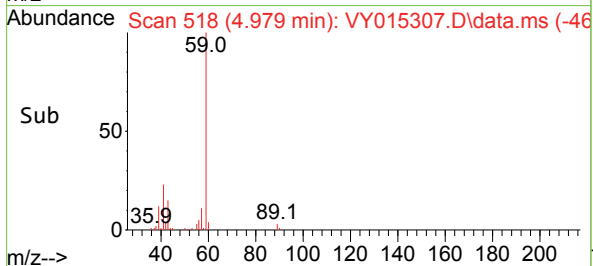
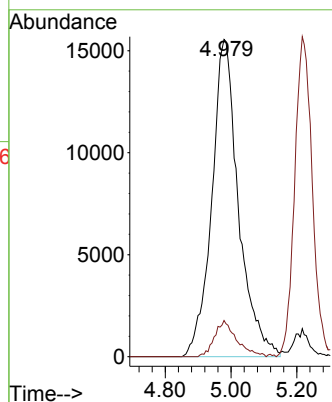


#11
Tert butyl alcohol
Concen: 287.069 ug/l
RT: 4.979 min Scan# 514
Delta R.T. 0.031 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

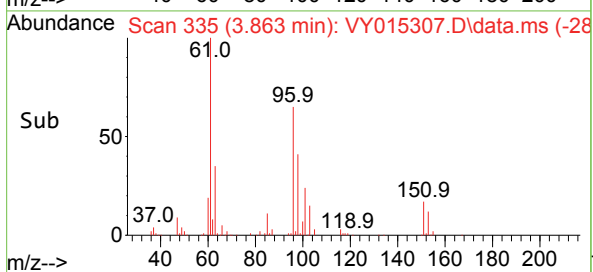
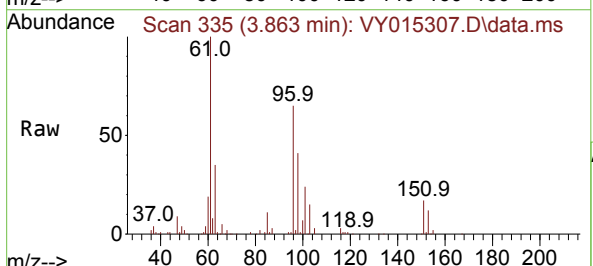
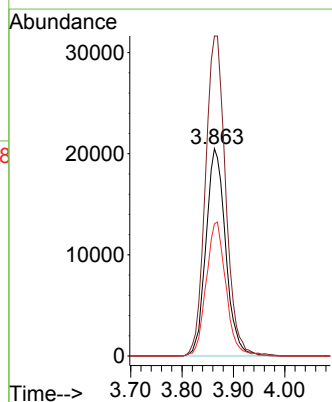


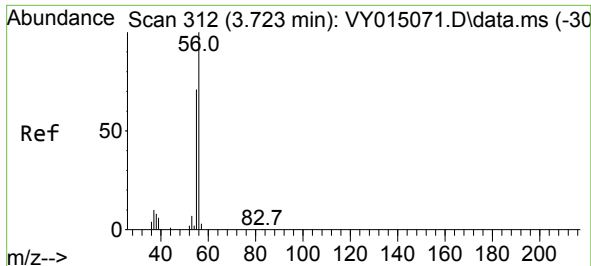
Tgt Ion: 59 Resp: 87632
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.402 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 96 Resp: 54629
Ion Ratio Lower Upper
96 100
61 154.3 136.4 204.6
98 63.7 49.4 74.2

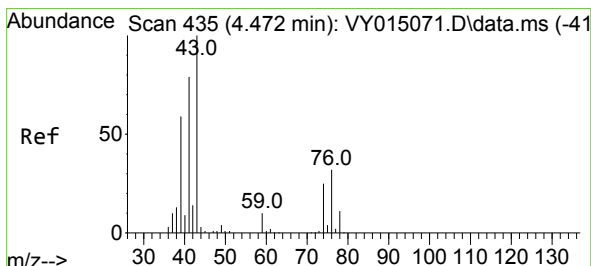
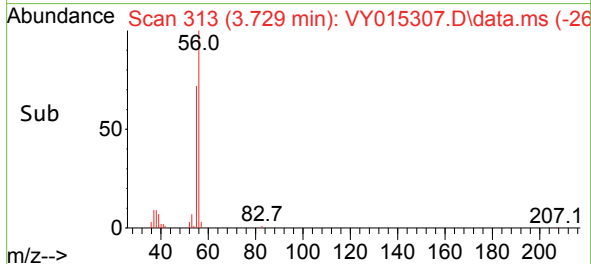
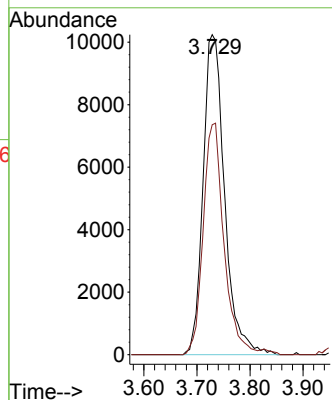
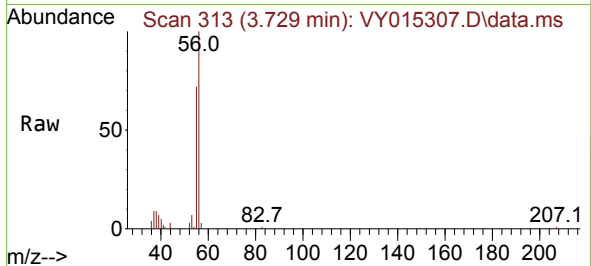




#13
Acrolein
Concen: 237.099 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

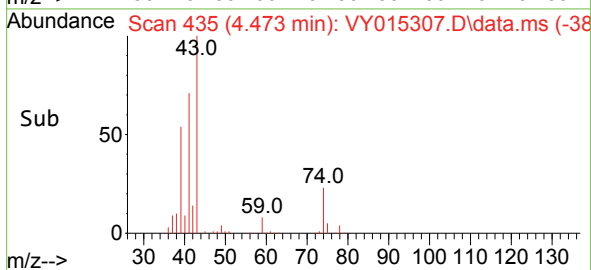
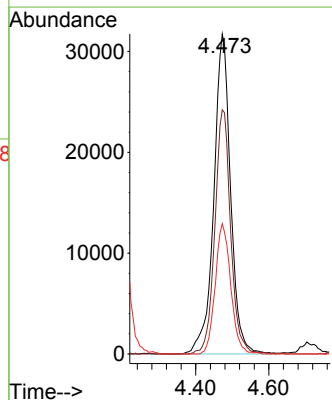
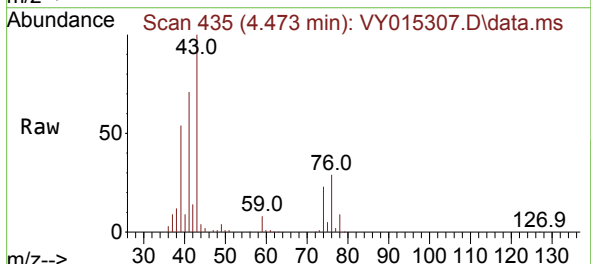
Instrument :
MSVOA_Y
ClientSampleId :

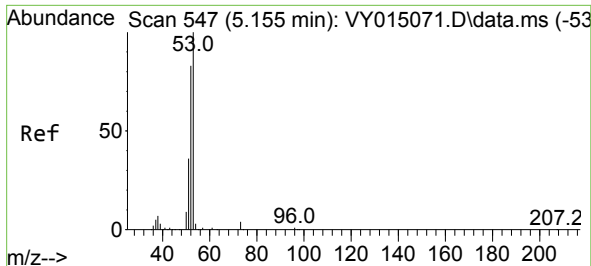
Tgt Ion: 56 Resp: 28812
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.4



#14
Allyl chloride
Concen: 52.733 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

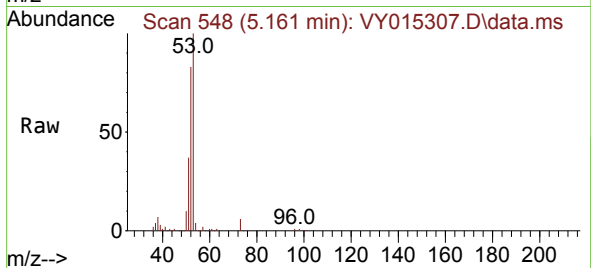
Tgt Ion: 41 Resp: 101336
Ion Ratio Lower Upper
41 100
39 71.8 58.0 87.0
76 37.5 27.4 41.2



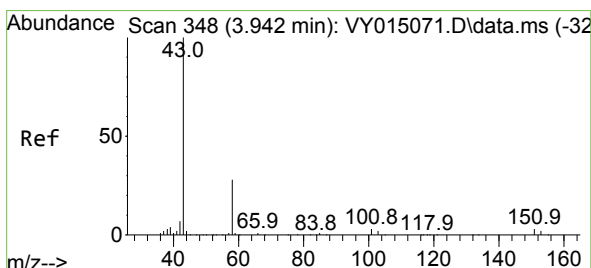
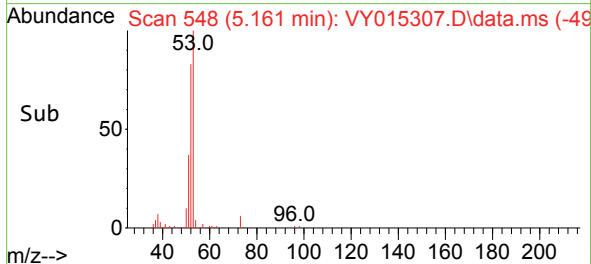
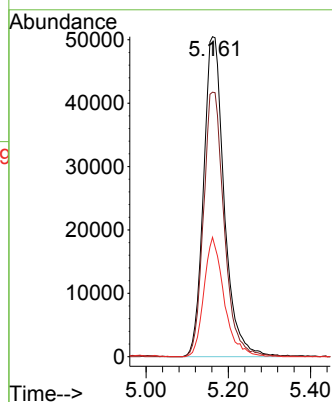


#15
Acrylonitrile
Concen: 316.909 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

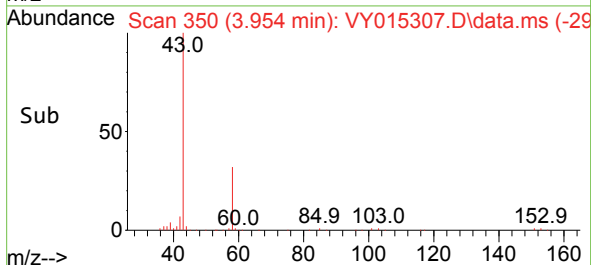
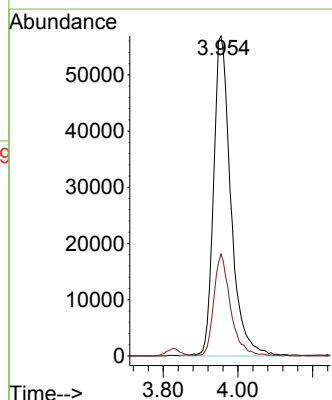
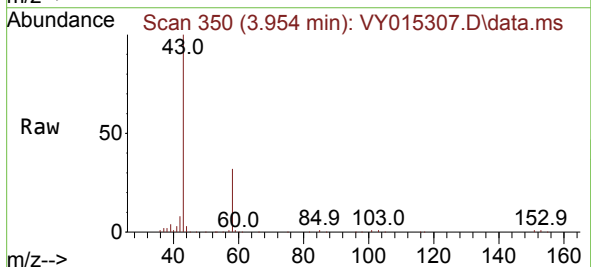


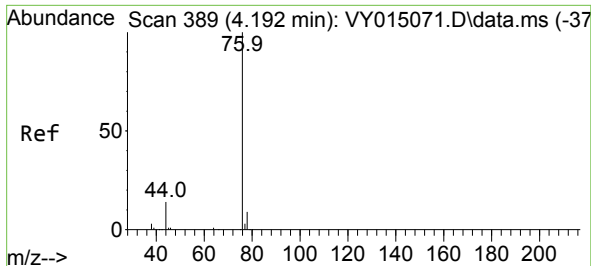
Tgt Ion: 53 Resp: 175910
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 299.207 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 43 Resp: 182766
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1

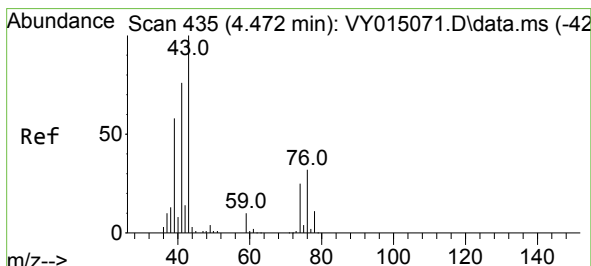
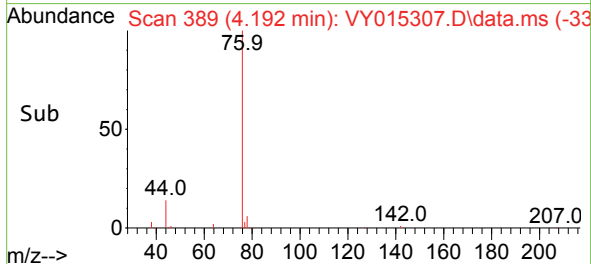
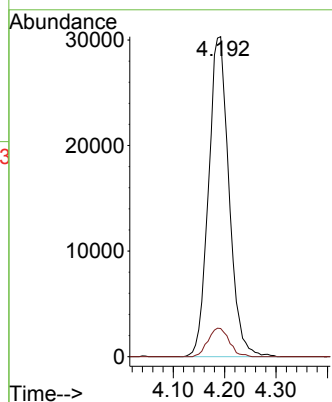
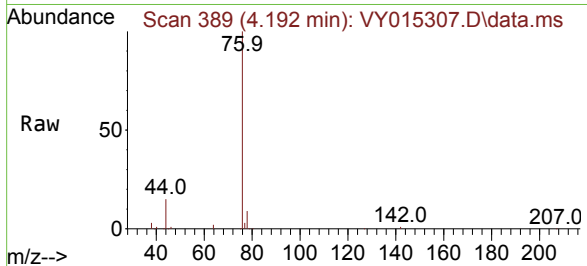




#17
Carbon Disulfide
Concen: 43.840 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

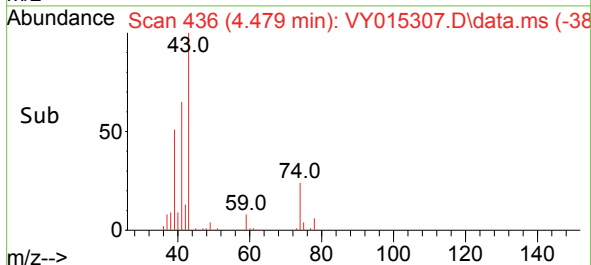
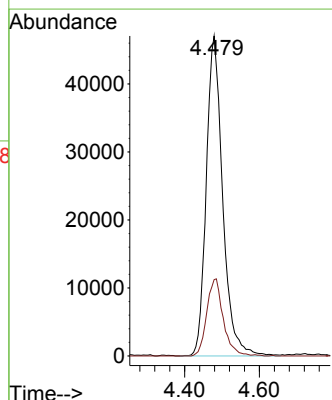
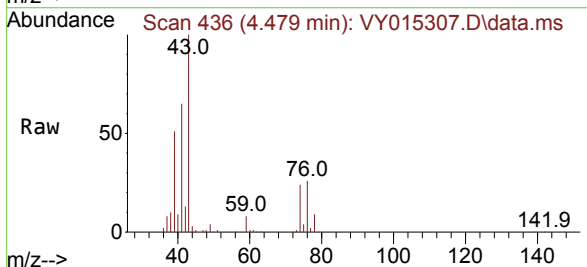
Instrument :
MSVOA_Y
ClientSampleId :

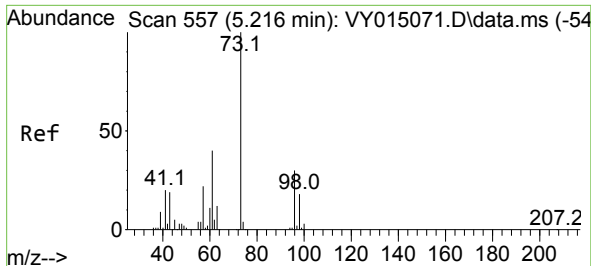
Tgt Ion: 76 Resp: 83624
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 64.120 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 43 Resp: 143529
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 57.366 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

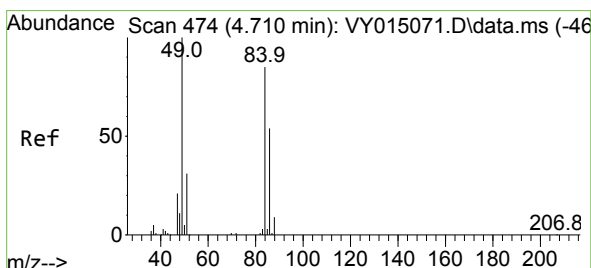
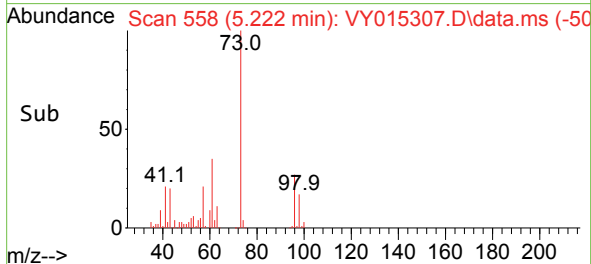
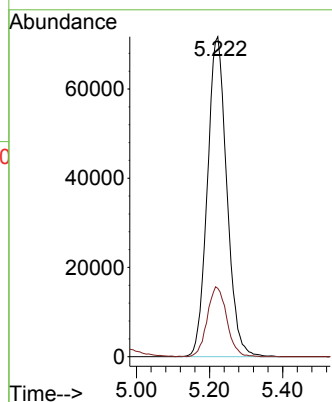
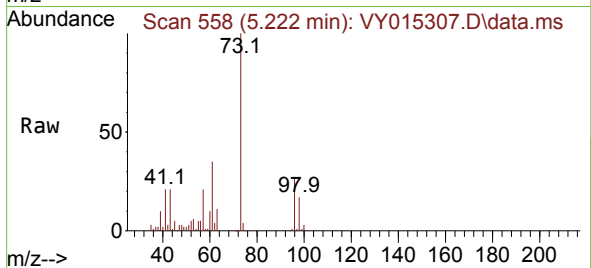
ClientSampleId :

Tgt Ion: 73 Resp: 264376

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 60.694 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Tgt Ion: 84 Resp: 87537

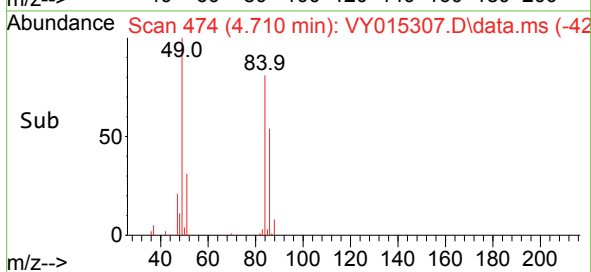
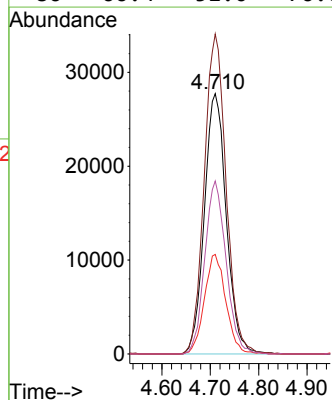
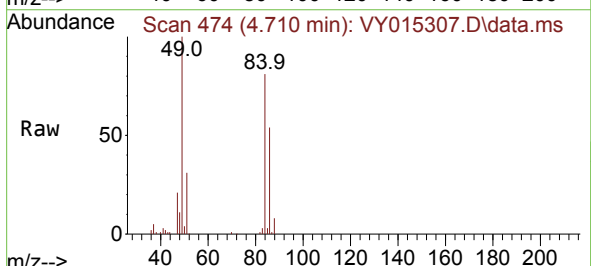
Ion Ratio Lower Upper

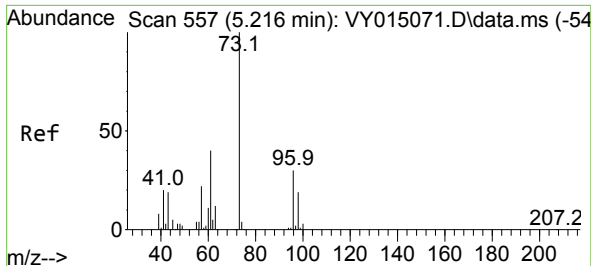
84 100

49 122.9 106.9 160.3

51 38.2 33.2 49.8

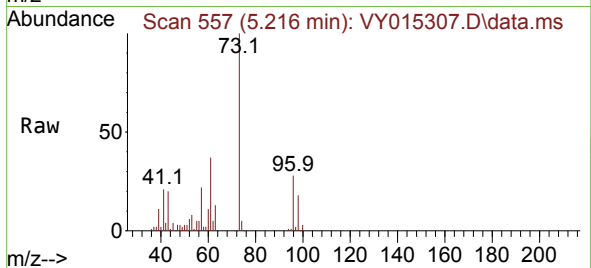
86 66.4 51.0 76.6



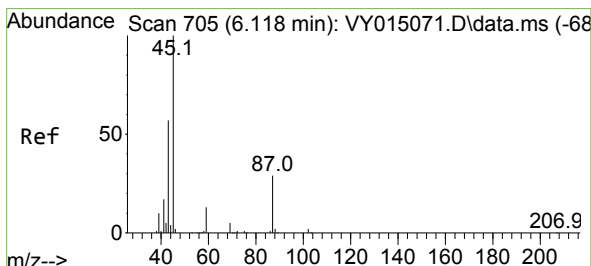
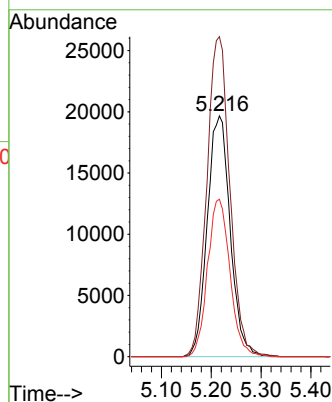
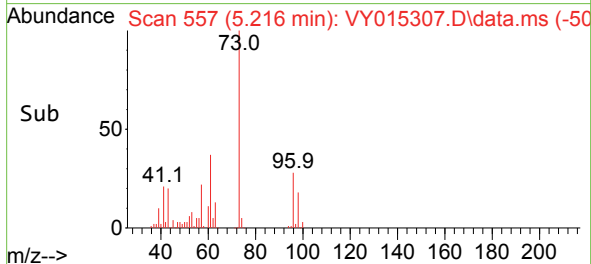


#21
trans-1,2-Dichloroethene
Concen: 51.440 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

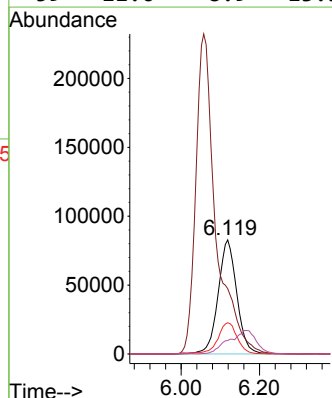
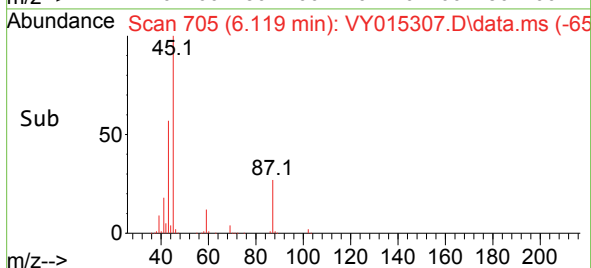
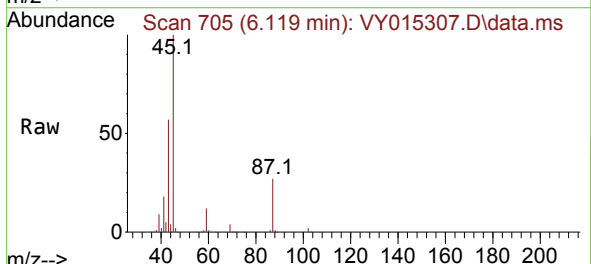


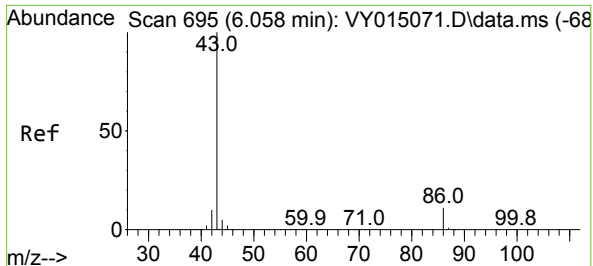
Tgt Ion: 96 Resp: 62890
Ion Ratio Lower Upper
96 100
61 132.9 110.2 165.4
98 65.4 51.8 77.6



#22
Diisopropyl ether
Concen: 57.112 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 45 Resp: 273855
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 27.4 21.0 31.6
59 11.6 8.9 13.3

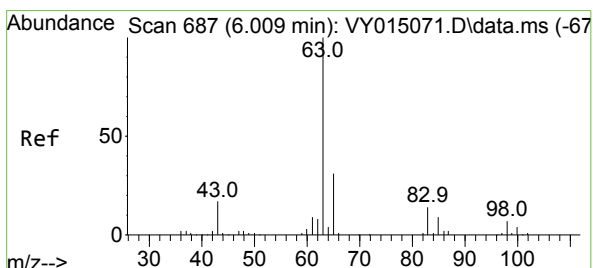
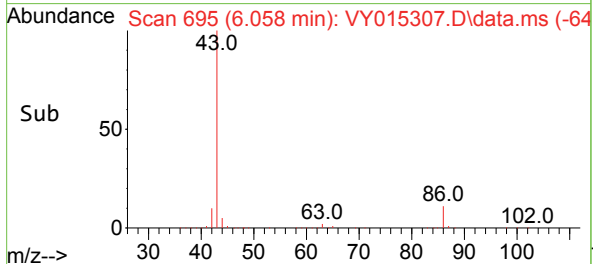
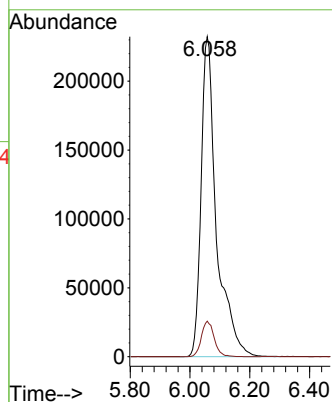
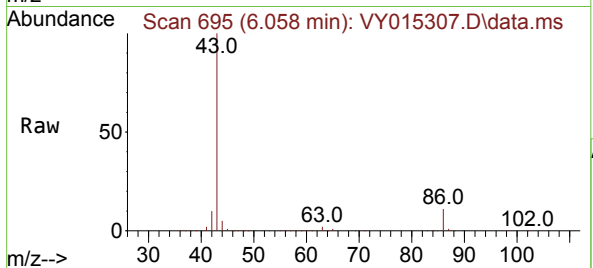




#23
 Vinyl Acetate
 Concen: 289.326 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015307.D
 Acq: 24 Aug 2023 12:06

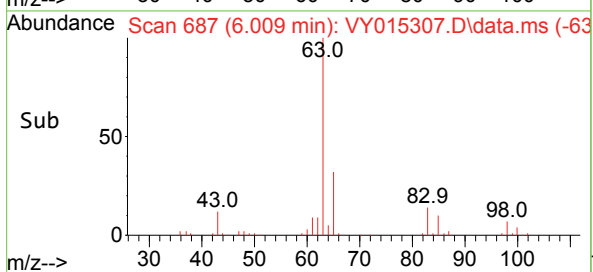
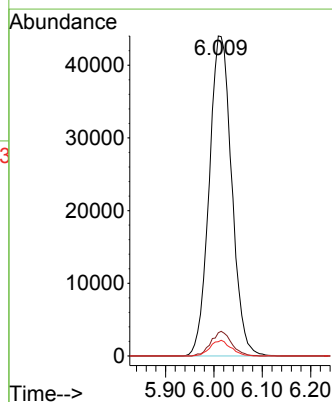
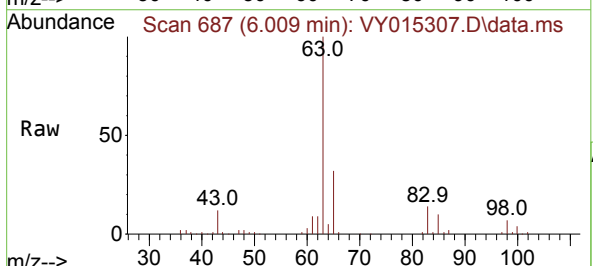
Instrument :
 MSVOA_Y
 ClientSampleId :

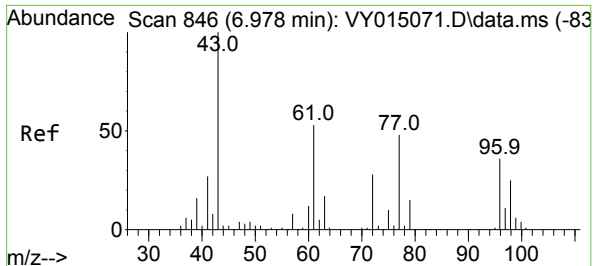
Tgt Ion: 43 Resp: 827812
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 54.730 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015307.D
 Acq: 24 Aug 2023 12:06

Tgt Ion: 63 Resp: 142078
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 312.406 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

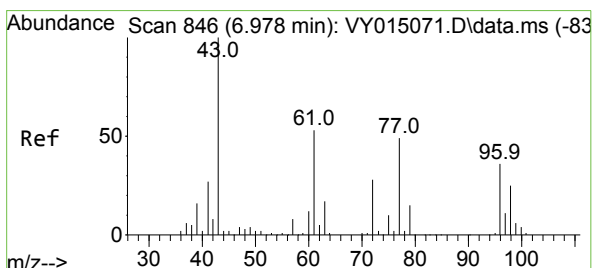
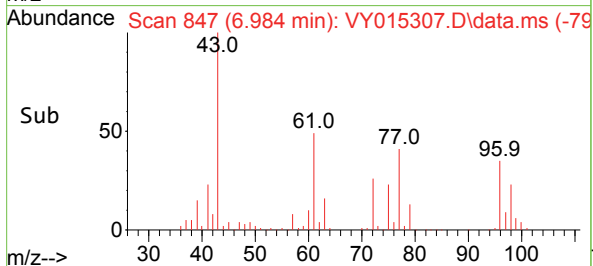
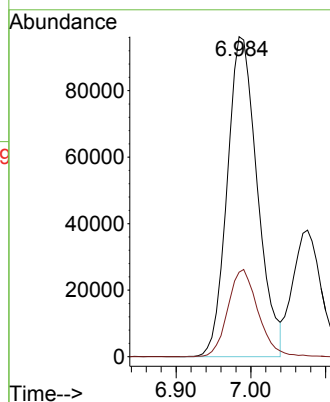
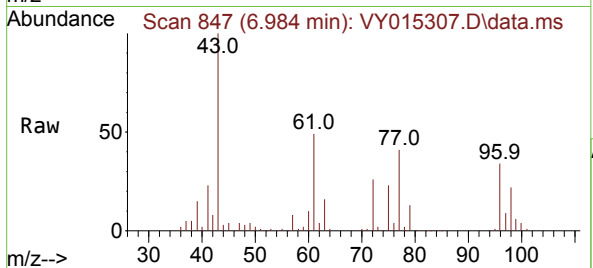
ClientSampleId :

Tgt Ion: 43 Resp: 270193

Ion Ratio Lower Upper

43 100

72 26.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.922 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015307.D

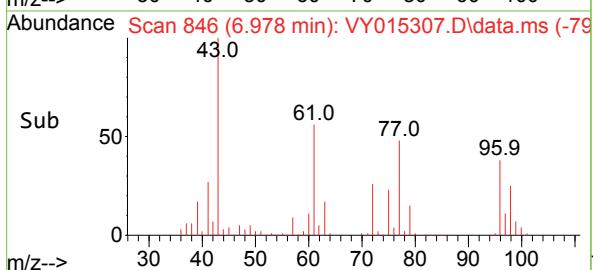
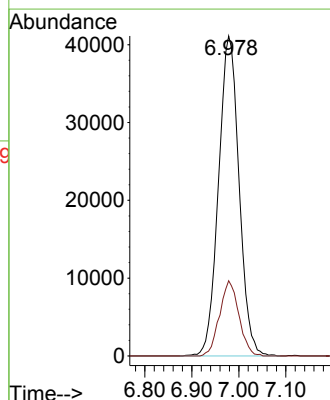
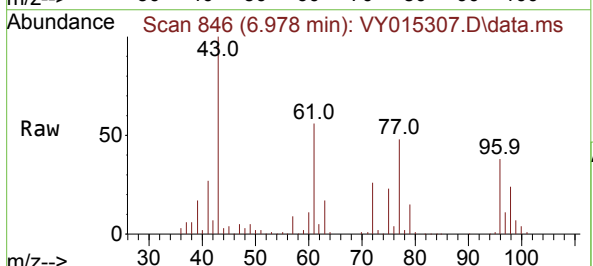
Acq: 24 Aug 2023 12:06

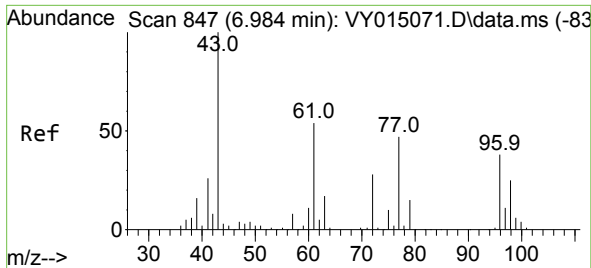
Tgt Ion: 77 Resp: 124933

Ion Ratio Lower Upper

77 100

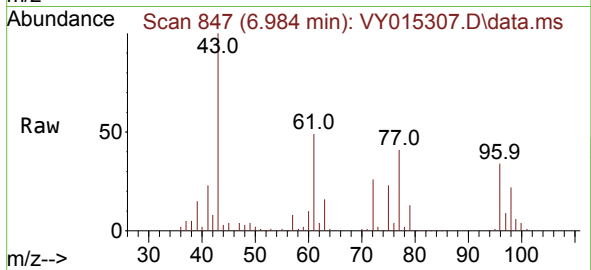
97 22.1 10.9 32.9



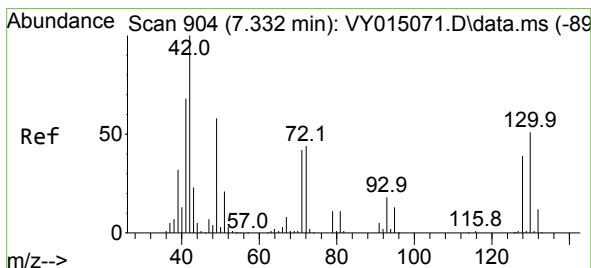
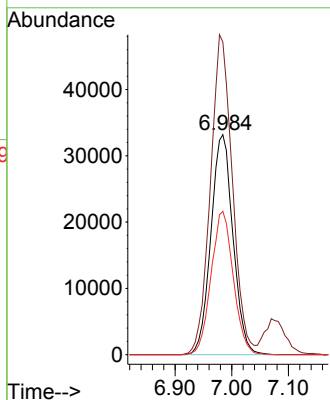
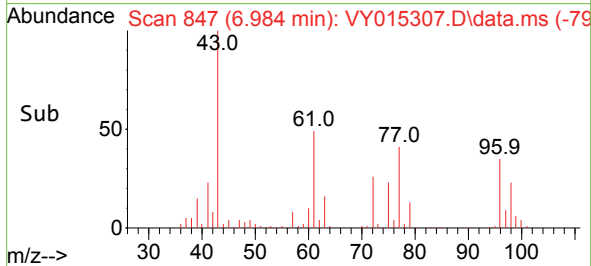


#27
 cis-1,2-Dichloroethene
 Concen: 53.771 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015307.D
 Acq: 24 Aug 2023 12:06

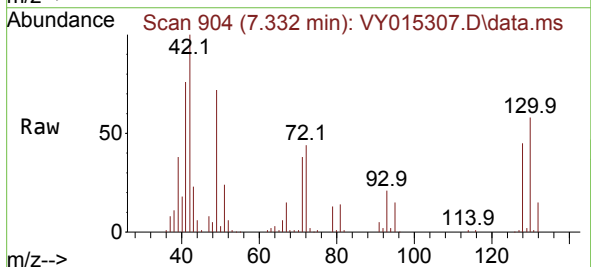
Instrument :
 MSVOA_Y
 ClientSampleId :



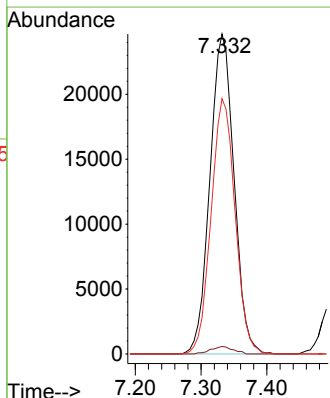
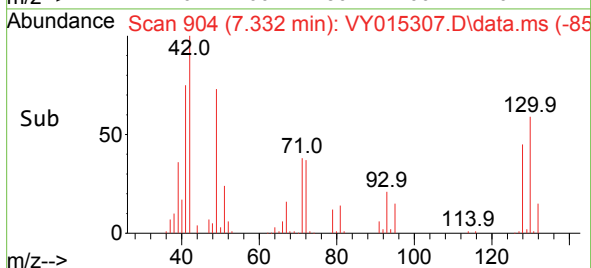
Tgt Ion: 96 Resp: 89801
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 301.4
 98 65.6 0.0 130.4

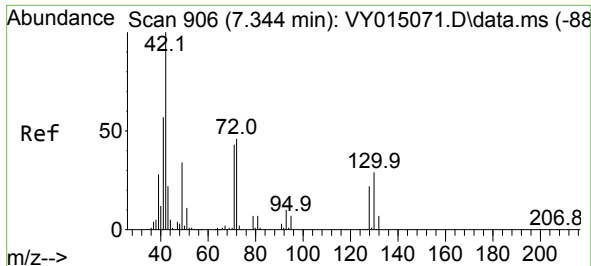


#28
 Bromochloromethane
 Concen: 52.702 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015307.D
 Acq: 24 Aug 2023 12:06



Tgt Ion: 49 Resp: 62857
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 79.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 310.923 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

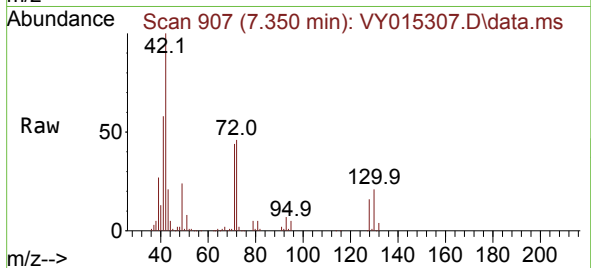
Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :



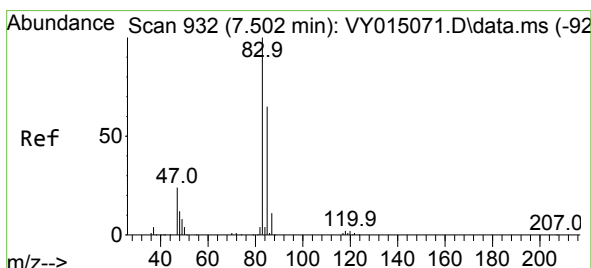
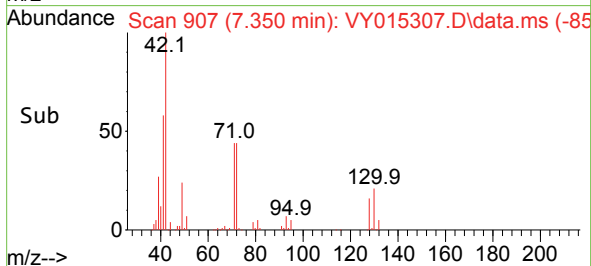
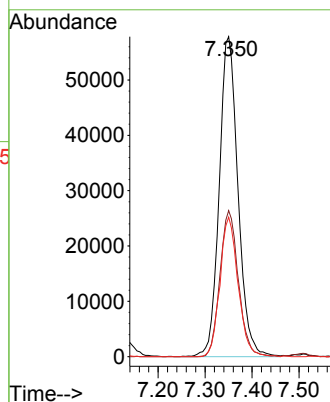
Tgt Ion: 42 Resp: 160793

Ion Ratio Lower Upper

42 100

72 44.9 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 55.560 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015307.D

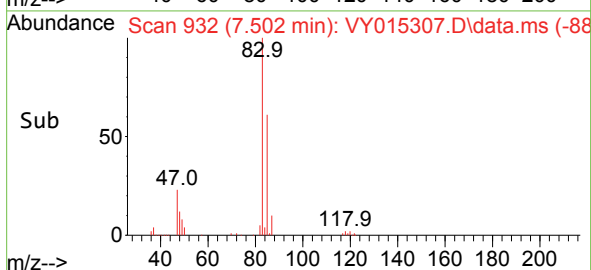
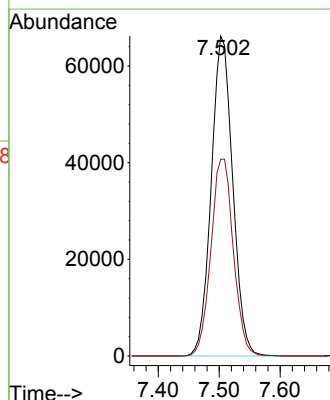
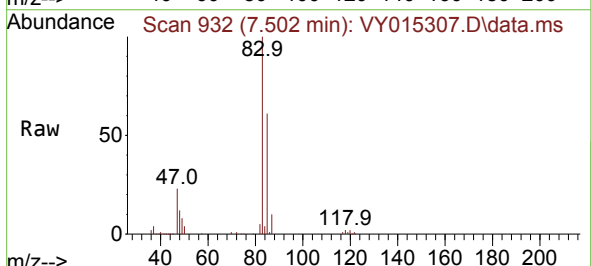
Acq: 24 Aug 2023 12:06

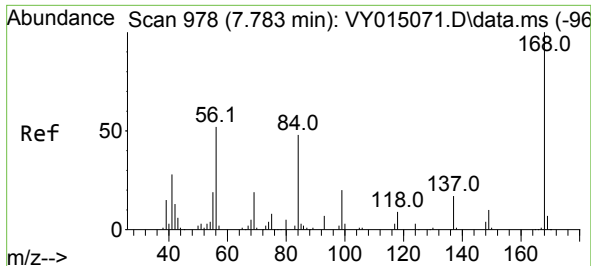
Tgt Ion: 83 Resp: 161688

Ion Ratio Lower Upper

83 100

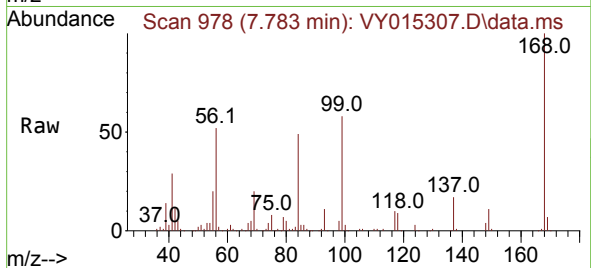
85 61.4 49.7 74.5



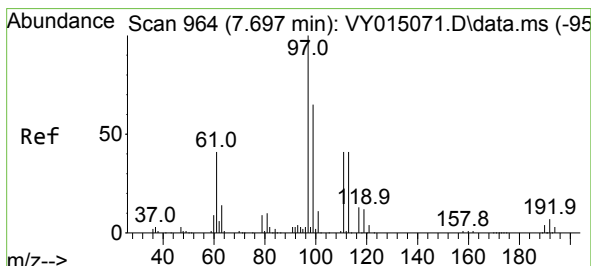
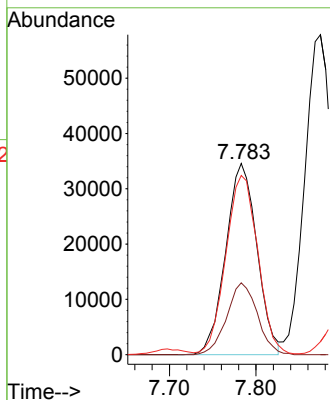
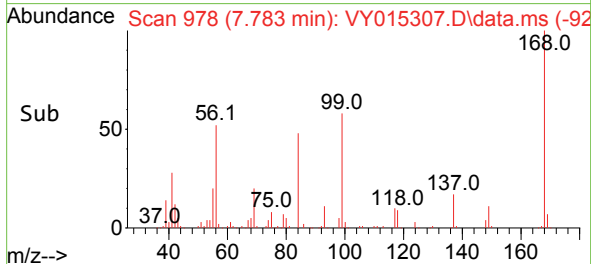


#31
Cyclohexane
Concen: 51.963 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

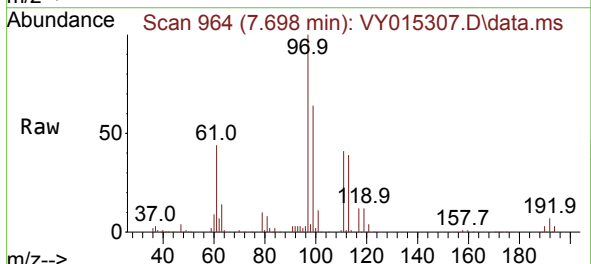
Instrument :
MSVOA_Y
ClientSampleId :



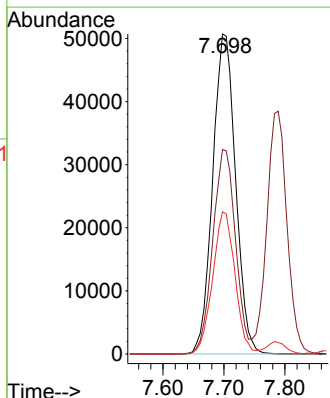
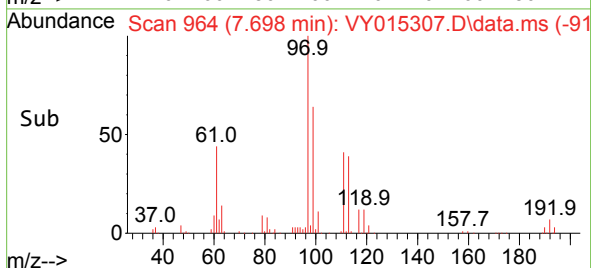
Tgt Ion: 56 Resp: 86618
Ion Ratio Lower Upper
56 100
69 37.6 27.8 41.6
84 91.2 66.4 99.6

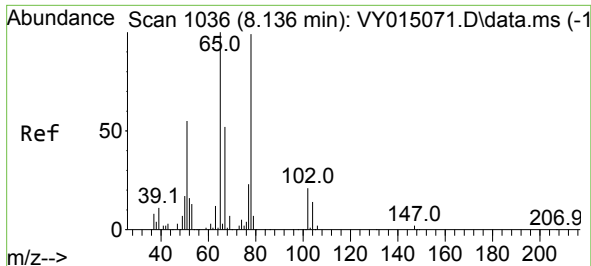


#32
1,1,1-Trichloroethane
Concen: 53.420 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06



Tgt Ion: 97 Resp: 132289
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 58.572 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

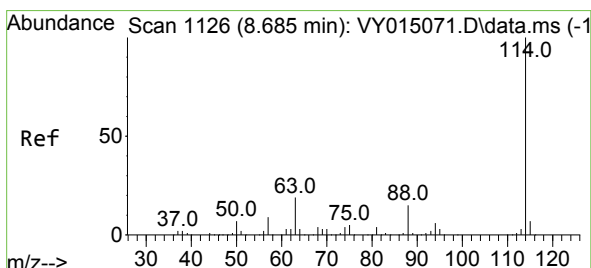
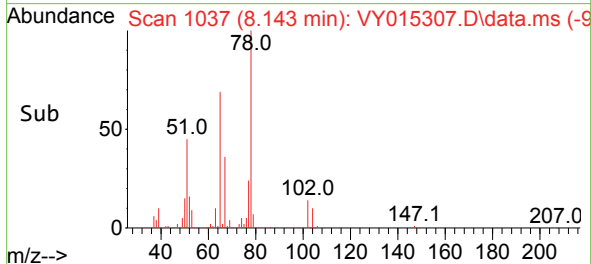
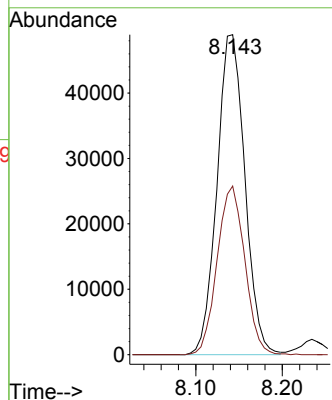
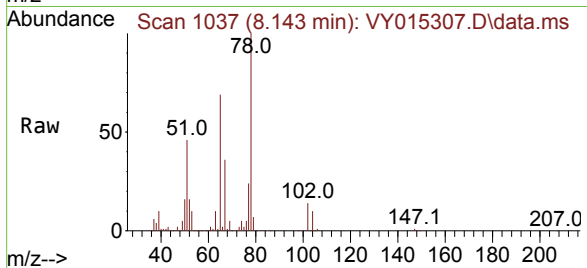
ClientSampleId :

Tgt Ion: 65 Resp: 109518

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

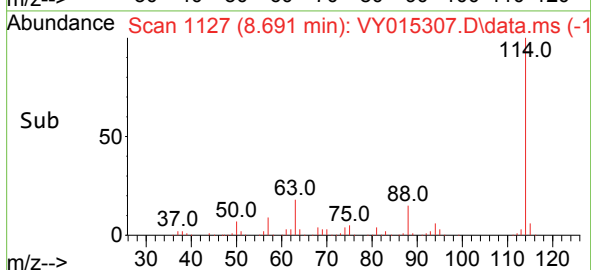
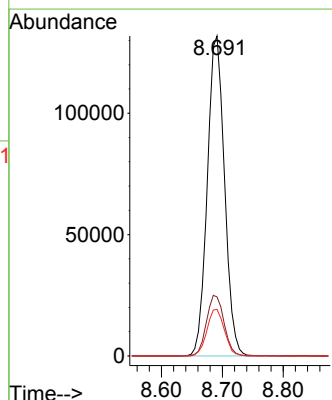
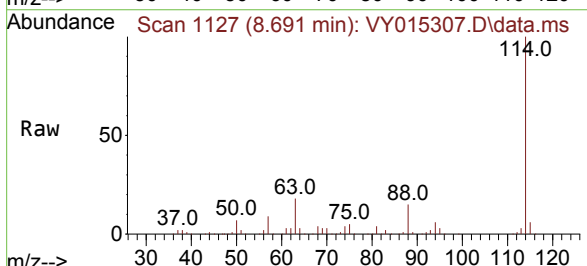
Tgt Ion:114 Resp: 258964

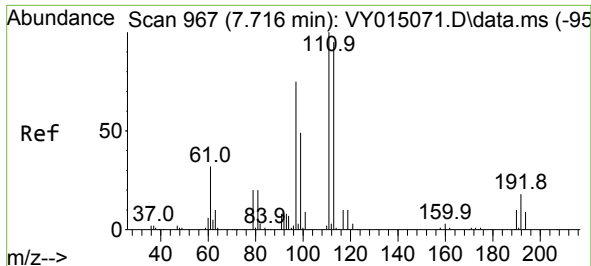
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.6 0.0 30.6

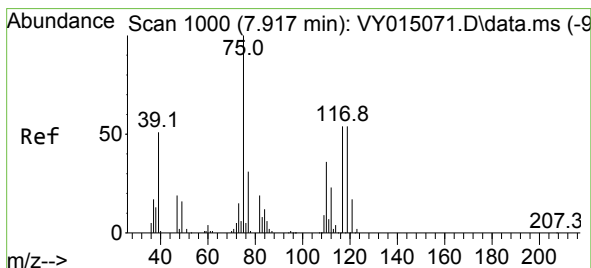
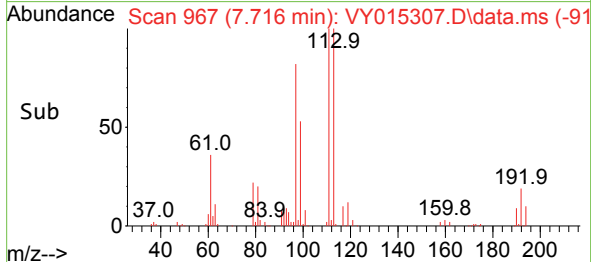
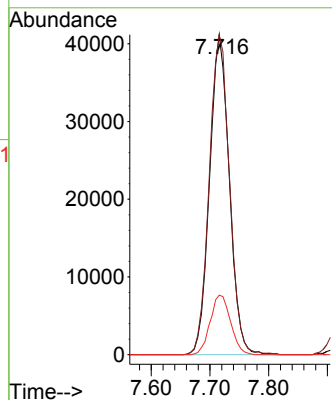
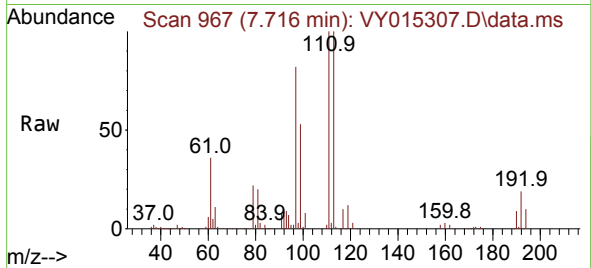




#35
Dibromofluoromethane
Concen: 57.519 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

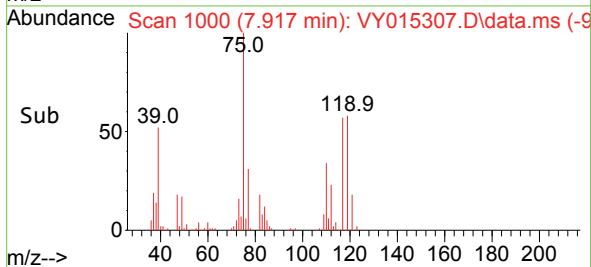
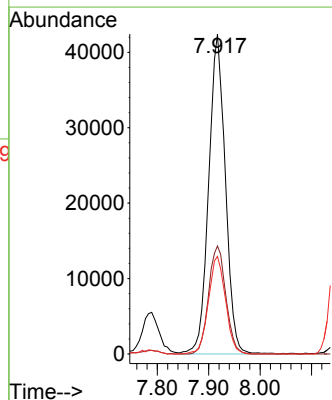
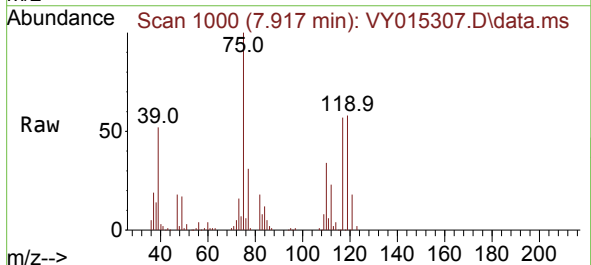
Instrument :
MSVOA_Y
ClientSampleId :

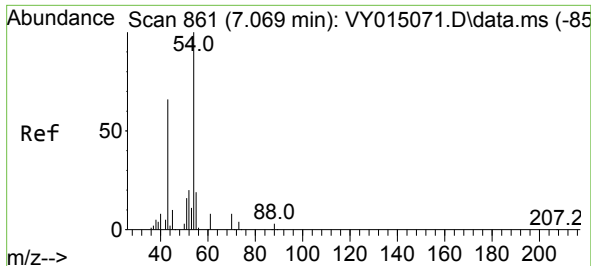
Tgt Ion:113 Resp: 95827
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.840 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 75 Resp: 95548
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.5
77 31.2 24.4 36.6

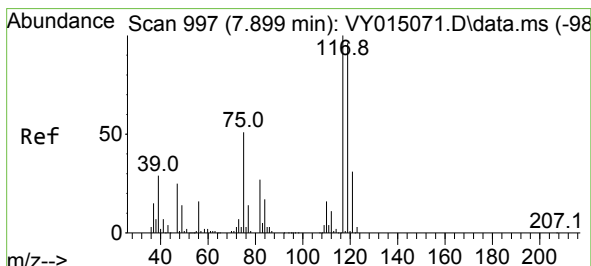
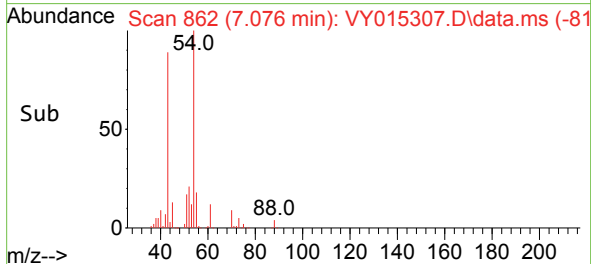
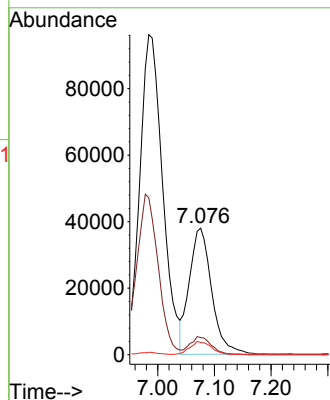
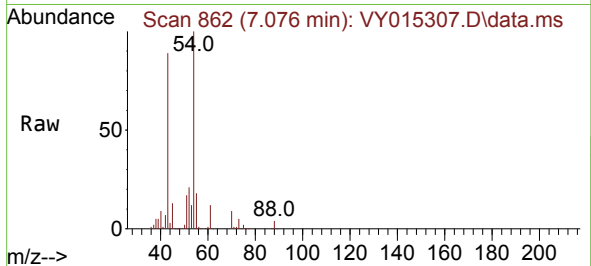




#37
Ethyl Acetate
Concen: 60.680 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

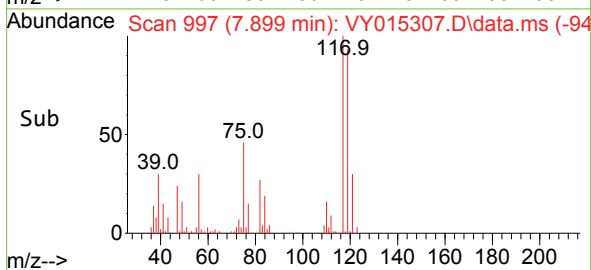
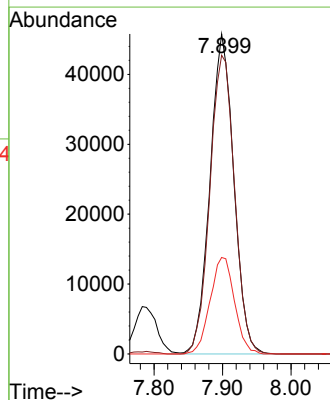
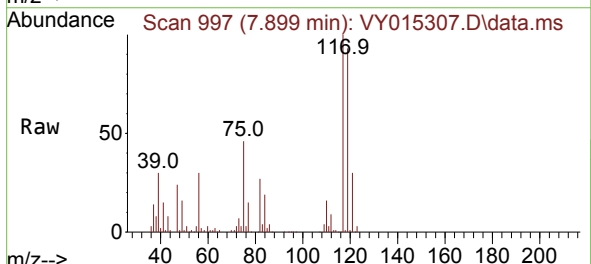
Instrument :
MSVOA_Y
ClientSampleId :

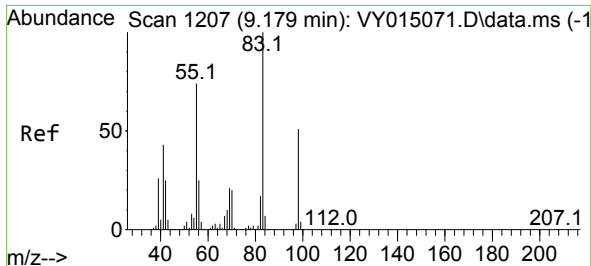
Tgt Ion: 43 Resp: 104250
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.626 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 117 Resp: 110433
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 49.719 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

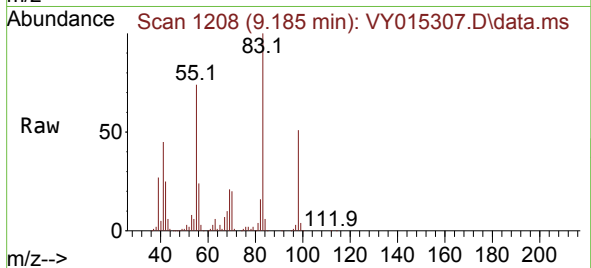
Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :



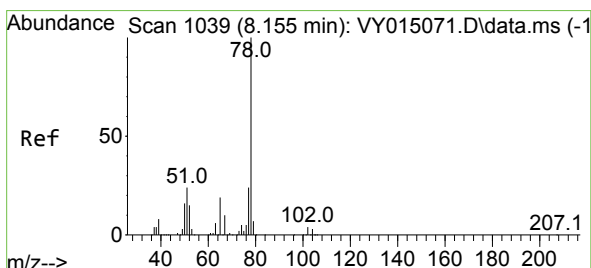
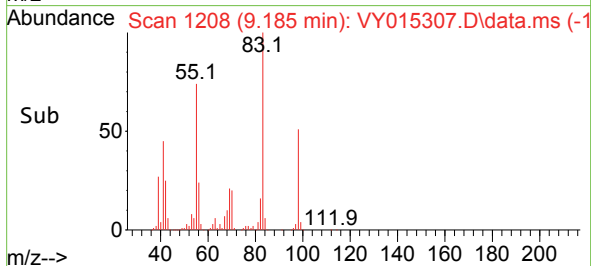
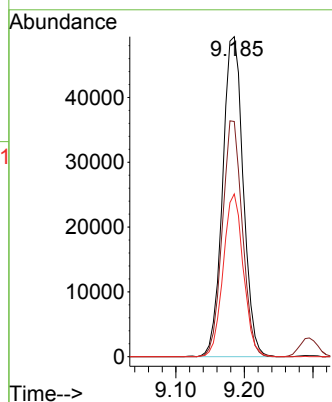
Tgt Ion: 83 Resp: 102730

Ion Ratio Lower Upper

83 100

55 73.5 63.0 94.4

98 50.8 37.4 56.2



#40

Benzene

Concen: 53.752 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015307.D

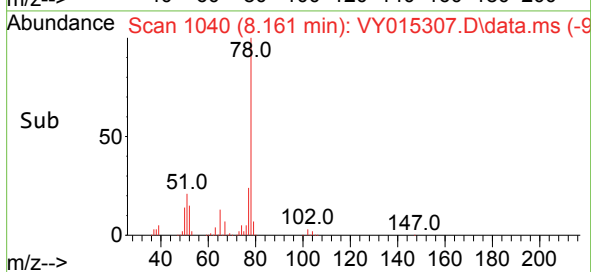
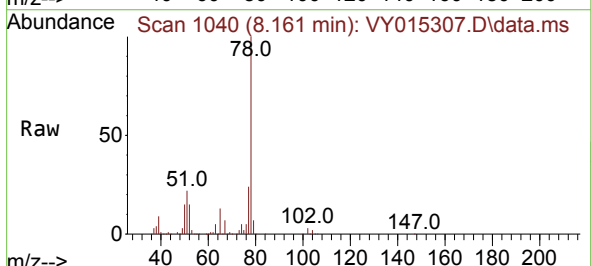
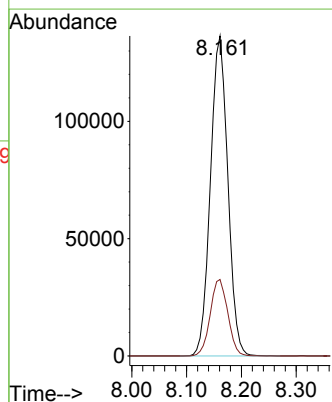
Acq: 24 Aug 2023 12:06

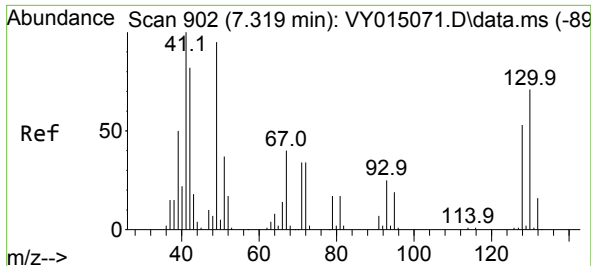
Tgt Ion: 78 Resp: 299529

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

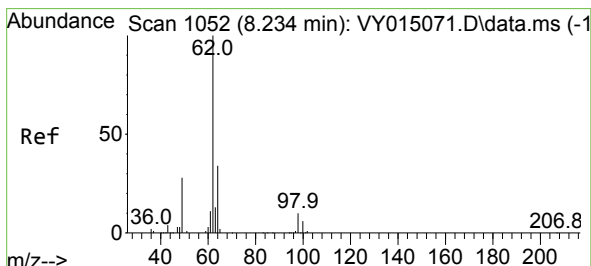
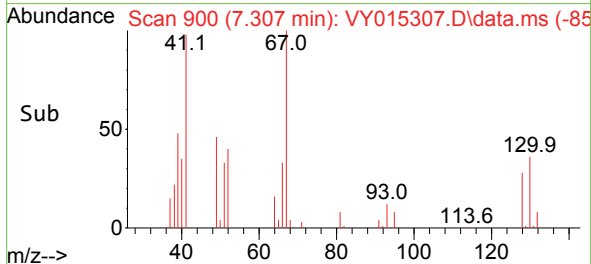
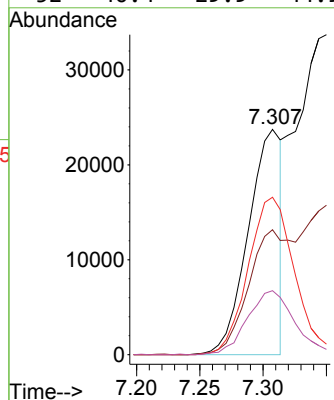
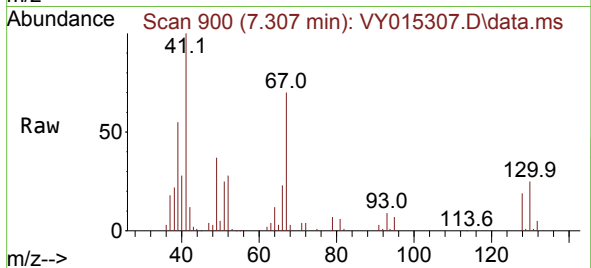




#41
Methacrylonitrile
Concen: 49.187 ug/l
RT: 7.307 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

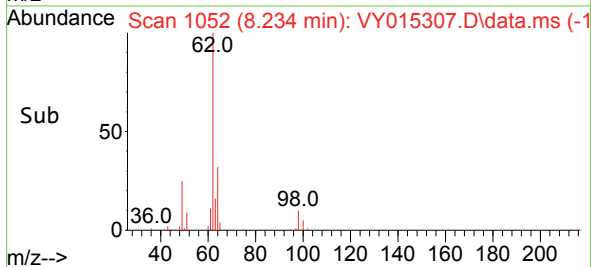
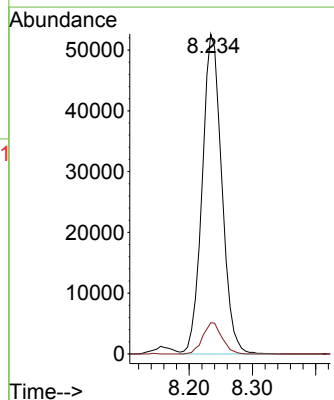
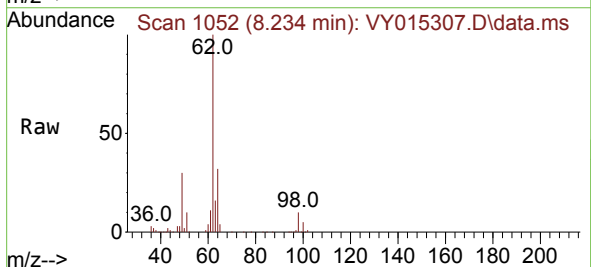
Instrument :
MSVOA_Y
ClientSampleId :

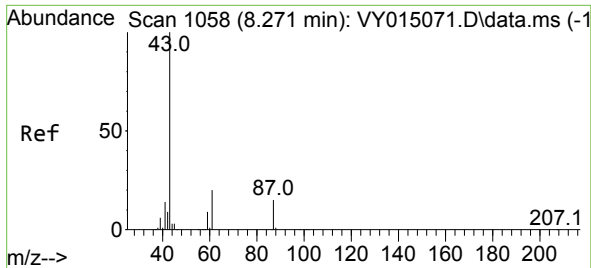
Tgt Ion:	41	Resp:	43575
Ion	Ratio	Lower	Upper
41	100		
39	75.2	52.1	78.1
67	97.2	66.2	99.2
52	40.4	29.9	44.9



#42
1,2-Dichloroethane
Concen: 56.096 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion:	62	Resp:	113525
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8

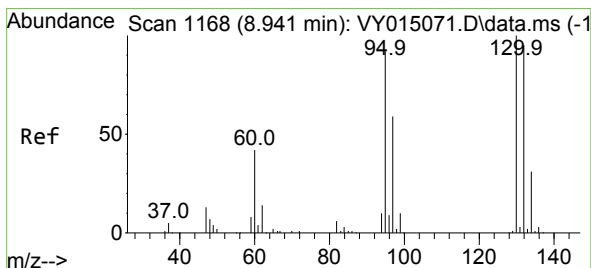
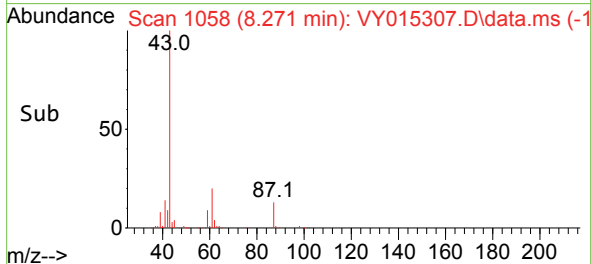
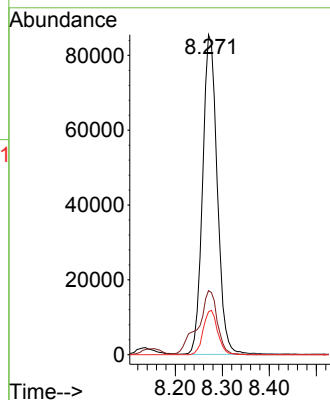
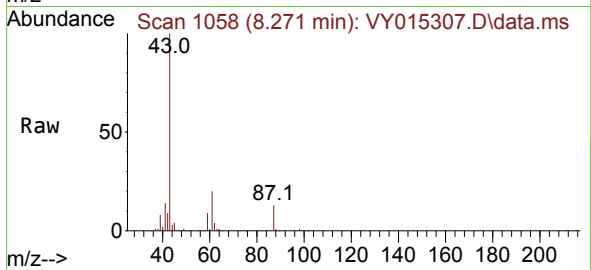




#43
Isopropyl Acetate
Concen: 58.847 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

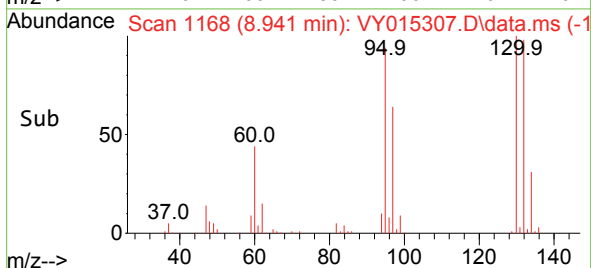
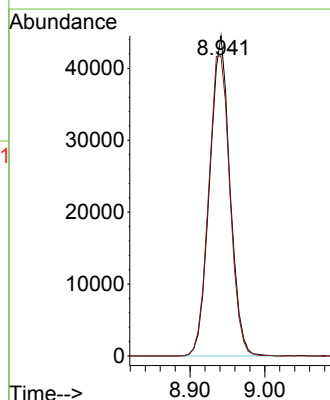
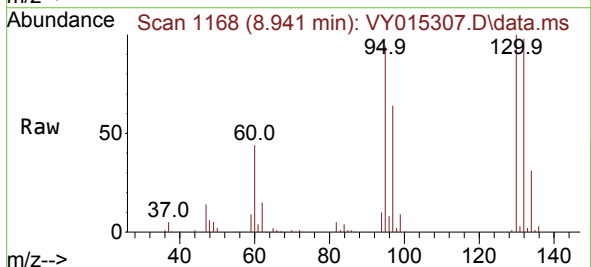
Instrument :
MSVOA_Y
ClientSampleId :

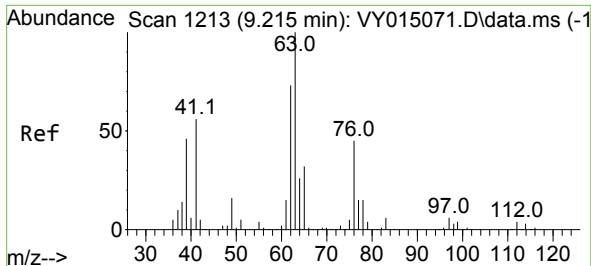
Tgt Ion: 43 Resp: 184109
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 13.7 9.8 14.8



#44
Trichloroethene
Concen: 52.250 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion:130 Resp: 83883
Ion Ratio Lower Upper
130 100
95 93.7 0.0 196.0

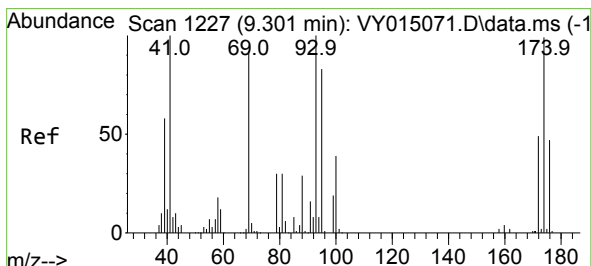
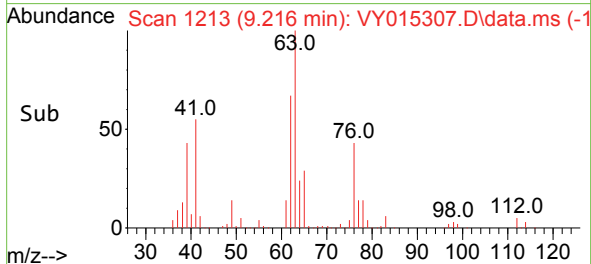
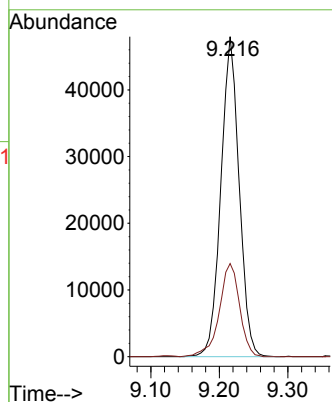
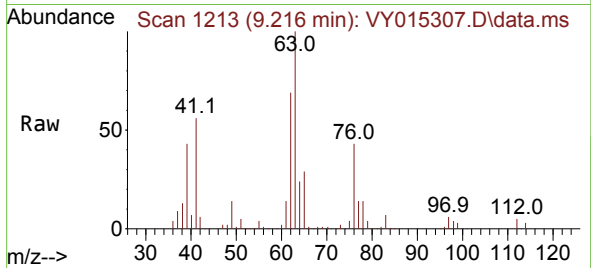




#45
1,2-Dichloropropane
Concen: 56.347 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

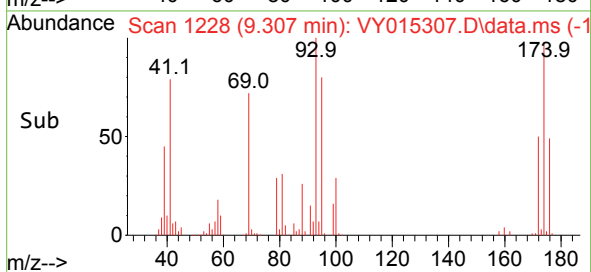
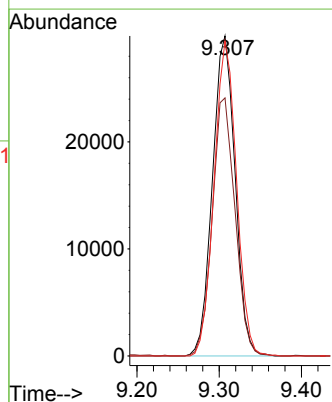
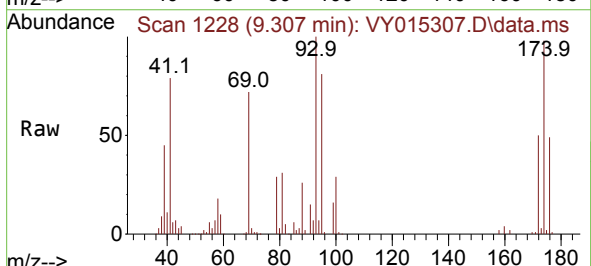
Instrument :
MSVOA_Y
ClientSampleId :

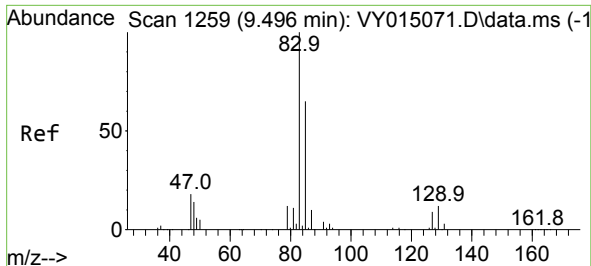
Tgt Ion: 63 Resp: 88540
Ion Ratio Lower Upper
63 100
65 29.1 23.8 35.6



#46
Dibromomethane
Concen: 57.708 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 93 Resp: 57192
Ion Ratio Lower Upper
93 100
95 81.3 66.6 100.0
174 97.7 84.8 127.2





#47

Bromodichloromethane

Concen: 56.744 ug/l

RT: 9.496 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

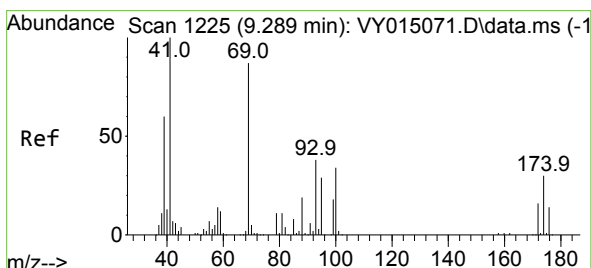
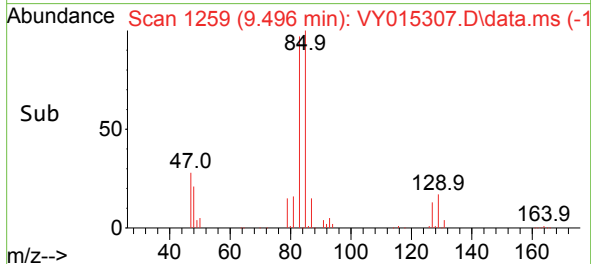
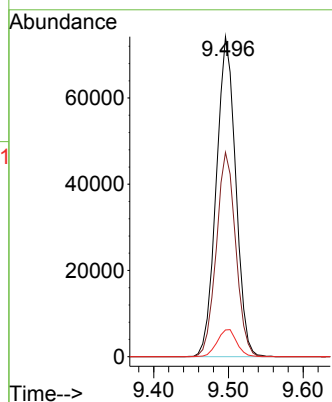
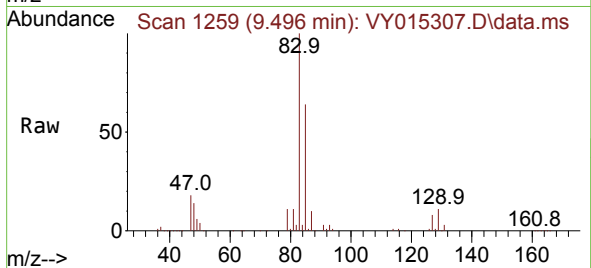
Tgt Ion: 83 Resp: 134194

Ion Ratio Lower Upper

83 100

85 63.9 50.1 75.1

127 8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 62.545 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

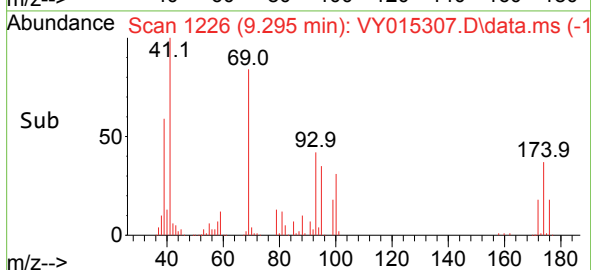
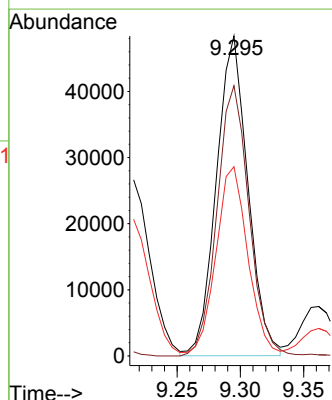
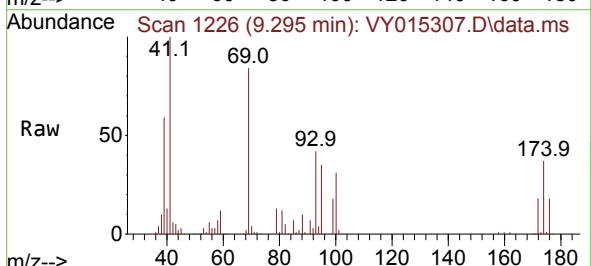
Tgt Ion: 41 Resp: 83708

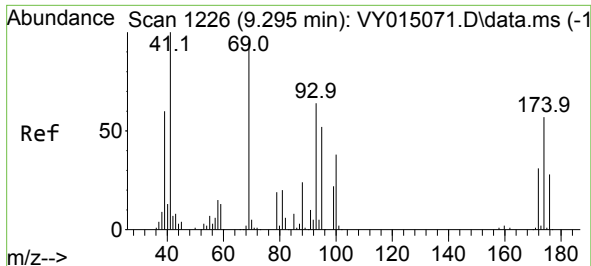
Ion Ratio Lower Upper

41 100

69 86.2 64.5 96.7

39 60.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1207.002 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

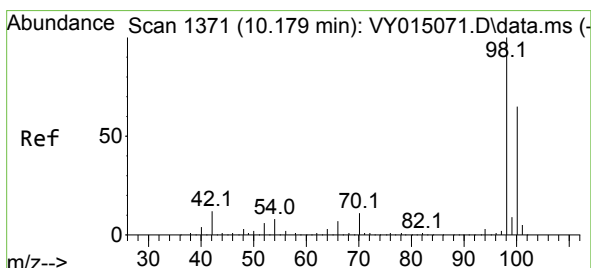
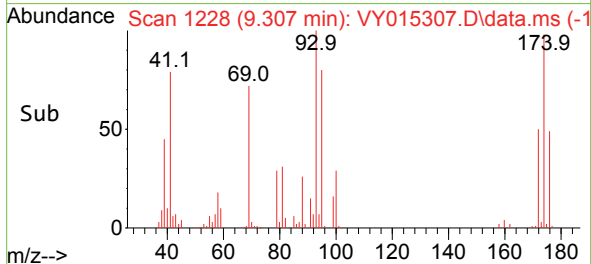
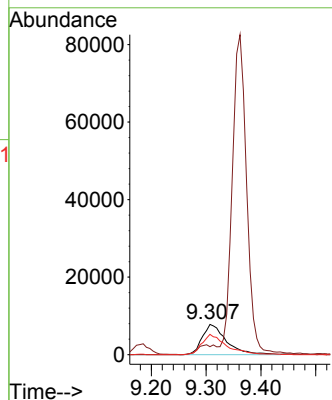
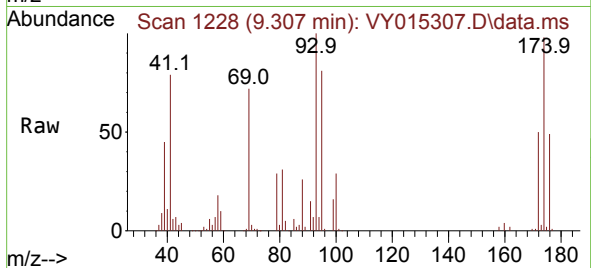
Tgt Ion: 88 Resp: 23920

Ion Ratio Lower Upper

88 100

43 24.1 0.0 0.0#

58 68.8 30.9 46.3#



#50

Toluene-d8

Concen: 55.270 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015307.D

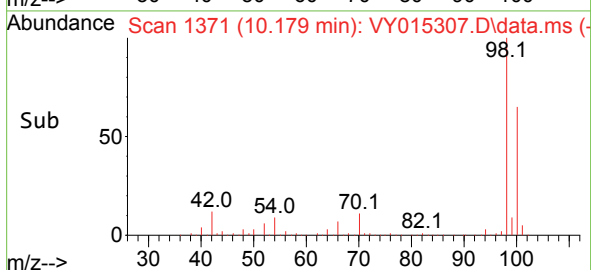
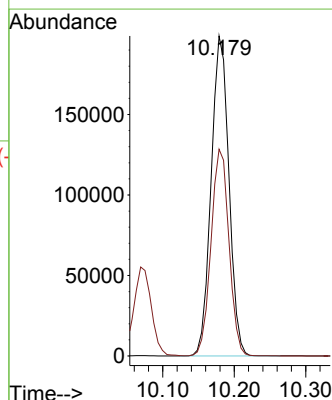
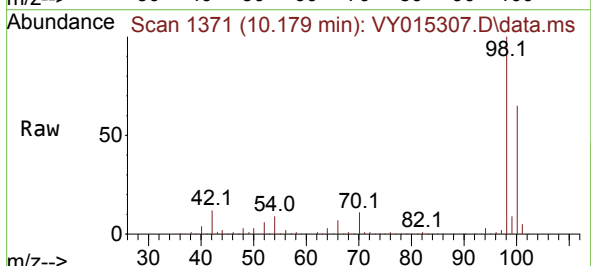
Acq: 24 Aug 2023 12:06

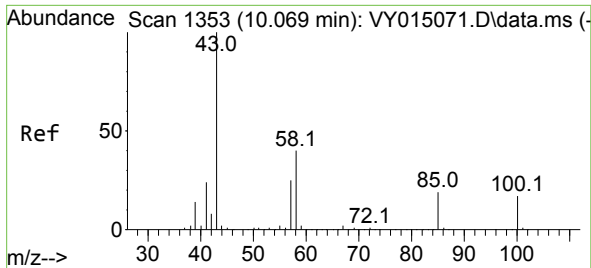
Tgt Ion: 98 Resp: 342775

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

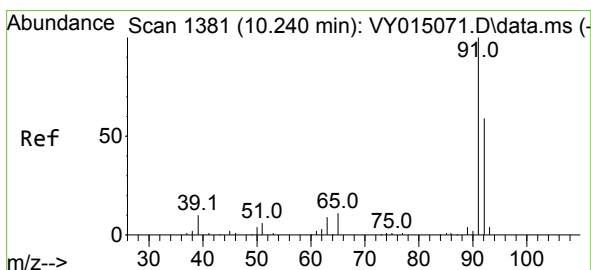
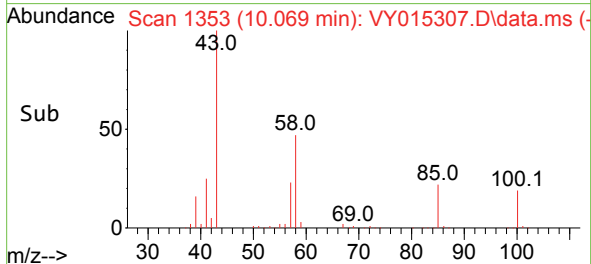
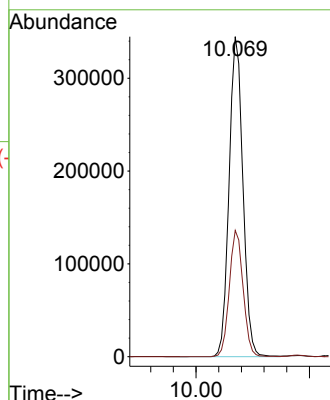
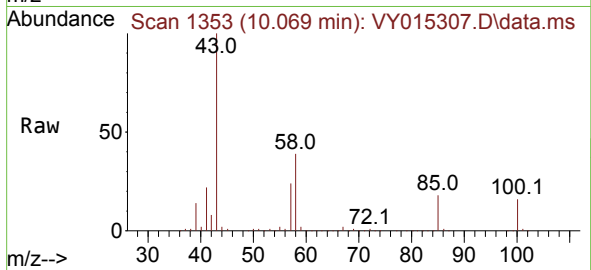




#51
4-Methyl-2-Pentanone
Concen: 321.370 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

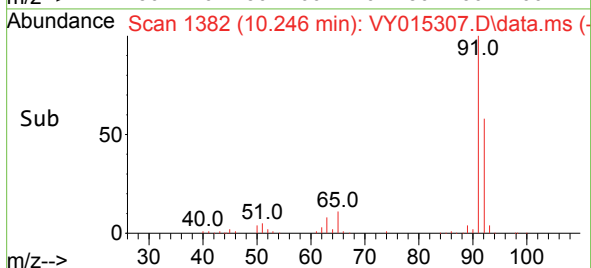
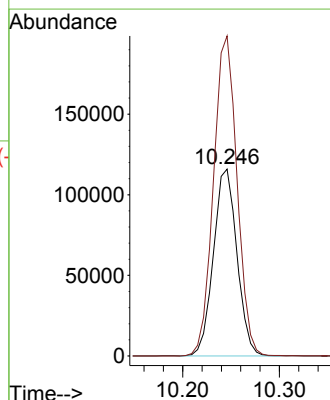
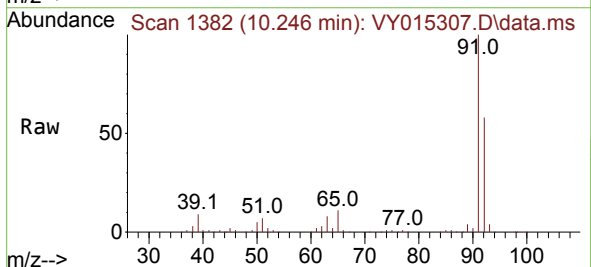
Instrument :
MSVOA_Y
ClientSampleId :

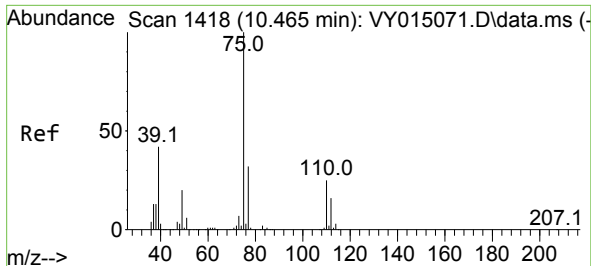
Tgt Ion: 43 Resp: 582715
Ion Ratio Lower Upper
43 100
58 39.3 29.0 43.6



#52
Toluene
Concen: 53.308 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 92 Resp: 195794
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6

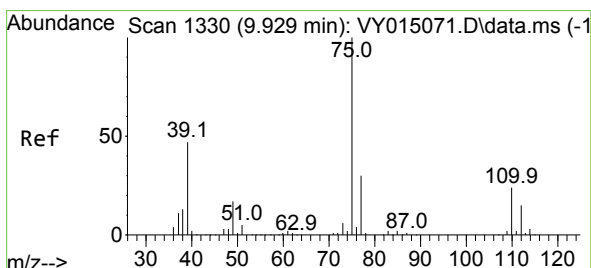
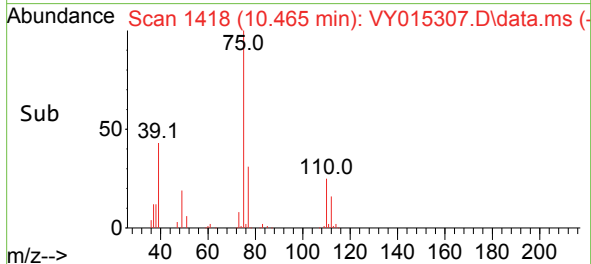
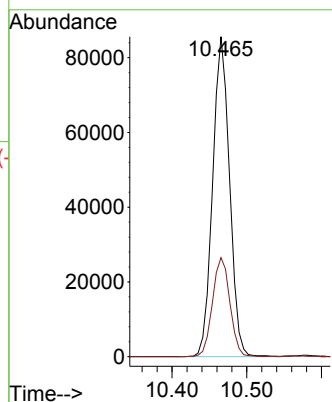
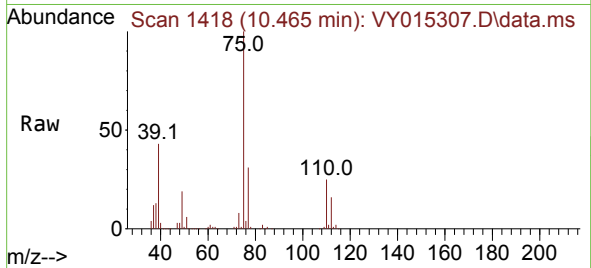




#53
t-1,3-Dichloropropene
Concen: 54.140 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

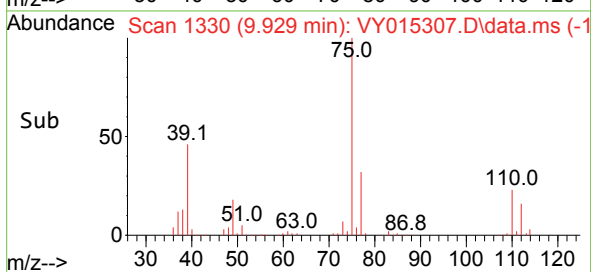
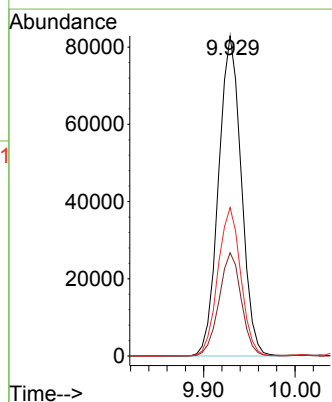
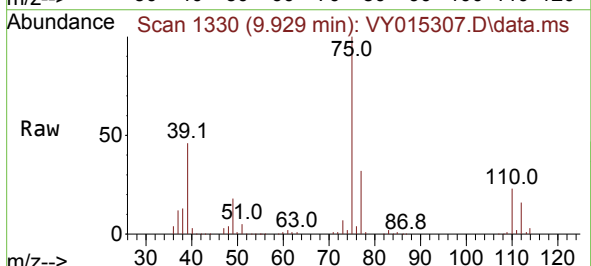
Instrument :
MSVOA_Y
ClientSampleId :

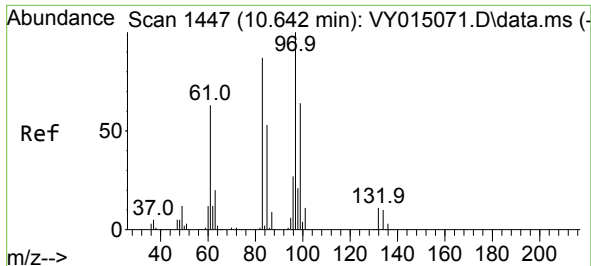
Tgt Ion: 75 Resp: 134559
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.660 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 75 Resp: 143074
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 46.3 42.2 63.4

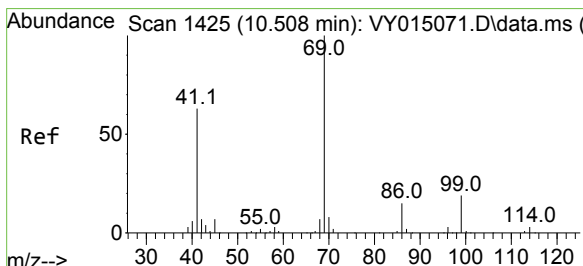
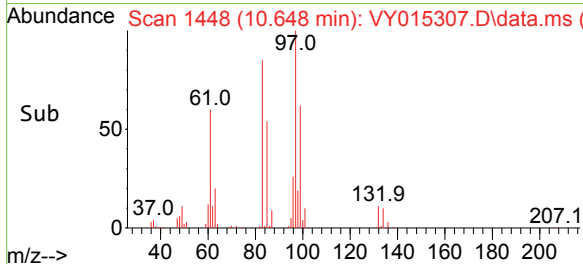
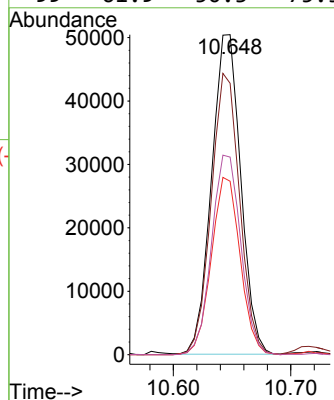
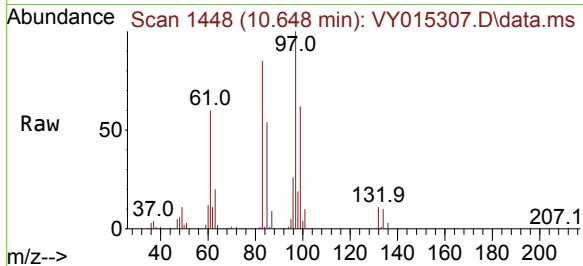




#55
1,1,2-Trichloroethane
Concen: 57.855 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

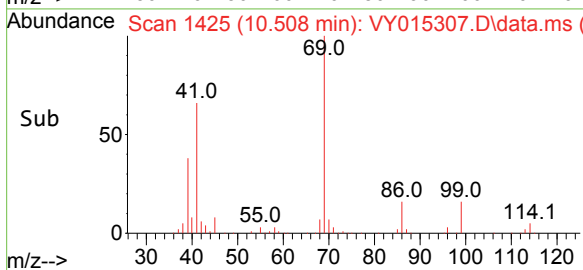
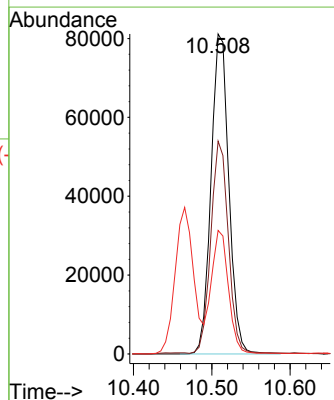
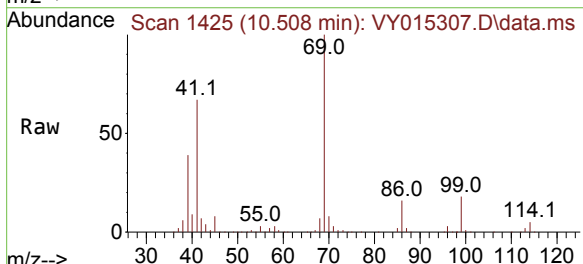
Instrument :
MSVOA_Y
ClientSampleId :

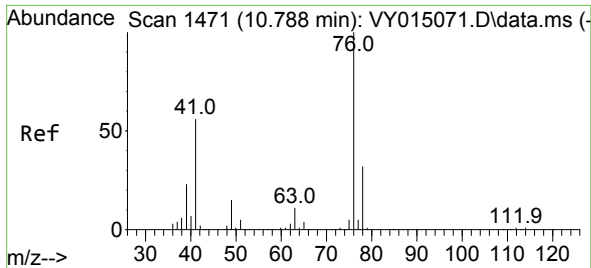
Tgt Ion:	97	Resp:	87182
Ion	Ratio	Lower	Upper
97	100		
83	84.8	72.0	108.0
85	54.3	45.4	68.0
99	61.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 58.029 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion:	69	Resp:	127974
Ion	Ratio	Lower	Upper
69	100		
41	65.2	57.6	86.4
39	36.4	34.1	51.1

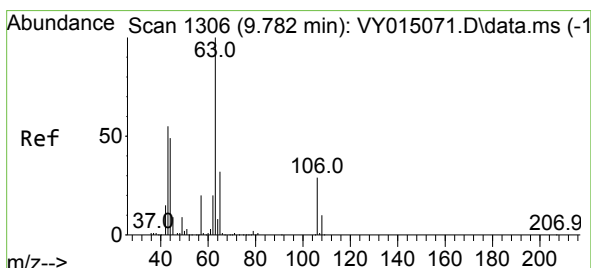
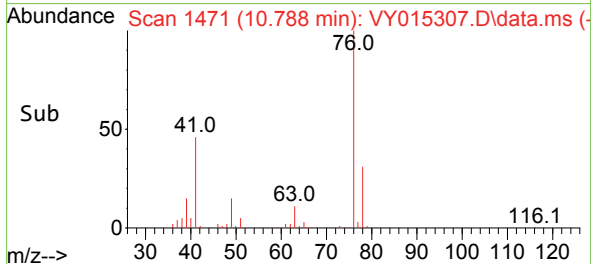
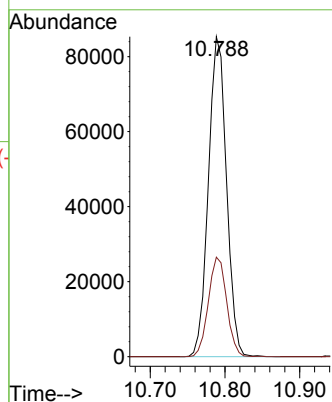
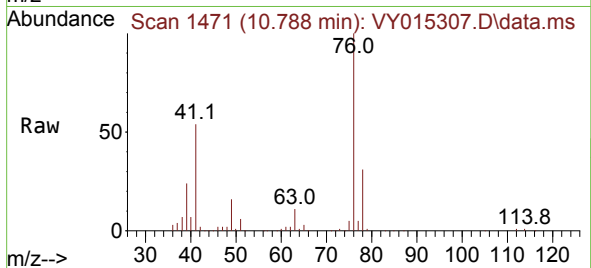




#57
1,3-Dichloropropane
Concen: 58.288 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

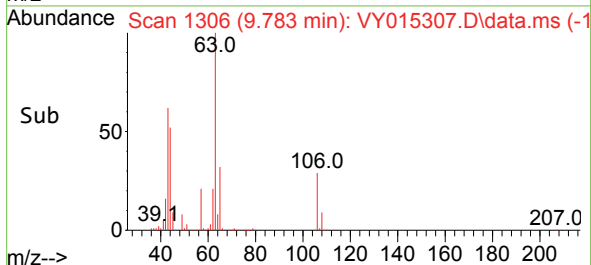
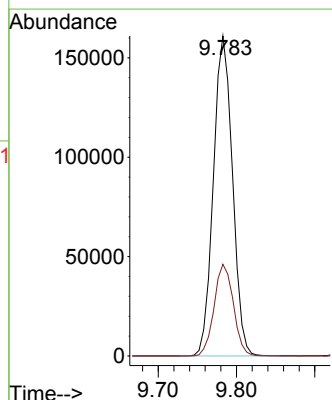
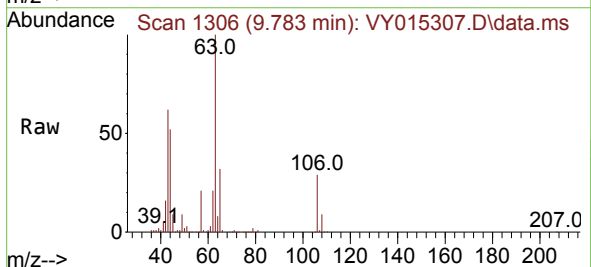
Instrument :
MSVOA_Y
ClientSampleId :

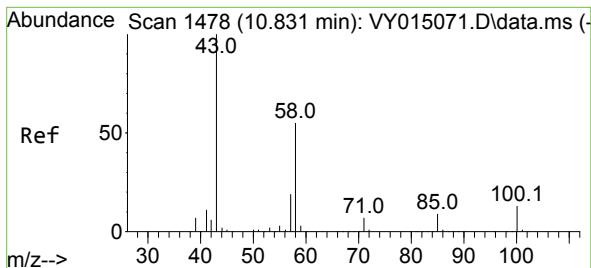
Tgt Ion: 76 Resp: 143503
Ion Ratio Lower Upper
76 100
78 31.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 265.999 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 63 Resp: 273000
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8

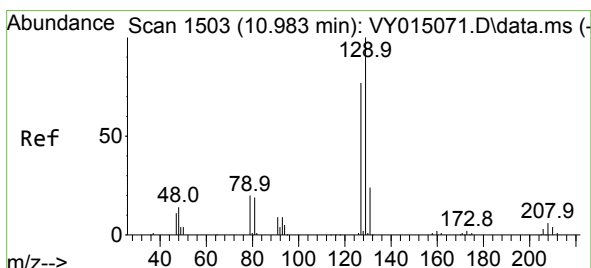
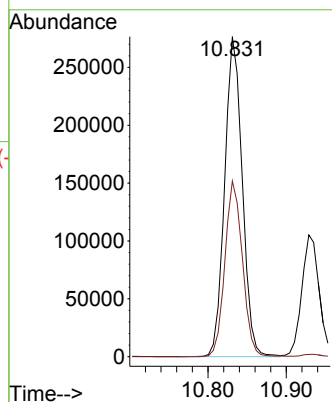
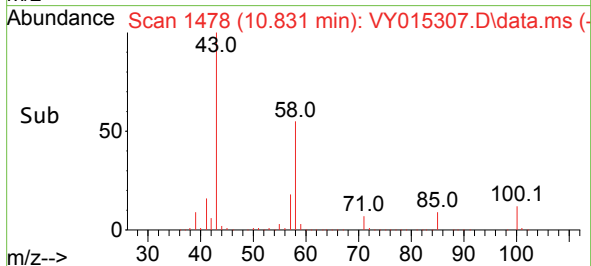
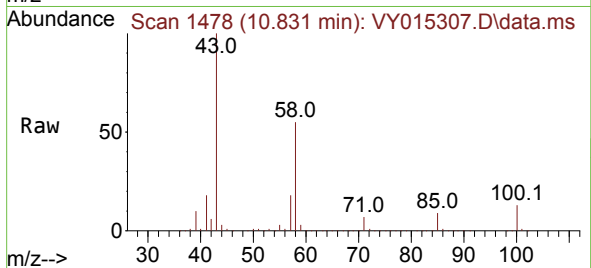




#59
2-Hexanone
Concen: 322.945 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

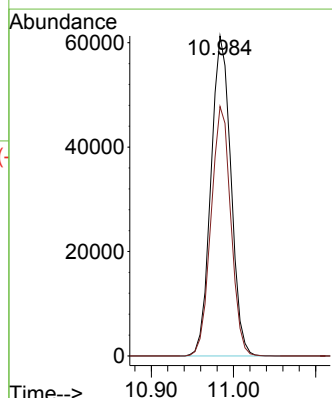
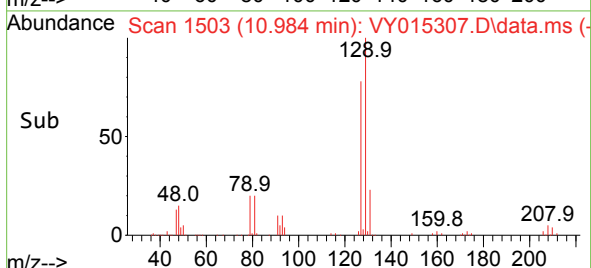
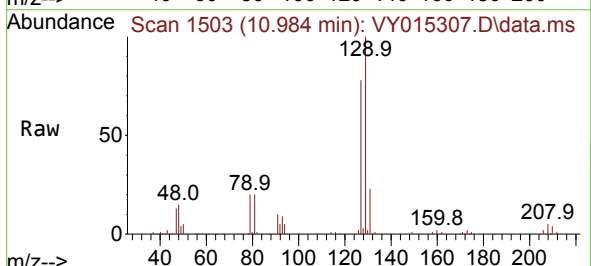
Instrument :
MSVOA_Y
ClientSampleId :

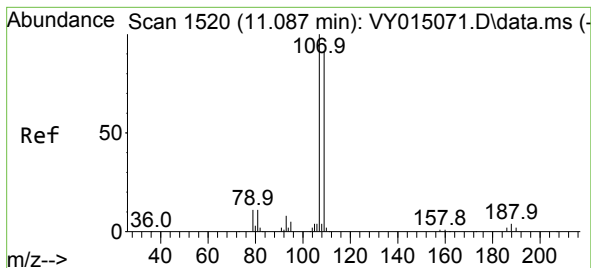
Tgt Ion: 43 Resp: 433385
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3



#60
Dibromochloromethane
Concen: 57.490 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 129 Resp: 103341
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

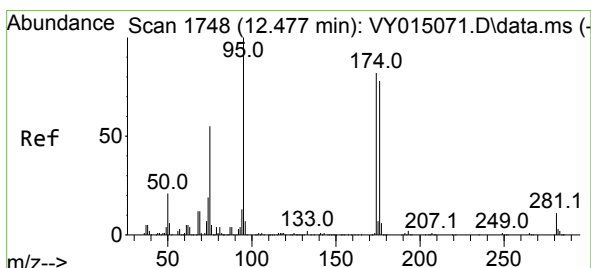
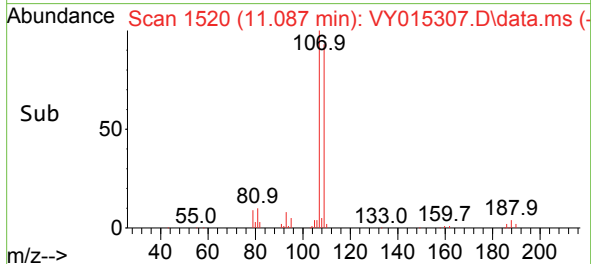
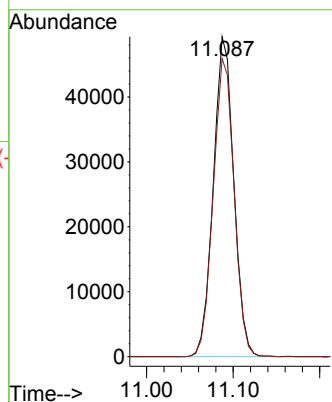
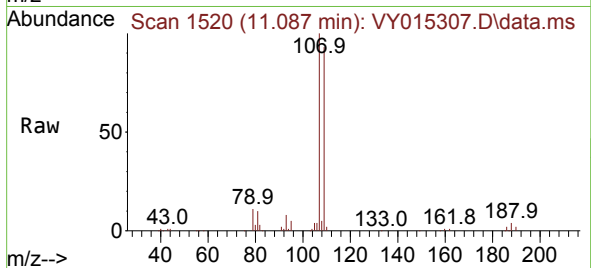




#61
1,2-Dibromoethane
Concen: 56.505 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

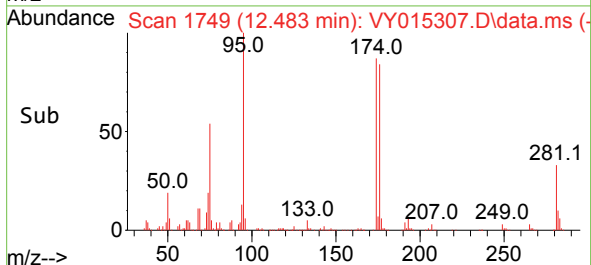
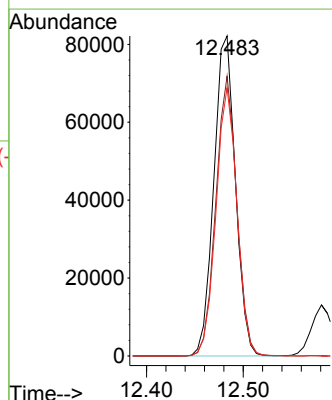
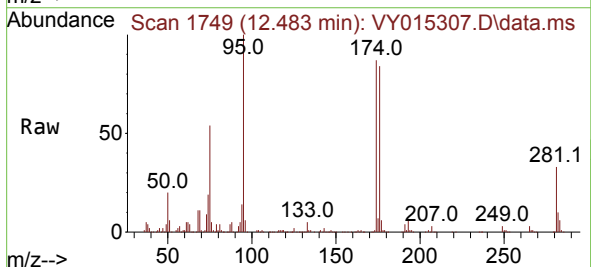
Instrument :
MSVOA_Y
ClientSampleId :

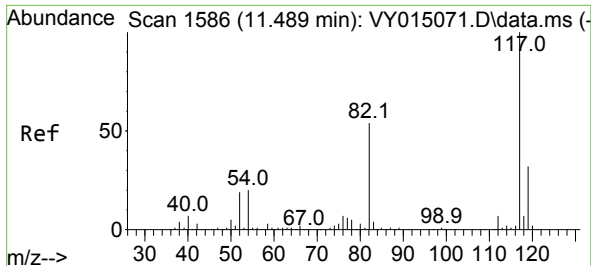
Tgt Ion:107 Resp: 80889
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.167 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 95 Resp: 127230
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.6 0.0 173.8

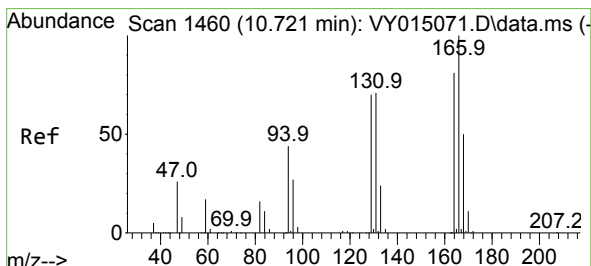
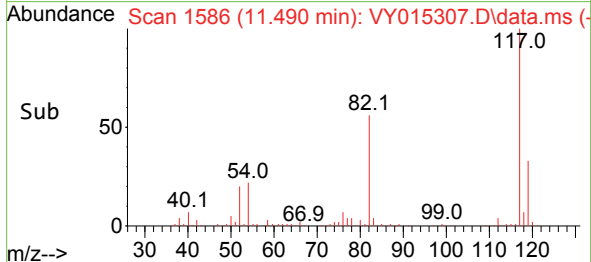
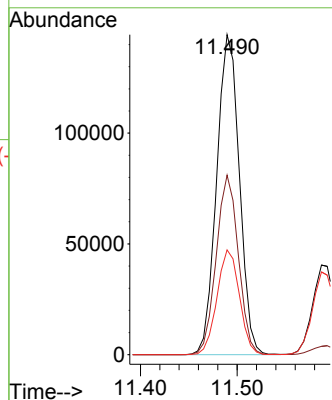
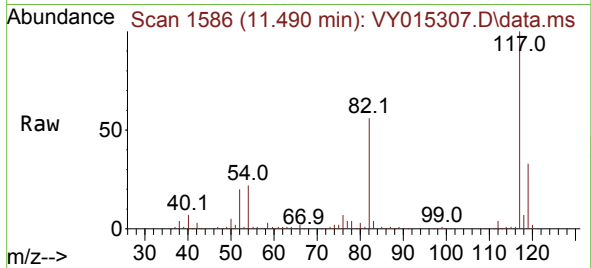




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

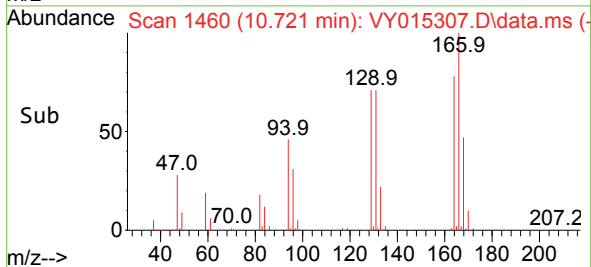
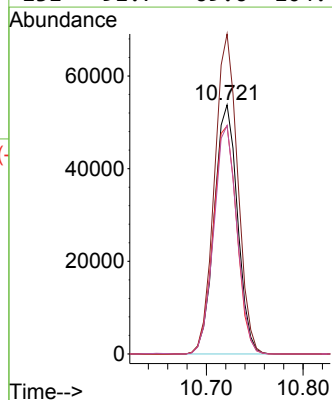
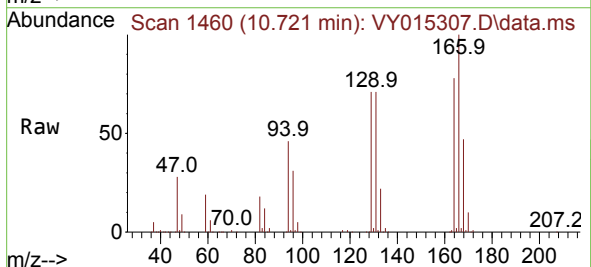
Instrument :
MSVOA_Y
ClientSampleId :

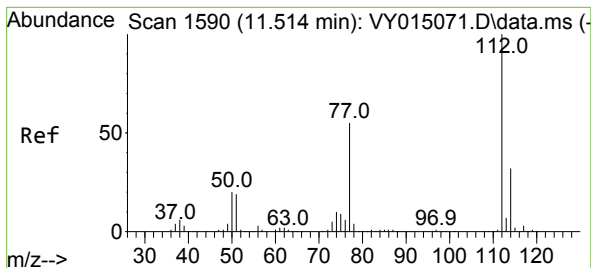
Tgt Ion:117 Resp: 235031
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.0
119 32.8 26.3 39.5



#64
Tetrachloroethene
Concen: 54.792 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion:164 Resp: 89720
Ion Ratio Lower Upper
164 100
166 128.5 103.0 154.6
129 91.6 77.2 115.8
131 91.7 69.6 104.4

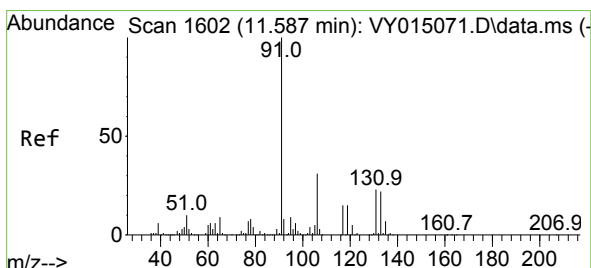
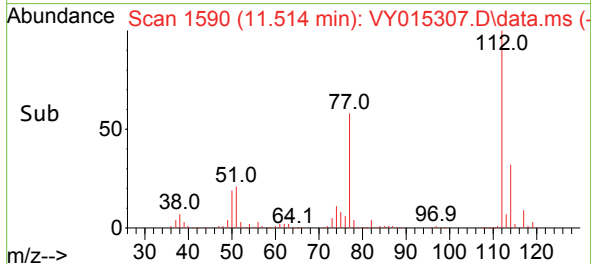
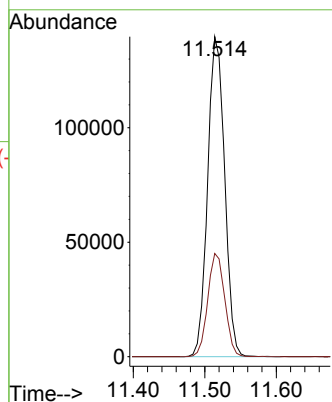
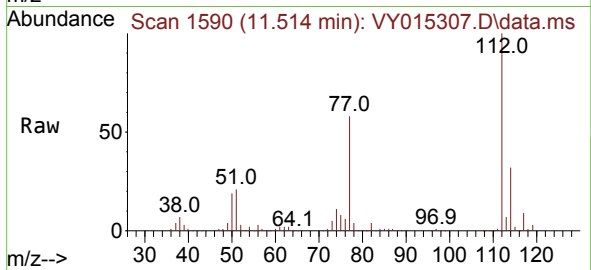




#65
Chlorobenzene
Concen: 53.923 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

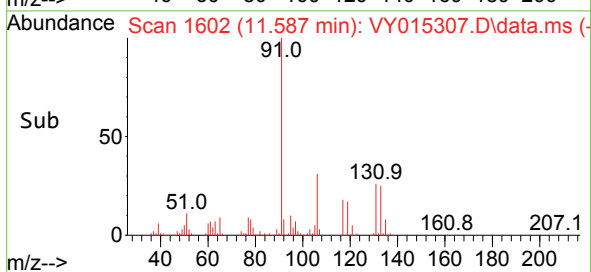
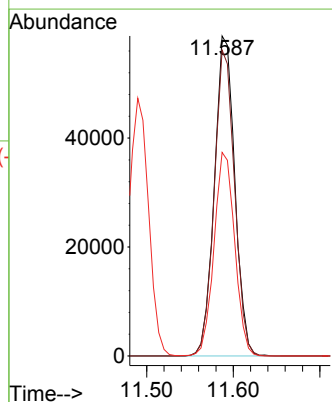
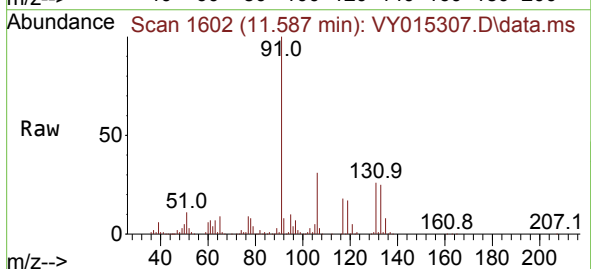
Instrument :
MSVOA_Y
ClientSampleId :

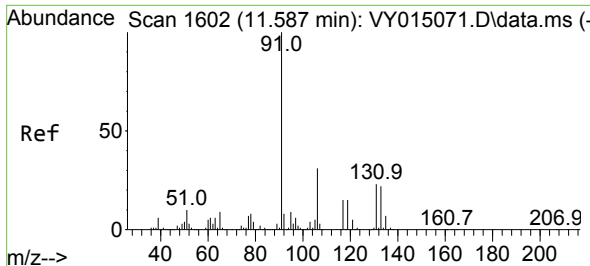
Tgt Ion:112 Resp: 230917
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.311 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion:131 Resp: 96106
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 64.5 31.6 94.7

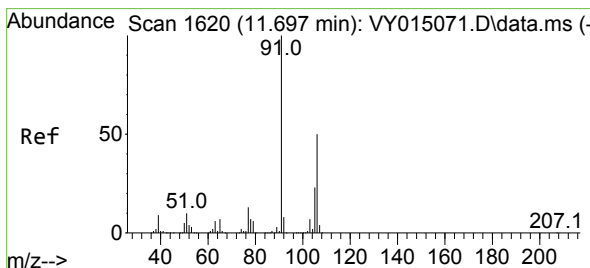
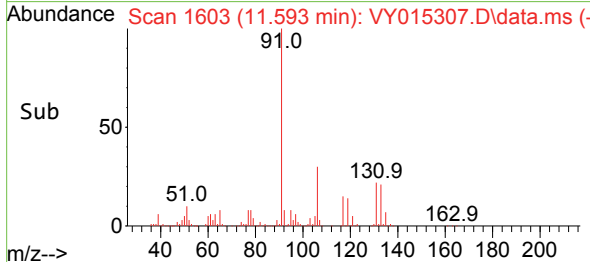
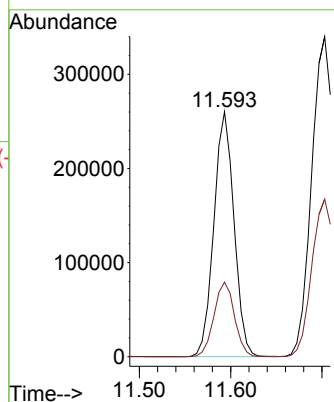
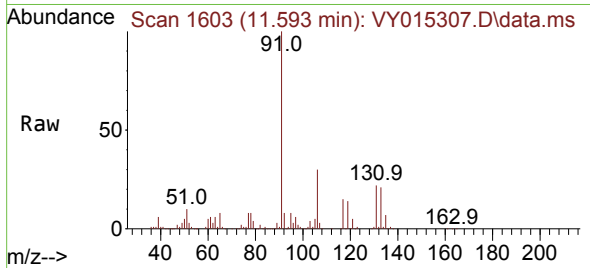




#67
Ethyl Benzene
Concen: 53.000 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

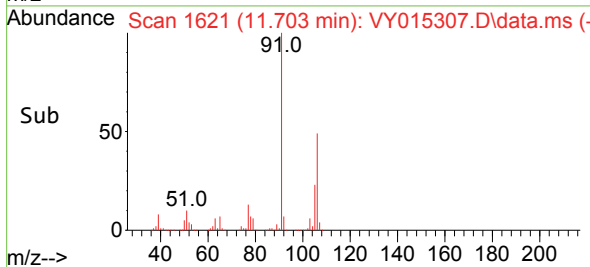
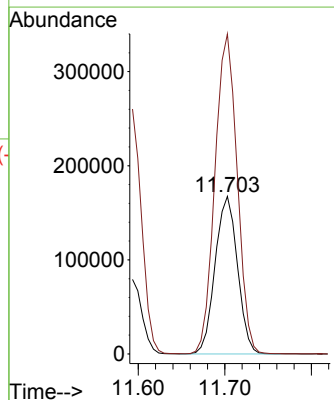
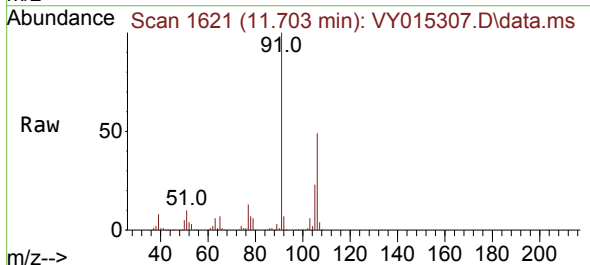
Instrument :
MSVOA_Y
ClientSampleId :

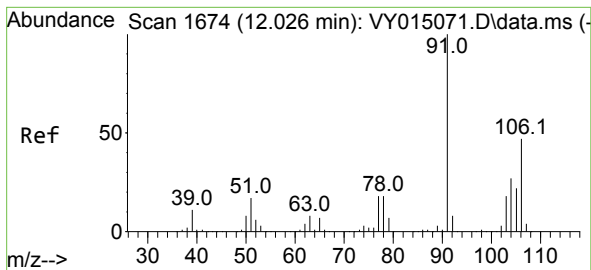
Tgt Ion: 91 Resp: 397660
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 105.483 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion:106 Resp: 300591
Ion Ratio Lower Upper
106 100
91 202.1 166.1 249.1





#69

o-Xylene

Concen: 54.015 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

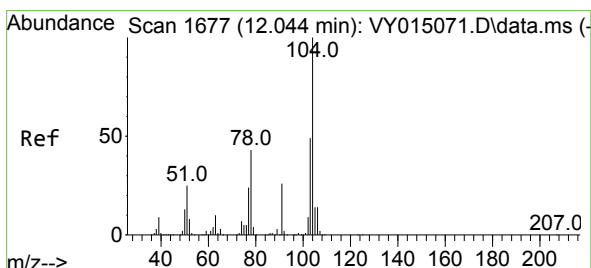
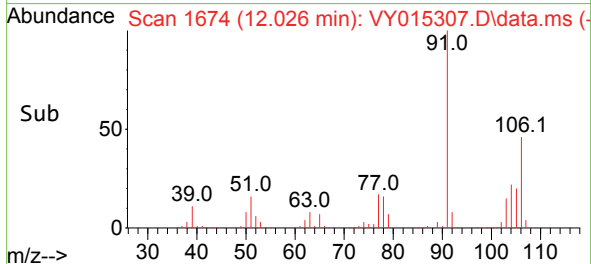
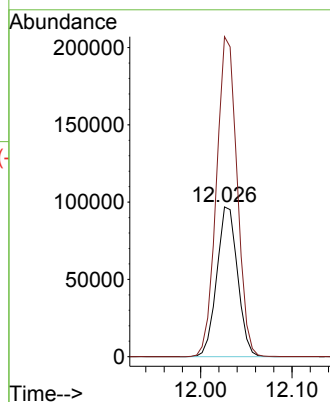
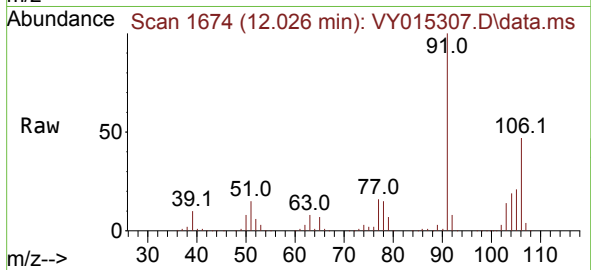
ClientSampleId :

Tgt Ion:106 Resp: 153337

Ion Ratio Lower Upper

106 100

91 211.9 108.1 324.3



#70

Styrene

Concen: 54.913 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

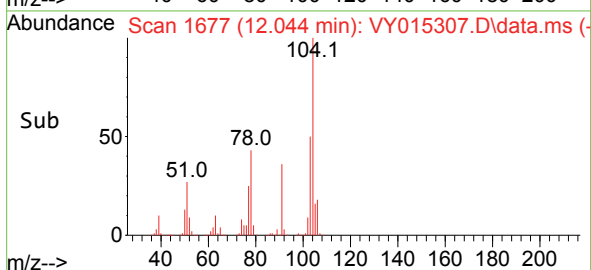
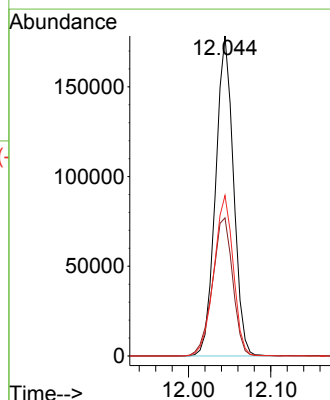
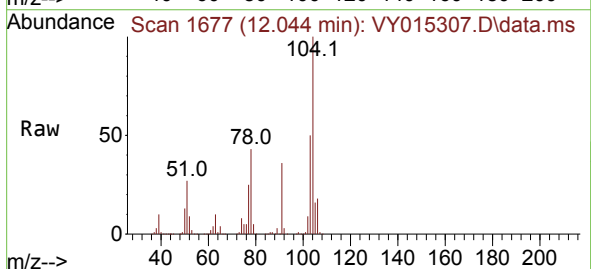
Tgt Ion:104 Resp: 269803

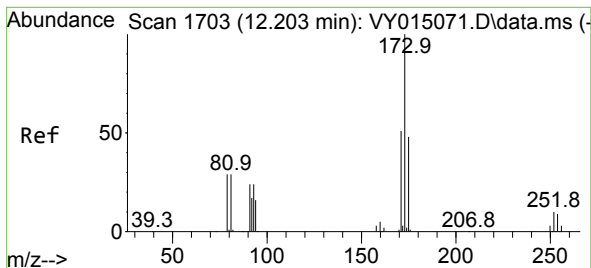
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 57.922 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015307.D

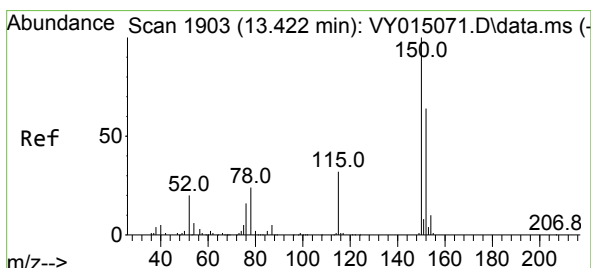
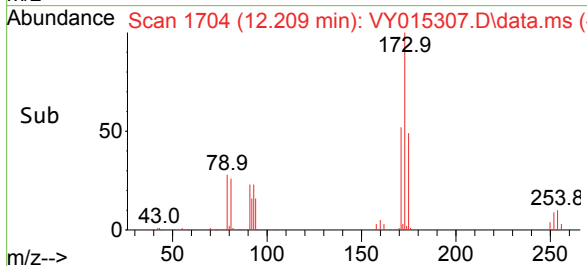
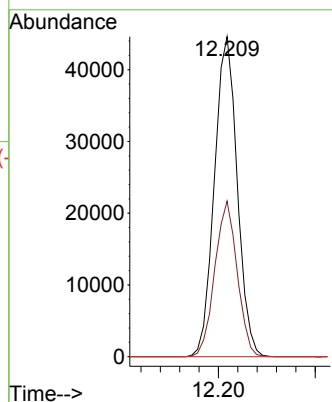
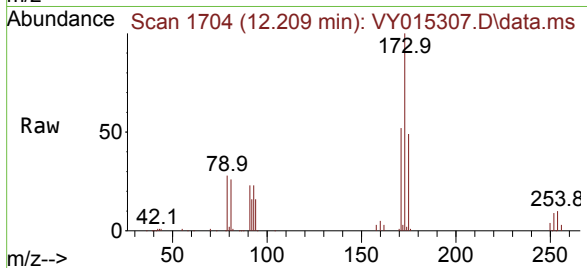
Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	72958
Ion Ratio	Lower	Upper
173	100	
175	47.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

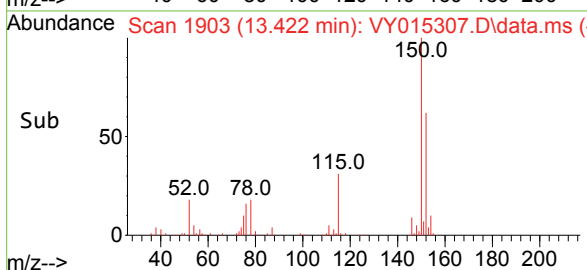
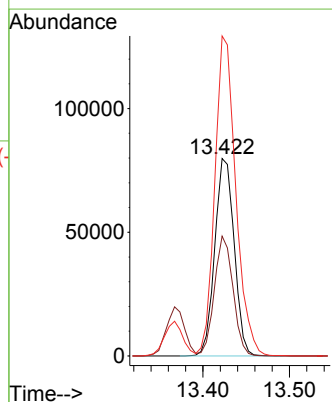
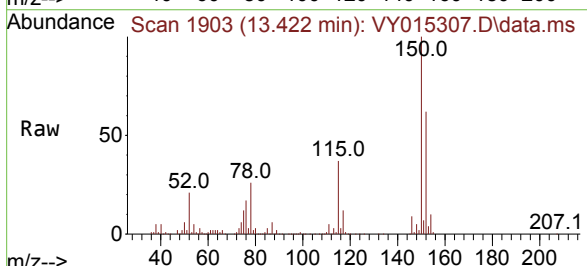
RT: 13.422 min Scan# 1903

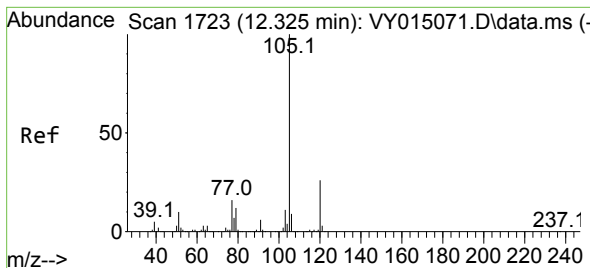
Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Tgt Ion:152	Resp:	124161
Ion Ratio	Lower	Upper
152	100	
115	58.5	28.8 86.5
150	175.0	0.0 348.8





#73

Isopropylbenzene

Concen: 51.650 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

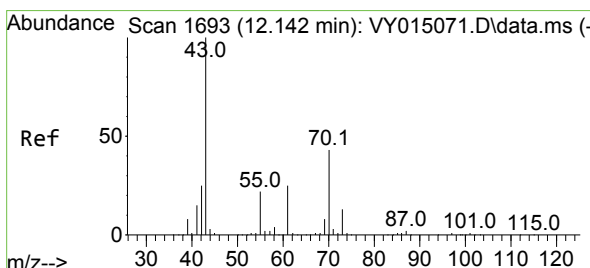
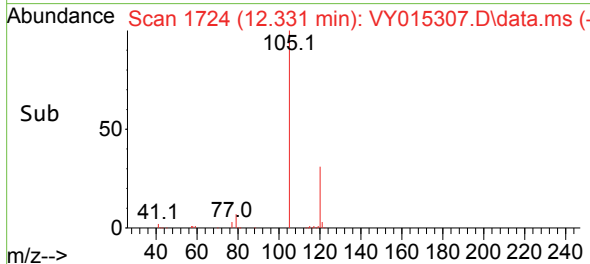
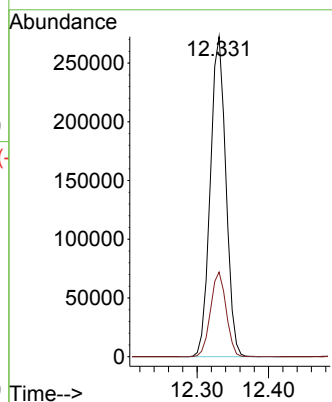
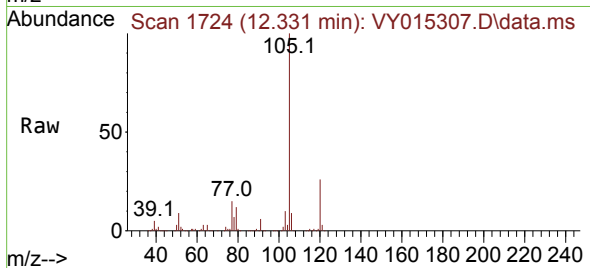
ClientSampleId :

Tgt Ion:105 Resp: 412371

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 57.379 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Tgt Ion: 43 Resp: 165402

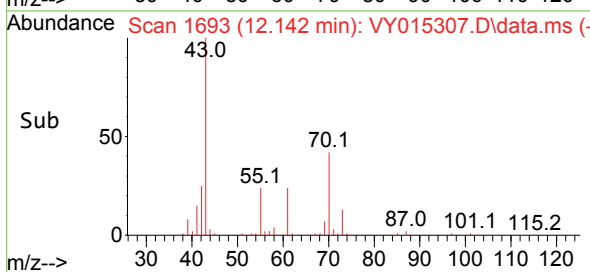
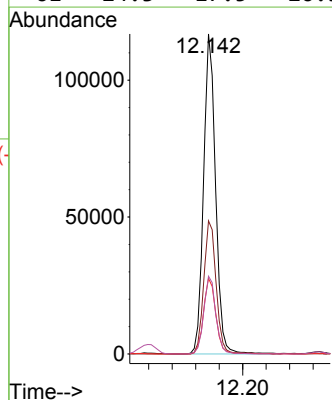
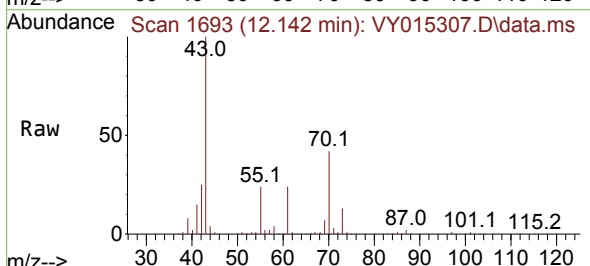
Ion Ratio Lower Upper

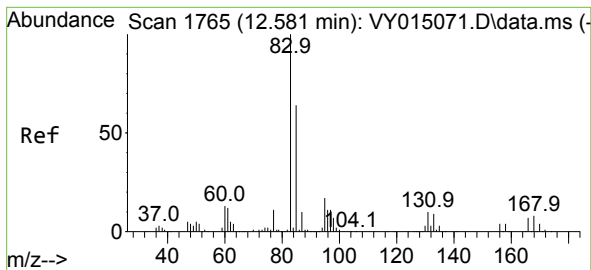
43 100

70 42.9 29.7 44.5

55 24.2 18.3 27.5

61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 59.715 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

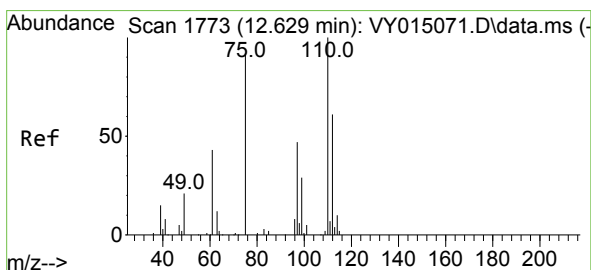
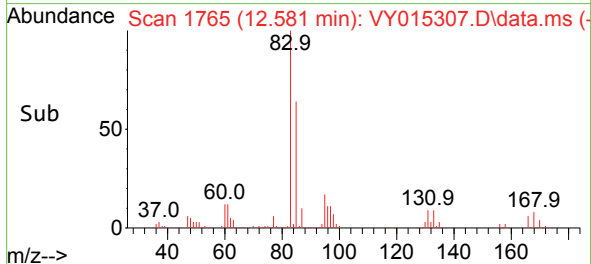
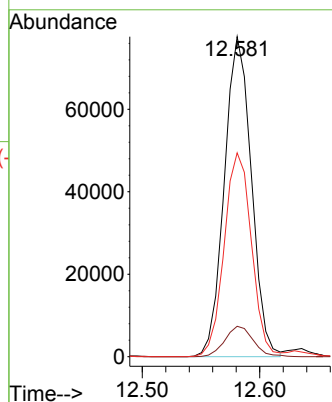
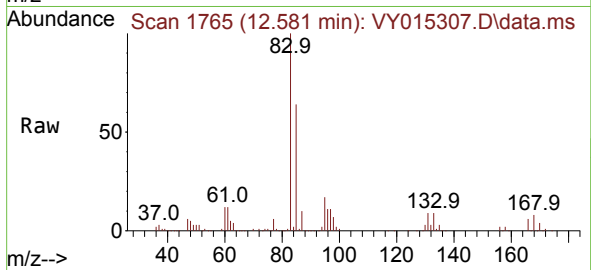
Tgt Ion: 83 Resp: 124170

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 103.360 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015307.D

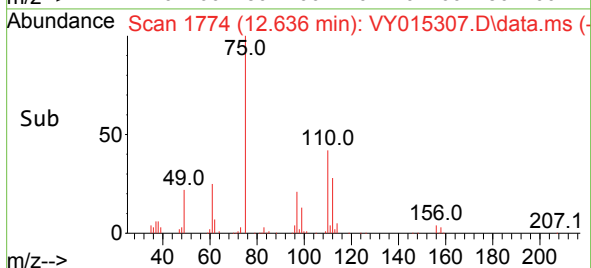
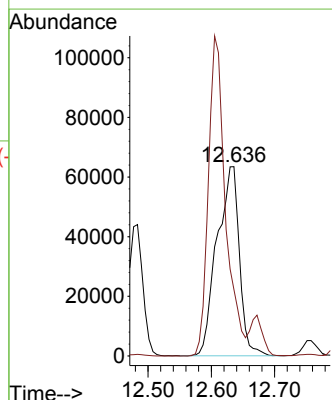
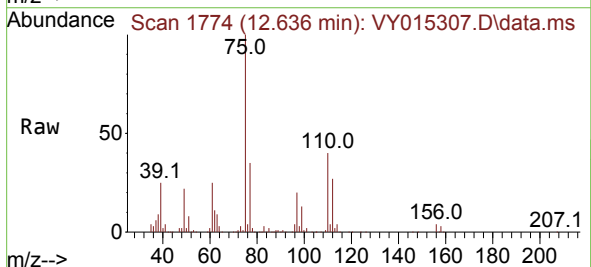
Acq: 24 Aug 2023 12:06

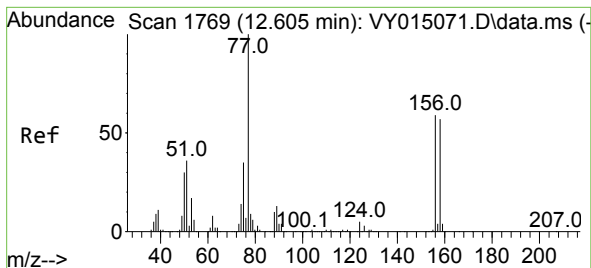
Tgt Ion: 75 Resp: 155915

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.522 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

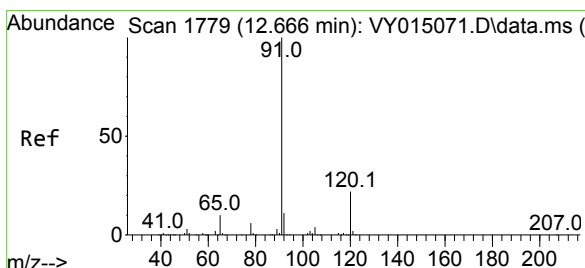
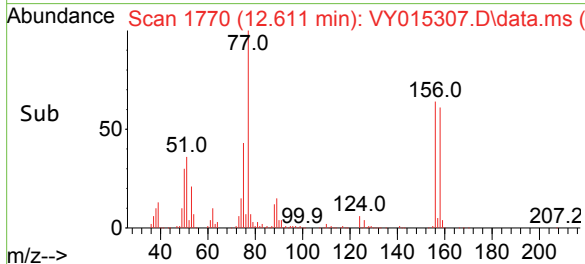
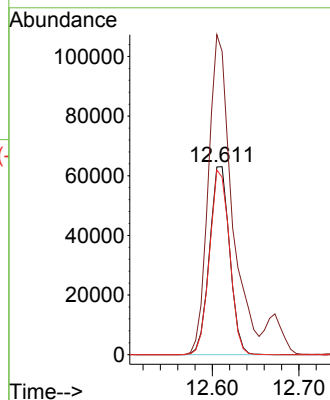
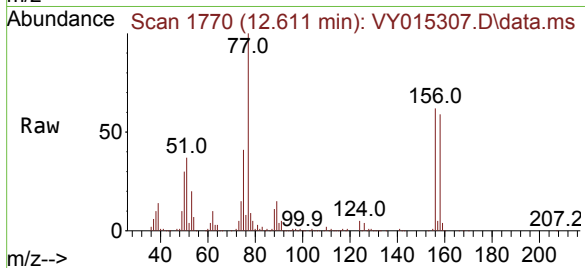
Tgt Ion:156 Resp: 102214

Ion Ratio Lower Upper

156 100

77 198.0 92.8 278.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 52.120 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015307.D

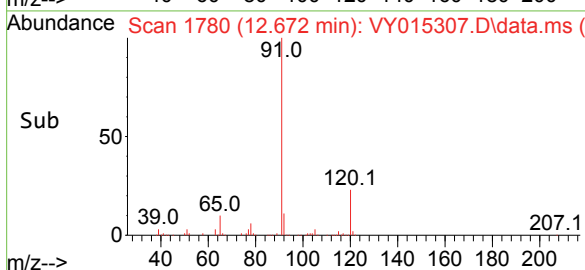
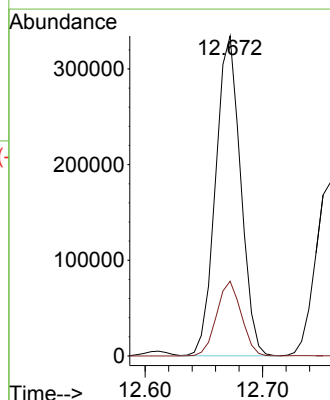
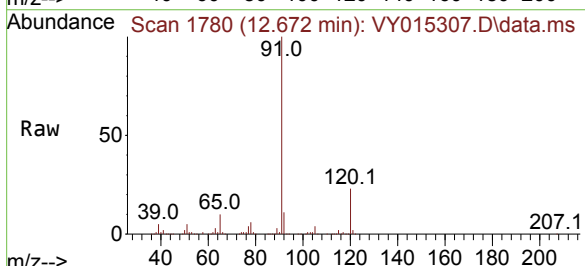
Acq: 24 Aug 2023 12:06

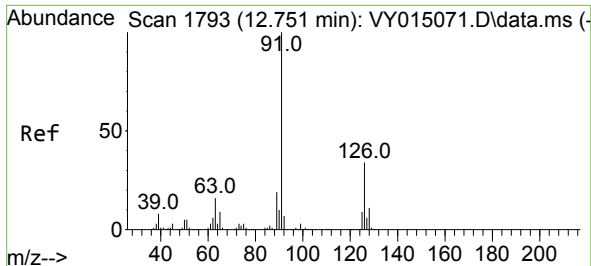
Tgt Ion: 91 Resp: 494146

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

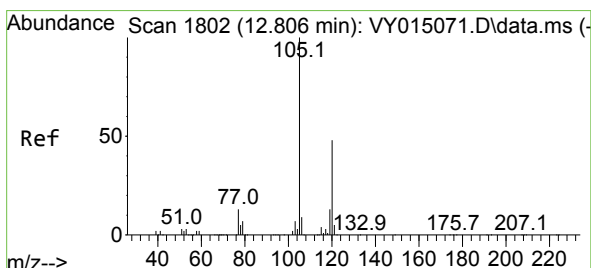
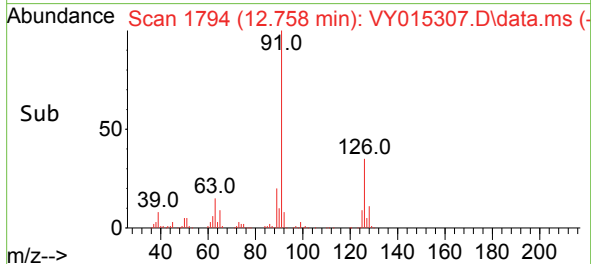
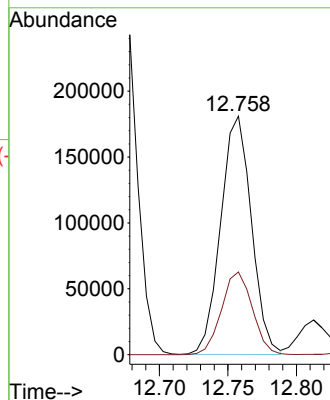
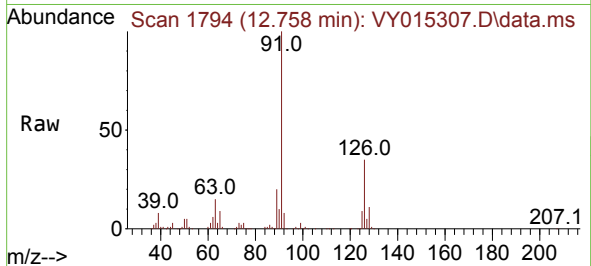




#79
2-Chlorotoluene
Concen: 51.705 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

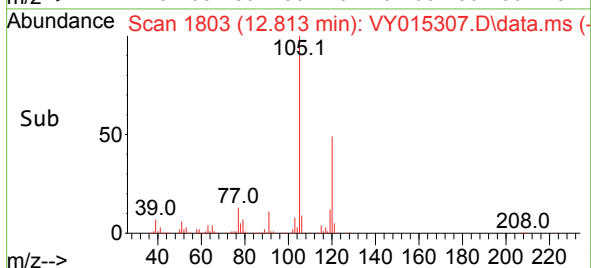
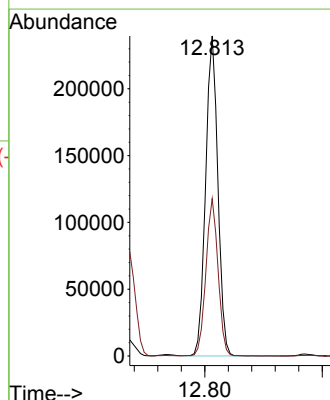
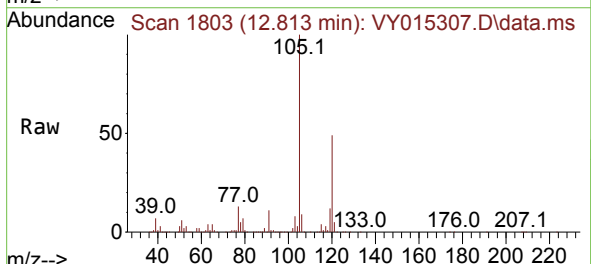
Instrument :
MSVOA_Y
ClientSampleId :

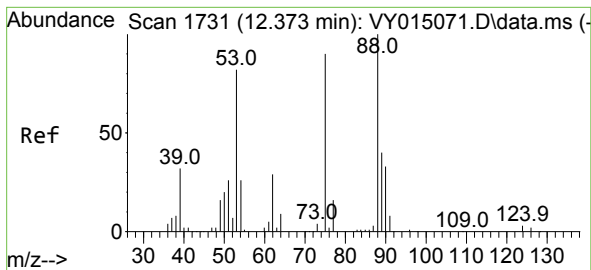
Tgt Ion: 91 Resp: 282789
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.945 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 105 Resp: 345703
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

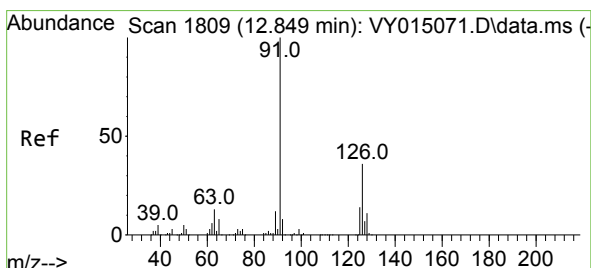
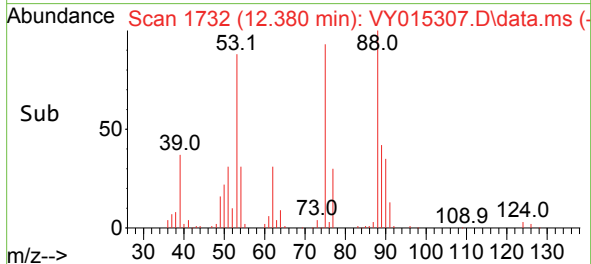
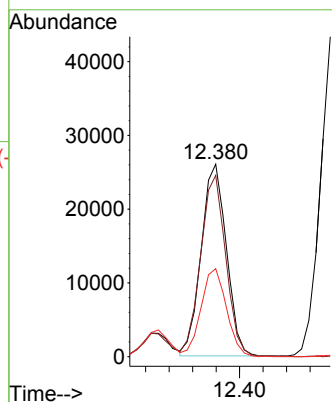
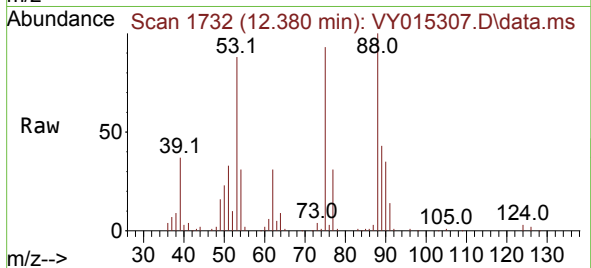




#81
trans-1,4-Dichloro-2-butene
Concen: 56.338 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

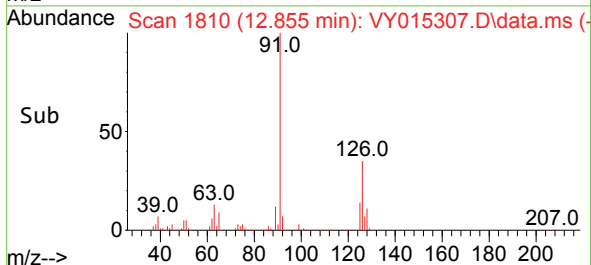
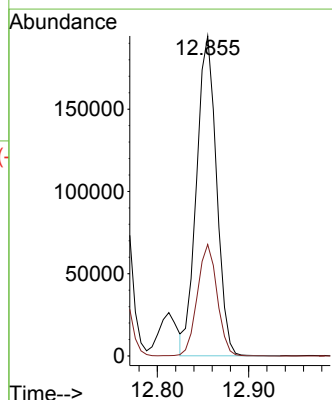
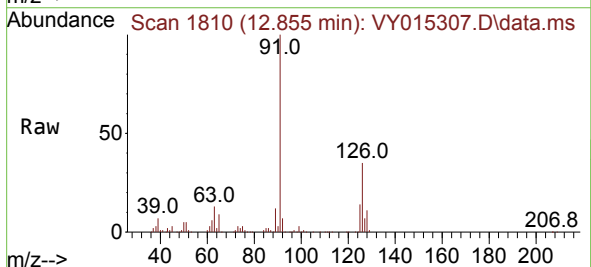
Instrument :
MSVOA_Y
ClientSampleId :

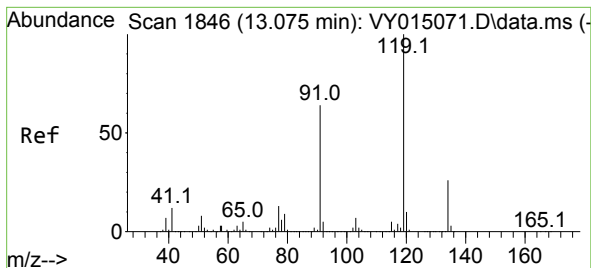
Tgt Ion: 75 Resp: 38691
Ion Ratio Lower Upper
75 100
53 95.2 77.8 116.8
89 46.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.210 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015307.D
Acq: 24 Aug 2023 12:06

Tgt Ion: 91 Resp: 295013
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.535 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

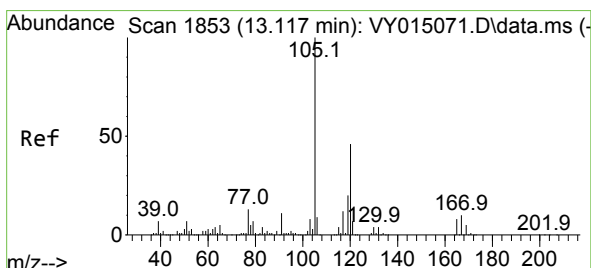
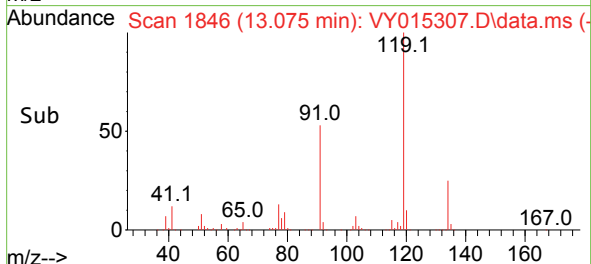
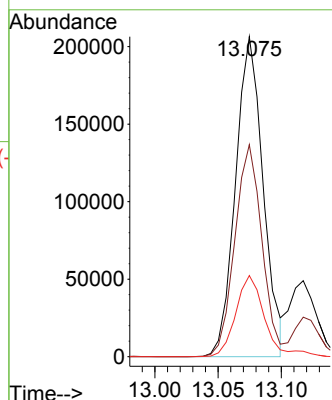
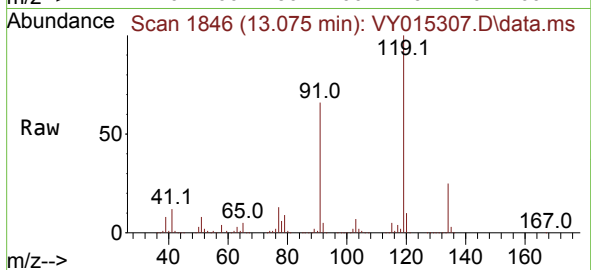
Tgt Ion:119 Resp: 313712

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.962 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015307.D

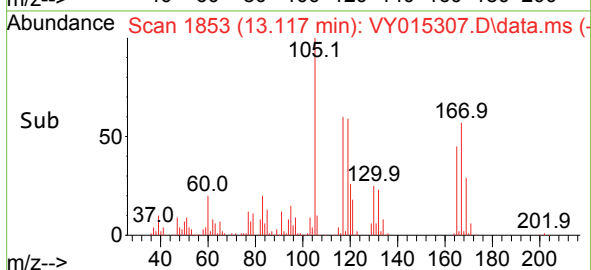
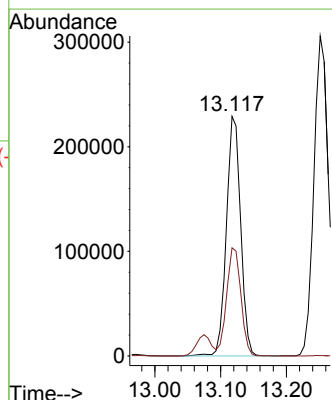
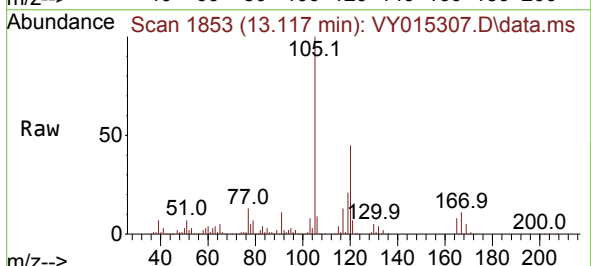
Acq: 24 Aug 2023 12:06

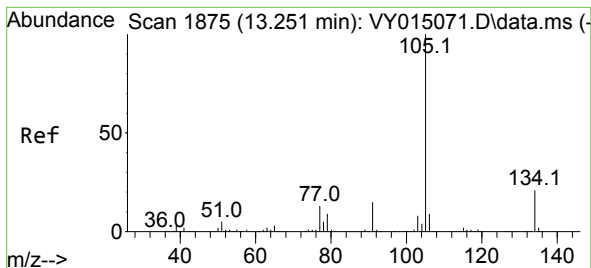
Tgt Ion:105 Resp: 345559

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.256 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

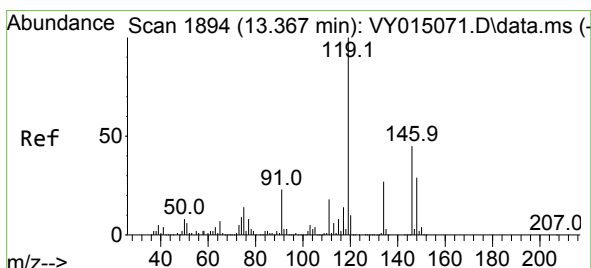
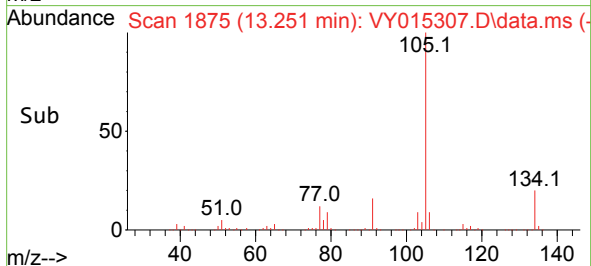
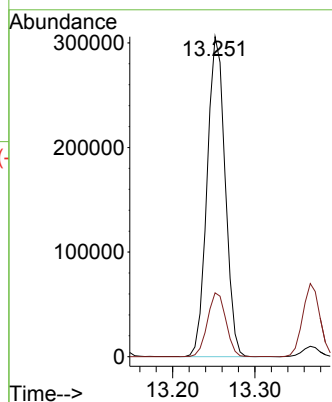
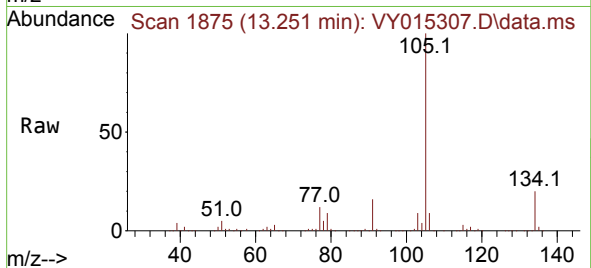
ClientSampleId :

Tgt Ion:105 Resp: 466083

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.043 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

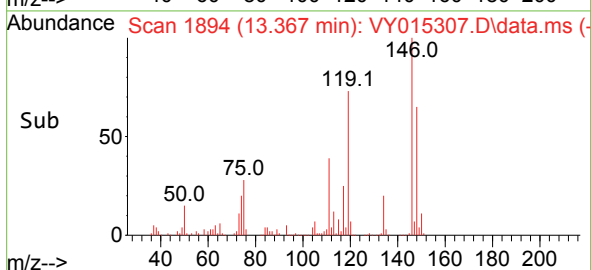
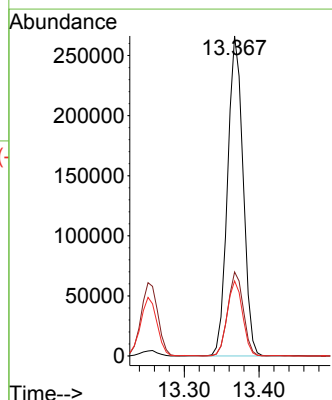
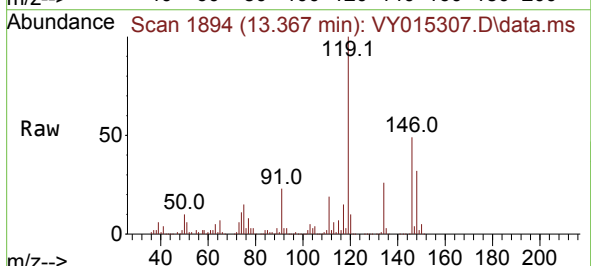
Tgt Ion:119 Resp: 384849

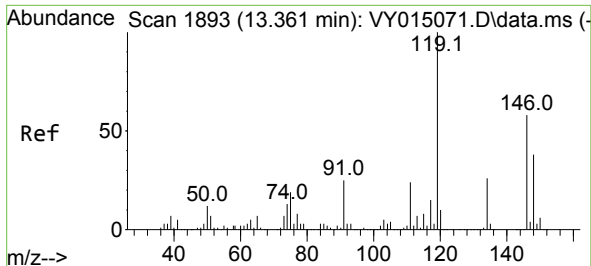
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.233 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

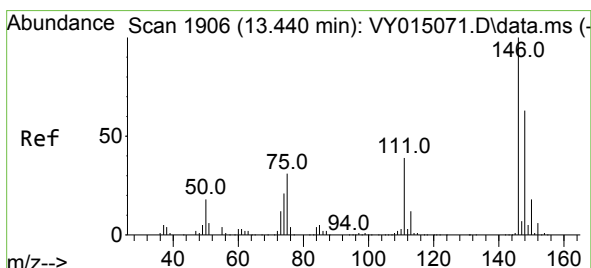
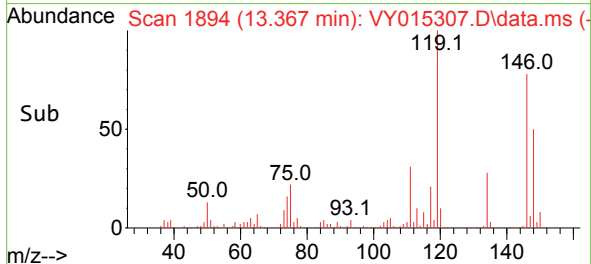
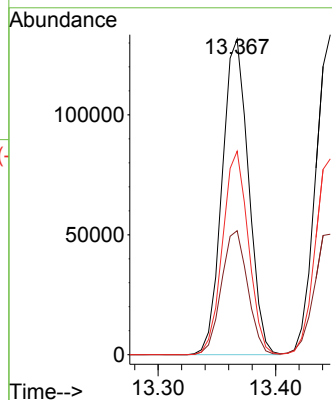
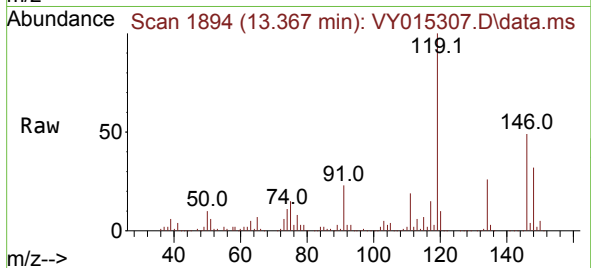
Tgt Ion:146 Resp: 205479

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.145 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

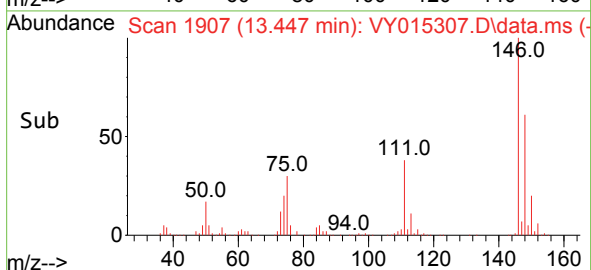
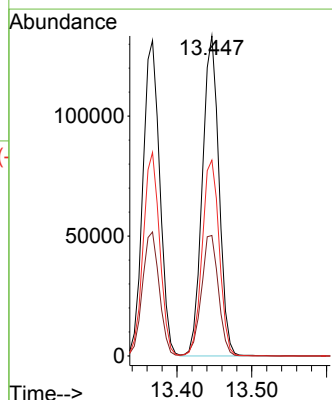
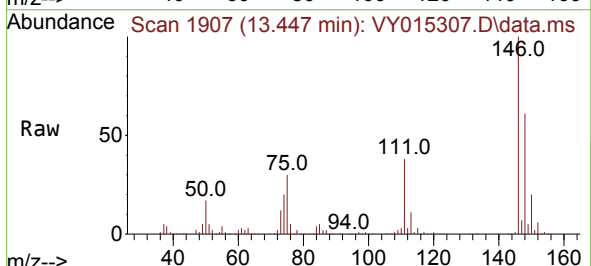
Tgt Ion:146 Resp: 205754

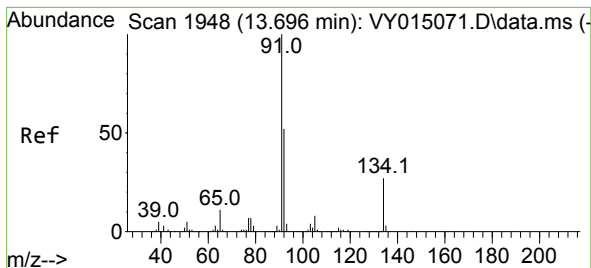
Ion Ratio Lower Upper

146 100

111 39.0 18.9 56.7

148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 53.049 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

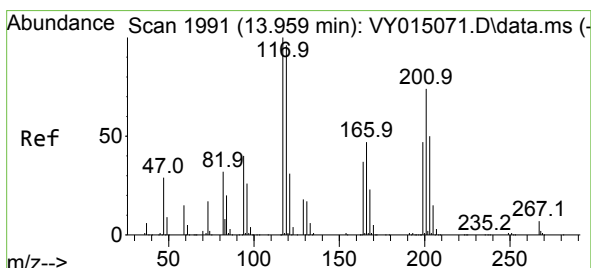
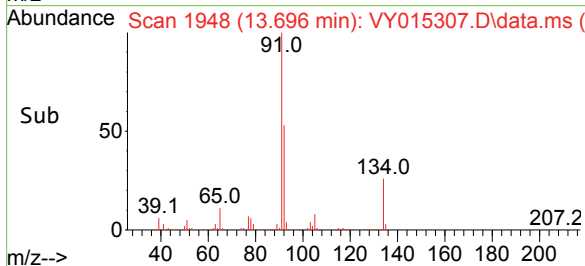
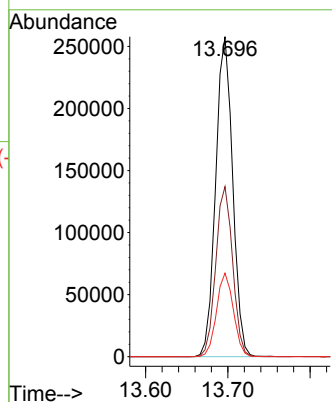
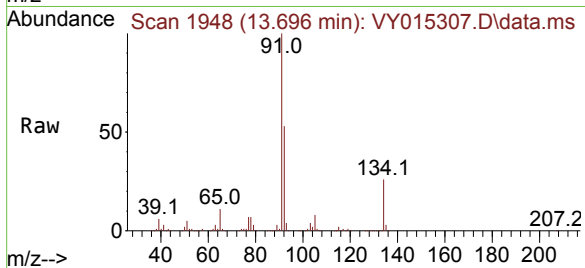
Tgt Ion: 91 Resp: 369876

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 51.068 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015307.D

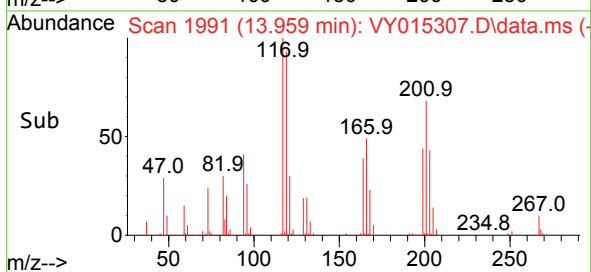
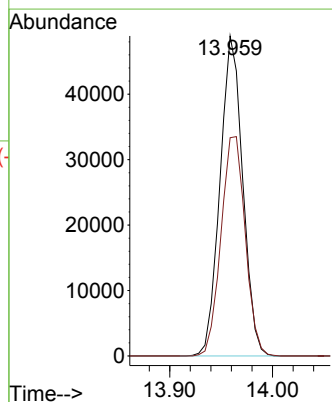
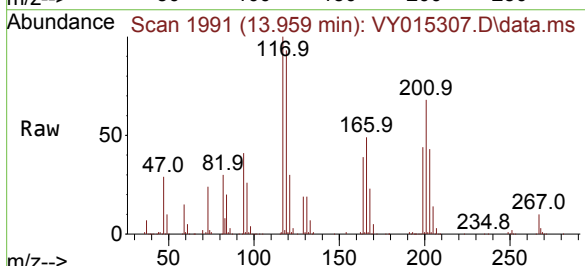
Acq: 24 Aug 2023 12:06

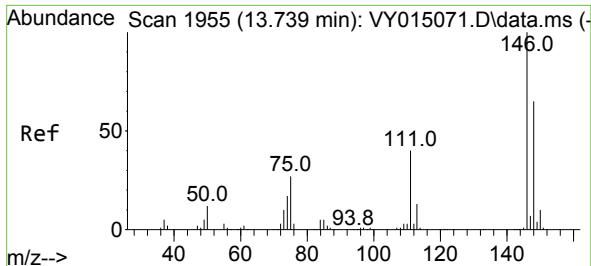
Tgt Ion: 117 Resp: 74918

Ion Ratio Lower Upper

117 100

201 73.2 41.6 124.8

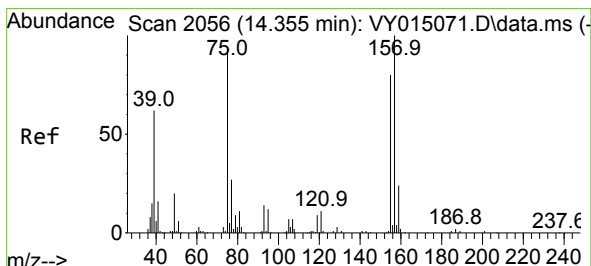
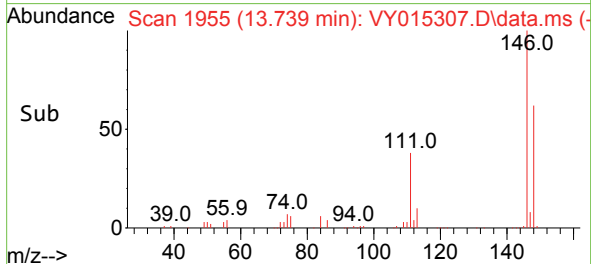
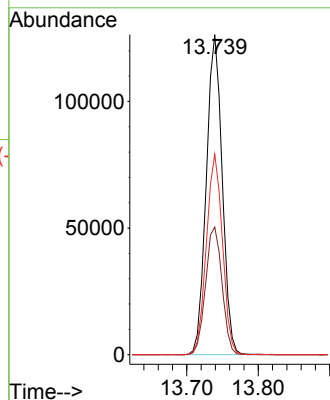
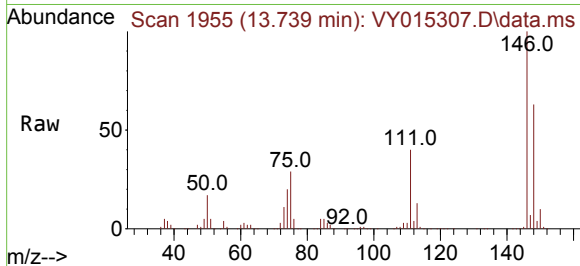




#91
 1,2-Dichlorobenzene
 Concen: 54.116 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015307.D
 Acq: 24 Aug 2023 12:06

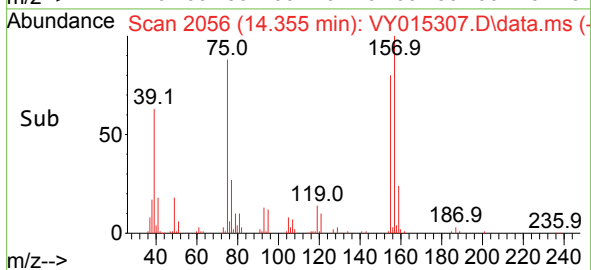
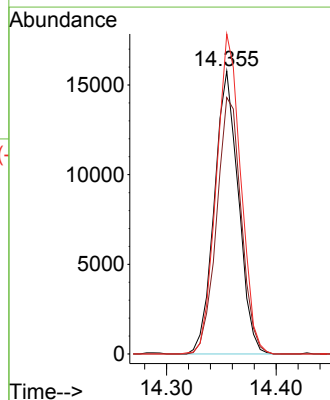
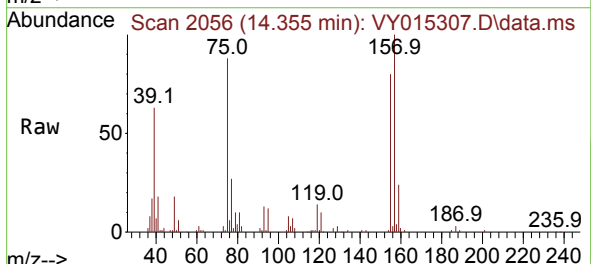
Instrument :
 MSVOA_Y
 ClientSampleId :

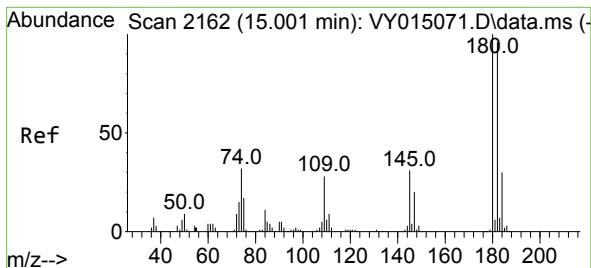
Tgt Ion:146 Resp: 195140
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.7 59.0
 148 63.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.765 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015307.D
 Acq: 24 Aug 2023 12:06

Tgt Ion: 75 Resp: 24074
 Ion Ratio Lower Upper
 75 100
 155 92.5 41.5 124.6
 157 114.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.126 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

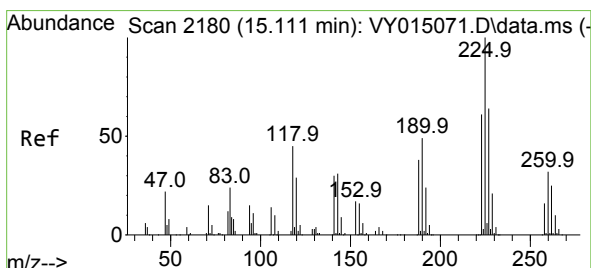
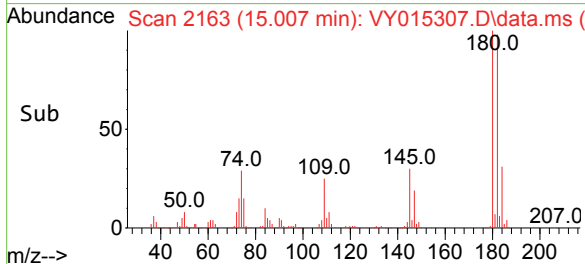
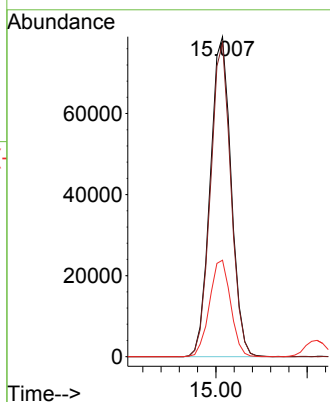
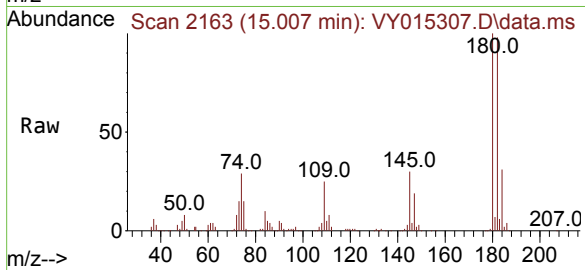
Tgt Ion:180 Resp: 125302

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.641 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

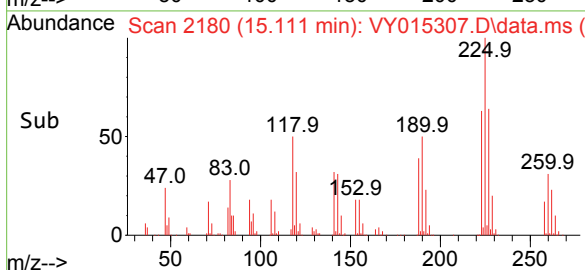
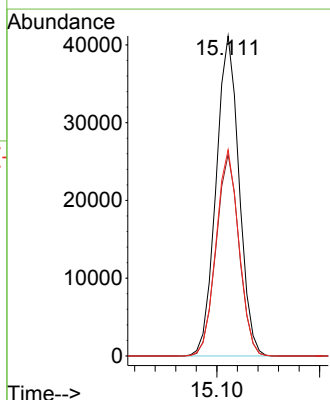
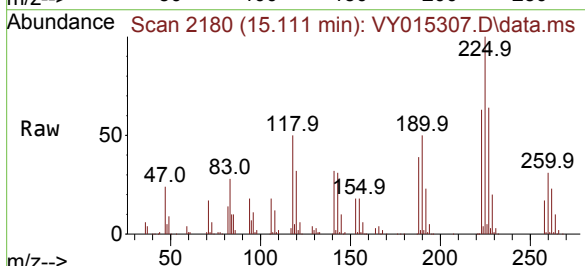
Tgt Ion:225 Resp: 63770

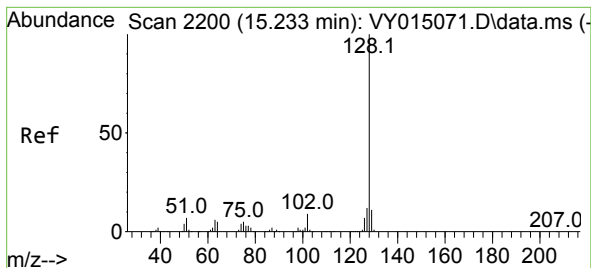
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 58.316 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

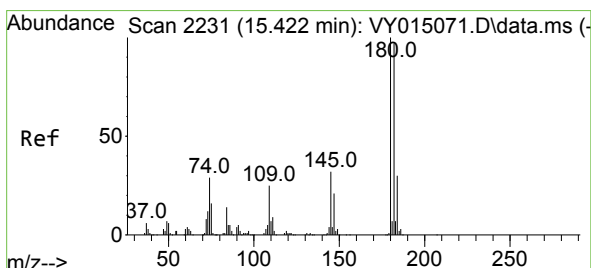
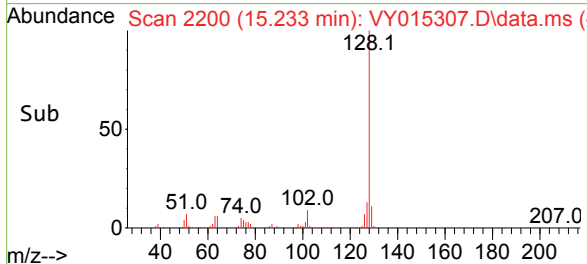
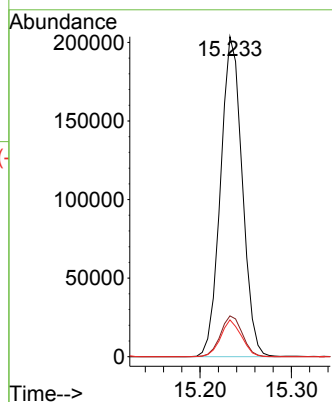
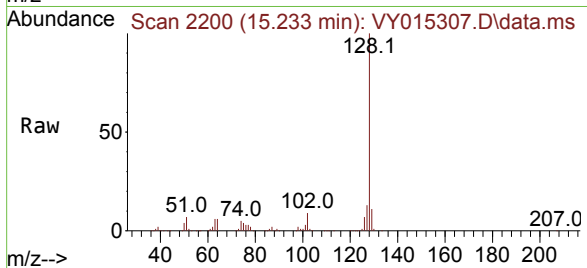
Tgt Ion:128 Resp: 336297

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.371 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015307.D

Acq: 24 Aug 2023 12:06

Tgt Ion:180 Resp: 117856

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 31.9 15.4 46.2

