

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015506.D
 Acq On : 12 Sep 2023 13:12
 Operator : SY/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:52:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	186705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	275570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90836	45.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.710	113	84375	47.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.179	98	292541	45.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.780%
62) 4-Bromofluorobenzene	12.477	95	111643	47.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23861	14.702	ug/l	95
3) Chloromethane	2.113	50	30862	14.319	ug/l	99
4) Vinyl Chloride	2.247	62	37099	14.788	ug/l	99
5) Bromomethane	2.619	94	31639	17.724	ug/l	94
6) Chloroethane	2.778	64	26457	16.044	ug/l	96
7) Trichlorofluoromethane	3.107	101	59649	16.809	ug/l	97
8) Diethyl Ether	3.521	74	21787	17.965	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	34584	17.583	ug/l	95
10) Methyl Iodide	4.082	142	32108	13.901	ug/l	98
11) Tert butyl alcohol	4.936	59	78819	169.950	ug/l #	96
12) 1,1-Dichloroethene	3.863	96	30350	16.353	ug/l	89
13) Acrolein	3.716	56	21677	48.815	ug/l	99
14) Allyl chloride	4.472	41	51036	17.271	ug/l	97
15) Acrylonitrile	5.155	53	68016	89.127	ug/l	99
16) Acetone	3.942	43	78136	93.532	ug/l	91
17) Carbon Disulfide	4.180	76	65440	11.794	ug/l	98
18) Methyl Acetate	4.472	43	52121	17.225	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	113638	18.839	ug/l	99
20) Methylene Chloride	4.704	84	79359	26.161	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	35647	16.679	ug/l	94
22) Diisopropyl ether	6.112	45	121100	18.738	ug/l	94
23) Vinyl Acetate	6.051	43	363941	89.190	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	69694	18.655	ug/l	98
25) 2-Butanone	6.978	43	110036	92.868	ug/l	93
26) 2,2-Dichloropropane	6.972	77	63621	20.050	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	45604	18.809	ug/l	94
28) Bromochloromethane	7.326	49	16622	14.509	ug/l	94
29) Tetrahydrofuran	7.338	42	63151	84.873	ug/l	92
30) Chloroform	7.502	83	75826	19.307	ug/l	97
31) Cyclohexane	7.783	56	54575	15.351	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	65936	18.796	ug/l	99
36) 1,1-Dichloropropene	7.911	75	53236	17.222	ug/l	99
37) Ethyl Acetate	7.069	43	41559	17.432	ug/l	96
38) Carbon Tetrachloride	7.893	117	58547	18.338	ug/l	96
39) Methylcyclohexane	9.179	83	60332	15.503	ug/l	92
40) Benzene	8.155	78	155546	18.036	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	58303	52.150	ug/l #	29
42) 1,2-Dichloroethane	8.228	62	53198	18.498	ug/l	95
43) Isopropyl Acetate	8.271	43	73889	17.923	ug/l	98
44) Trichloroethene	8.935	130	45919	18.818	ug/l	98
45) 1,2-Dichloropropane	9.209	63	40638	18.692	ug/l	96
46) Dibromomethane	9.301	93	26271	18.191	ug/l	98
47) Bromodichloromethane	9.496	83	60135	19.471	ug/l	100
48) Methyl methacrylate	9.289	41	32492	17.178	ug/l	93
49) 1,4-Dioxane	9.295	88	9017	336.145	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	214998	89.727	ug/l	95
52) Toluene	10.240	92	103773	18.773	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	61787	18.825	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	67610	18.936	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	37727	19.388	ug/l	96
56) Ethyl methacrylate	10.508	69	54357	18.850	ug/l	88
57) 1,3-Dichloropropane	10.788	76	64266	19.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	86805	84.338	ug/l	93
59) 2-Hexanone	10.831	43	160794	89.432	ug/l	90
60) Dibromochloromethane	10.983	129	45331	19.903	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36496	18.510	ug/l	100
64) Tetrachloroethene	10.715	164	49663	19.855	ug/l	97
65) Chlorobenzene	11.514	112	115869	19.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43814	20.159	ug/l	98
67) Ethyl Benzene	11.593	91	203560	19.091	ug/l	97
68) m/p-Xylenes	11.697	106	158640	38.383	ug/l	94
69) o-Xylene	12.026	106	76884	19.465	ug/l	97
70) Styrene	12.044	104	130267	19.614	ug/l	97
71) Bromoform	12.203	173	30026	19.804	ug/l #	98
73) Isopropylbenzene	12.325	105	204460	19.372	ug/l	99
74) N-amyl acetate	12.142	43	64752	18.261	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	47226	18.744	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	64018	34.356	ug/l #	100
77) Bromobenzene	12.605	156	49485	19.796	ug/l	99
78) n-propylbenzene	12.666	91	245173	19.197	ug/l	99
79) 2-Chlorotoluene	12.758	91	138027	19.269	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	170936	19.362	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	15502	18.351	ug/l	99
82) 4-Chlorotoluene	12.849	91	145628	19.561	ug/l	99
83) tert-Butylbenzene	13.075	119	151730	19.623	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	170517	19.453	ug/l	98
85) sec-Butylbenzene	13.251	105	223916	19.415	ug/l	100
86) p-Isopropyltoluene	13.367	119	188238	19.474	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	97675	19.792	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	98874	19.820	ug/l	99
89) n-Butylbenzene	13.696	91	174968	19.232	ug/l	97
90) Hexachloroethane	13.959	117	34776	20.116	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	91061	20.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9594	19.249	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	56817	20.088	ug/l	99
94) Hexachlorobutadiene	15.111	225	29225	18.949	ug/l	100
95) Naphthalene	15.233	128	133707	19.084	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51520	19.970	ug/l	99

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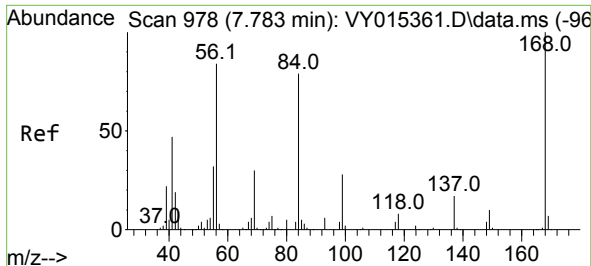
Quant Time: Sep 13 05:52:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

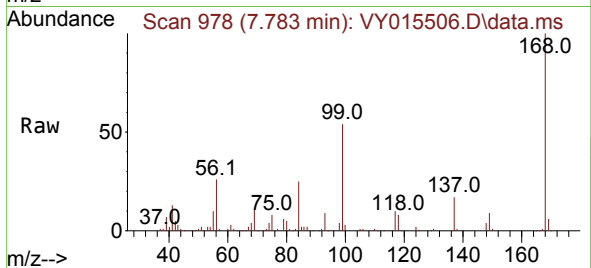
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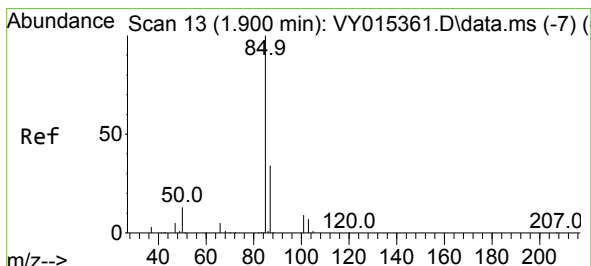
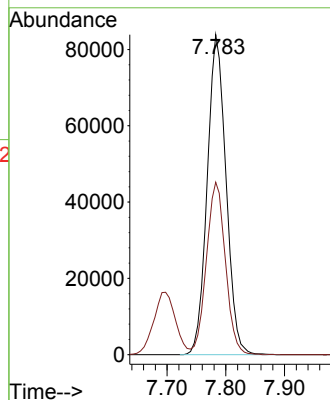
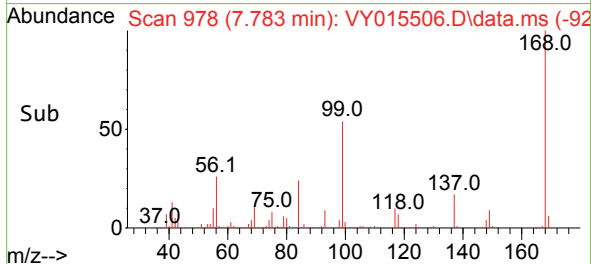


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015506.D
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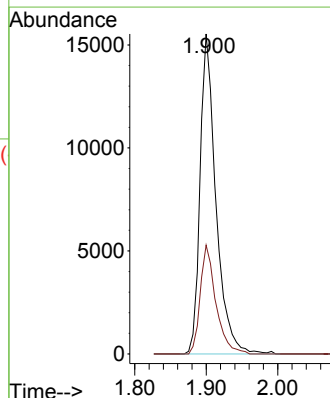
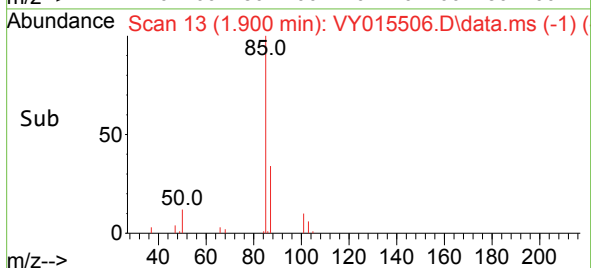
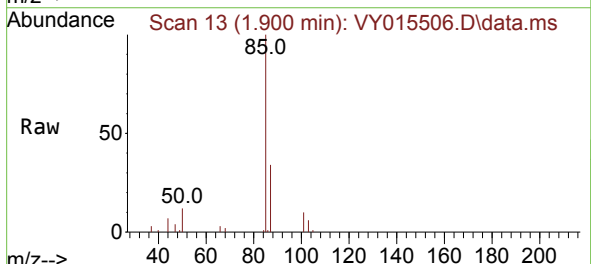


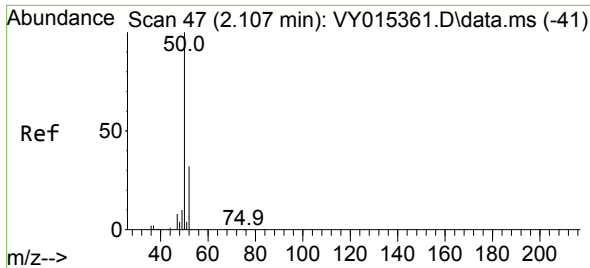
Tgt Ion:168 Resp: 186705
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 14.702 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 85 Resp: 23861
Ion Ratio Lower Upper
85 100
87 34.0 15.6 46.8

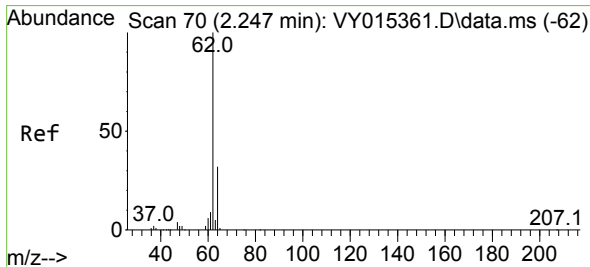
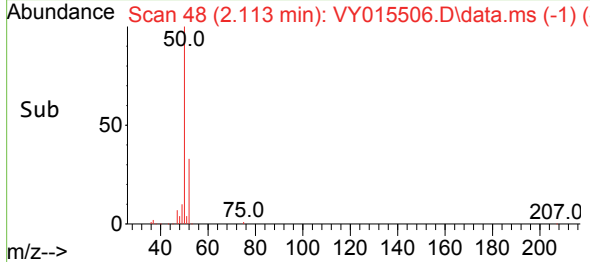
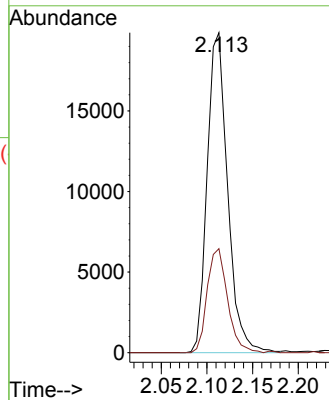
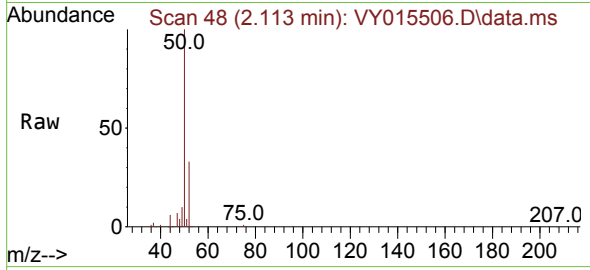




#3
Chloromethane
Concen: 14.319 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

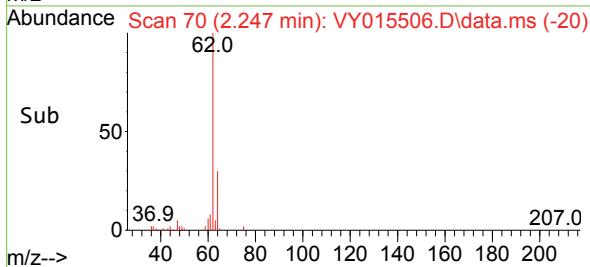
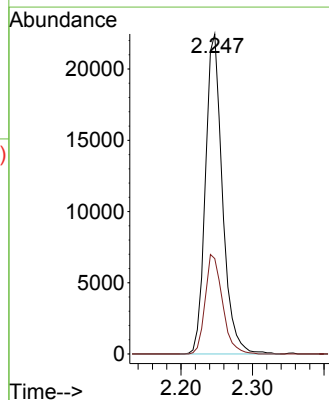
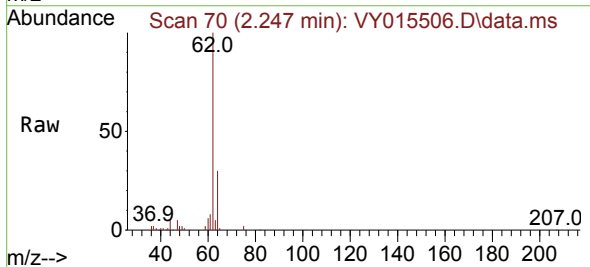
Instrument :
MSVOA_Y
ClientSampleId :

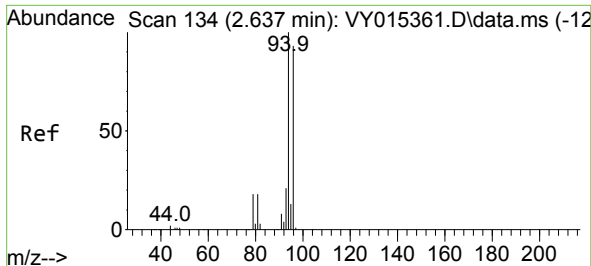
Tgt Ion: 50 Resp: 30862
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 14.788 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

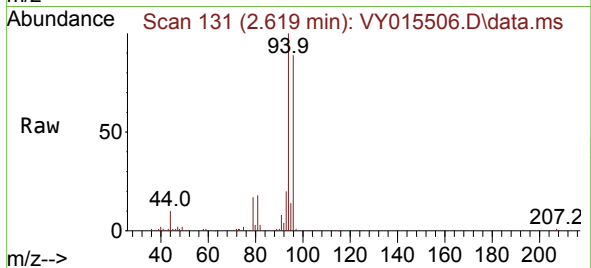
Tgt Ion: 62 Resp: 37099
Ion Ratio Lower Upper
62 100
64 29.8 24.3 36.5



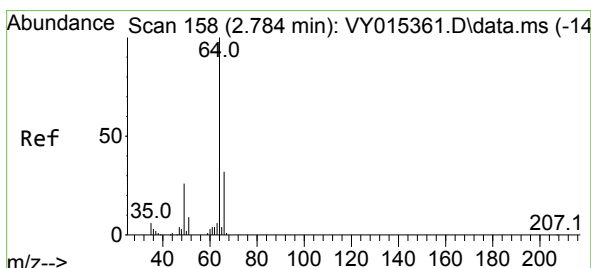
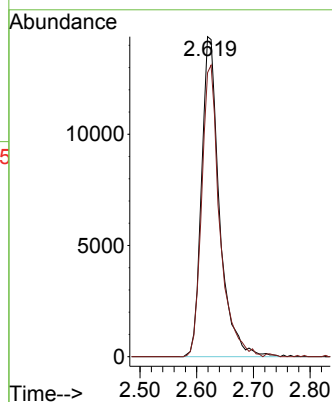
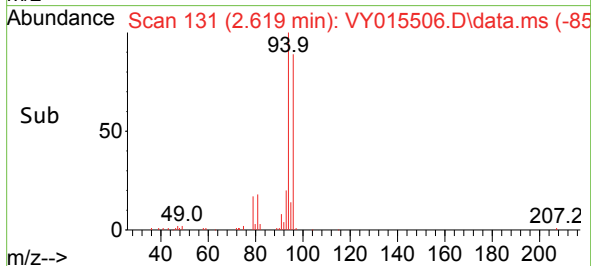


#5
Bromomethane
Concen: 17.724 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

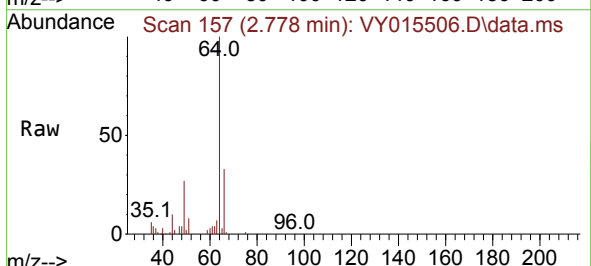
Instrument :
MSVOA_Y
ClientSampleId :



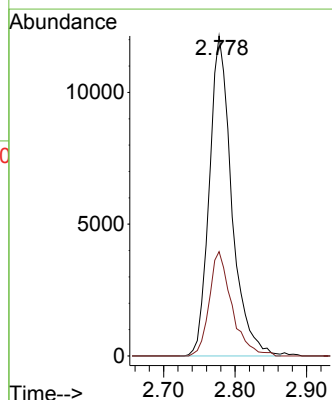
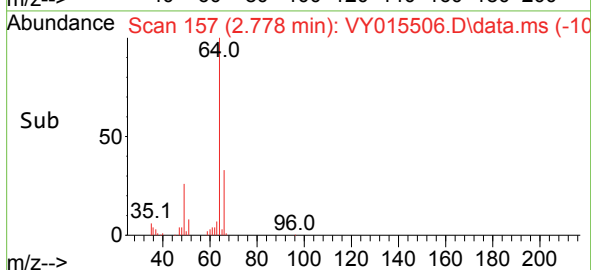
Tgt Ion: 94 Resp: 31639
Ion Ratio Lower Upper
94 100
96 88.8 75.8 113.6

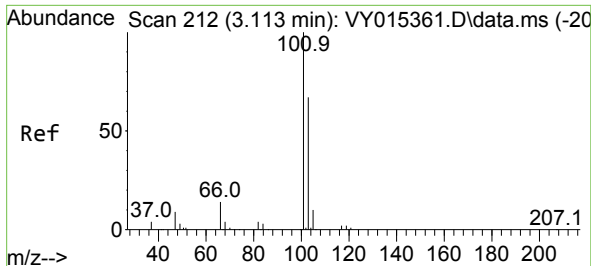


#6
Chloroethane
Concen: 16.044 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12



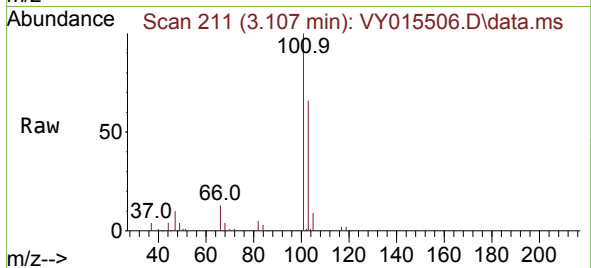
Tgt Ion: 64 Resp: 26457
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6



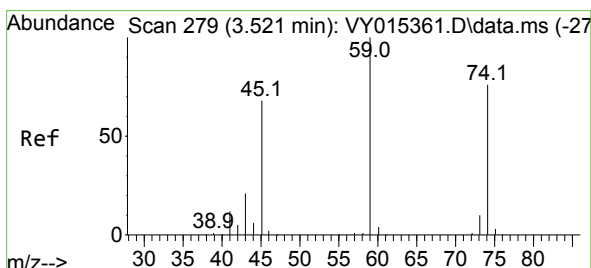
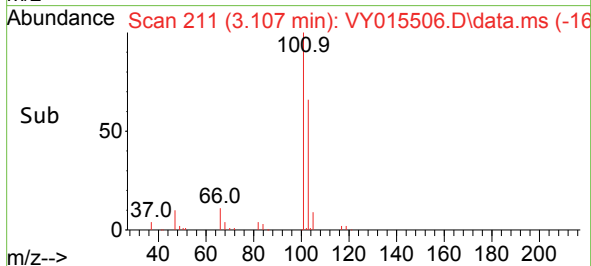
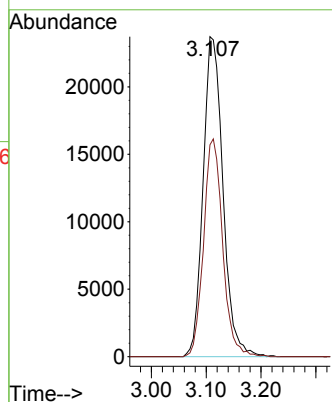


#7
 Trichlorofluoromethane
 Concen: 16.809 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY015506.D
 Acq: 12 Sep 2023 13:12

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 ClientSampleId :

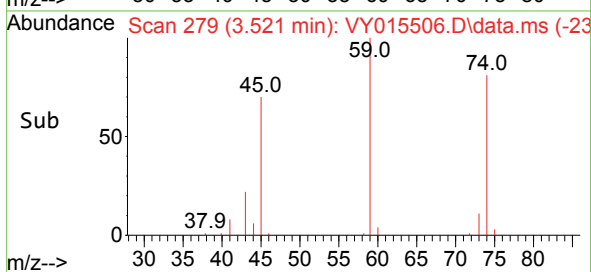
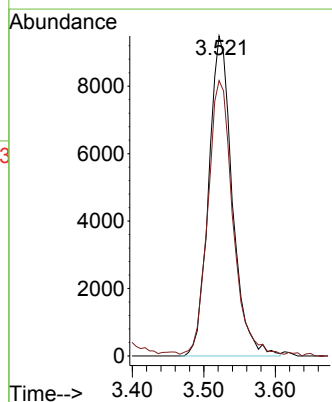
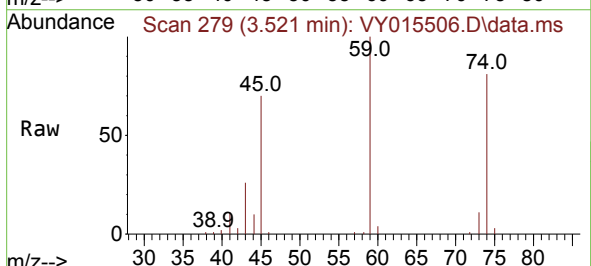


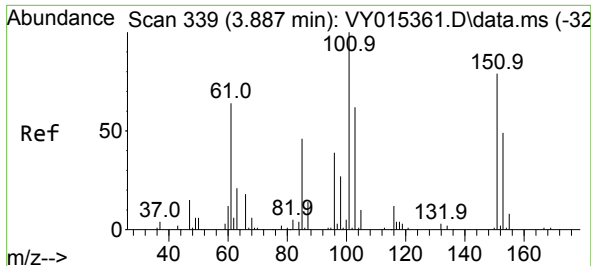
Tgt Ion:101 Resp: 59649
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 17.965 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015506.D
 Acq: 12 Sep 2023 13:12

Tgt Ion: 74 Resp: 21787
 Ion Ratio Lower Upper
 74 100
 45 90.1 51.5 154.5

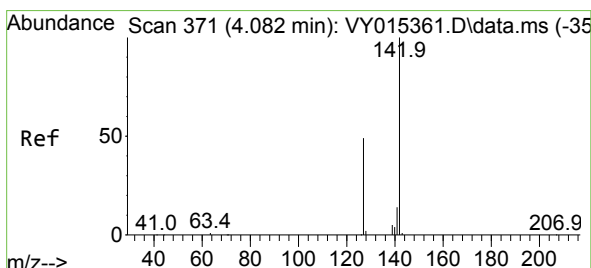
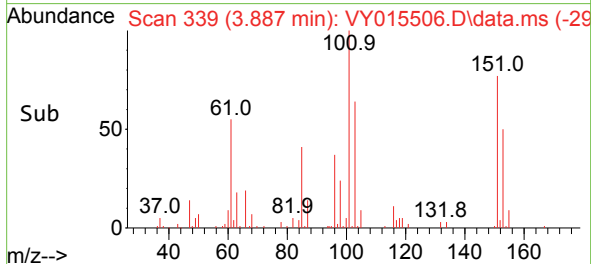
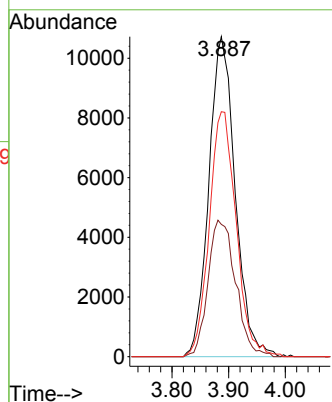
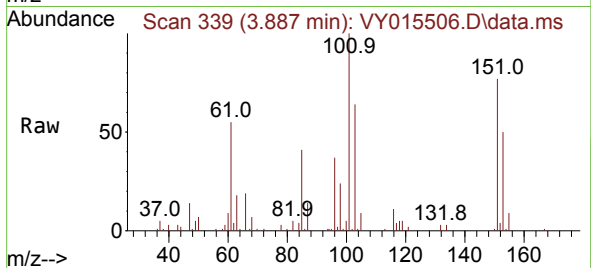




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.583 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.006 min
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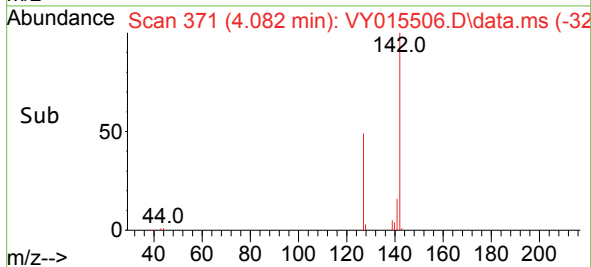
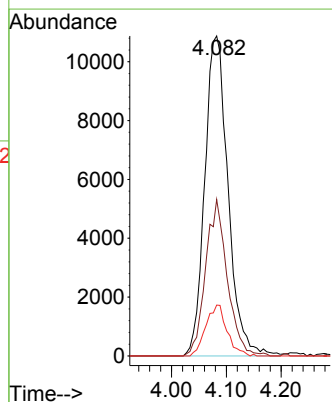
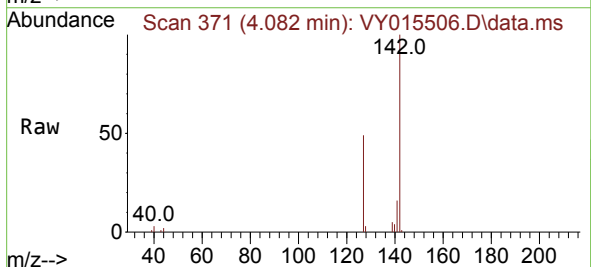
Instrument :
MSVOA_Y
ClientSampleId :

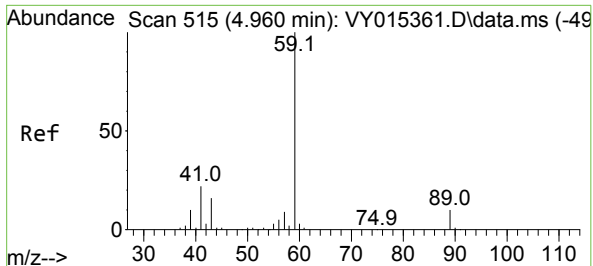
Tgt Ion:101 Resp: 34584
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 13.901 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion:142 Resp: 32108
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 169.950 ug/l

RT: 4.936 min Scan# 515

Delta R.T. -0.018 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

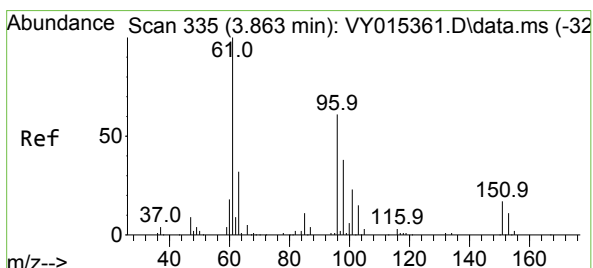
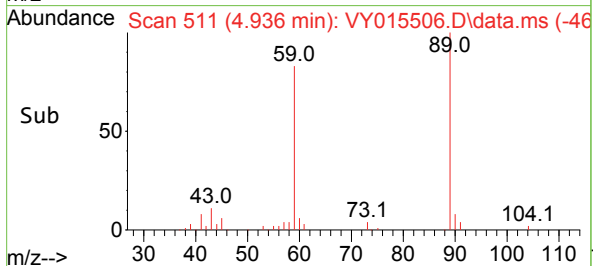
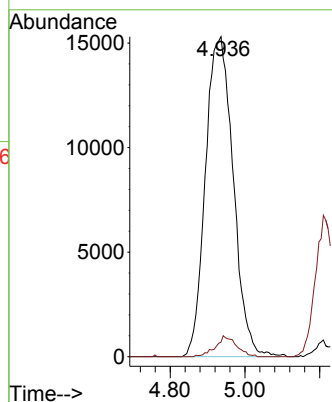
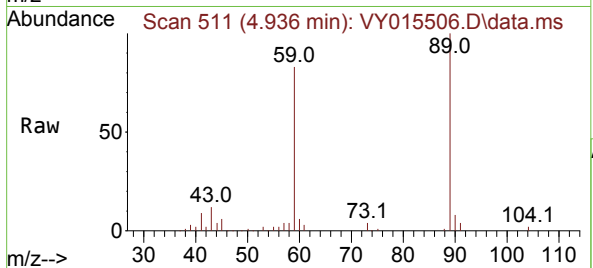
ClientSampleId :

Tgt Ion: 59 Resp: 78819

Ion Ratio Lower Upper

59 100

57 4.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 16.353 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

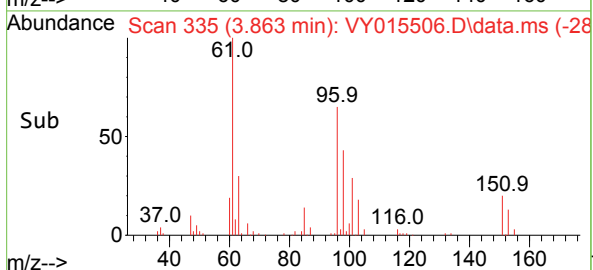
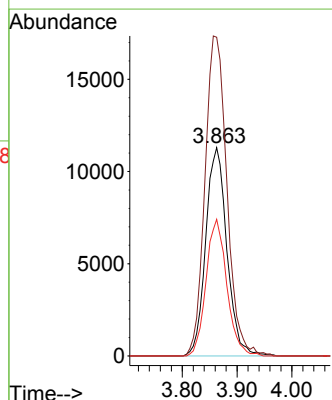
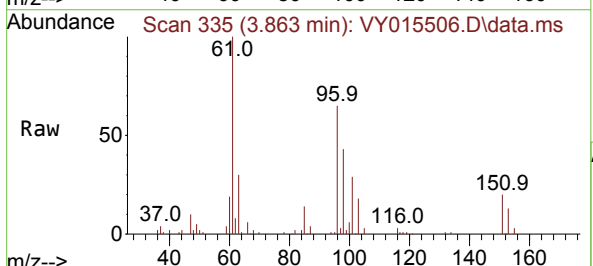
Tgt Ion: 96 Resp: 30350

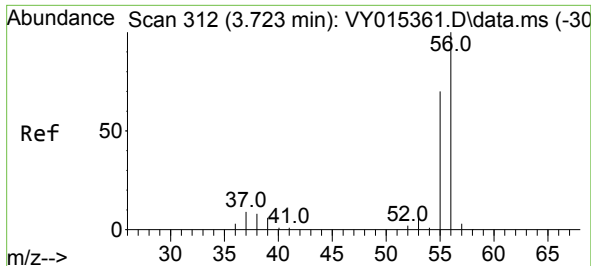
Ion Ratio Lower Upper

96 100

61 153.0 136.4 204.6

98 65.6 49.4 74.2





#13

Acrolein

Concen: 48.815 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

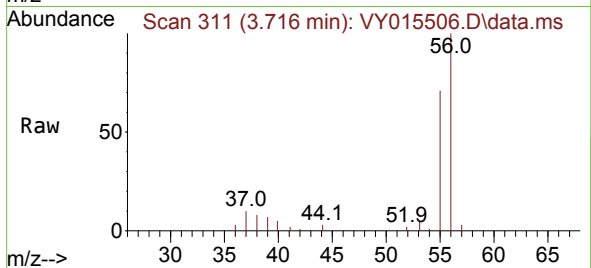
Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

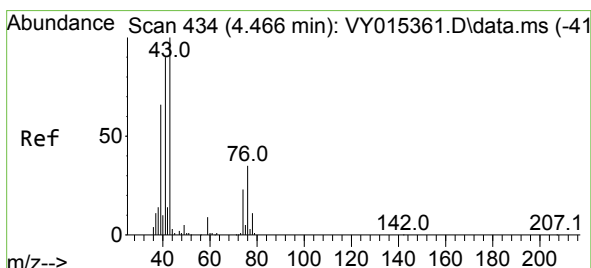
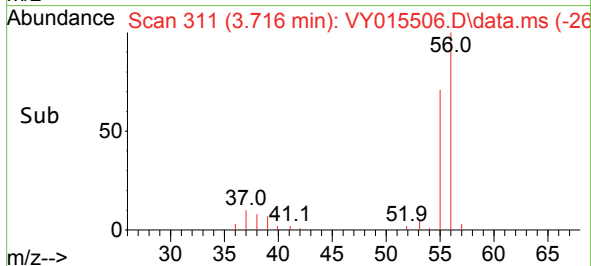
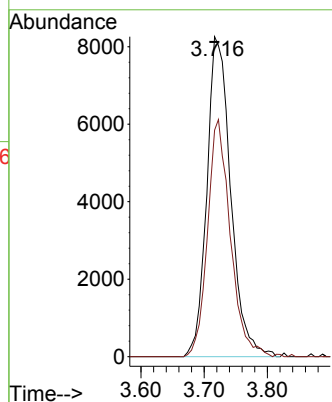


Tgt Ion: 56 Resp: 21677

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 17.271 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

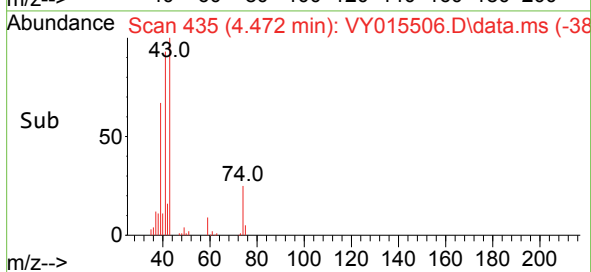
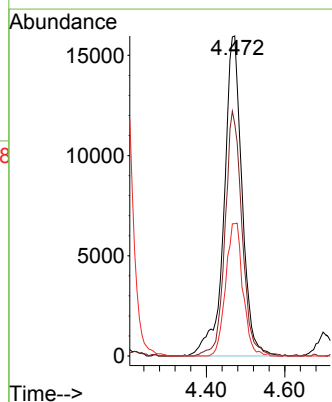
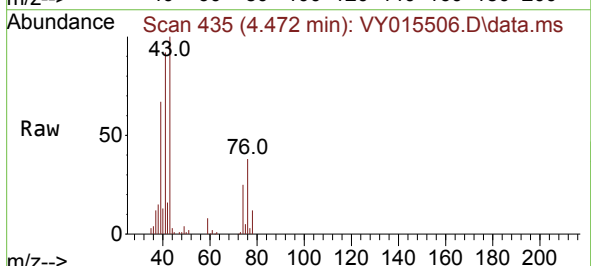
Tgt Ion: 41 Resp: 51036

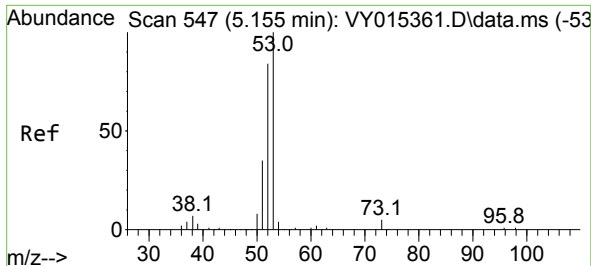
Ion Ratio Lower Upper

41 100

39 72.3 58.0 87.0

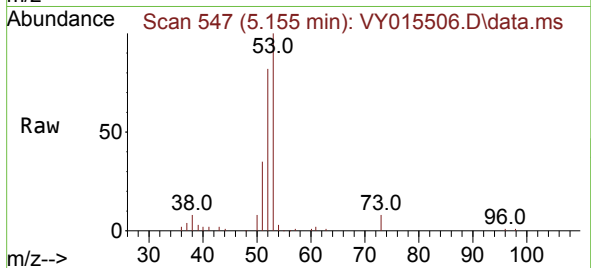
76 39.7 27.4 41.2



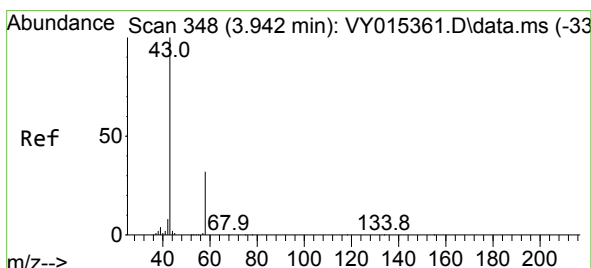
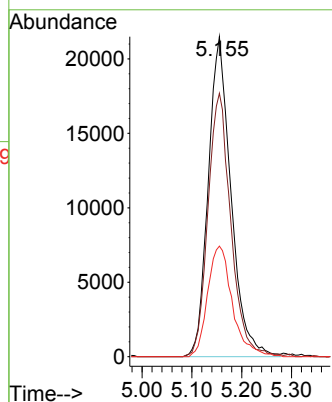
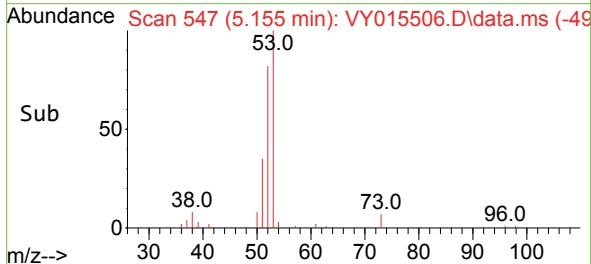


#15
Acrylonitrile
Concen: 89.127 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Instrument :
MSVOA_Y
ClientSampleId :

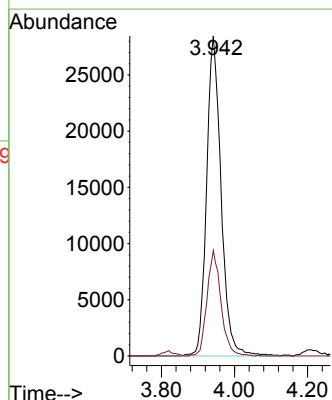
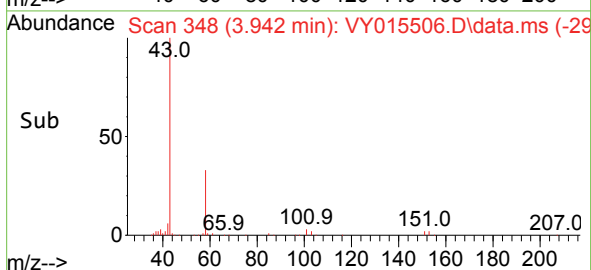
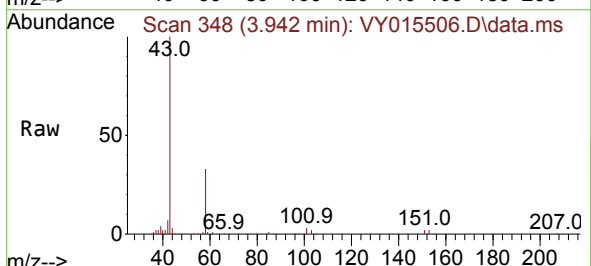


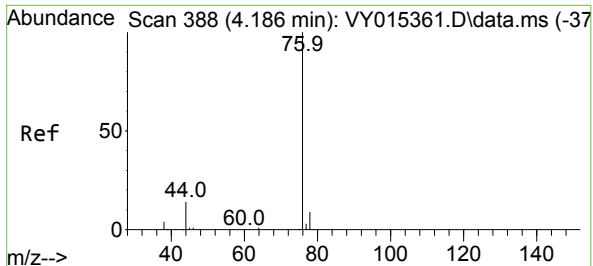
Tgt Ion:	53	Resp:	68016
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.9	100.3
51	37.6	29.8	44.6



#16
Acetone
Concen: 93.532 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion:	43	Resp:	78136
Ion	Ratio	Lower	Upper
43	100		
58	33.0	22.7	34.1

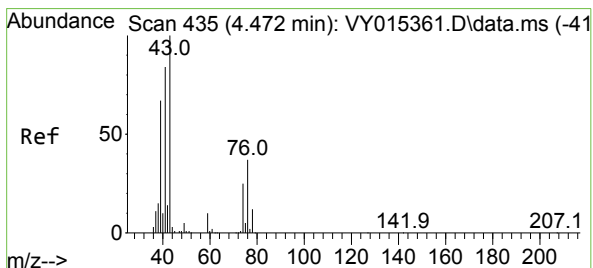
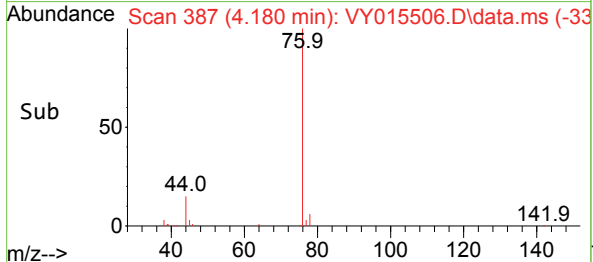
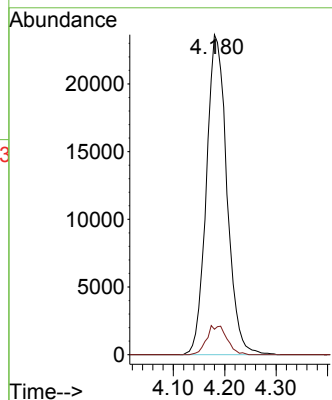
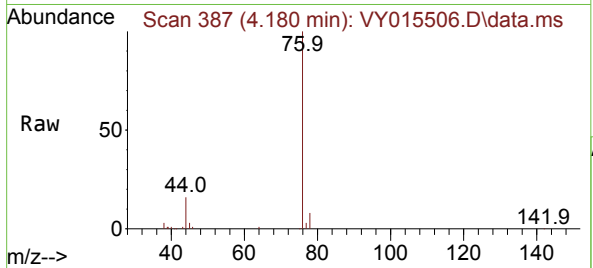




#17
Carbon Disulfide
Concen: 11.794 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

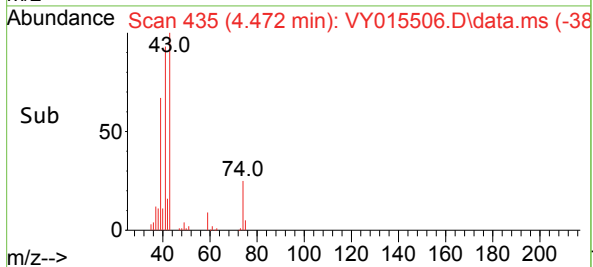
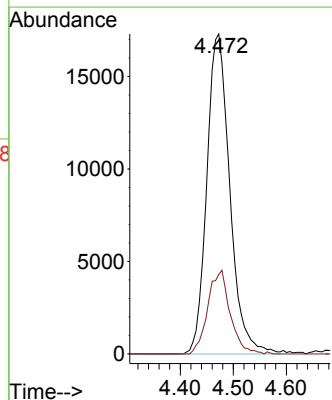
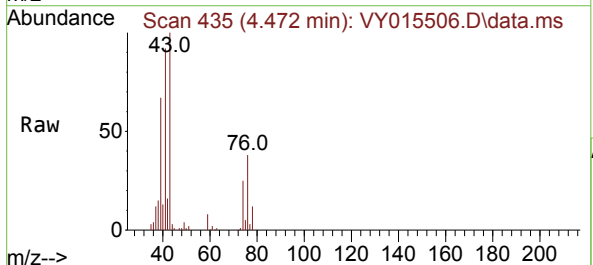
Instrument :
MSVOA_Y
ClientSampleId :

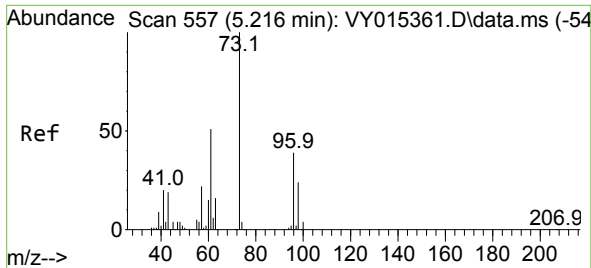
Tgt Ion: 76 Resp: 65440
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#18
Methyl Acetate
Concen: 17.225 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 43 Resp: 52121
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0

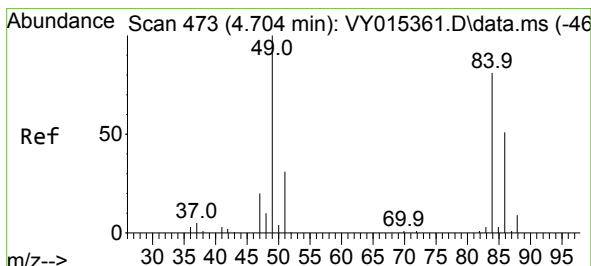
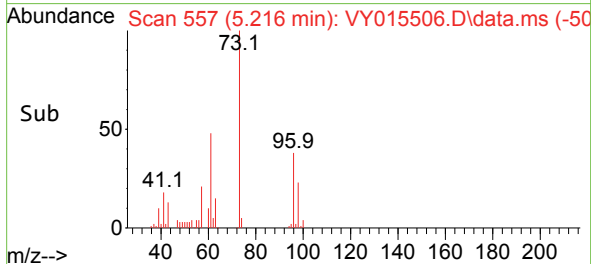
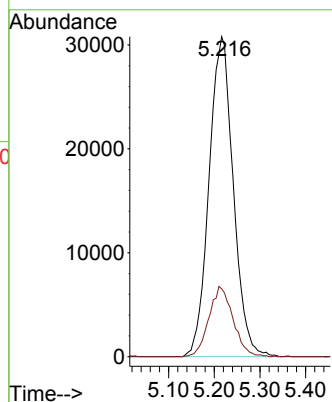
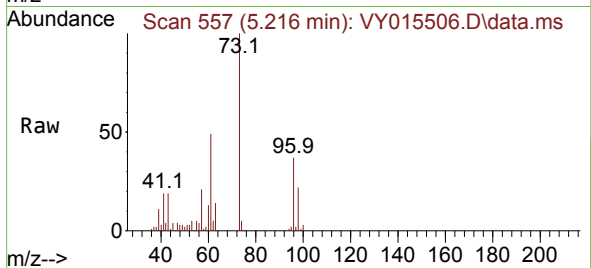




#19
Methyl tert-butyl Ether
Concen: 18.839 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

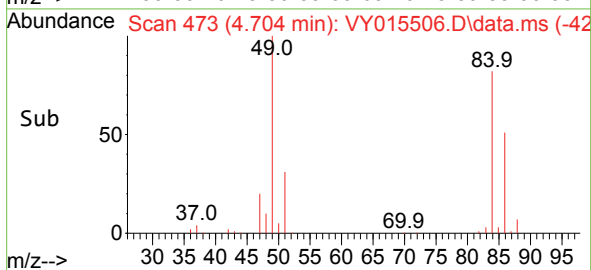
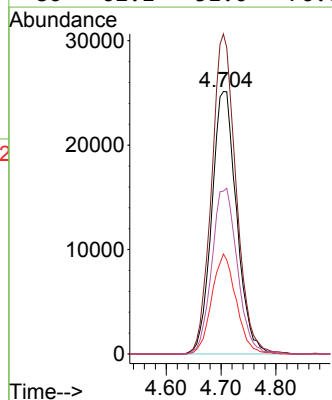
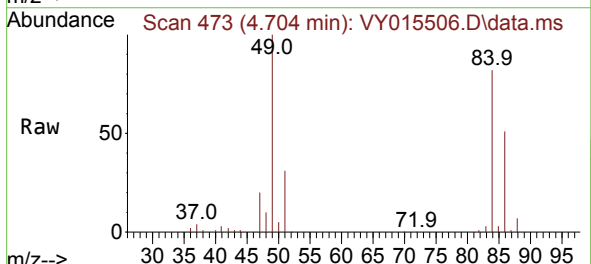
Instrument :
MSVOA_Y
ClientSampleId :

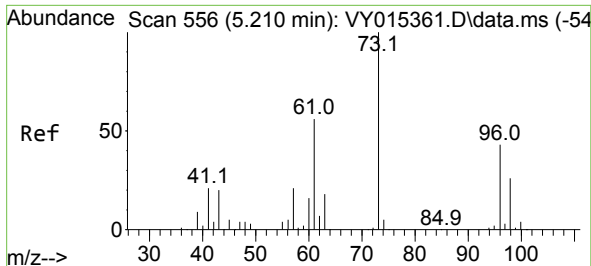
Tgt Ion: 73 Resp: 113638
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 26.161 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 84 Resp: 79359
Ion Ratio Lower Upper
84 100
49 121.9 106.9 160.3
51 38.1 33.2 49.8
86 62.1 51.0 76.6

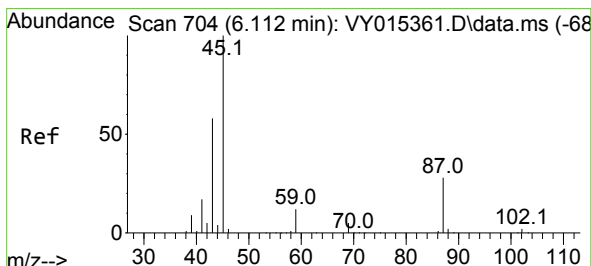
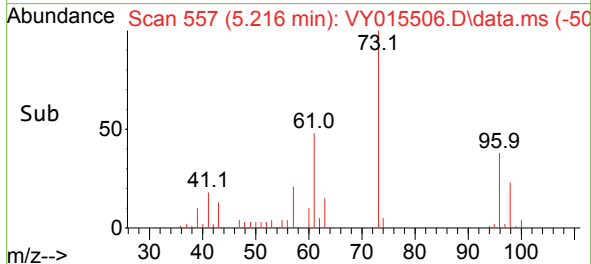
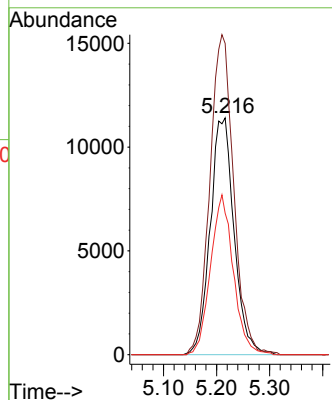
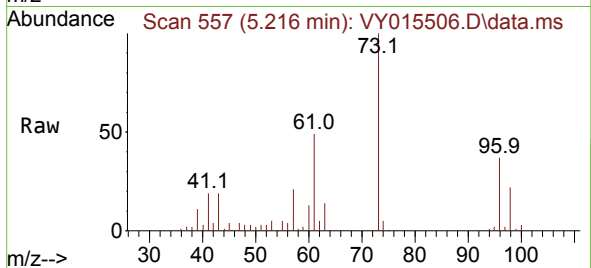




#21
trans-1,2-Dichloroethene
Concen: 16.679 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

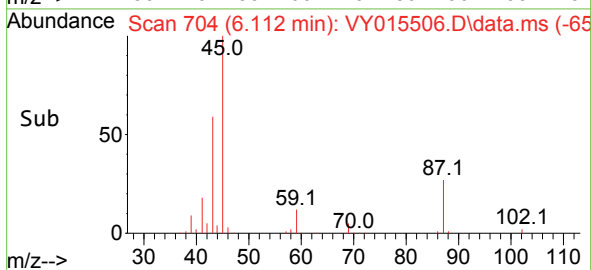
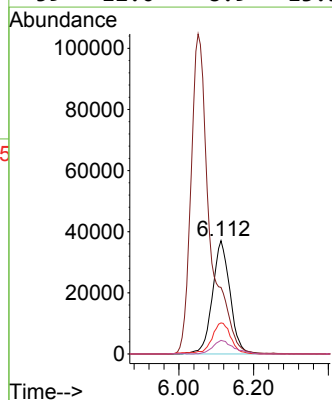
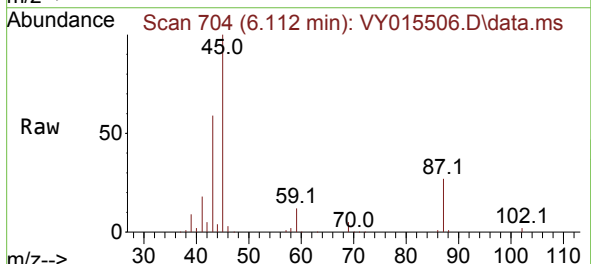
Instrument :
MSVOA_Y
ClientSampleId :

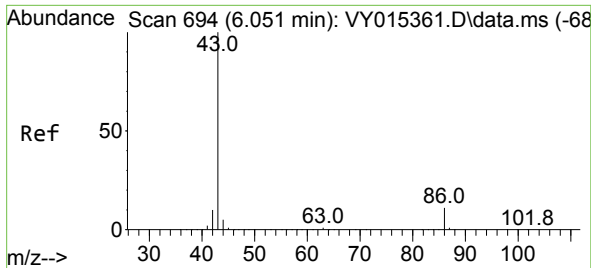
Tgt Ion: 96 Resp: 35647
Ion Ratio Lower Upper
96 100
61 131.4 110.2 165.4
98 59.7 51.8 77.6



#22
Diisopropyl ether
Concen: 18.738 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 45 Resp: 121100
Ion Ratio Lower Upper
45 100
43 58.3 52.2 78.4
87 27.5 21.0 31.6
59 12.0 8.9 13.3





#23

Vinyl Acetate

Concen: 89.190 ug/l

RT: 6.051 min Scan# 694

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

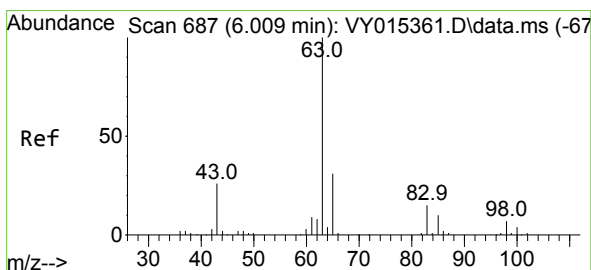
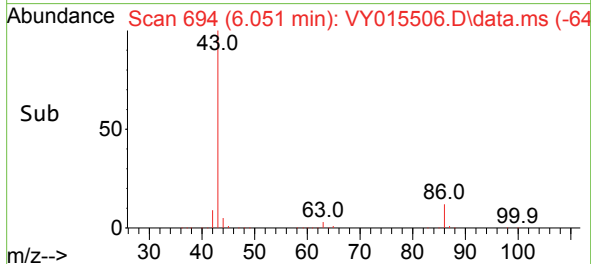
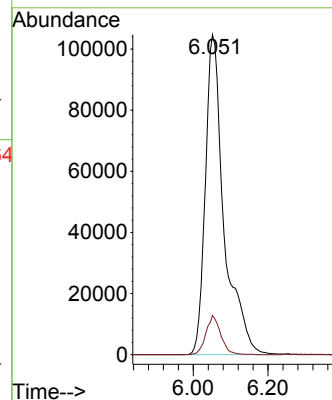
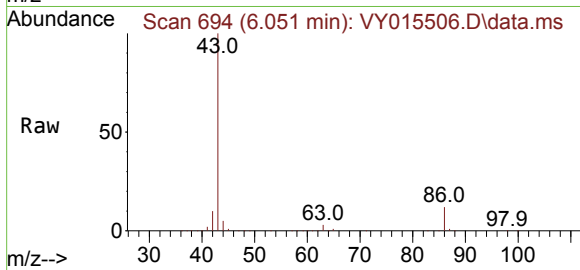
ClientSampleId :

Tgt Ion: 43 Resp: 363941

Ion Ratio Lower Upper

43 100

86 12.2 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 18.655 ug/l

RT: 6.009 min Scan# 687

Delta R.T. 0.006 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

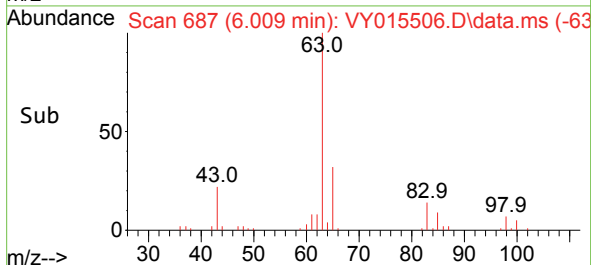
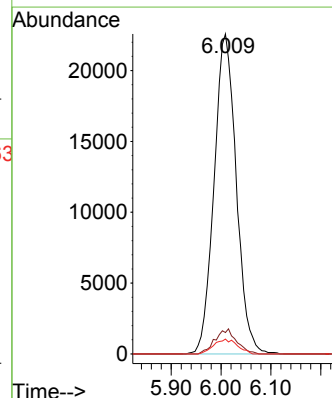
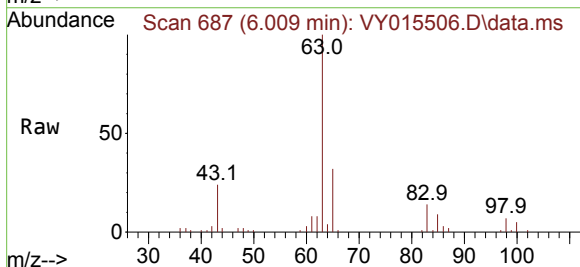
Tgt Ion: 63 Resp: 69694

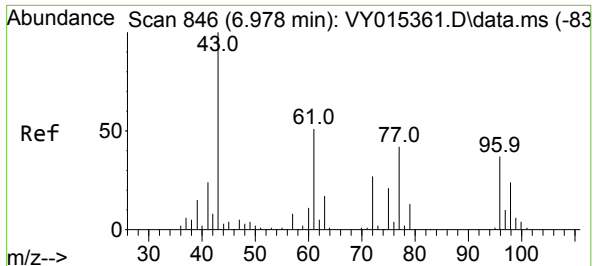
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.6 1.8 5.5

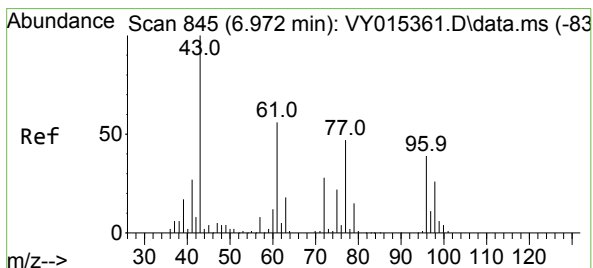
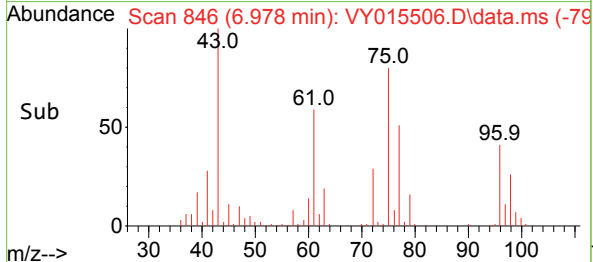
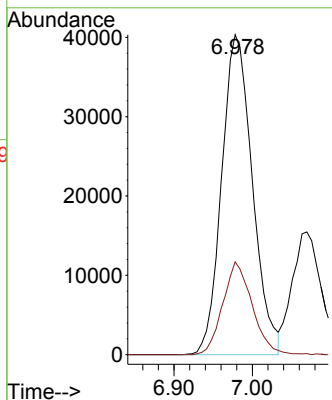
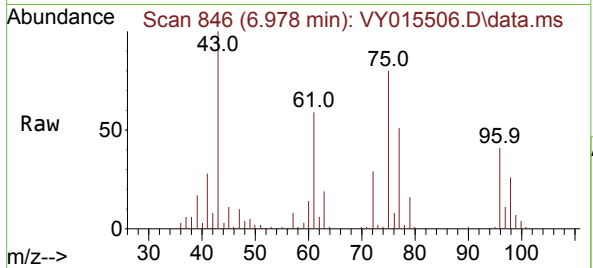




#25
2-Butanone
Concen: 92.868 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

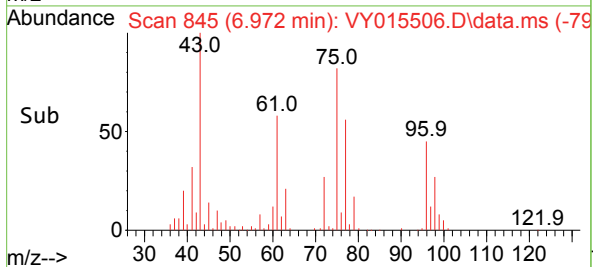
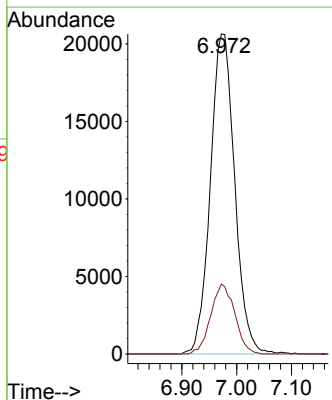
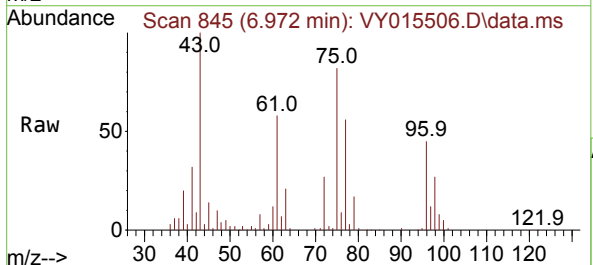
Instrument :
MSVOA_Y
ClientSampleId :

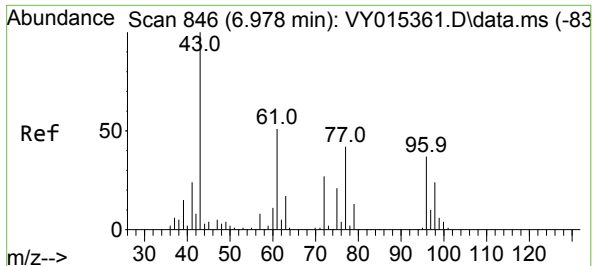
Tgt Ion: 43 Resp: 110036
Ion Ratio Lower Upper
43 100
72 29.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.050 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 77 Resp: 63621
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.809 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

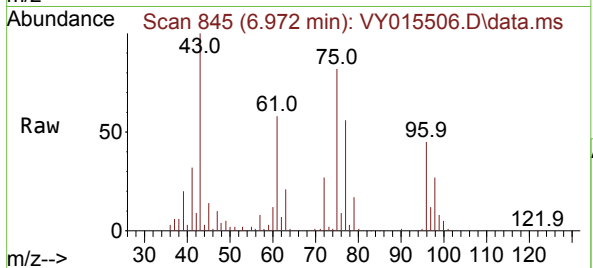
Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :



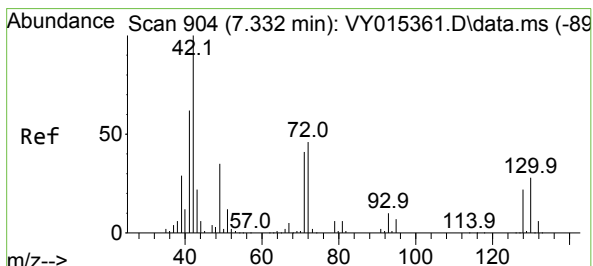
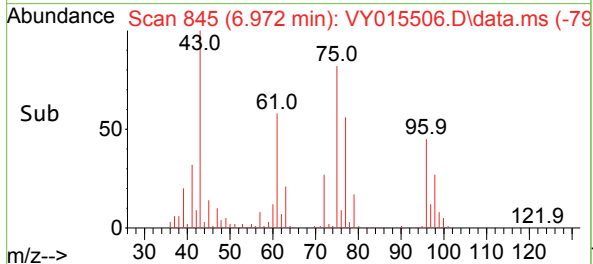
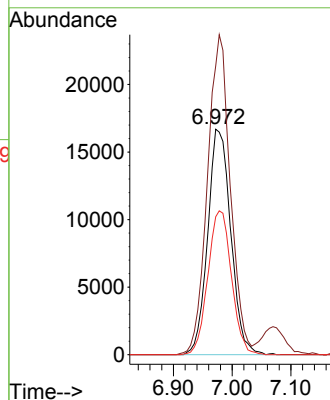
Tgt Ion: 96 Resp: 45604

Ion Ratio Lower Upper

96 100

61 140.5 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 14.509 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

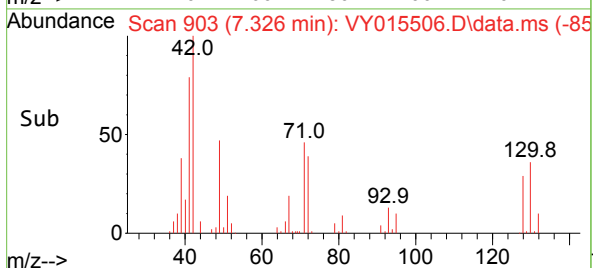
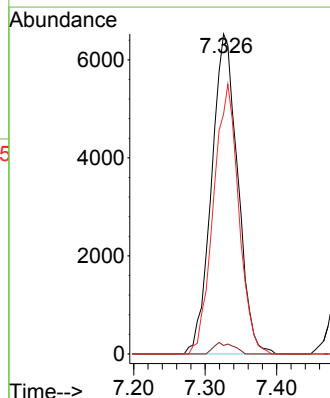
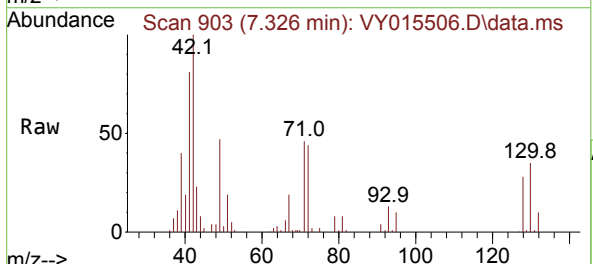
Tgt Ion: 49 Resp: 16622

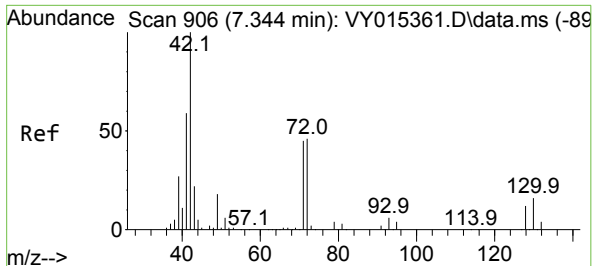
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 81.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 84.873 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

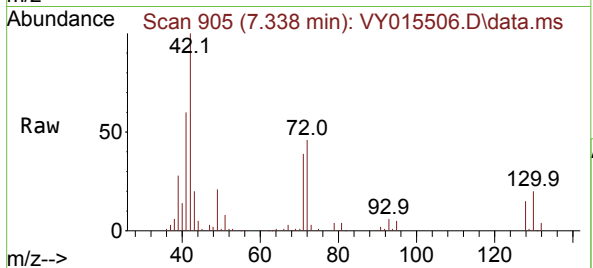
Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

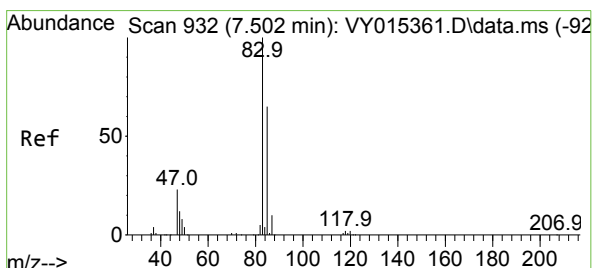
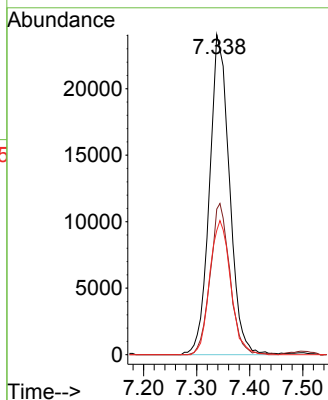
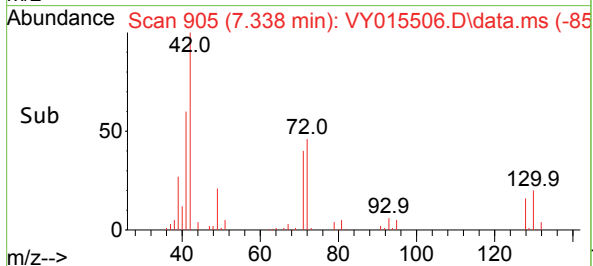
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	63151
Ion	Ratio	Lower	Upper
42	100		
72	46.2	32.8	49.2
71	43.7	31.0	46.4



#30

Chloroform

Concen: 19.307 ug/l

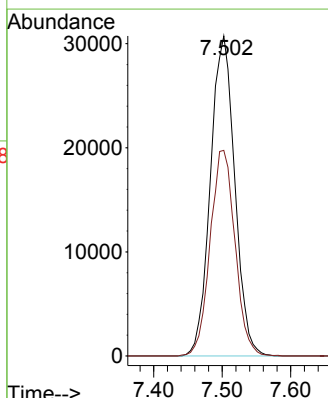
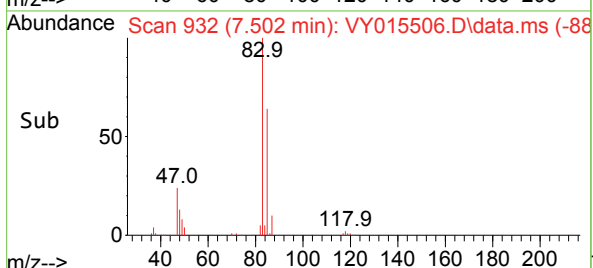
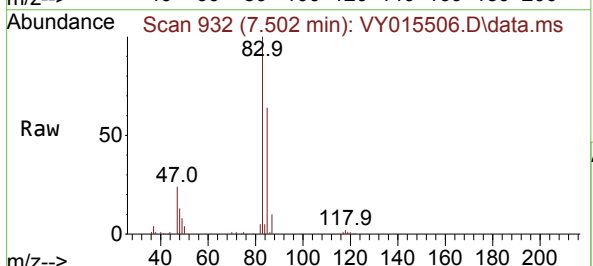
RT: 7.502 min Scan# 932

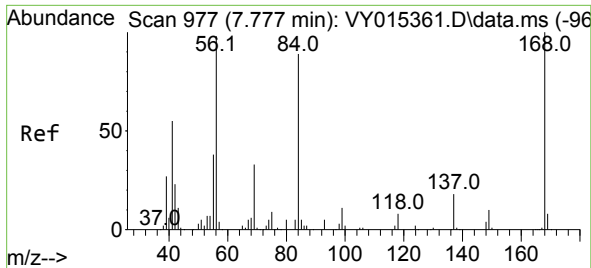
Delta R.T. 0.006 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

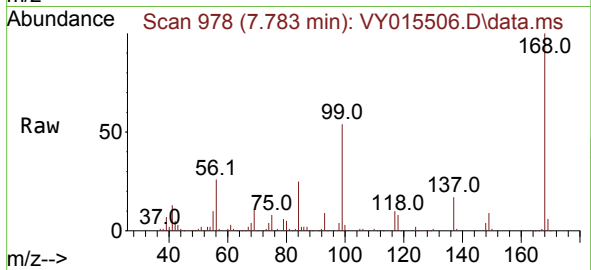
Tgt Ion:	83	Resp:	75826
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.7	74.5



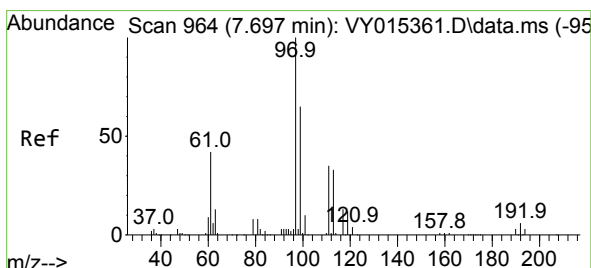
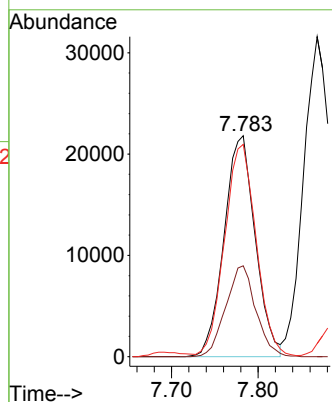
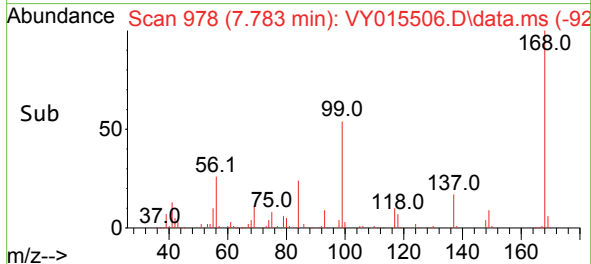


#31
Cyclohexane
Concen: 15.351 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Instrument :
MSVOA_Y
ClientSampleId :

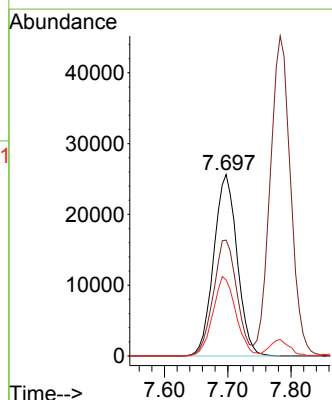
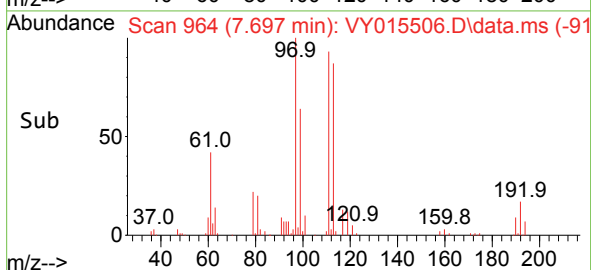
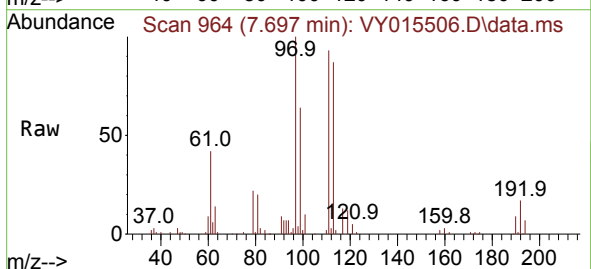


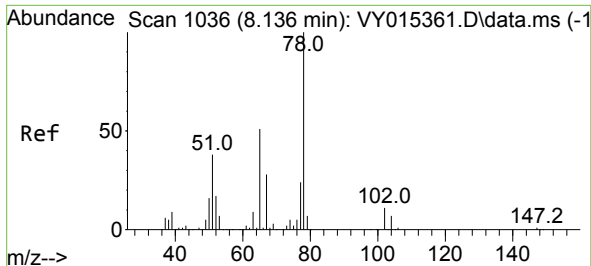
Tgt Ion: 56 Resp: 54575
Ion Ratio Lower Upper
56 100
69 41.1 27.8 41.6
84 94.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.796 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 97 Resp: 65936
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.385 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

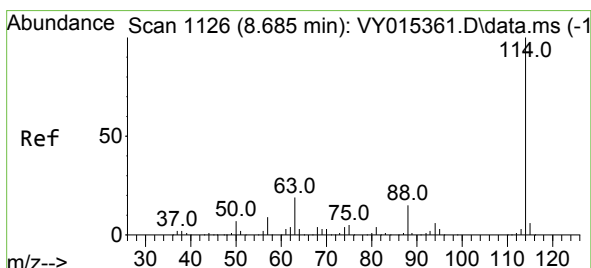
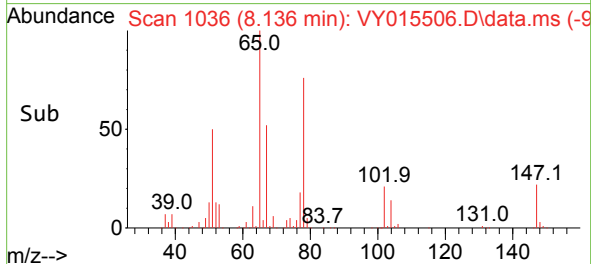
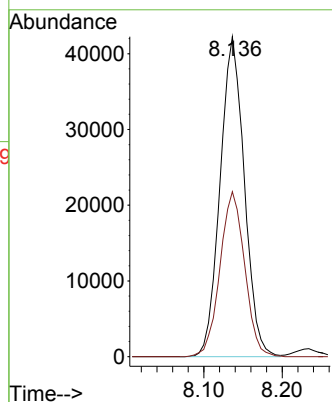
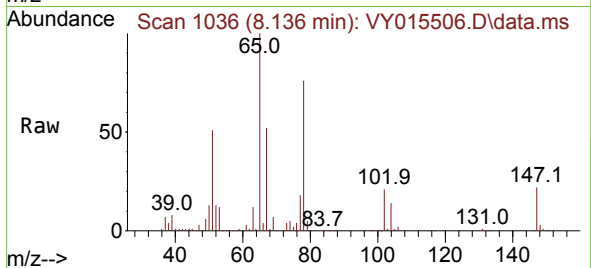
ClientSampleId :

Tgt Ion: 65 Resp: 90836

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

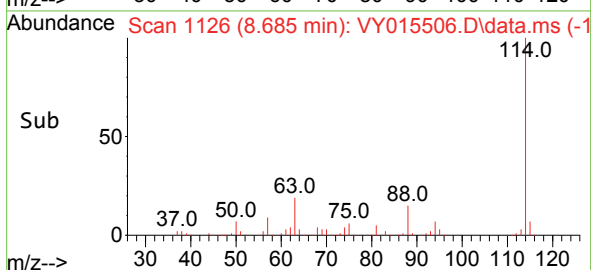
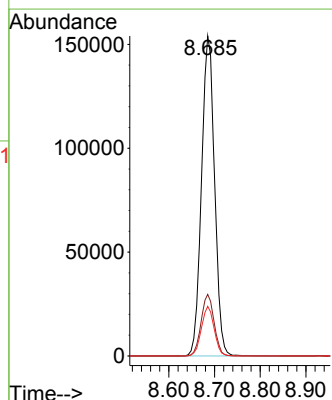
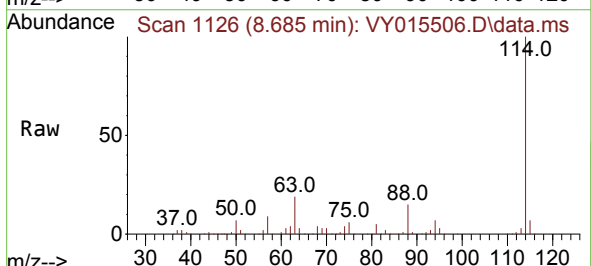
Tgt Ion: 114 Resp: 305647

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.5 0.0 30.6

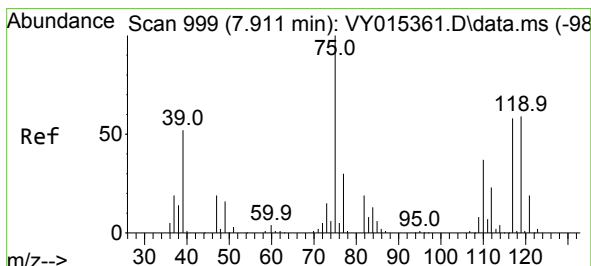
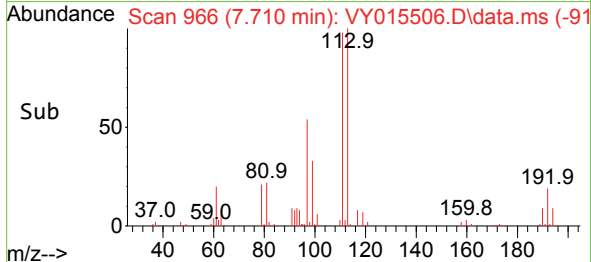
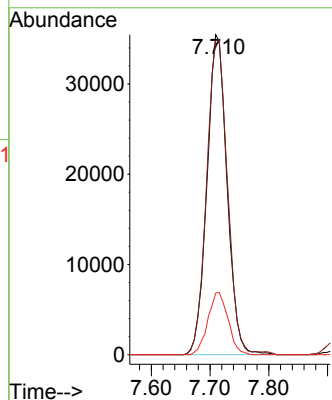
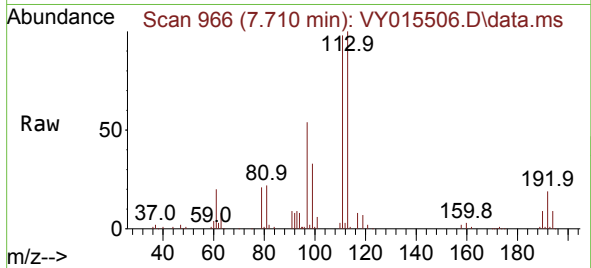




#35
Dibromofluoromethane
Concen: 47.928 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

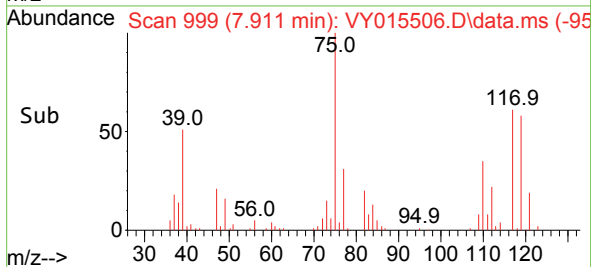
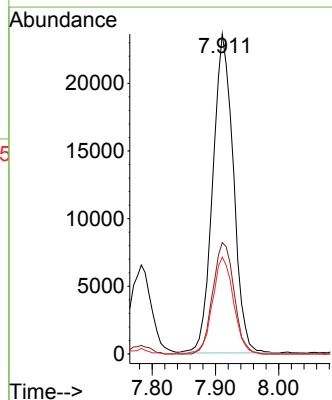
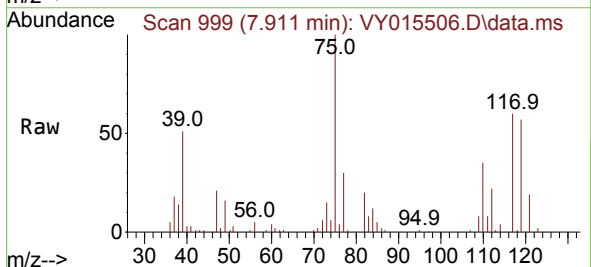
Instrument :
MSVOA_Y
ClientSampleId :

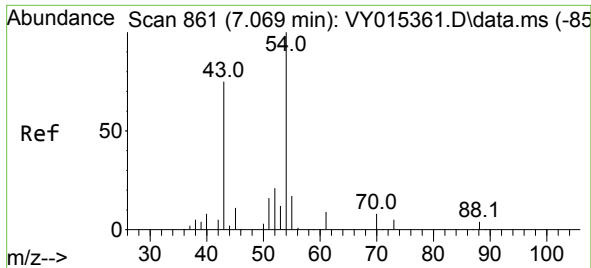
Tgt Ion:113 Resp: 84375
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.222 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 75 Resp: 53236
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.9 24.4 36.6

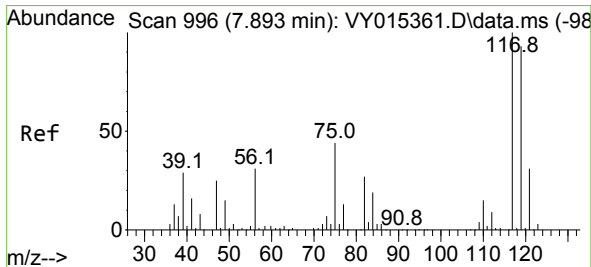
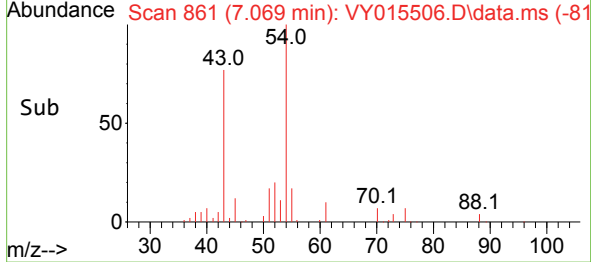
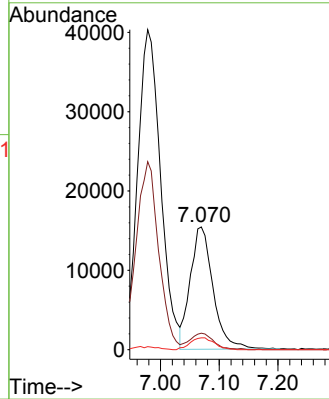
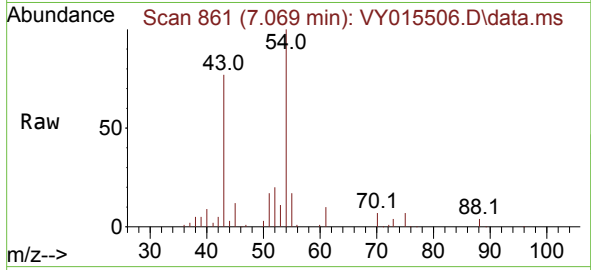




#37
Ethyl Acetate
Concen: 17.432 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

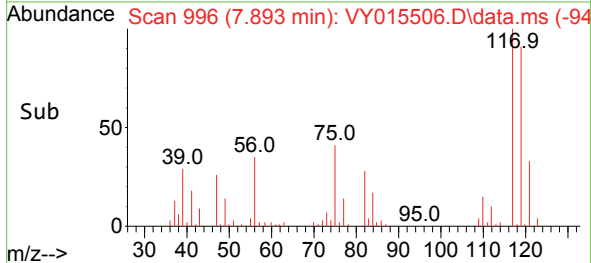
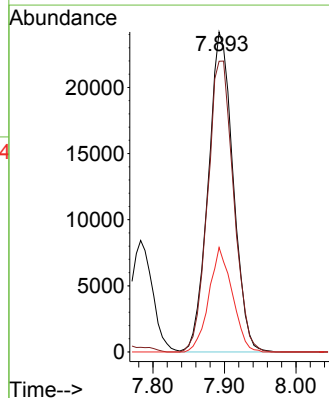
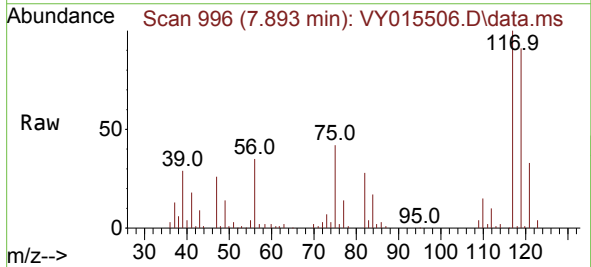
Instrument :
MSVOA_Y
ClientSampleId :

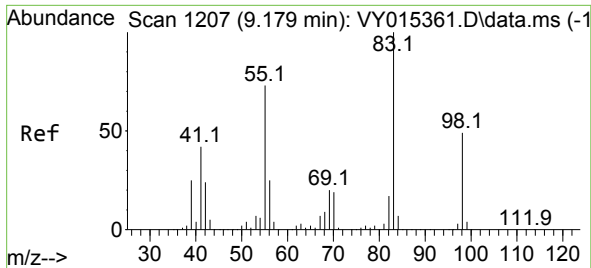
Tgt Ion: 43 Resp: 41559
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 10.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.338 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 117 Resp: 58547
Ion Ratio Lower Upper
117 100
119 90.8 76.4 114.6
121 32.6 25.8 38.6

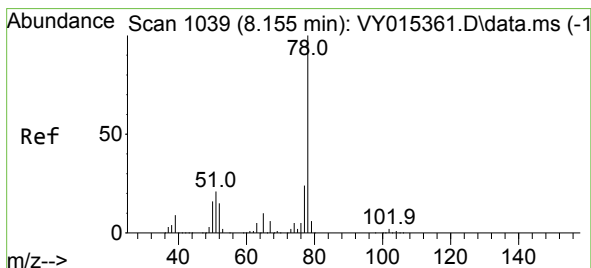
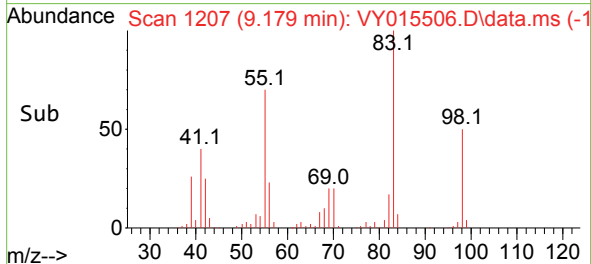
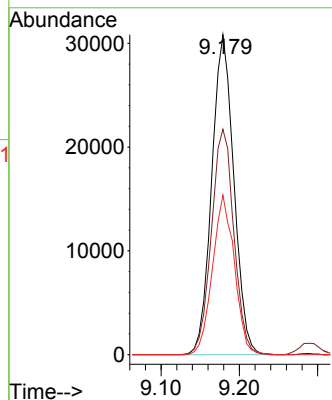
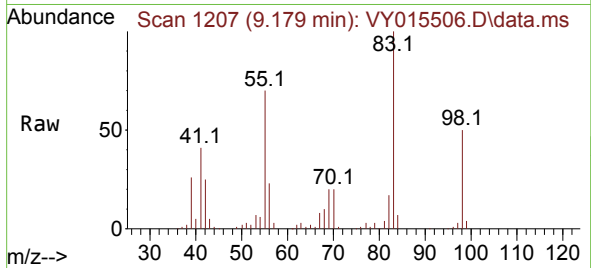




#39
Methylcyclohexane
Concen: 15.503 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

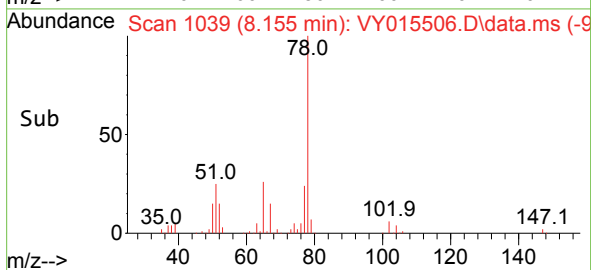
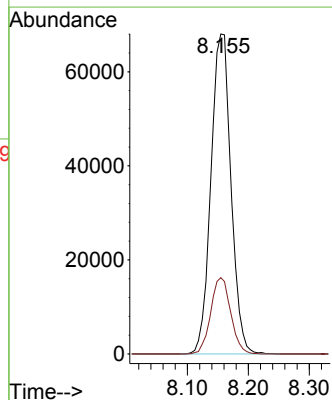
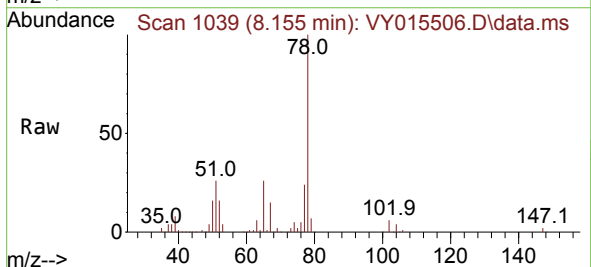
Instrument :
MSVOA_Y
ClientSampleId :

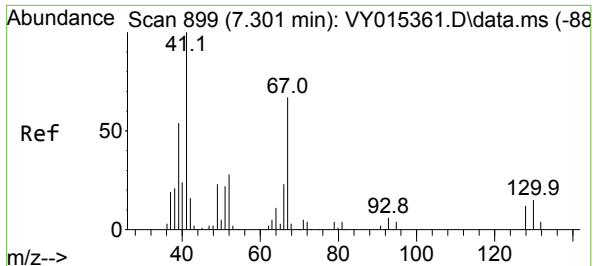
Tgt Ion: 83 Resp: 60332
Ion Ratio Lower Upper
83 100
55 70.4 63.0 94.4
98 49.9 37.4 56.2



#40
Benzene
Concen: 18.036 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

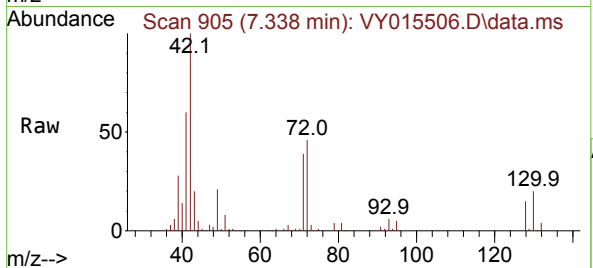
Tgt Ion: 78 Resp: 155546
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



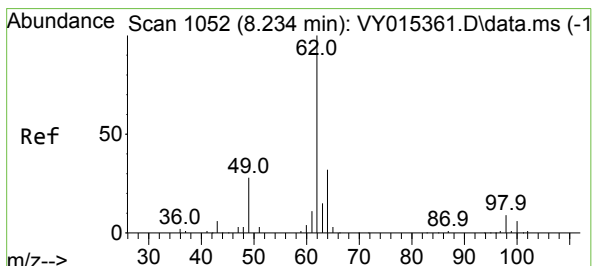
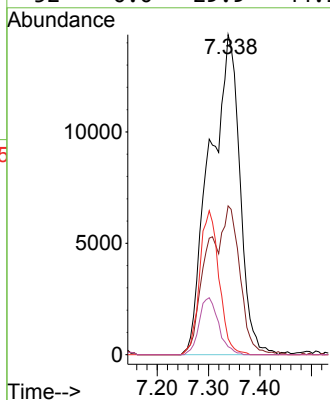
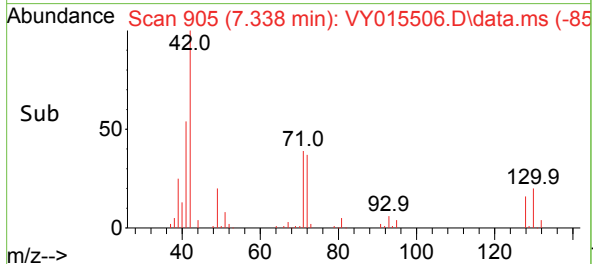


#41
Methacrylonitrile
Concen: 52.150 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

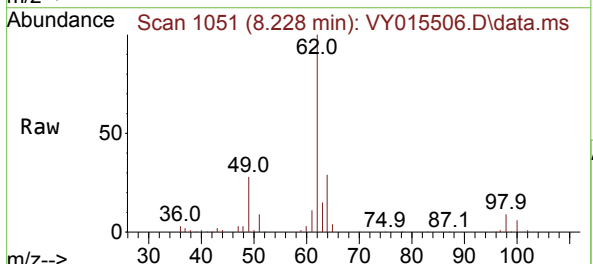
Instrument :
MSVOA_Y
ClientSampleId :



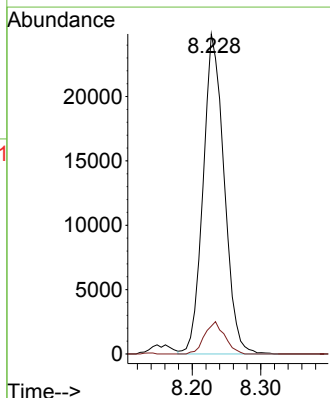
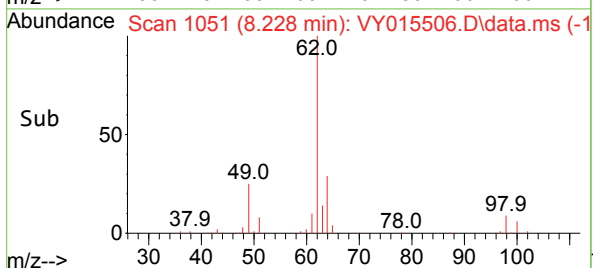
Tgt Ion: 41 Resp: 58303
Ion Ratio Lower Upper
41 100
39 27.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

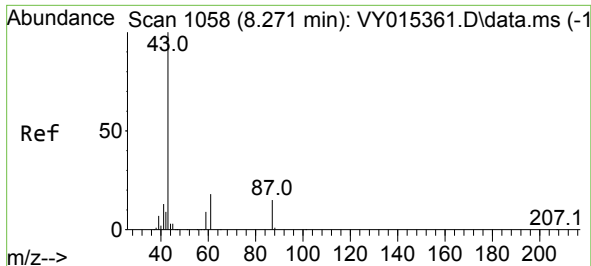


#42
1,2-Dichloroethane
Concen: 18.498 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12



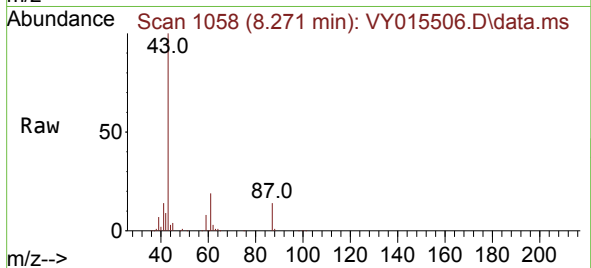
Tgt Ion: 62 Resp: 53198
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8



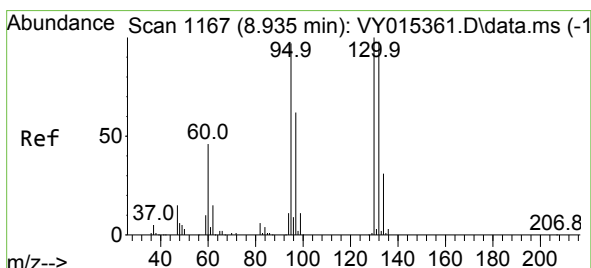
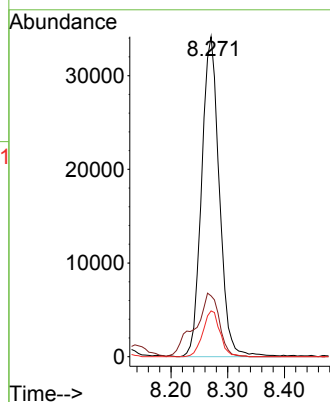
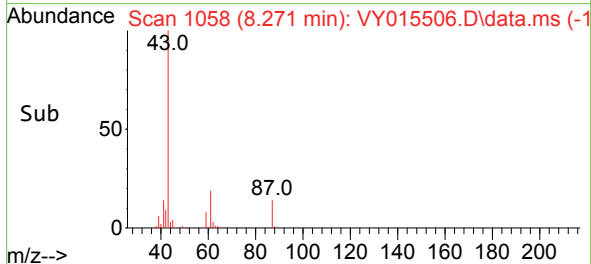


#43
Isopropyl Acetate
Concen: 17.923 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Instrument :
MSVOA_Y
ClientSampleId :

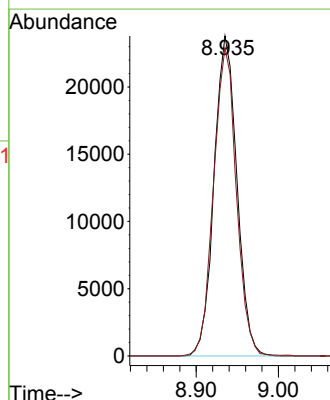
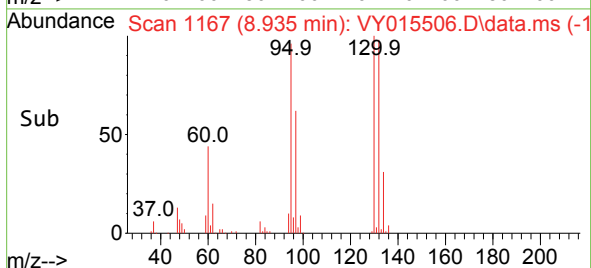
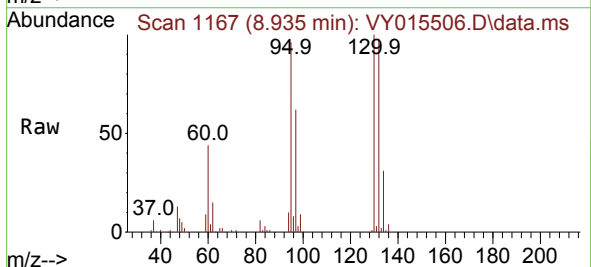


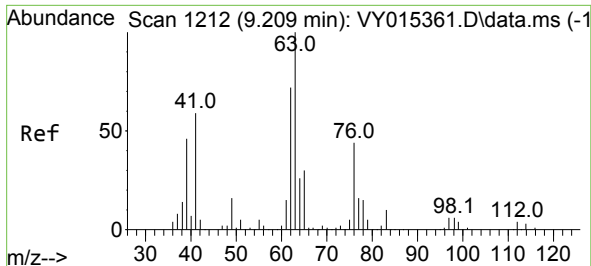
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.2	21.1	31.7
87	13.9	9.8	14.8



#44
Trichloroethene
Concen: 18.818 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	196.0

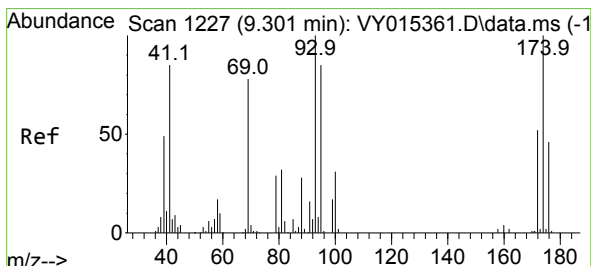
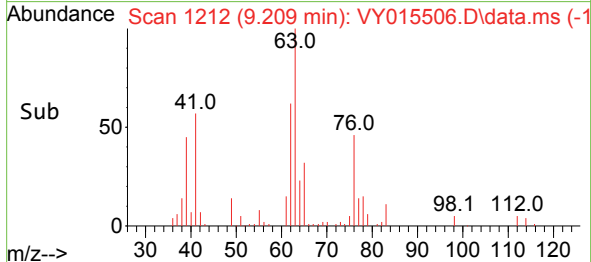
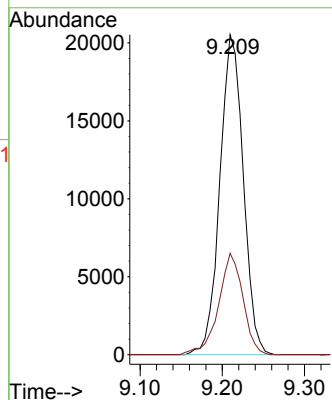
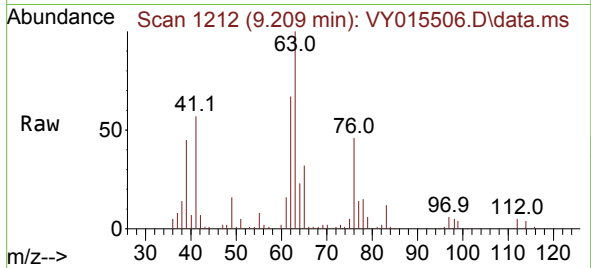




#45
1,2-Dichloropropane
Concen: 18.692 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

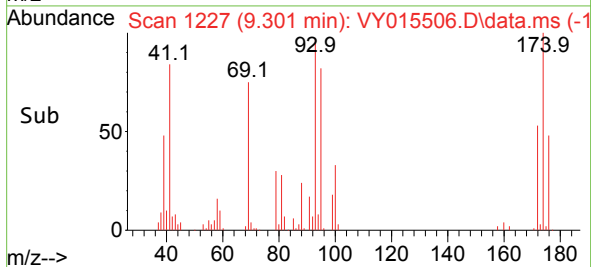
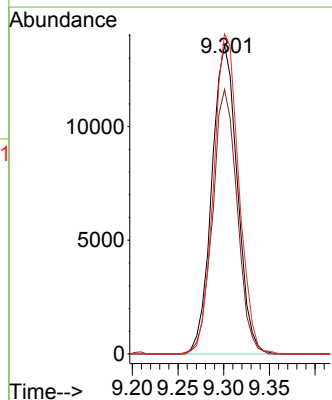
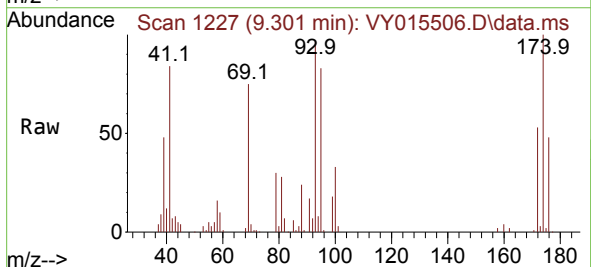
Instrument :
MSVOA_Y
ClientSampleId :

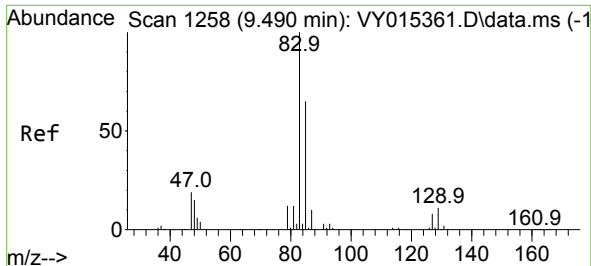
Tgt Ion: 63 Resp: 40638
Ion Ratio Lower Upper
63 100
65 31.7 23.8 35.6



#46
Dibromomethane
Concen: 18.191 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 93 Resp: 26271
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 102.4 84.8 127.2





#47

Bromodichloromethane

Concen: 19.471 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

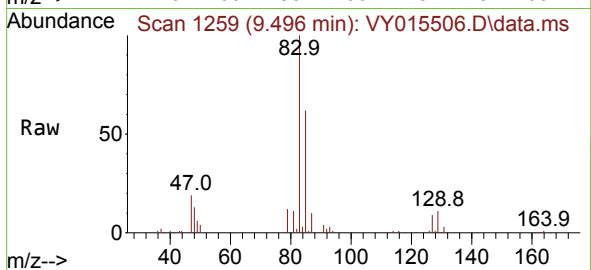
Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

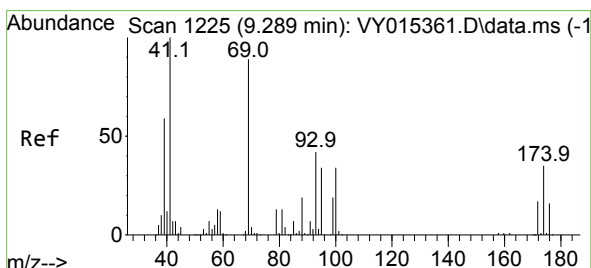
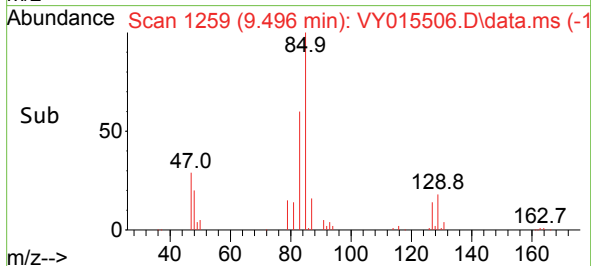
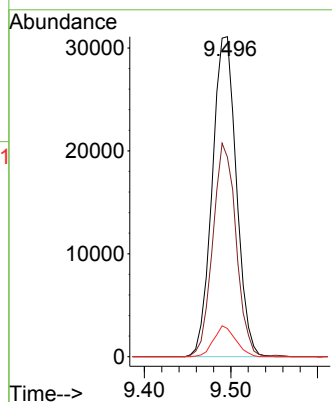
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	60135
Ion Ratio	Lower	Upper	
83	100		
85	62.4	50.1	75.1
127	8.8	7.1	10.7



#48

Methyl methacrylate

Concen: 17.178 ug/l

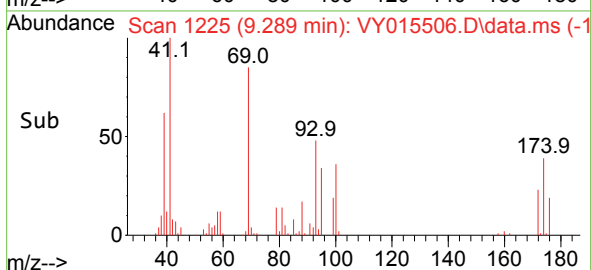
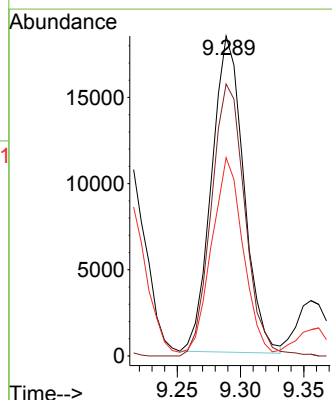
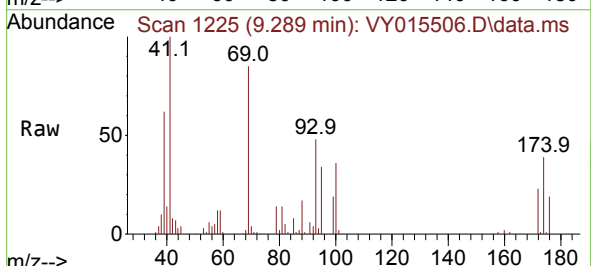
RT: 9.289 min Scan# 1225

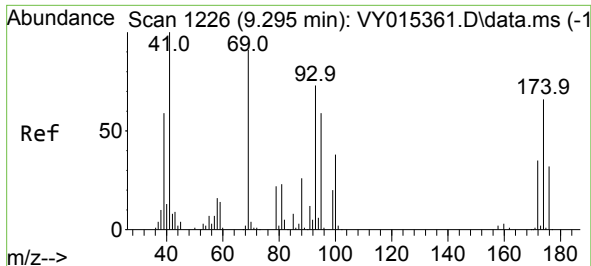
Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Tgt Ion:	41	Resp:	32492
Ion Ratio	Lower	Upper	
41	100		
69	89.7	64.5	96.7
39	61.8	50.8	76.2





#49

1,4-Dioxane

Concen: 336.145 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

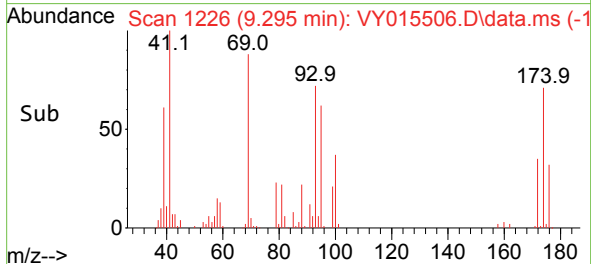
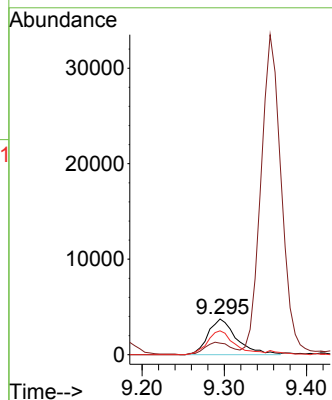
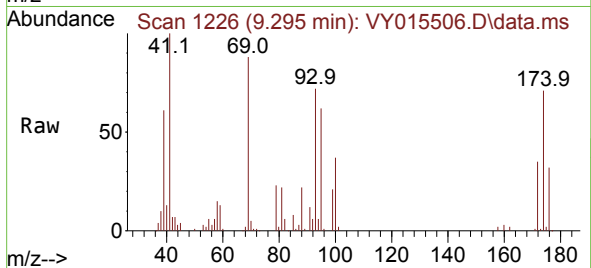
Tgt Ion: 88 Resp: 9017

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0#

58 63.6 30.9 46.3#



#50

Toluene-d8

Concen: 45.887 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015506.D

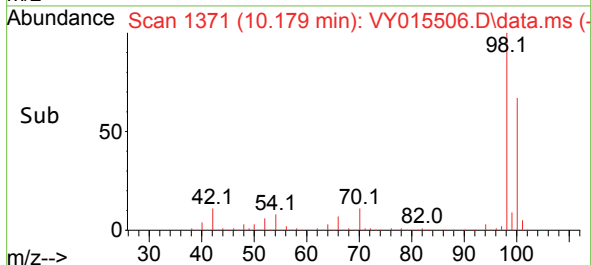
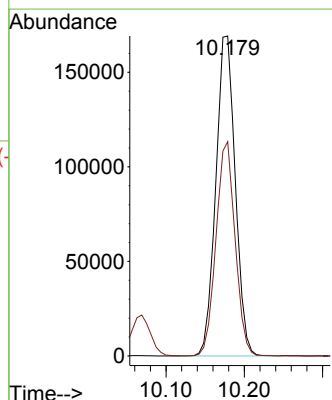
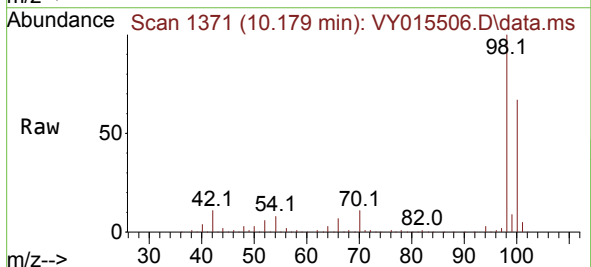
Acq: 12 Sep 2023 13:12

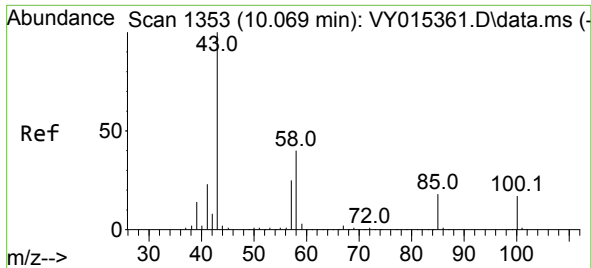
Tgt Ion: 98 Resp: 292541

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

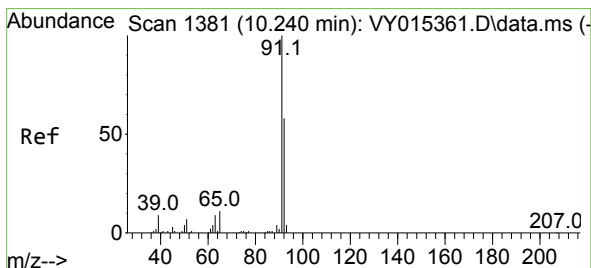
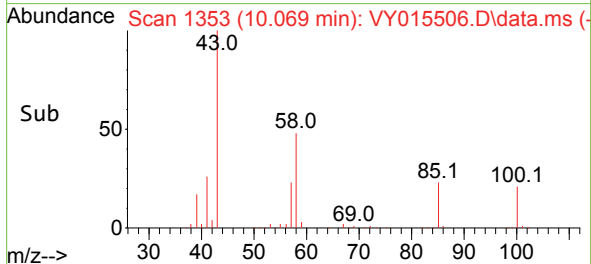
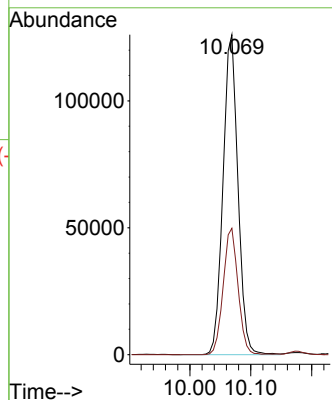
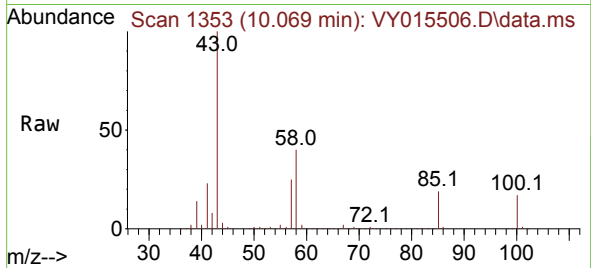




#51
4-Methyl-2-Pentanone
Concen: 89.727 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

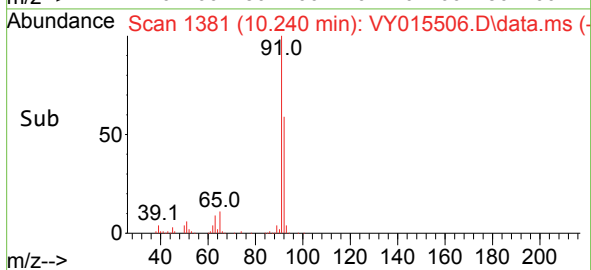
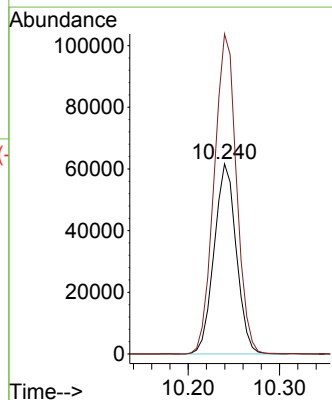
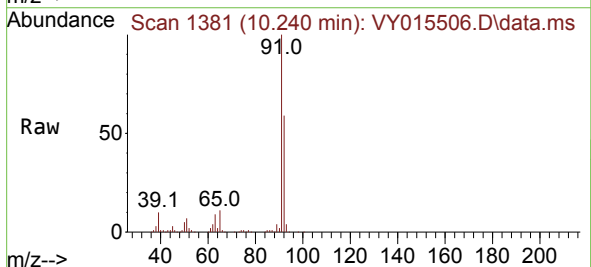
Instrument :
MSVOA_Y
ClientSampleId :

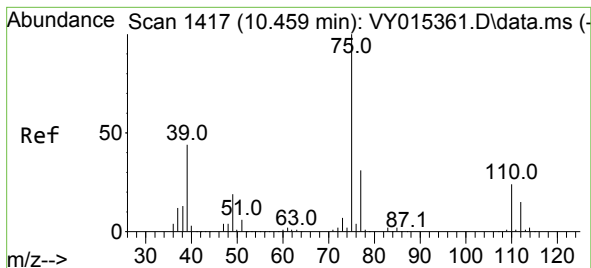
Tgt Ion: 43 Resp: 214998
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 18.773 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 92 Resp: 103773
Ion Ratio Lower Upper
92 100
91 170.1 143.8 215.6

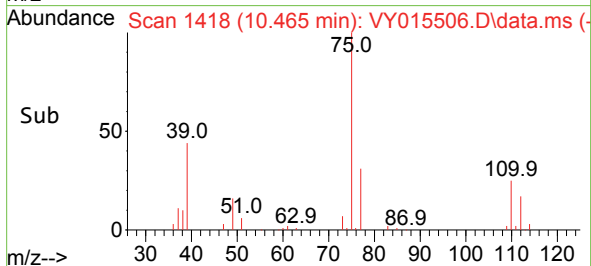
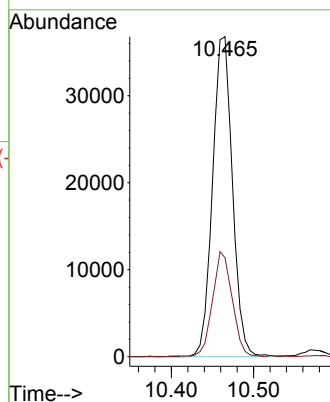
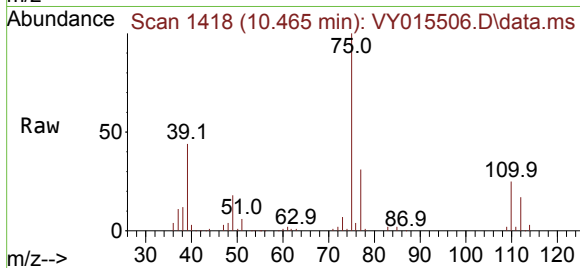




#53
 t-1,3-Dichloropropene
 Concen: 18.825 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015506.D
 Acq: 12 Sep 2023 13:12

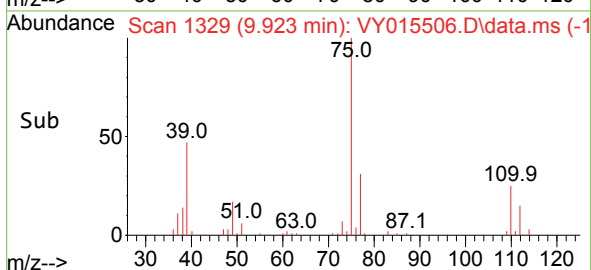
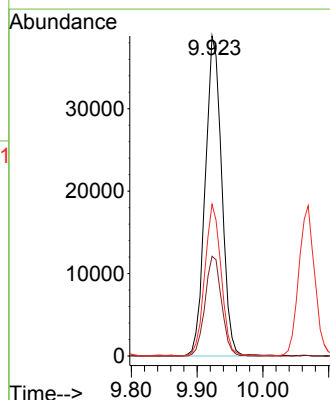
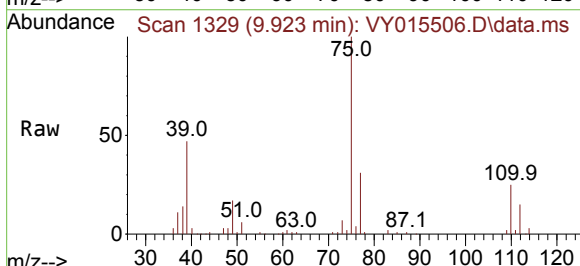
Instrument :
 MSVOA_Y
 ClientSampleId :

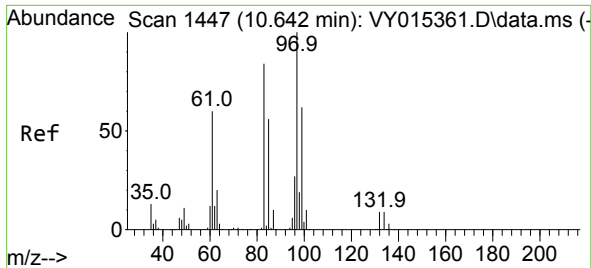
Tgt Ion: 75 Resp: 61787
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.936 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015506.D
 Acq: 12 Sep 2023 13:12

Tgt Ion: 75 Resp: 67610
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 47.4 42.2 63.4

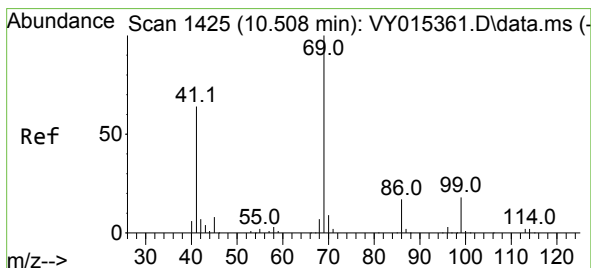
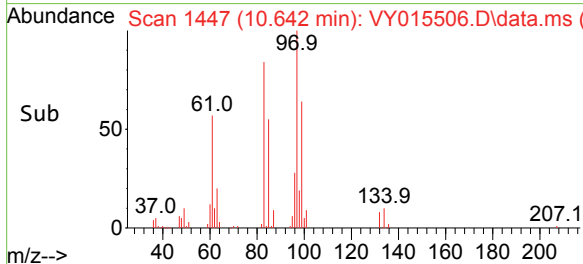
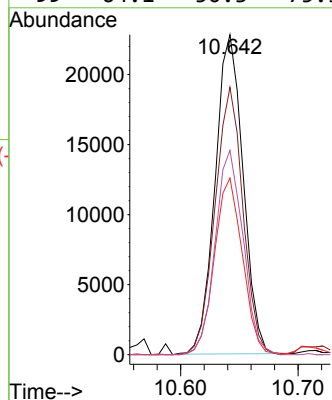
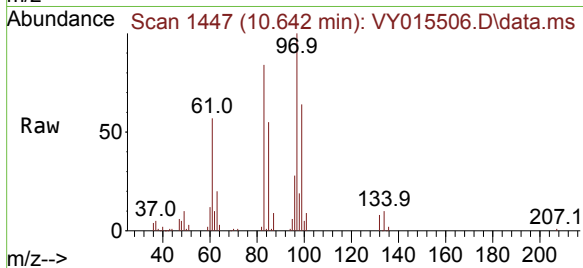




#55
1,1,2-Trichloroethane
Concen: 19.388 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

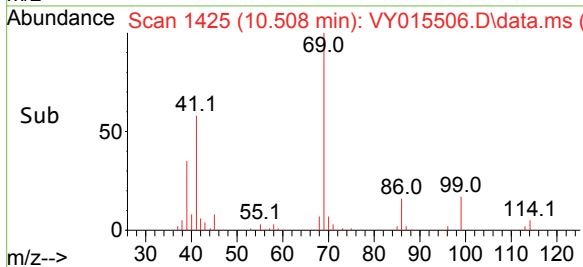
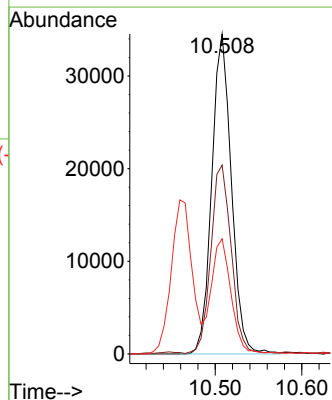
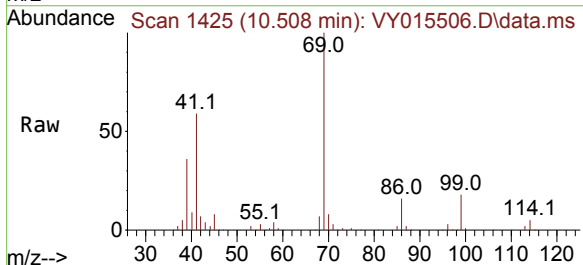
Instrument :
MSVOA_Y
ClientSampleId :

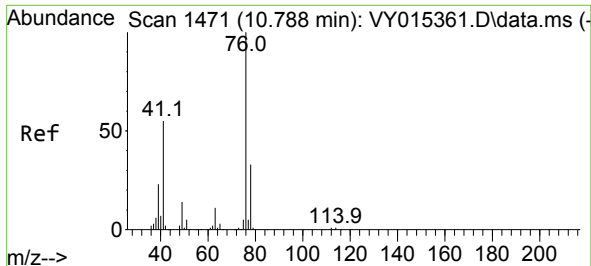
Tgt Ion:	97	Resp:	37727
Ion	Ratio	Lower	Upper
97	100		
83	83.8	72.0	108.0
85	55.4	45.4	68.0
99	64.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 18.850 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion:	69	Resp:	54357
Ion	Ratio	Lower	Upper
69	100		
41	60.9	57.6	86.4
39	36.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 19.186 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

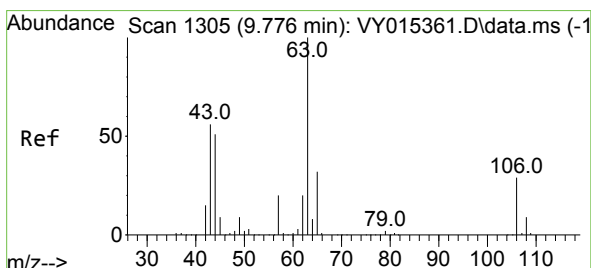
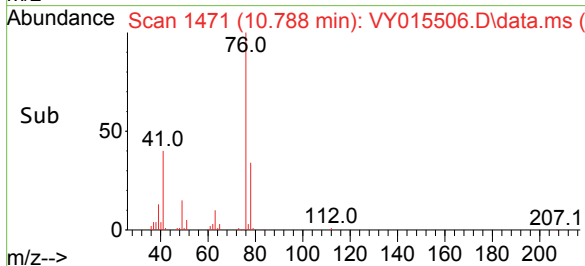
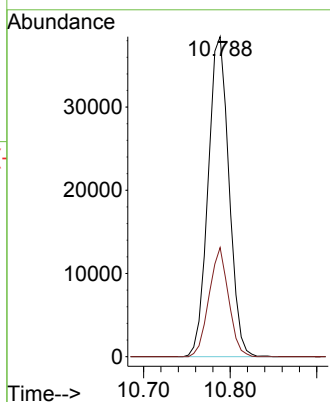
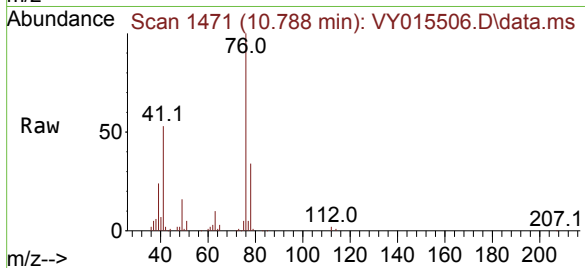
ClientSampleId :

Tgt Ion: 76 Resp: 64266

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 84.338 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015506.D

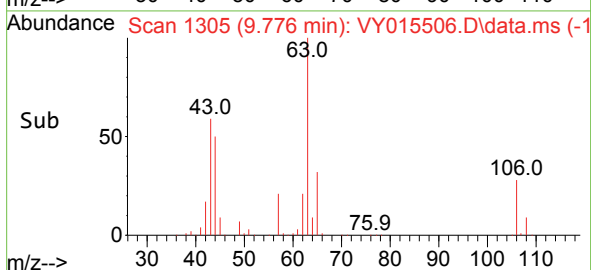
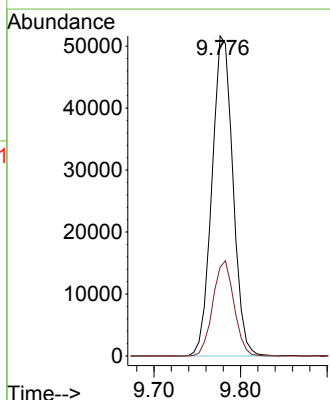
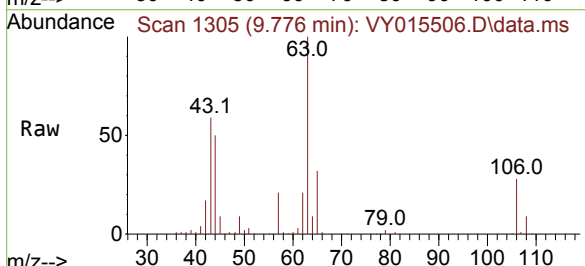
Acq: 12 Sep 2023 13:12

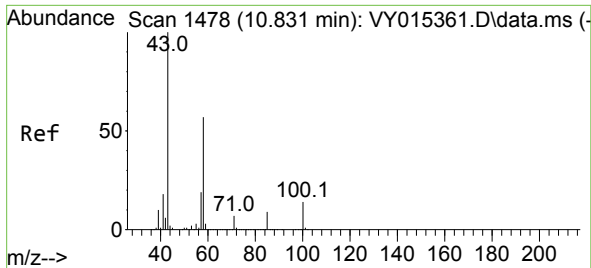
Tgt Ion: 63 Resp: 86805

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

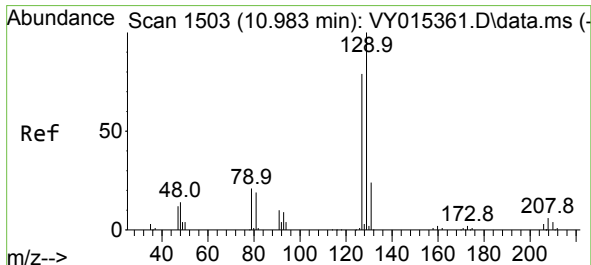
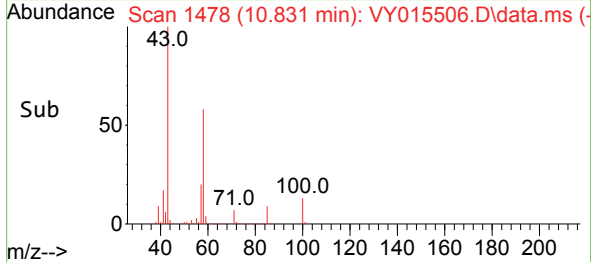
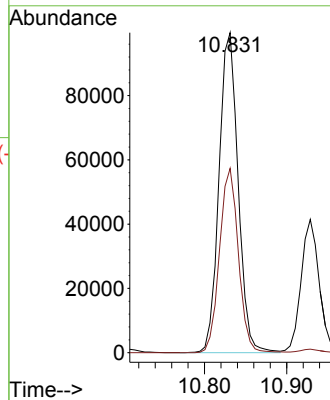
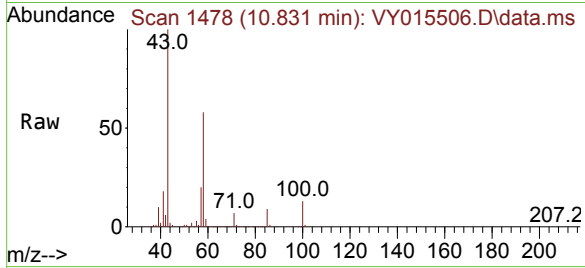




#59
2-Hexanone
Concen: 89.432 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

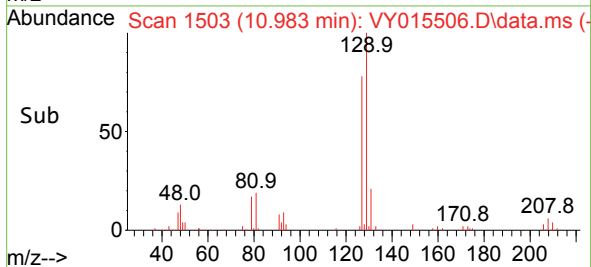
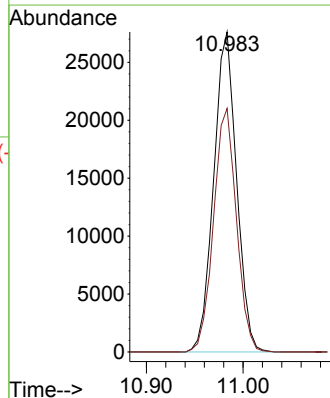
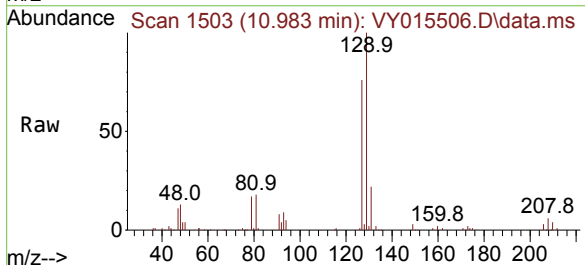
Instrument :
MSVOA_Y
ClientSampleId :

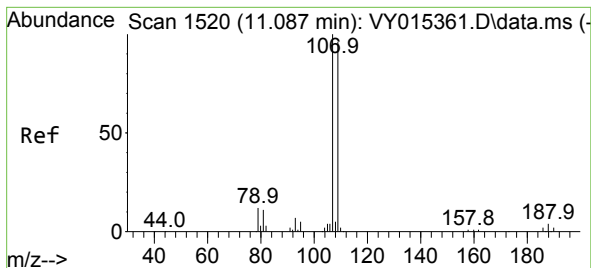
Tgt Ion: 43 Resp: 160794
Ion Ratio Lower Upper
43 100
58 56.8 25.1 75.3



#60
Dibromochloromethane
Concen: 19.903 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 129 Resp: 45331
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

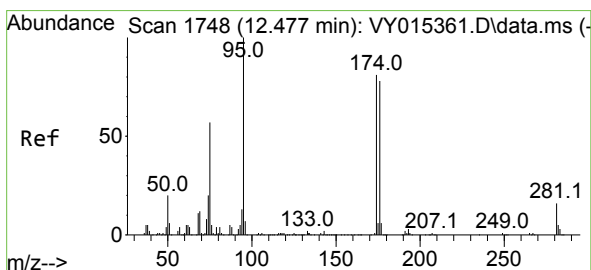
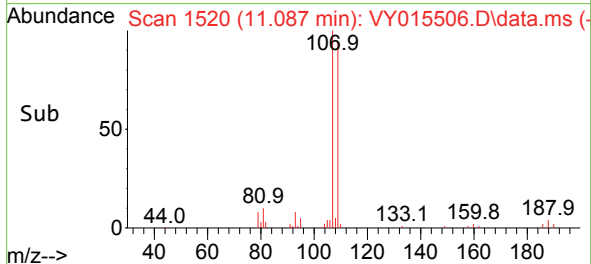
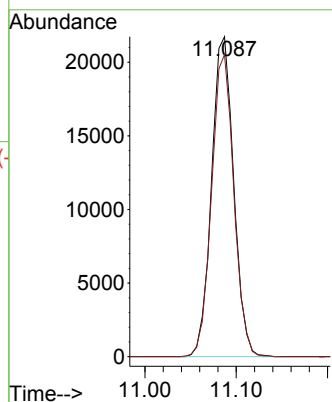
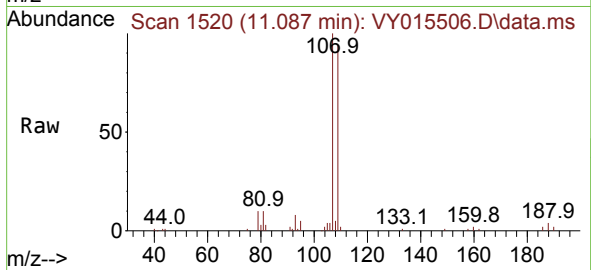




#61
1,2-Dibromoethane
Concen: 18.510 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

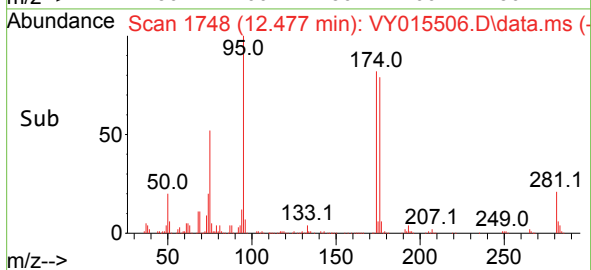
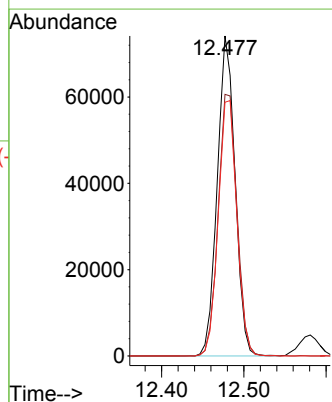
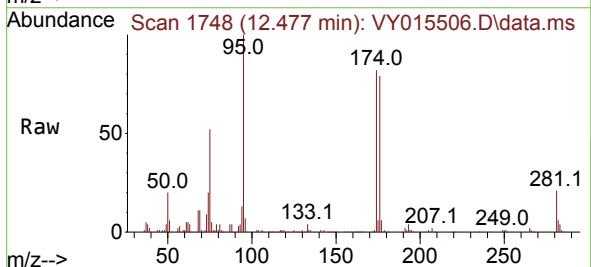
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 36496
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 95 Resp: 111643
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

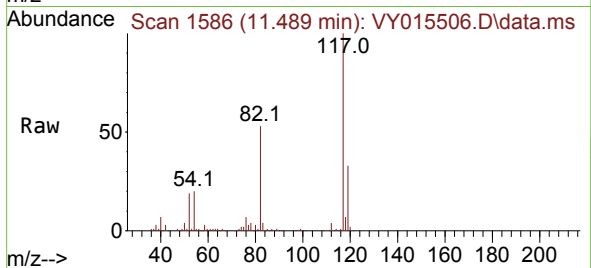
Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :



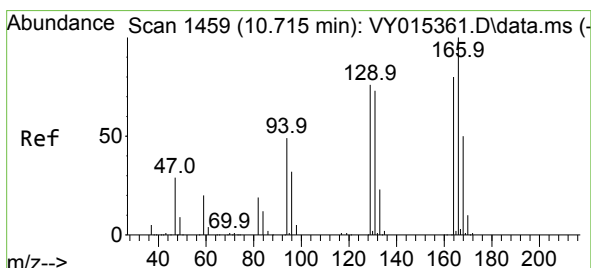
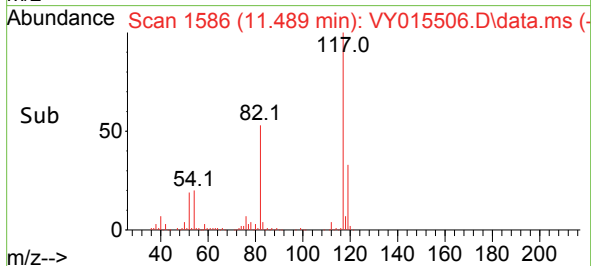
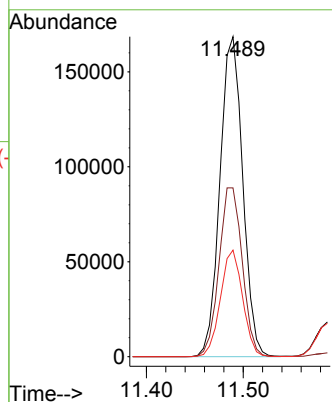
Tgt Ion:117 Resp: 275570

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 33.3 26.3 39.5



#64

Tetrachloroethene

Concen: 19.855 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Tgt Ion:164 Resp: 49663

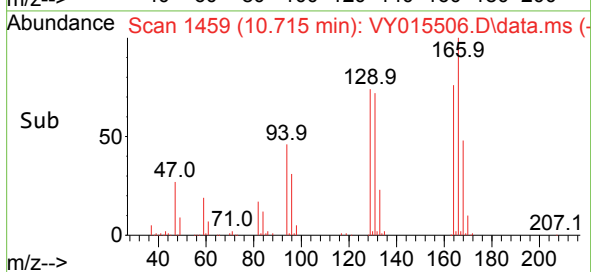
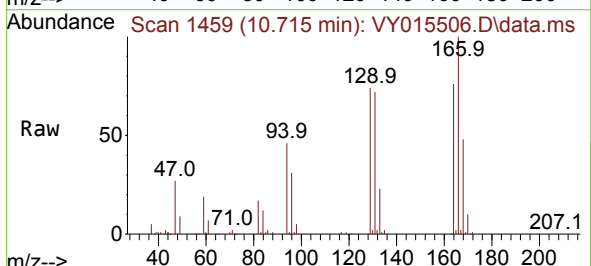
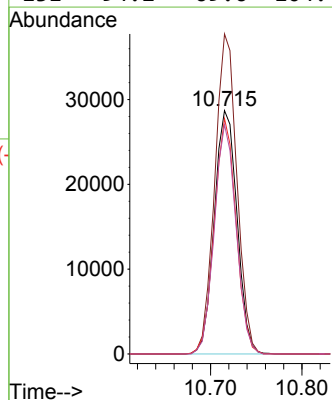
Ion Ratio Lower Upper

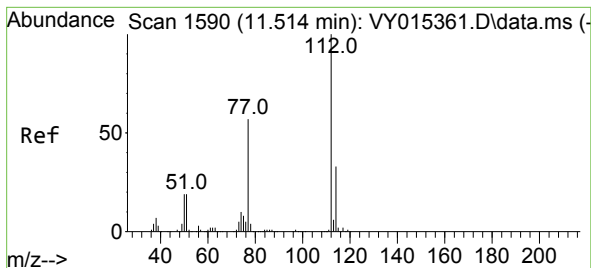
164 100

166 131.5 103.0 154.6

129 96.7 77.2 115.8

131 94.2 69.6 104.4





#65

Chlorobenzene

Concen: 19.513 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

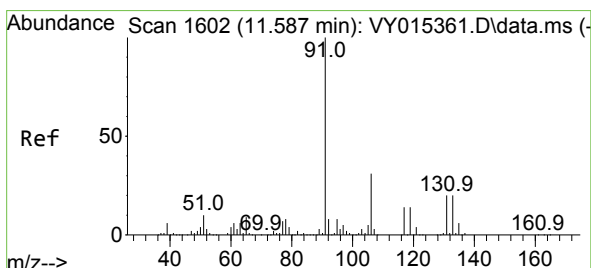
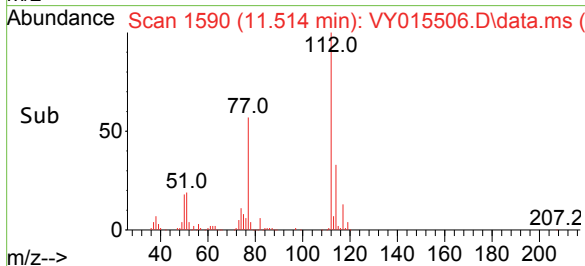
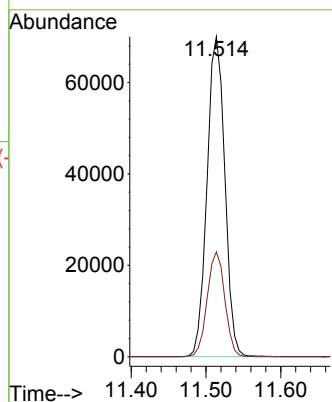
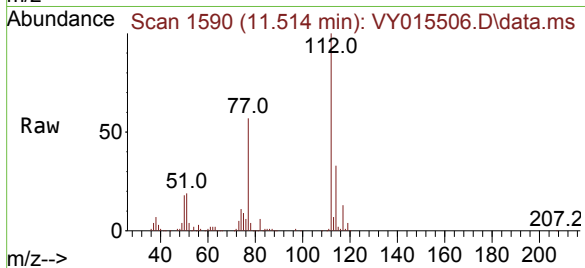
ClientSampleId :

Tgt Ion:112 Resp: 115869

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.159 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

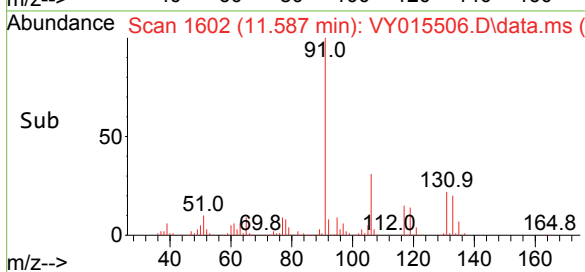
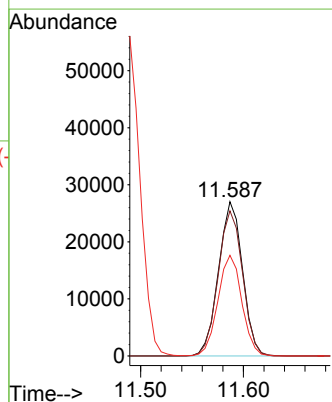
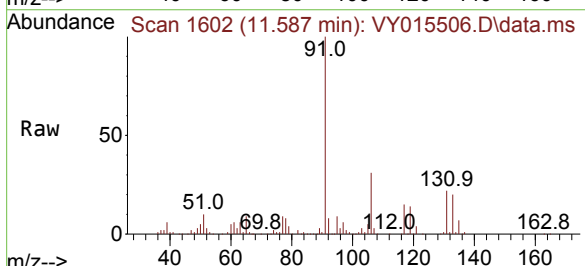
Tgt Ion:131 Resp: 43814

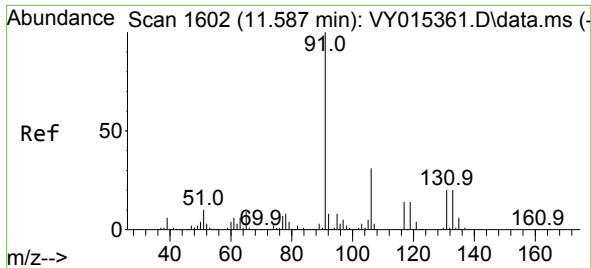
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 65.0 31.6 94.7

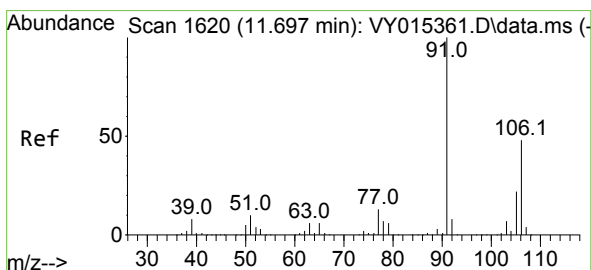
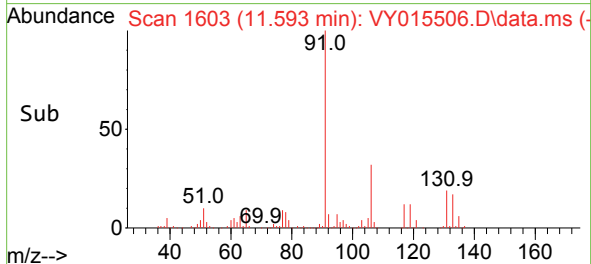
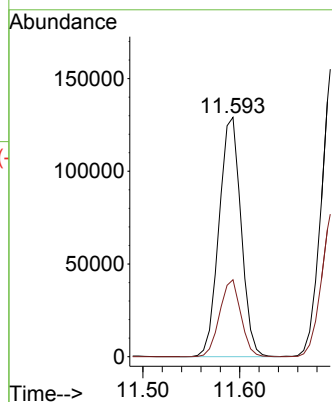
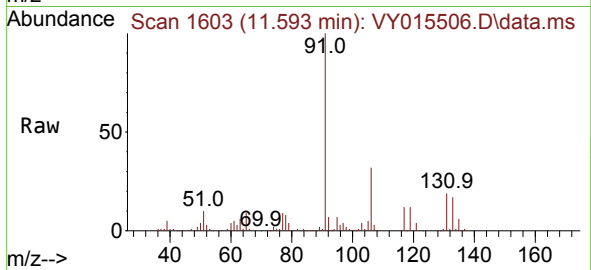




#67
Ethyl Benzene
Concen: 19.091 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

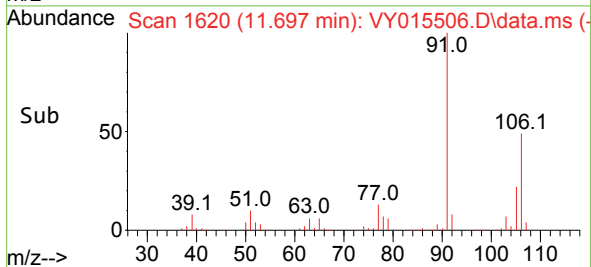
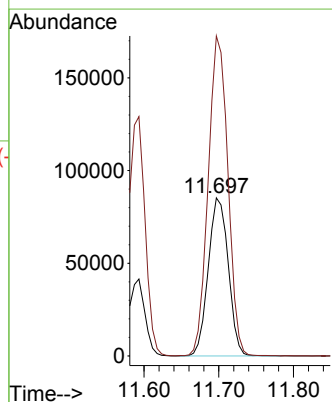
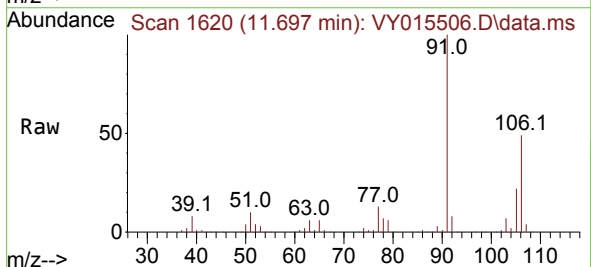
Instrument :
MSVOA_Y
ClientSampleId :

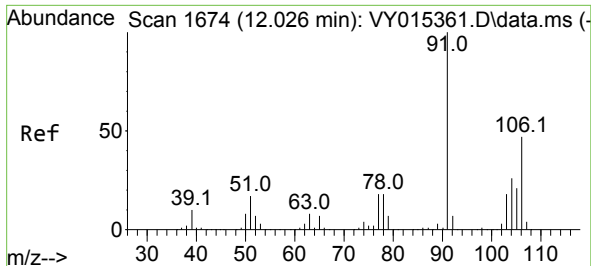
Tgt Ion: 91 Resp: 203560
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 38.383 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion:106 Resp: 158640
Ion Ratio Lower Upper
106 100
91 199.0 166.1 249.1

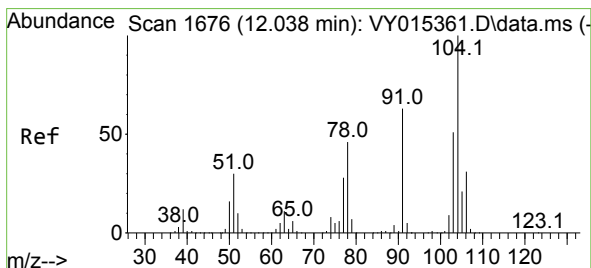
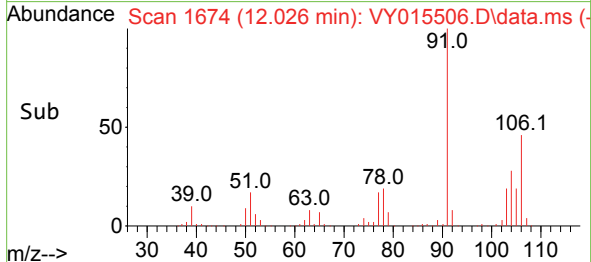
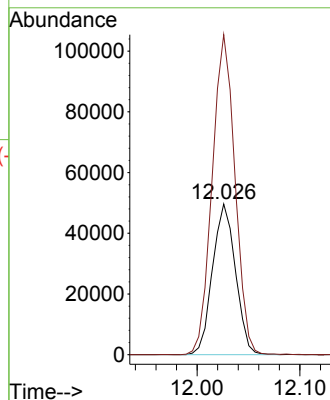
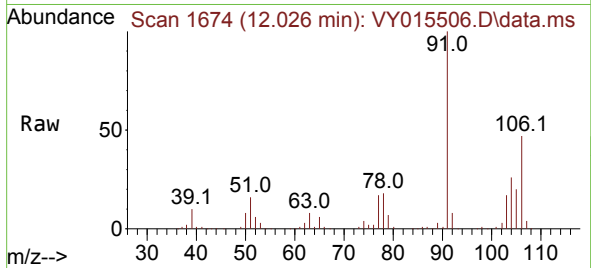




#69
o-Xylene
Concen: 19.465 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

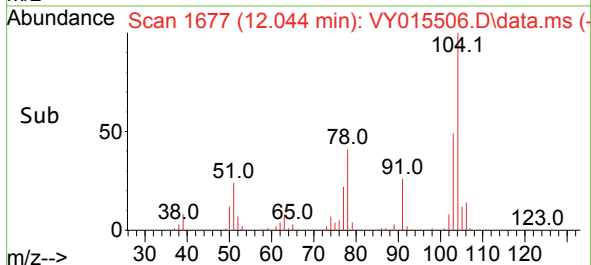
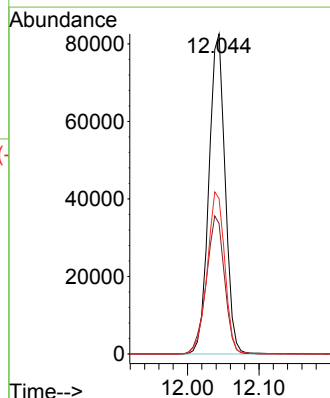
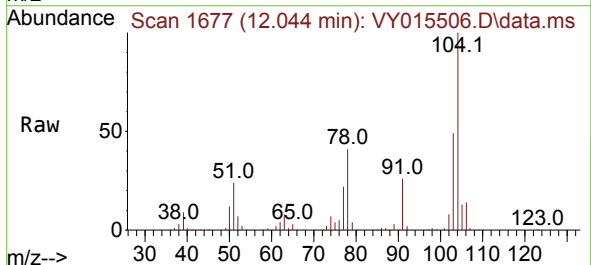
Instrument :
MSVOA_Y
ClientSampleId :

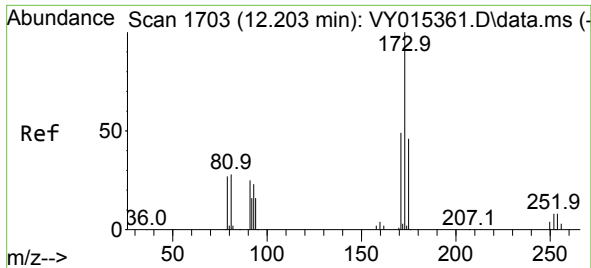
Tgt Ion:106 Resp: 76884
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.3



#70
Styrene
Concen: 19.614 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion:104 Resp: 130267
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.9 44.6 67.0

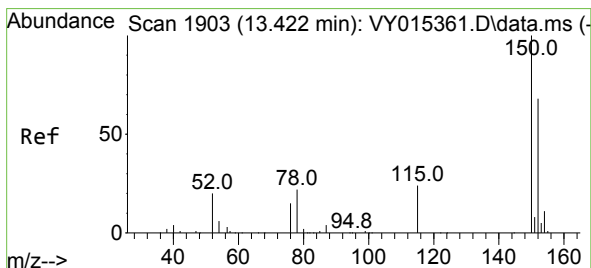
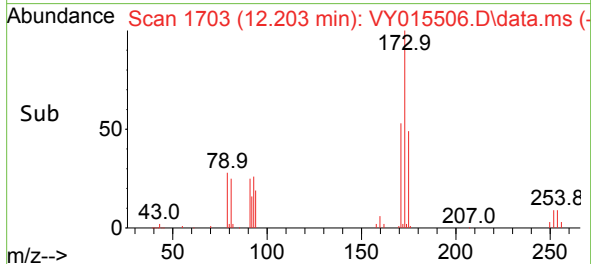
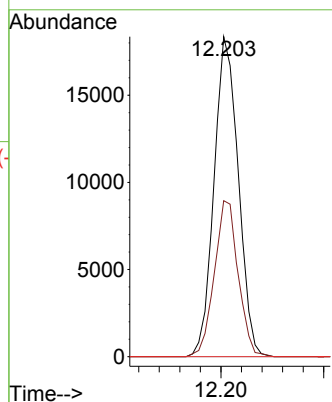
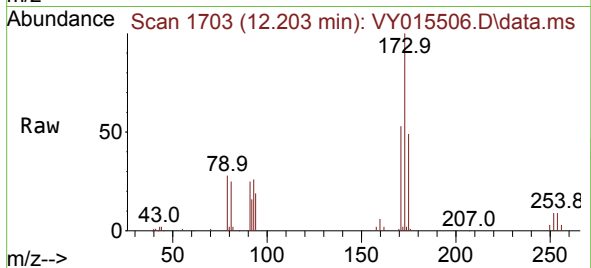




#71
Bromoform
Concen: 19.804 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

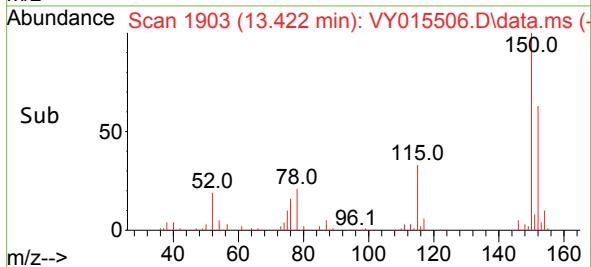
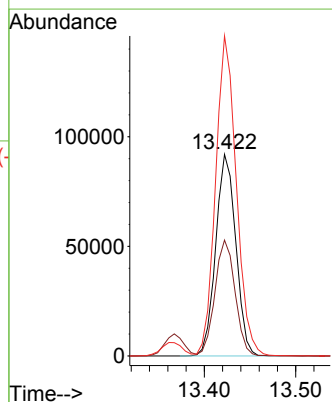
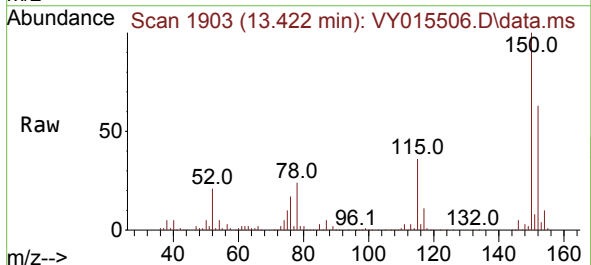
Instrument :
MSVOA_Y
ClientSampleId :

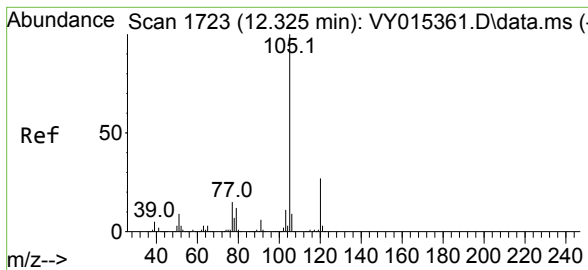
Tgt Ion:173 Resp: 30026
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion:152 Resp: 140516
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 163.8 0.0 348.8

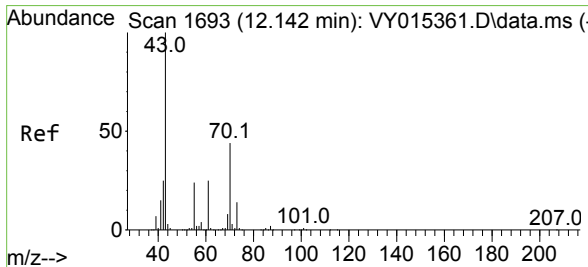
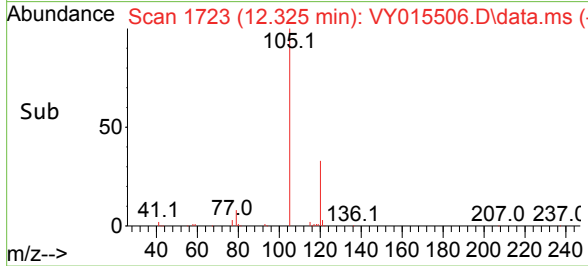
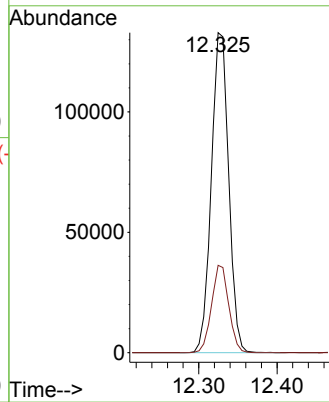
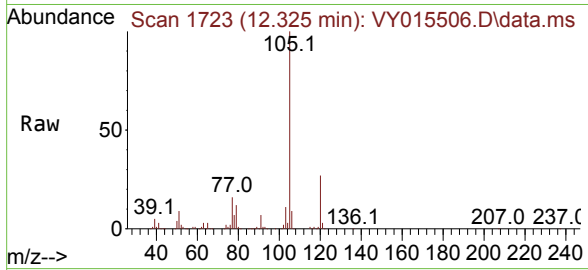




#73
Isopropylbenzene
Concen: 19.372 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

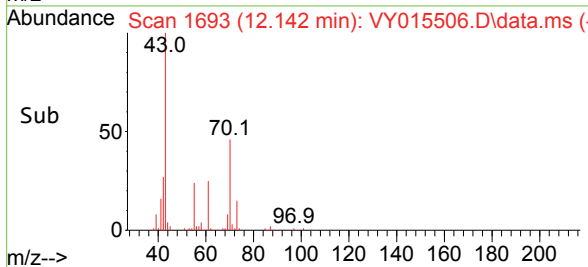
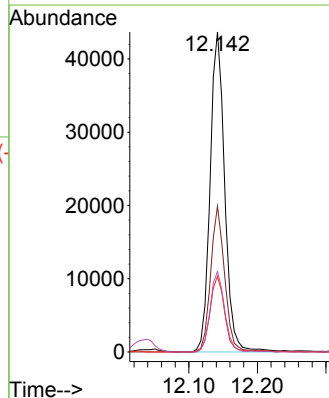
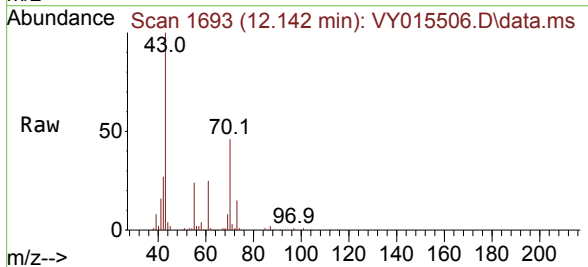
Instrument :
MSVOA_Y
ClientSampleId :

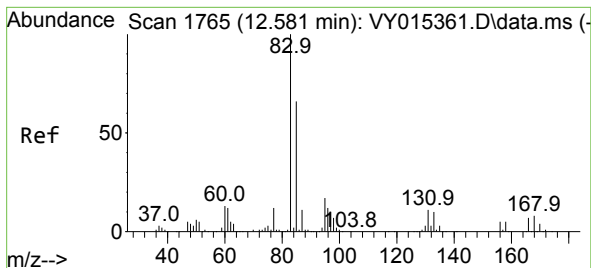
Tgt Ion:105 Resp: 204460
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 18.261 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 43 Resp: 64752
Ion Ratio Lower Upper
43 100
70 44.2 29.7 44.5
55 23.3 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.744 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

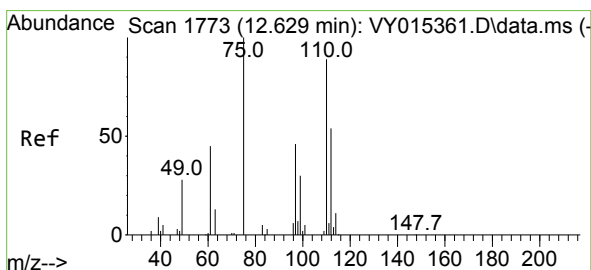
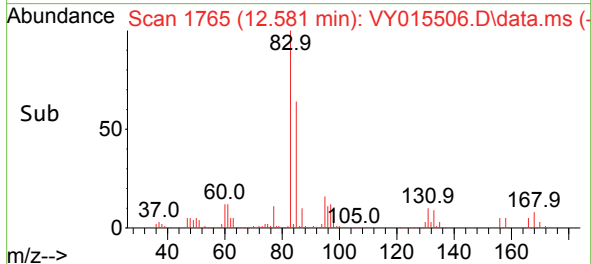
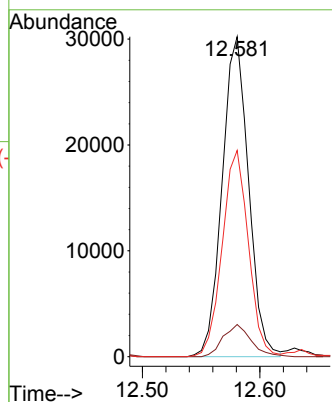
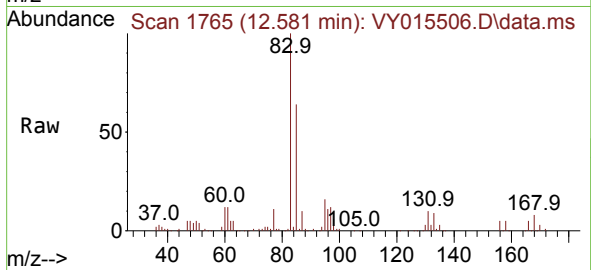
Tgt Ion: 83 Resp: 47226

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.356 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015506.D

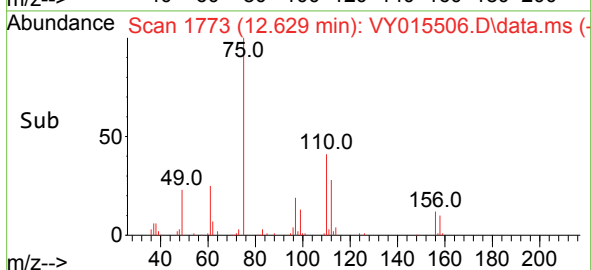
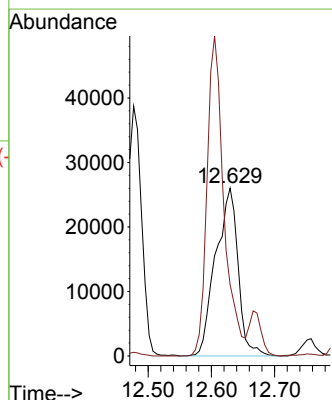
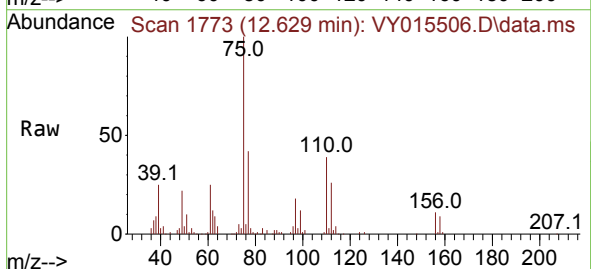
Acq: 12 Sep 2023 13:12

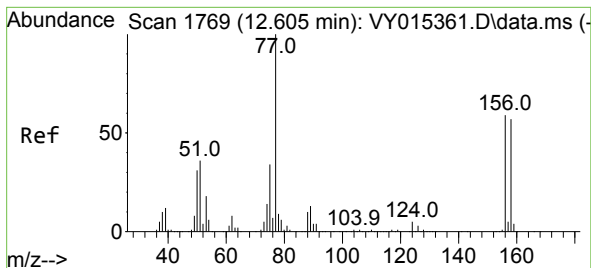
Tgt Ion: 75 Resp: 64018

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.796 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

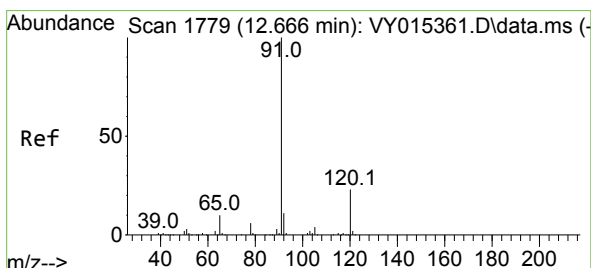
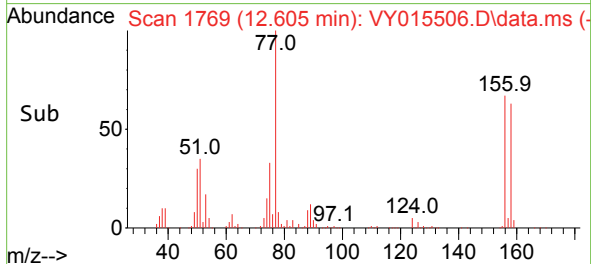
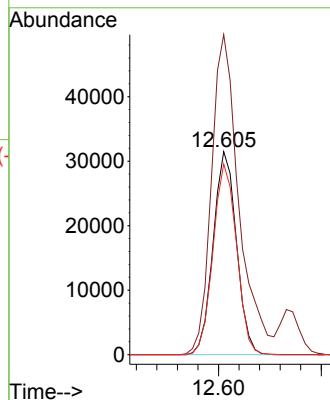
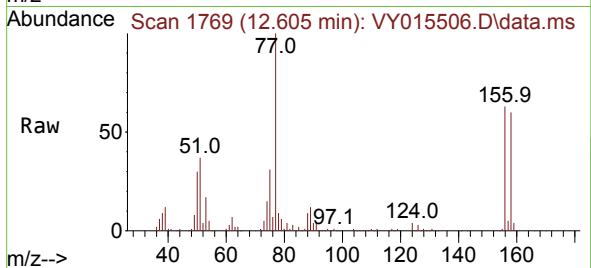
Tgt Ion:156 Resp: 49485

Ion Ratio Lower Upper

156 100

77 186.5 92.8 278.6

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 19.197 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015506.D

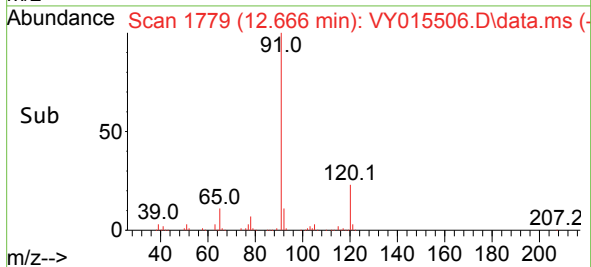
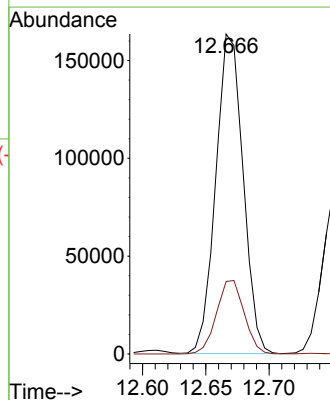
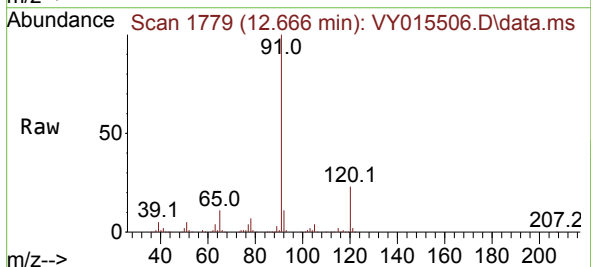
Acq: 12 Sep 2023 13:12

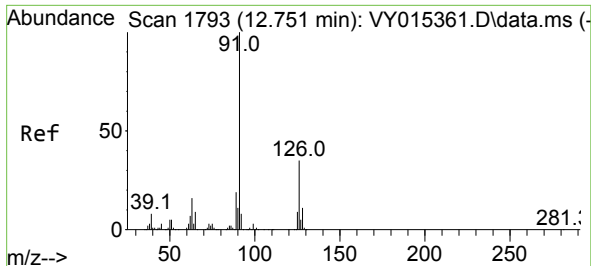
Tgt Ion: 91 Resp: 245173

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

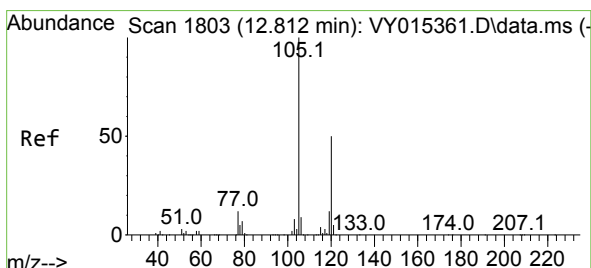
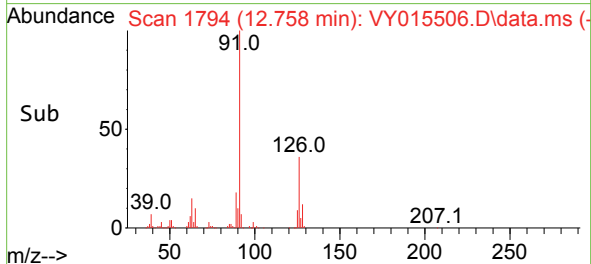
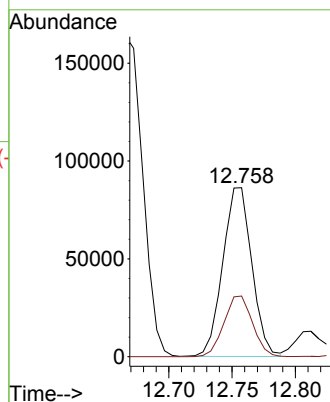
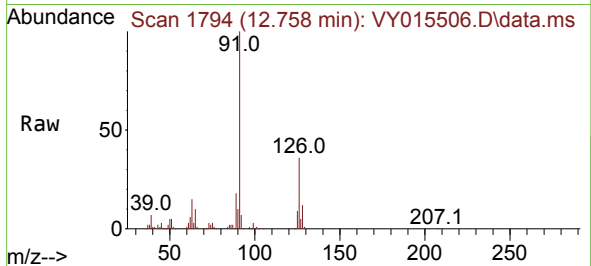




#79
2-Chlorotoluene
Concen: 19.269 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

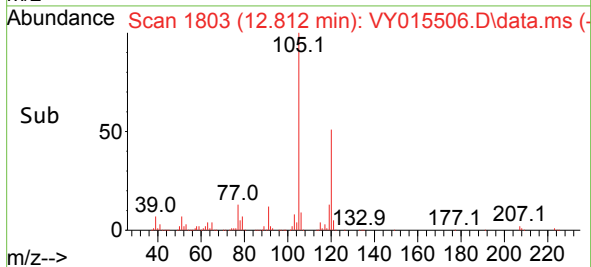
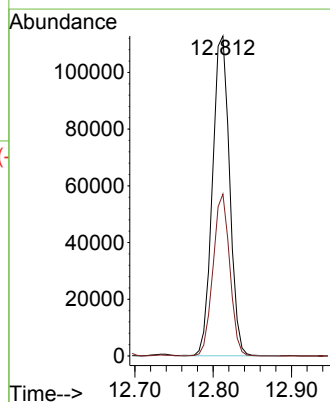
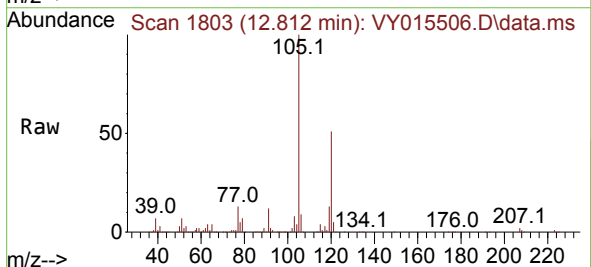
Instrument :
MSVOA_Y
ClientSampleId :

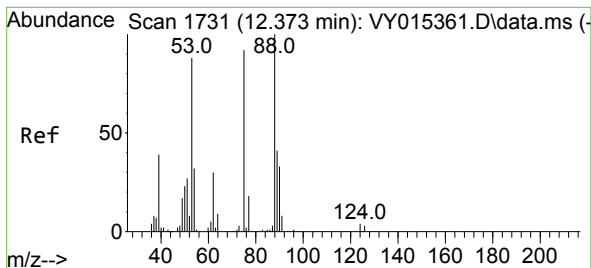
Tgt Ion: 91 Resp: 138027
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.362 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 105 Resp: 170936
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

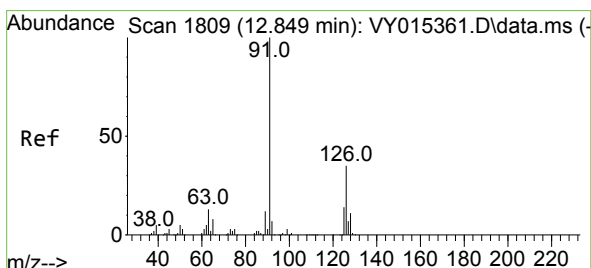
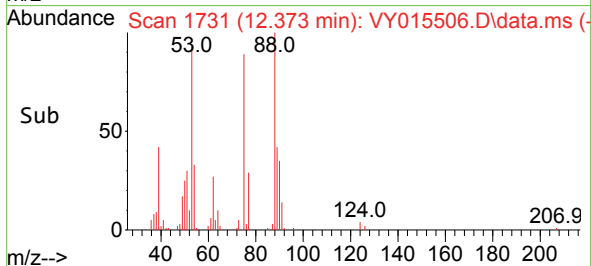
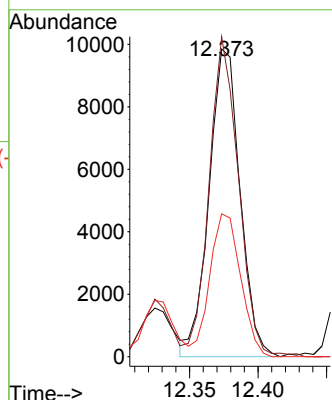
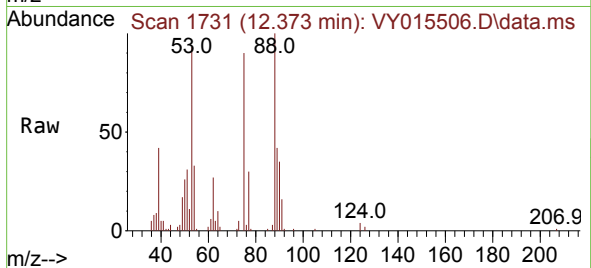




#81
trans-1,4-Dichloro-2-butene
Concen: 18.351 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

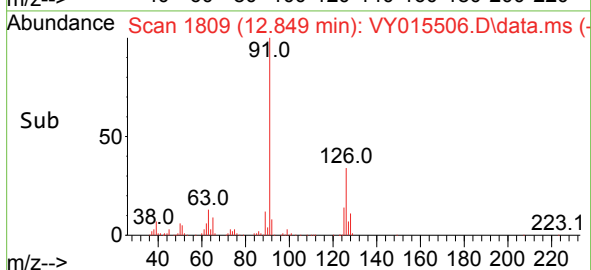
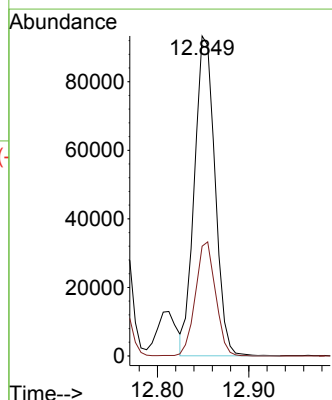
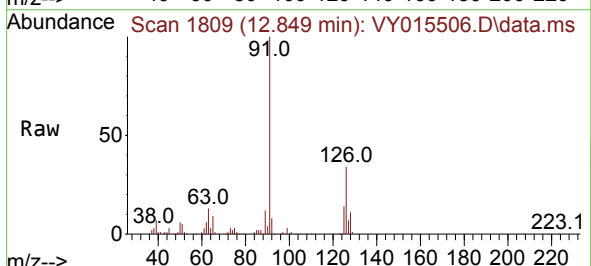
Instrument :
MSVOA_Y
ClientSampleId :

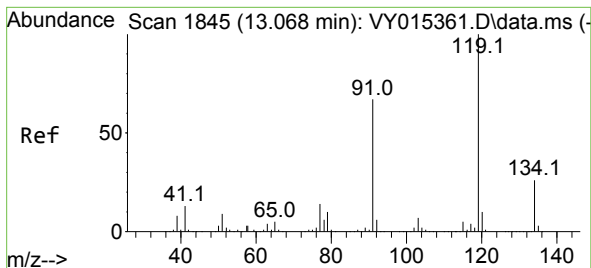
Tgt Ion: 75 Resp: 15502
Ion Ratio Lower Upper
75 100
53 98.6 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.561 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY015506.D
Acq: 12 Sep 2023 13:12

Tgt Ion: 91 Resp: 145628
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.623 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

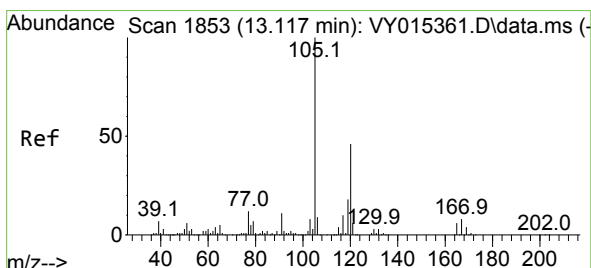
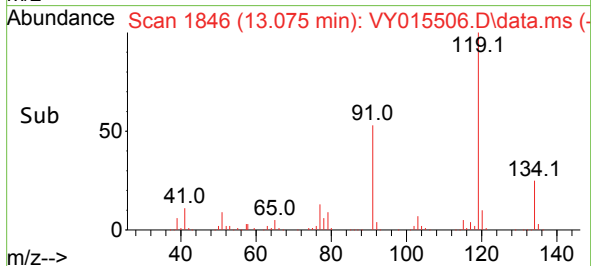
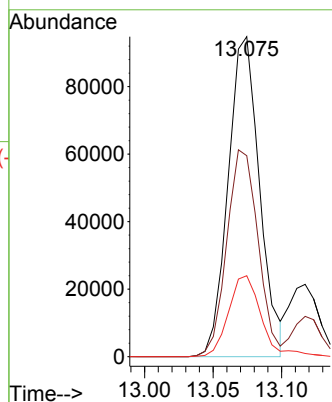
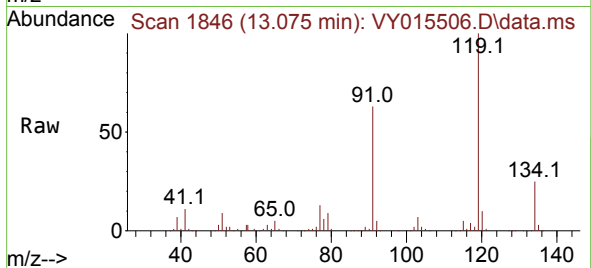
Tgt Ion:119 Resp: 151730

Ion Ratio Lower Upper

119 100

91 64.3 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.453 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015506.D

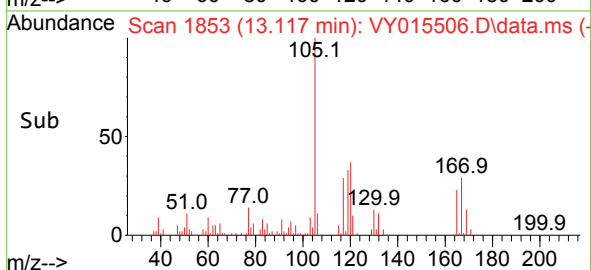
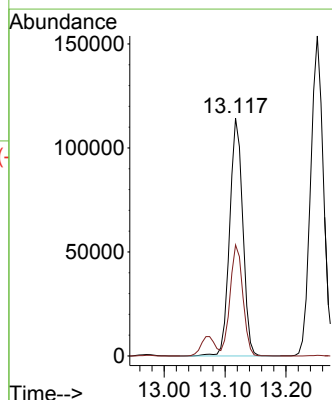
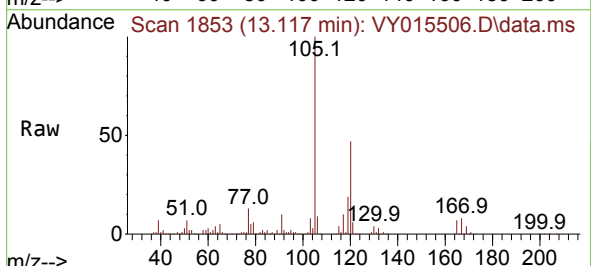
Acq: 12 Sep 2023 13:12

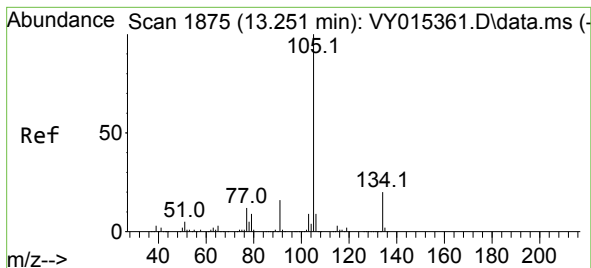
Tgt Ion:105 Resp: 170517

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.415 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

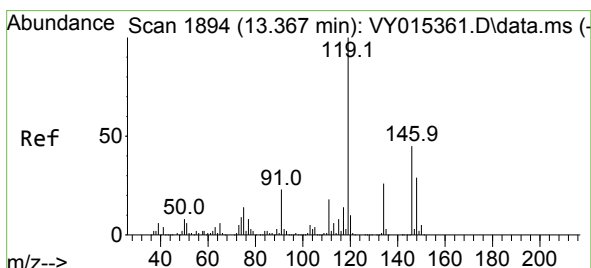
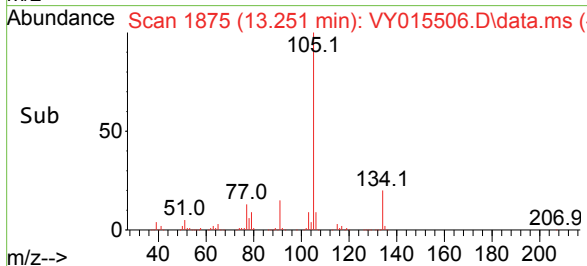
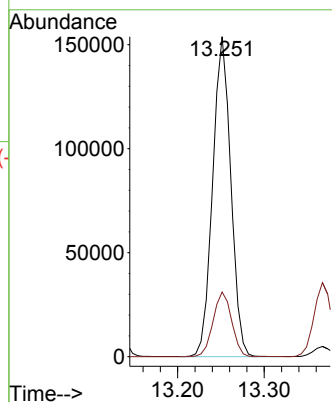
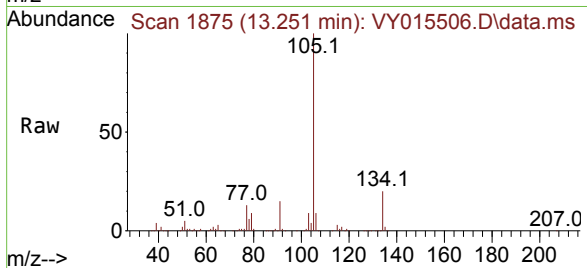
ClientSampleId :

Tgt Ion:105 Resp: 223916

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.474 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

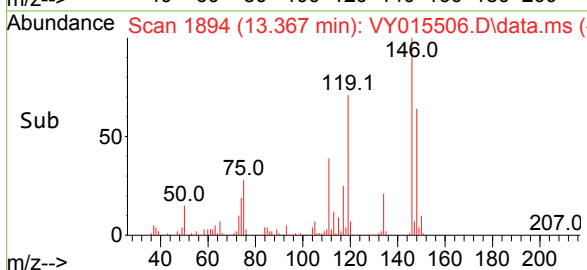
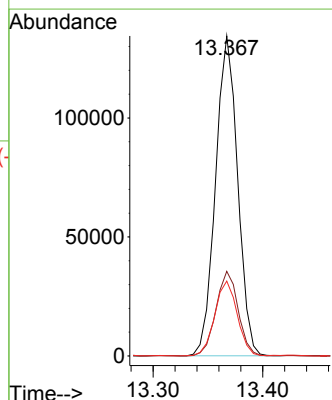
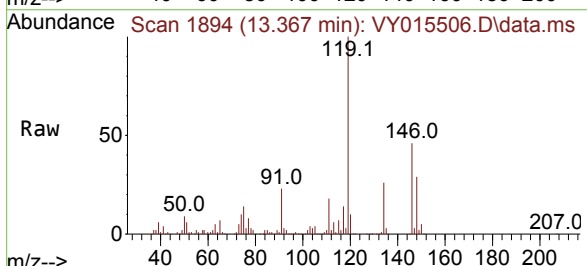
Tgt Ion:119 Resp: 188238

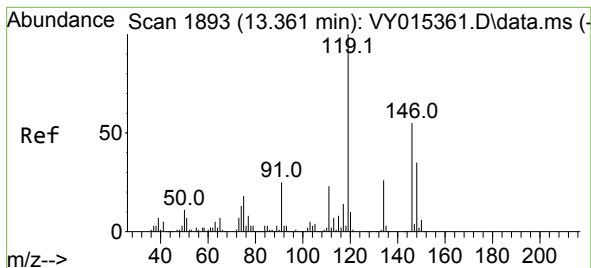
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.792 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

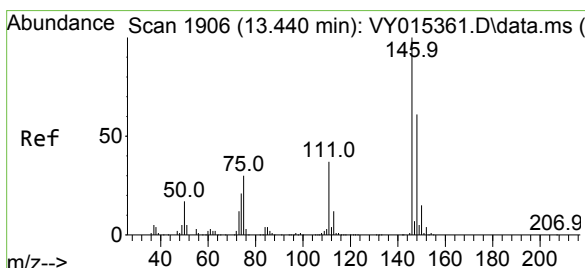
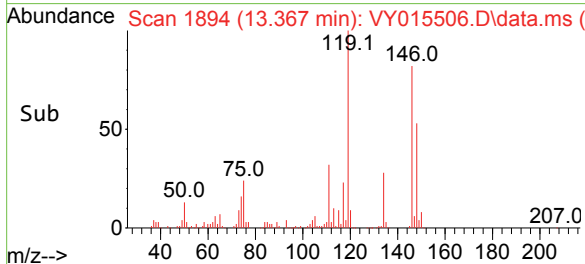
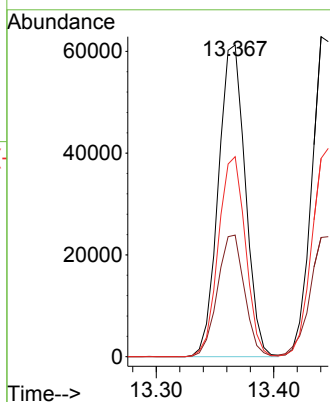
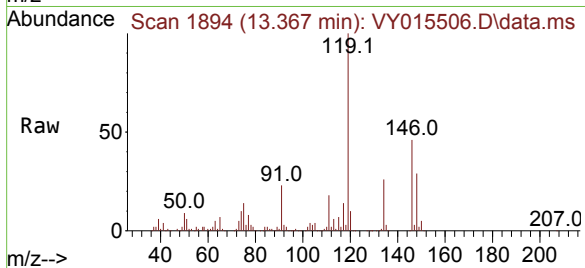
Tgt Ion:146 Resp: 97675

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.820 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

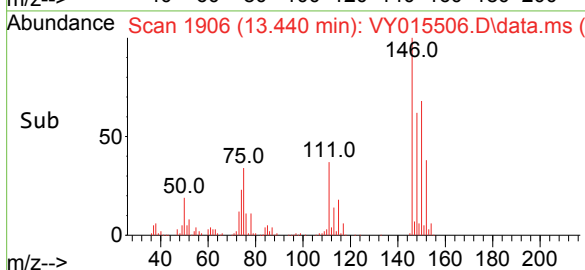
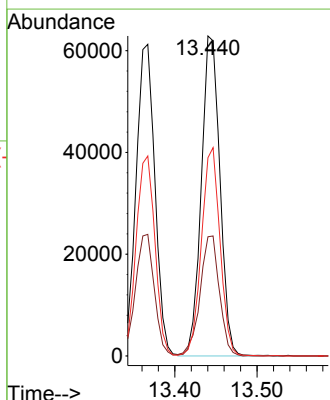
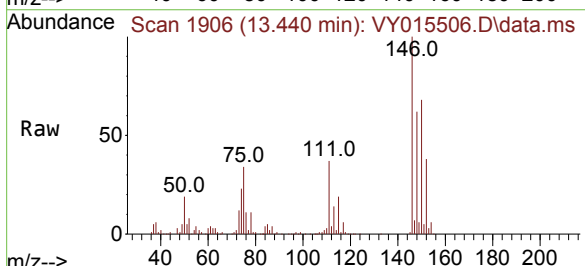
Tgt Ion:146 Resp: 98874

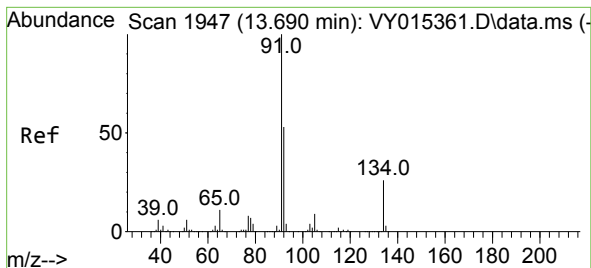
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 19.232 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

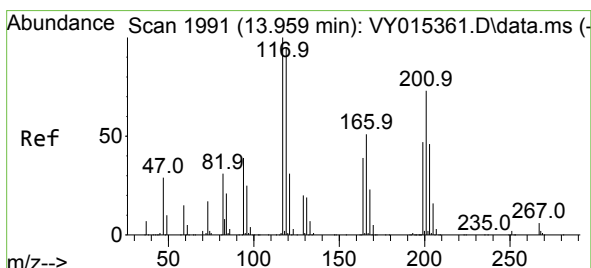
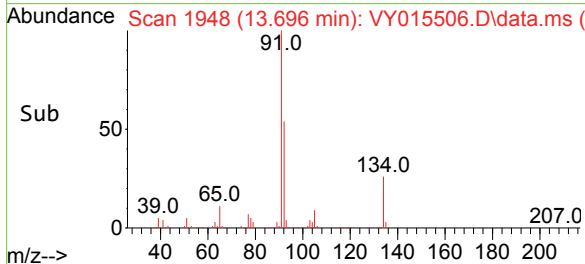
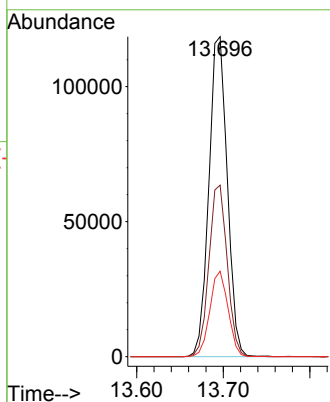
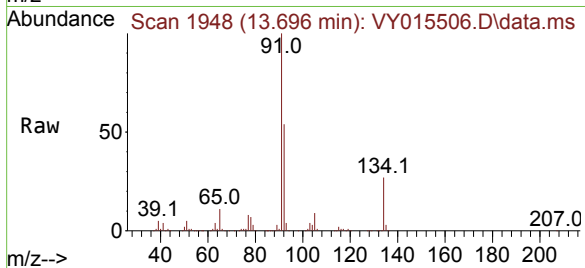
Tgt Ion: 91 Resp: 174968

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.116 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015506.D

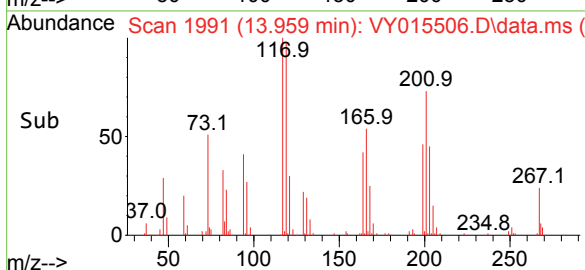
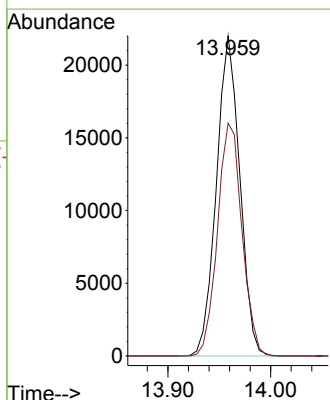
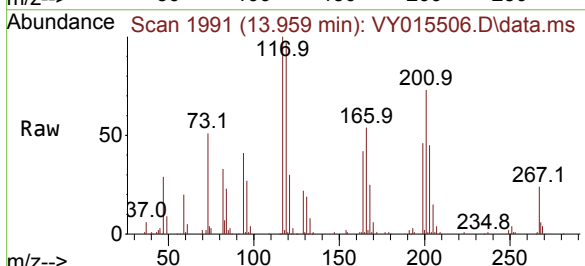
Acq: 12 Sep 2023 13:12

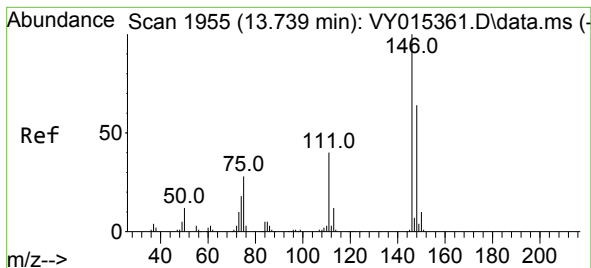
Tgt Ion: 117 Resp: 34776

Ion Ratio Lower Upper

117 100

201 76.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.219 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

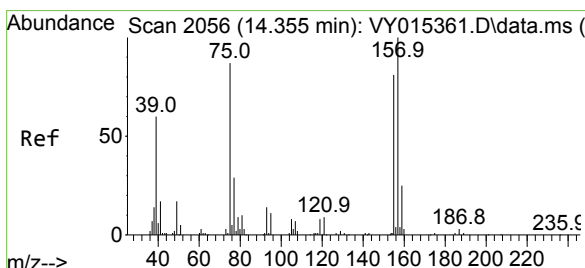
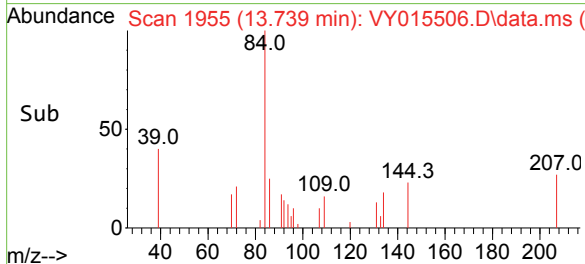
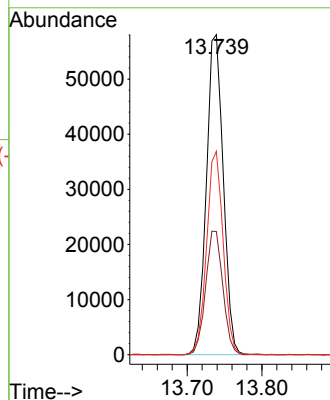
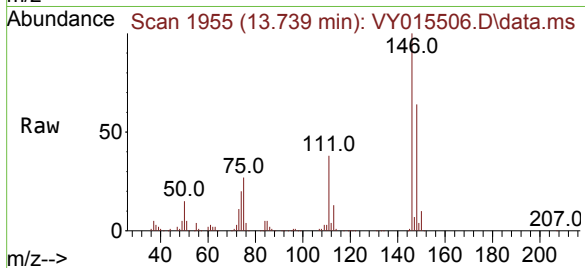
Tgt Ion:146 Resp: 91061

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 62.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.249 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

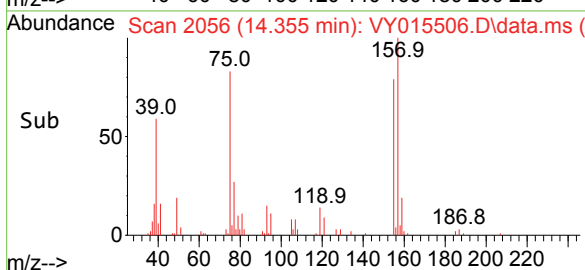
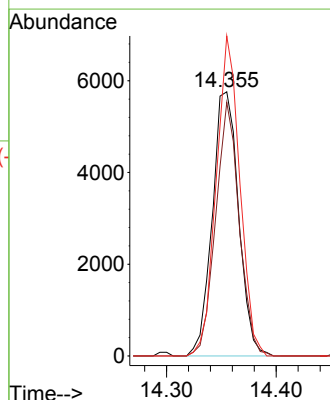
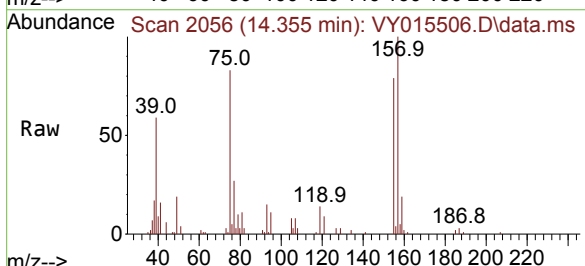
Tgt Ion: 75 Resp: 9594

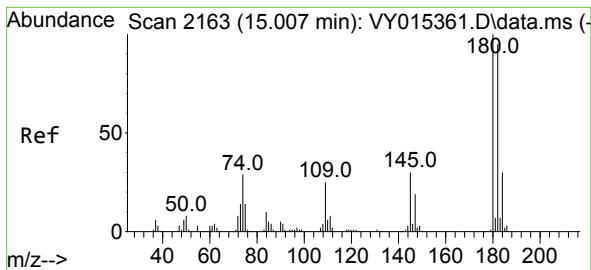
Ion Ratio Lower Upper

75 100

155 86.1 41.5 124.6

157 108.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.088 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

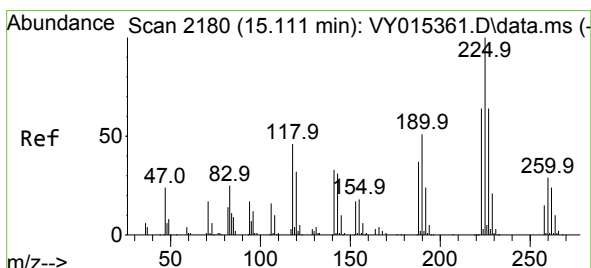
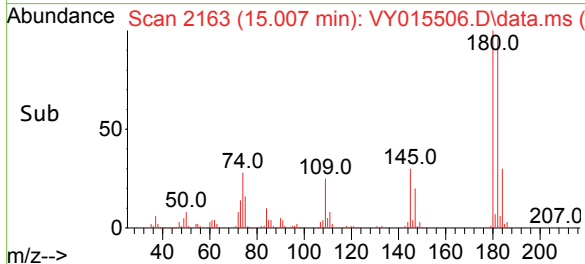
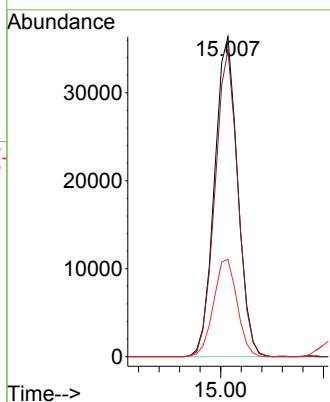
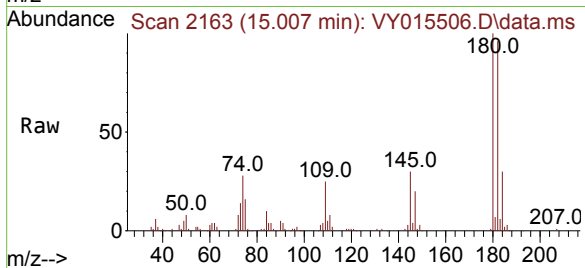
Tgt Ion:180 Resp: 56817

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.949 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

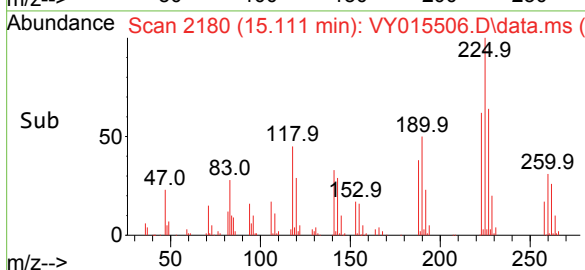
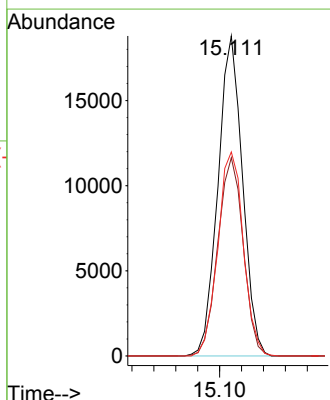
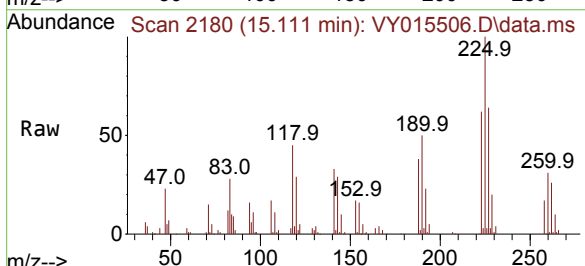
Tgt Ion:225 Resp: 29225

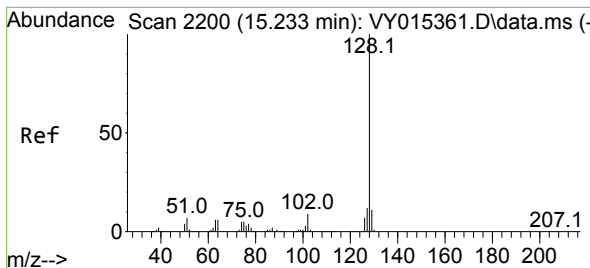
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 66.2 33.0 98.9





#95

Naphthalene

Concen: 19.084 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

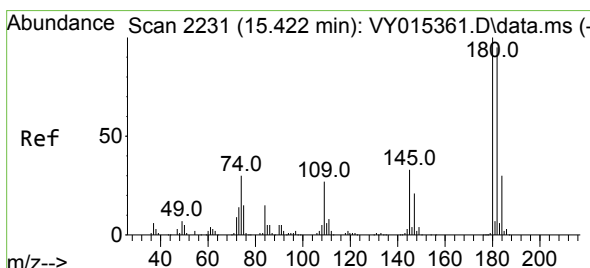
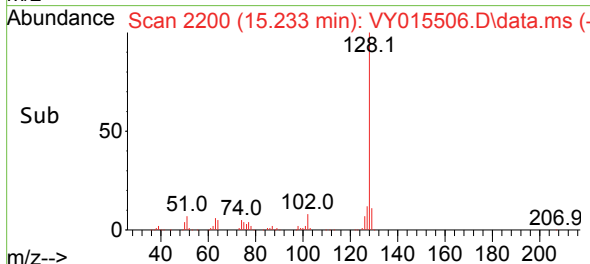
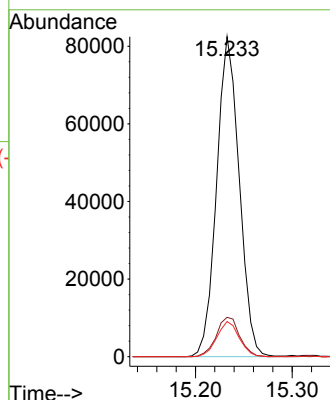
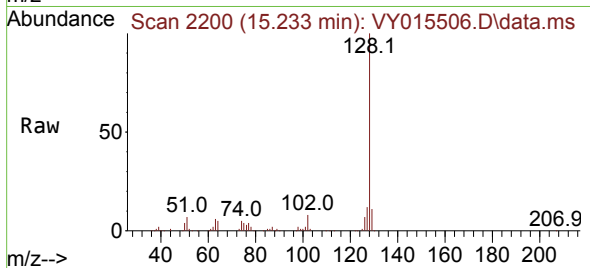
Tgt Ion:128 Resp: 133707

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.970 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015506.D

Acq: 12 Sep 2023 13:12

Tgt Ion:180 Resp: 51520

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.5 15.4 46.2

