

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015002.D
 Acq On : 09 Aug 2023 13:55
 Operator : SY/MD
 Sample : VY0809SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

Quant Time: Aug 10 01:44:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	322762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	529754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	478074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	243503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	212383	54.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.580%	
35) Dibromofluoromethane	7.710	113	186153	54.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.900%	
50) Toluene-d8	10.173	98	669650	51.934	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.477	95	245402	53.699	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41236	21.028	ug/l	97
3) Chloromethane	2.107	50	50615	19.926	ug/l	98
4) Vinyl Chloride	2.241	62	59044	18.864	ug/l	98
5) Bromomethane	2.625	94	39800	17.052	ug/l	100
6) Chloroethane	2.778	64	41314	19.117	ug/l #	88
7) Trichlorofluoromethane	3.113	101	101307	20.482	ug/l	98
8) Diethyl Ether	3.522	74	38740	21.226	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	58694	20.046	ug/l	95
10) Methyl Iodide	4.076	142	65225	21.546	ug/l	99
11) Tert butyl alcohol	4.936	59	137430	145.564	ug/l #	97
12) 1,1-Dichloroethene	3.857	96	50179	19.669	ug/l	93
13) Acrolein	3.723	56	49490	154.088	ug/l	99
14) Allyl chloride	4.466	41	88392	20.806	ug/l	96
15) Acrylonitrile	5.155	53	122840	110.166	ug/l	99
16) Acetone	3.948	43	152566	125.067	ug/l	95
17) Carbon Disulfide	4.180	76	101804	18.049	ug/l	98
18) Methyl Acetate	4.473	43	113342	25.514	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	210556	21.815	ug/l	99
20) Methylene Chloride	4.704	84	147196	24.120	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	56947	19.583	ug/l	96
22) Diisopropyl ether	6.113	45	209586	21.180	ug/l	93
23) Vinyl Acetate	6.052	43	570066	95.832	ug/l	96
24) 1,1-Dichloroethane	6.003	63	116428	20.743	ug/l	99
25) 2-Butanone	6.984	43	205015	117.338	ug/l	98
26) 2,2-Dichloropropane	6.972	77	111369	19.609	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	74777	20.320	ug/l	99
28) Bromochloromethane	7.332	49	54265	21.446	ug/l	91
29) Tetrahydrofuran	7.344	42	113580	110.852	ug/l	90
30) Chloroform	7.496	83	128146	21.017	ug/l	99
31) Cyclohexane	7.783	56	86504	19.213	ug/l #	90
32) 1,1,1-Trichloroethane	7.698	97	112089	20.860	ug/l	98
36) 1,1-Dichloropropene	7.911	75	82931	19.718	ug/l	99
37) Ethyl Acetate	7.070	43	73963	22.155	ug/l #	95
38) Carbon Tetrachloride	7.893	117	95042	20.101	ug/l	96
39) Methylcyclohexane	9.179	83	95194	19.033	ug/l	96
40) Benzene	8.155	78	247877	20.015	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	105716	65.161	ug/l #	28
42) 1,2-Dichloroethane	8.228	62	92482	21.453	ug/l	94
43) Isopropyl Acetate	8.271	43	135934	21.916	ug/l	97
44) Trichloroethene	8.935	130	75630	21.283	ug/l	98
45) 1,2-Dichloropropane	9.210	63	68096	20.689	ug/l	100
46) Dibromomethane	9.301	93	44494	20.985	ug/l	97
47) Bromodichloromethane	9.490	83	103629	21.224	ug/l	99
48) Methyl methacrylate	9.289	41	60930	22.389	ug/l	93
49) 1,4-Dioxane	9.301	88	17796	451.230	ug/l #	66
51) 4-Methyl-2-Pentanone	10.063	43	394530	112.872	ug/l	94
52) Toluene	10.240	92	161558	20.272	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	108468	21.332	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	114576	20.856	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	64440	20.911	ug/l	99
56) Ethyl methacrylate	10.508	69	94869	21.499	ug/l	92
57) 1,3-Dichloropropane	10.789	76	107585	21.101	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.777	63	227178	108.883	ug/l	93
59) 2-Hexanone	10.825	43	300940	116.549	ug/l	92
60) Dibromochloromethane	10.984	129	78749	21.461	ug/l	99
61) 1,2-Dibromoethane	11.087	107	63610	21.625	ug/l	100
64) Tetrachloroethene	10.715	164	88613	24.641	ug/l	98
65) Chlorobenzene	11.514	112	185033	20.397	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	75150	21.141	ug/l	99
67) Ethyl Benzene	11.587	91	325540	20.448	ug/l	100
68) m/p-Xylenes	11.697	106	250796	41.180	ug/l	96
69) o-Xylene	12.026	106	124409	20.876	ug/l	97
70) Styrene	12.038	104	207784	20.402	ug/l	99
71) Bromoform	12.203	173	52936	21.605	ug/l #	100
73) Isopropylbenzene	12.325	105	325978	19.915	ug/l	99
74) N-amyl acetate	12.142	43	114098	20.402	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	81344	20.335	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	112772	38.650	ug/l #	100
77) Bromobenzene	12.605	156	81080	20.421	ug/l	98
78) n-propylbenzene	12.666	91	392225	20.034	ug/l	100
79) 2-Chlorotoluene	12.752	91	227991	20.433	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	277043	20.538	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	28102	21.218	ug/l	99
82) 4-Chlorotoluene	12.849	91	234478	20.328	ug/l	100
83) tert-Butylbenzene	13.069	119	246985	20.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	286571	21.205	ug/l	99
85) sec-Butylbenzene	13.251	105	363619	20.078	ug/l	99
86) p-Isopropyltoluene	13.367	119	300142	20.021	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	159411	20.512	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	160053	20.651	ug/l	99
89) n-Butylbenzene	13.690	91	283480	20.126	ug/l	96
90) Hexachloroethane	13.959	117	59566	20.461	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	148255	20.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17194	22.014	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	98163	21.387	ug/l	98
94) Hexachlorobutadiene	15.111	225	52741	21.191	ug/l	99
95) Naphthalene	15.233	128	241288	22.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	88481	21.298	ug/l	98

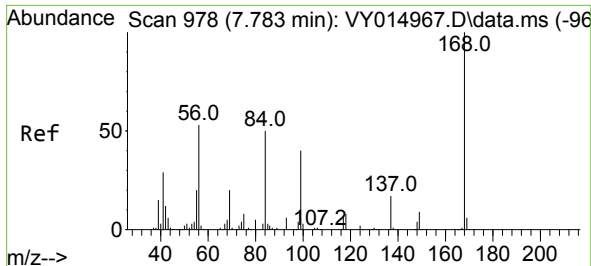
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Response via : Initial Calibration

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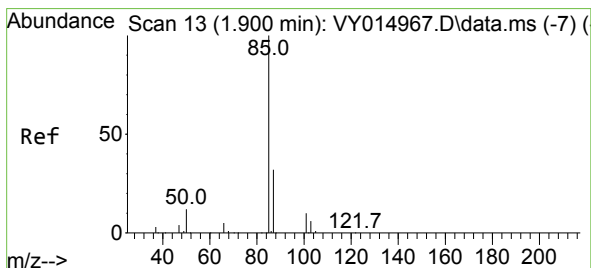
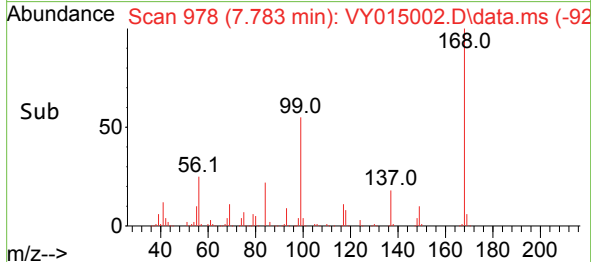
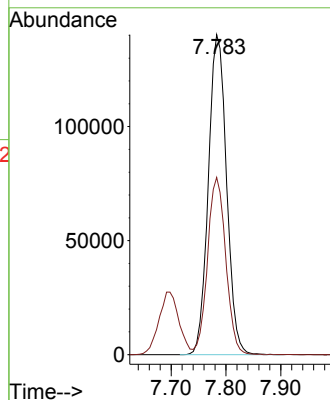
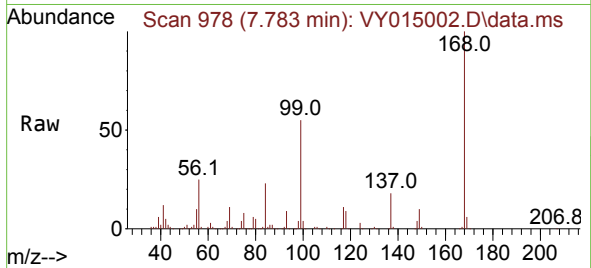
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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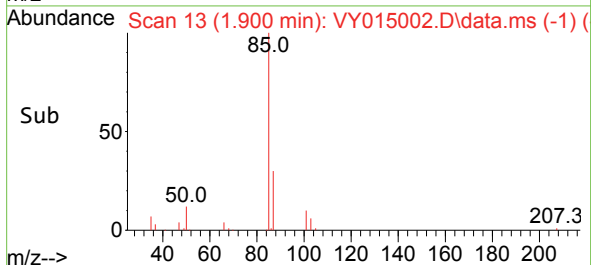
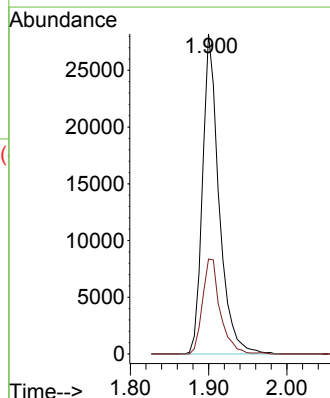
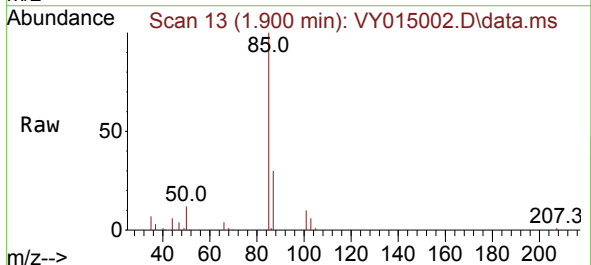
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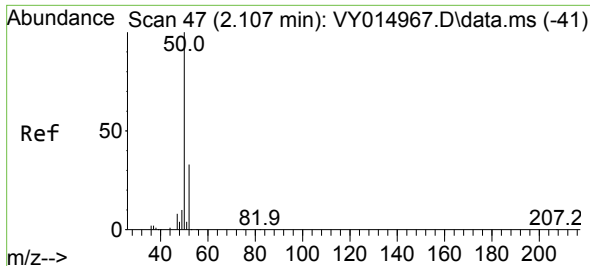
Tgt Ion:168 Resp: 322762
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.028 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 85 Resp: 41236
Ion Ratio Lower Upper
85 100
87 29.7 15.6 46.8

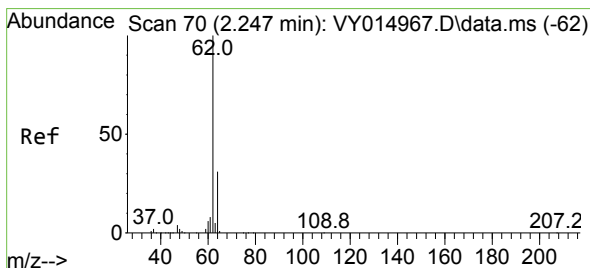
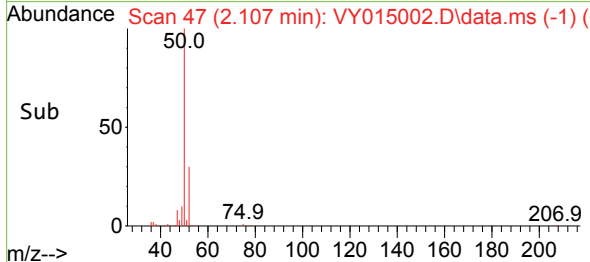
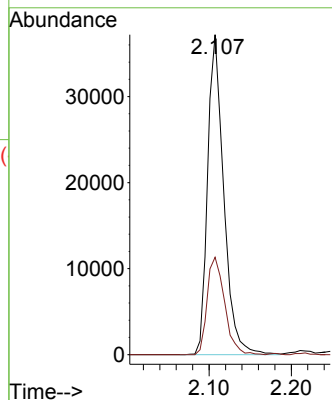
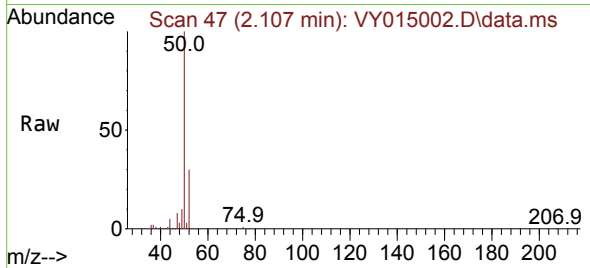




#3
Chloromethane
Concen: 19.926 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

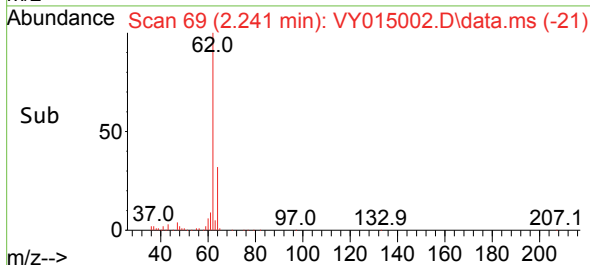
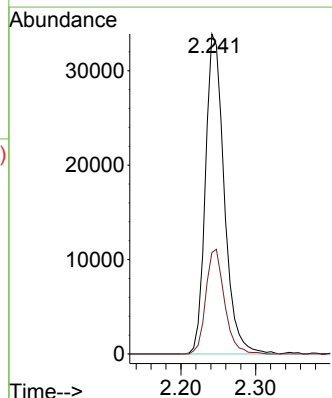
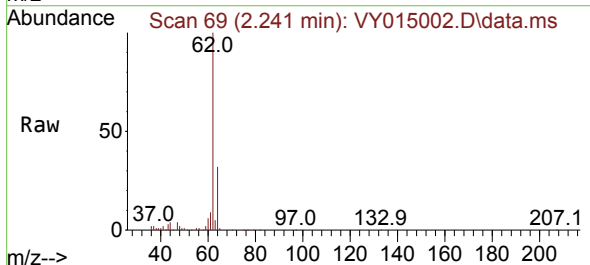
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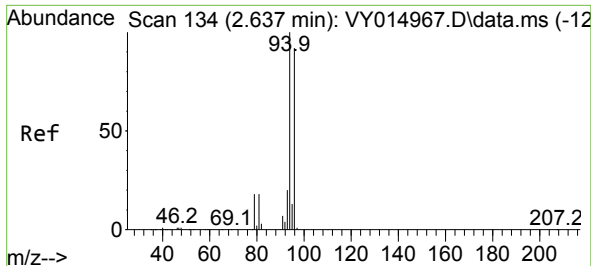
Tgt Ion: 50 Resp: 50615
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2



#4
Vinyl Chloride
Concen: 18.864 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 62 Resp: 59044
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

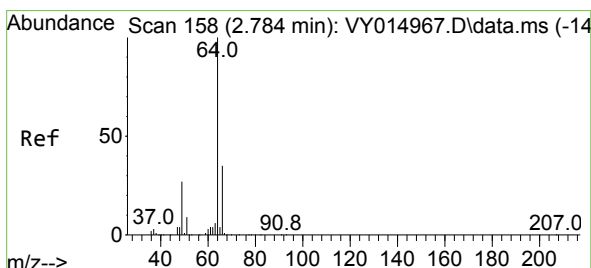
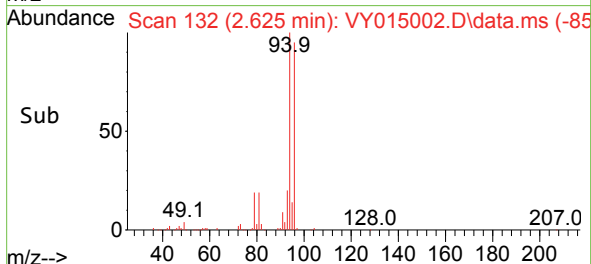
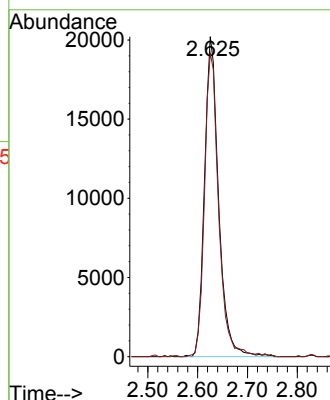
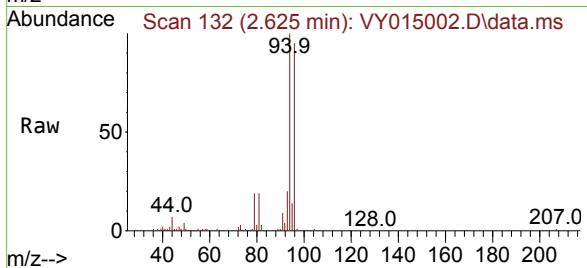




#5
Bromomethane
Concen: 17.052 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

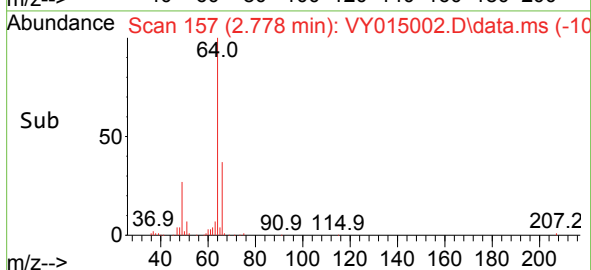
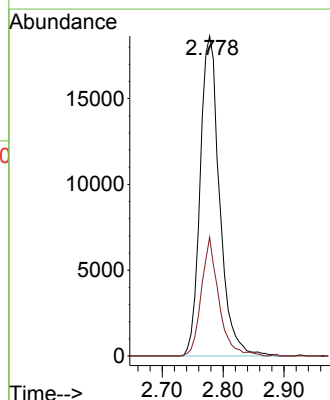
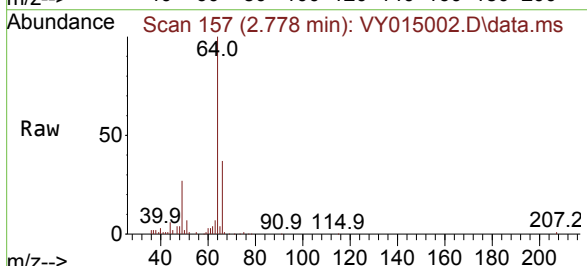
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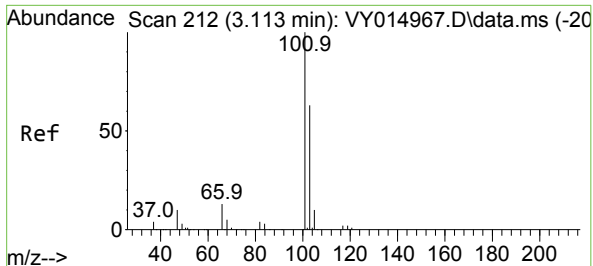
Tgt Ion: 94 Resp: 39800
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 19.117 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 64 Resp: 41314
Ion Ratio Lower Upper
64 100
66 37.1 24.4 36.6#

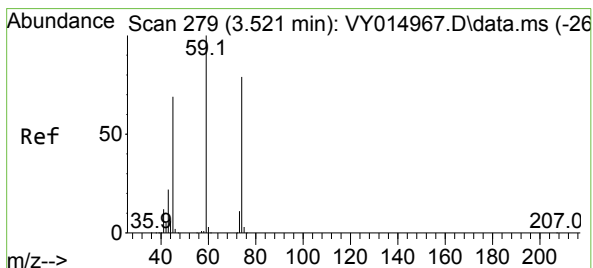
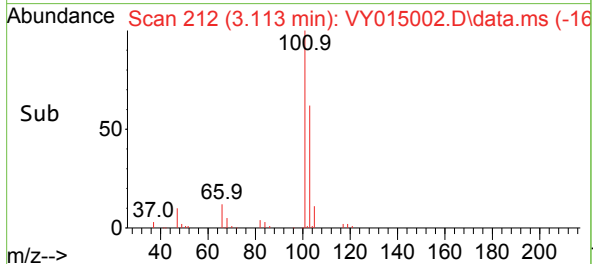
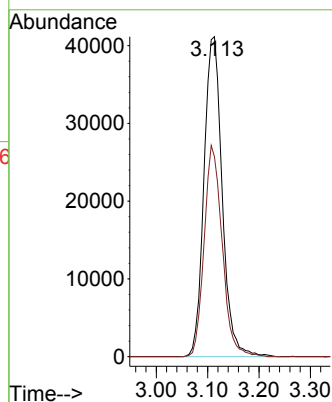
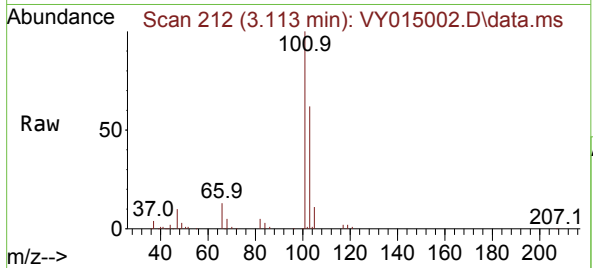




#7
Trichlorofluoromethane
Concen: 20.482 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

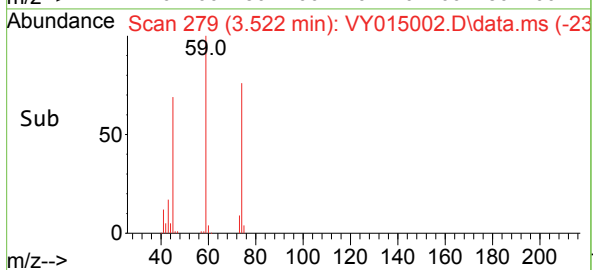
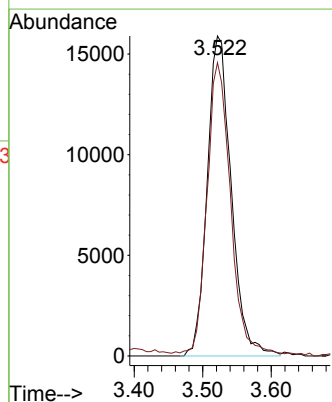
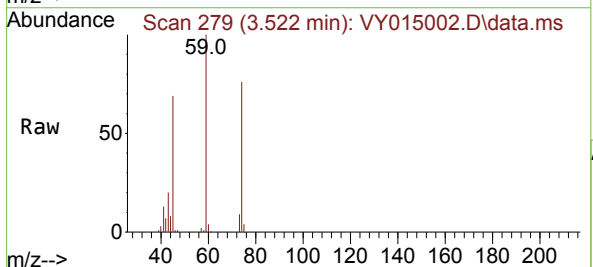
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBSD01

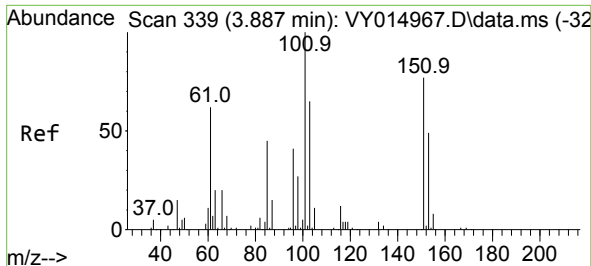
Tgt Ion:101 Resp: 101307
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.0



#8
Diethyl Ether
Concen: 21.226 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 74 Resp: 38740
Ion Ratio Lower Upper
74 100
45 88.6 51.5 154.5

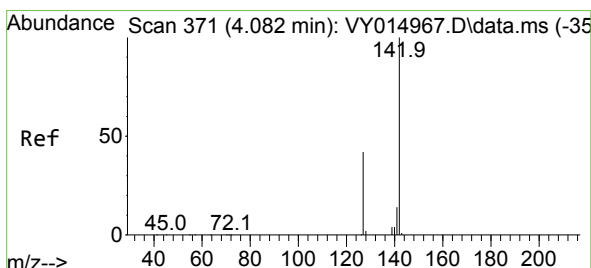
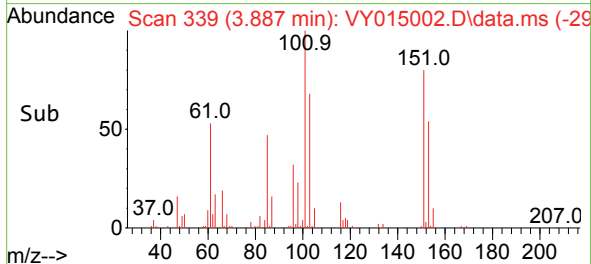
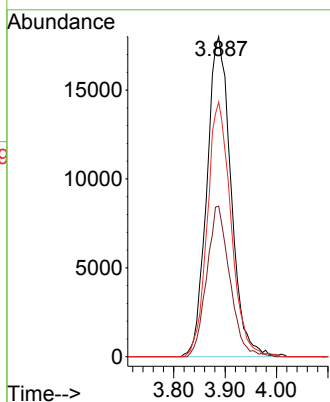
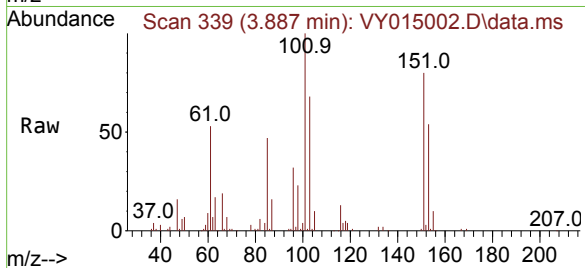




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.046 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015002.D
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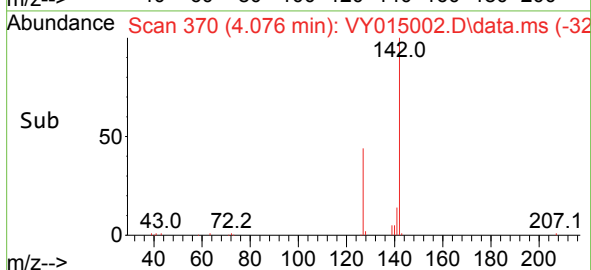
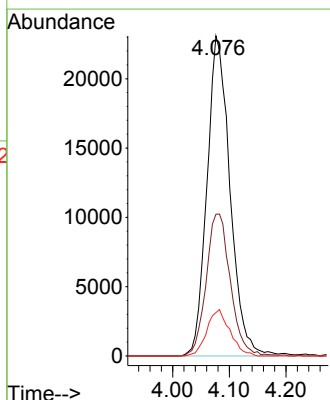
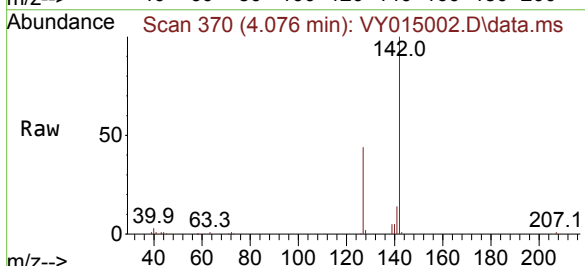
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

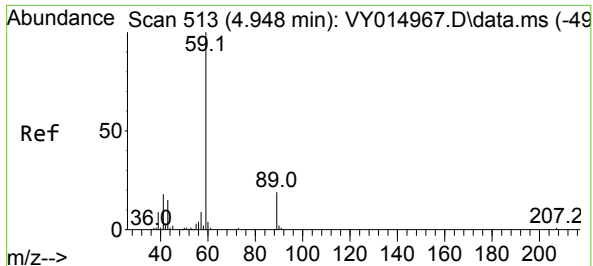
Tgt Ion:101 Resp: 58694
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 21.546 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:142 Resp: 65225
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.5 11.8 17.8

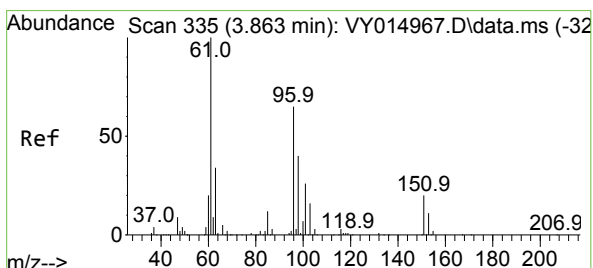
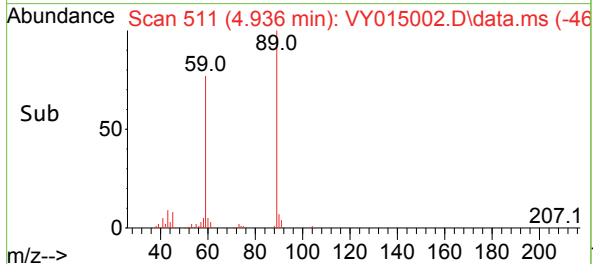
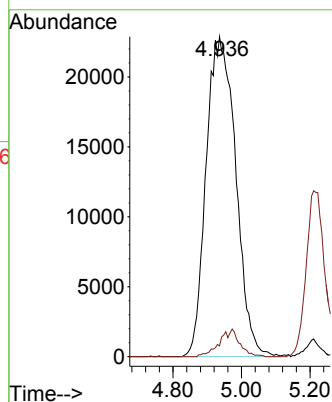
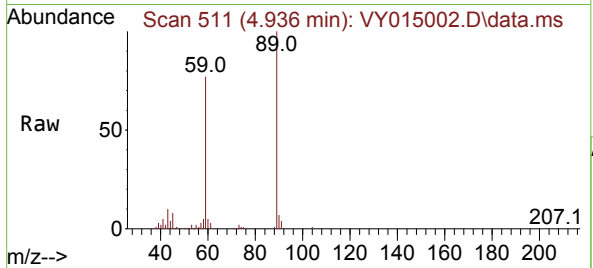




#11
Tert butyl alcohol
Concen: 145.564 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

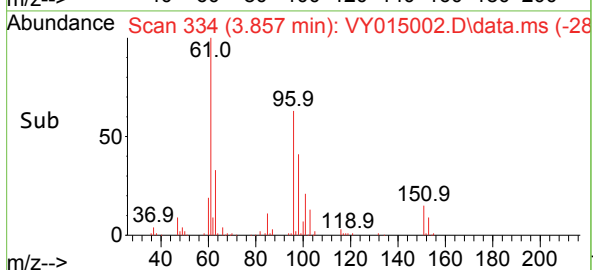
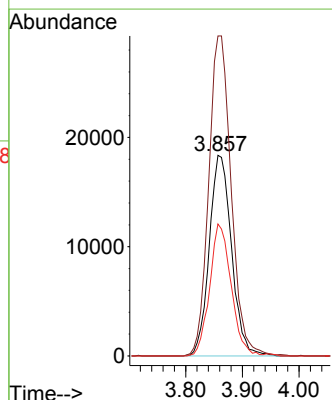
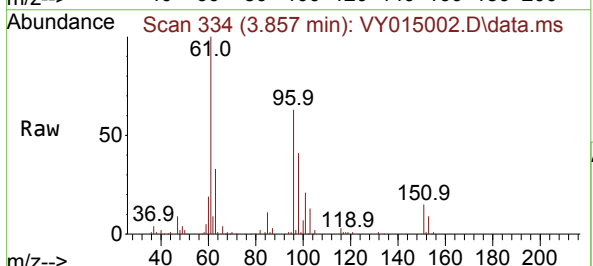
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

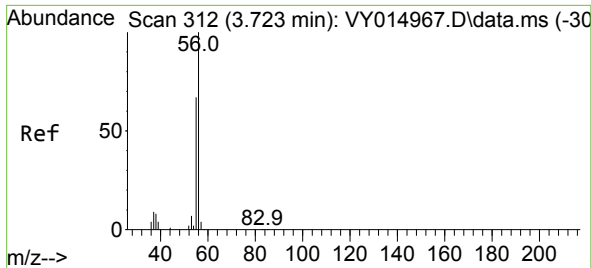
Tgt Ion: 59 Resp: 137430
Ion Ratio Lower Upper
59 100
57 2.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.669 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 96 Resp: 50179
Ion Ratio Lower Upper
96 100
61 159.5 136.4 204.6
98 65.8 49.4 74.2

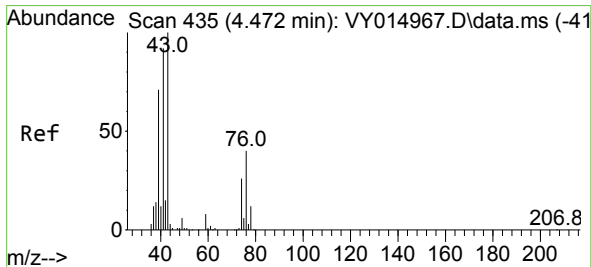
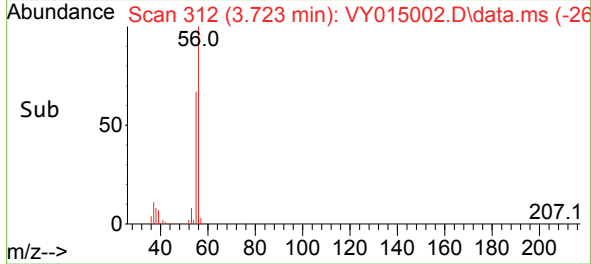
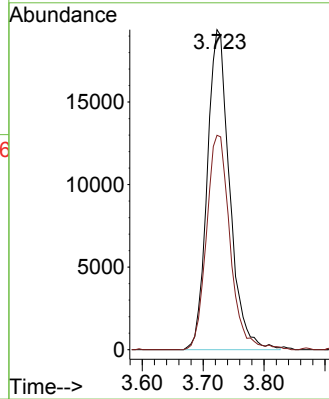
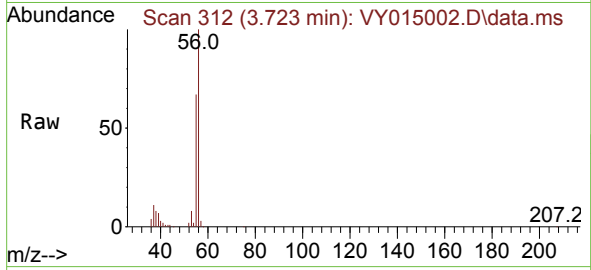




#13
Acrolein
Concen: 154.088 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

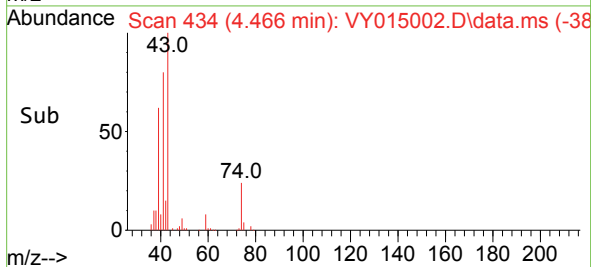
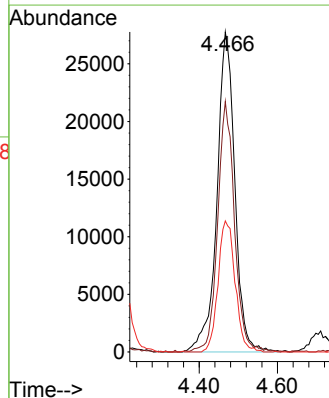
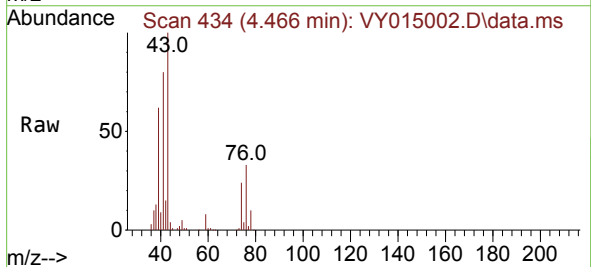
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

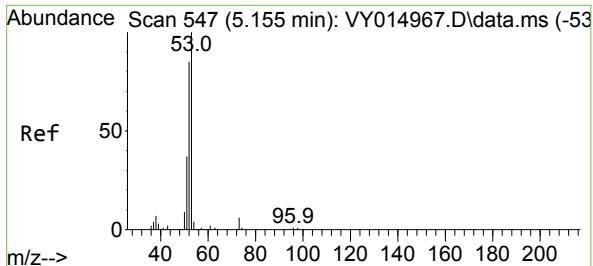
Tgt Ion: 56 Resp: 49490
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4



#14
Allyl chloride
Concen: 20.806 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 41 Resp: 88392
Ion Ratio Lower Upper
41 100
39 73.7 58.0 87.0
76 39.1 27.4 41.2

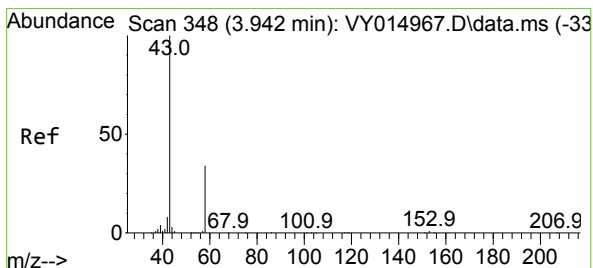
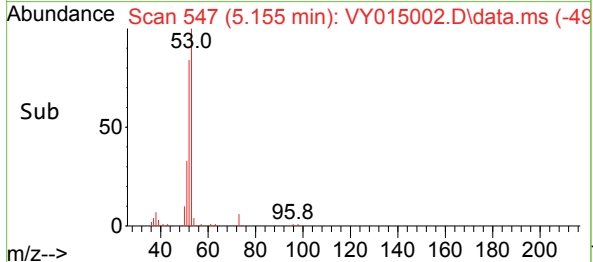
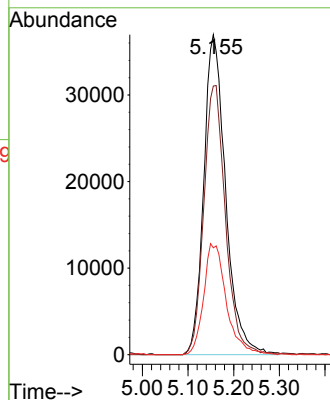
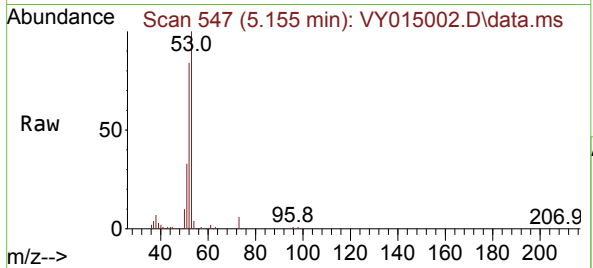




#15
Acrylonitrile
Concen: 110.166 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

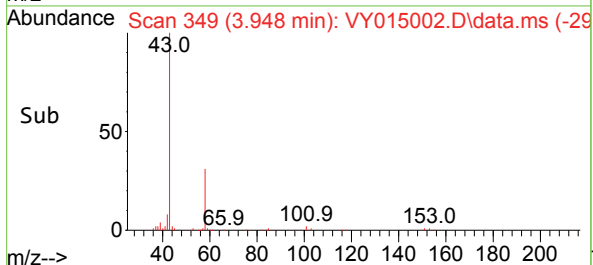
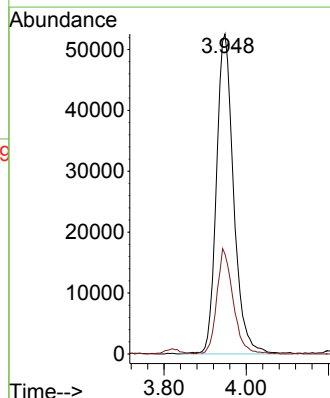
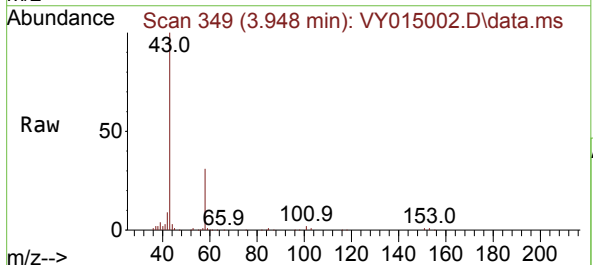
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

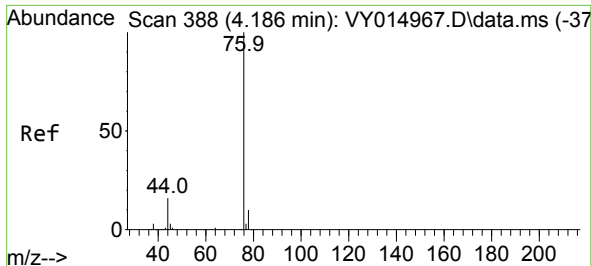
Tgt Ion: 53 Resp: 122840
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 125.067 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 43 Resp: 152566
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1

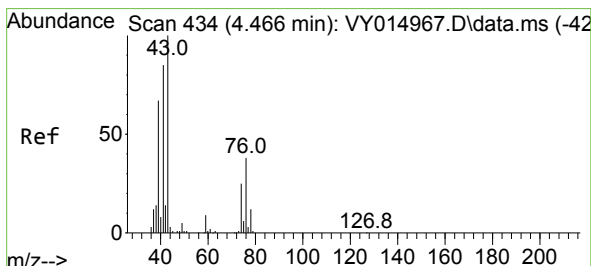
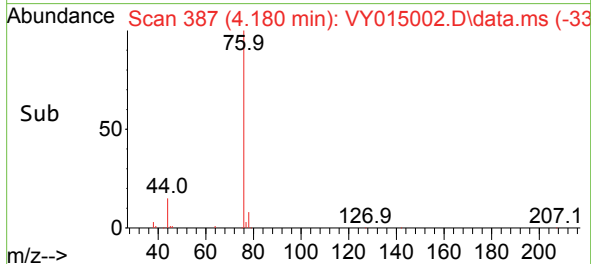
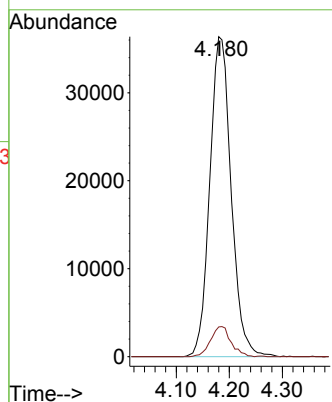
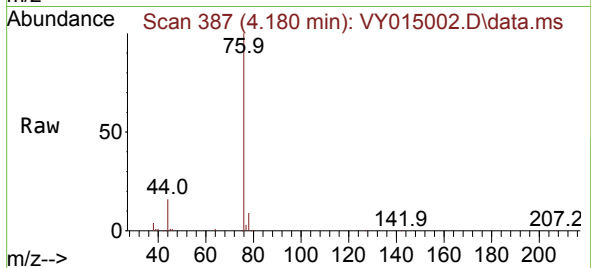




#17
Carbon Disulfide
Concen: 18.049 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

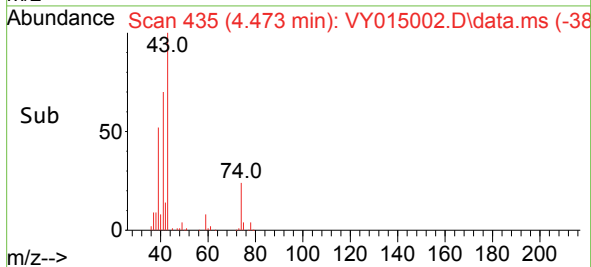
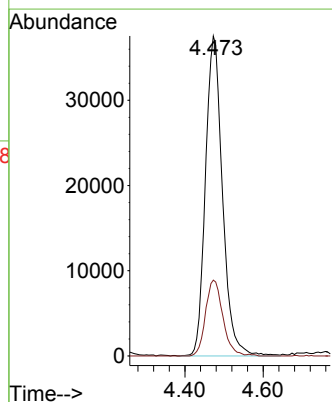
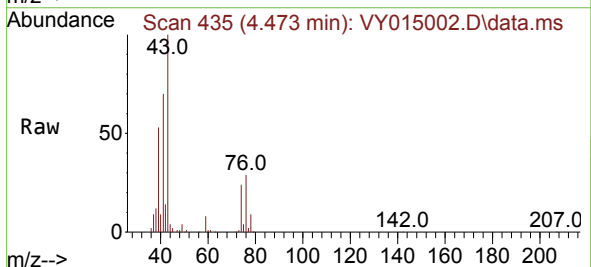
Instrument :
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ClientSampleId :
VY0809SBS01

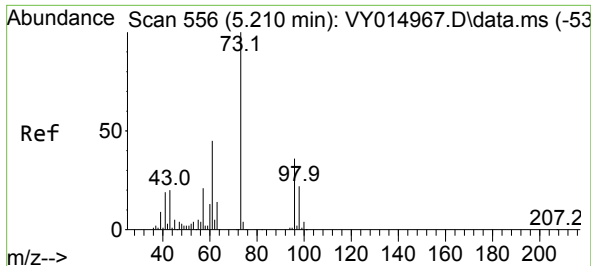
Tgt Ion: 76 Resp: 101804
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 25.514 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 43 Resp: 113342
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0

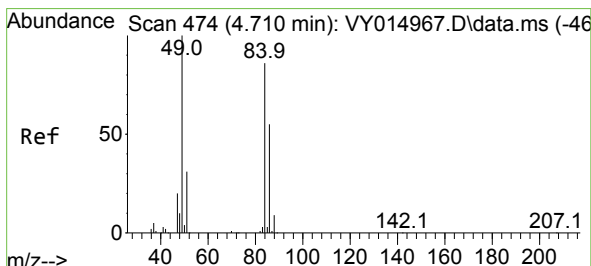
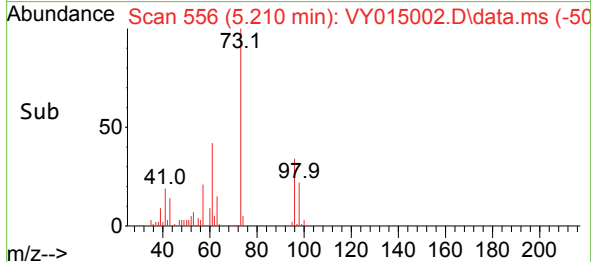
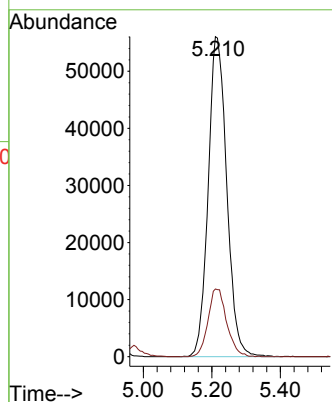
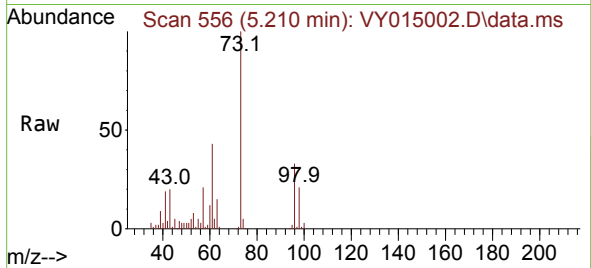




#19
Methyl tert-butyl Ether
Concen: 21.815 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

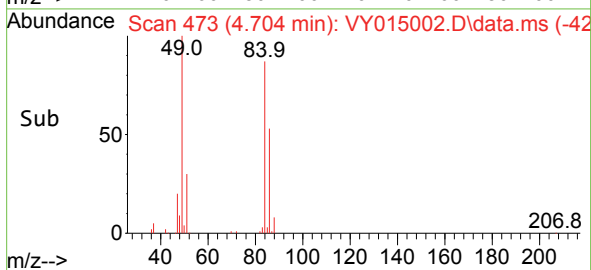
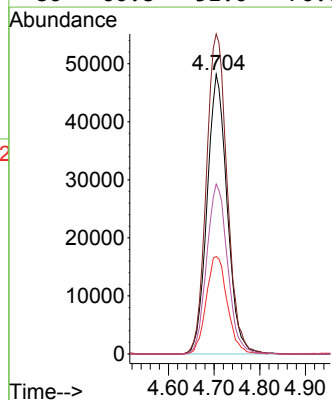
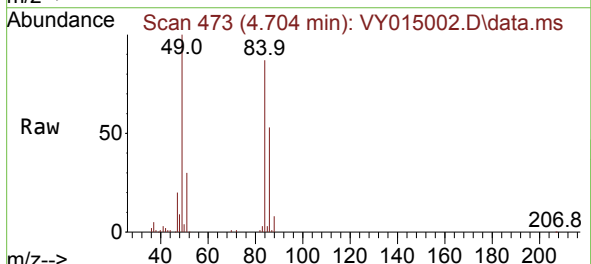
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

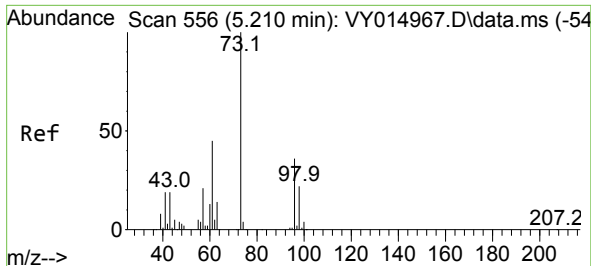
Tgt Ion: 73 Resp: 210556
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 24.120 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 84 Resp: 147196
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 34.8 33.2 49.8
86 60.8 51.0 76.6

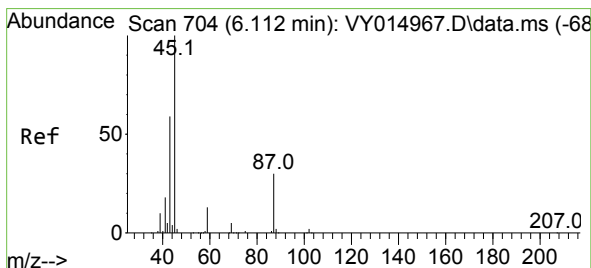
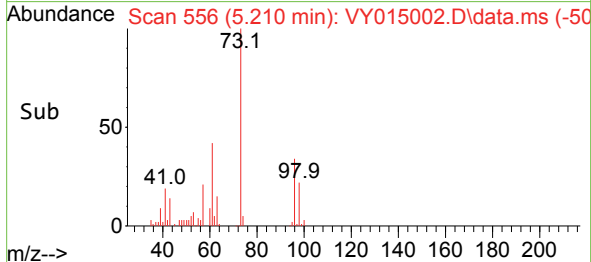
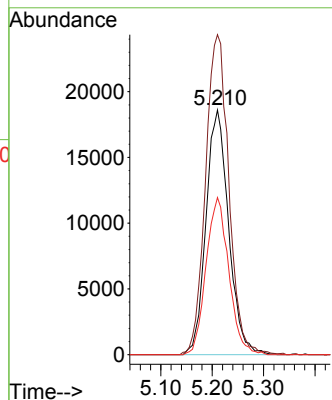
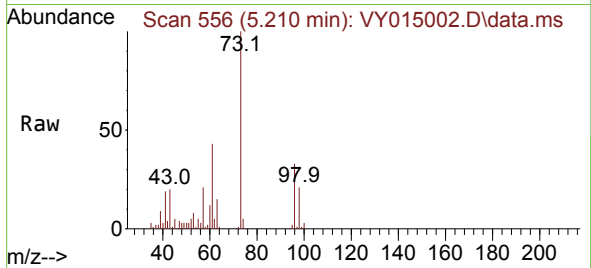




#21
trans-1,2-Dichloroethene
Concen: 19.583 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

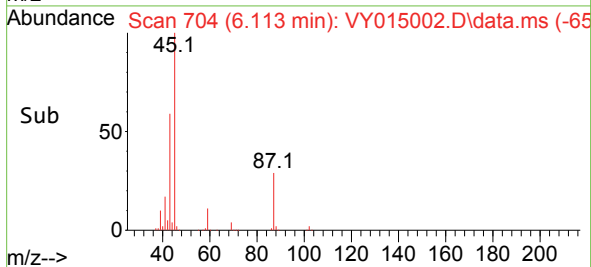
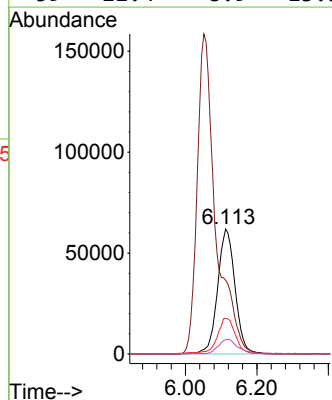
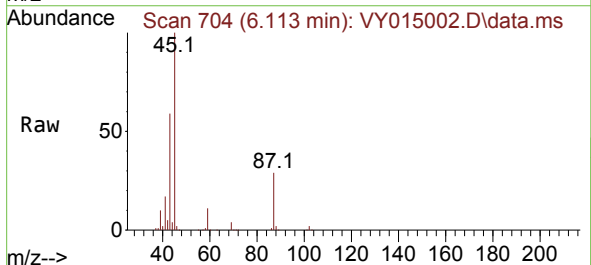
Instrument :
MSVOA_Y
ClientSampleId :
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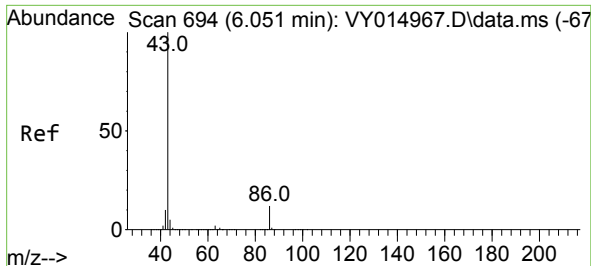
Tgt Ion: 96 Resp: 56947
Ion Ratio Lower Upper
96 100
61 130.8 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 21.180 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 45 Resp: 209586
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 28.6 21.0 31.6
59 11.4 8.9 13.3

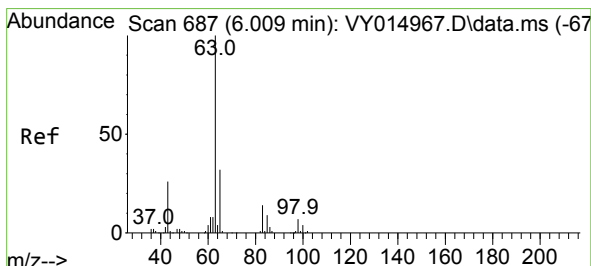
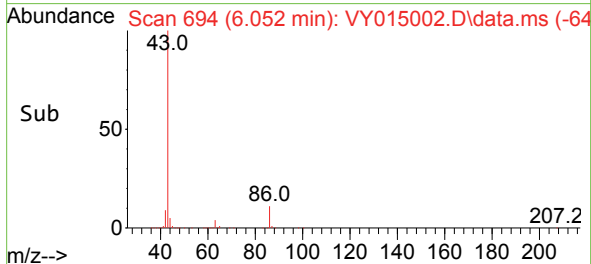
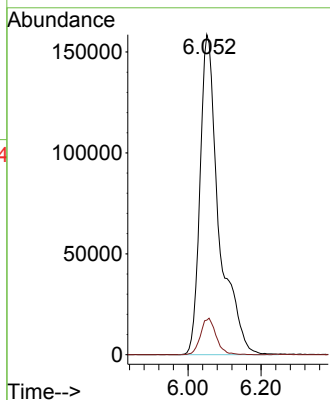
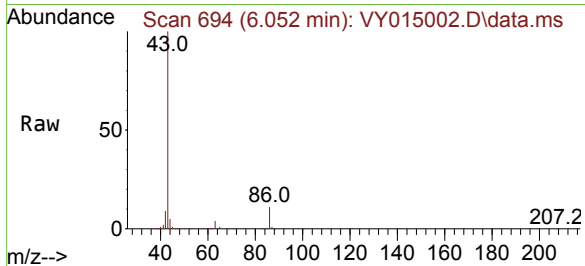




#23
 Vinyl Acetate
 Concen: 95.832 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY015002.D
 Acq: 09 Aug 2023 13:55

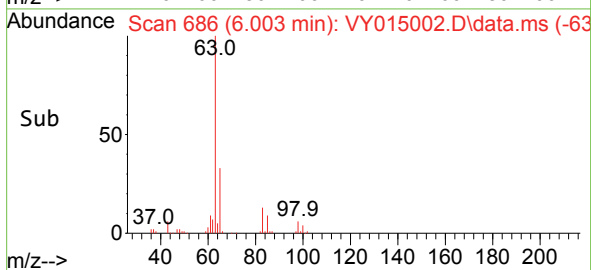
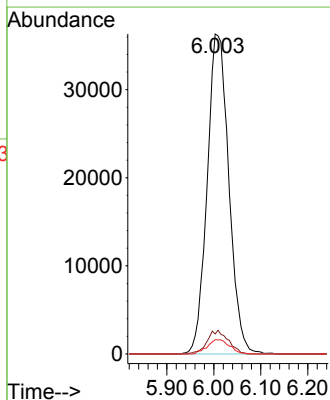
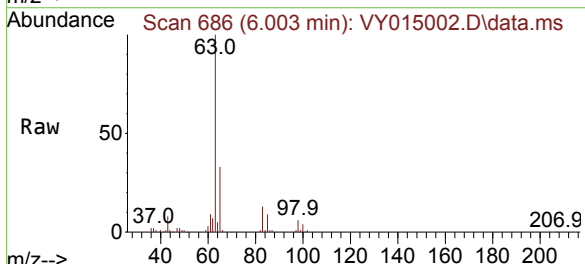
Instrument :
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 ClientSampleId :
 VY0809SBS01

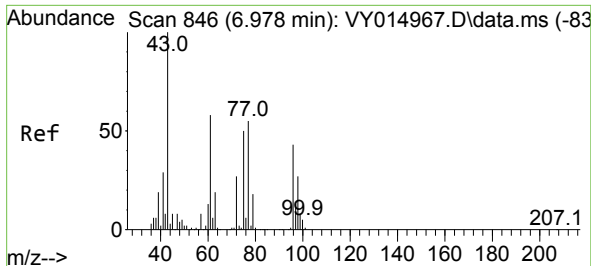
Tgt Ion: 43 Resp: 570066
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.743 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY015002.D
 Acq: 09 Aug 2023 13:55

Tgt Ion: 63 Resp: 116428
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 4.4 1.8 5.5

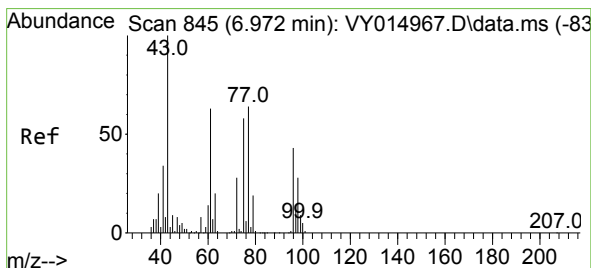
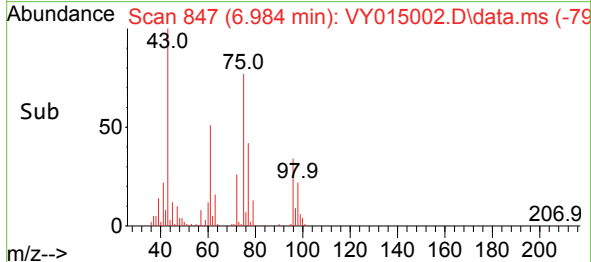
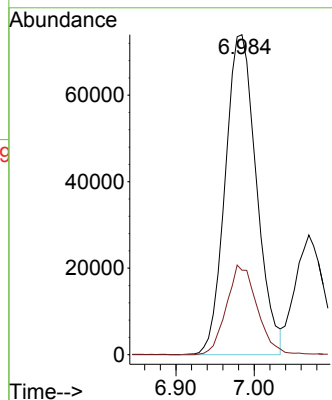
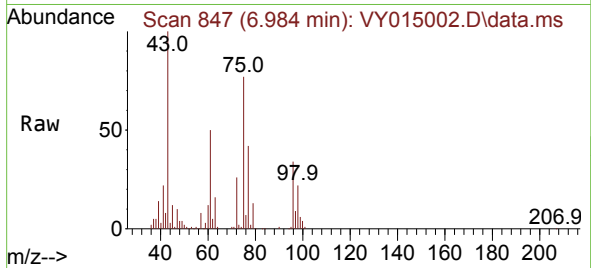




#25
2-Butanone
Concen: 117.338 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

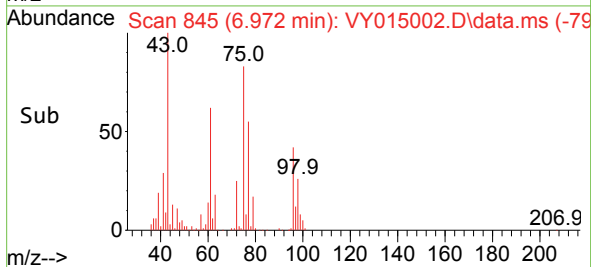
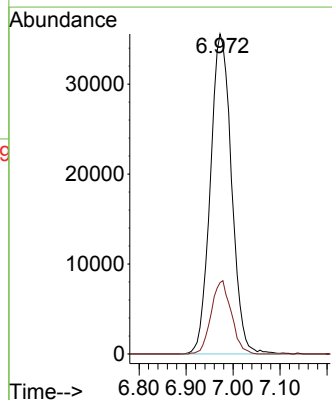
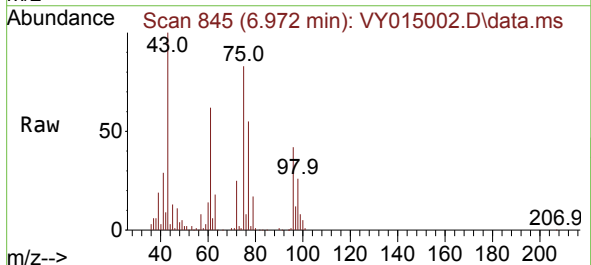
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBSD01

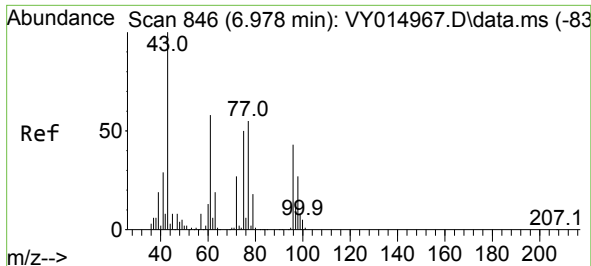
Tgt Ion: 43 Resp: 205015
Ion Ratio Lower Upper
43 100
72 26.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.609 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 77 Resp: 111369
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9



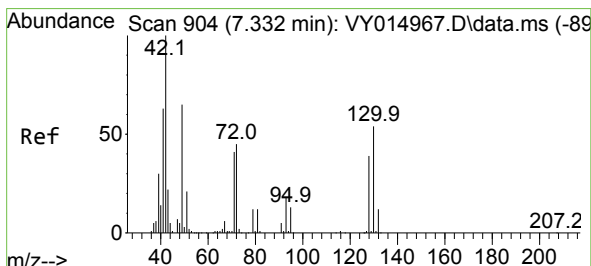
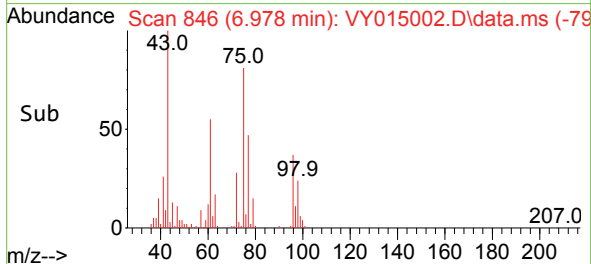
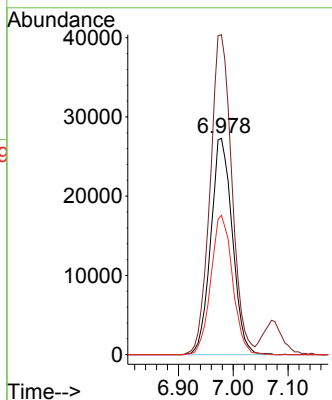
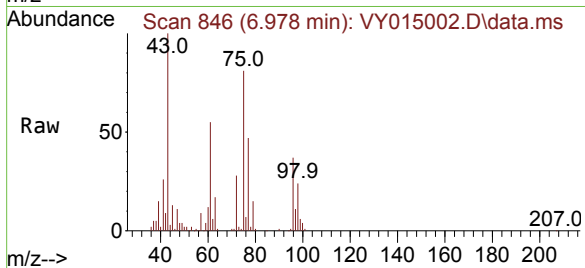


#27
 cis-1,2-Dichloroethene
 Concen: 20.320 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY015002.D
 Acq: 09 Aug 2023 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

Tgt Ion: 96 Resp: 74777

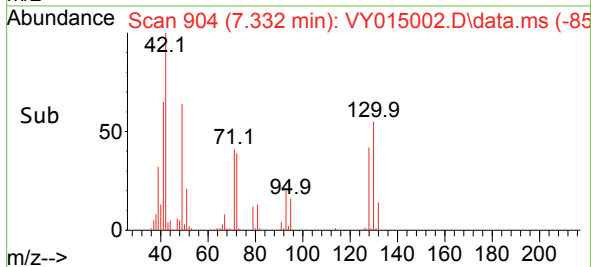
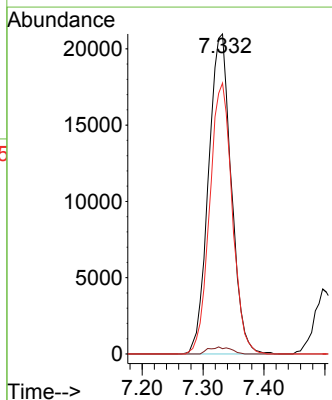
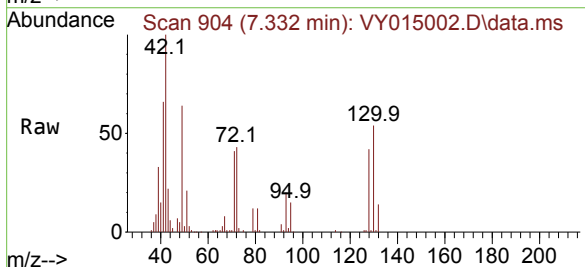
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	301.4
98	64.6	0.0	130.4

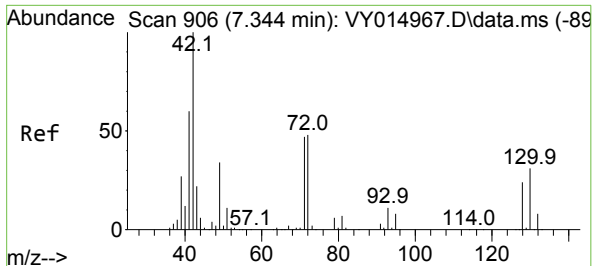


#28
 Bromochloromethane
 Concen: 21.446 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015002.D
 Acq: 09 Aug 2023 13:55

Tgt Ion: 49 Resp: 54265

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	83.8	60.7	91.1





#29

Tetrahydrofuran

Concen: 110.852 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

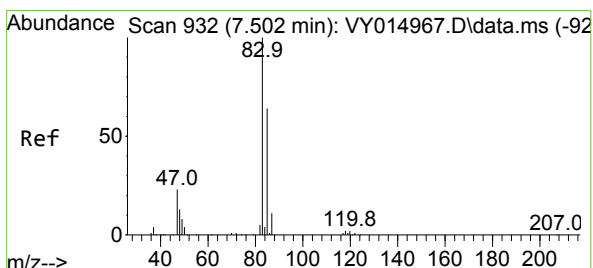
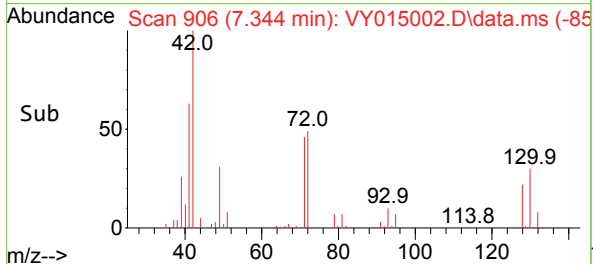
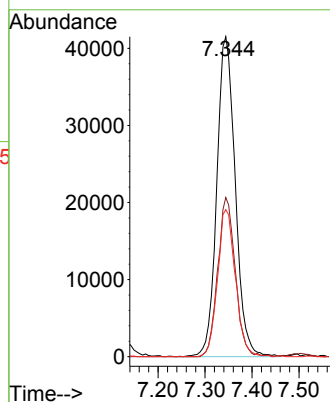
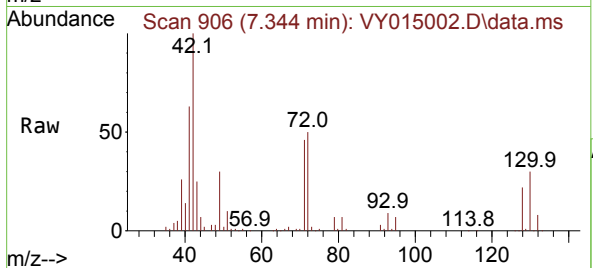
Tgt Ion: 42 Resp: 113580

Ion Ratio Lower Upper

42 100

72 47.3 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 21.017 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY015002.D

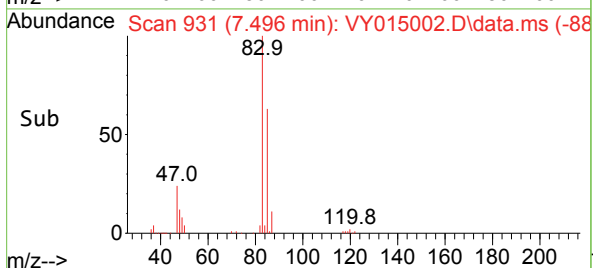
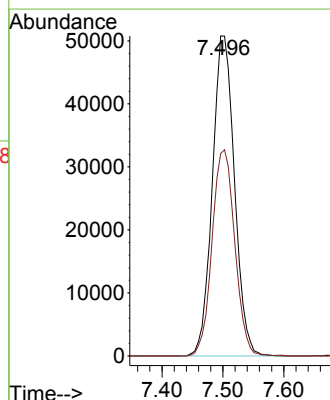
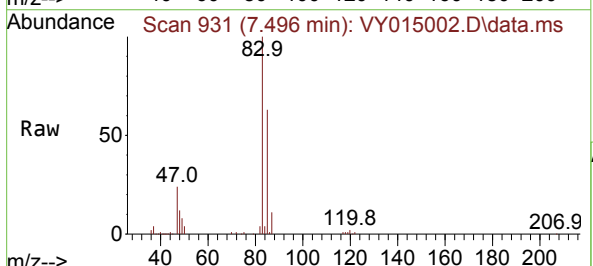
Acq: 09 Aug 2023 13:55

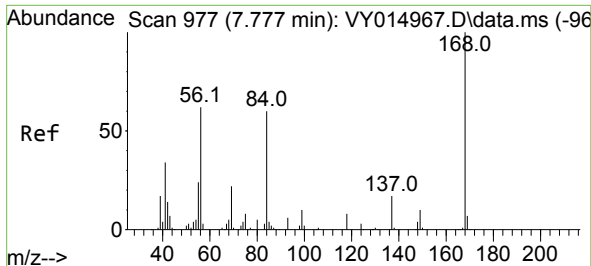
Tgt Ion: 83 Resp: 128146

Ion Ratio Lower Upper

83 100

85 63.2 49.7 74.5

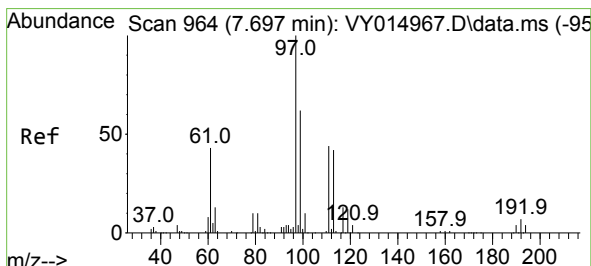
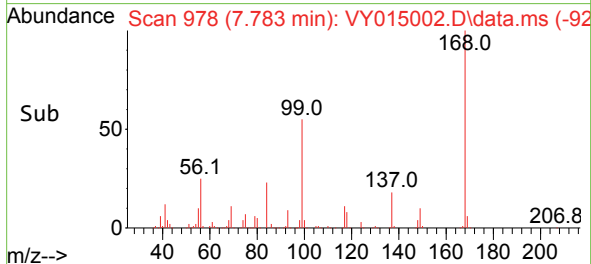
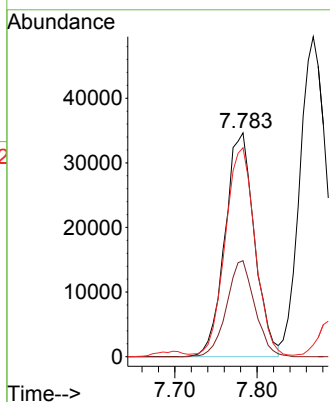
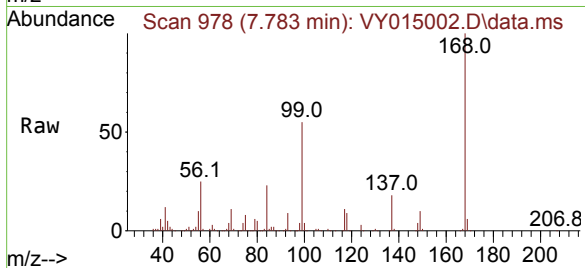




#31
Cyclohexane
Concen: 19.213 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

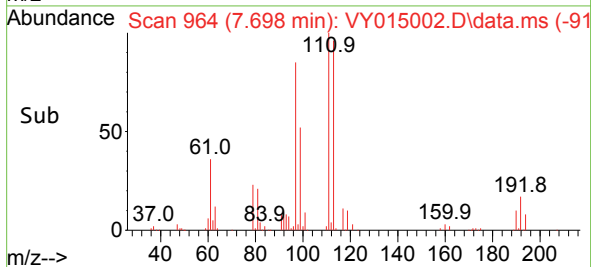
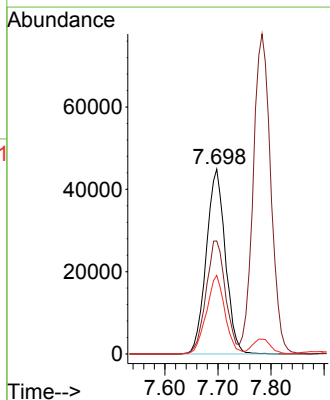
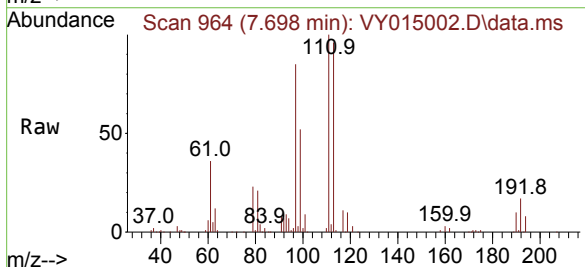
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

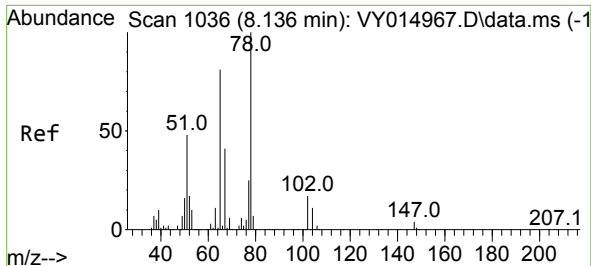
Tgt Ion: 56 Resp: 86504
Ion Ratio Lower Upper
56 100
69 42.9 27.8 41.6#
84 91.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.860 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 97 Resp: 112089
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 41.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.291 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

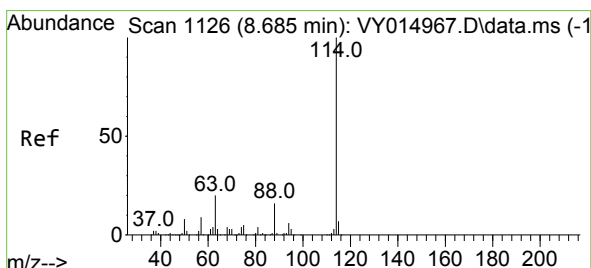
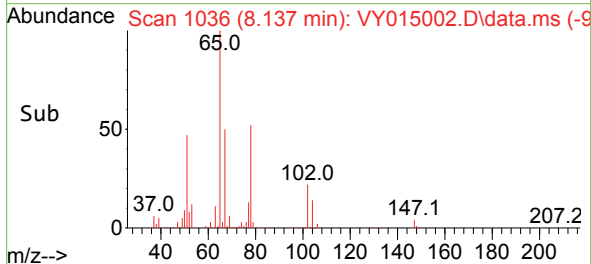
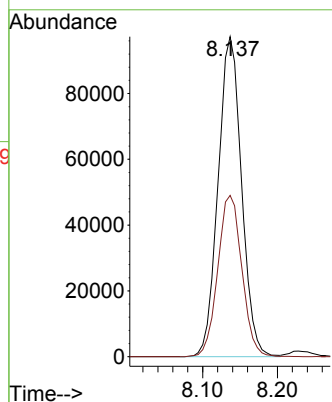
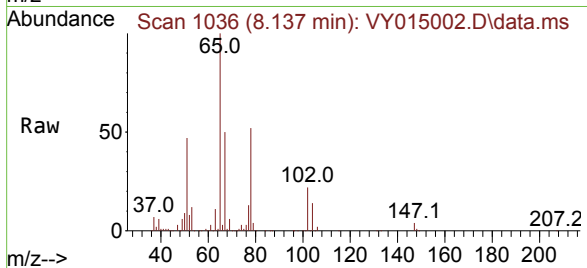
VY0809SBS01

Tgt Ion: 65 Resp: 212383

Ion Ratio Lower Upper

65 100

67 51.8 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: VY015002.D

Acq: 09 Aug 2023 13:55

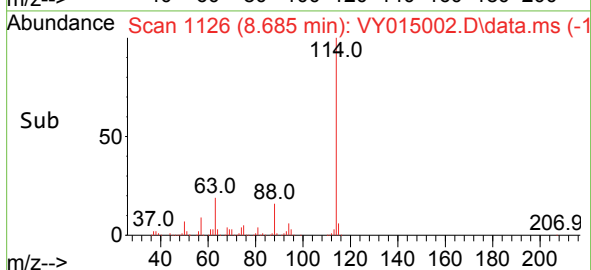
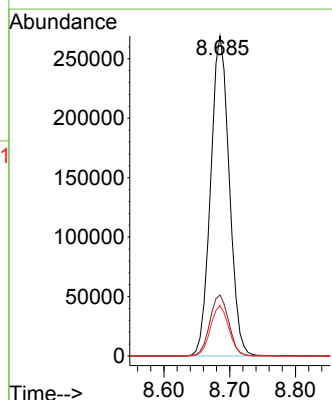
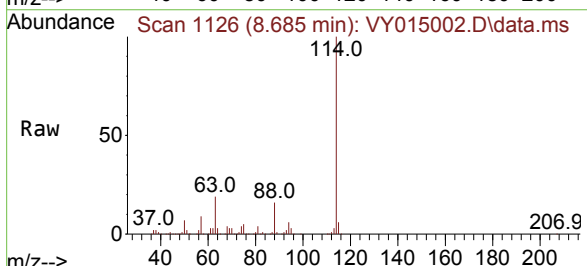
Tgt Ion: 114 Resp: 529754

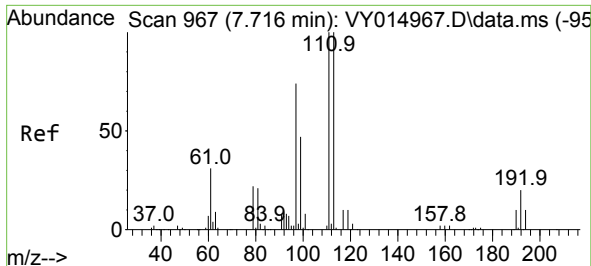
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.7 0.0 30.6

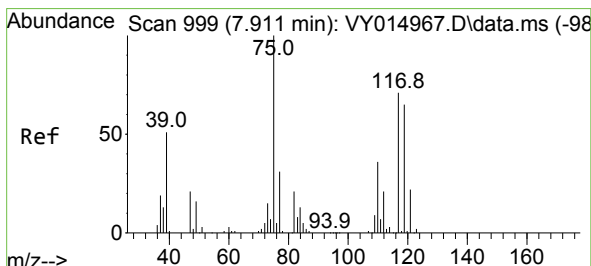
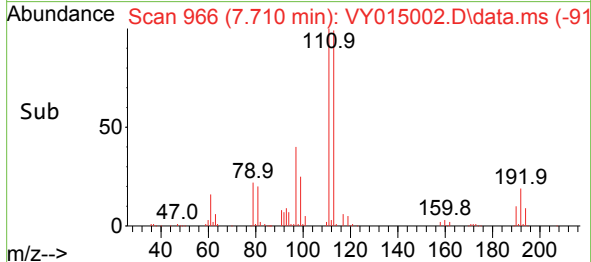
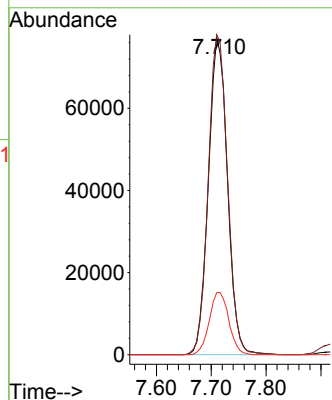
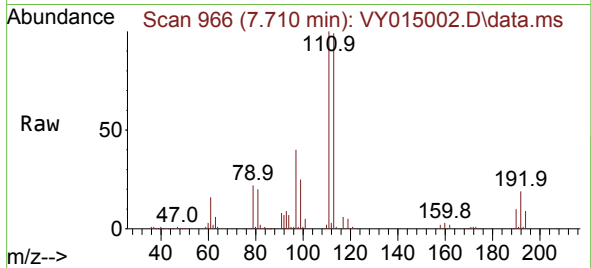




#35
Dibromofluoromethane
Concen: 54.950 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

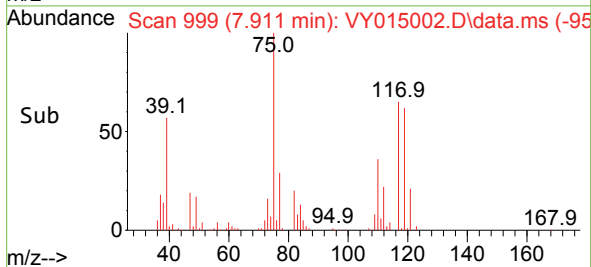
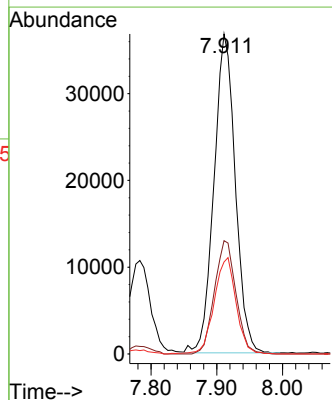
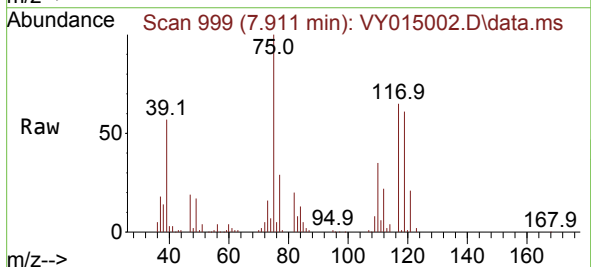
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

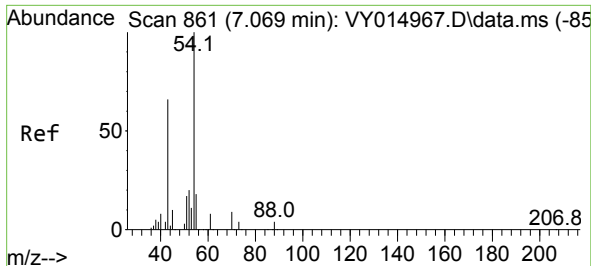
Tgt Ion:113 Resp: 186153
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.718 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 75 Resp: 82931
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 22.155 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

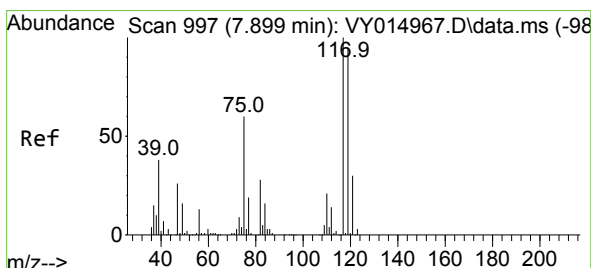
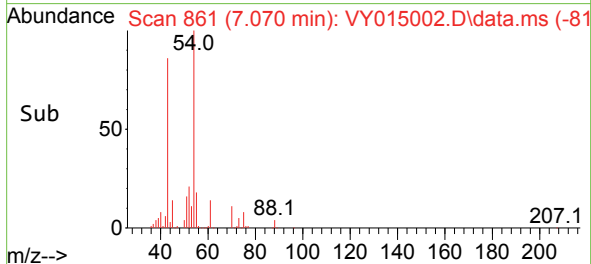
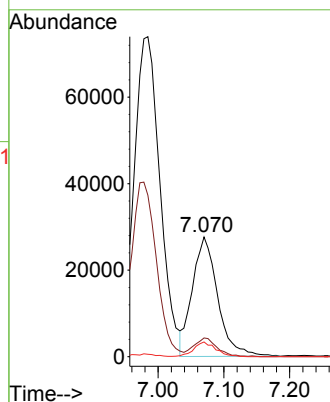
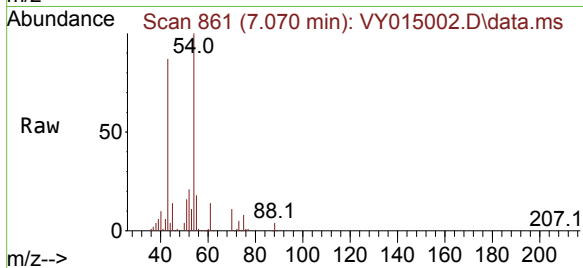
Tgt Ion: 43 Resp: 73963

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.101 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

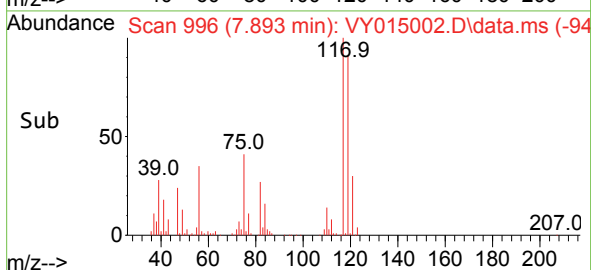
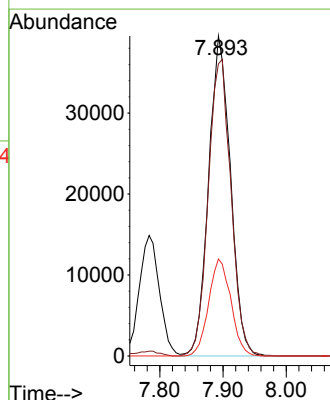
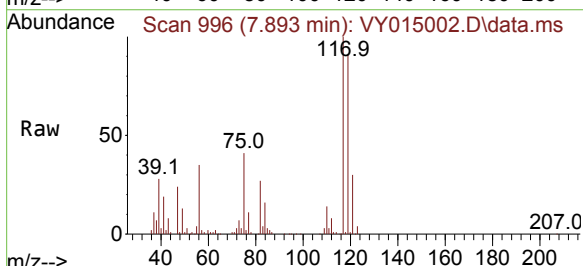
Tgt Ion: 117 Resp: 95042

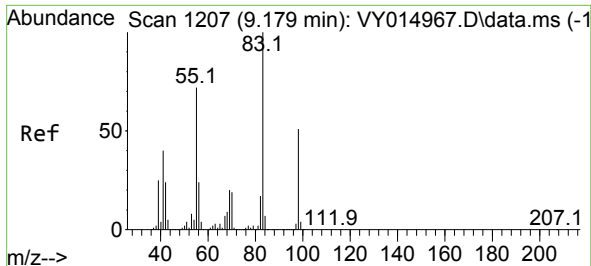
Ion Ratio Lower Upper

117 100

119 91.3 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 19.033 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

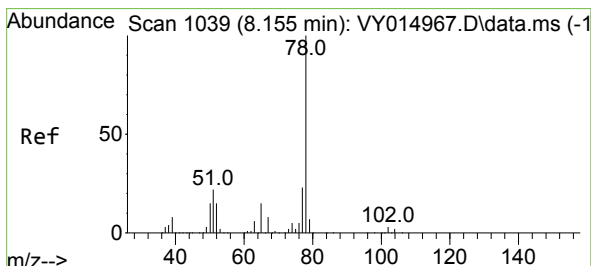
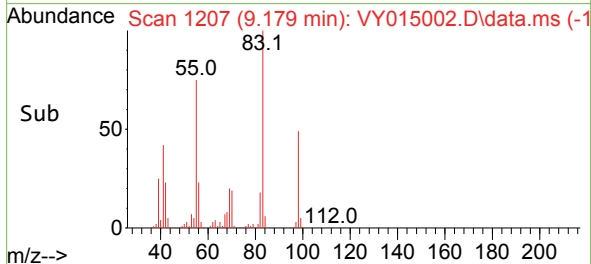
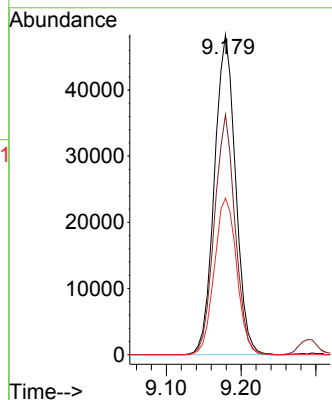
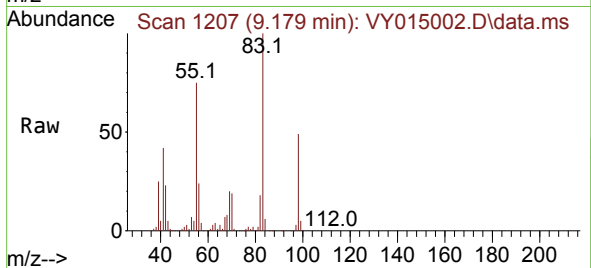
Tgt Ion: 83 Resp: 95194

Ion Ratio Lower Upper

83 100

55 75.0 63.0 94.4

98 48.9 37.4 56.2



#40

Benzene

Concen: 20.015 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015002.D

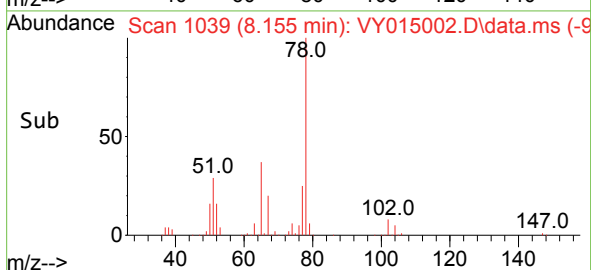
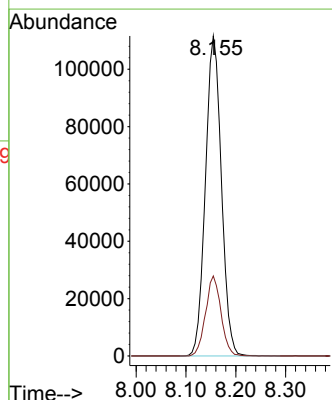
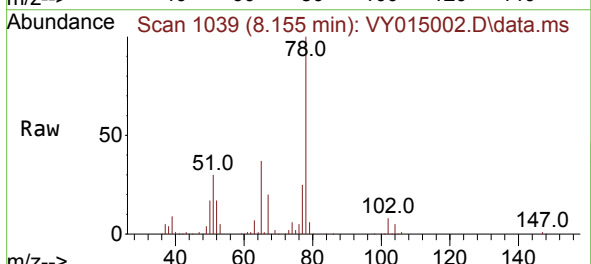
Acq: 09 Aug 2023 13:55

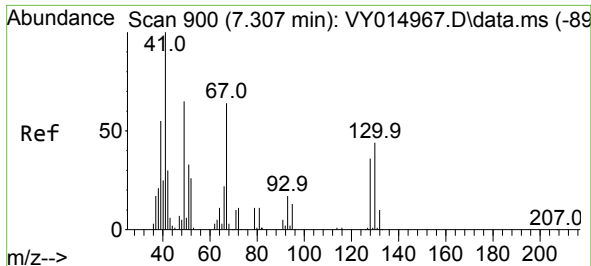
Tgt Ion: 78 Resp: 247877

Ion Ratio Lower Upper

78 100

77 25.0 19.0 28.6

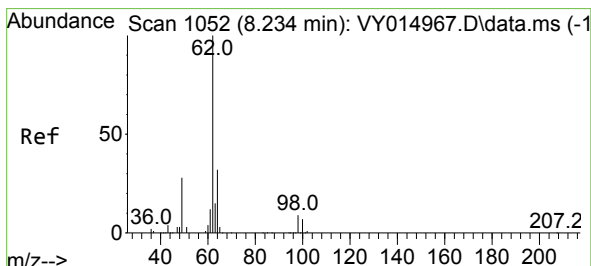
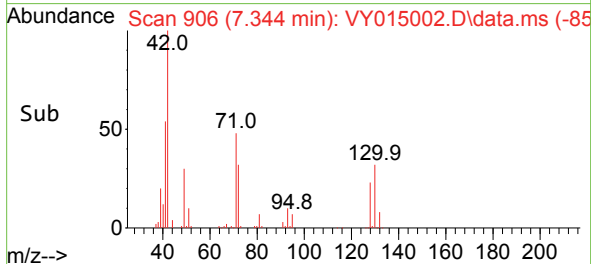
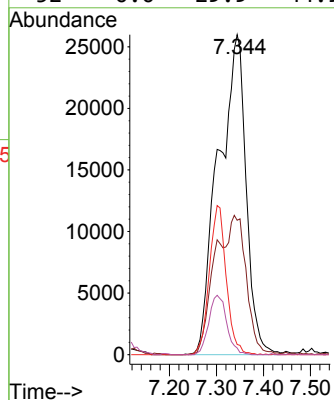
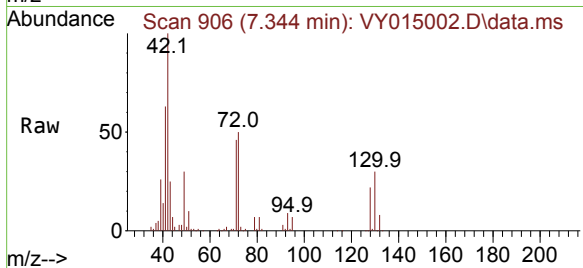




#41
Methacrylonitrile
Concen: 65.161 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

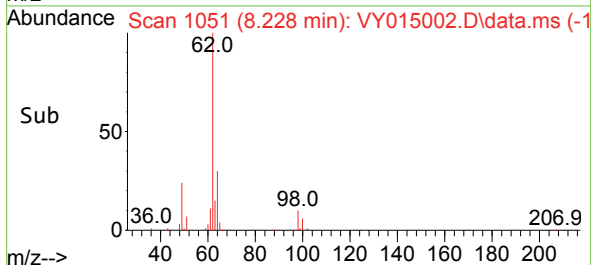
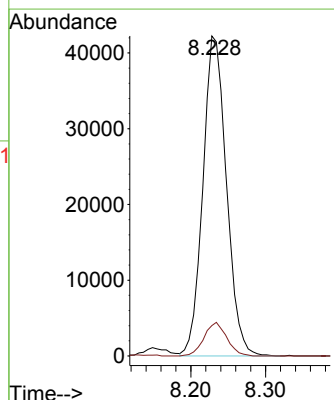
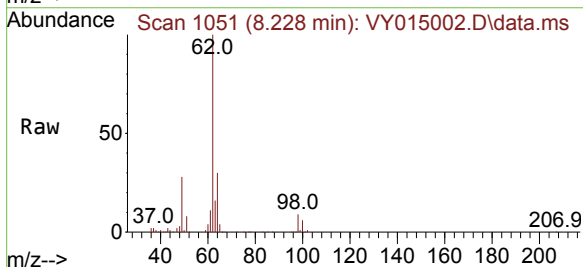
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

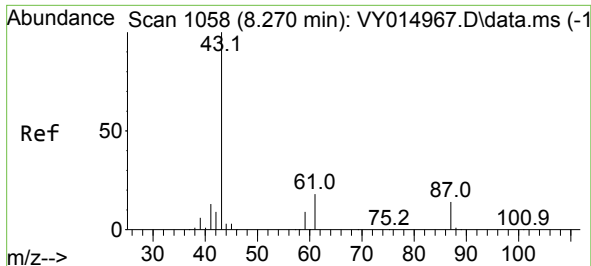
Tgt Ion: 41 Resp: 105716
Ion Ratio Lower Upper
41 100
39 24.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.453 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 62 Resp: 92482
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8

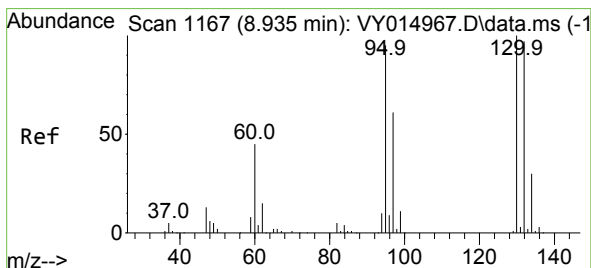
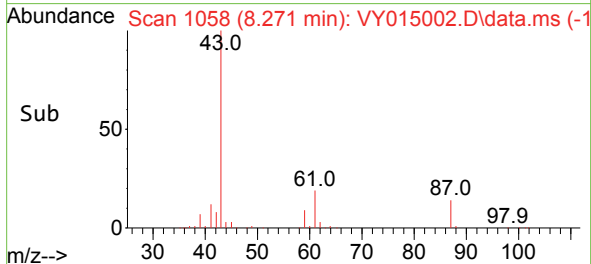
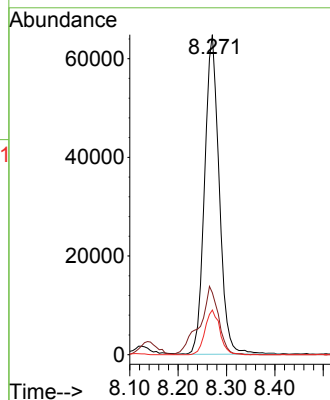
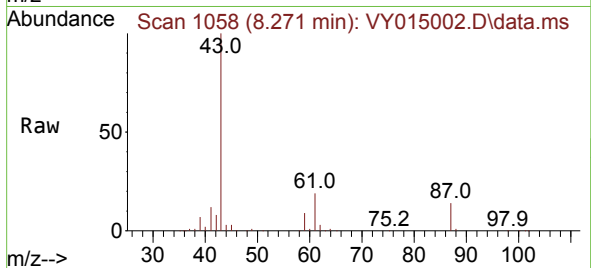




#43
Isopropyl Acetate
Concen: 21.916 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

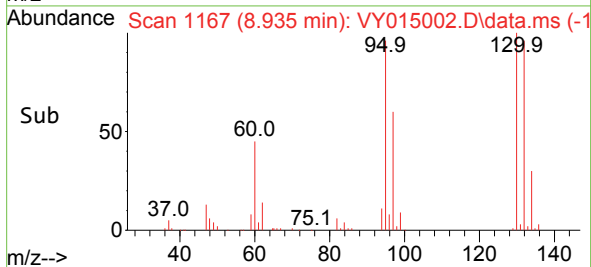
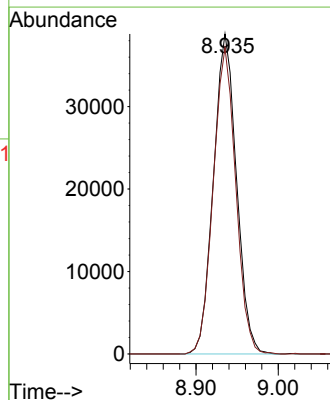
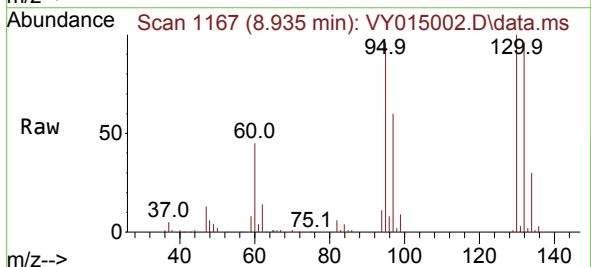
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

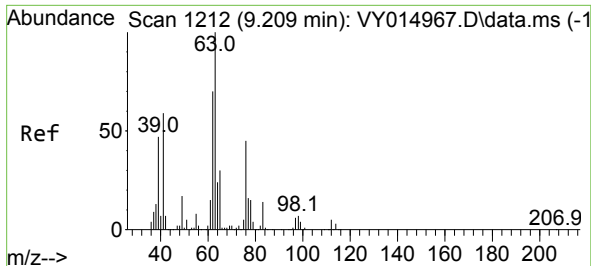
Tgt Ion: 43 Resp: 135934
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 21.283 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:130 Resp: 75630
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.689 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

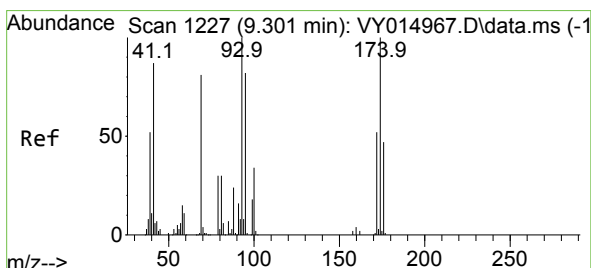
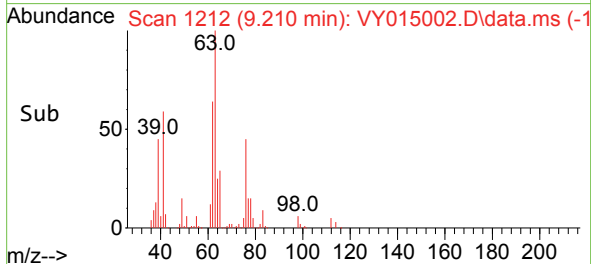
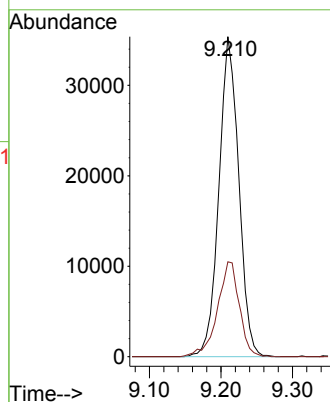
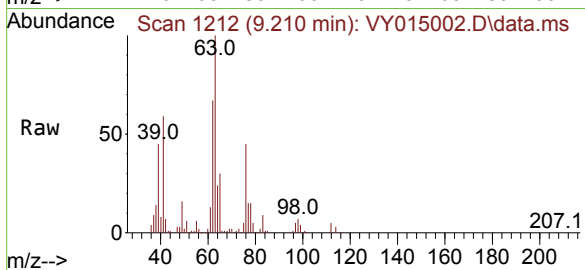
VY0809SBS01

Tgt Ion: 63 Resp: 68096

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.6



#46

Dibromomethane

Concen: 20.985 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

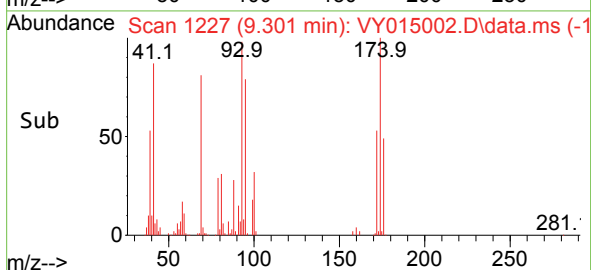
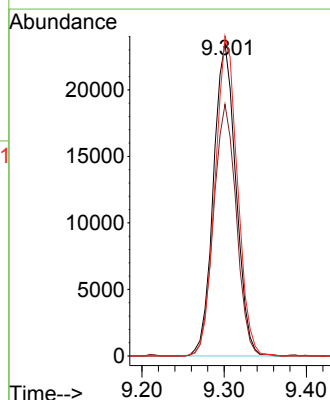
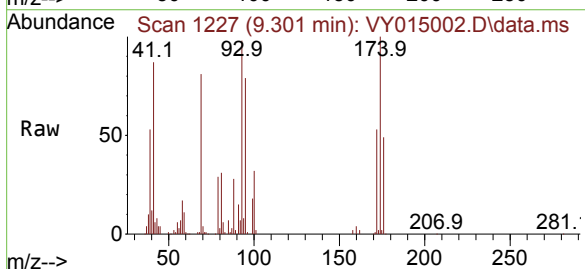
Tgt Ion: 93 Resp: 44494

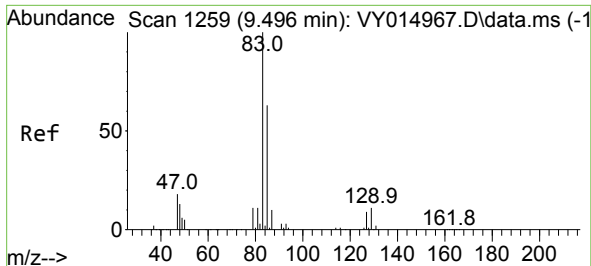
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

174 101.8 84.8 127.2

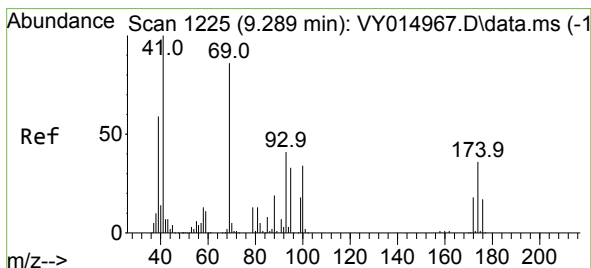
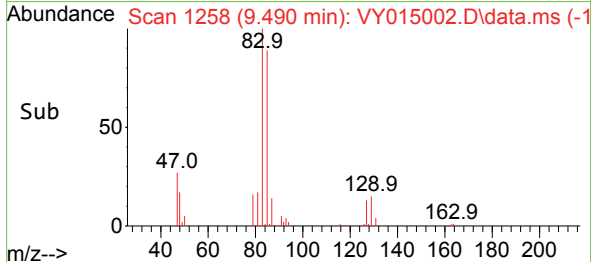
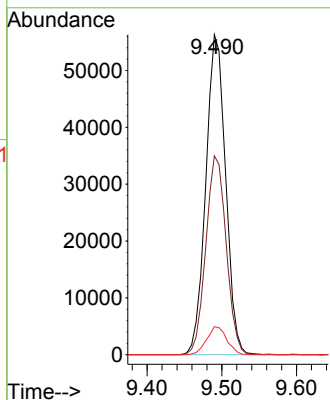
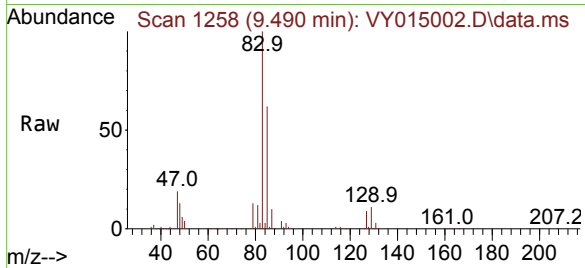




#47
Bromodichloromethane
Concen: 21.224 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

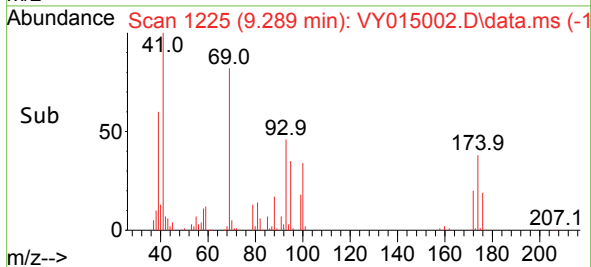
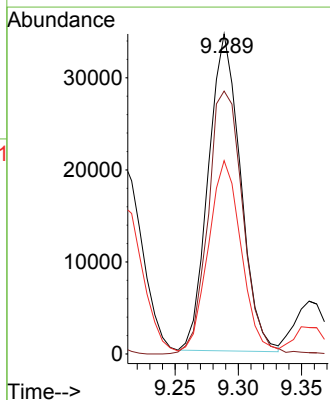
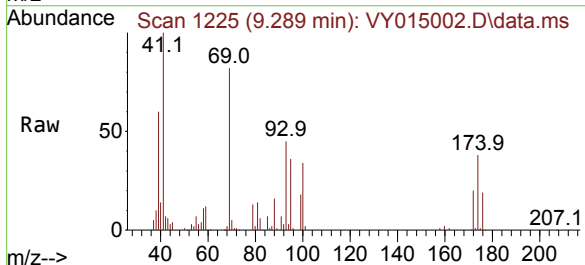
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

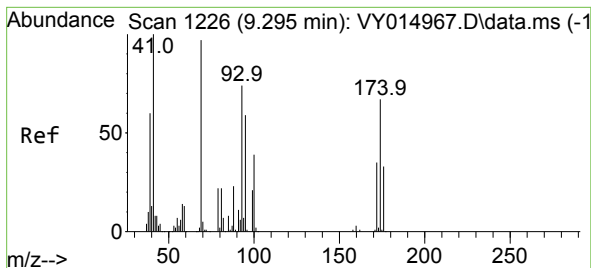
Tgt Ion: 83 Resp: 103629
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 22.389 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 41 Resp: 60930
Ion Ratio Lower Upper
41 100
69 89.9 64.5 96.7
39 62.4 50.8 76.2





#49

1,4-Dioxane

Concen: 451.230 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

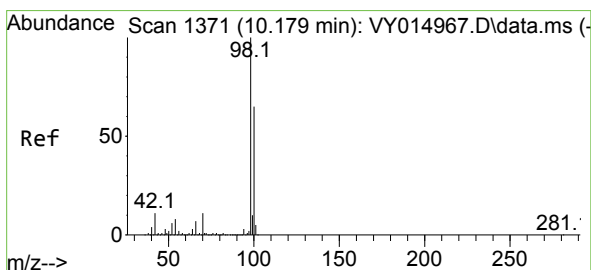
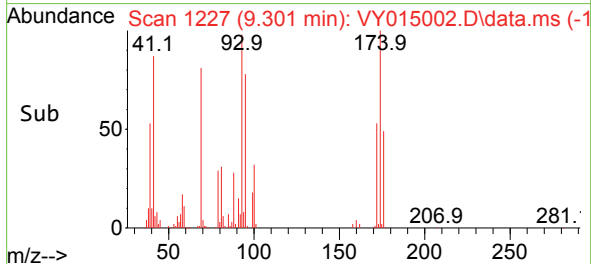
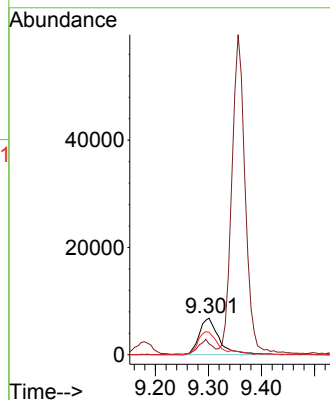
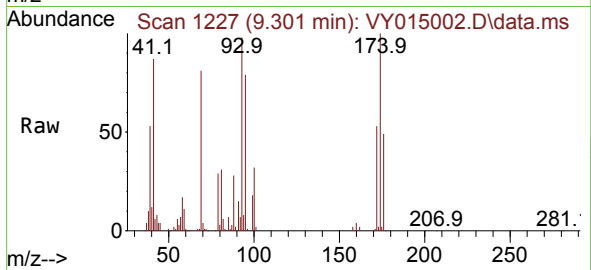
Tgt Ion: 88 Resp: 17796

Ion Ratio Lower Upper

88 100

43 27.0 0.0 0.0#

58 59.0 30.9 46.3#



#50

Toluene-d8

Concen: 51.934 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015002.D

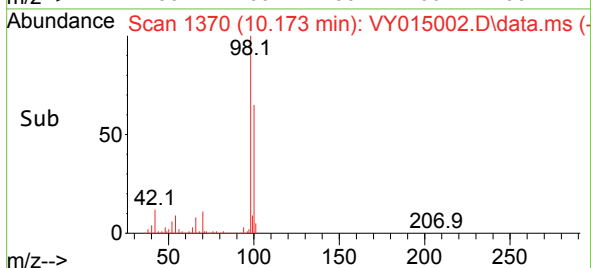
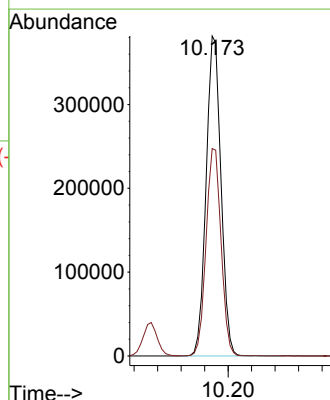
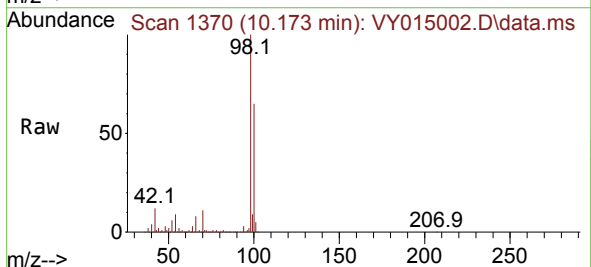
Acq: 09 Aug 2023 13:55

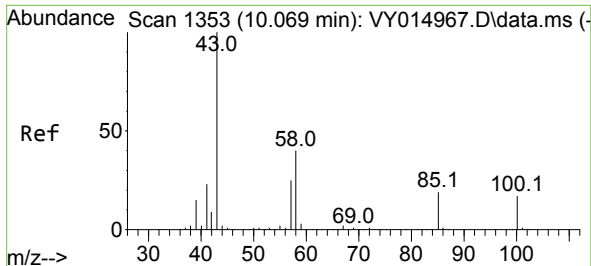
Tgt Ion: 98 Resp: 669650

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

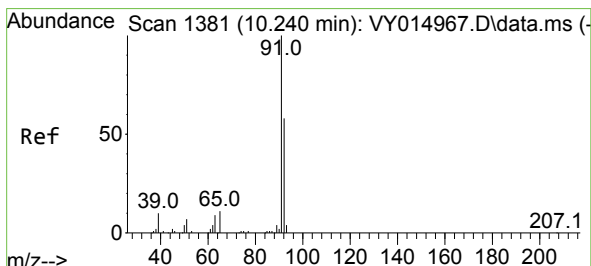
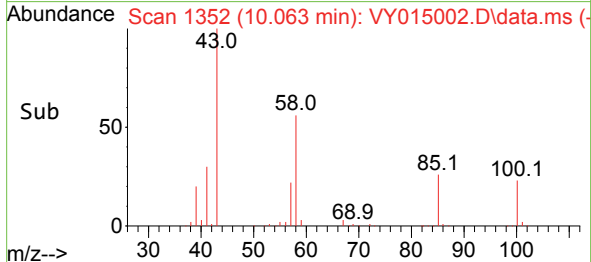
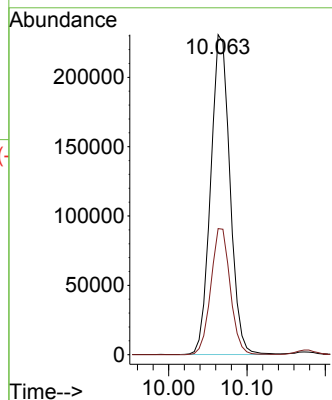
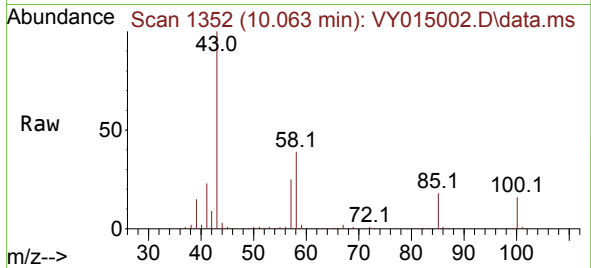




#51
4-Methyl-2-Pentanone
Concen: 112.872 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

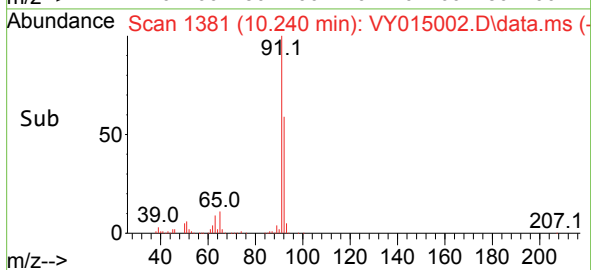
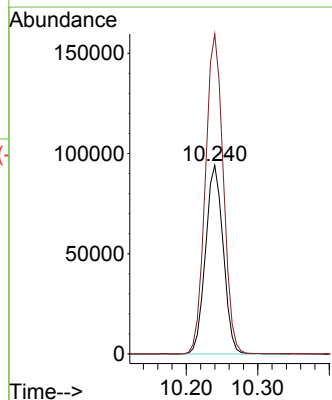
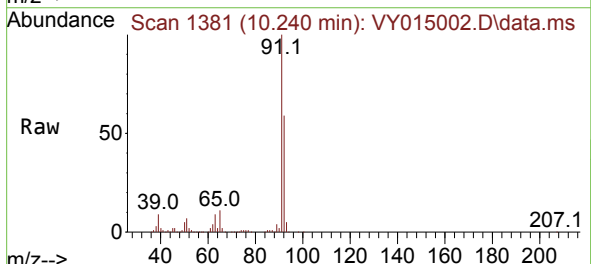
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

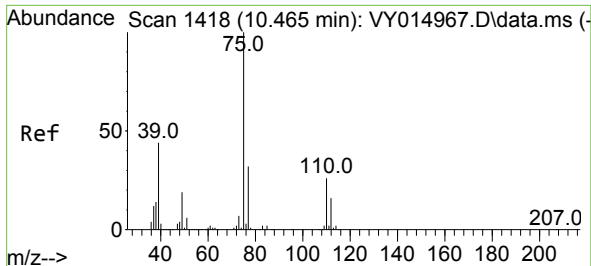
Tgt Ion: 43 Resp: 394530
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 20.272 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 92 Resp: 161558
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6

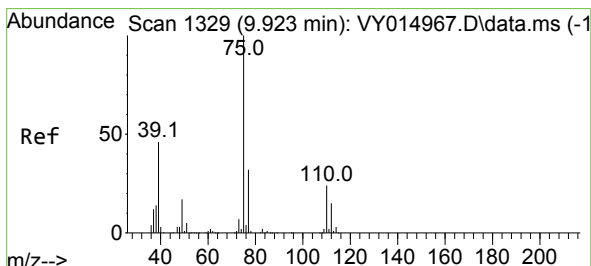
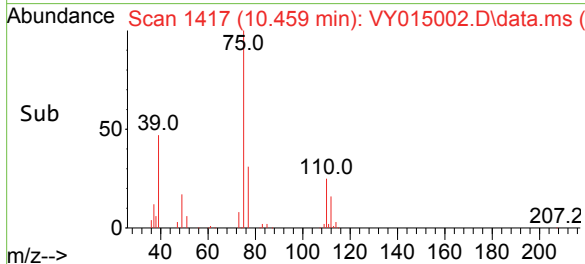
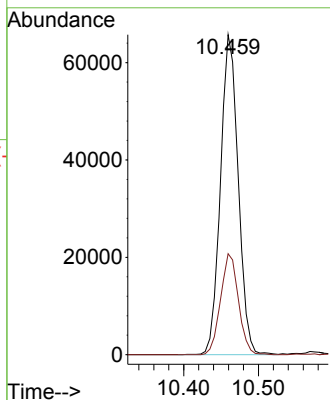
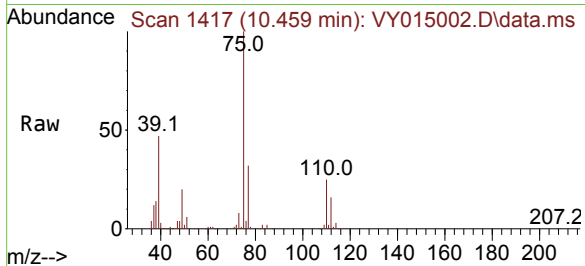




#53
 t-1,3-Dichloropropene
 Concen: 21.332 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY015002.D
 Acq: 09 Aug 2023 13:55

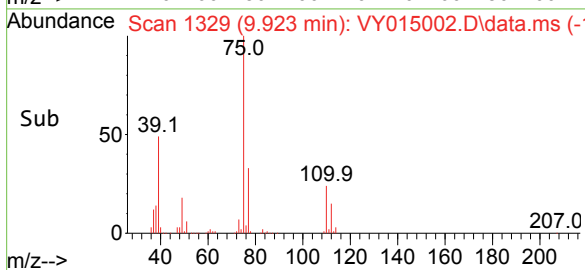
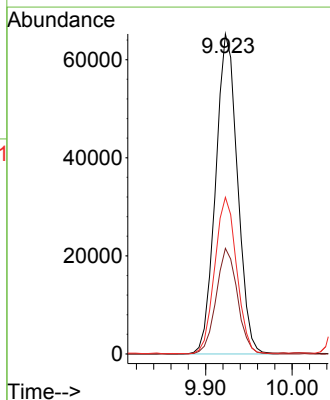
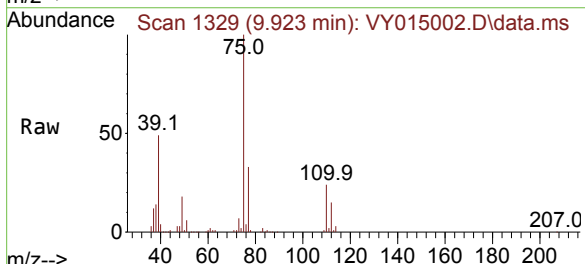
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

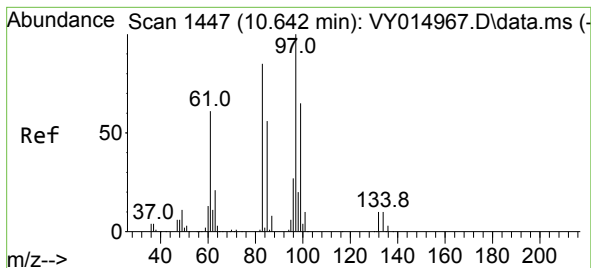
Tgt Ion: 75 Resp: 108468
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.856 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015002.D
 Acq: 09 Aug 2023 13:55

Tgt Ion: 75 Resp: 114576
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.2 36.4
 39 48.8 42.2 63.4

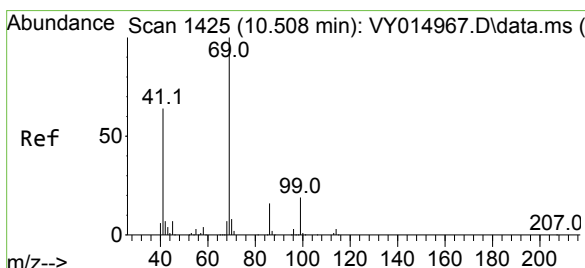
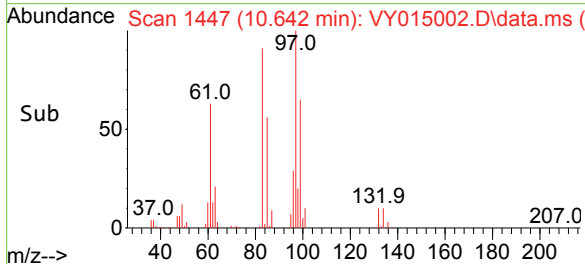
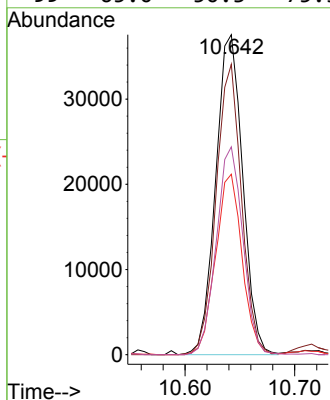
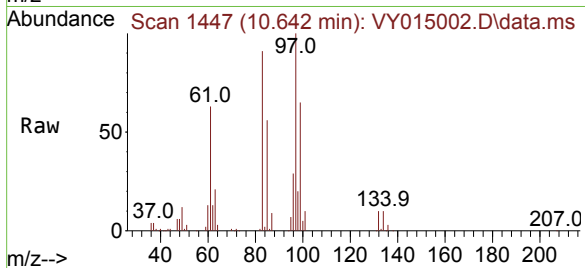




#55
1,1,2-Trichloroethane
Concen: 20.911 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

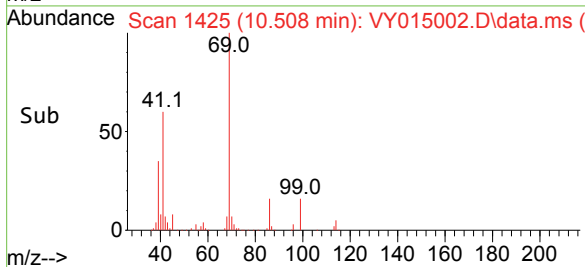
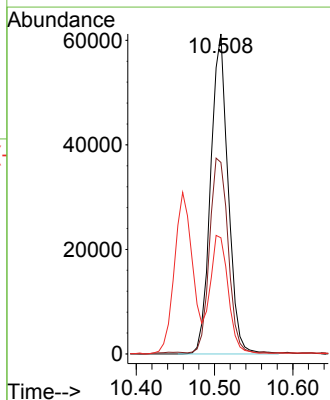
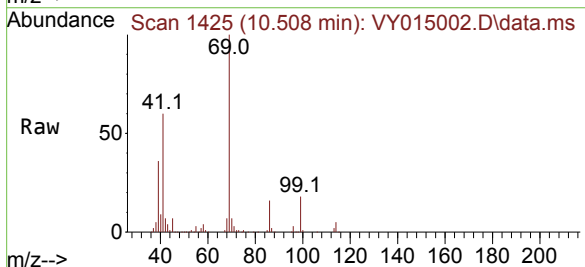
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

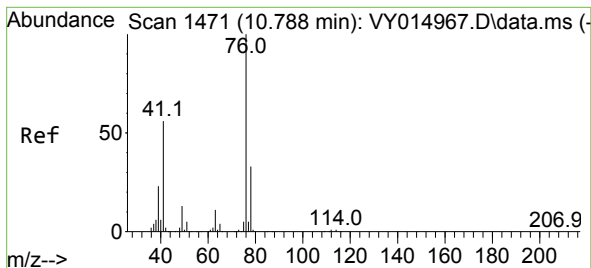
Tgt Ion: 97	Resp: 64440
Ion Ratio	Lower Upper
97 100	
83 90.7	72.0 108.0
85 56.4	45.4 68.0
99 65.0	50.3 75.5



#56
Ethyl methacrylate
Concen: 21.499 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 69	Resp: 94869
Ion Ratio	Lower Upper
69 100	
41 64.7	57.6 86.4
39 38.0	34.1 51.1





#57

1,3-Dichloropropane

Concen: 21.101 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

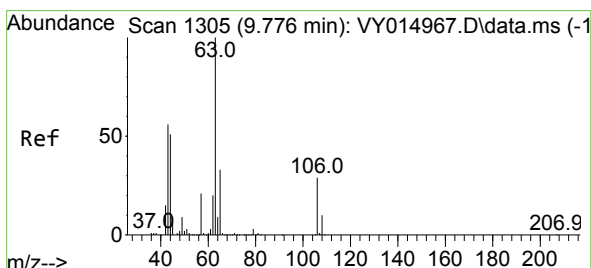
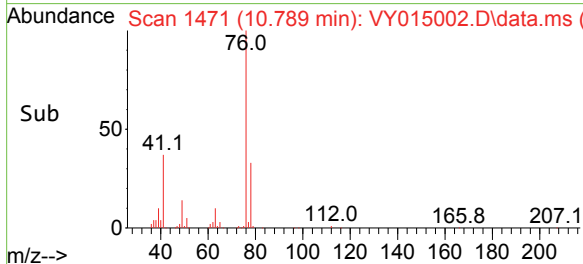
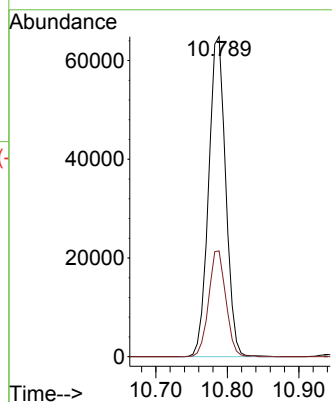
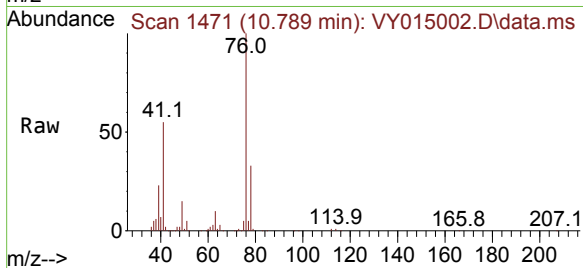
VY0809SBS01

Tgt Ion: 76 Resp: 107585

Ion Ratio Lower Upper

76 100

78 33.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 108.883 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015002.D

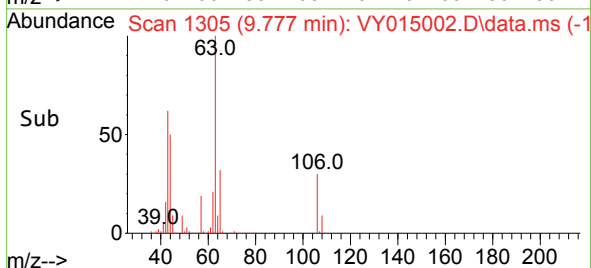
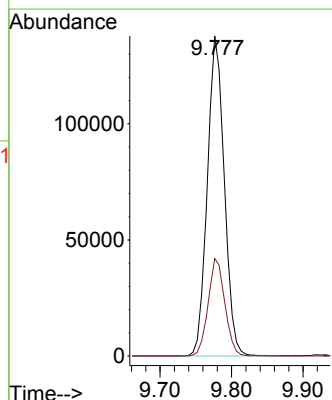
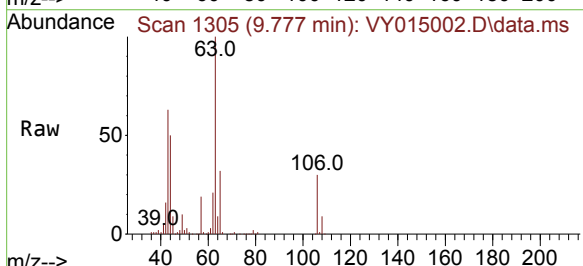
Acq: 09 Aug 2023 13:55

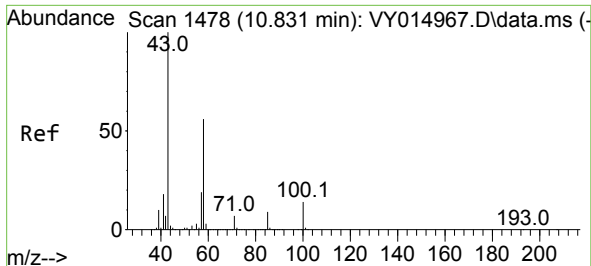
Tgt Ion: 63 Resp: 227178

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

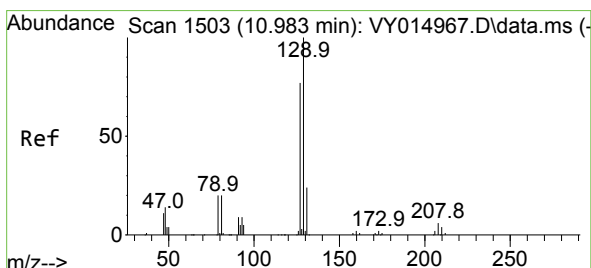
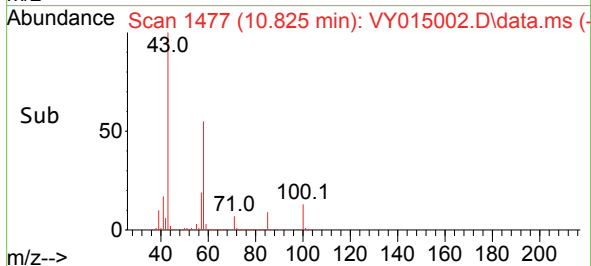
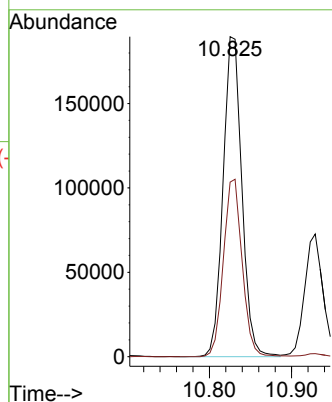
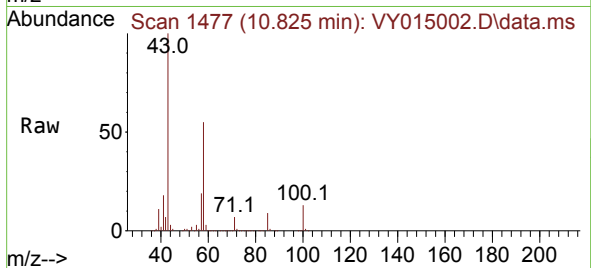




#59
2-Hexanone
Concen: 116.549 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

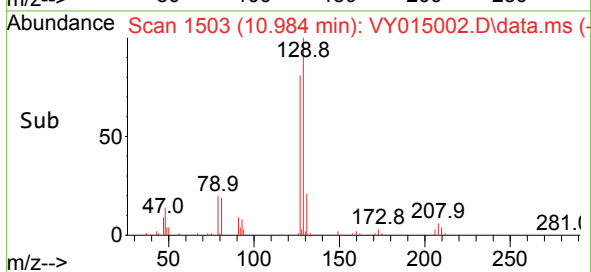
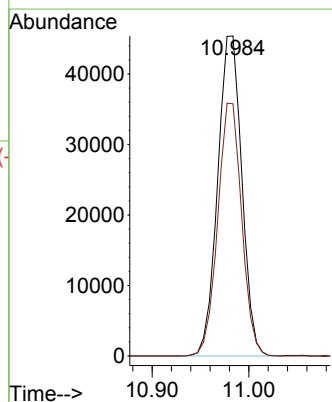
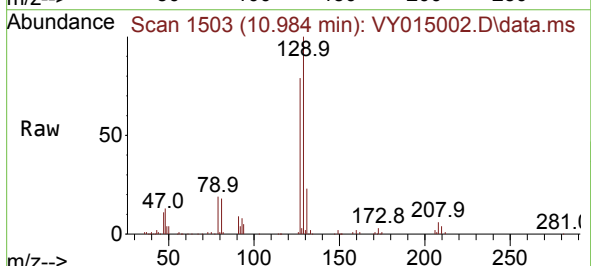
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

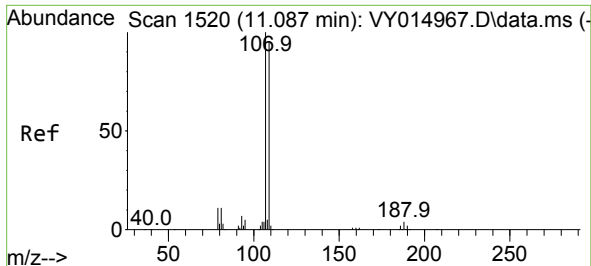
Tgt Ion: 43 Resp: 300940
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3



#60
Dibromochloromethane
Concen: 21.461 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 129 Resp: 78749
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

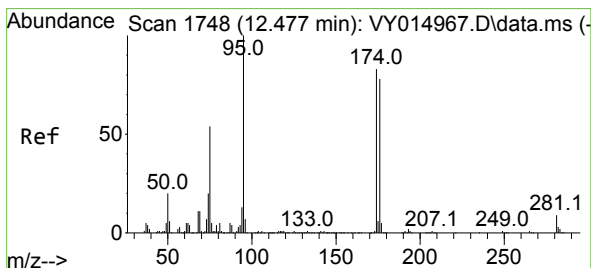
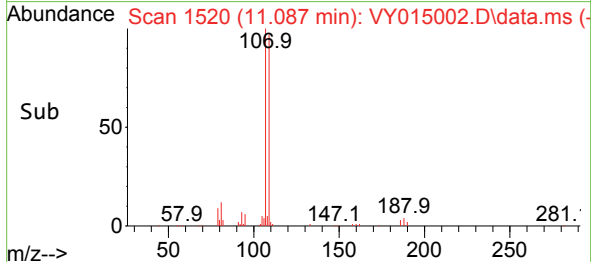
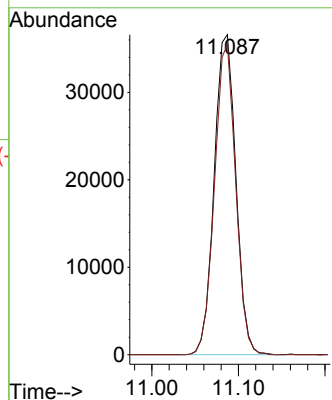
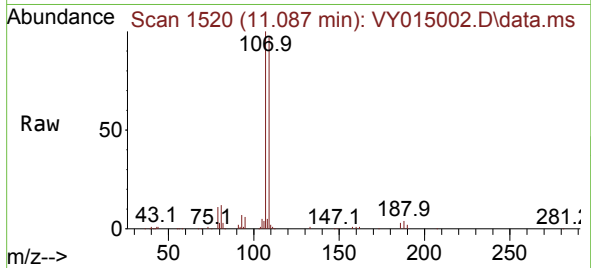




#61
1,2-Dibromoethane
Concen: 21.625 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

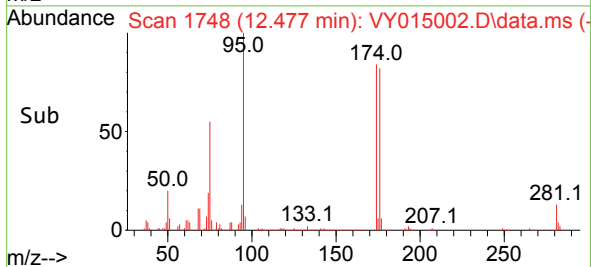
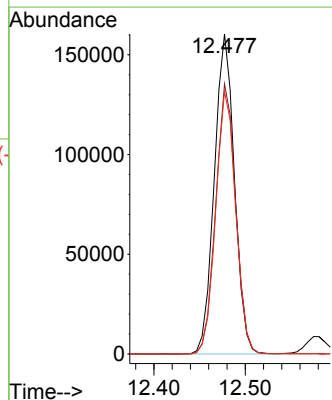
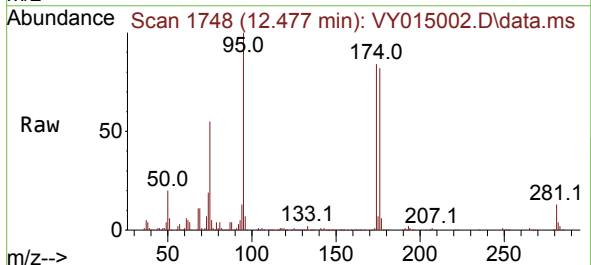
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBSD01

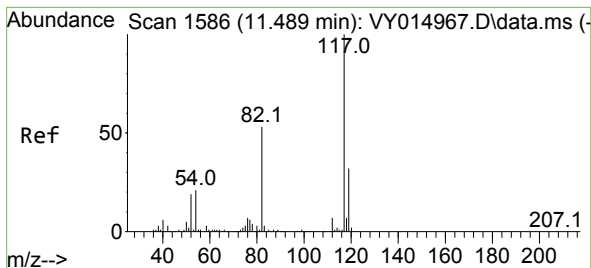
Tgt Ion:107 Resp: 63610
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.699 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 95 Resp: 245402
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 81.5 0.0 173.8

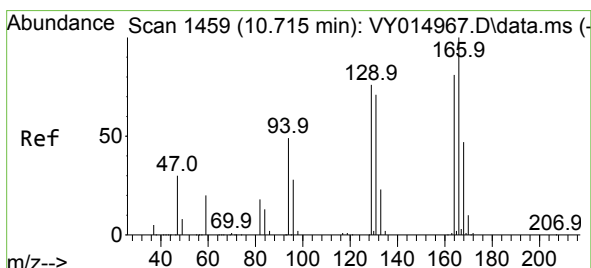
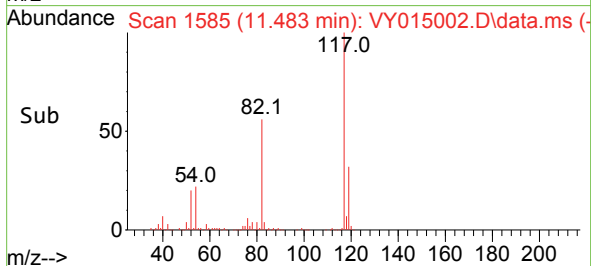
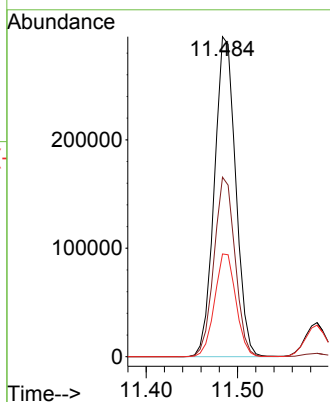
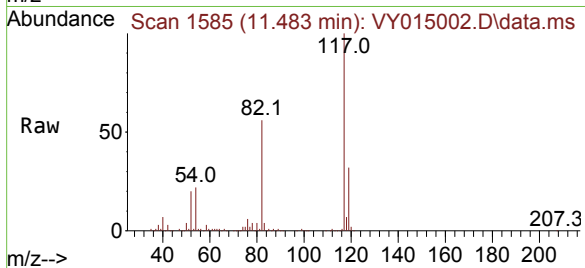




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

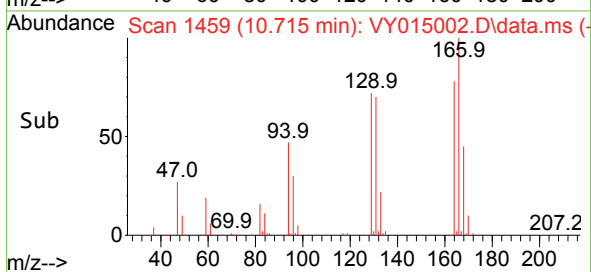
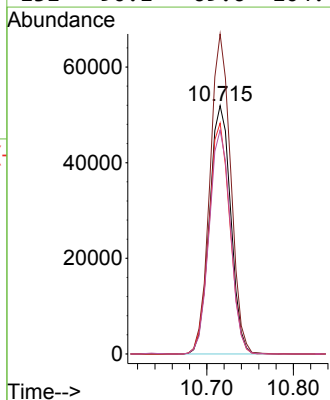
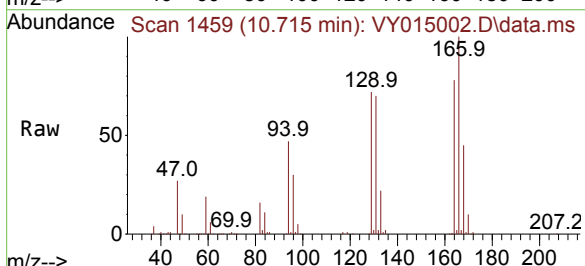
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

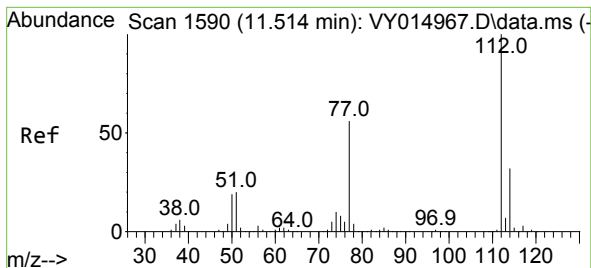
Tgt Ion:117 Resp: 478074
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 24.641 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:164 Resp: 88613
Ion Ratio Lower Upper
164 100
166 128.8 103.0 154.6
129 93.0 77.2 115.8
131 90.1 69.6 104.4

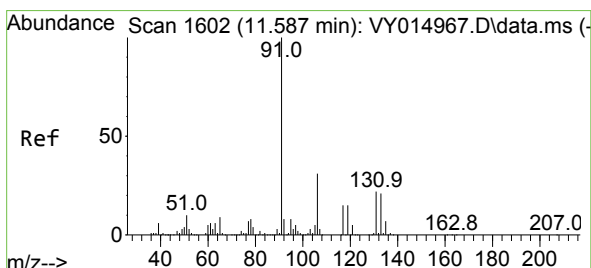
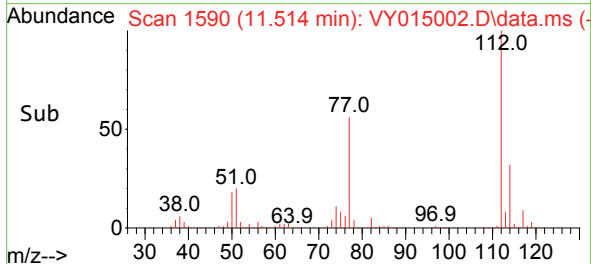
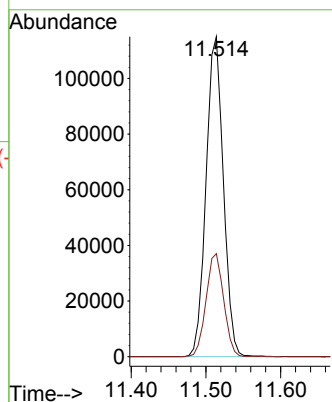
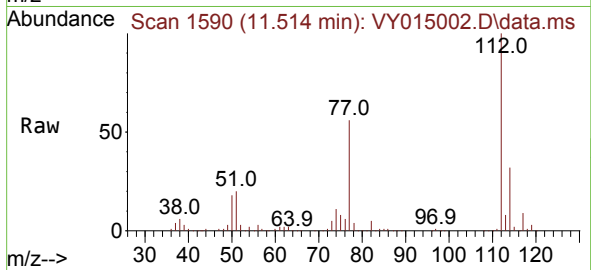




#65
Chlorobenzene
Concen: 20.397 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

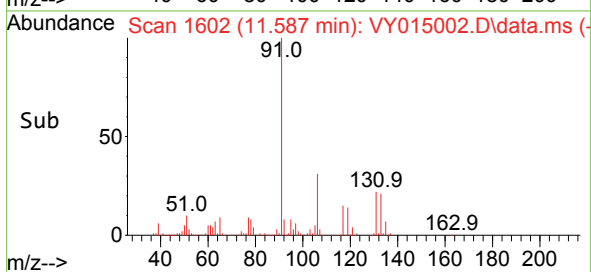
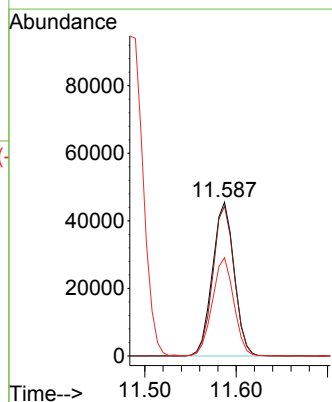
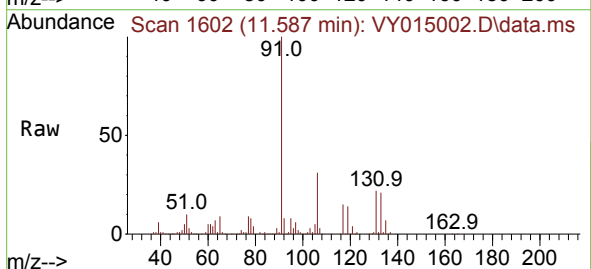
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

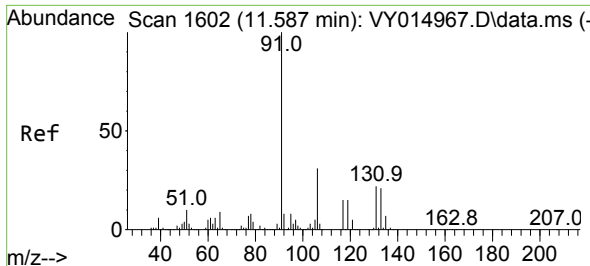
Tgt Ion:112 Resp: 185033
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.141 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:131 Resp: 75150
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 63.2 31.6 94.7

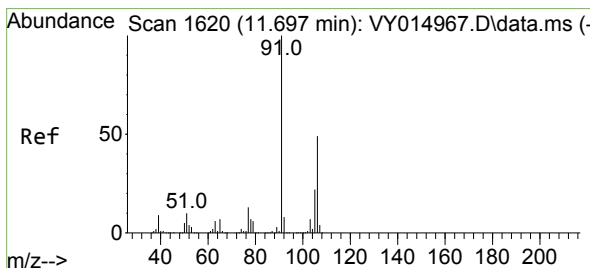
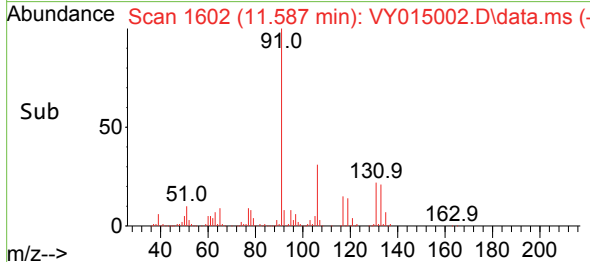
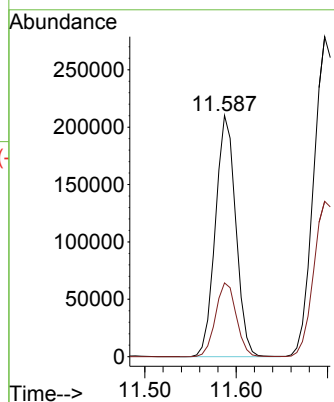
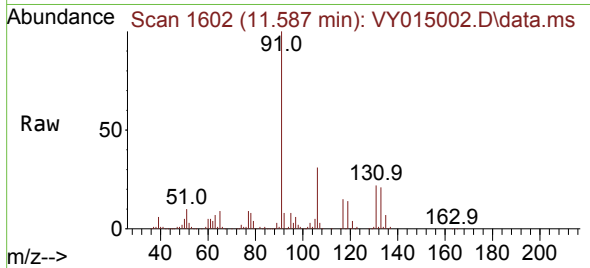




#67
Ethyl Benzene
Concen: 20.448 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

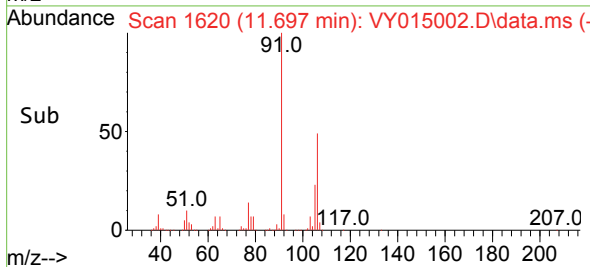
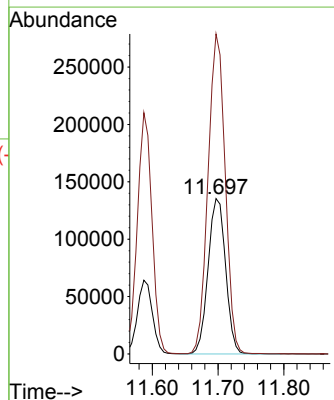
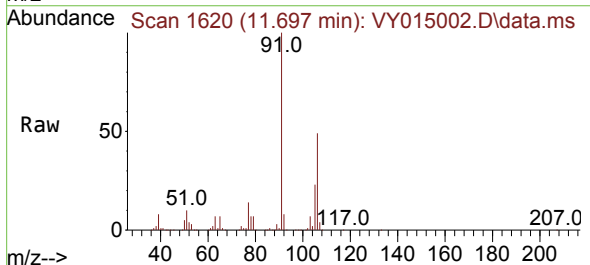
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

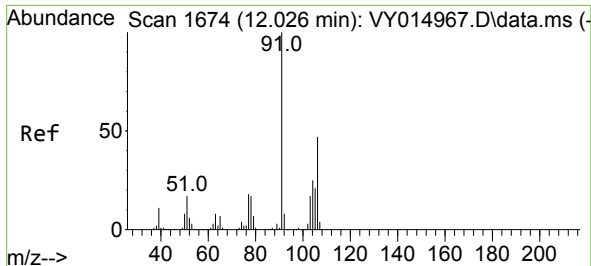
Tgt Ion: 91 Resp: 325540
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 41.180 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 106 Resp: 250796
Ion Ratio Lower Upper
106 100
91 201.8 166.1 249.1

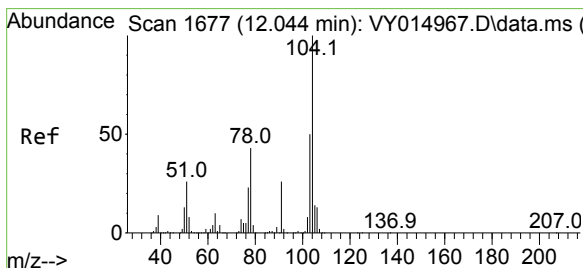
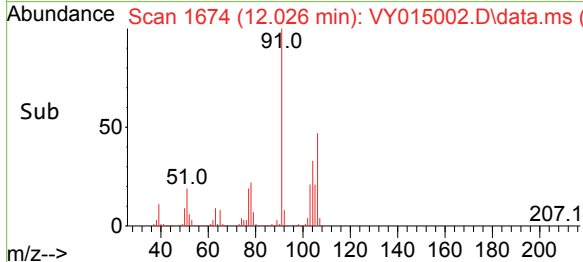
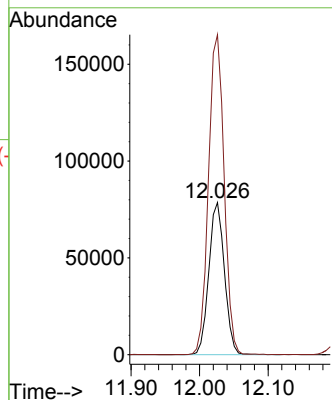
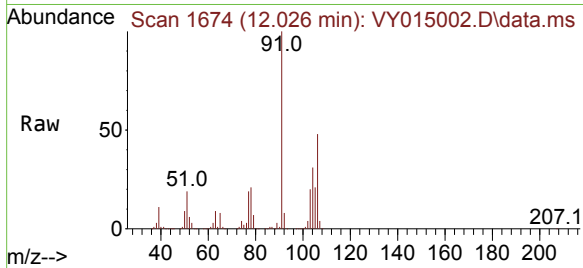




#69
o-Xylene
Concen: 20.876 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

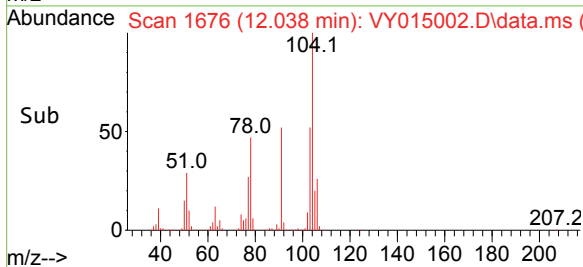
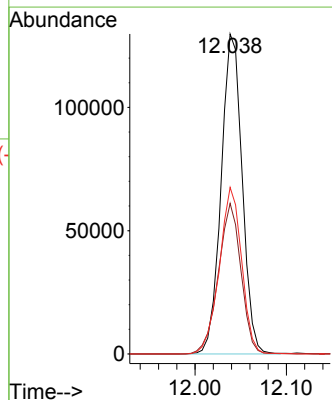
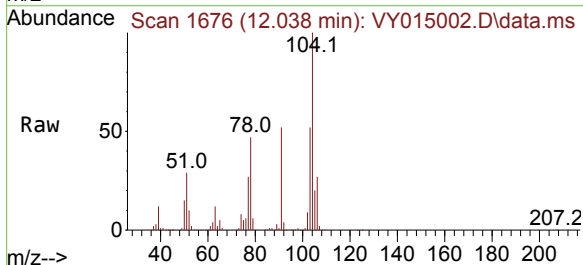
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

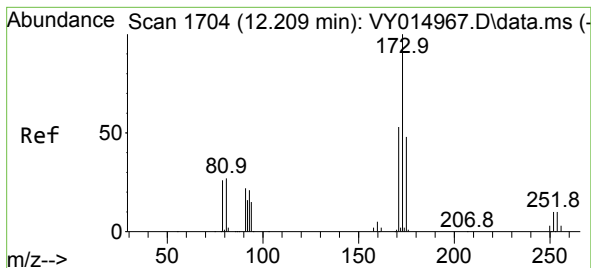
Tgt Ion:106 Resp: 124409
Ion Ratio Lower Upper
106 100
91 211.2 108.1 324.3



#70
Styrene
Concen: 20.402 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:104 Resp: 207784
Ion Ratio Lower Upper
104 100
78 50.5 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 21.605 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

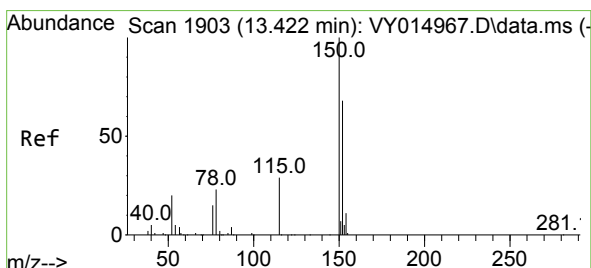
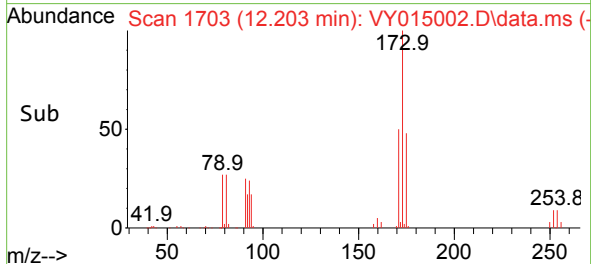
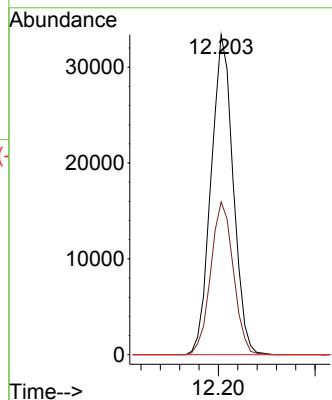
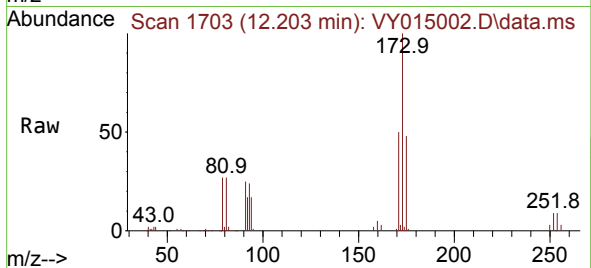
Tgt Ion:173 Resp: 52936

Ion Ratio Lower Upper

173 100

175 48.9 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: VY015002.D

Acq: 09 Aug 2023 13:55

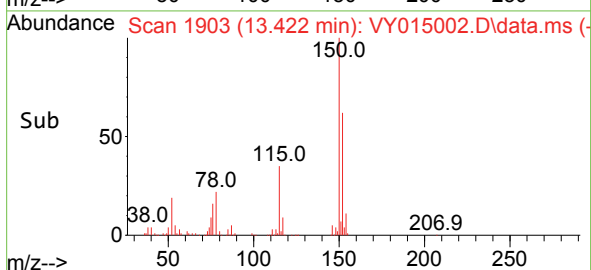
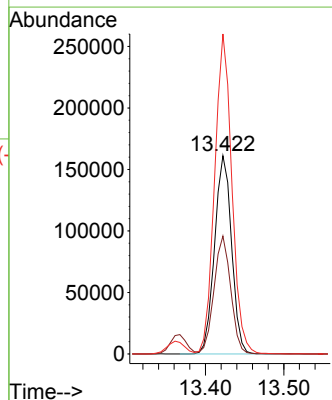
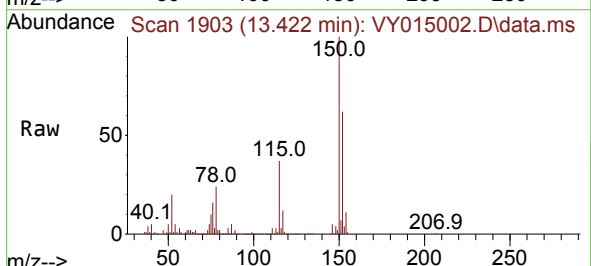
Tgt Ion:152 Resp: 243503

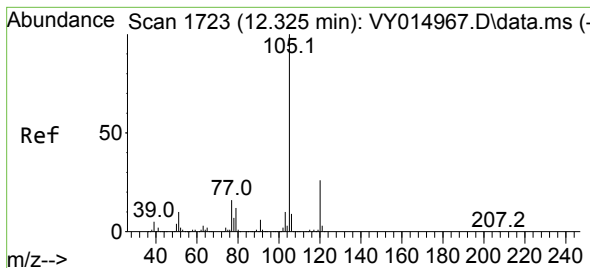
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 163.5 0.0 348.8





#73

Isopropylbenzene

Concen: 19.915 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

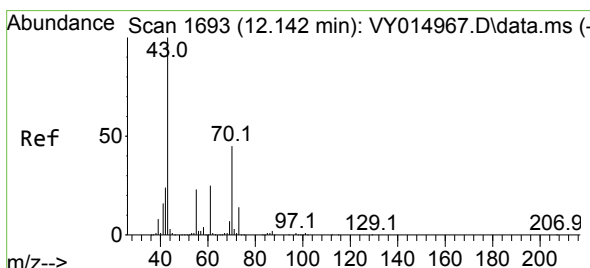
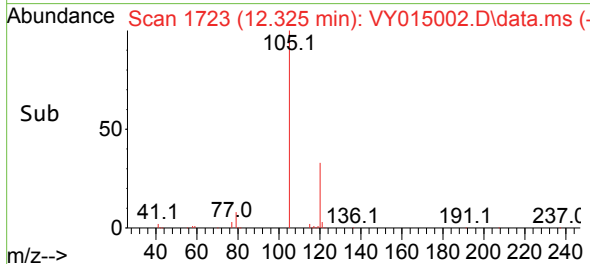
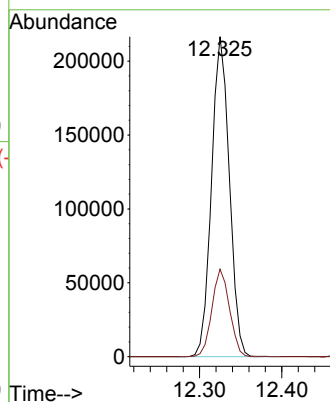
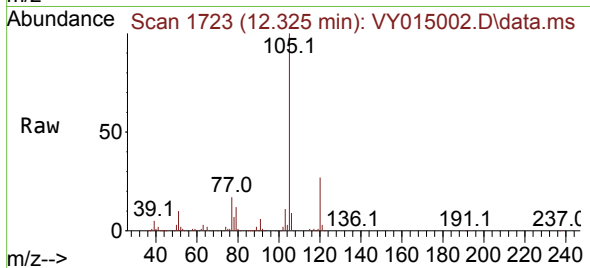
VY0809SBS01

Tgt Ion:105 Resp: 325978

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 20.402 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Tgt Ion: 43 Resp: 114098

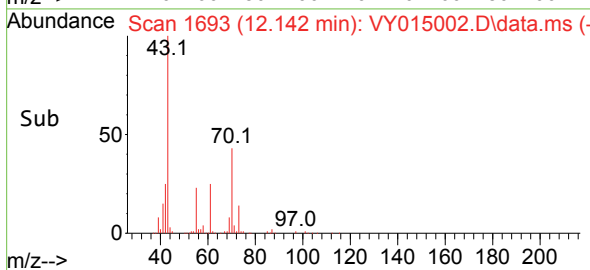
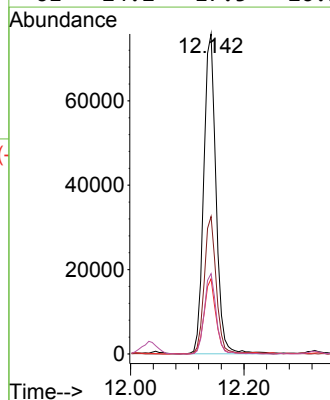
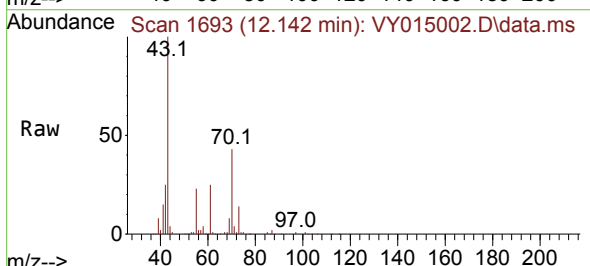
Ion Ratio Lower Upper

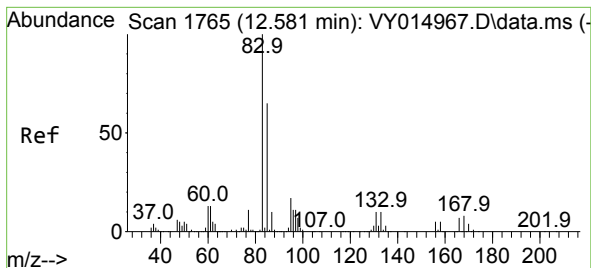
43 100

70 42.4 29.7 44.5

55 22.7 18.3 27.5

61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.335 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

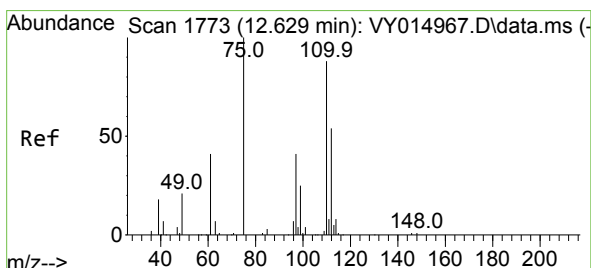
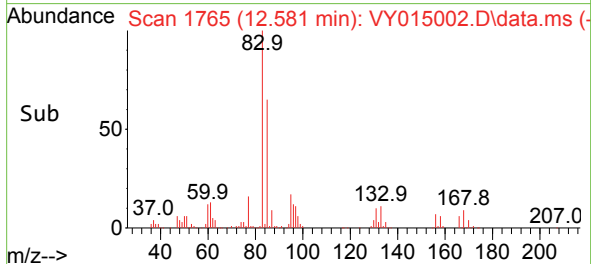
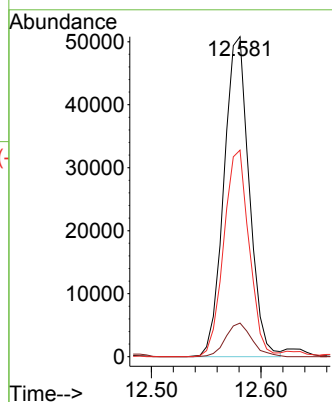
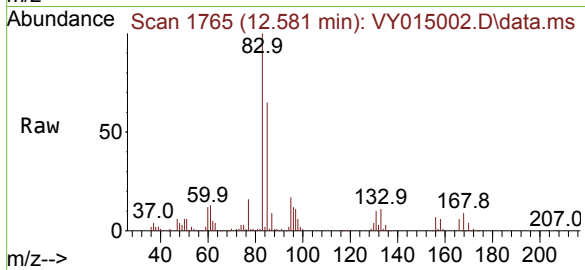
Tgt Ion: 83 Resp: 81344

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.650 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015002.D

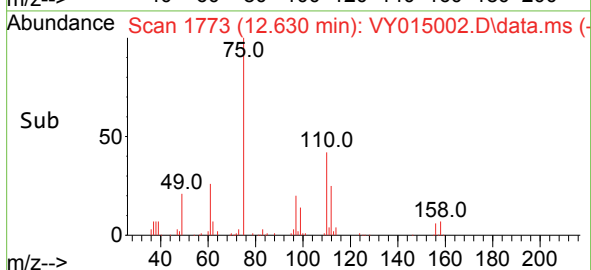
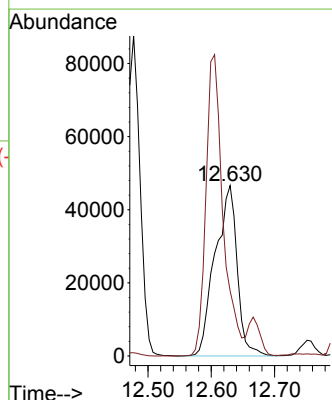
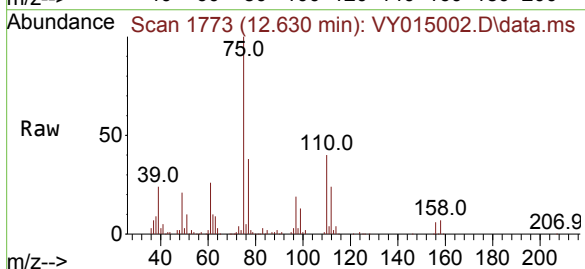
Acq: 09 Aug 2023 13:55

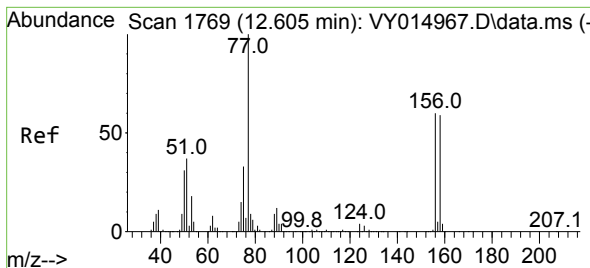
Tgt Ion: 75 Resp: 112772

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.421 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

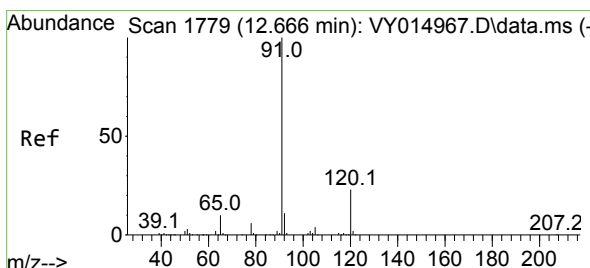
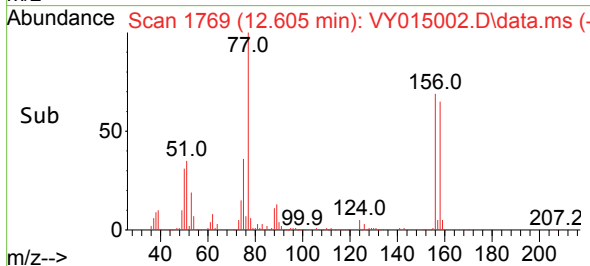
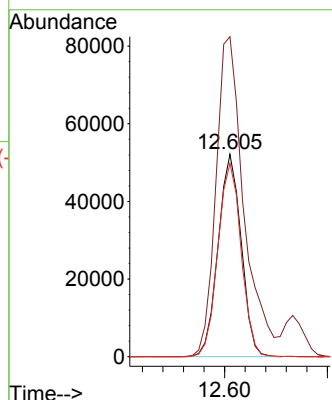
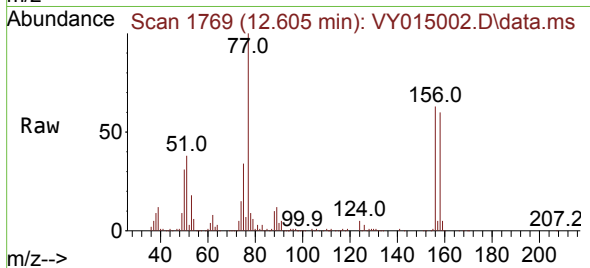
Tgt Ion:156 Resp: 81080

Ion Ratio Lower Upper

156 100

77 190.8 92.8 278.6

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 20.034 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015002.D

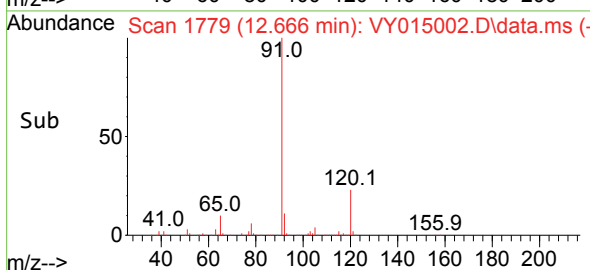
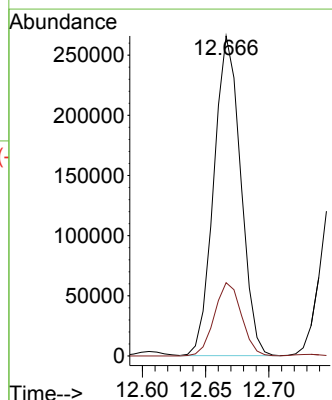
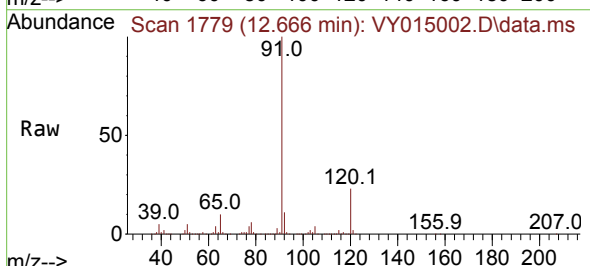
Acq: 09 Aug 2023 13:55

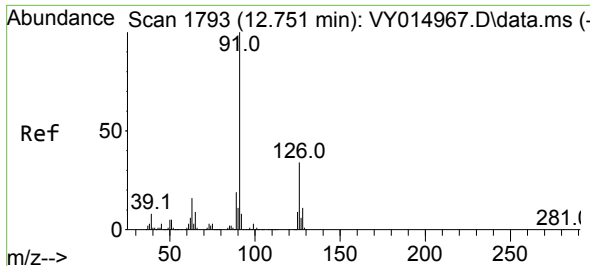
Tgt Ion: 91 Resp: 392225

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

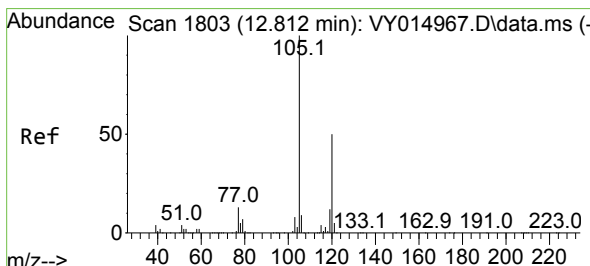
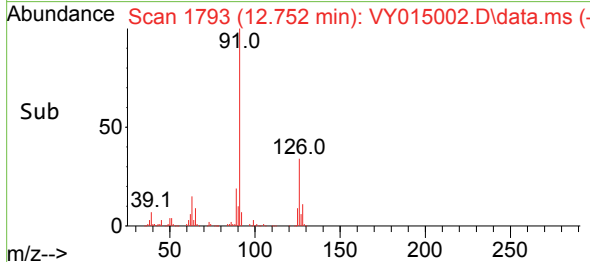
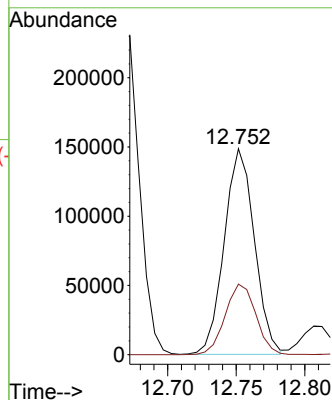
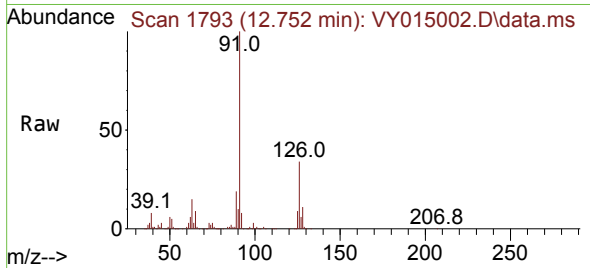




#79
2-Chlorotoluene
Concen: 20.433 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

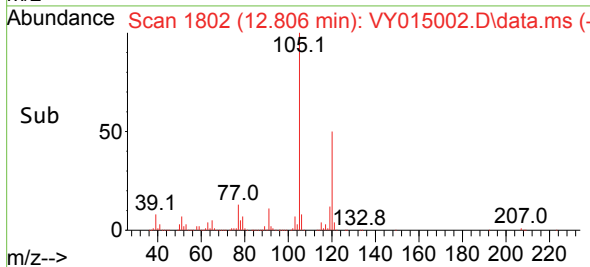
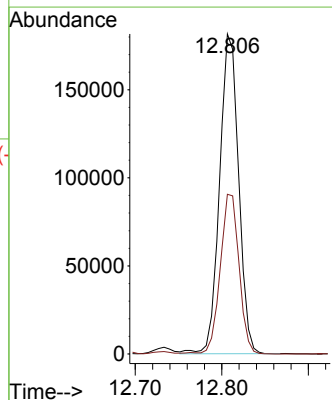
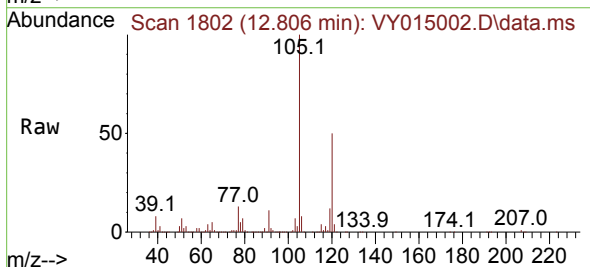
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

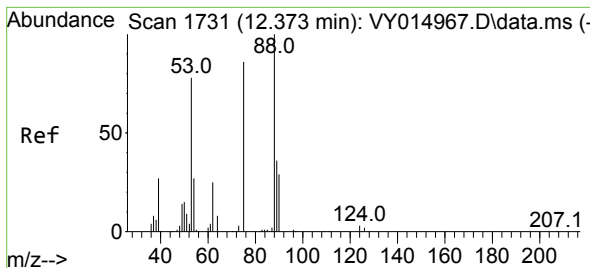
Tgt Ion: 91 Resp: 227991
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.538 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 105 Resp: 277043
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

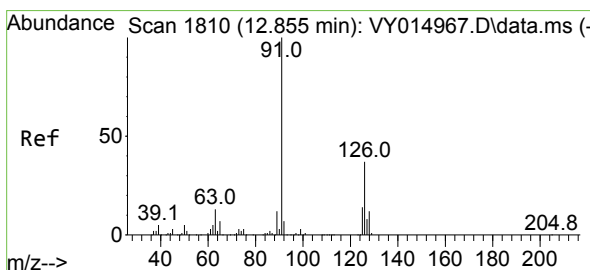
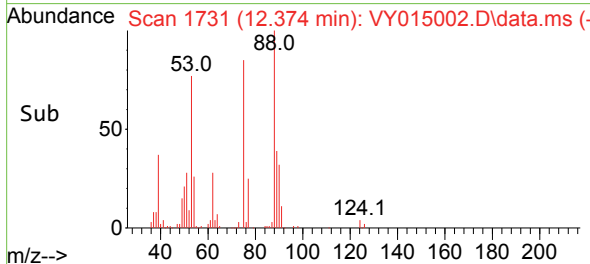
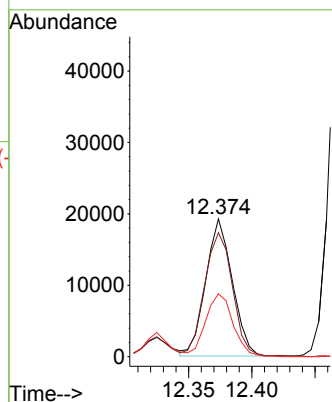
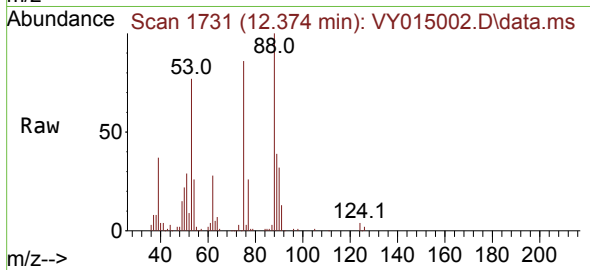




#81
trans-1,4-Dichloro-2-butene
Concen: 21.218 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

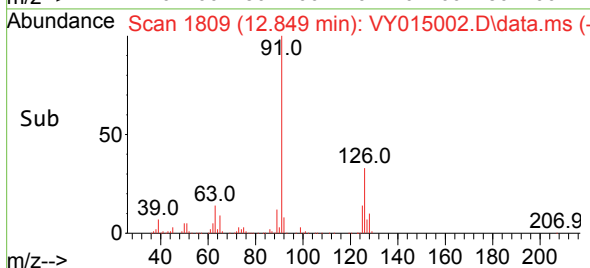
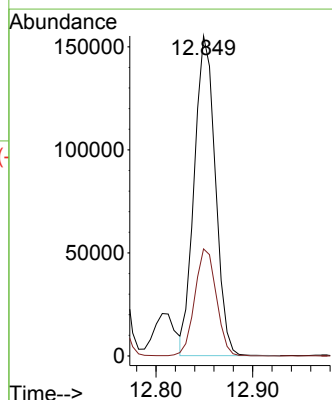
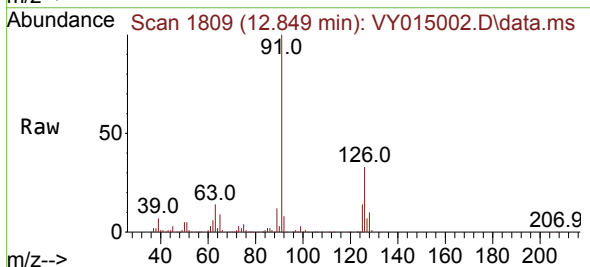
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

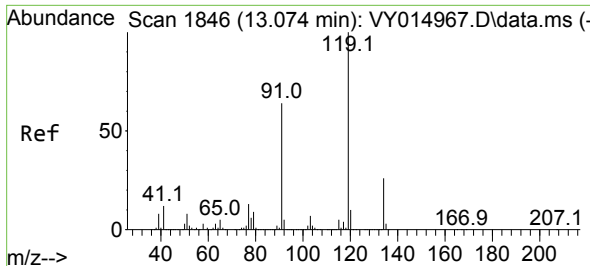
Tgt Ion: 75 Resp: 28102
Ion Ratio Lower Upper
75 100
53 95.8 77.8 116.8
89 47.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.328 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 91 Resp: 234478
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

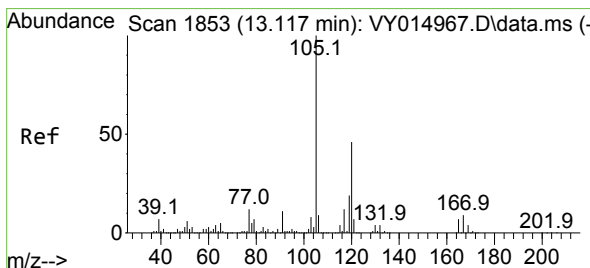
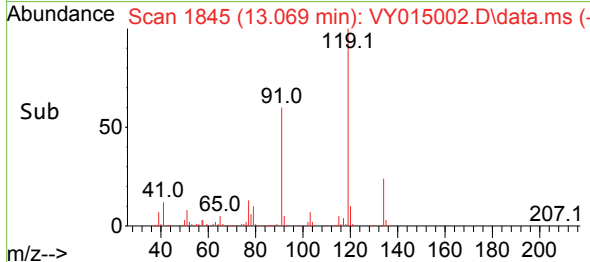
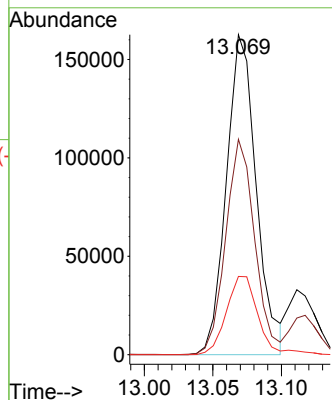
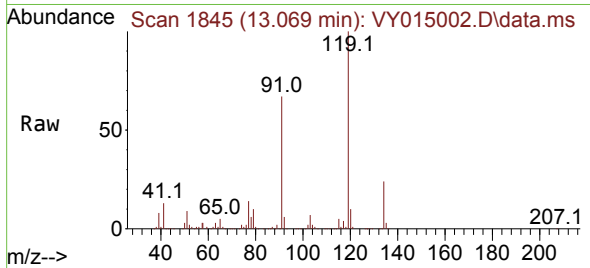




#83
tert-Butylbenzene
Concen: 20.016 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

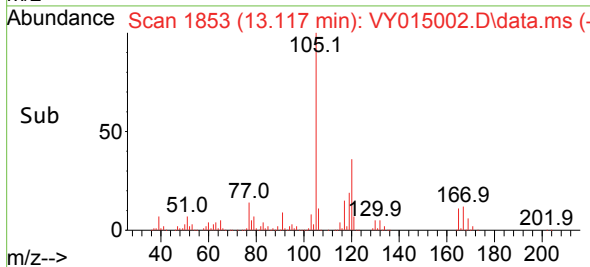
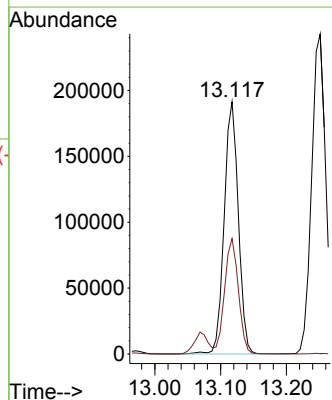
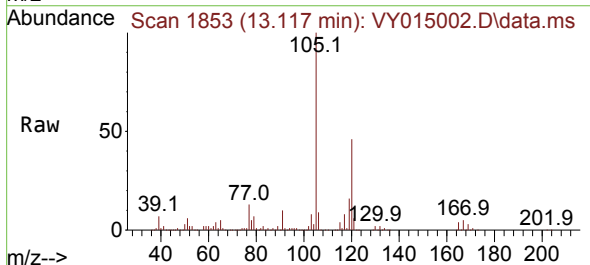
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

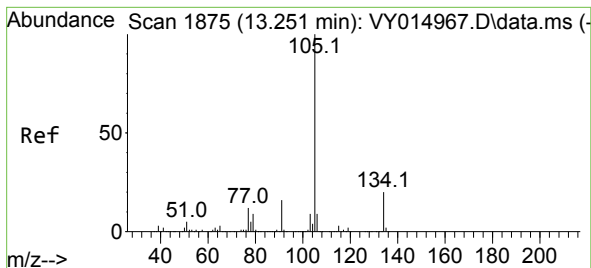
Tgt Ion:119 Resp: 246985
Ion Ratio Lower Upper
119 100
91 65.4 32.9 98.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 21.205 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:105 Resp: 286571
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.078 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

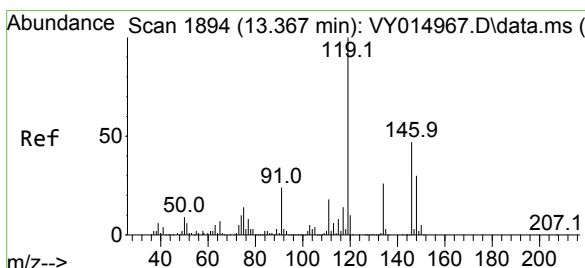
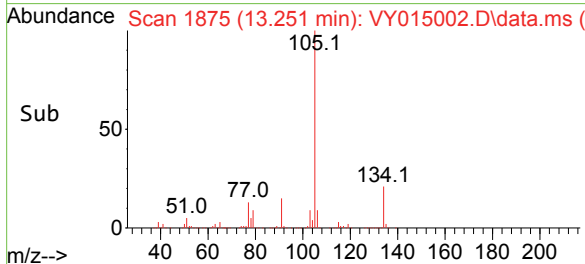
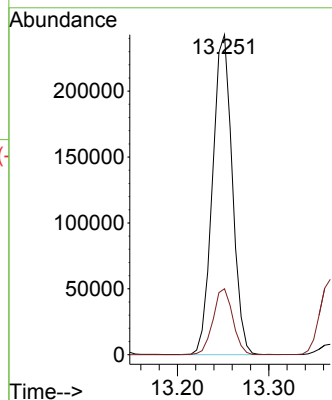
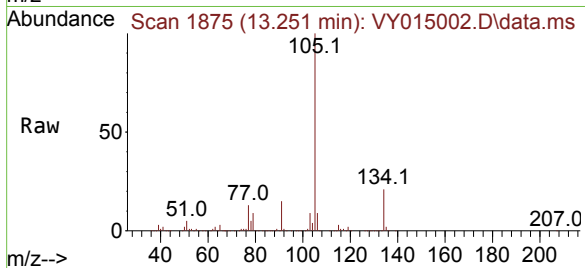
VY0809SBS01

Tgt Ion:105 Resp: 363619

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.021 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

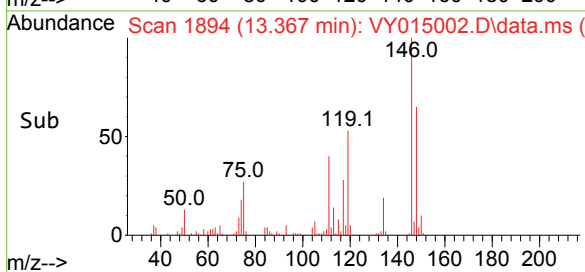
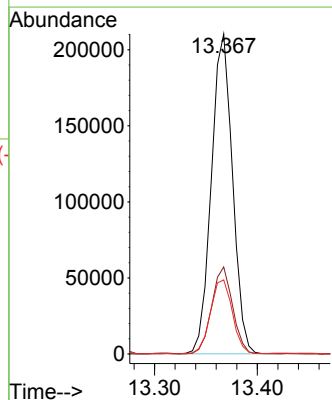
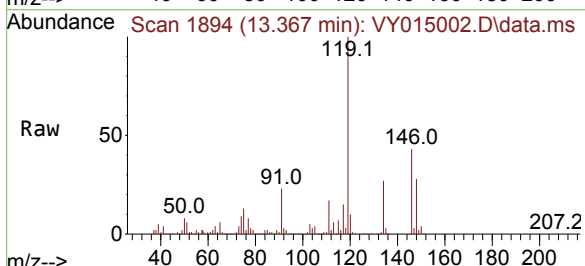
Tgt Ion:119 Resp: 300142

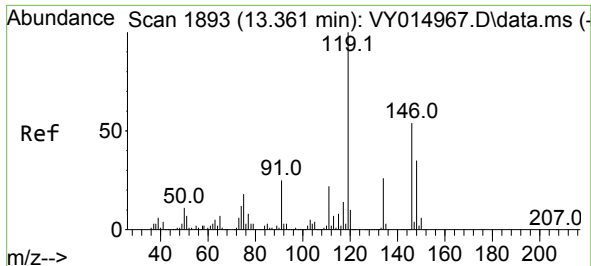
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 24.0 12.4 37.4

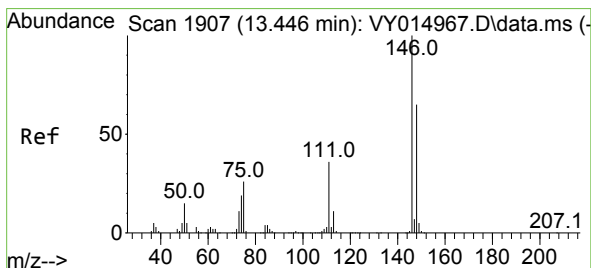
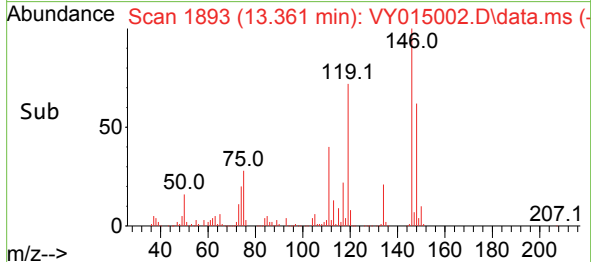
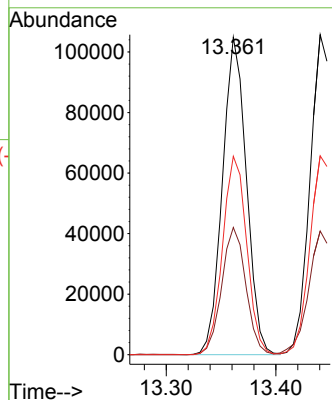
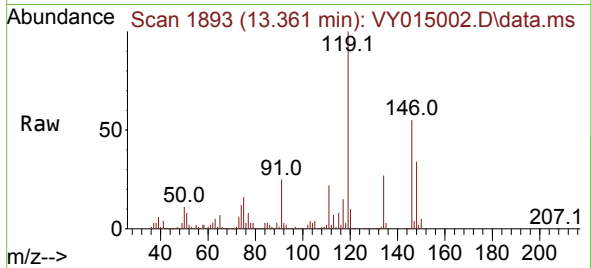




#87
1,3-Dichlorobenzene
Concen: 20.512 ug/l
RT: 13.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

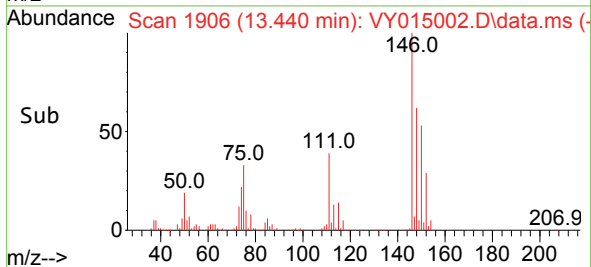
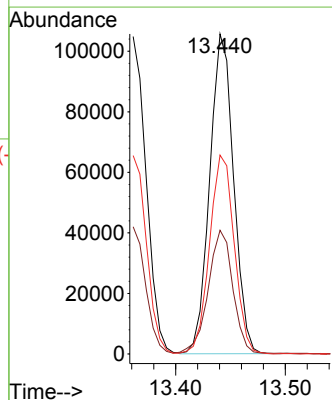
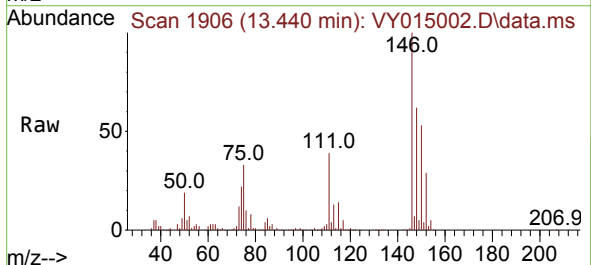
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

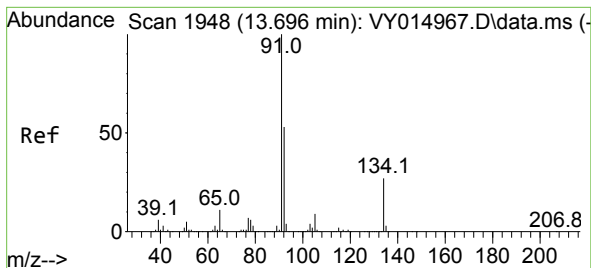
Tgt Ion:146 Resp: 159411
Ion Ratio Lower Upper
146 100
111 40.4 19.4 58.2
148 63.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.651 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:146 Resp: 160053
Ion Ratio Lower Upper
146 100
111 39.7 18.9 56.7
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 20.126 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

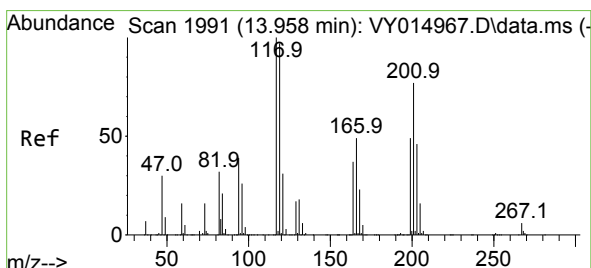
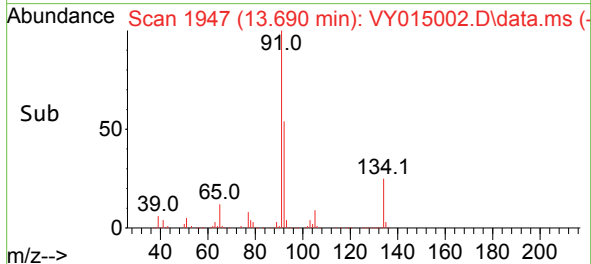
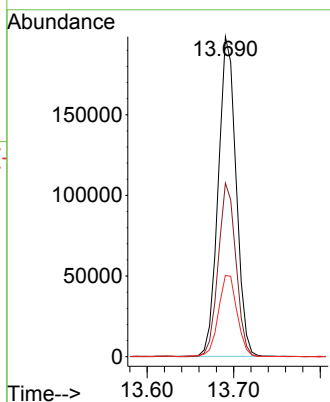
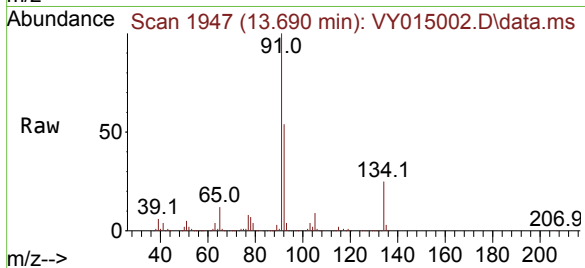
Tgt Ion: 91 Resp: 283480

Ion Ratio Lower Upper

91 100

92 53.9 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 20.461 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015002.D

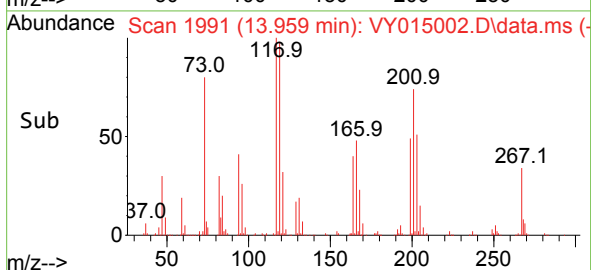
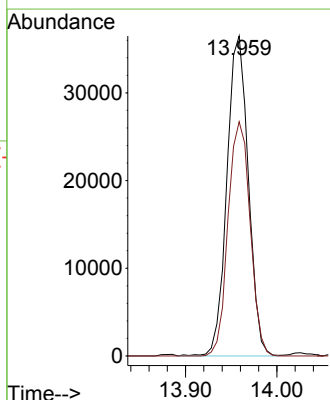
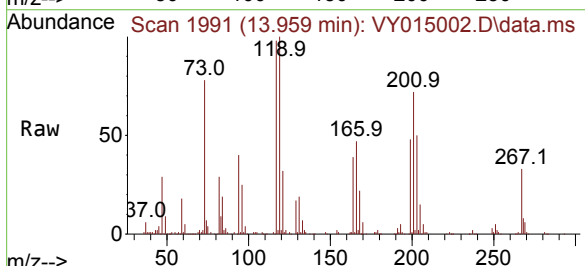
Acq: 09 Aug 2023 13:55

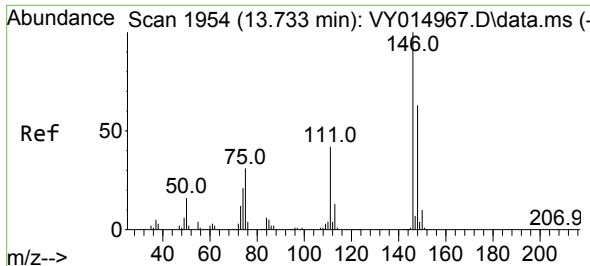
Tgt Ion: 117 Resp: 59566

Ion Ratio Lower Upper

117 100

201 75.2 41.6 124.8

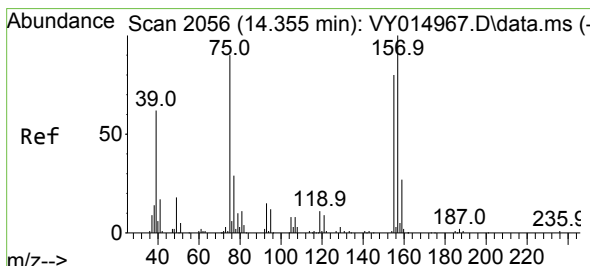
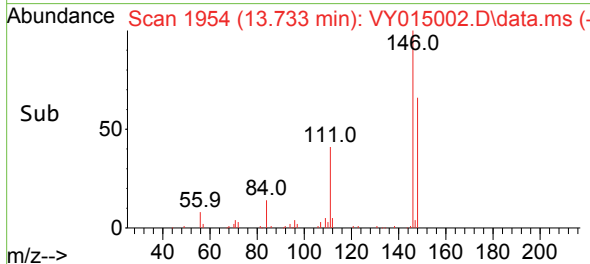
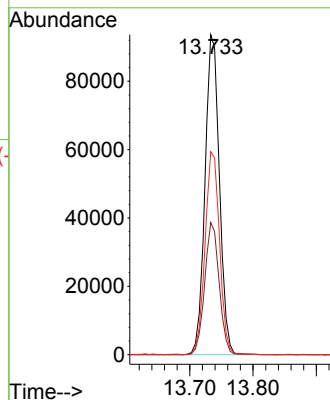
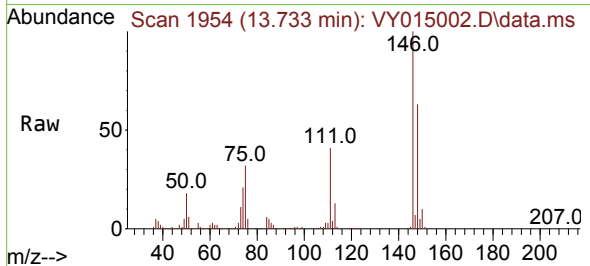




#91
1,2-Dichlorobenzene
Concen: 20.670 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

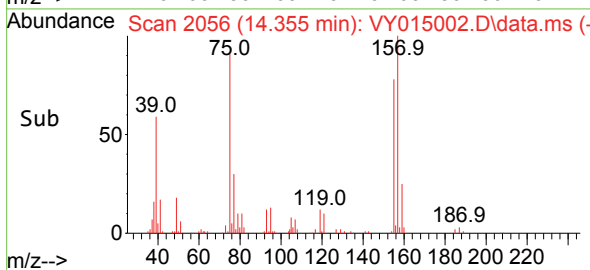
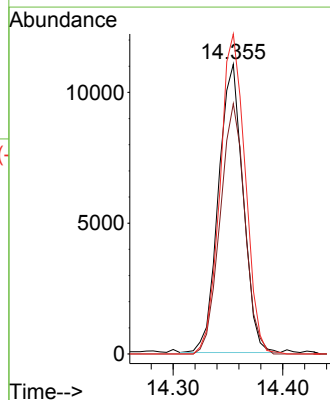
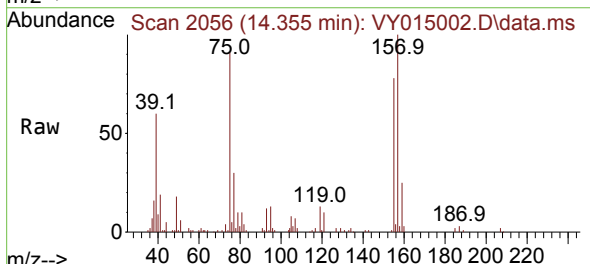
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

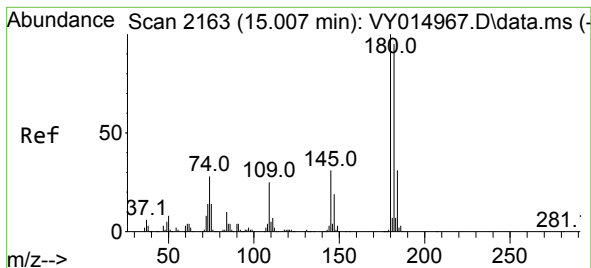
Tgt Ion:146 Resp: 148255
Ion Ratio Lower Upper
146 100
111 41.6 19.7 59.0
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.014 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion: 75 Resp: 17194
Ion Ratio Lower Upper
75 100
155 87.0 41.5 124.6
157 113.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.387 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBS01

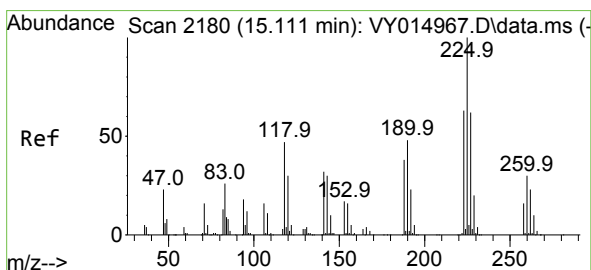
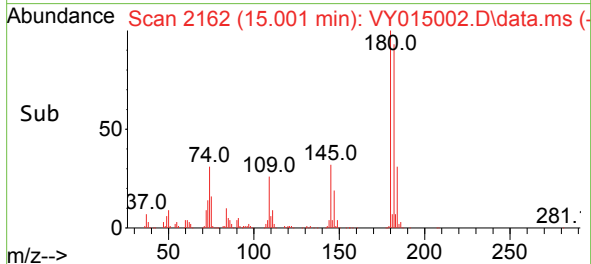
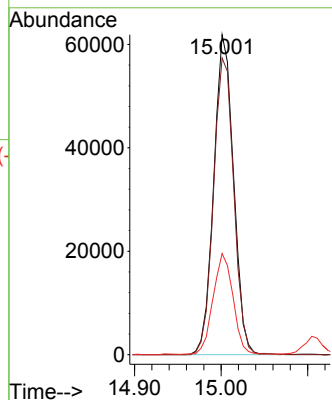
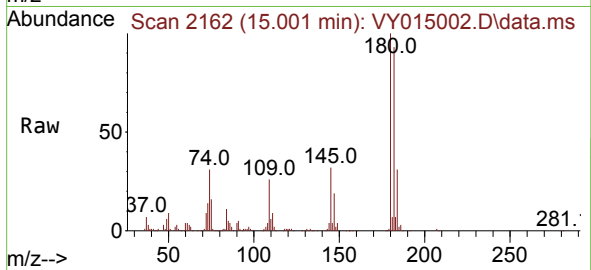
Tgt Ion:180 Resp: 98163

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 31.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.191 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015002.D

Acq: 09 Aug 2023 13:55

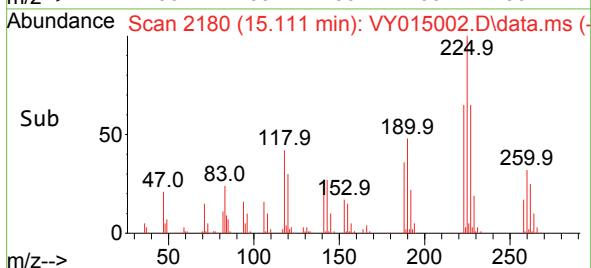
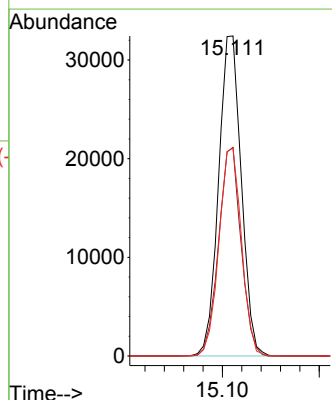
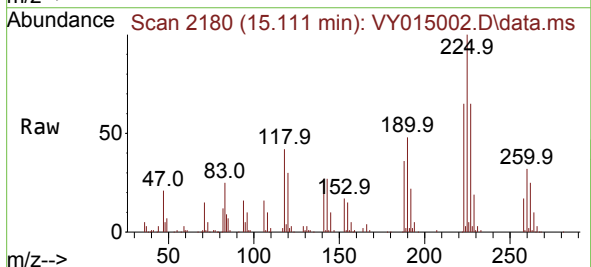
Tgt Ion:225 Resp: 52741

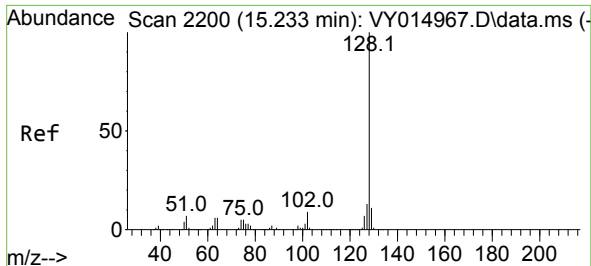
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.9

227 64.4 33.0 98.9

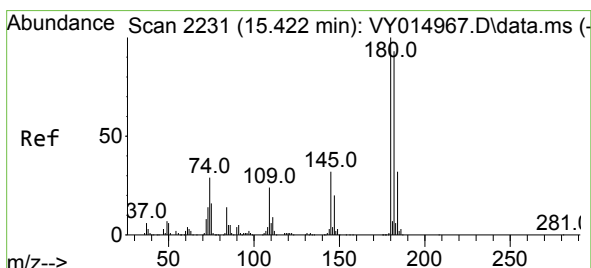
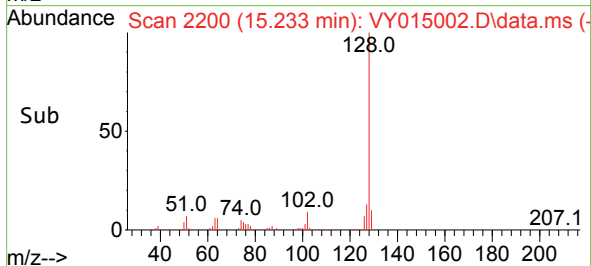
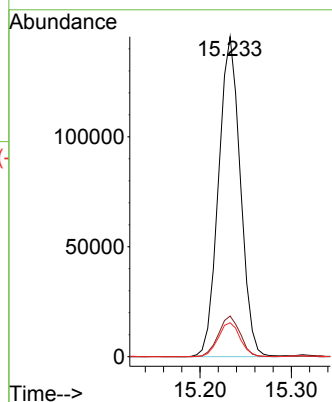
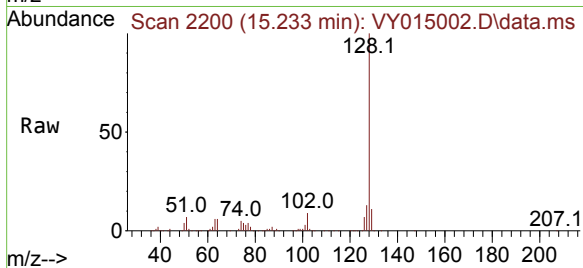




#95
Naphthalene
Concen: 22.343 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBS01

Tgt Ion:128 Resp: 241288
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.298 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015002.D
Acq: 09 Aug 2023 13:55

Tgt Ion:180 Resp: 88481
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 34.4 15.4 46.2

