

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014113.D
 Acq On : 12 Jun 2023 12:24
 Operator : KP/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Quant Time: Jun 13 05:39:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	291365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133297	45.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.260%
35) Dibromofluoromethane	7.710	113	112884	50.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.380%
50) Toluene-d8	10.173	98	396789	47.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.477	95	149536	50.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53772	23.000	ug/l	98
3) Chloromethane	2.107	50	59959	20.226	ug/l	99
4) Vinyl Chloride	2.247	62	60580	21.019	ug/l	99
5) Bromomethane	2.650	94	49915	20.990	ug/l	94
6) Chloroethane	2.790	64	40243	20.548	ug/l	100
7) Trichlorofluoromethane	3.119	101	103402	22.084	ug/l	95
8) Diethyl Ether	3.528	74	30962	19.804	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	51300	21.709	ug/l	98
10) Methyl Iodide	4.082	142	56444	18.089	ug/l	99
11) Tert butyl alcohol	4.942	59	20778	44.607	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	49274	20.572	ug/l	93
13) Acrolein	3.723	56	19834	130.865	ug/l	97
14) Allyl chloride	4.473	41	81064	18.671	ug/l	96
15) Acrylonitrile	5.161	53	76032	94.282	ug/l	99
16) Acetone	3.954	43	71044	80.683	ug/l	98
17) Carbon Disulfide	4.186	76	145906	18.799	ug/l	100
18) Methyl Acetate	4.473	43	59858	17.514	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	137128	19.412	ug/l	99
20) Methylene Chloride	4.710	84	65422	21.208	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	52876	19.793	ug/l	96
22) Diisopropyl ether	6.112	45	165058	19.856	ug/l	98
23) Vinyl Acetate	6.058	43	465750	94.960	ug/l	100
24) 1,1-Dichloroethane	6.015	63	95670	19.961	ug/l	99
25) 2-Butanone	6.990	43	97667	90.107	ug/l	99
26) 2,2-Dichloropropane	6.978	77	91389	20.301	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	58828	19.685	ug/l	100
28) Bromochloromethane	7.326	49	39967	20.505	ug/l	94
29) Tetrahydrofuran	7.344	42	63470	92.345	ug/l	97
30) Chloroform	7.502	83	104138	20.480	ug/l	98
31) Cyclohexane	7.783	56	79248	20.251	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	96336	21.007	ug/l	99
36) 1,1-Dichloropropene	7.911	75	75906	21.864	ug/l	99
37) Ethyl Acetate	7.070	43	47249	19.725	ug/l	99
38) Carbon Tetrachloride	7.899	117	88678	22.135	ug/l	98
39) Methylcyclohexane	9.179	83	83176	21.594	ug/l	95
40) Benzene	8.155	78	216632	20.985	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24452	20.002	ug/l	91
42) 1,2-Dichloroethane	8.234	62	75937	20.801	ug/l	100
43) Isopropyl Acetate	8.265	43	85061	20.261	ug/l	98
44) Trichloroethene	8.935	130	58470	21.199	ug/l	100
45) 1,2-Dichloropropane	9.210	63	53793	20.515	ug/l	95
46) Dibromomethane	9.301	93	33191	20.564	ug/l	98
47) Bromodichloromethane	9.490	83	79501	21.036	ug/l	98
48) Methyl methacrylate	9.289	41	38728	19.778	ug/l	97
49) 1,4-Dioxane	9.319	88	8466	412.792	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	229732	100.719	ug/l	100
52) Toluene	10.240	92	135327	21.147	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	81593	20.509	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	87126	20.072	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	44483	20.778	ug/l	96
56) Ethyl methacrylate	10.508	69	58123	19.683	ug/l	97
57) 1,3-Dichloropropane	10.788	76	75485	20.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	75198	79.086	ug/l	96
59) 2-Hexanone	10.825	43	159541	96.843	ug/l	100
60) Dibromochloromethane	10.977	129	56677	20.684	ug/l	99
61) 1,2-Dibromoethane	11.081	107	42886	20.298	ug/l	100
64) Tetrachloroethene	10.715	164	53385	21.496	ug/l	98
65) Chlorobenzene	11.514	112	145513	20.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58061	21.085	ug/l	99
67) Ethyl Benzene	11.587	91	259772	21.198	ug/l	97
68) m/p-Xylenes	11.697	106	203191	43.107	ug/l	99
69) o-Xylene	12.026	106	92921	20.851	ug/l	98
70) Styrene	12.038	104	163833	21.540	ug/l	99
71) Bromoform	12.203	173	40059	21.242	ug/l #	98
73) Isopropylbenzene	12.325	105	252320	20.831	ug/l	100
74) N-amyl acetate	12.142	43	74024	19.285	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	53615	19.809	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	73247	35.161	ug/l #	100
77) Bromobenzene	12.605	156	64911	20.389	ug/l	95
78) n-propylbenzene	12.666	91	313486	21.189	ug/l	100
79) 2-Chlorotoluene	12.752	91	175935	20.667	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	214580	20.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	19127	19.847	ug/l	96
82) 4-Chlorotoluene	12.849	91	183237	20.312	ug/l	98
83) tert-Butylbenzene	13.069	119	178505	20.253	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	213468	20.792	ug/l	99
85) sec-Butylbenzene	13.251	105	271222	21.166	ug/l	99
86) p-Isopropyltoluene	13.367	119	227006	20.700	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	124565	20.493	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	125039	20.417	ug/l	98
89) n-Butylbenzene	13.690	91	209293	20.576	ug/l	98
90) Hexachloroethane	13.959	117	45847	20.980	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	113549	20.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10535	20.440	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	69316	20.043	ug/l	99
94) Hexachlorobutadiene	15.111	225	42670	21.371	ug/l	100
95) Naphthalene	15.233	128	131485	18.731	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60237	19.275	ug/l	95

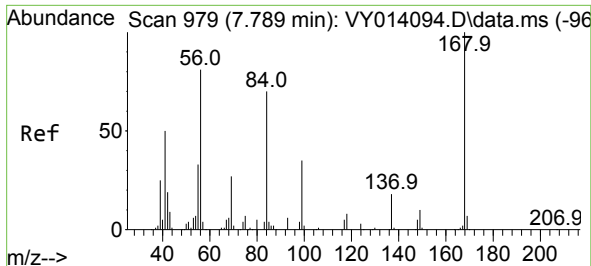
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
Data File : VY014113.D
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Operator : KP/MD
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Response via : Initial Calibration

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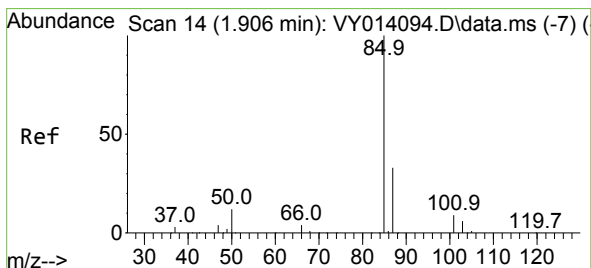
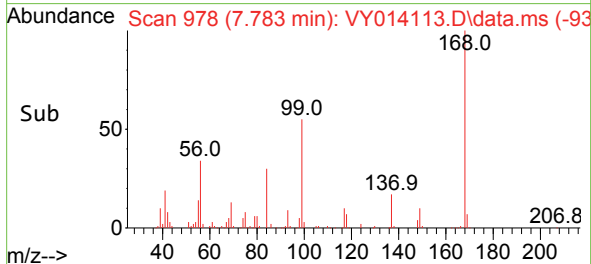
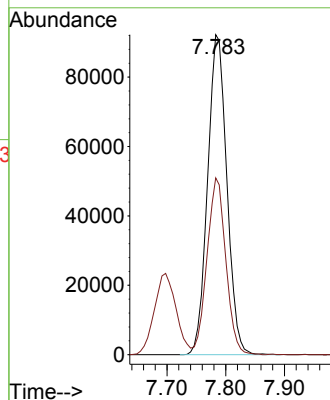
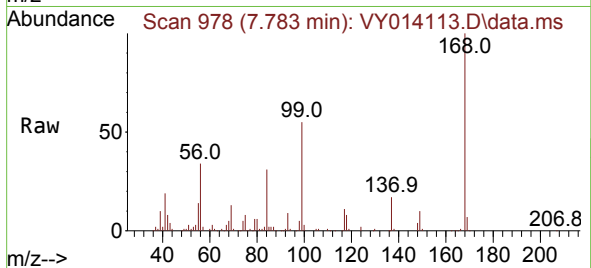
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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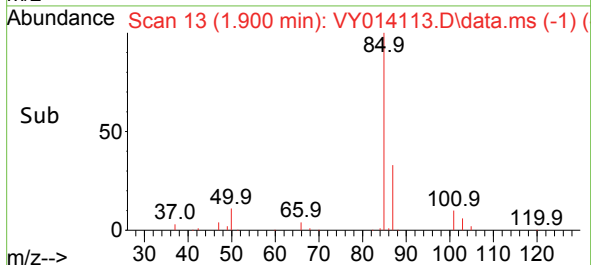
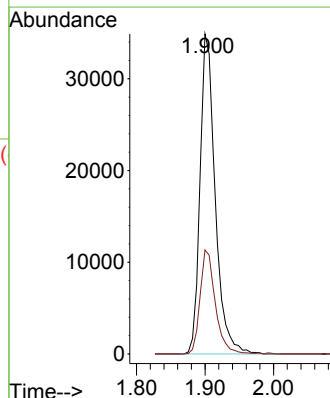
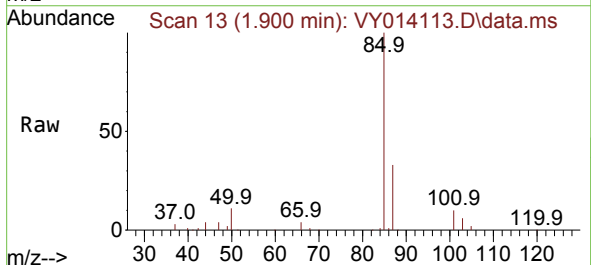
Instrument :
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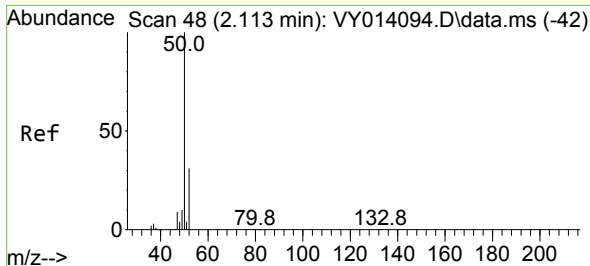
Tgt Ion:168 Resp: 209777
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.000 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 85 Resp: 53772
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8

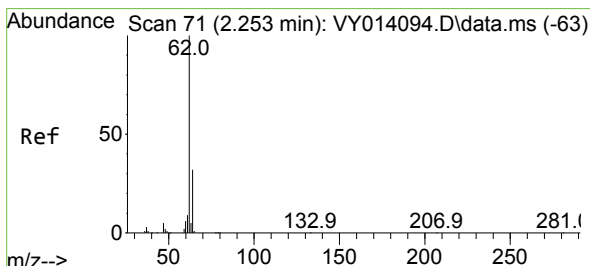
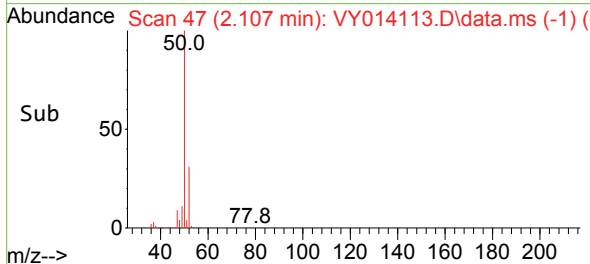
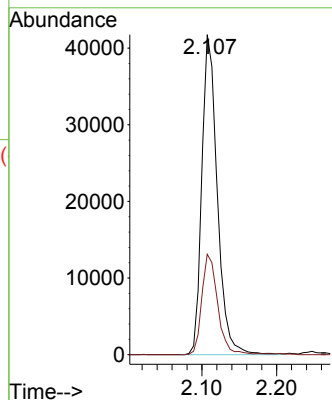
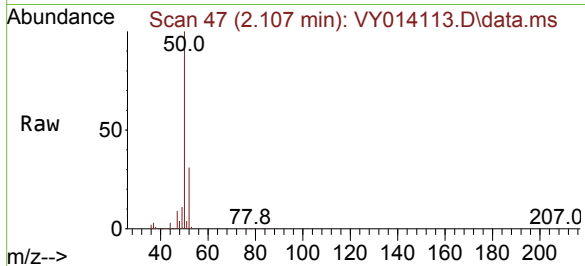




#3
Chloromethane
Concen: 20.226 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

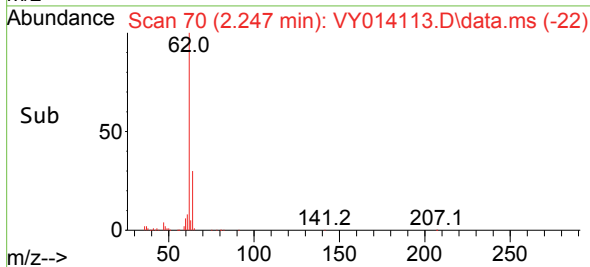
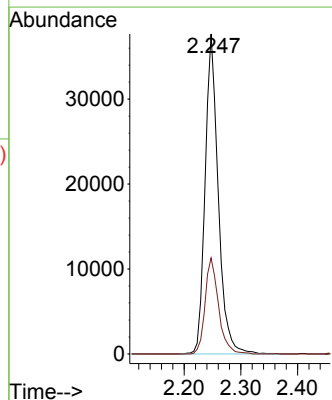
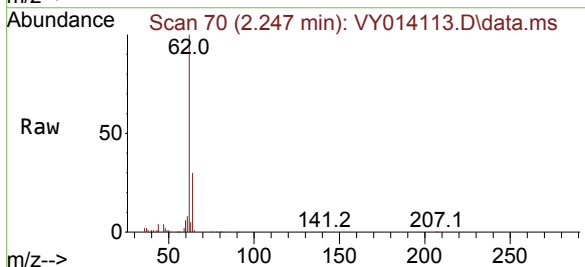
Instrument :
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ClientSampleId :
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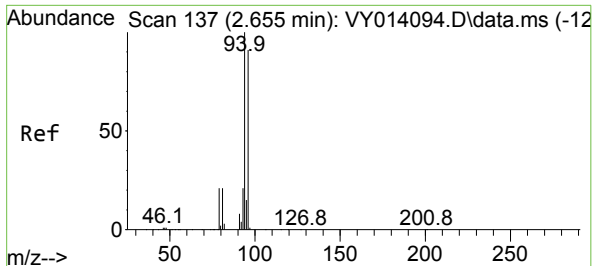
Tgt Ion: 50 Resp: 59959
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2



#4
Vinyl Chloride
Concen: 21.019 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 62 Resp: 60580
Ion Ratio Lower Upper
62 100
64 30.0 24.3 36.5

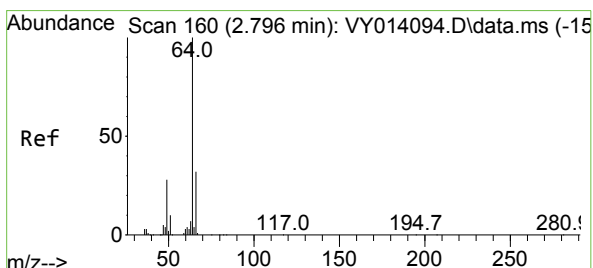
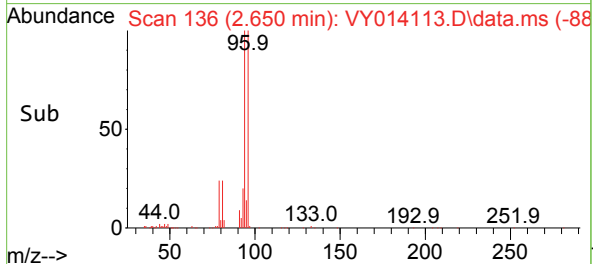
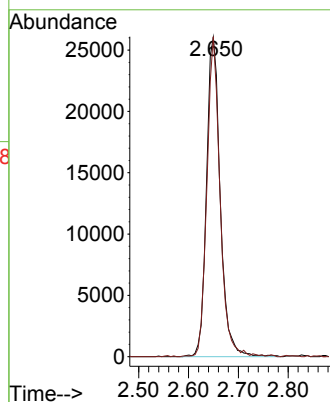
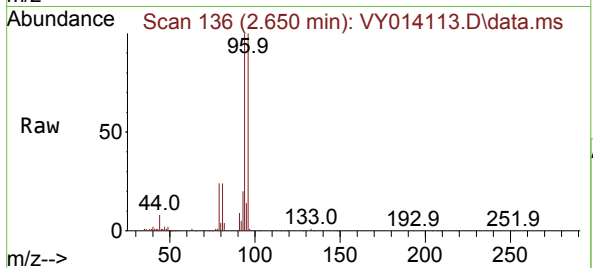




#5
Bromomethane
Concen: 20.990 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

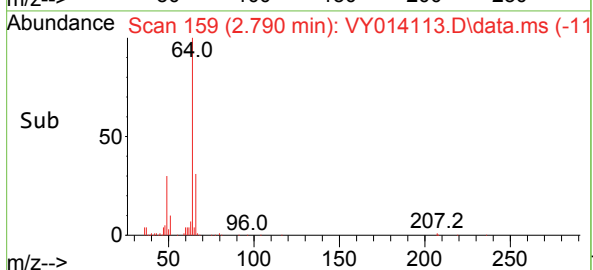
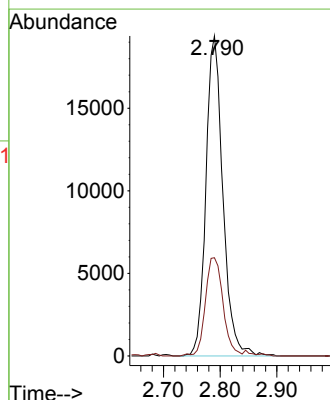
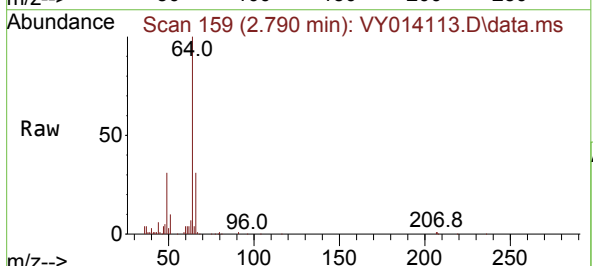
Instrument :
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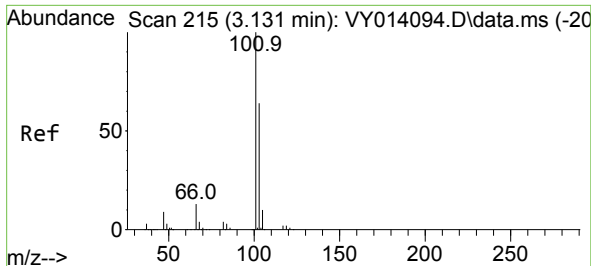
Tgt Ion: 94 Resp: 49915
Ion Ratio Lower Upper
94 100
96 100.2 75.8 113.6



#6
Chloroethane
Concen: 20.548 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 64 Resp: 40243
Ion Ratio Lower Upper
64 100
66 30.7 24.4 36.6

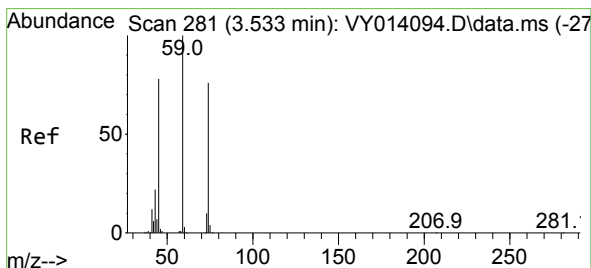
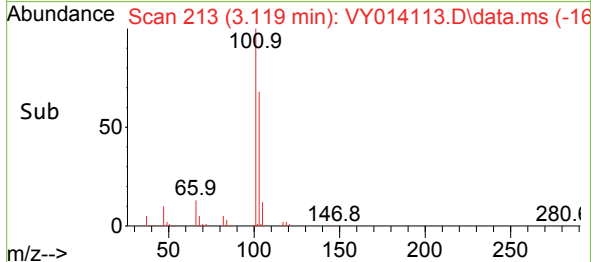
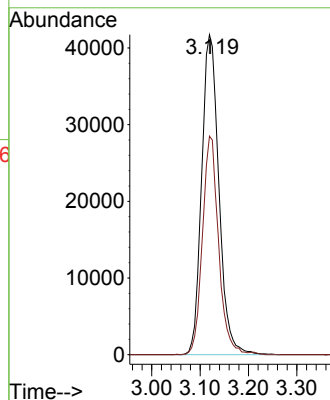
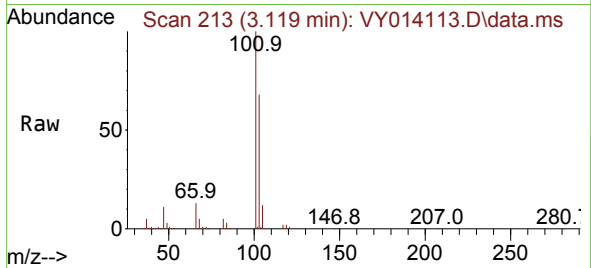




#7
 Trichlorofluoromethane
 Concen: 22.084 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014113.D
 Acq: 12 Jun 2023 12:24

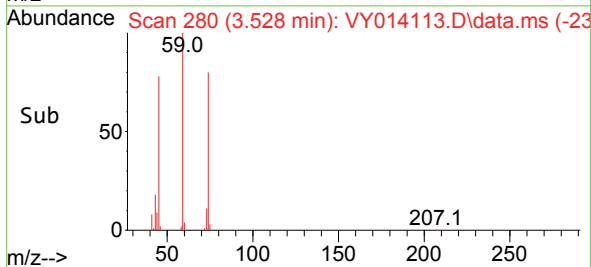
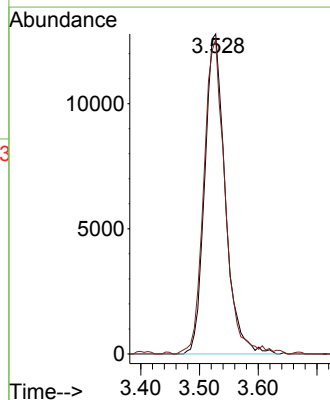
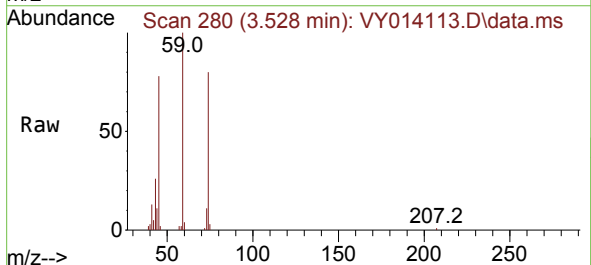
Instrument :
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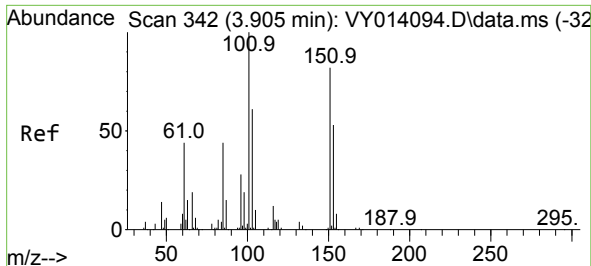
Tgt Ion:101 Resp: 103402
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.804 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.005 min
 Lab File: VY014113.D
 Acq: 12 Jun 2023 12:24

Tgt Ion: 74 Resp: 30962
 Ion Ratio Lower Upper
 74 100
 45 102.5 51.5 154.5

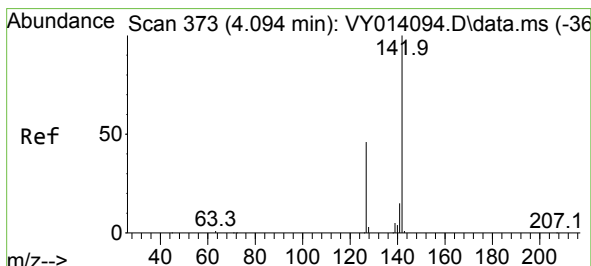
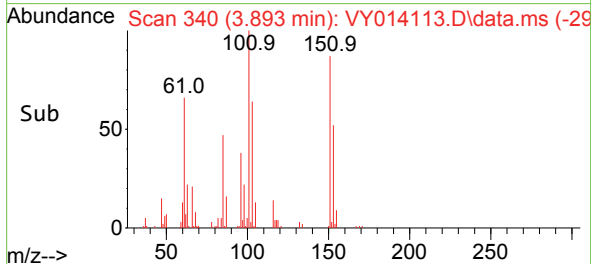
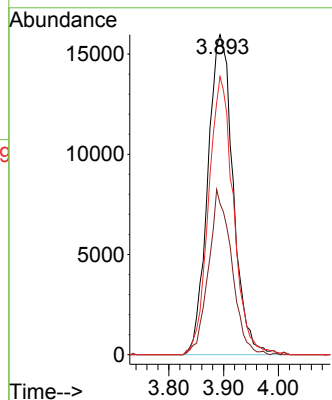
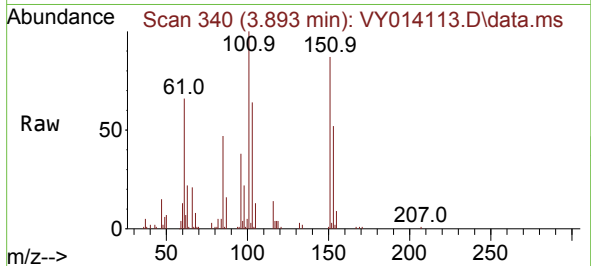




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.709 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY014113.D
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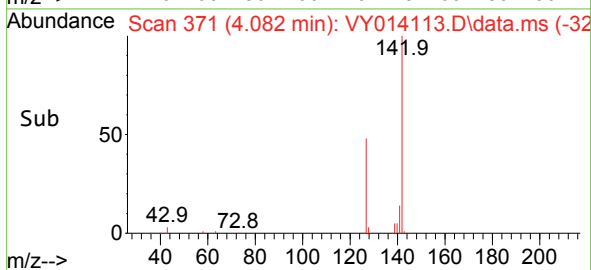
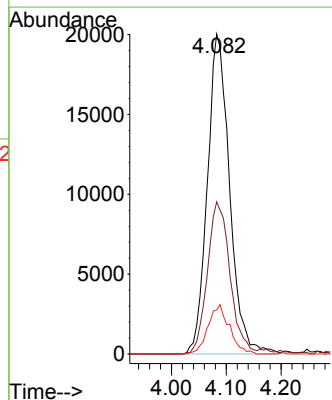
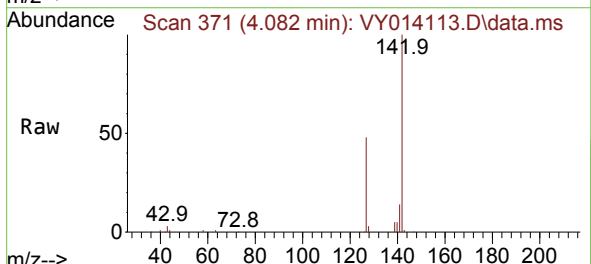
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

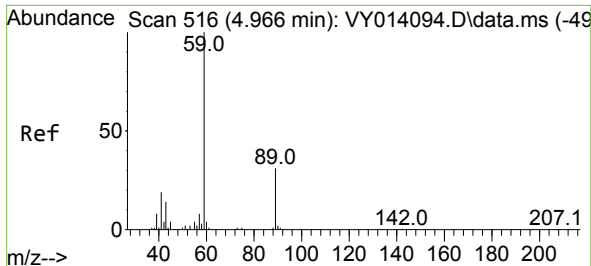
Tgt Ion:101 Resp: 51300
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 85.1 67.0 100.6



#10
Methyl Iodide
Concen: 18.089 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion:142 Resp: 56444
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 14.8 11.8 17.8

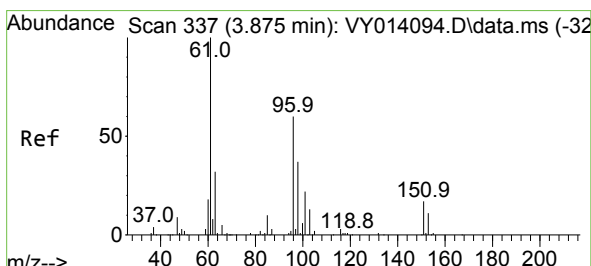
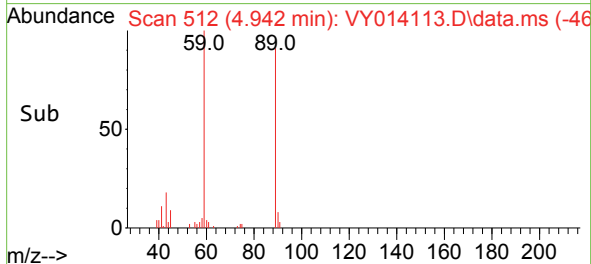
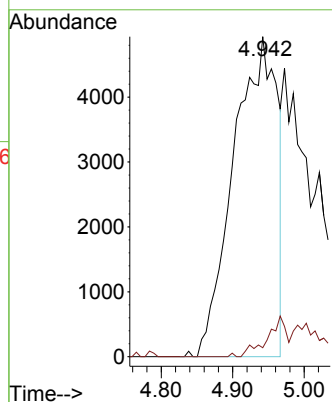
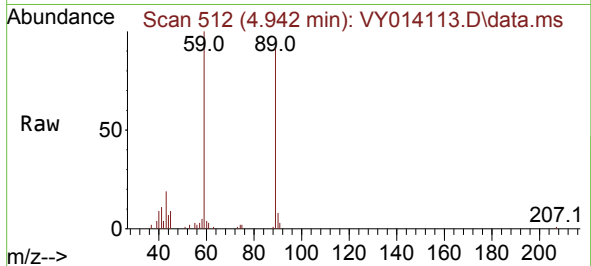




#11
Tert butyl alcohol
Concen: 44.607 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

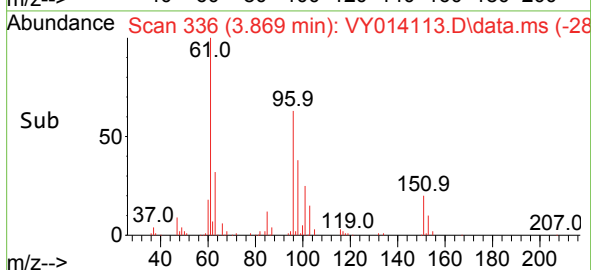
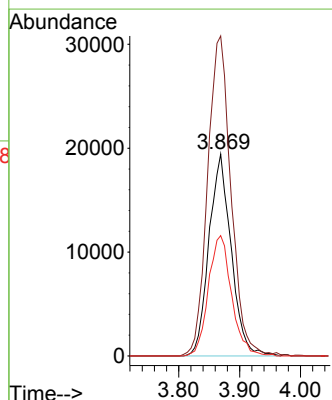
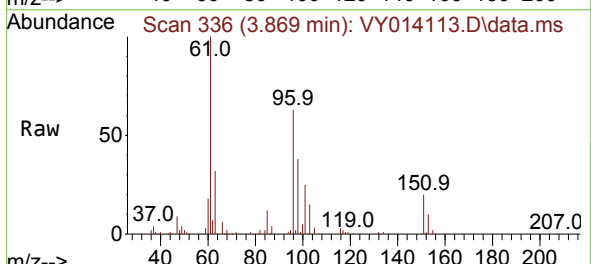
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

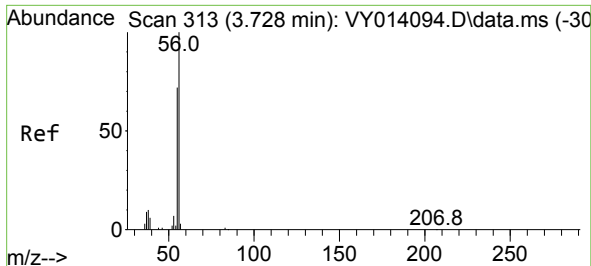
Tgt Ion: 59 Resp: 20778
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.572 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 96 Resp: 49274
Ion Ratio Lower Upper
96 100
61 158.5 136.4 204.6
98 59.6 49.4 74.2





#13

Acrolein

Concen: 130.865 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.005 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

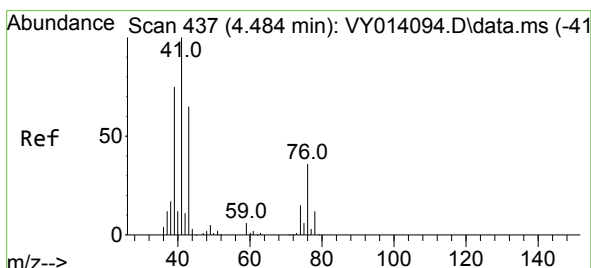
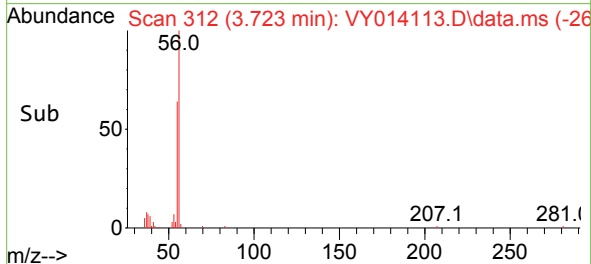
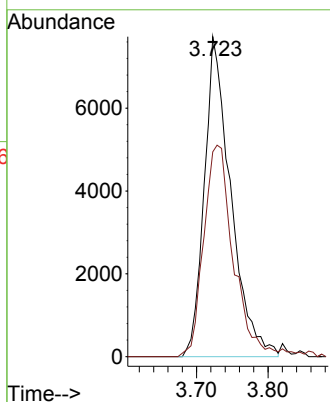
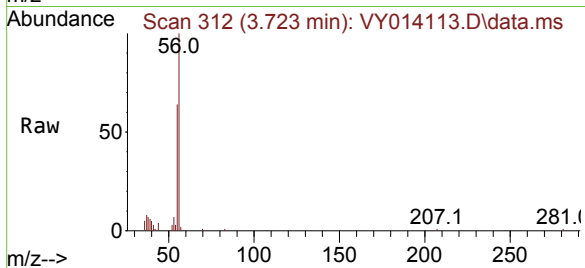
VY0612SBS01

Tgt Ion: 56 Resp: 19834

Ion Ratio Lower Upper

56 100

55 73.5 57.0 85.4



#14

Allyl chloride

Concen: 18.671 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.011 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

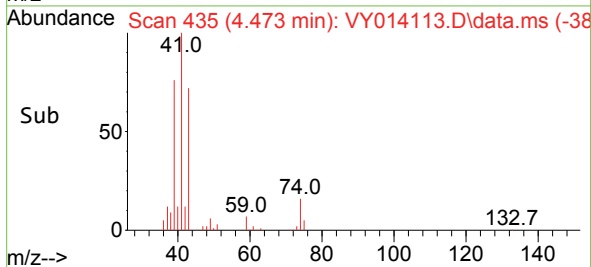
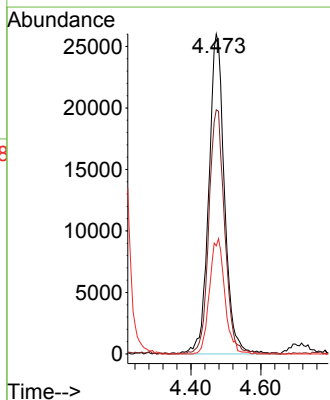
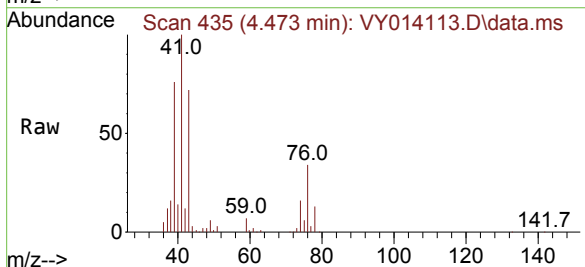
Tgt Ion: 41 Resp: 81064

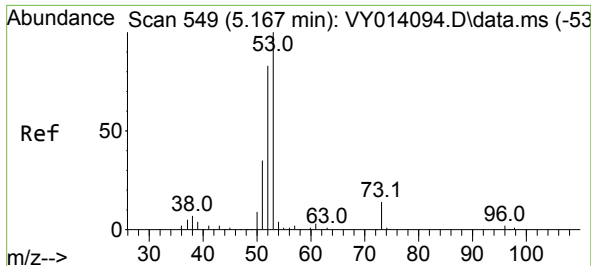
Ion Ratio Lower Upper

41 100

39 76.6 58.0 87.0

76 35.2 27.4 41.2

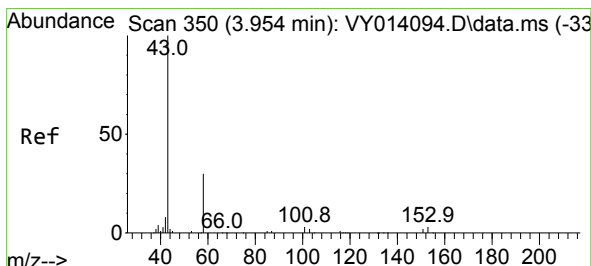
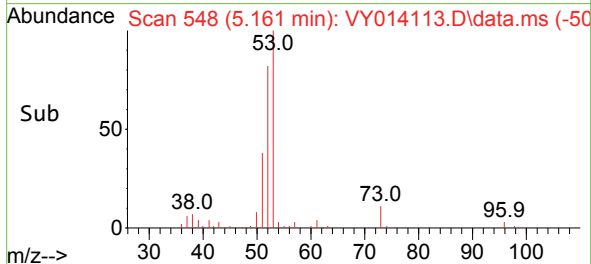
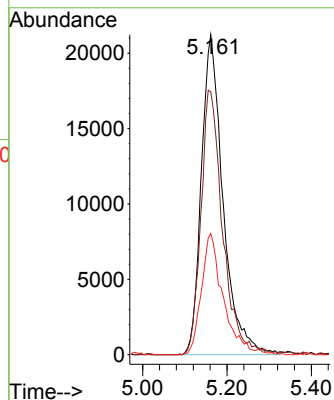
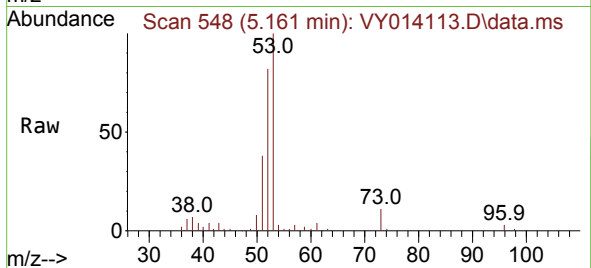




#15
Acrylonitrile
Concen: 94.282 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

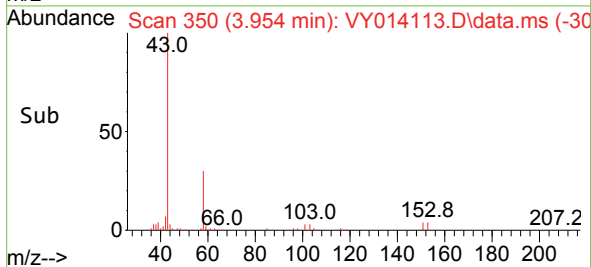
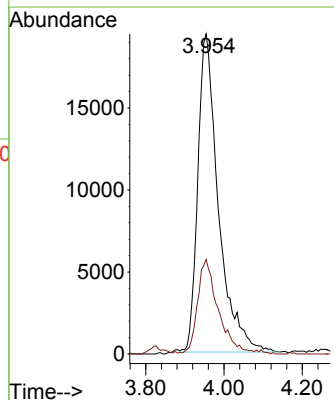
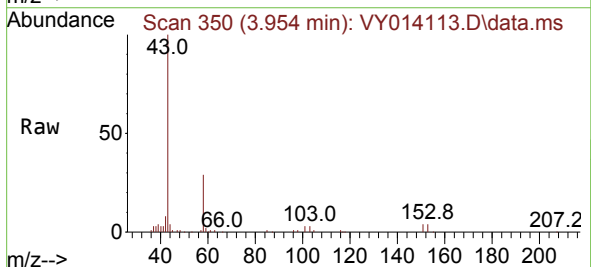
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

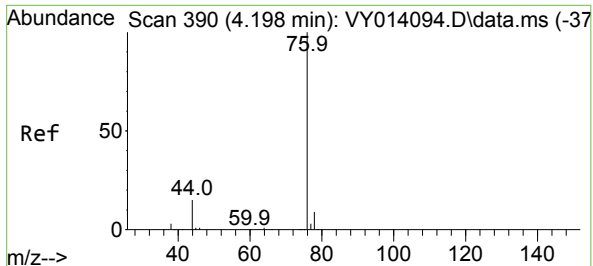
Tgt Ion: 53	Resp: 76032
Ion Ratio	Lower Upper
53 100	
52 82.6	66.9 100.3
51 37.5	29.8 44.6



#16
Acetone
Concen: 80.683 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 43	Resp: 71044
Ion Ratio	Lower Upper
43 100	
58 29.7	22.7 34.1

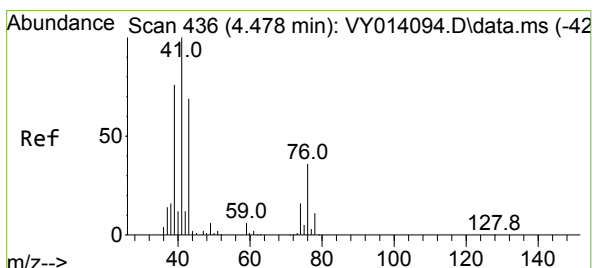
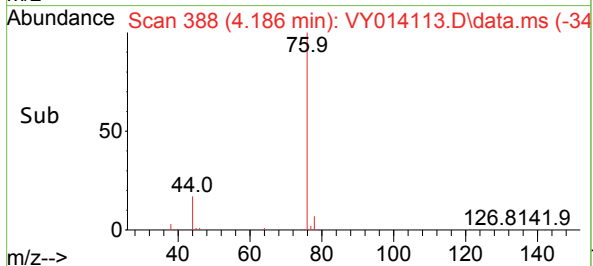
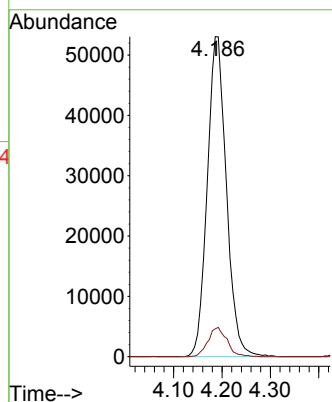
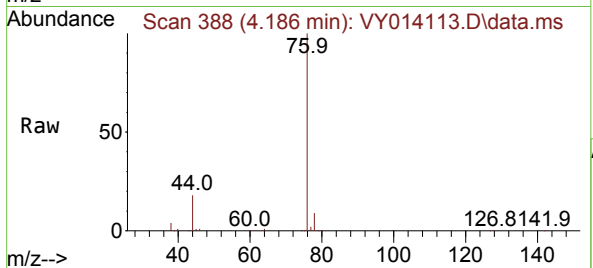




#17
Carbon Disulfide
Concen: 18.799 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

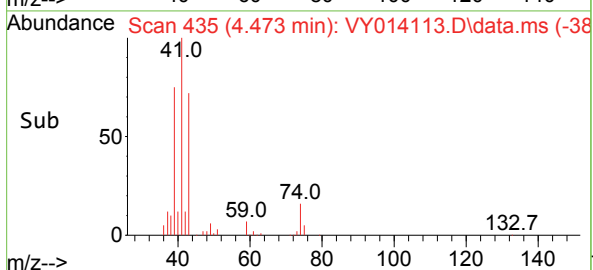
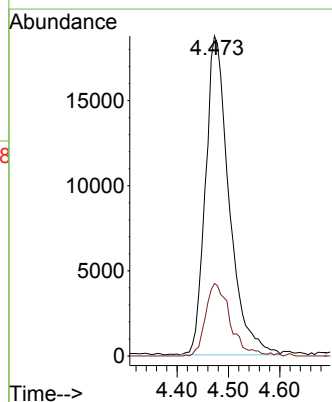
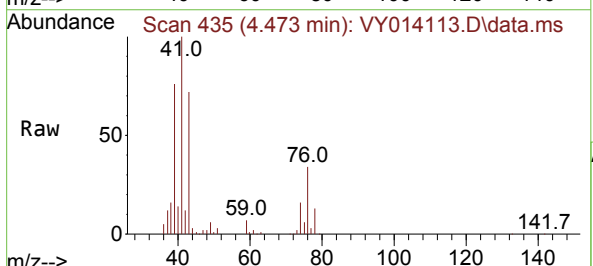
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

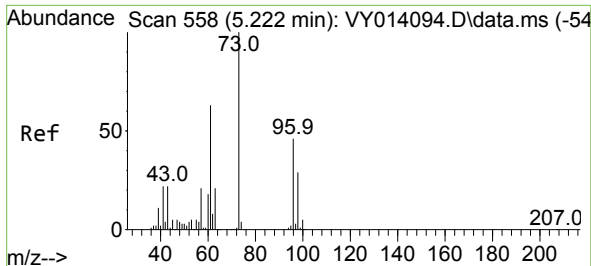
Tgt Ion: 76 Resp: 145906
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 17.514 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 43 Resp: 59858
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0

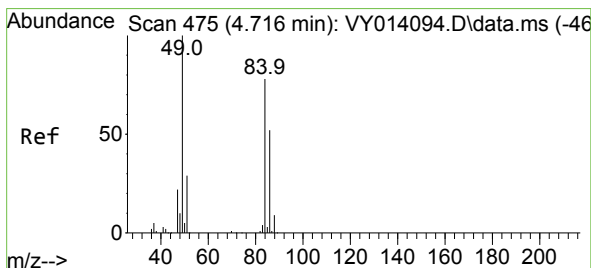
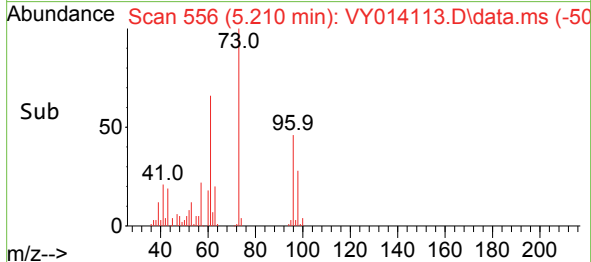
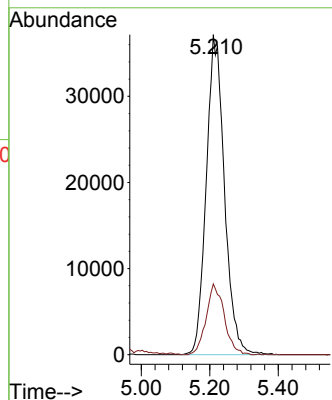
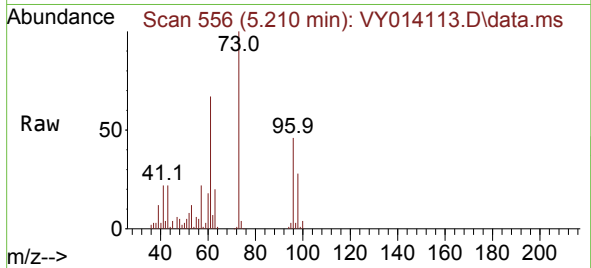




#19
Methyl tert-butyl Ether
Concen: 19.412 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

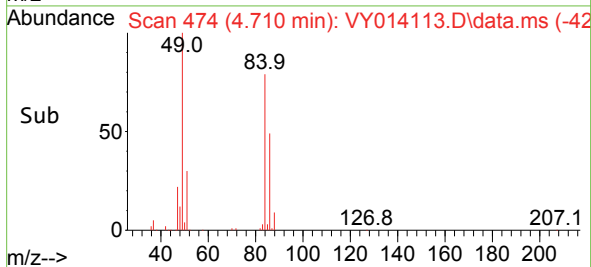
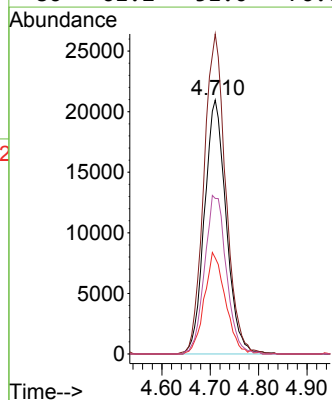
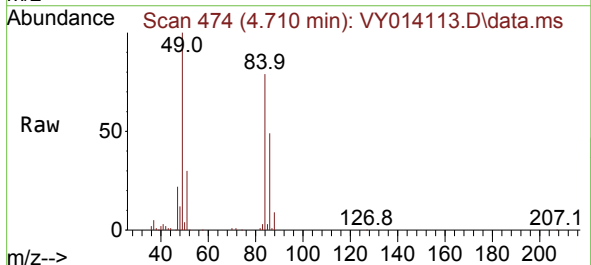
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

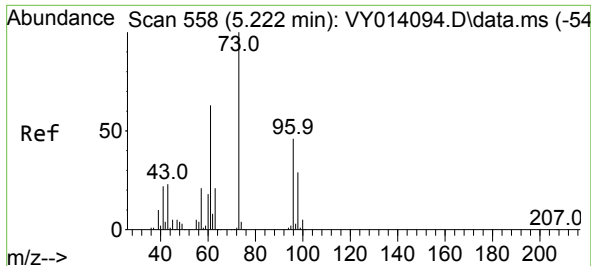
Tgt Ion: 73 Resp: 137128
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 21.208 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 84 Resp: 65422
Ion Ratio Lower Upper
84 100
49 126.0 106.9 160.3
51 37.8 33.2 49.8
86 61.2 51.0 76.6

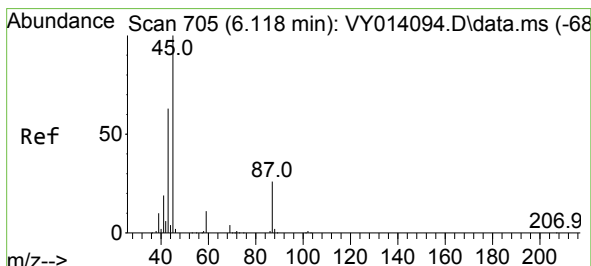
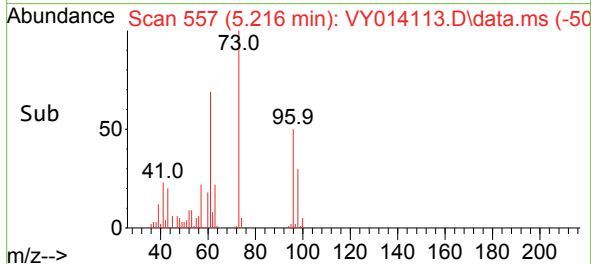
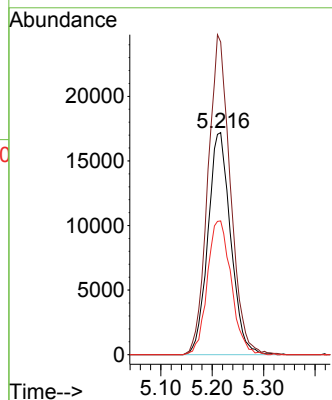
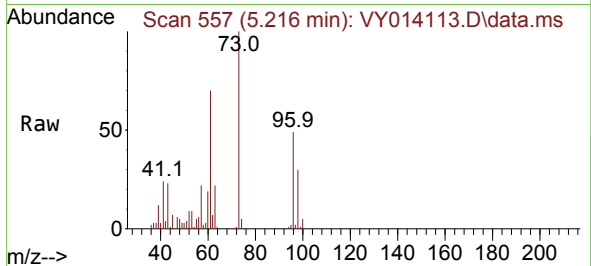




#21
trans-1,2-Dichloroethene
Concen: 19.793 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

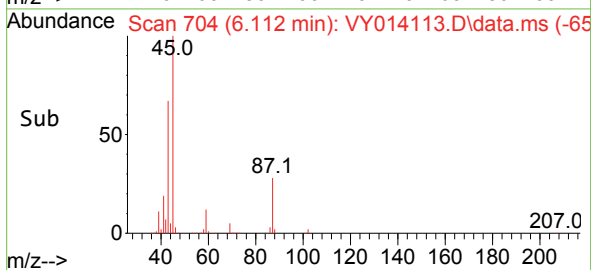
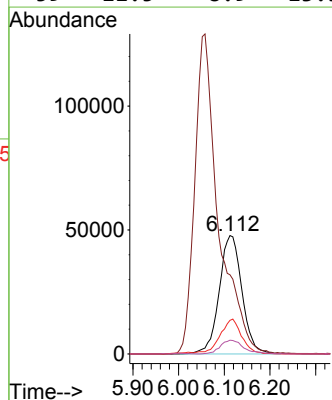
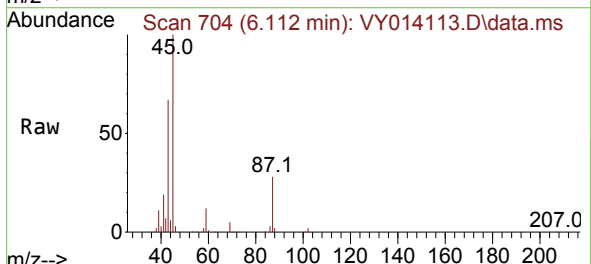
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

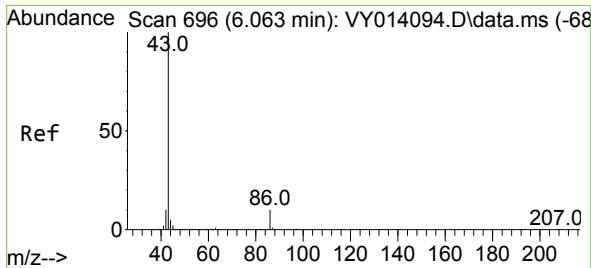
Tgt Ion: 96 Resp: 52876
Ion Ratio Lower Upper
96 100
61 140.8 110.2 165.4
98 60.2 51.8 77.6



#22
Diisopropyl ether
Concen: 19.856 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 45 Resp: 165058
Ion Ratio Lower Upper
45 100
43 66.1 52.2 78.4
87 28.3 21.0 31.6
59 11.5 8.9 13.3

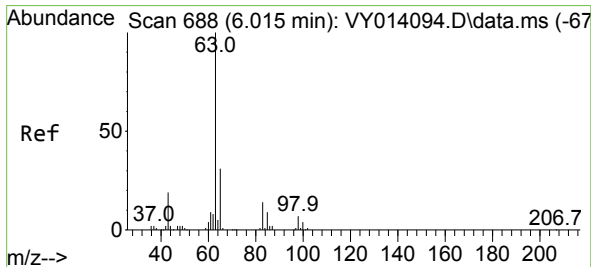
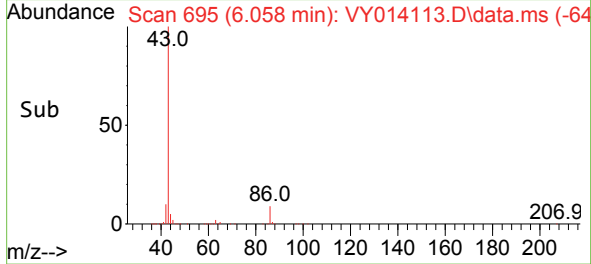
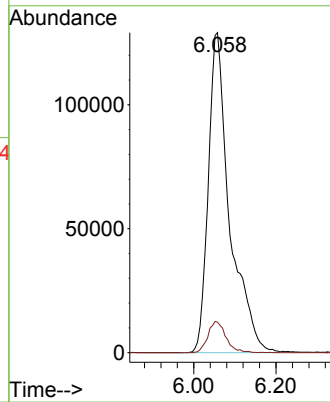
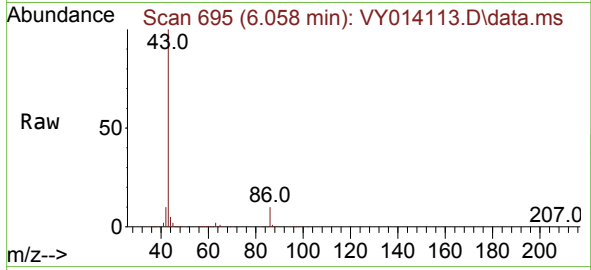




#23
 Vinyl Acetate
 Concen: 94.960 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014113.D
 Acq: 12 Jun 2023 12:24

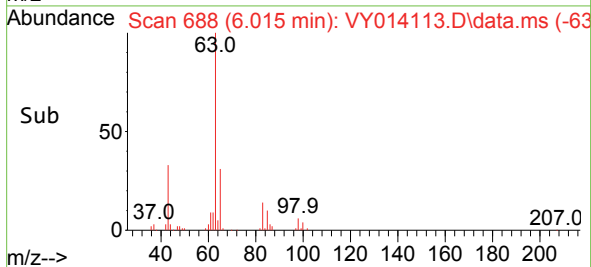
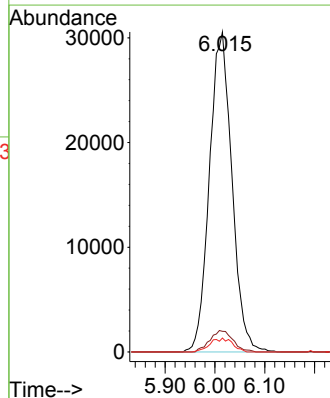
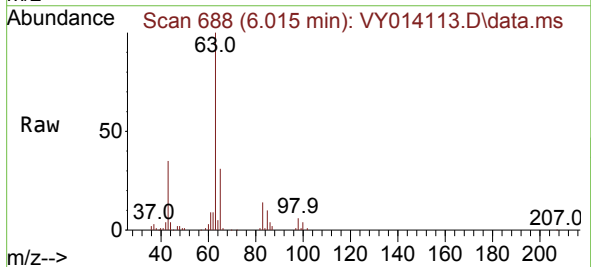
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBSD01

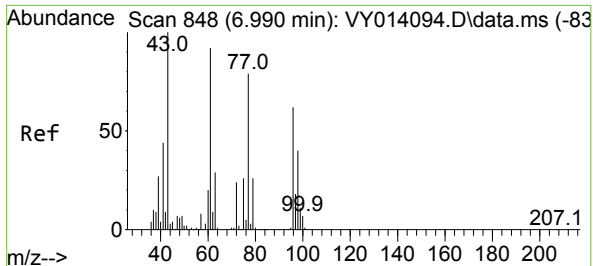
Tgt Ion: 43 Resp: 465750
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.961 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014113.D
 Acq: 12 Jun 2023 12:24

Tgt Ion: 63 Resp: 95670
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 90.107 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

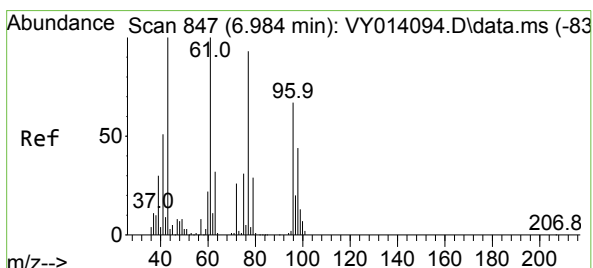
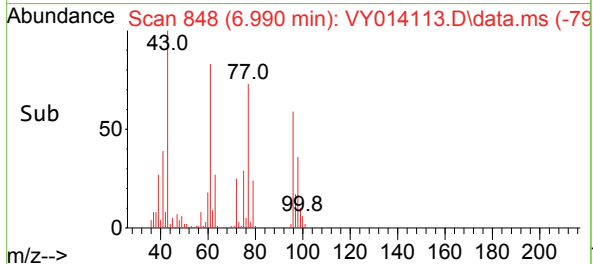
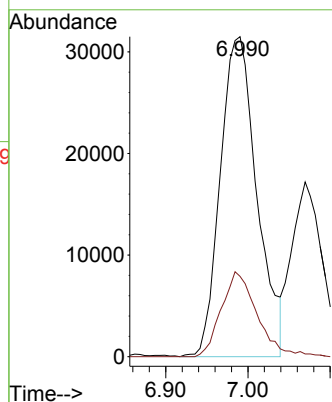
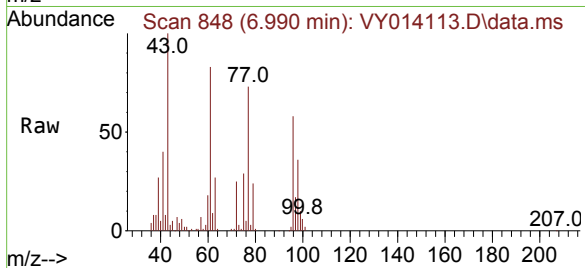
VY0612SBSD01

Tgt Ion: 43 Resp: 97667

Ion Ratio Lower Upper

43 100

72 25.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.301 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014113.D

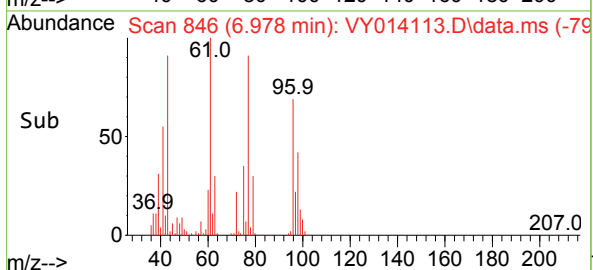
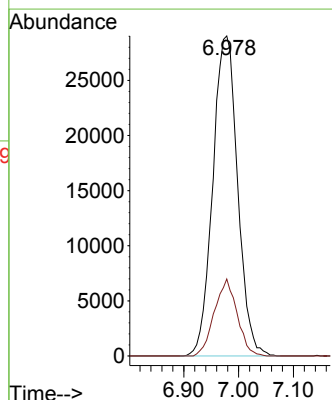
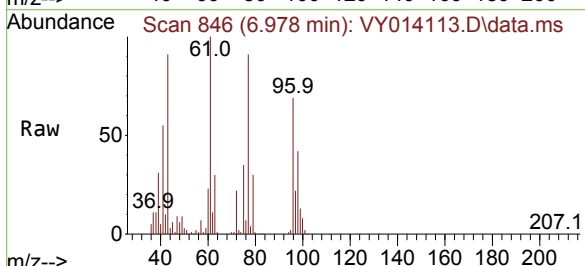
Acq: 12 Jun 2023 12:24

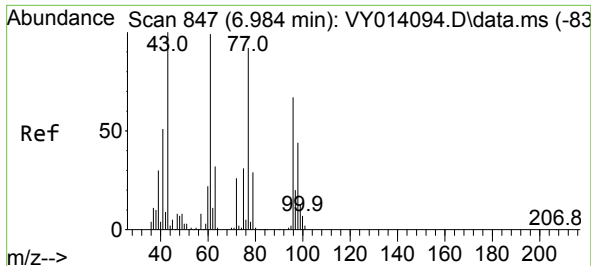
Tgt Ion: 77 Resp: 91389

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.685 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

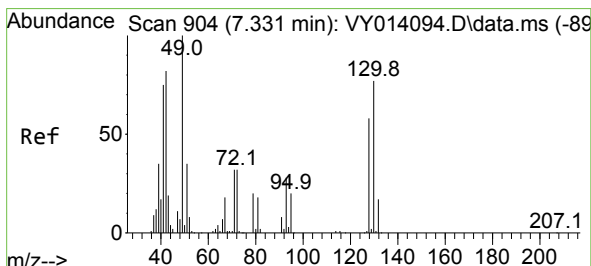
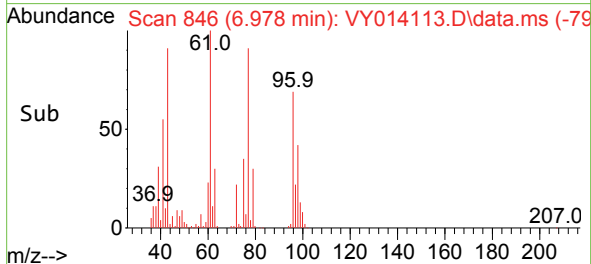
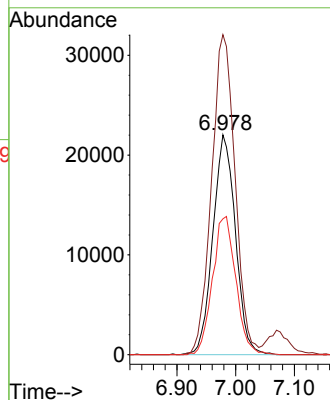
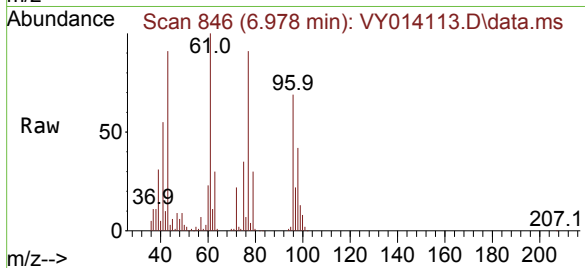
Tgt Ion: 96 Resp: 58828

Ion Ratio Lower Upper

96 100

61 151.4 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.505 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

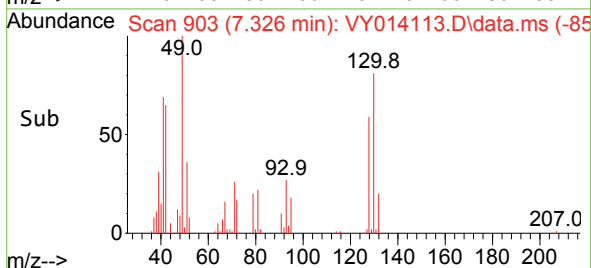
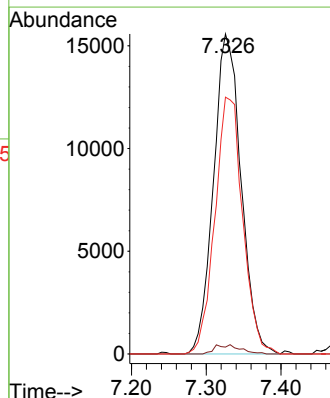
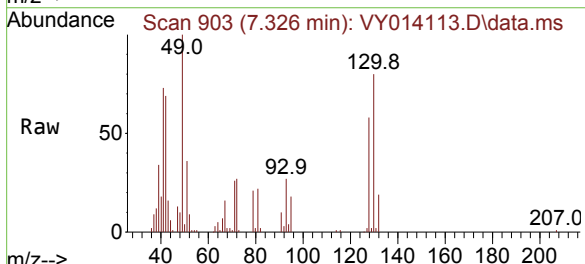
Tgt Ion: 49 Resp: 39967

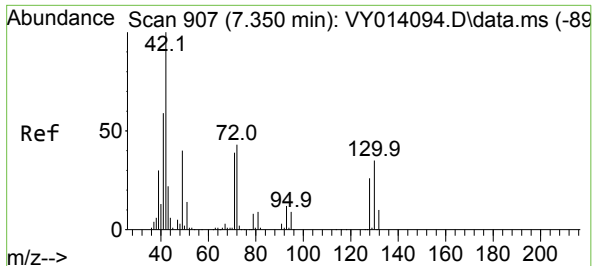
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 80.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 92.345 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

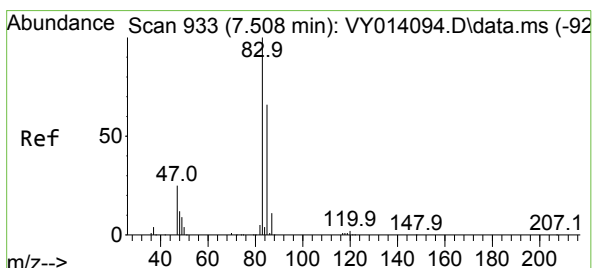
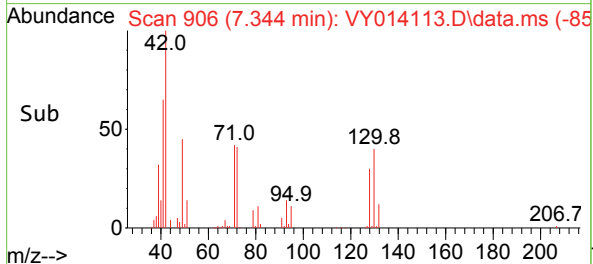
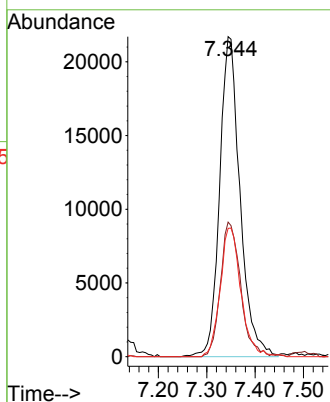
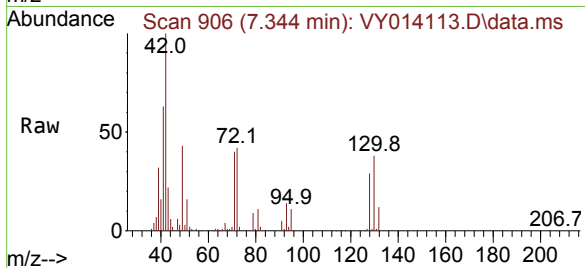
Tgt Ion: 42 Resp: 63470

Ion Ratio Lower Upper

42 100

72 41.9 32.8 49.2

71 41.1 31.0 46.4



#30

Chloroform

Concen: 20.480 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014113.D

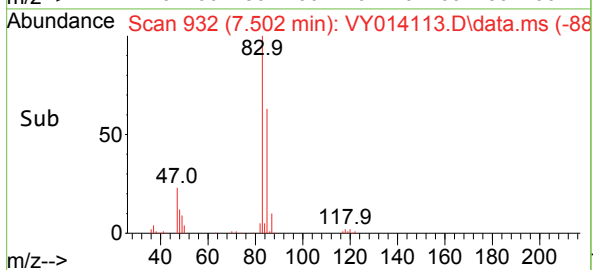
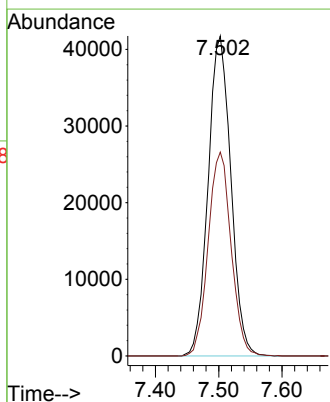
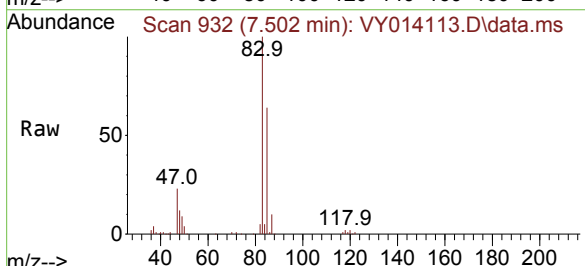
Acq: 12 Jun 2023 12:24

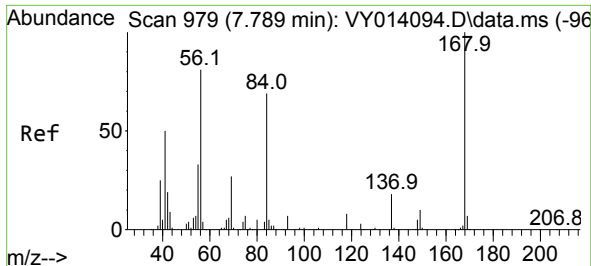
Tgt Ion: 83 Resp: 104138

Ion Ratio Lower Upper

83 100

85 63.7 49.7 74.5

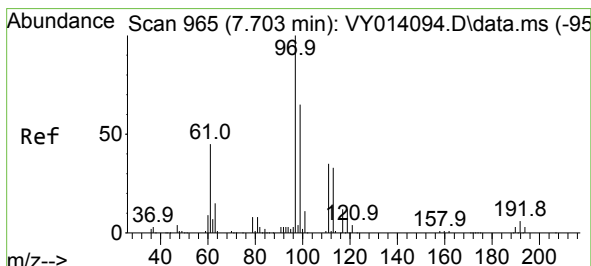
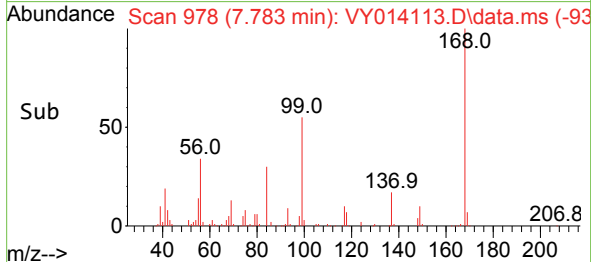
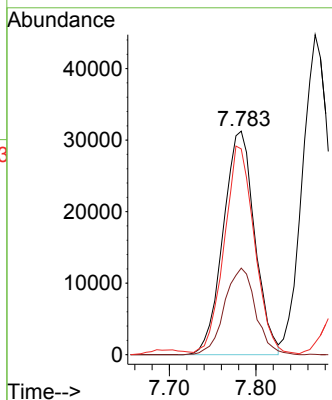
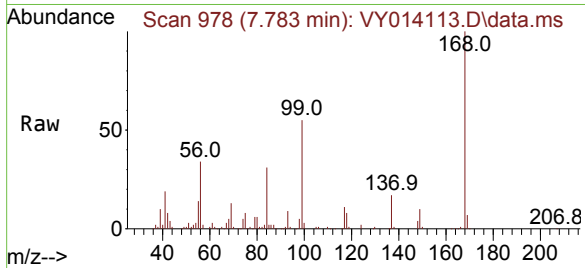




#31
Cyclohexane
Concen: 20.251 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

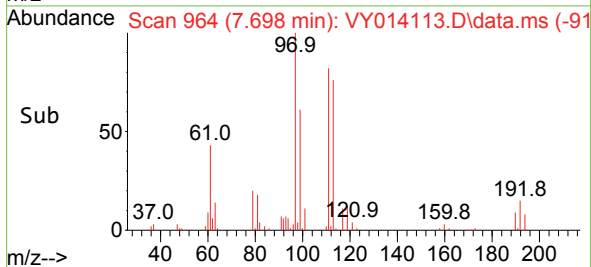
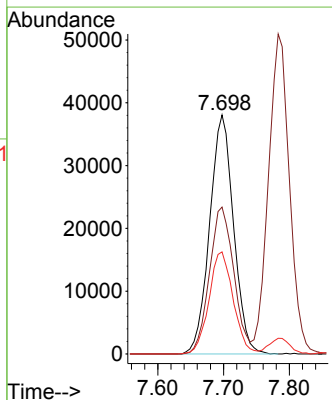
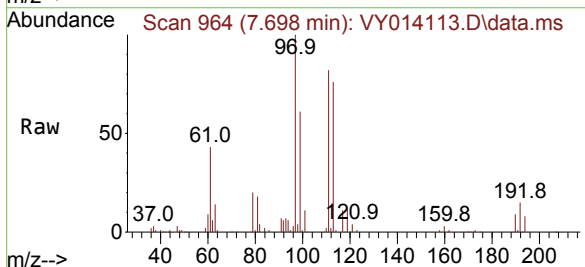
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

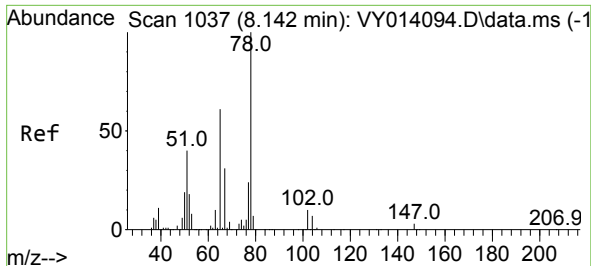
Tgt Ion: 56 Resp: 79248
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 90.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.007 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 97 Resp: 96336
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.631 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

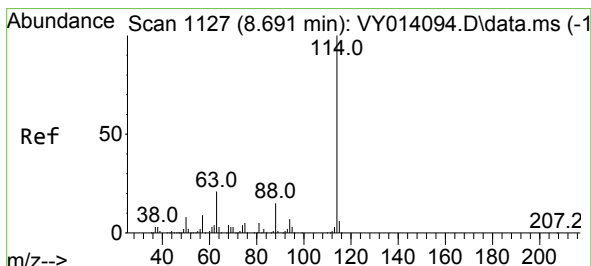
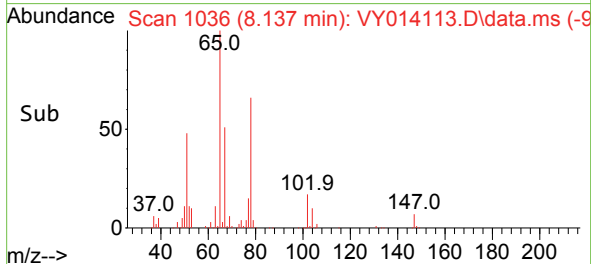
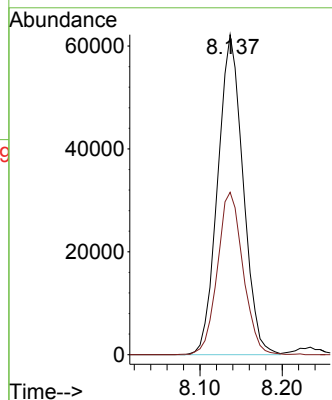
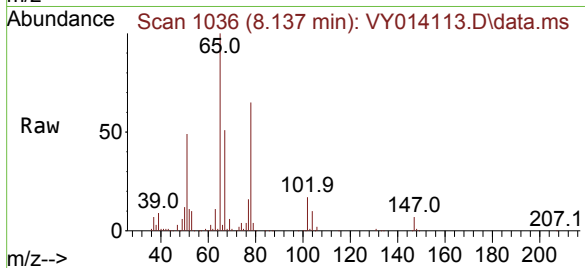
VY0612SBS01

Tgt Ion: 65 Resp: 133297

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

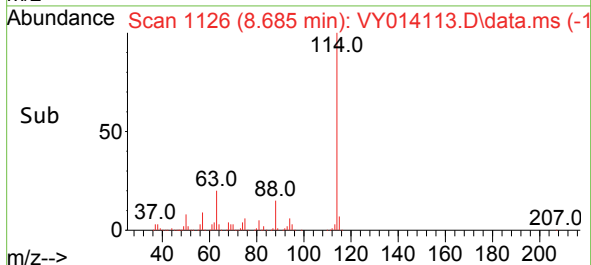
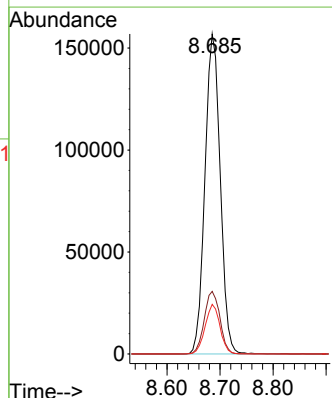
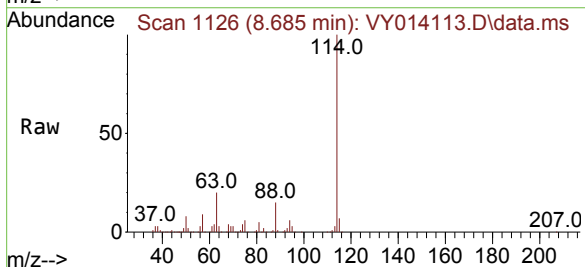
Tgt Ion: 114 Resp: 314002

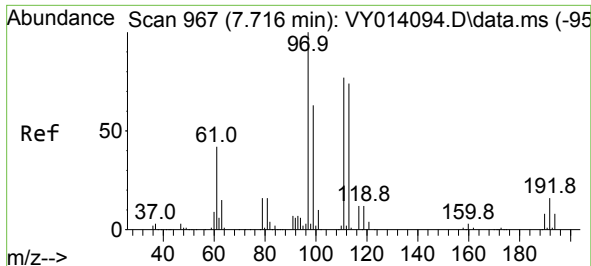
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.5 0.0 30.6

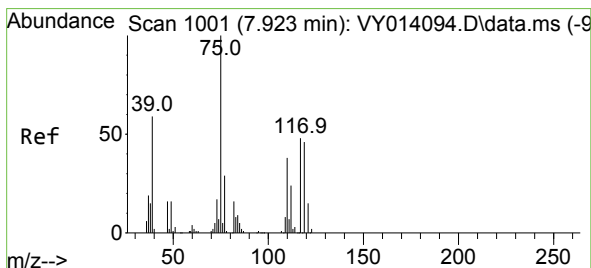
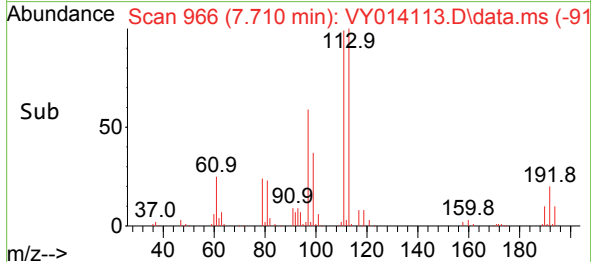
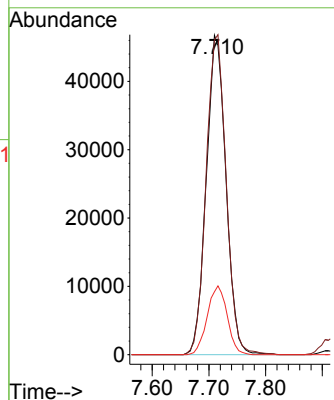
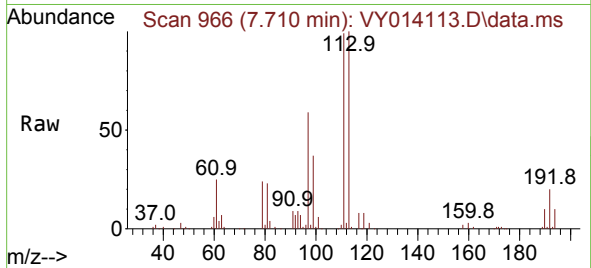




#35
Dibromofluoromethane
Concen: 50.693 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

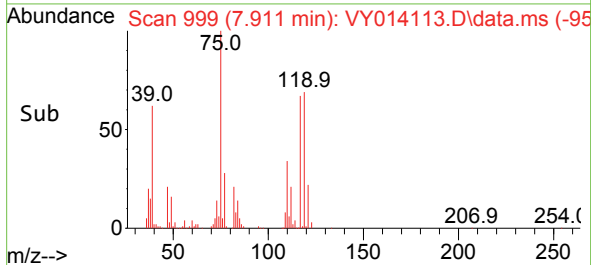
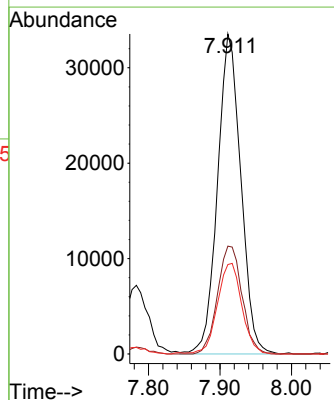
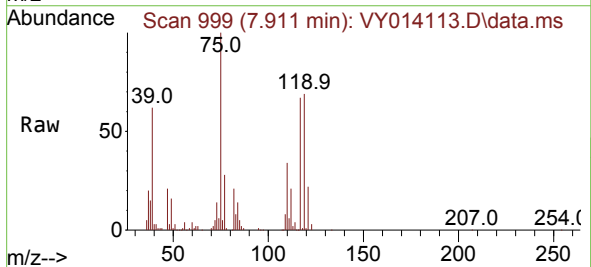
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

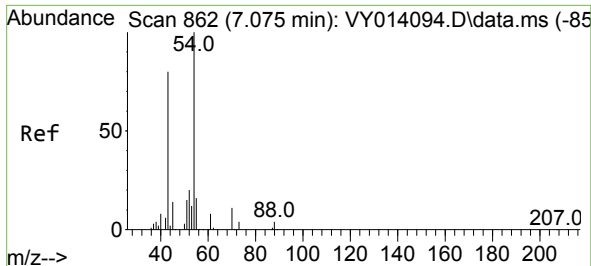
Tgt Ion:113 Resp: 112884
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.864 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 75 Resp: 75906
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.5
77 29.6 24.4 36.6





#37

Ethyl Acetate

Concen: 19.725 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.005 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

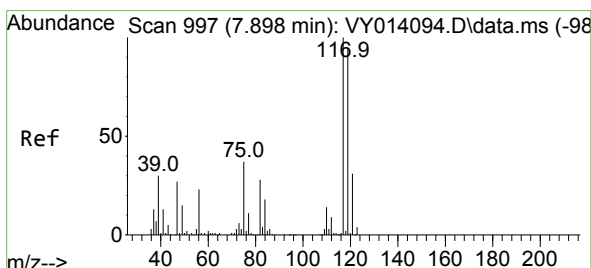
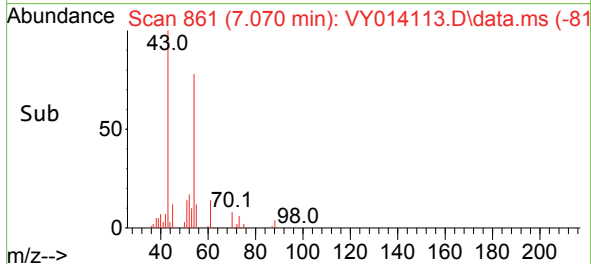
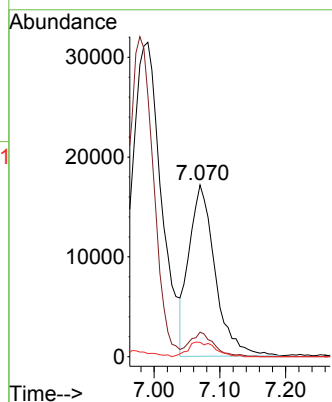
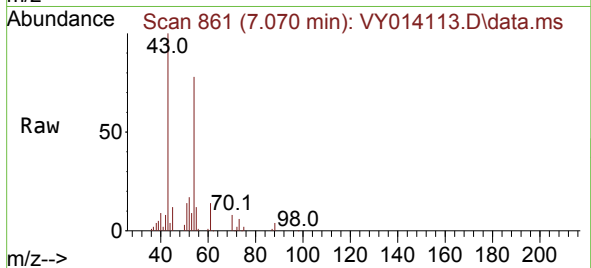
Tgt Ion: 43 Resp: 47249

Ion Ratio Lower Upper

43 100

61 13.3 10.1 15.1

70 8.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 22.135 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

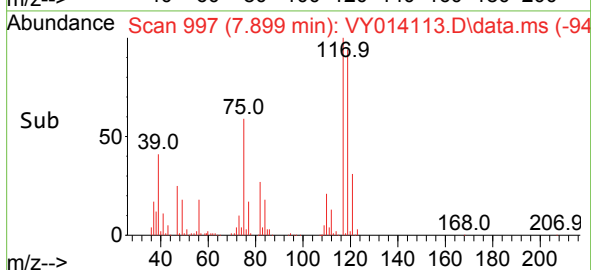
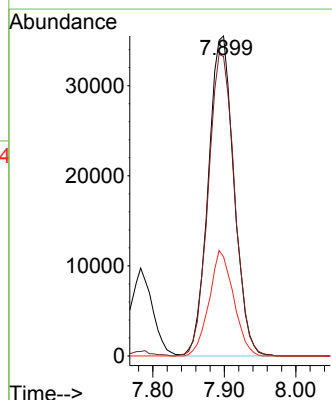
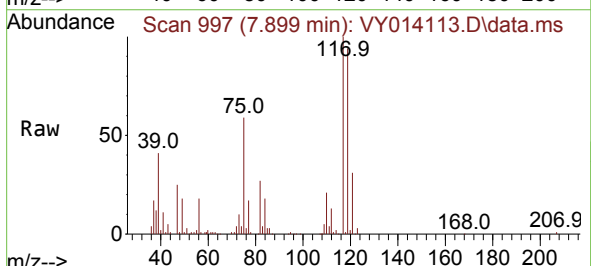
Tgt Ion: 117 Resp: 88678

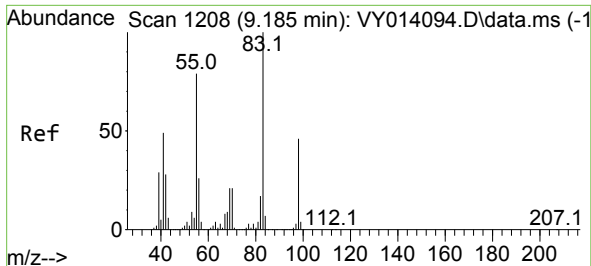
Ion Ratio Lower Upper

117 100

119 93.5 76.4 114.6

121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 21.594 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

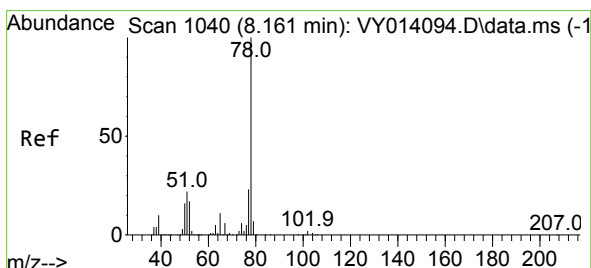
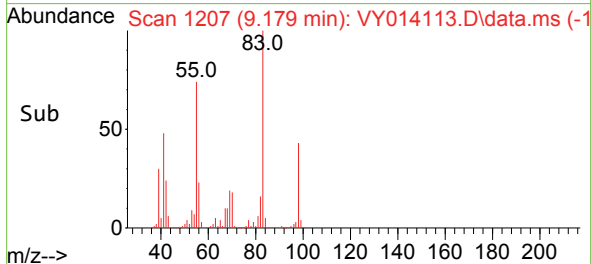
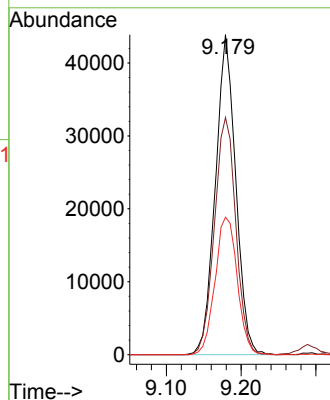
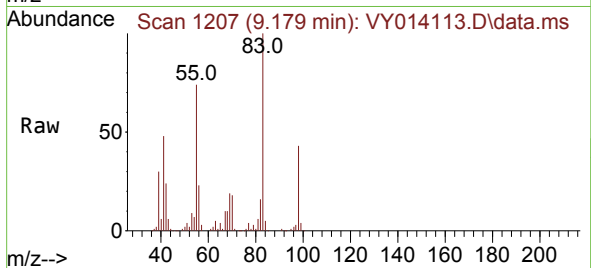
Tgt Ion: 83 Resp: 83176

Ion Ratio Lower Upper

83 100

55 74.1 63.0 94.4

98 43.0 37.4 56.2



#40

Benzene

Concen: 20.985 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014113.D

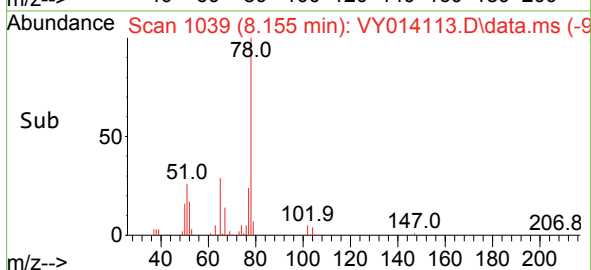
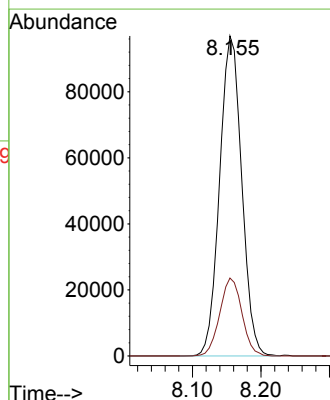
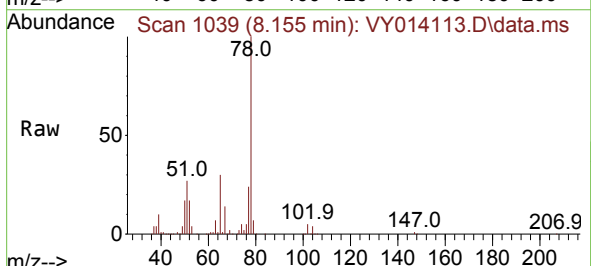
Acq: 12 Jun 2023 12:24

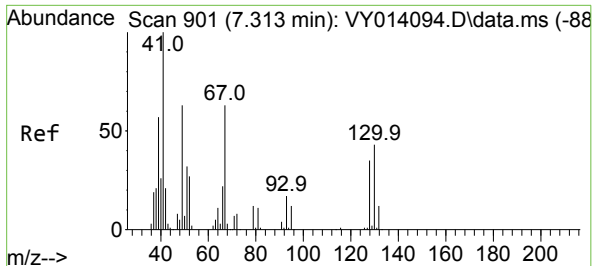
Tgt Ion: 78 Resp: 216632

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

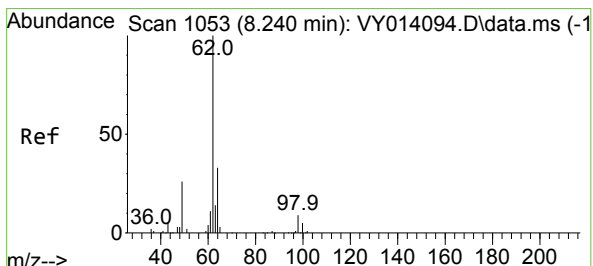
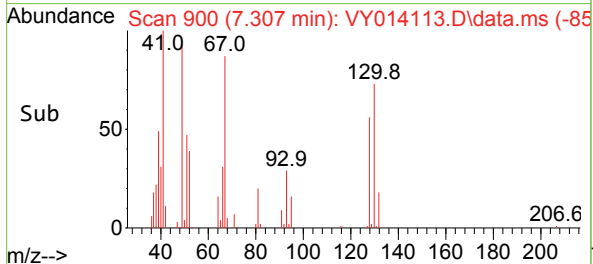
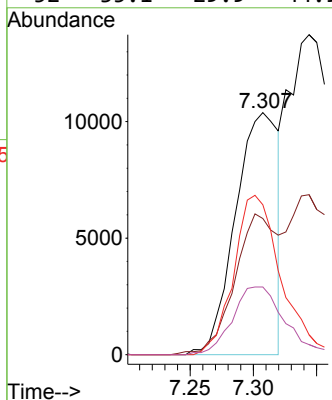
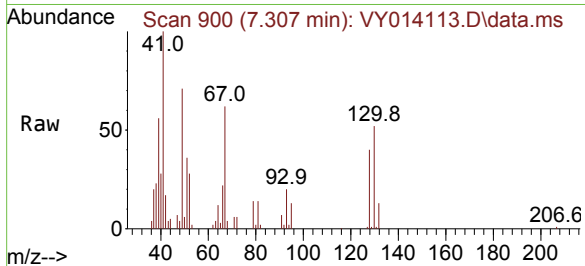




#41
Methacrylonitrile
Concen: 20.002 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

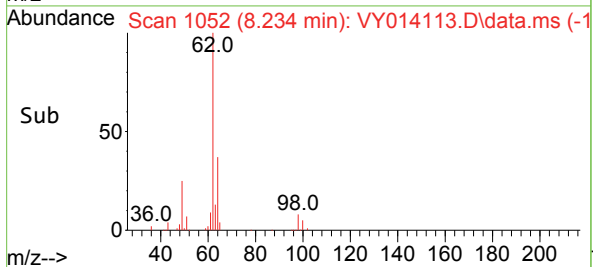
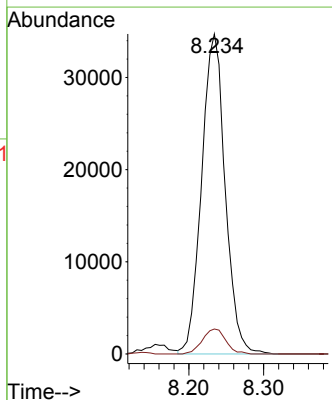
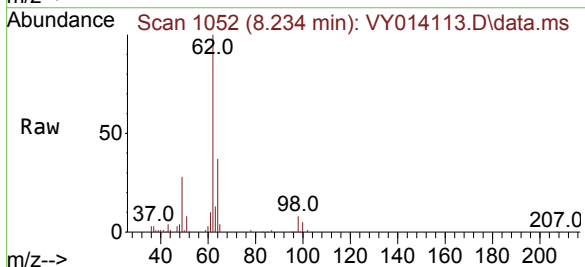
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

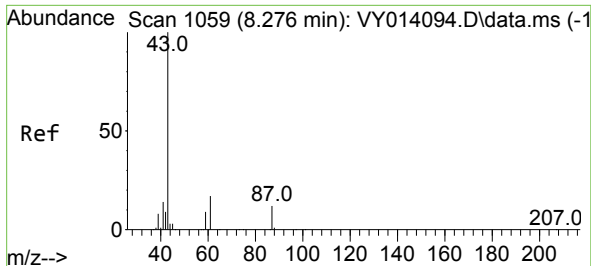
Tgt Ion:	41	Resp:	24452
Ion Ratio	Lower	Upper	
41	100		
39	57.0	52.1	78.1
67	73.6	66.2	99.2
52	35.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.801 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion:	62	Resp:	75937
Ion Ratio	Lower	Upper	
62	100		
98	7.8	0.0	15.8

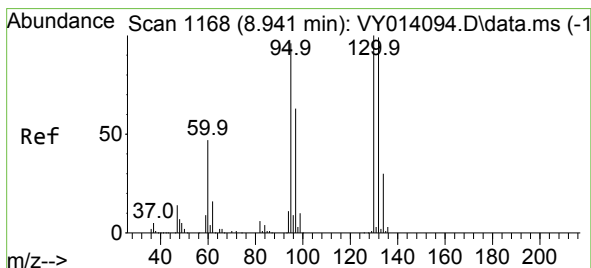
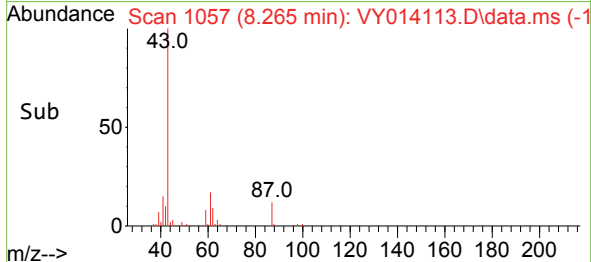
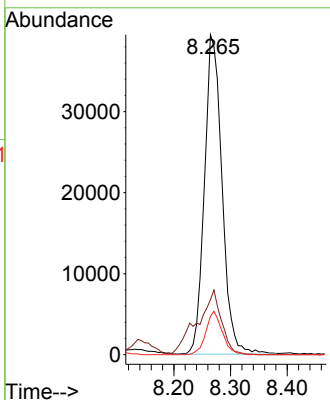
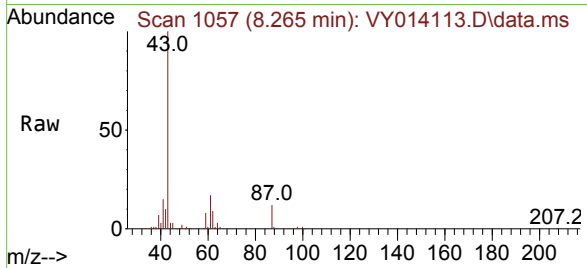




#43
Isopropyl Acetate
Concen: 20.261 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.011 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

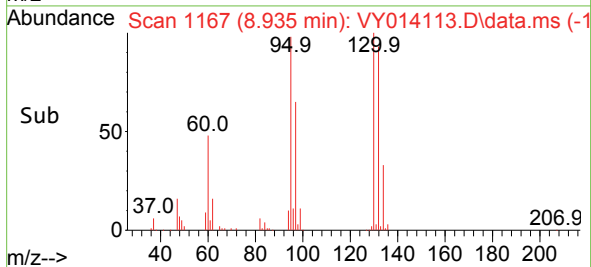
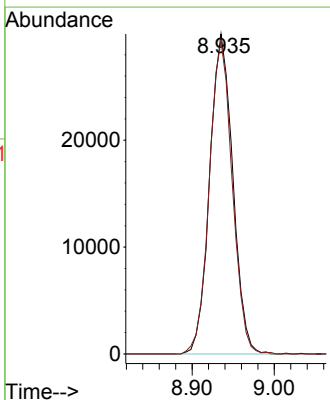
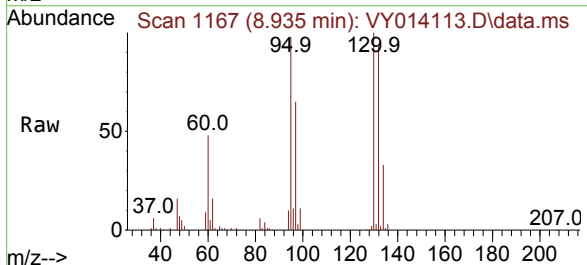
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

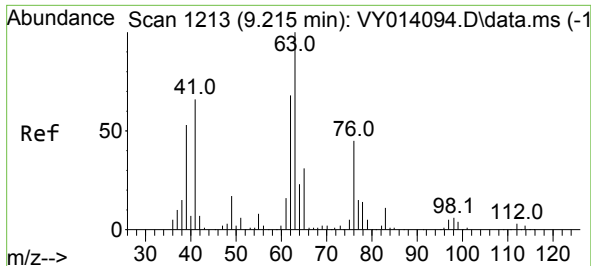
Tgt Ion: 43 Resp: 85061
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 12.7 9.8 14.8



#44
Trichloroethene
Concen: 21.199 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion:130 Resp: 58470
Ion Ratio Lower Upper
130 100
95 97.7 0.0 196.0

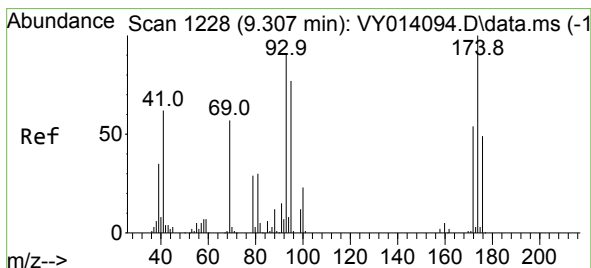
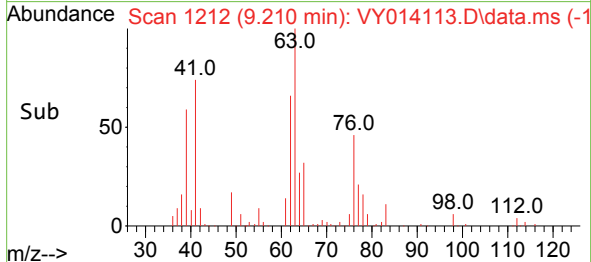
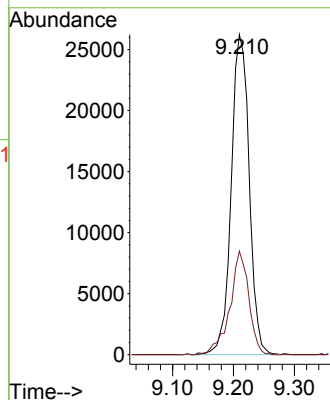
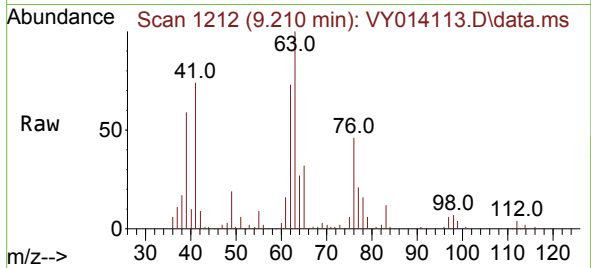




#45
1,2-Dichloropropane
Concen: 20.515 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. -0.005 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

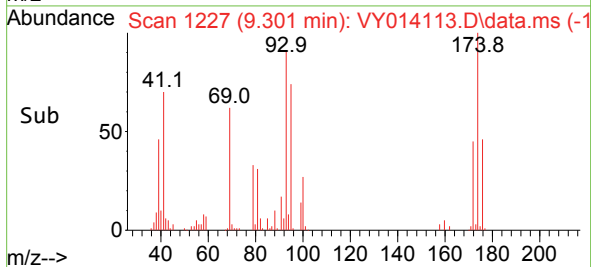
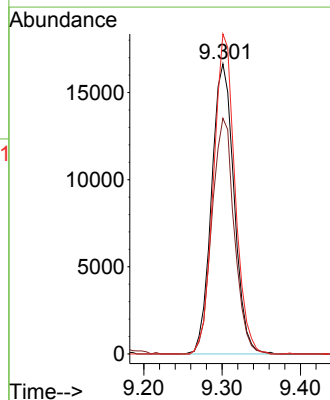
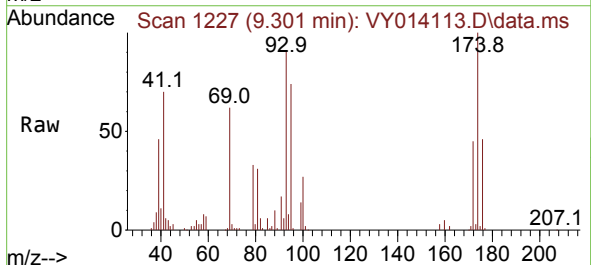
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

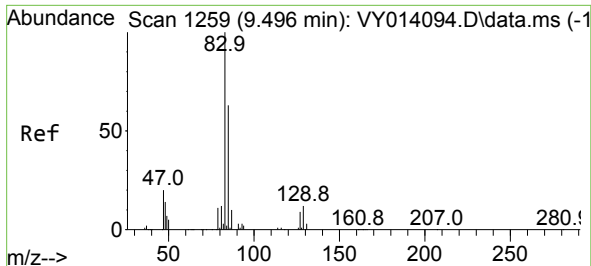
Tgt Ion: 63 Resp: 53793
Ion Ratio Lower Upper
63 100
65 32.4 23.8 35.6



#46
Dibromomethane
Concen: 20.564 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 93 Resp: 33191
Ion Ratio Lower Upper
93 100
95 80.6 66.6 100.0
174 105.5 84.8 127.2

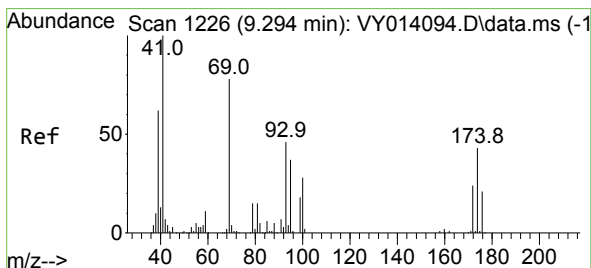
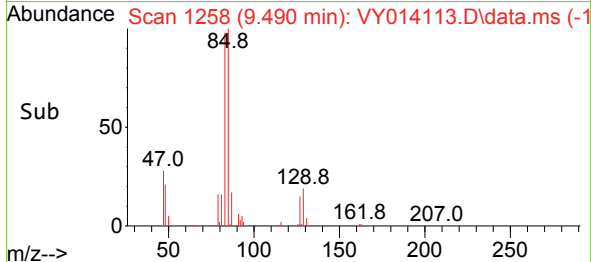
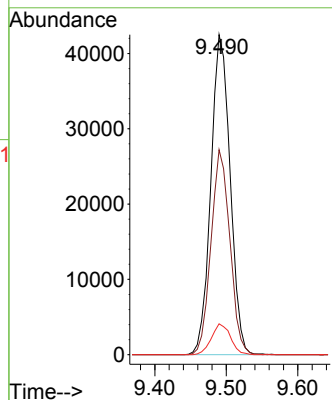
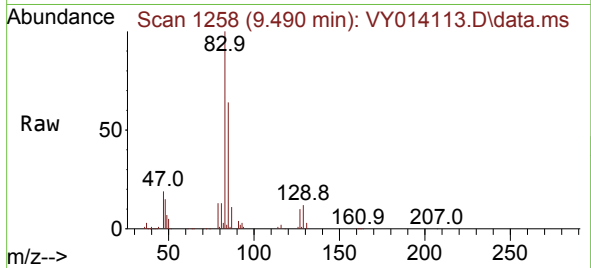




#47
Bromodichloromethane
Concen: 21.036 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

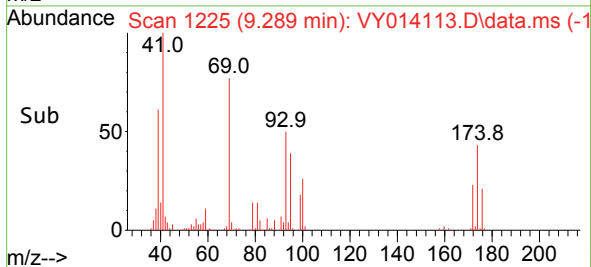
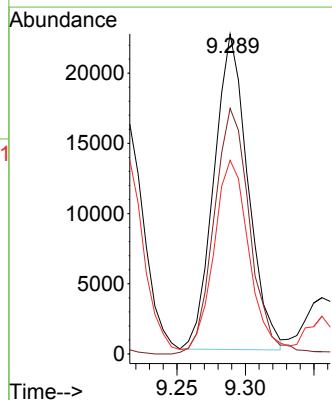
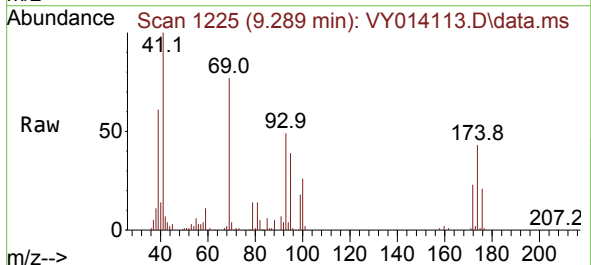
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

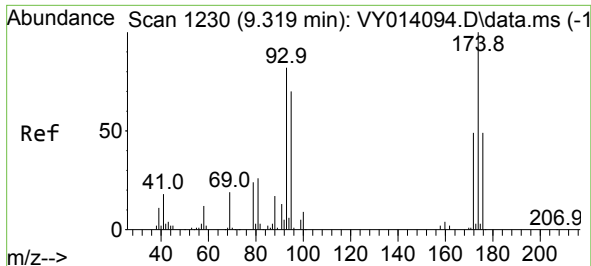
Tgt Ion: 83 Resp: 79501
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 19.778 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 41 Resp: 38728
Ion Ratio Lower Upper
41 100
69 82.6 64.5 96.7
39 61.2 50.8 76.2





#49

1,4-Dioxane

Concen: 412.792 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

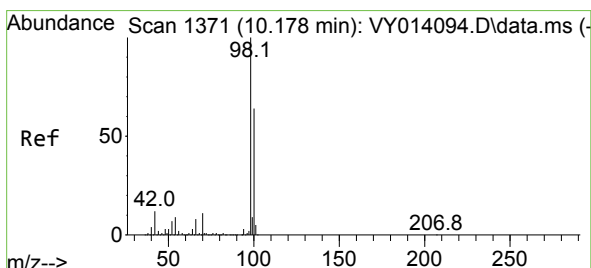
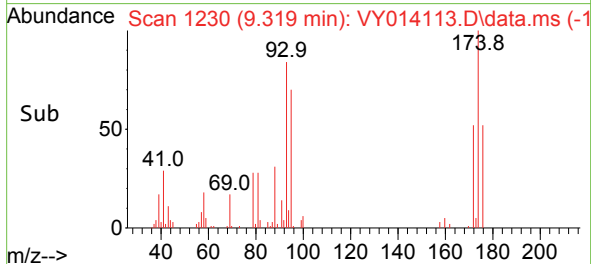
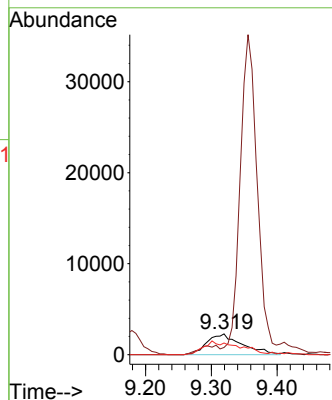
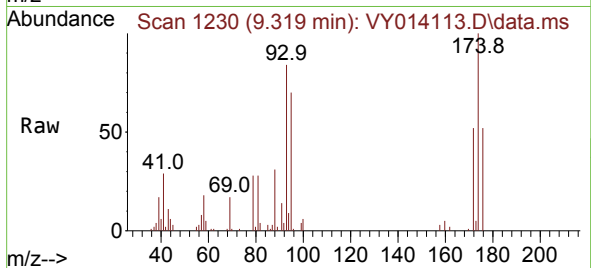
Tgt Ion: 88 Resp: 8466

Ion Ratio Lower Upper

88 100

43 25.1 0.0 0.0#

58 29.7 30.9 46.3#



#50

Toluene-d8

Concen: 47.661 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014113.D

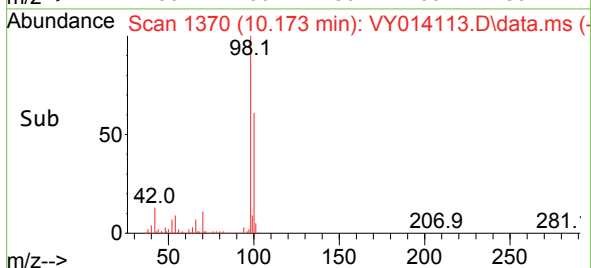
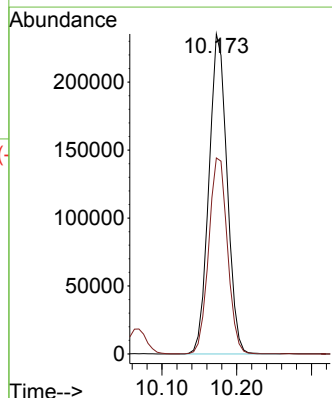
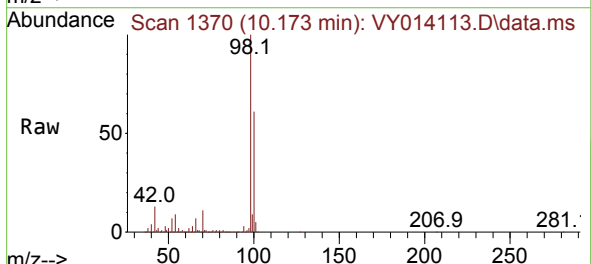
Acq: 12 Jun 2023 12:24

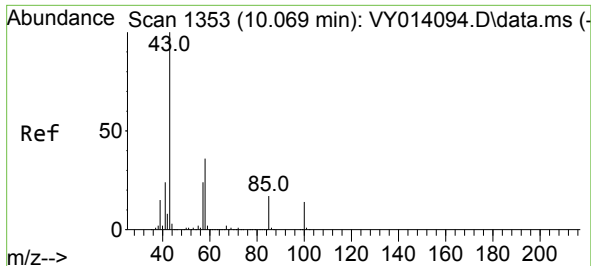
Tgt Ion: 98 Resp: 396789

Ion Ratio Lower Upper

98 100

100 63.1 50.1 75.1

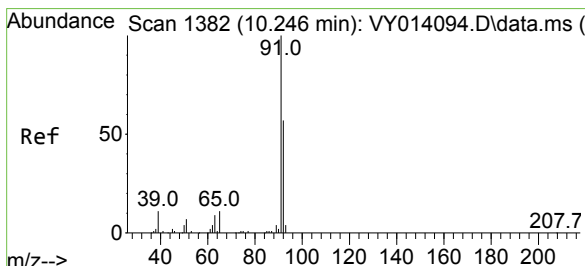
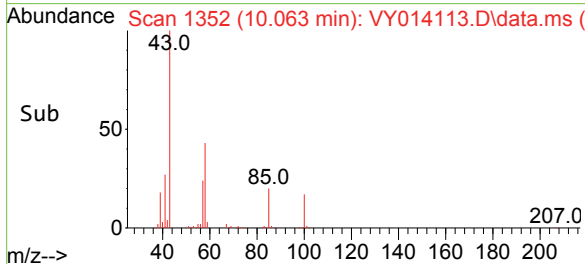
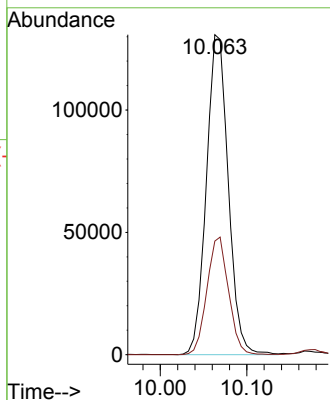
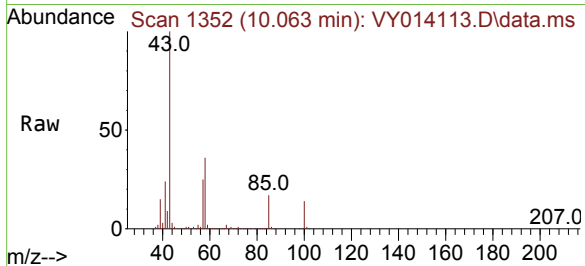




#51
4-Methyl-2-Pentanone
Concen: 100.719 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

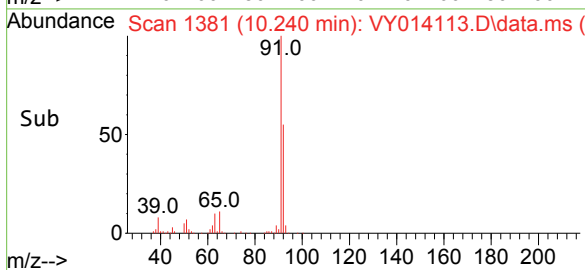
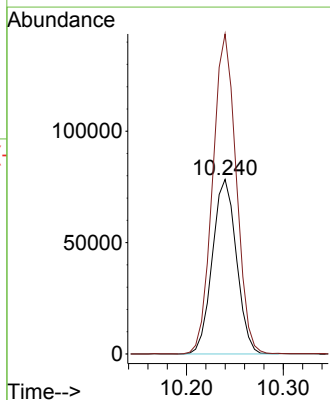
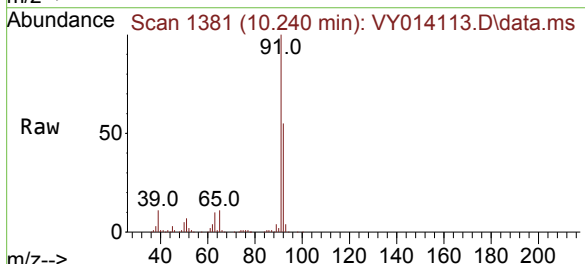
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

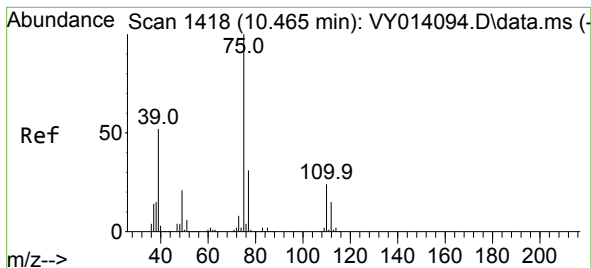
Tgt Ion: 43 Resp: 229732
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 21.147 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 92 Resp: 135327
Ion Ratio Lower Upper
92 100
91 179.5 143.8 215.6

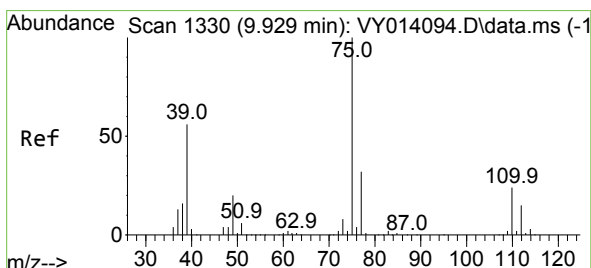
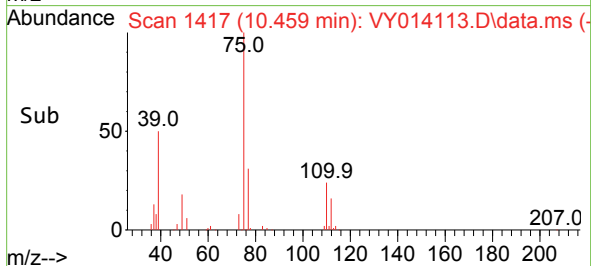
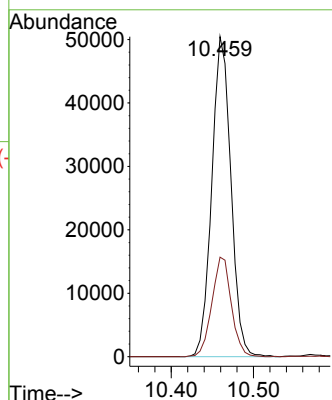
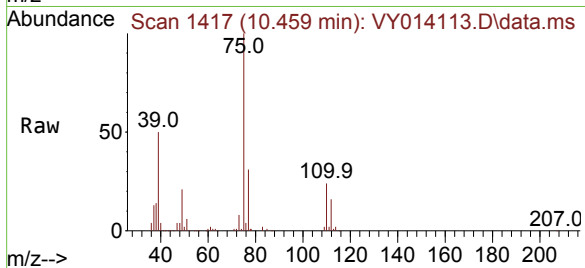




#53
t-1,3-Dichloropropene
Concen: 20.509 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

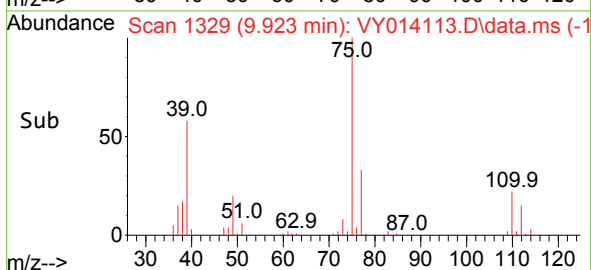
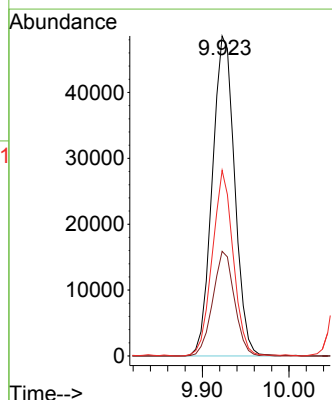
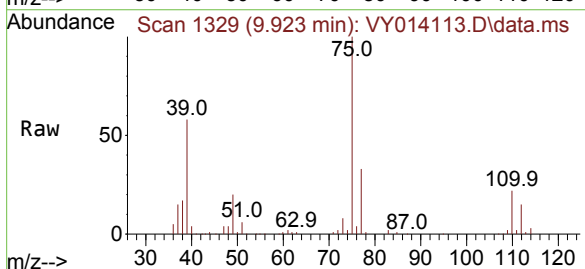
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

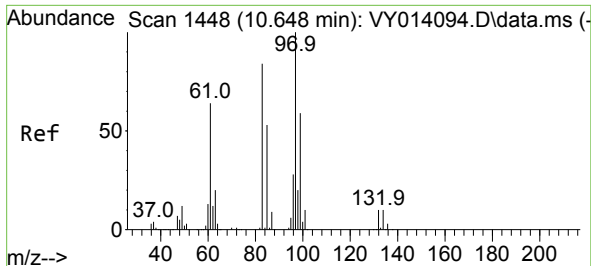
Tgt Ion: 75 Resp: 81593
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.072 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 75 Resp: 87126
Ion Ratio Lower Upper
75 100
77 32.7 24.2 36.4
39 58.0 42.2 63.4

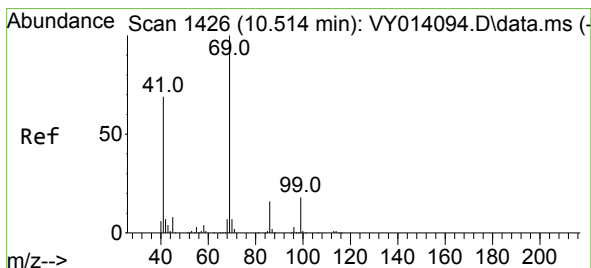
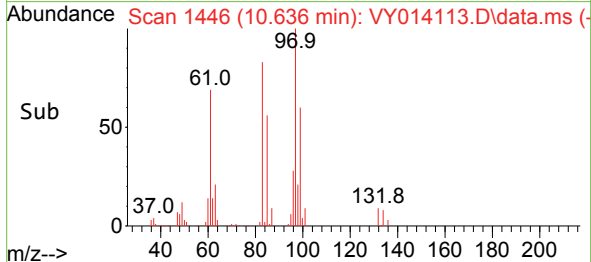
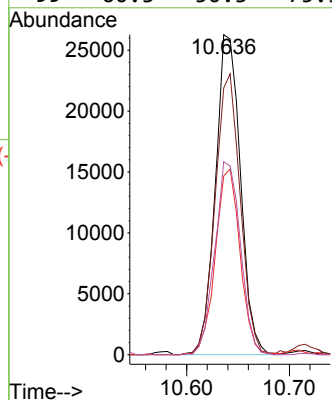
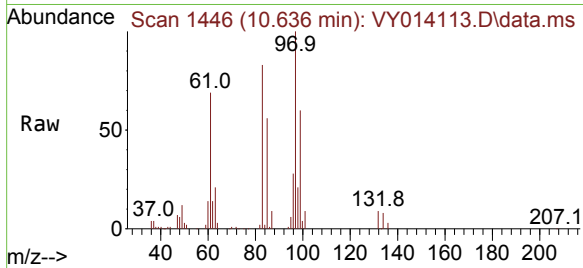




#55
1,1,2-Trichloroethane
Concen: 20.778 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.012 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

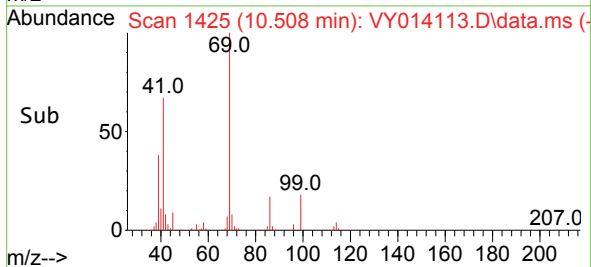
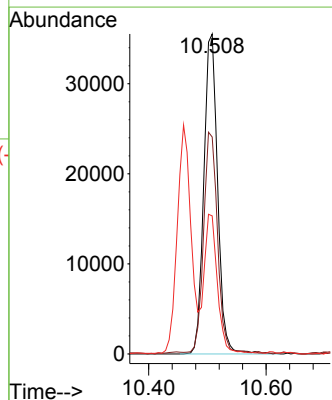
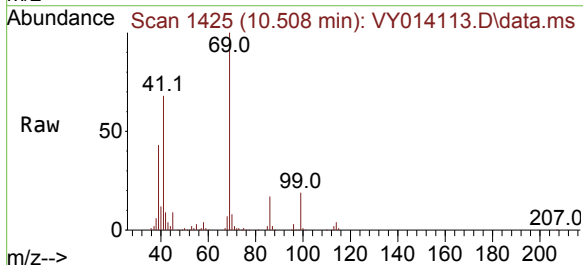
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

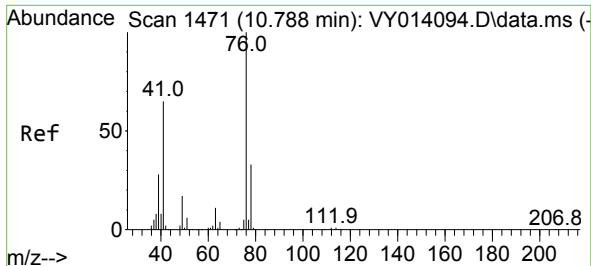
Tgt Ion: 97	Resp: 44483
Ion Ratio	Lower Upper
97 100	
83 83.3	72.0 108.0
85 55.8	45.4 68.0
99 60.3	50.3 75.5



#56
Ethyl methacrylate
Concen: 19.683 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 69	Resp: 58123
Ion Ratio	Lower Upper
69 100	
41 69.1	57.6 86.4
39 41.6	34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.616 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

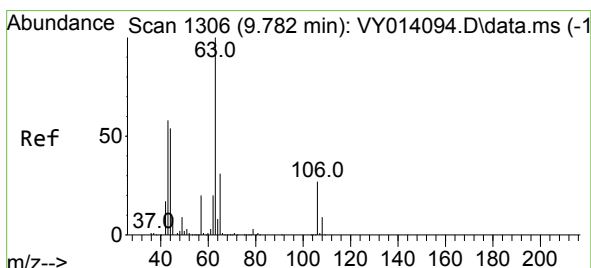
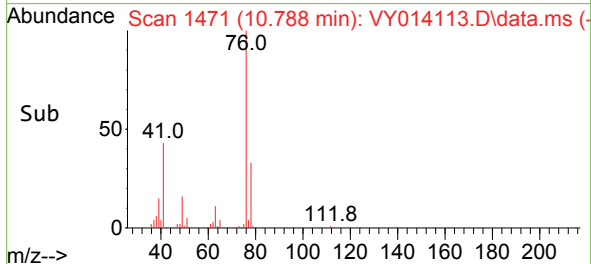
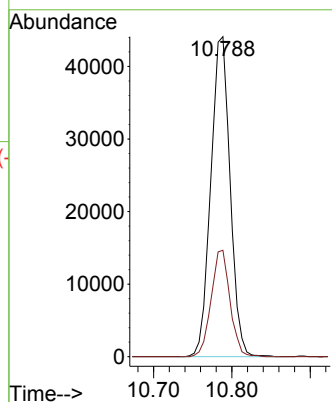
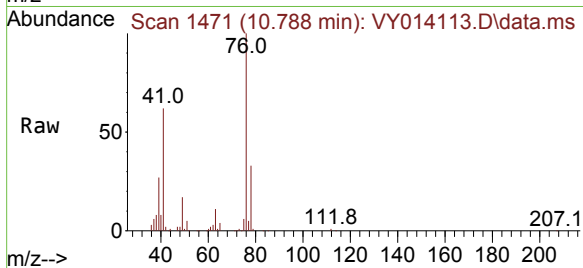
VY0612SBSD01

Tgt Ion: 76 Resp: 75485

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 79.086 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014113.D

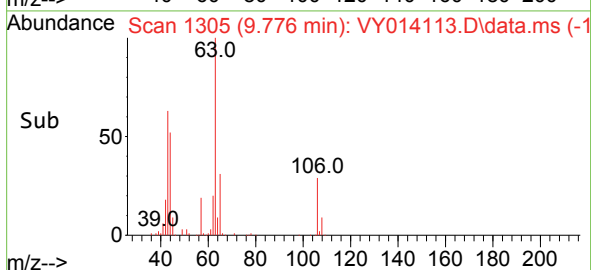
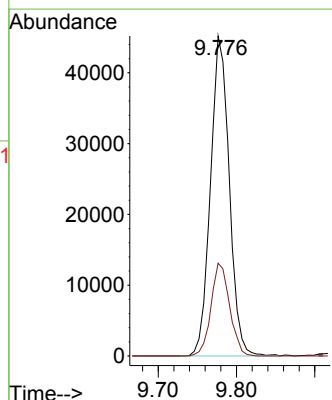
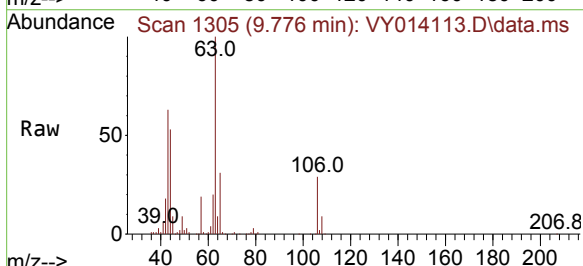
Acq: 12 Jun 2023 12:24

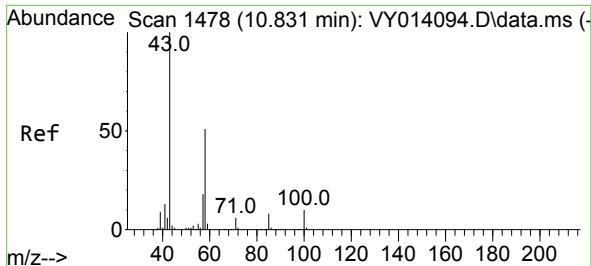
Tgt Ion: 63 Resp: 75198

Ion Ratio Lower Upper

63 100

106 28.7 21.2 31.8

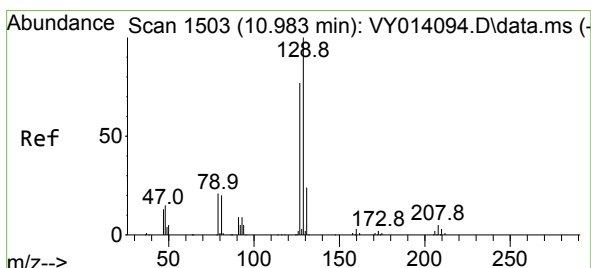
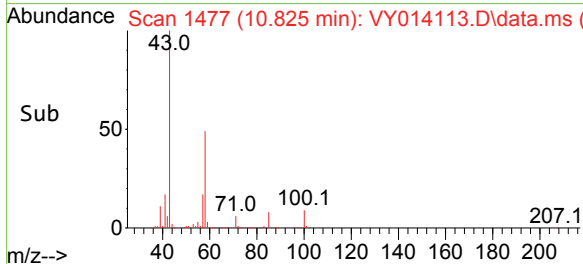
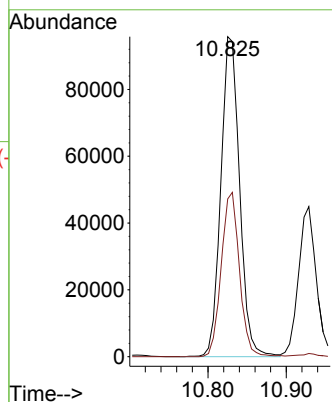
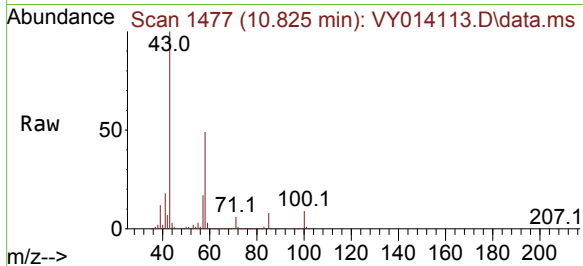




#59
2-Hexanone
Concen: 96.843 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

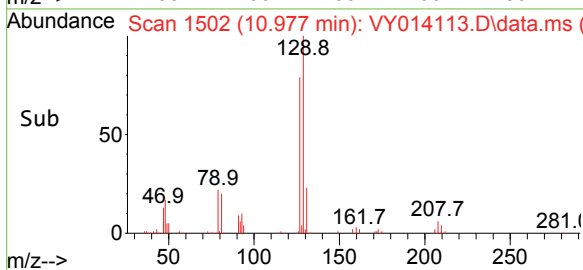
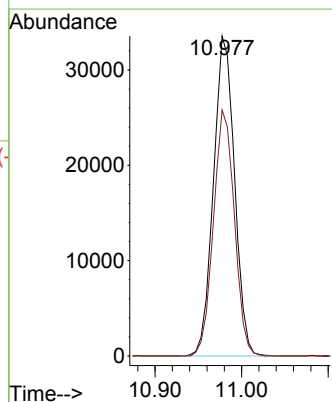
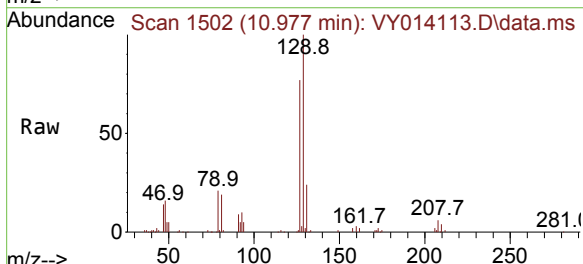
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

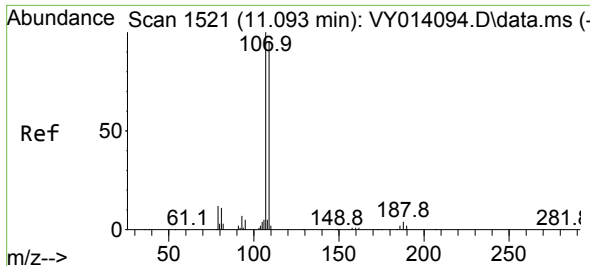
Tgt Ion: 43 Resp: 159541
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 20.684 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 129 Resp: 56677
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

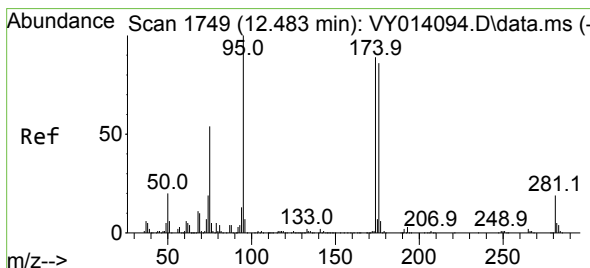
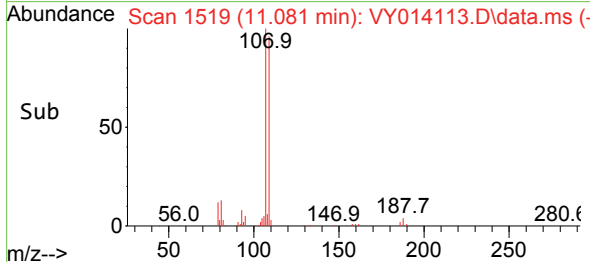
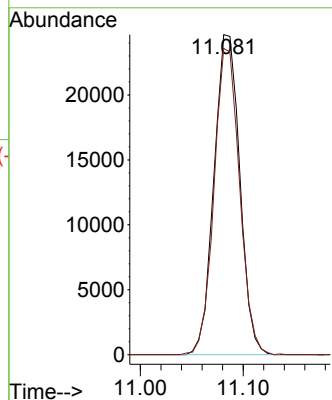
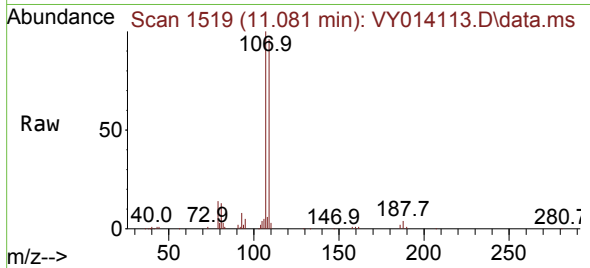




#61
1,2-Dibromoethane
Concen: 20.298 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

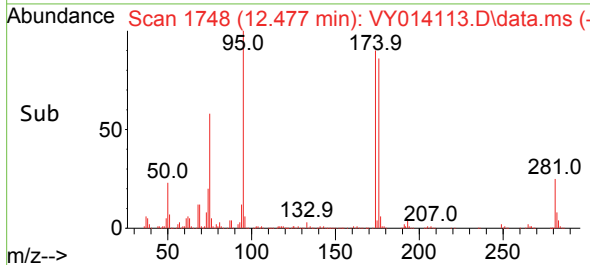
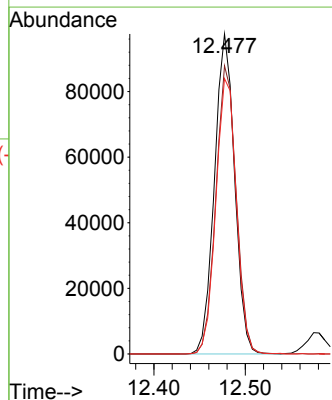
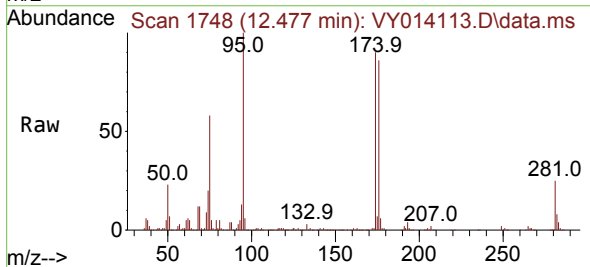
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

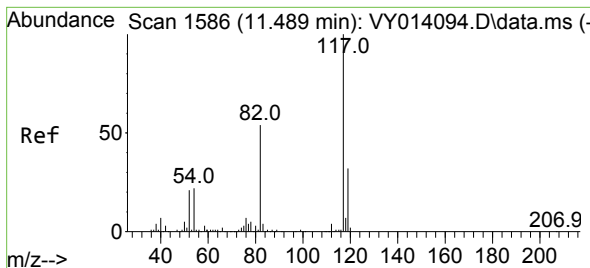
Tgt Ion:107 Resp: 42886
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.564 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 95 Resp: 149536
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 87.8 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: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

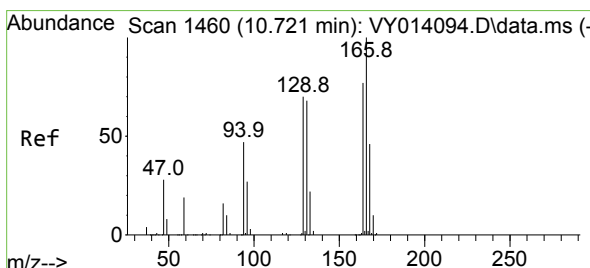
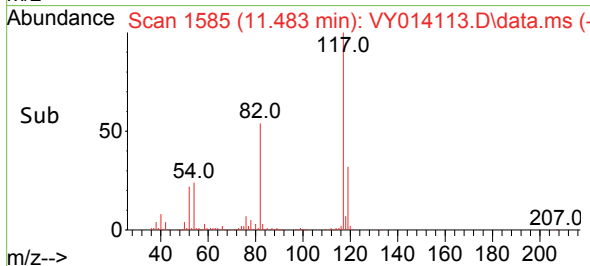
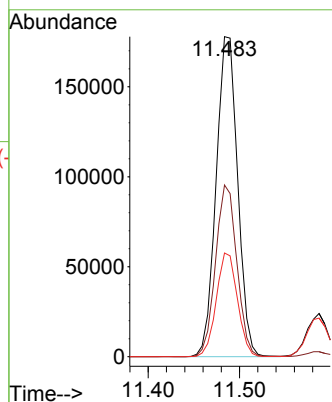
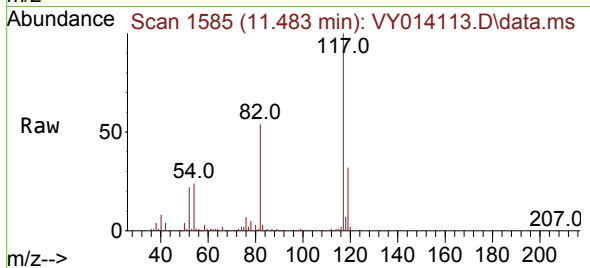
Tgt Ion:117 Resp: 291365

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 21.496 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Tgt Ion:164 Resp: 53385

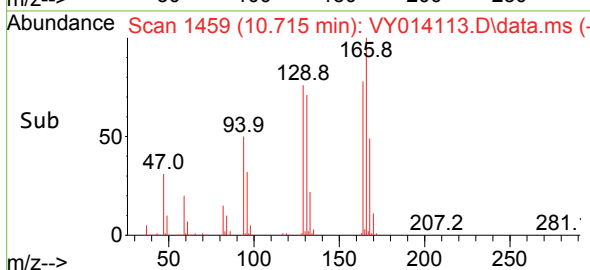
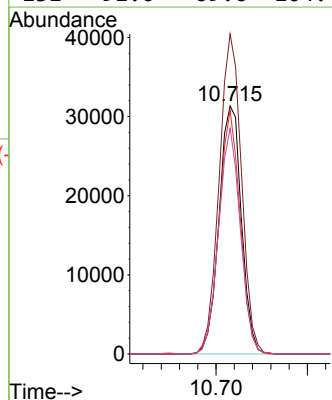
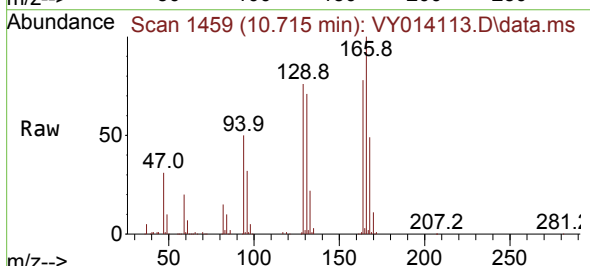
Ion Ratio Lower Upper

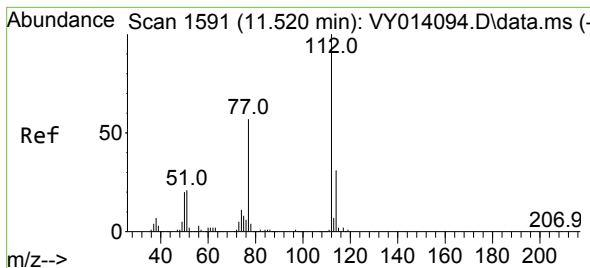
164 100

166 129.0 103.0 154.6

129 98.3 77.2 115.8

131 91.0 69.6 104.4





#65

Chlorobenzene

Concen: 20.784 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

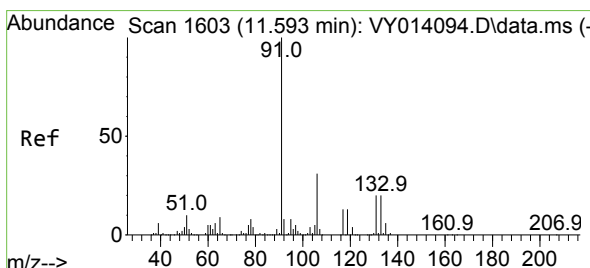
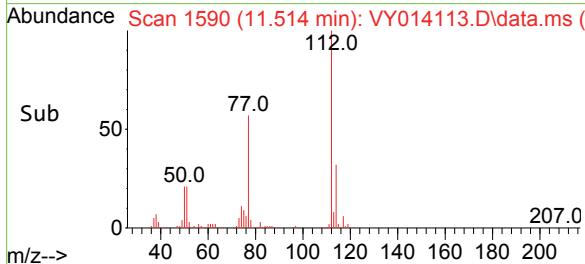
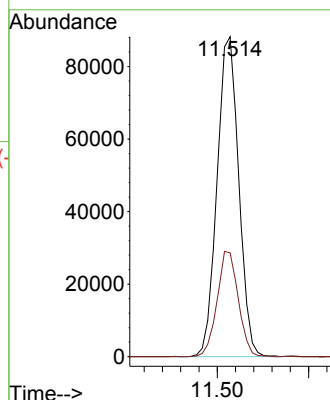
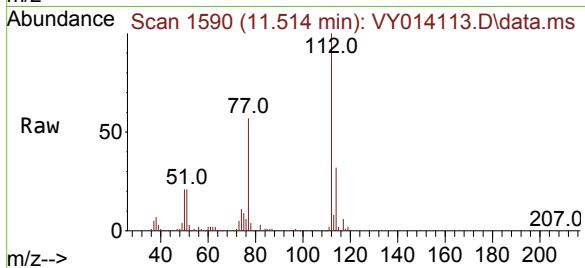
VY0612SBSD01

Tgt Ion:112 Resp: 145513

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.085 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

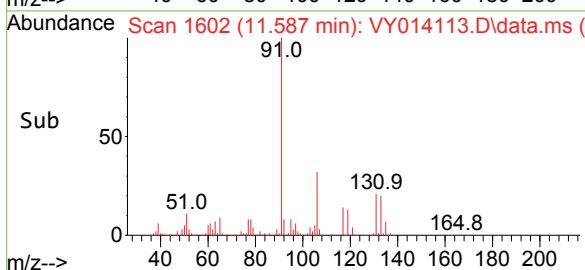
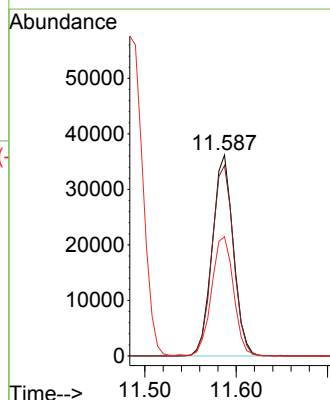
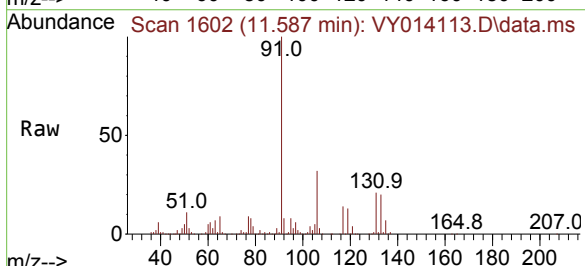
Tgt Ion:131 Resp: 58061

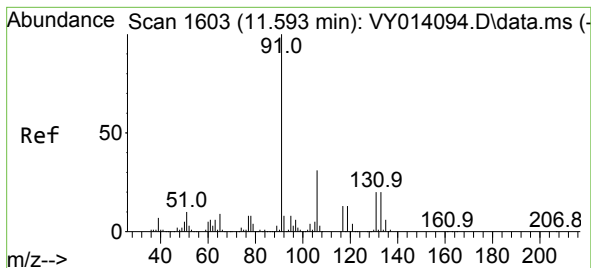
Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.6

119 62.1 31.6 94.7





#67

Ethyl Benzene

Concen: 21.198 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

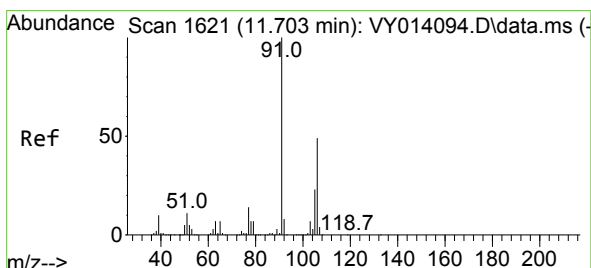
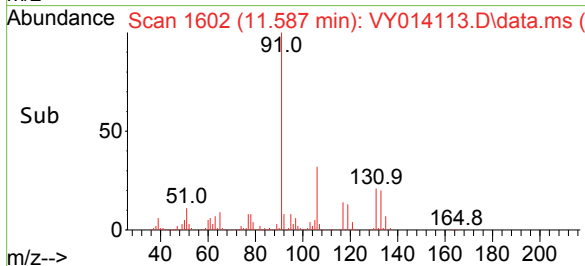
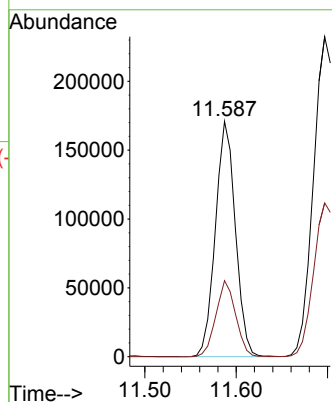
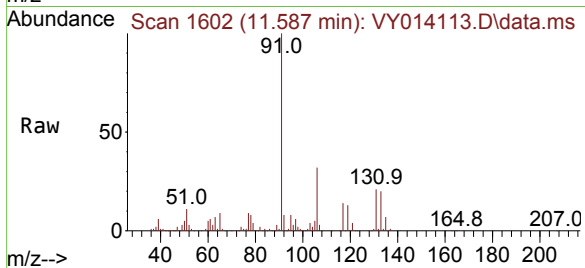
VY0612SBSD01

Tgt Ion: 91 Resp: 259772

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 43.107 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014113.D

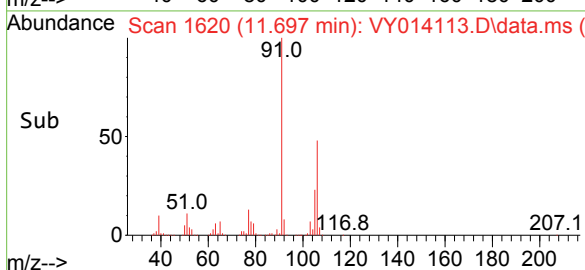
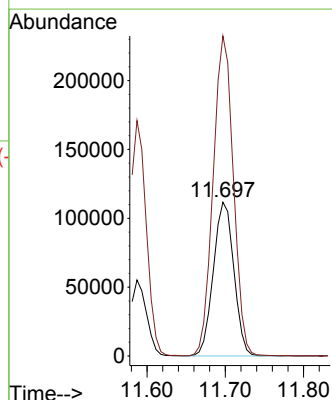
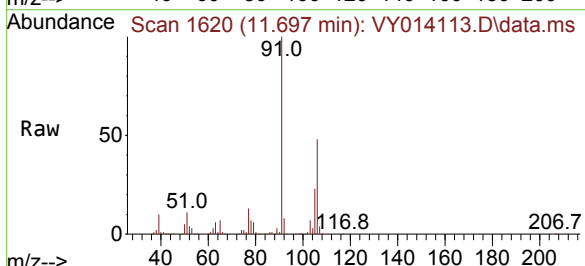
Acq: 12 Jun 2023 12:24

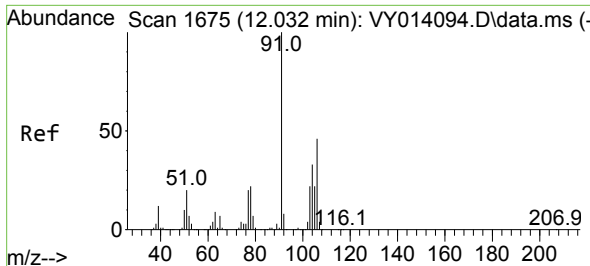
Tgt Ion:106 Resp: 203191

Ion Ratio Lower Upper

106 100

91 205.6 166.1 249.1

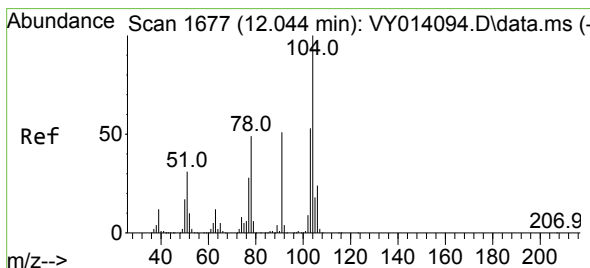
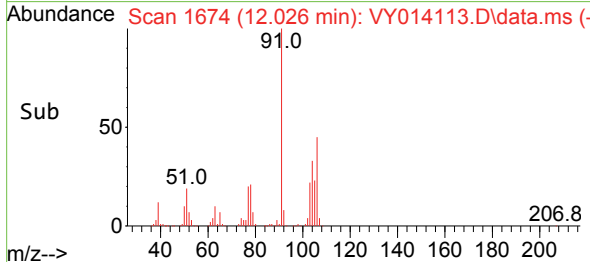
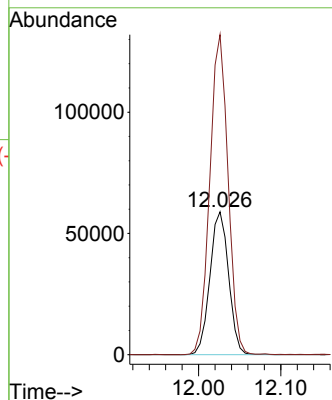
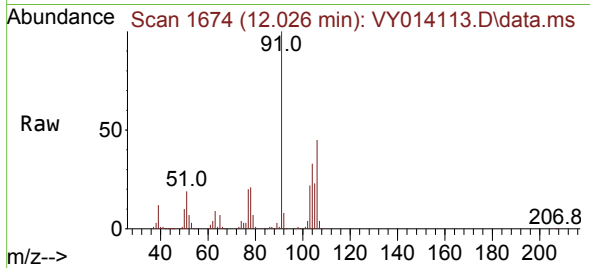




#69
o-Xylene
Concen: 20.851 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

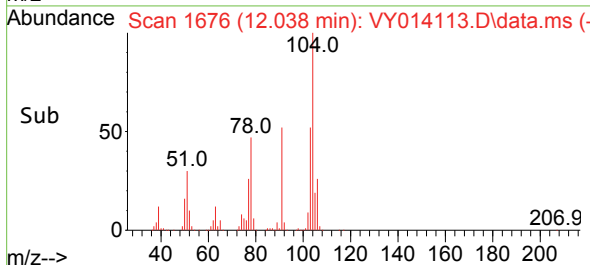
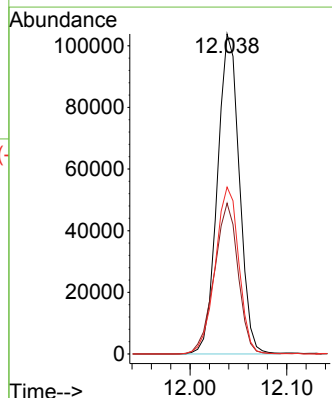
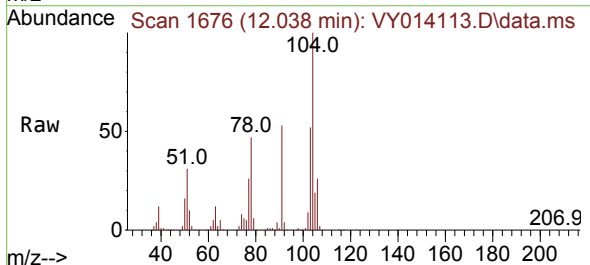
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

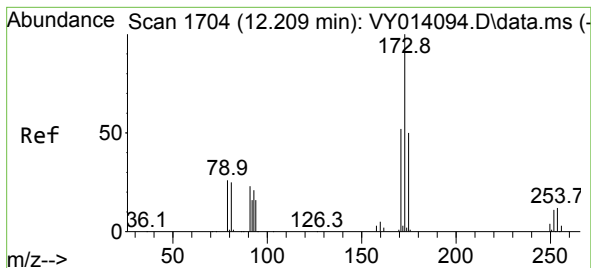
Tgt Ion:106 Resp: 92921
Ion Ratio Lower Upper
106 100
91 219.2 108.1 324.3



#70
Styrene
Concen: 21.540 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion:104 Resp: 163833
Ion Ratio Lower Upper
104 100
78 51.1 41.5 62.3
103 56.0 44.6 67.0





#71

Bromoform

Concen: 21.242 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

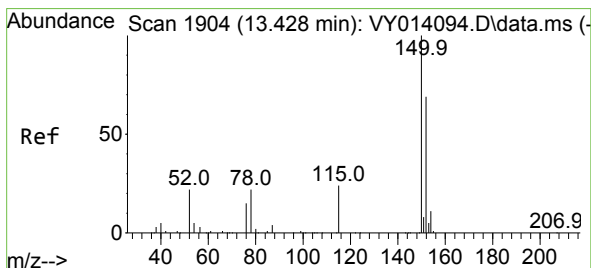
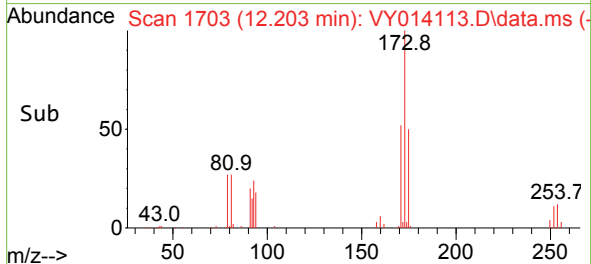
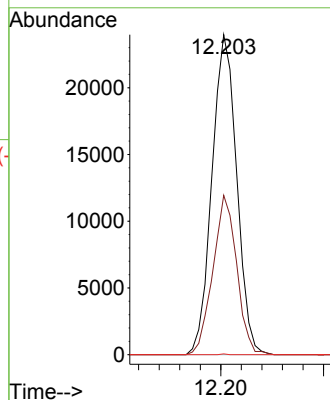
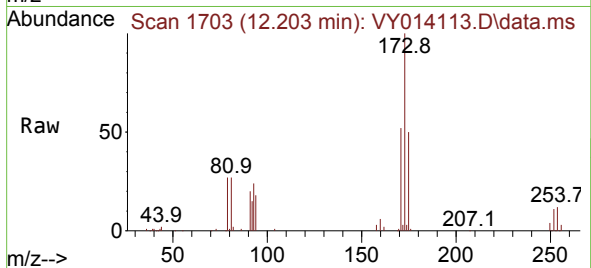
Tgt Ion:173 Resp: 40059

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

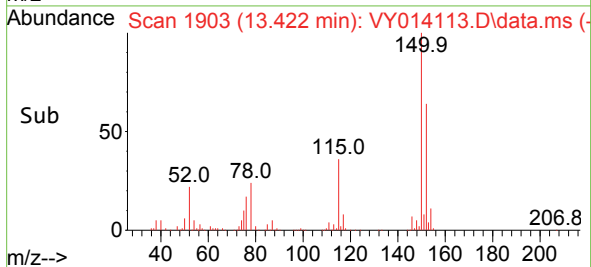
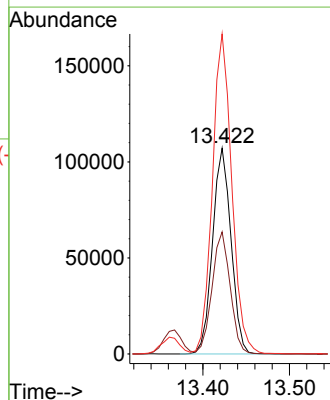
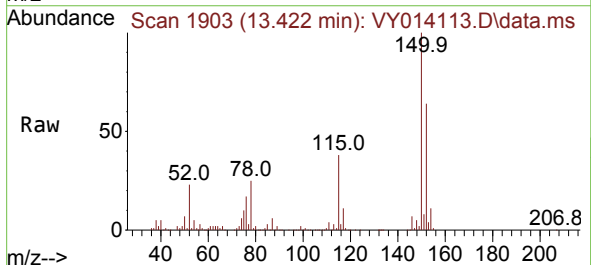
Tgt Ion:152 Resp: 158781

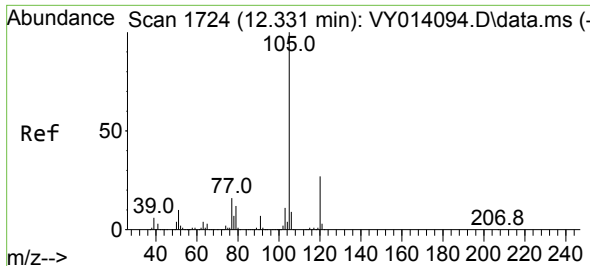
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 163.1 0.0 348.8

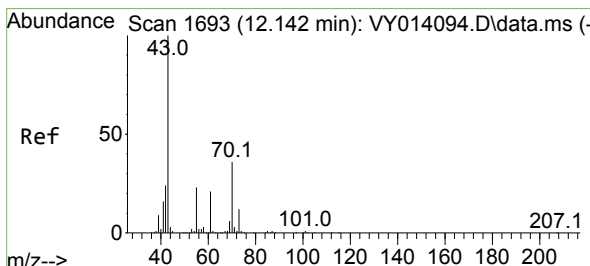
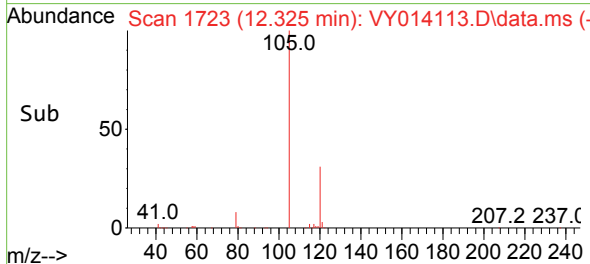
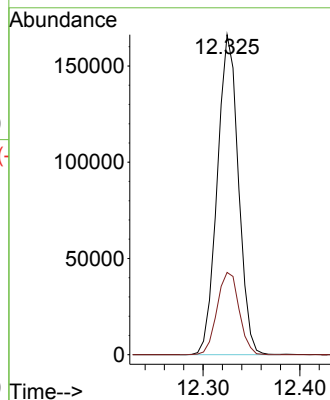
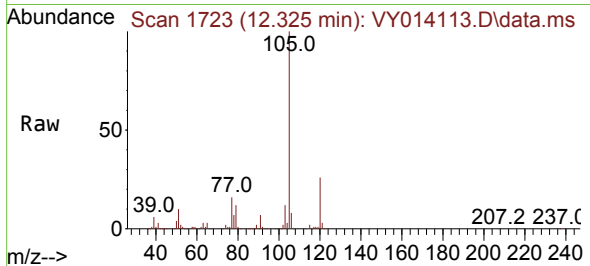




#73
Isopropylbenzene
Concen: 20.831 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

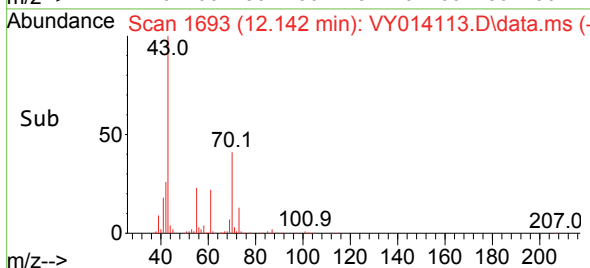
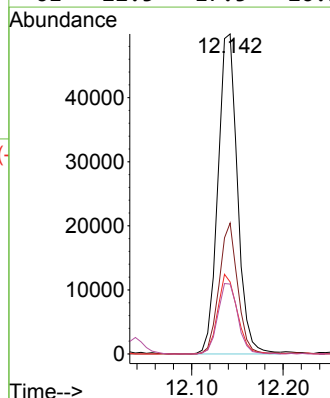
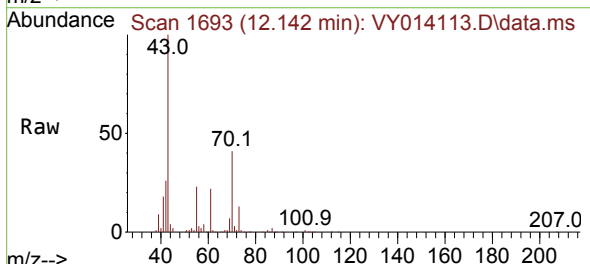
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

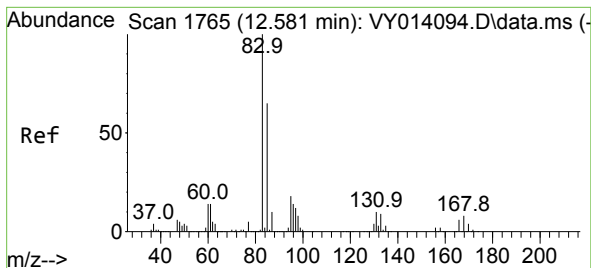
Tgt Ion:105 Resp: 252320
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 19.285 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 43 Resp: 74024
Ion Ratio Lower Upper
43 100
70 39.1 29.7 44.5
55 24.8 18.3 27.5
61 22.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.809 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

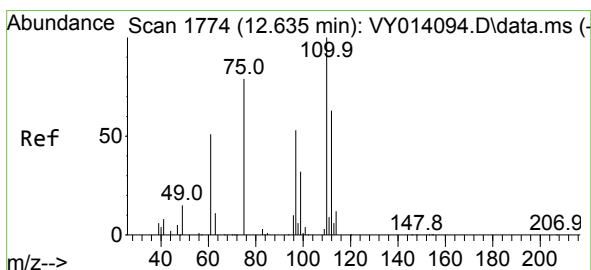
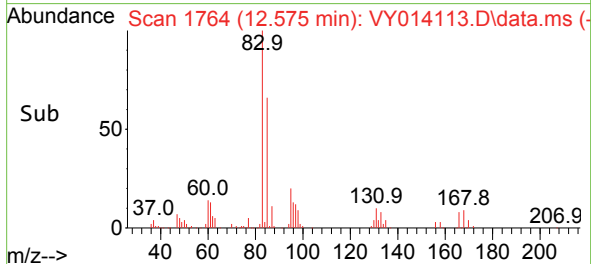
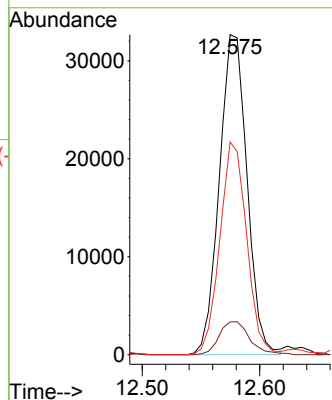
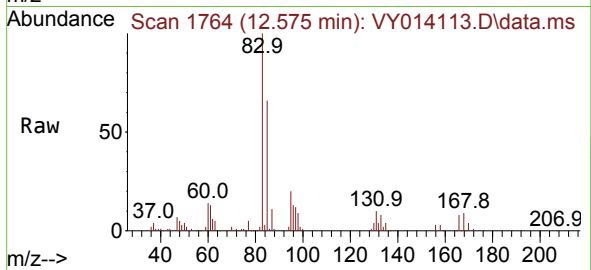
Tgt Ion: 83 Resp: 53615

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.161 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014113.D

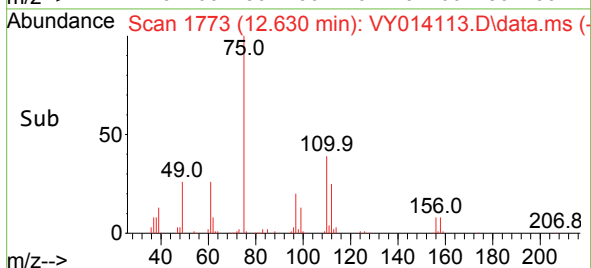
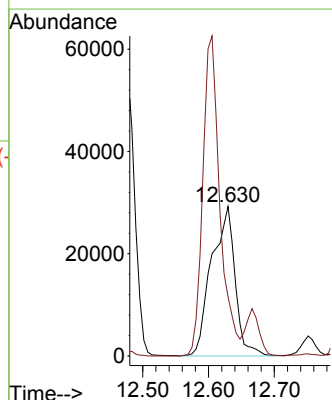
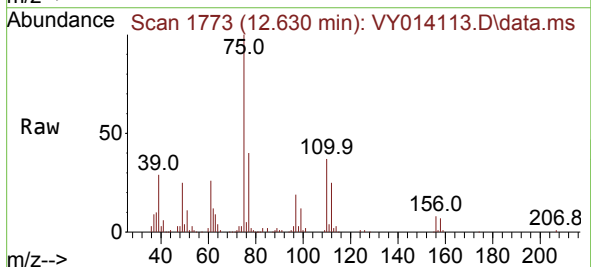
Acq: 12 Jun 2023 12:24

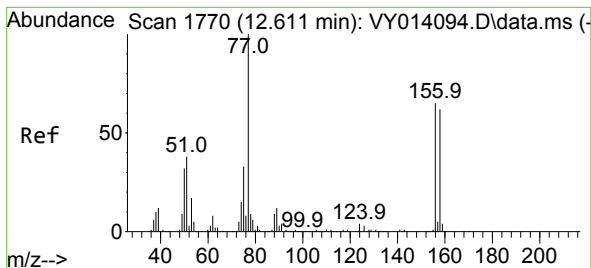
Tgt Ion: 75 Resp: 73247

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.389 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

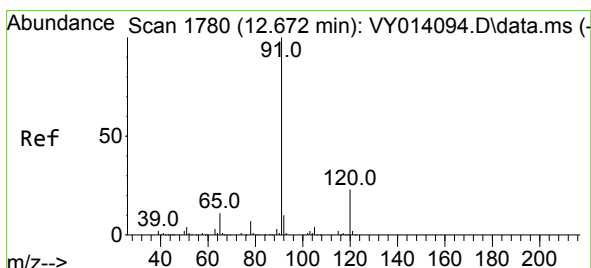
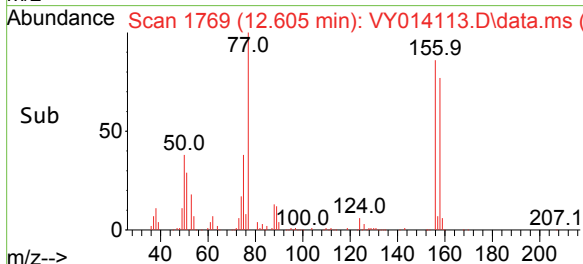
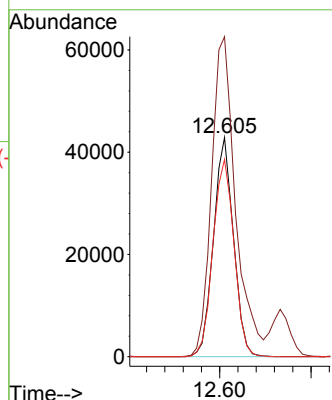
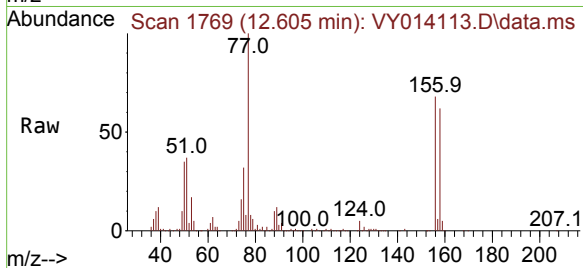
Tgt Ion:156 Resp: 64911

Ion Ratio Lower Upper

156 100

77 175.5 92.8 278.6

158 95.1 48.4 145.3



#78

n-propylbenzene

Concen: 21.189 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014113.D

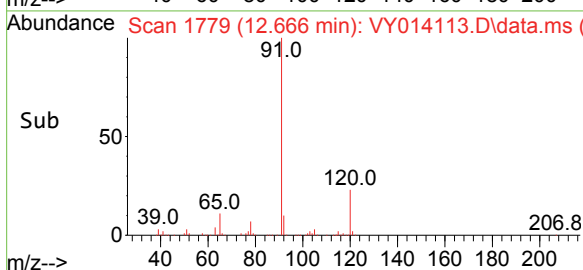
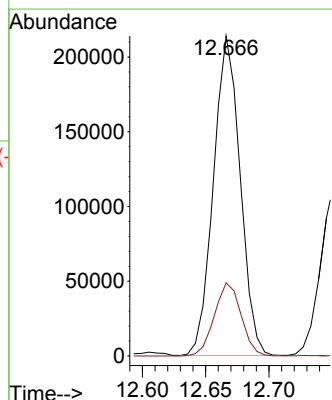
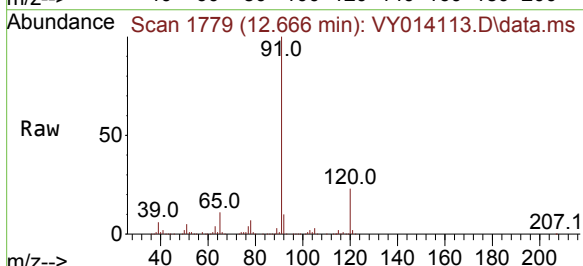
Acq: 12 Jun 2023 12:24

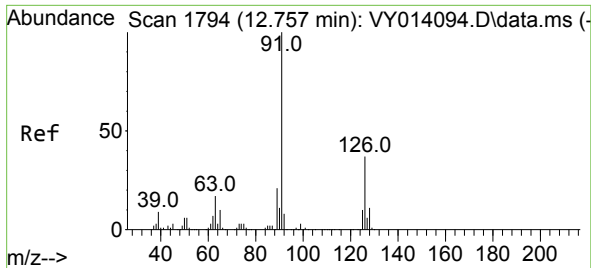
Tgt Ion: 91 Resp: 313486

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

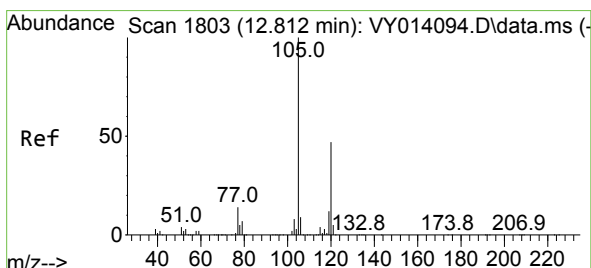
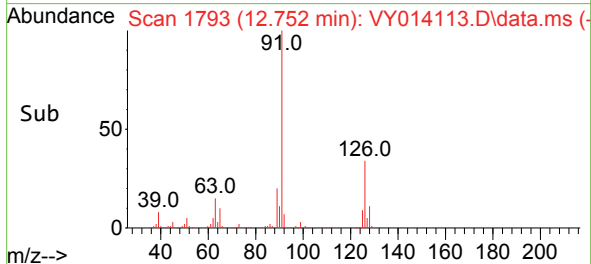
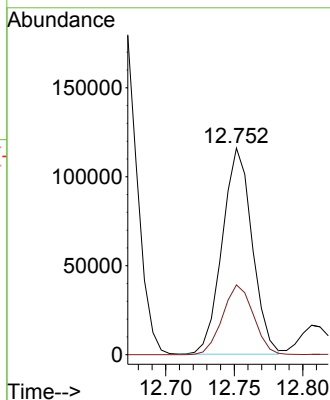
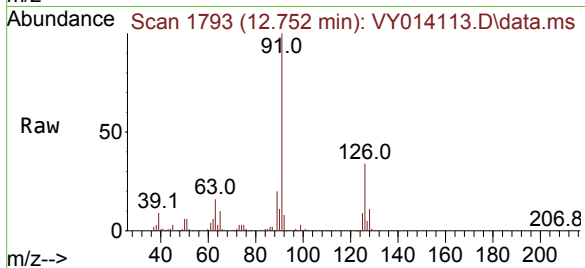




#79
2-Chlorotoluene
Concen: 20.667 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

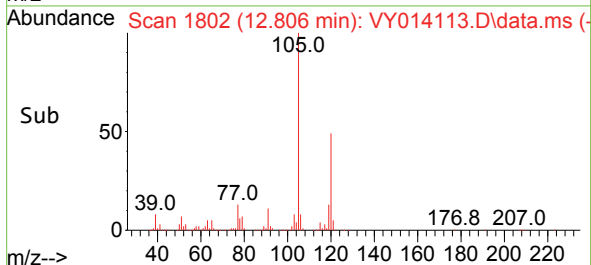
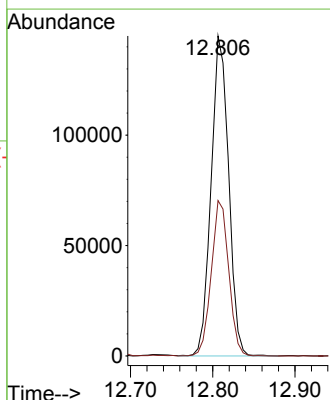
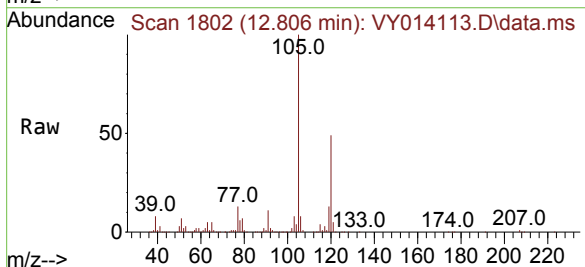
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

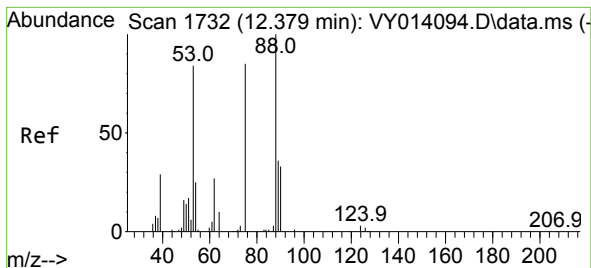
Tgt Ion: 91 Resp: 175935
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.689 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 105 Resp: 214580
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

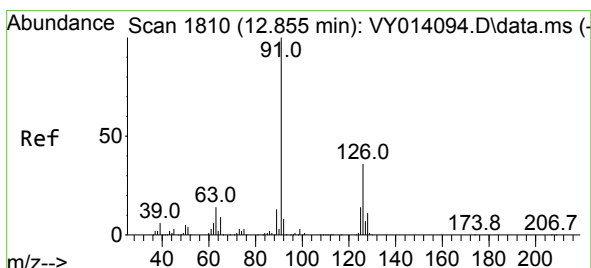
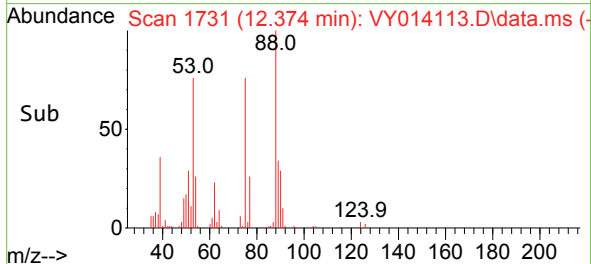
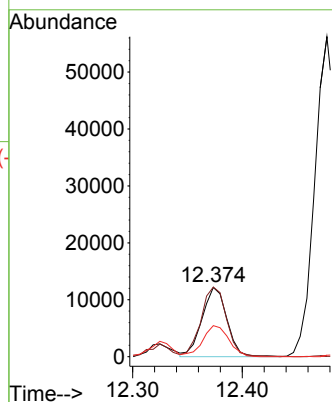
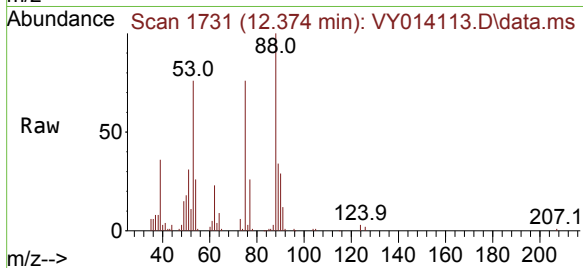




#81
trans-1,4-Dichloro-2-butene
Concen: 19.847 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

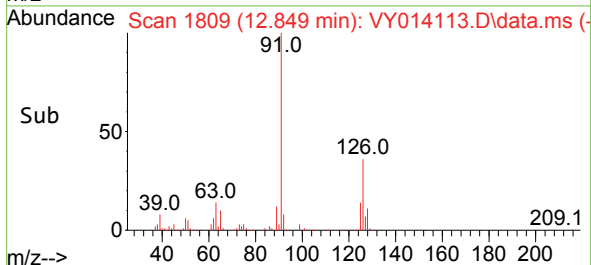
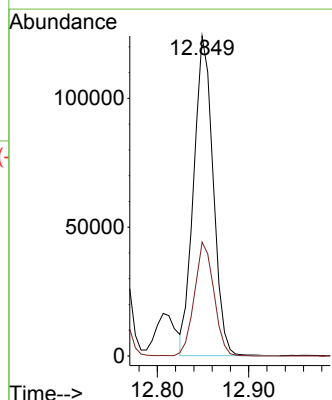
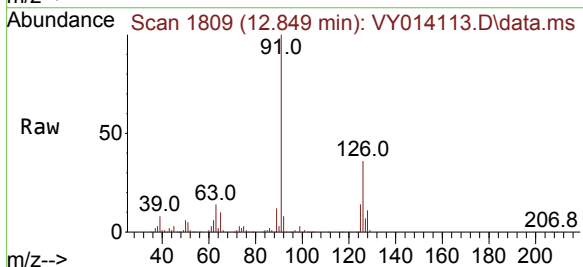
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

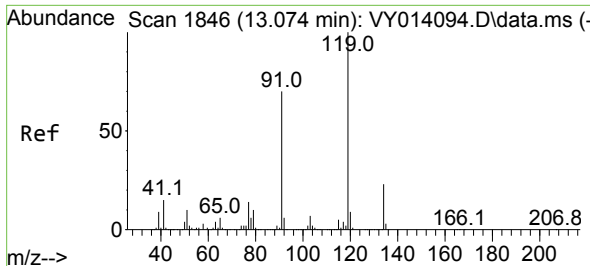
Tgt Ion: 75 Resp: 19127
Ion Ratio Lower Upper
75 100
53 103.5 77.8 116.8
89 46.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.312 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014113.D
Acq: 12 Jun 2023 12:24

Tgt Ion: 91 Resp: 183237
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6

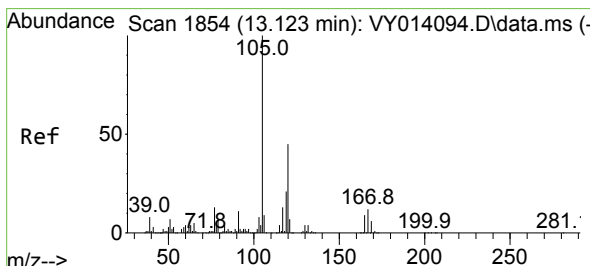
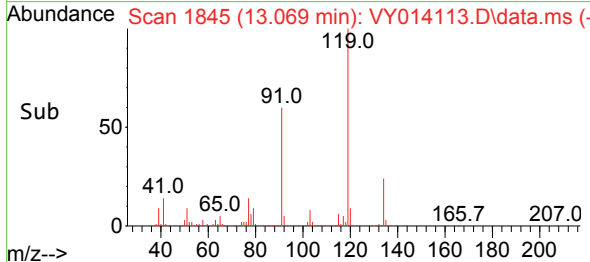
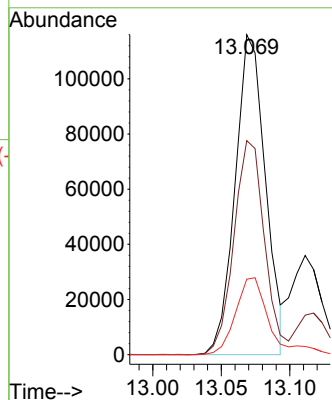
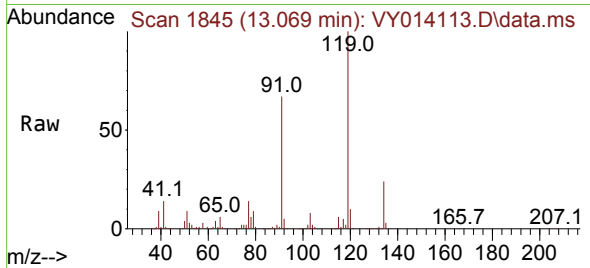




#83
 tert-Butylbenzene
 Concen: 20.253 ug/l
 RT: 13.069 min Scan# 1845
 Delta R.T. -0.005 min
 Lab File: VY014113.D
 Acq: 12 Jun 2023 12:24

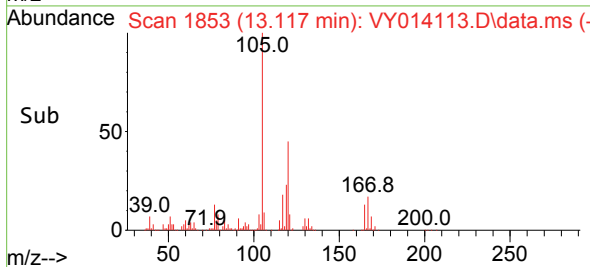
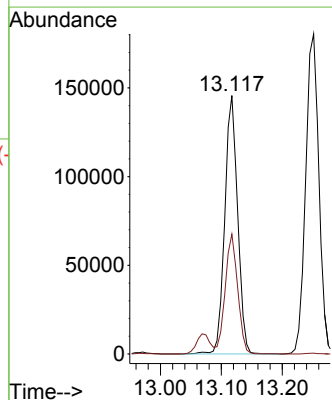
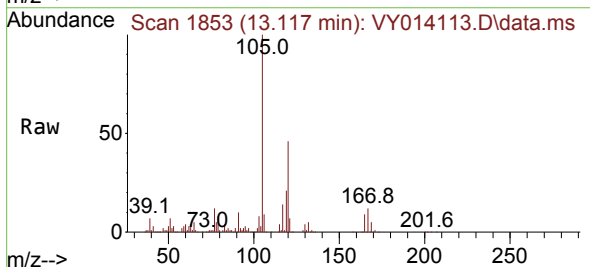
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBSD01

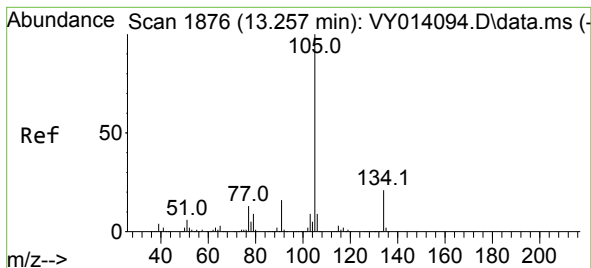
Tgt Ion:119 Resp: 178505
 Ion Ratio Lower Upper
 119 100
 91 67.9 32.9 98.6
 134 26.8 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.792 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY014113.D
 Acq: 12 Jun 2023 12:24

Tgt Ion:105 Resp: 213468
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.166 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

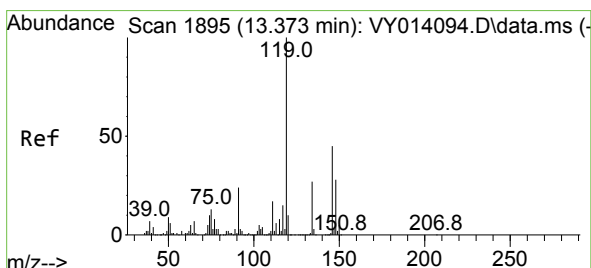
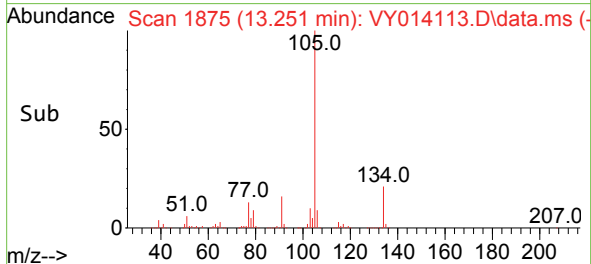
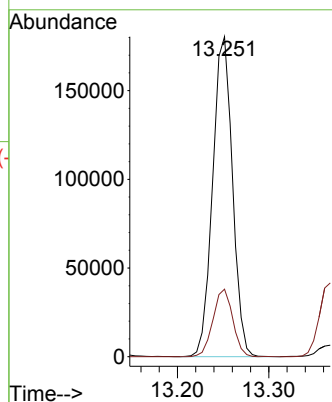
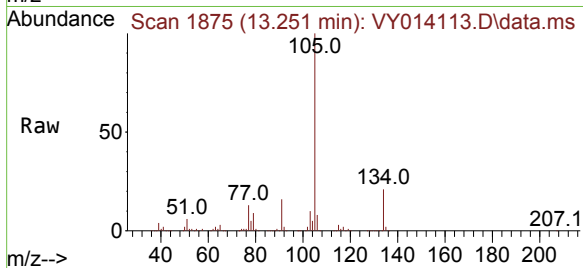
VY0612SBS01

Tgt Ion:105 Resp: 271222

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.700 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

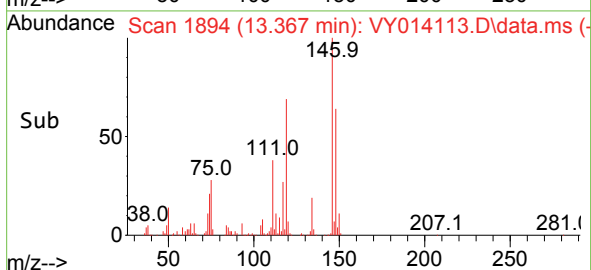
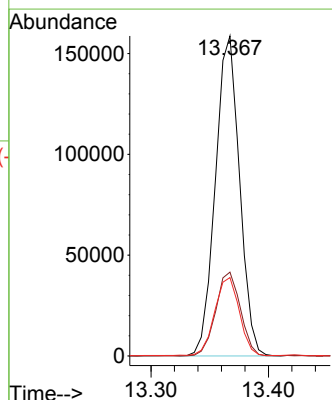
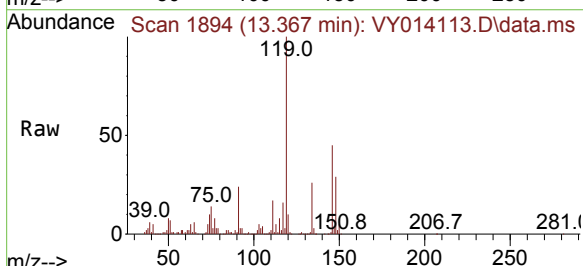
Tgt Ion:119 Resp: 227006

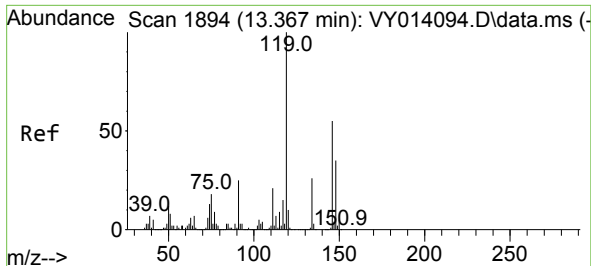
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.493 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

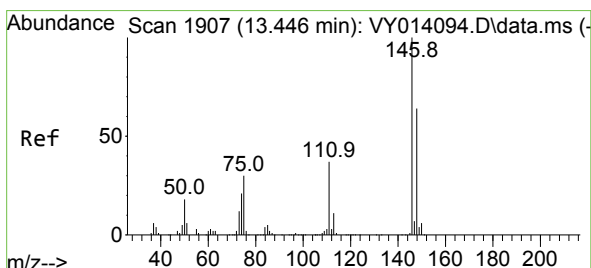
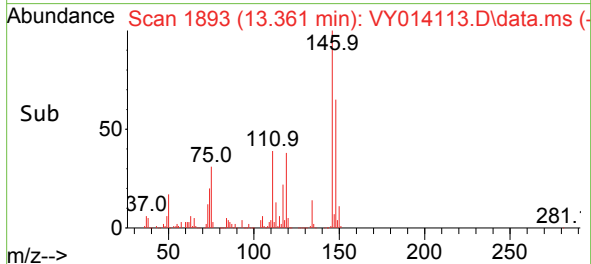
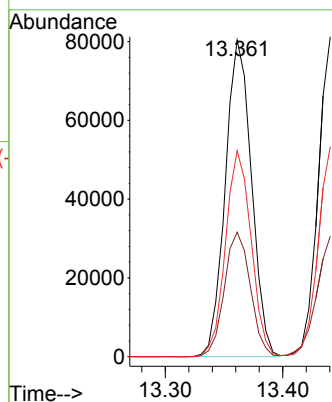
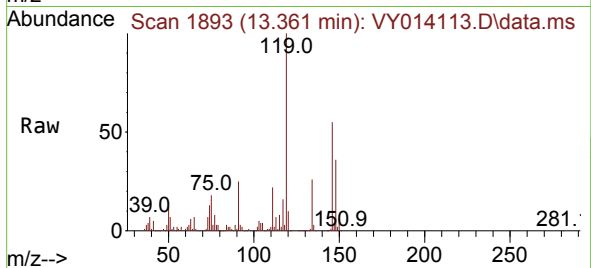
Tgt Ion:146 Resp: 124565

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.417 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

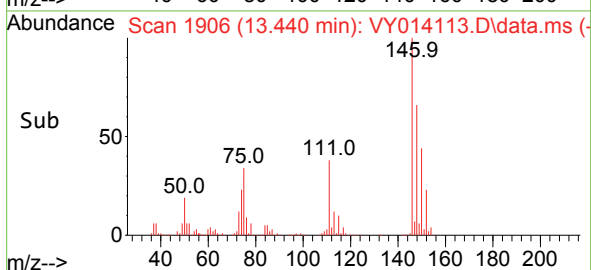
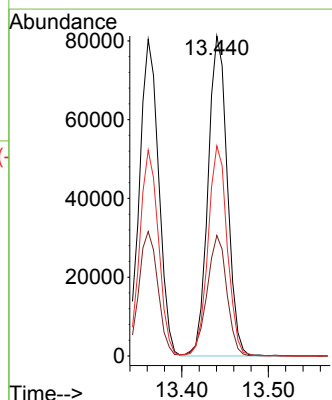
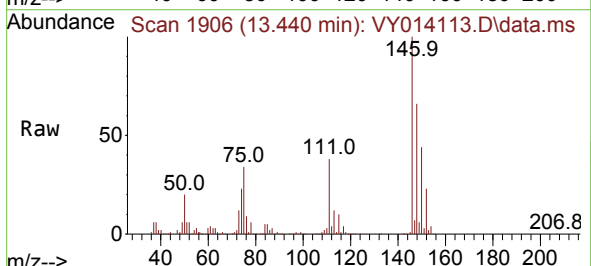
Tgt Ion:146 Resp: 125039

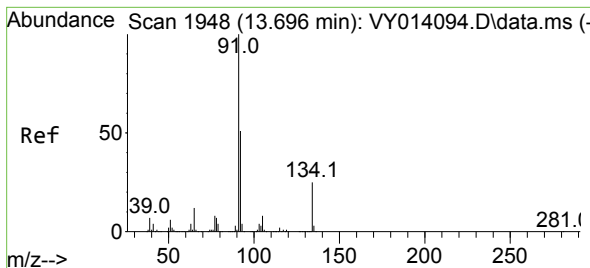
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 65.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.576 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

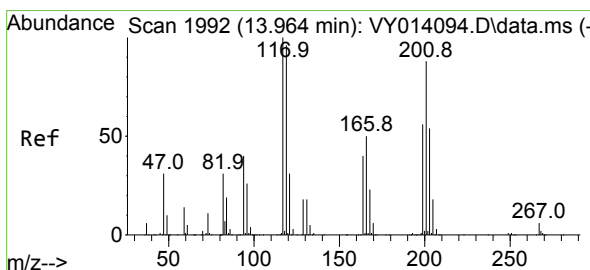
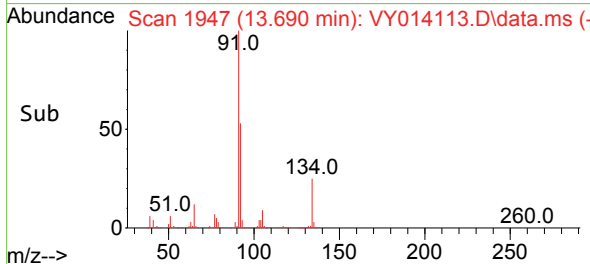
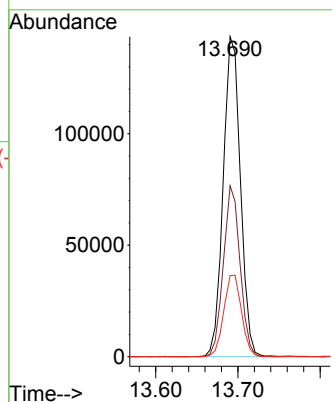
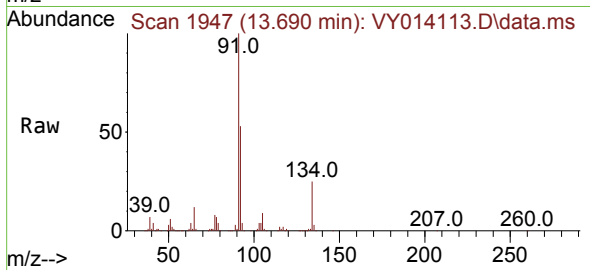
Tgt Ion: 91 Resp: 209293

Ion Ratio Lower Upper

91 100

92 51.8 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 20.980 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014113.D

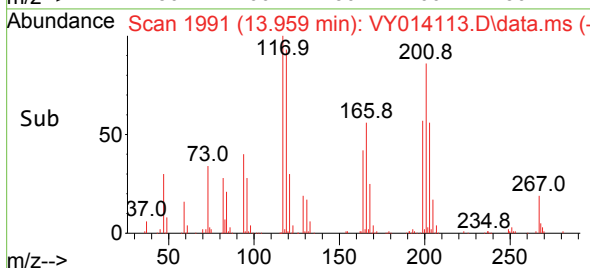
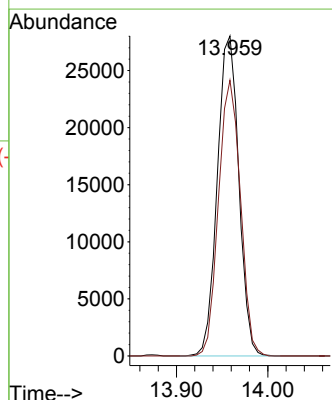
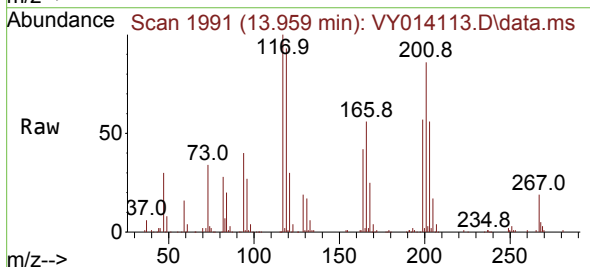
Acq: 12 Jun 2023 12:24

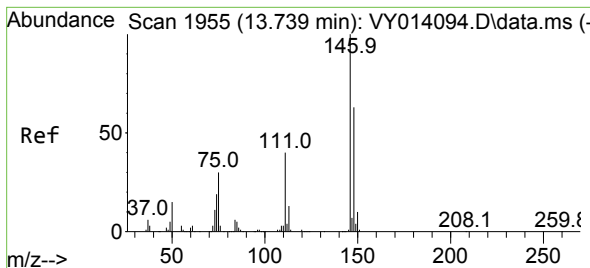
Tgt Ion: 117 Resp: 45847

Ion Ratio Lower Upper

117 100

201 87.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.799 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

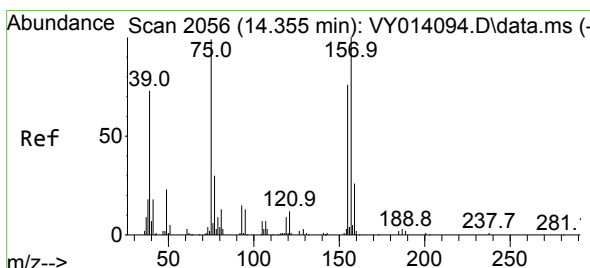
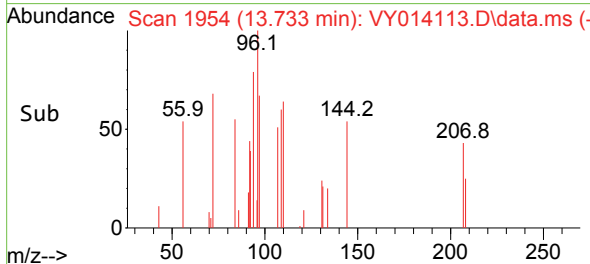
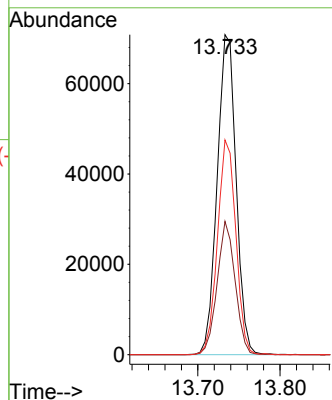
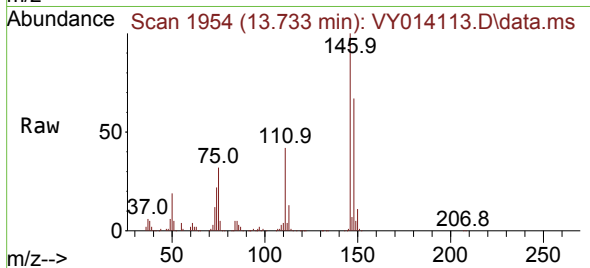
Tgt Ion:146 Resp: 113549

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 65.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.440 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

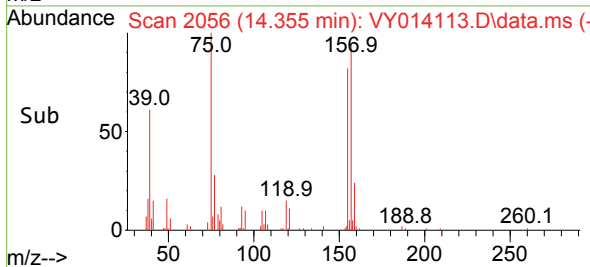
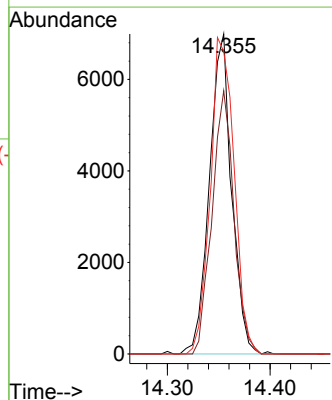
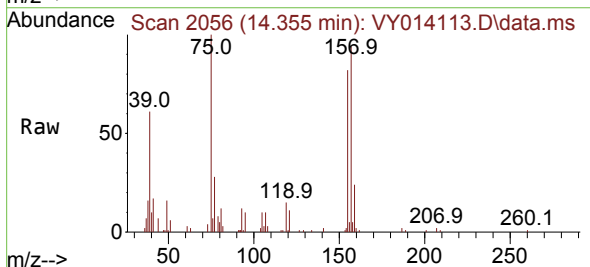
Tgt Ion: 75 Resp: 10535

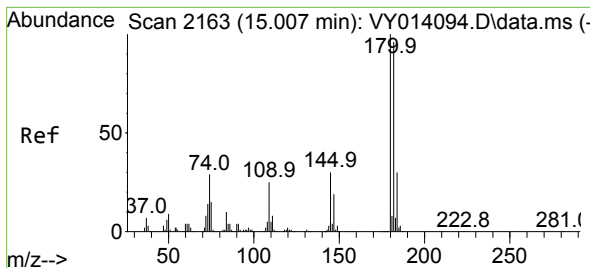
Ion Ratio Lower Upper

75 100

155 80.9 41.5 124.6

157 105.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.043 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

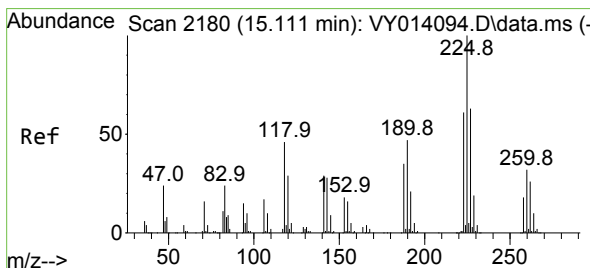
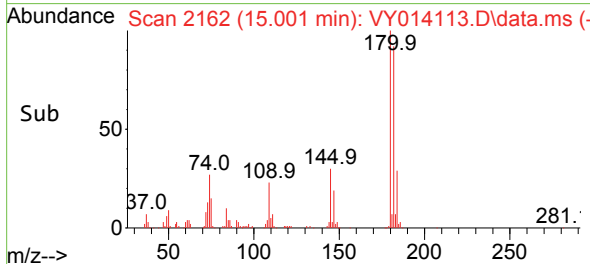
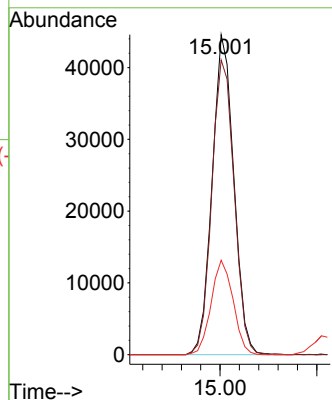
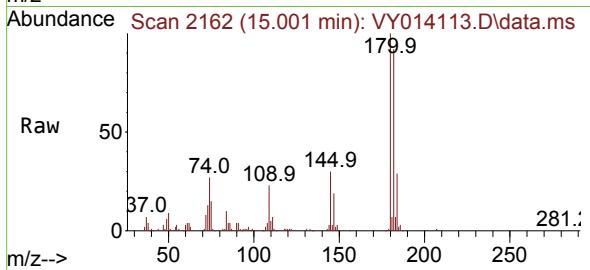
Tgt Ion:180 Resp: 69316

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.371 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

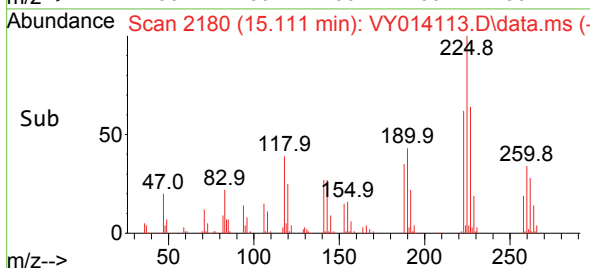
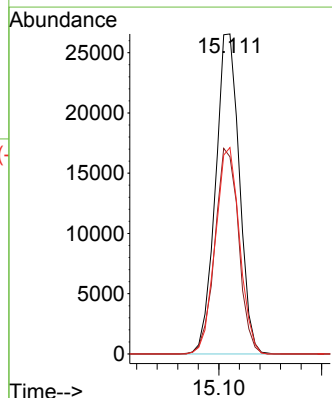
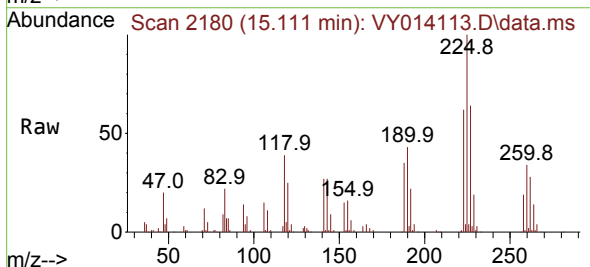
Tgt Ion:225 Resp: 42670

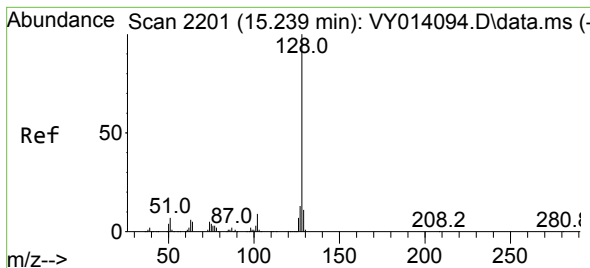
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 65.8 33.0 98.9





#95

Naphthalene

Concen: 18.731 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

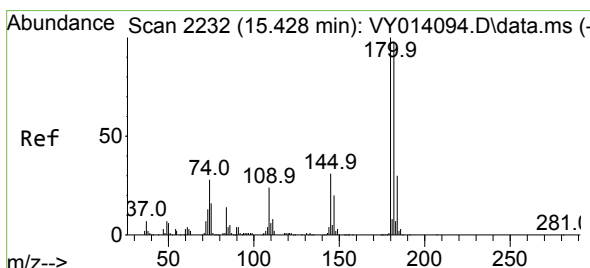
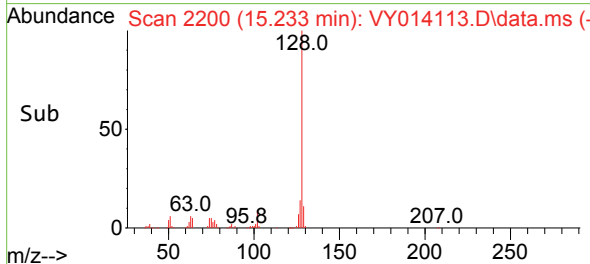
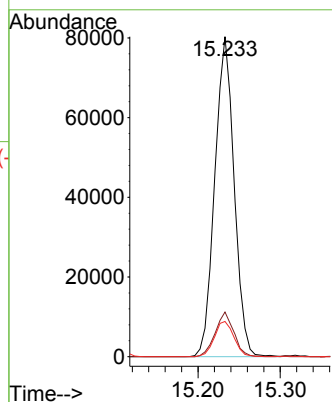
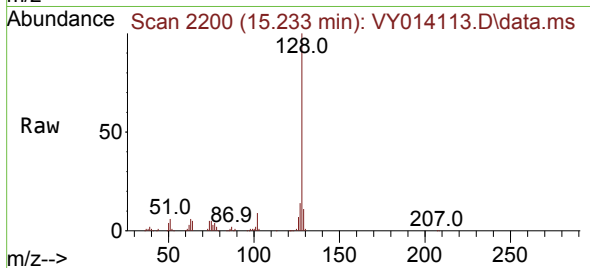
Tgt Ion:128 Resp: 131485

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.275 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014113.D

Acq: 12 Jun 2023 12:24

Tgt Ion:180 Resp: 60237

Ion Ratio Lower Upper

180 100

182 100.1 47.3 141.8

145 32.4 15.4 46.2

