

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014112.D
 Acq On : 12 Jun 2023 12:01
 Operator : KP/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Quant Time: Jun 13 05:39:00 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	192276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126111	47.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.200%
35) Dibromofluoromethane	7.710	113	104699	51.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.179	98	374472	49.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.477	95	140500	51.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50118	23.388	ug/l	96
3) Chloromethane	2.107	50	55717	20.506	ug/l	96
4) Vinyl Chloride	2.247	62	54595	20.667	ug/l	94
5) Bromomethane	2.650	94	47597	21.837	ug/l	94
6) Chloroethane	2.790	64	35692	19.884	ug/l	99
7) Trichlorofluoromethane	3.119	101	94511	22.022	ug/l	99
8) Diethyl Ether	3.521	74	29998	20.933	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	48545	22.413	ug/l	99
10) Methyl Iodide	4.088	142	52039	18.195	ug/l	95
11) Tert butyl alcohol	4.942	59	40237	119.081	ug/l #	97
12) 1,1-Dichloroethene	3.869	96	47019	21.417	ug/l	96
13) Acrolein	3.716	56	19588	145.000	ug/l	90
14) Allyl chloride	4.472	41	75773	19.041	ug/l	97
15) Acrylonitrile	5.161	53	77961	105.474	ug/l	98
16) Acetone	3.948	43	77653	96.216	ug/l	99
17) Carbon Disulfide	4.186	76	141292	19.861	ug/l	100
18) Methyl Acetate	4.472	43	60159	19.204	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	131294	20.277	ug/l	100
20) Methylene Chloride	4.710	84	64529	23.117	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	49704	20.299	ug/l	95
22) Diisopropyl ether	6.112	45	154842	20.322	ug/l	98
23) Vinyl Acetate	6.051	43	456514	101.549	ug/l	99
24) 1,1-Dichloroethane	6.009	63	89958	20.478	ug/l	99
25) 2-Butanone	6.984	43	100848	101.511	ug/l	99
26) 2,2-Dichloropropane	6.972	77	85971	20.836	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	55382	20.219	ug/l	98
28) Bromochloromethane	7.332	49	36912	20.662	ug/l	93
29) Tetrahydrofuran	7.344	42	65794	104.440	ug/l	97
30) Chloroform	7.496	83	96666	20.741	ug/l	97
31) Cyclohexane	7.783	56	74427	20.751	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	88756	21.115	ug/l	99
36) 1,1-Dichloropropene	7.917	75	69697	21.910	ug/l	100
37) Ethyl Acetate	7.069	43	46196	21.047	ug/l	99
38) Carbon Tetrachloride	7.893	117	84108	22.912	ug/l	97
39) Methylcyclohexane	9.179	83	77447	21.943	ug/l	95
40) Benzene	8.155	78	200552	21.201	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	63567	56.747	ug/l #	32
42) 1,2-Dichloroethane	8.234	62	74764	22.350	ug/l	99
43) Isopropyl Acetate	8.270	43	80477	20.919	ug/l #	87
44) Trichloroethene	8.935	130	55130	21.814	ug/l	97
45) 1,2-Dichloropropane	9.209	63	50686	21.096	ug/l	90
46) Dibromomethane	9.301	93	31734	21.457	ug/l	100
47) Bromodichloromethane	9.490	83	74547	21.527	ug/l	97
48) Methyl methacrylate	9.289	41	36519	20.353	ug/l	96
49) 1,4-Dioxane	9.301	88	8569	455.973	ug/l #	42
51) 4-Methyl-2-Pentanone	10.069	43	232135	111.067	ug/l	99
52) Toluene	10.240	92	128937	21.988	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	77119	21.155	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	83729	21.051	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	43242	22.043	ug/l	98
56) Ethyl methacrylate	10.508	69	56991	21.063	ug/l	98
57) 1,3-Dichloropropane	10.788	76	71508	21.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	71940	81.309	ug/l	97
59) 2-Hexanone	10.831	43	164519	108.986	ug/l	98
60) Dibromochloromethane	10.983	129	55995	22.302	ug/l	100
61) 1,2-Dibromoethane	11.087	107	41735	21.557	ug/l	100
64) Tetrachloroethene	10.715	164	50705	21.817	ug/l	96
65) Chlorobenzene	11.514	112	139427	21.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	56774	22.032	ug/l	97
67) Ethyl Benzene	11.587	91	242868	21.178	ug/l	99
68) m/p-Xylenes	11.697	106	189800	43.029	ug/l	98
69) o-Xylene	12.026	106	88236	21.158	ug/l	98
70) Styrene	12.038	104	152570	21.435	ug/l	99
71) Bromoform	12.203	173	38079	21.577	ug/l #	99
73) Isopropylbenzene	12.325	105	231539	20.201	ug/l	99
74) N-amyl acetate	12.142	43	75308	20.733	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	52909	20.658	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	73670	37.372	ug/l #	100
77) Bromobenzene	12.605	156	62511	20.750	ug/l	94
78) n-propylbenzene	12.666	91	292435	20.888	ug/l	100
79) 2-Chlorotoluene	12.751	91	164360	20.403	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	201959	20.578	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18940	20.769	ug/l	96
82) 4-Chlorotoluene	12.849	91	176200	20.641	ug/l	99
83) tert-Butylbenzene	13.074	119	174581	20.933	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	202504	20.845	ug/l	100
85) sec-Butylbenzene	13.251	105	254268	20.970	ug/l	100
86) p-Isopropyltoluene	13.367	119	216299	20.843	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	119962	20.856	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	120120	20.727	ug/l	99
89) n-Butylbenzene	13.690	91	198266	20.599	ug/l	99
90) Hexachloroethane	13.958	117	43310	20.944	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	109726	21.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10409	21.342	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	65559	20.033	ug/l	98
94) Hexachlorobutadiene	15.105	225	41362	21.892	ug/l	99
95) Naphthalene	15.233	128	131839	19.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60096	20.322	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

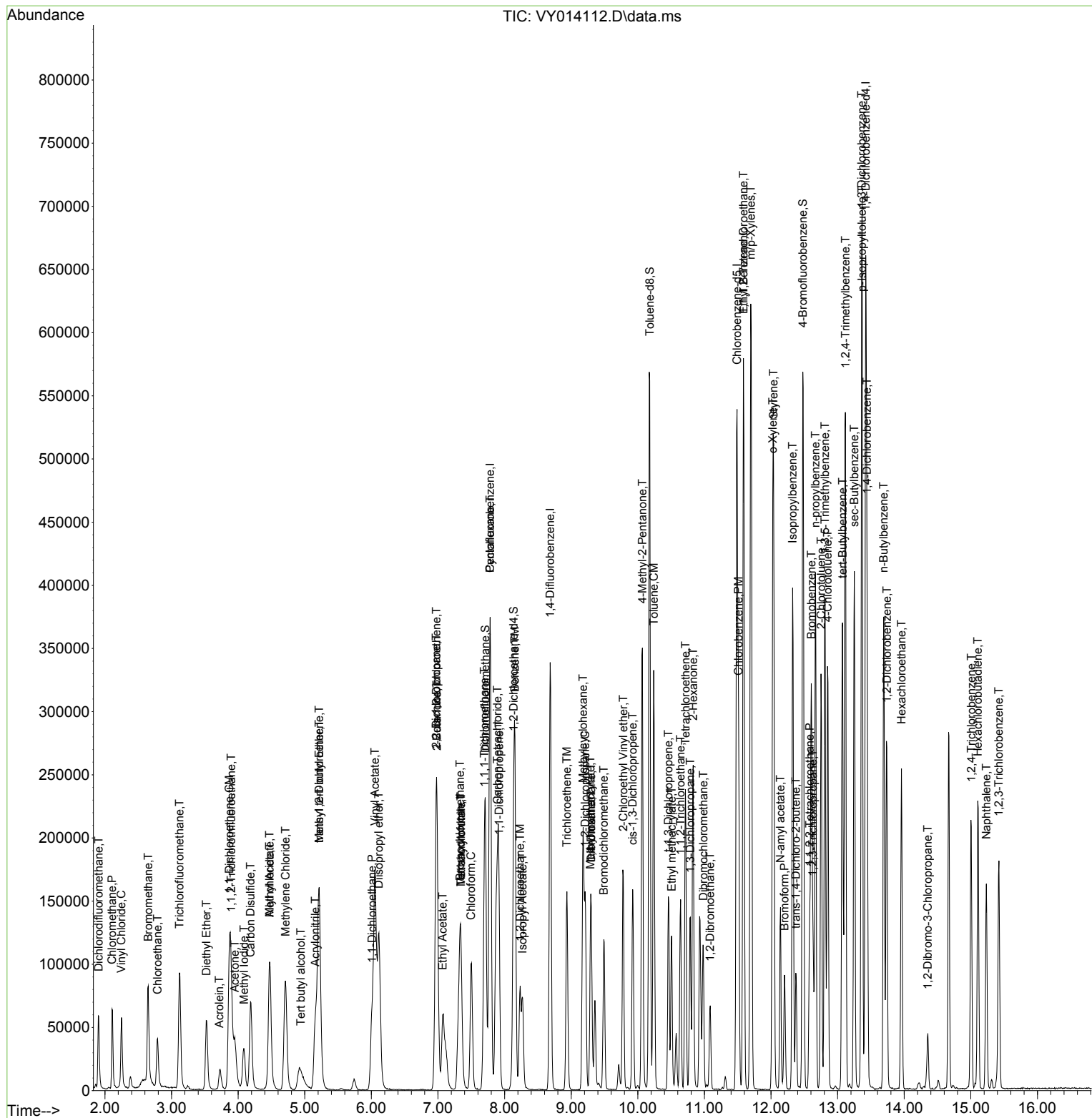
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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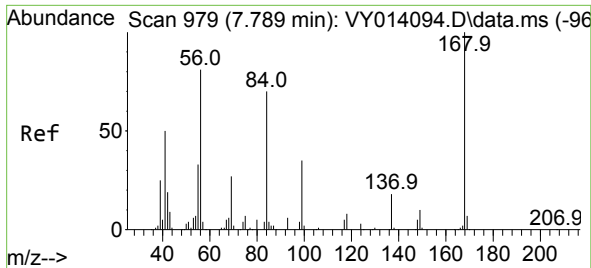
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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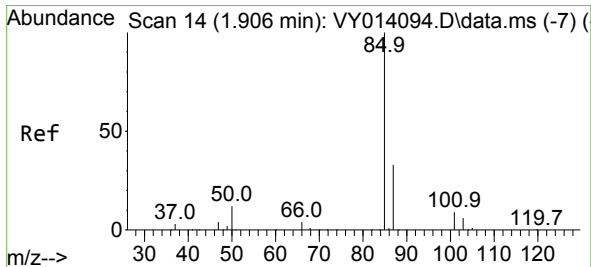
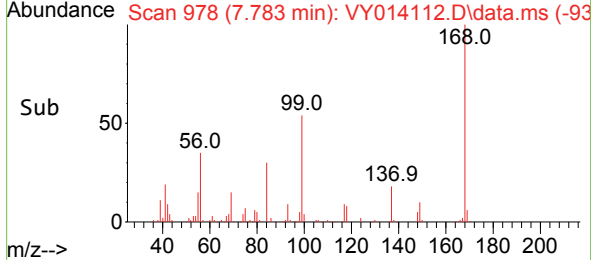
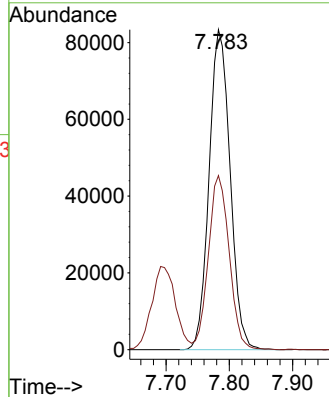
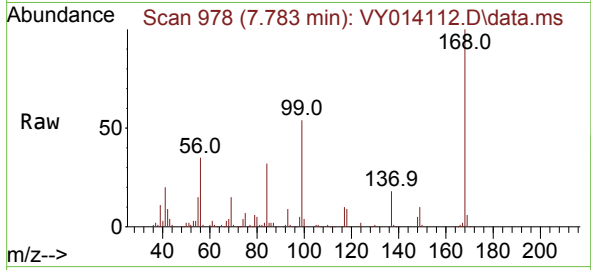




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014112.D
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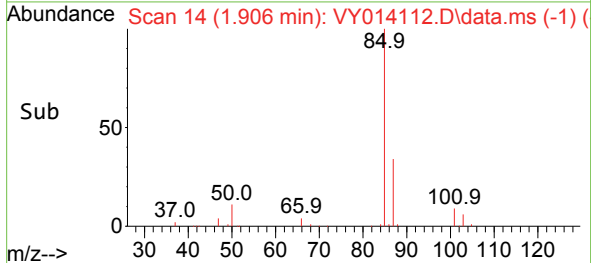
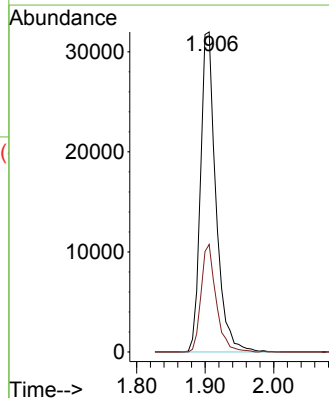
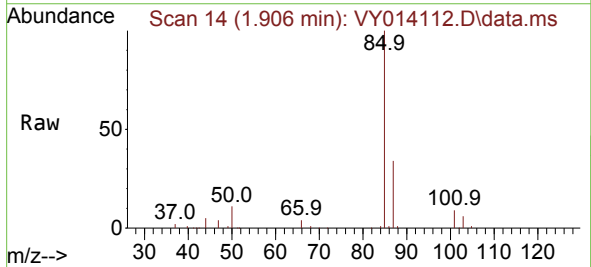
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

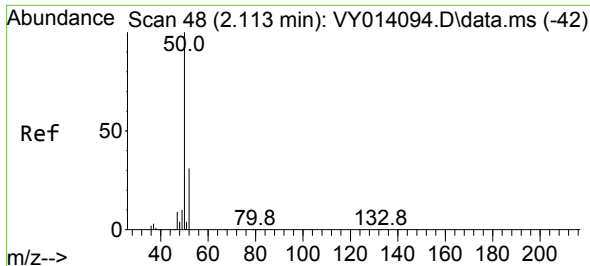
Tgt Ion:168 Resp: 192276
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.388 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 85 Resp: 50118
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8

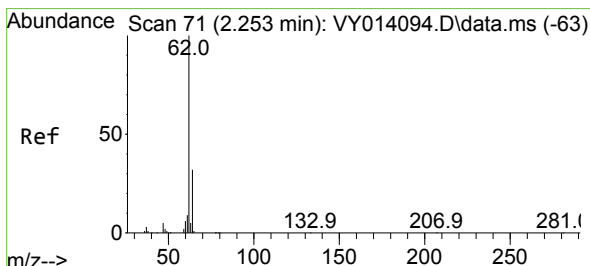
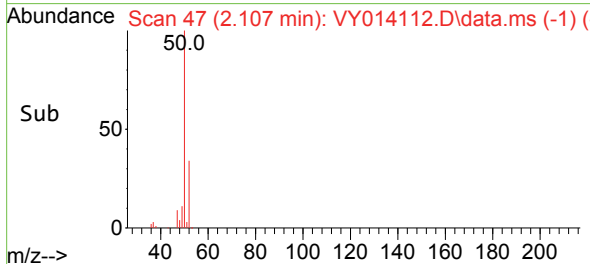
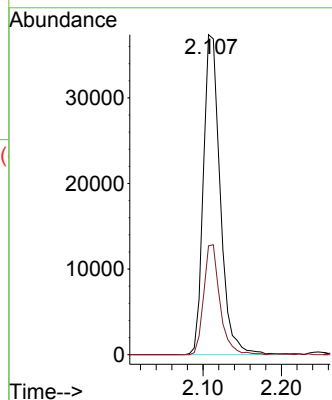
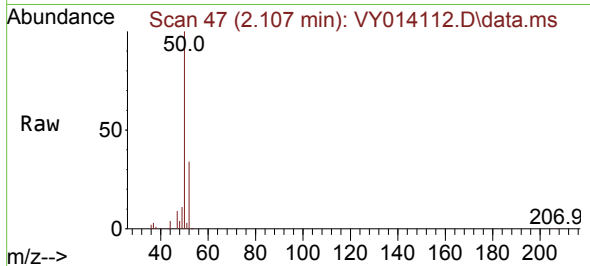




#3
Chloromethane
Concen: 20.506 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

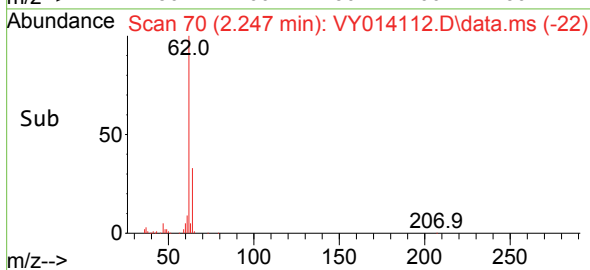
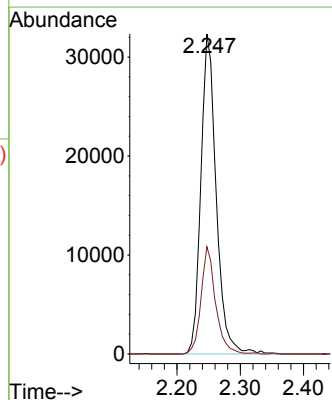
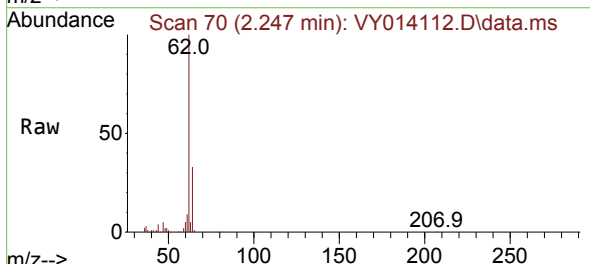
Instrument :
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ClientSampleId :
VY0612SBS01

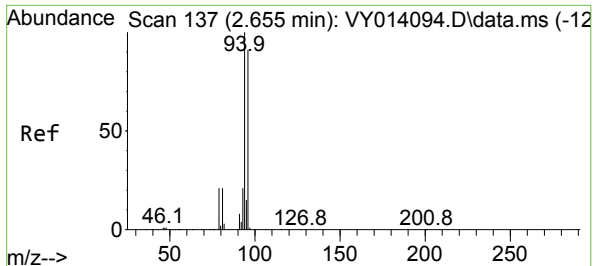
Tgt Ion: 50 Resp: 55717
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 20.667 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 62 Resp: 54595
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5

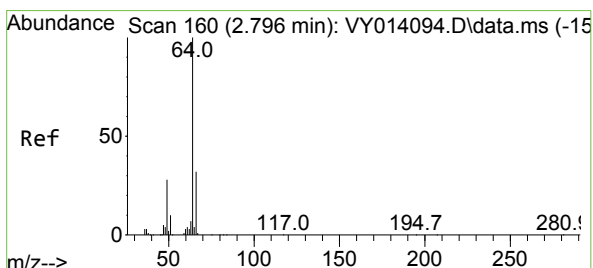
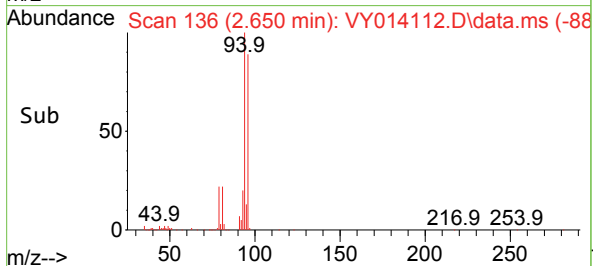
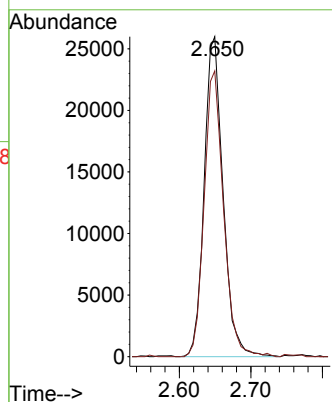
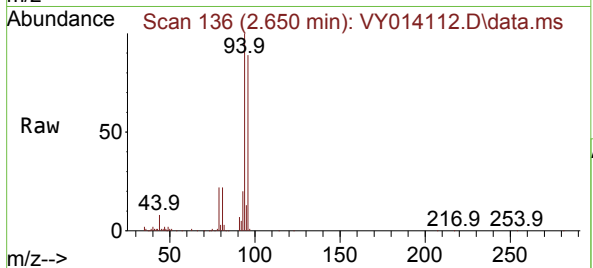




#5
Bromomethane
Concen: 21.837 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

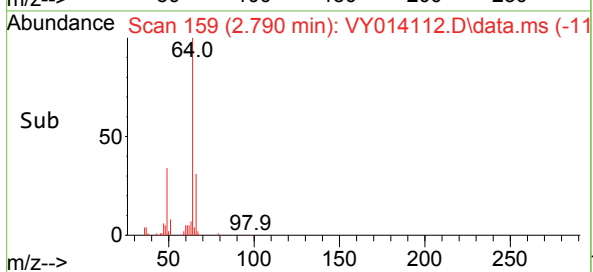
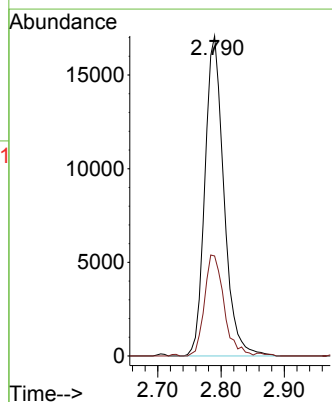
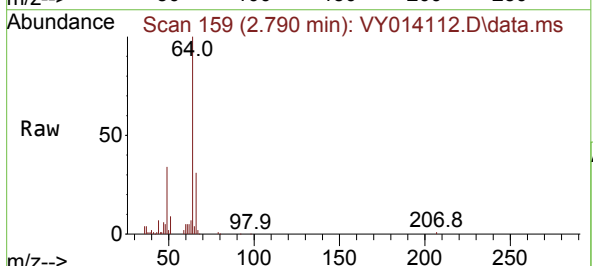
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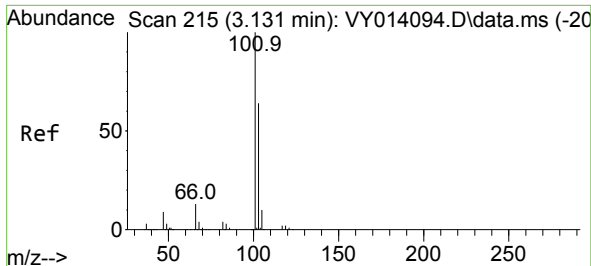
Tgt Ion: 94 Resp: 47597
Ion Ratio Lower Upper
94 100
96 89.3 75.8 113.6



#6
Chloroethane
Concen: 19.884 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 64 Resp: 35692
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6

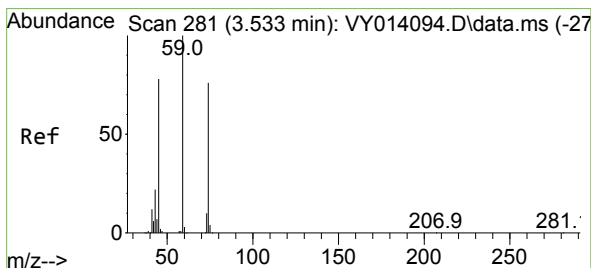
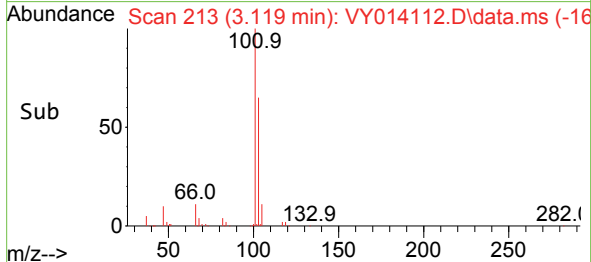
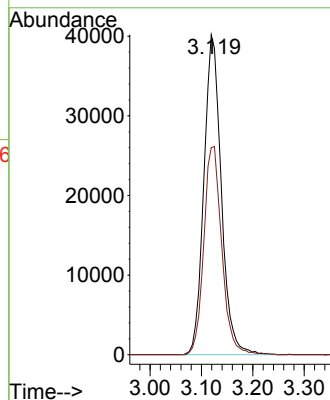
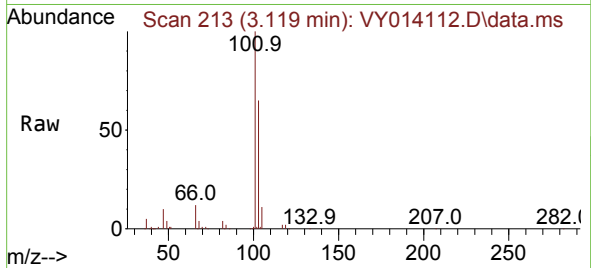




#7
Trichlorofluoromethane
Concen: 22.022 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

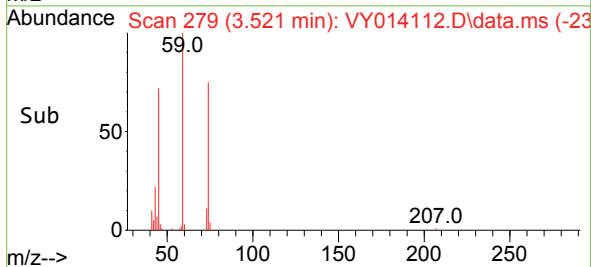
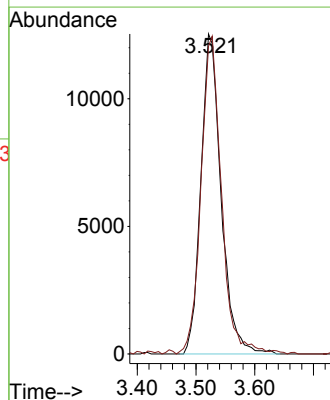
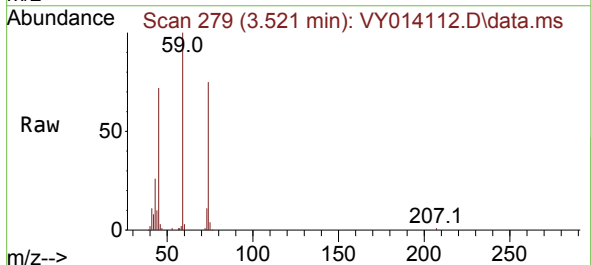
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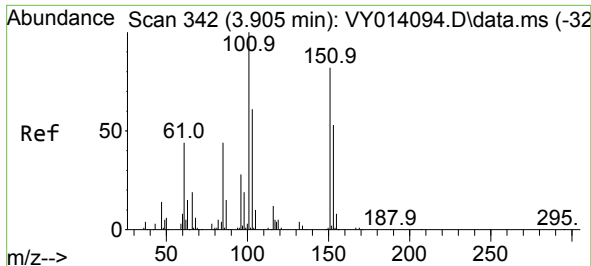
Tgt Ion:101 Resp: 94511
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0



#8
Diethyl Ether
Concen: 20.933 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 29998
Ion Ratio Lower Upper
74 100
45 100.1 51.5 154.5

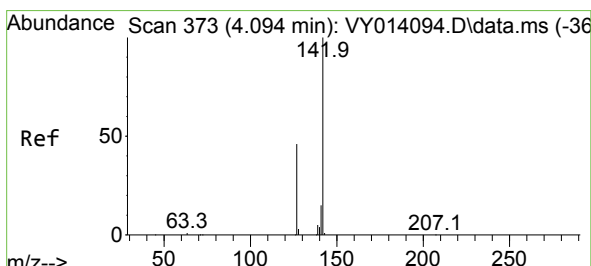
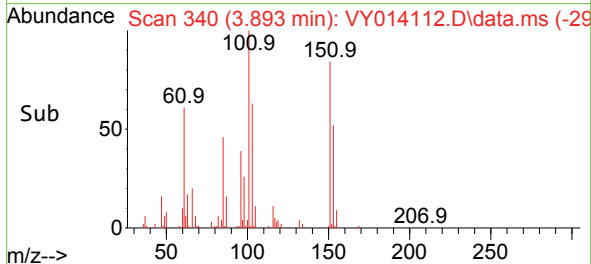
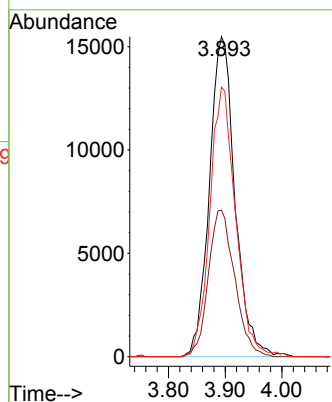
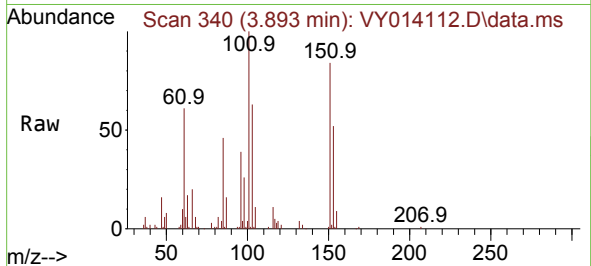




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.413 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

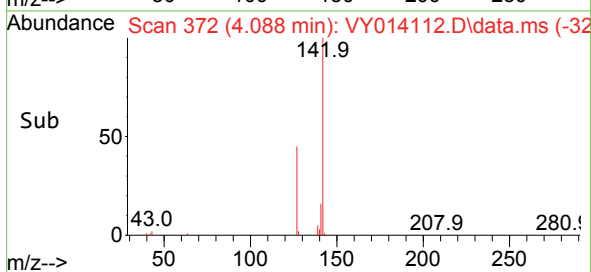
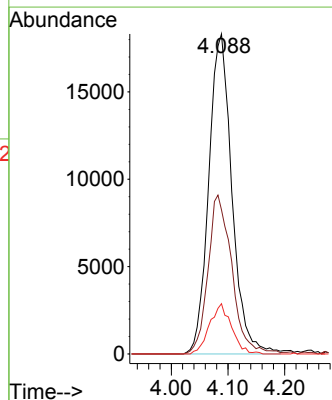
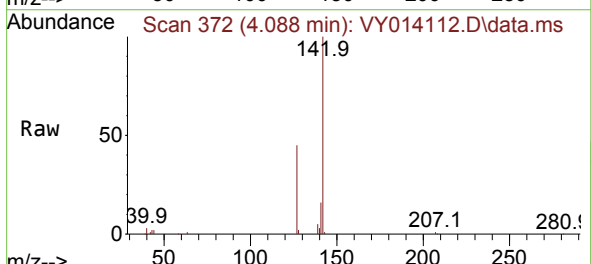
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

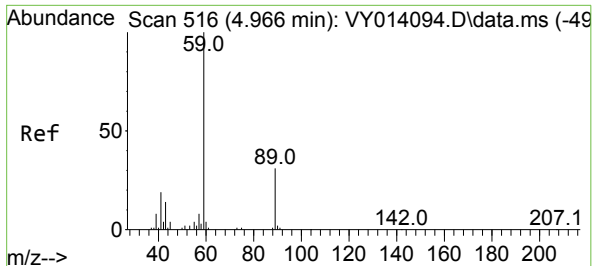
Tgt Ion:101 Resp: 48545
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 84.7 67.0 100.6



#10
Methyl Iodide
Concen: 18.195 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion:142 Resp: 52039
Ion Ratio Lower Upper
142 100
127 51.1 37.6 56.4
141 14.9 11.8 17.8

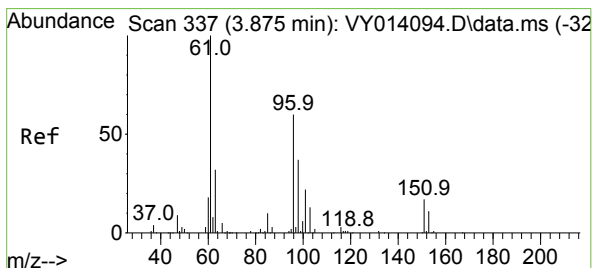
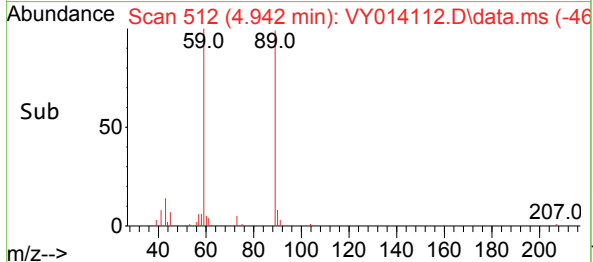
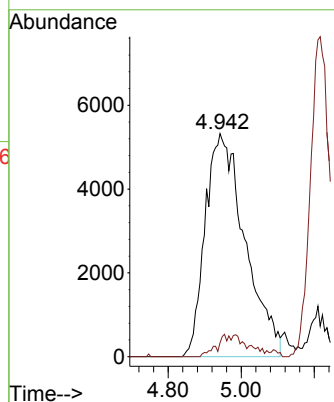
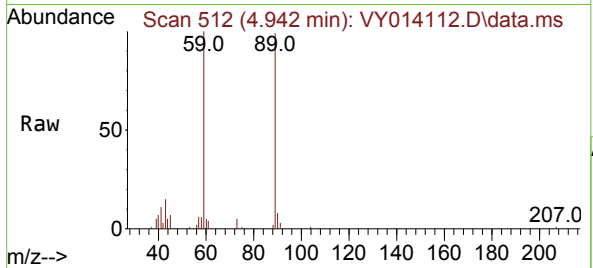




#11
Tert butyl alcohol
Concen: 119.081 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

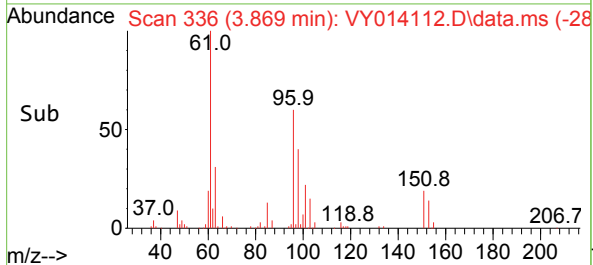
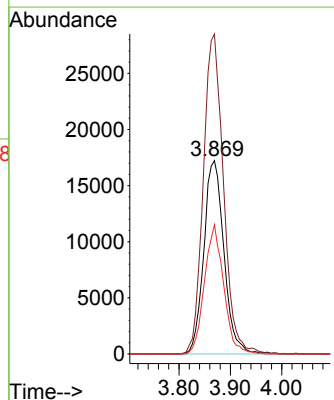
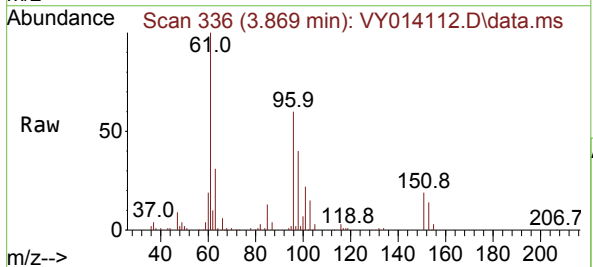
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

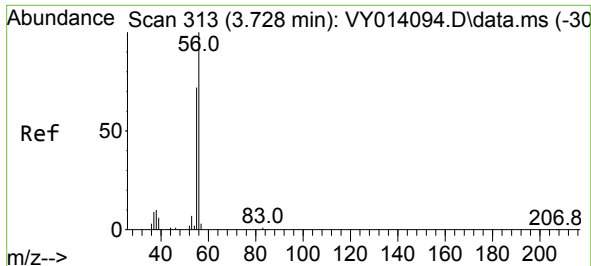
Tgt Ion: 59 Resp: 40237
Ion Ratio Lower Upper
59 100
57 2.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.417 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 96 Resp: 47019
Ion Ratio Lower Upper
96 100
61 165.6 136.4 204.6
98 66.9 49.4 74.2





#13

Acrolein

Concen: 145.000 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.012 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

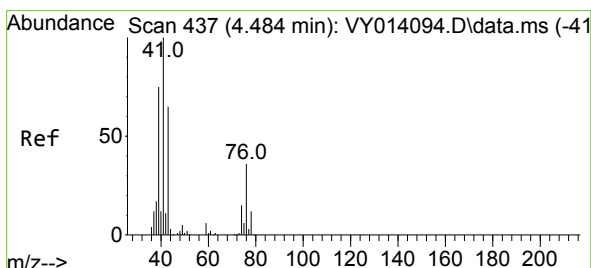
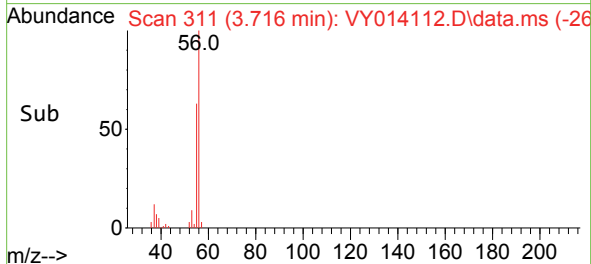
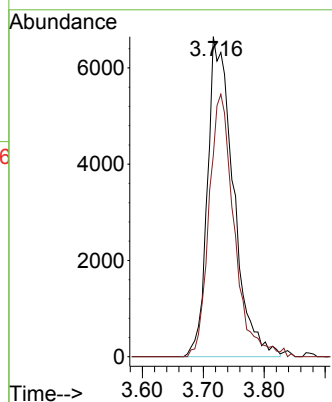
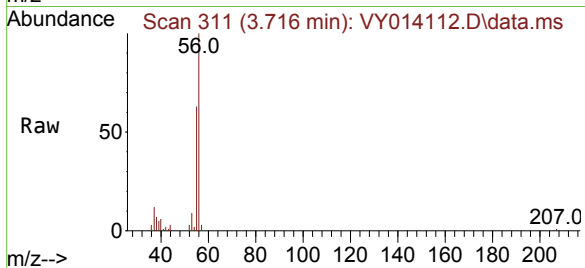
VY0612SBS01

Tgt Ion: 56 Resp: 19588

Ion Ratio Lower Upper

56 100

55 79.9 57.0 85.4



#14

Allyl chloride

Concen: 19.041 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

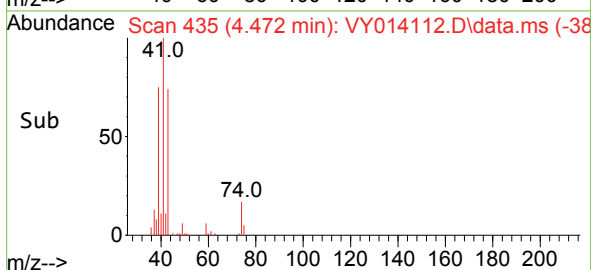
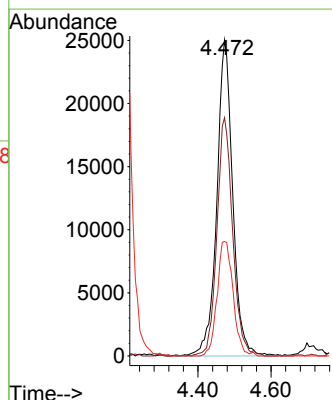
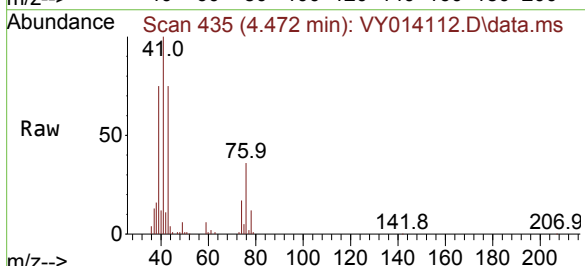
Tgt Ion: 41 Resp: 75773

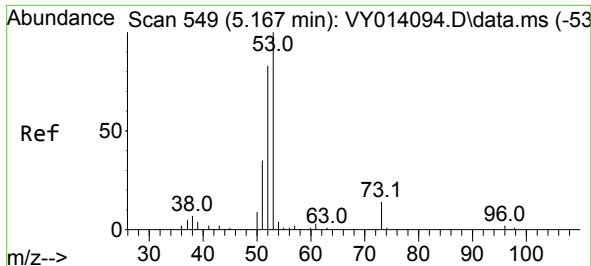
Ion Ratio Lower Upper

41 100

39 74.8 58.0 87.0

76 36.2 27.4 41.2

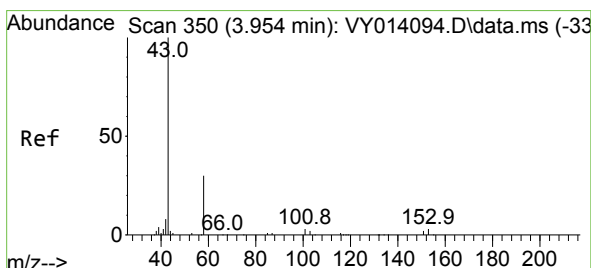
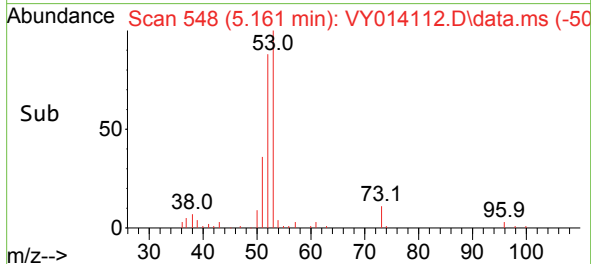
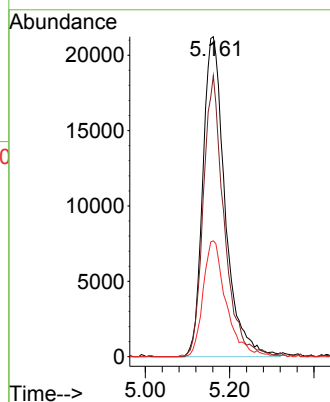
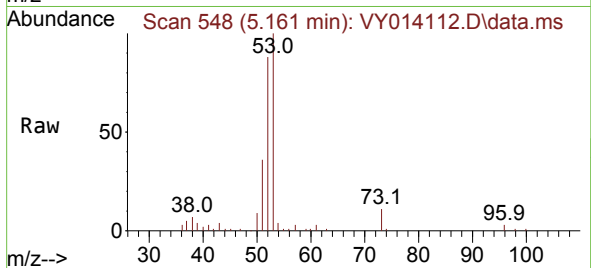




#15
Acrylonitrile
Concen: 105.474 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

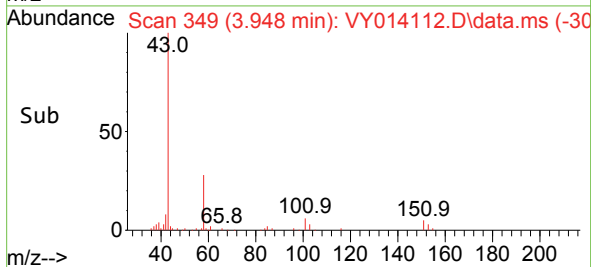
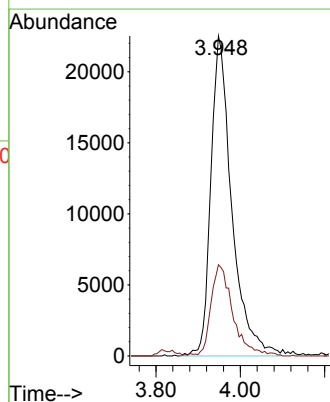
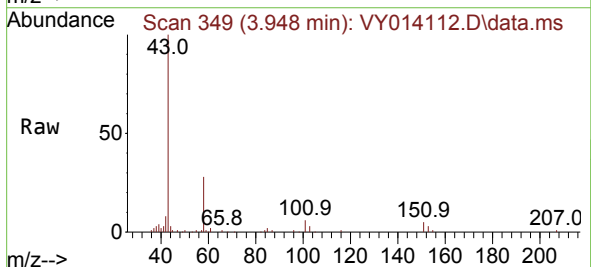
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

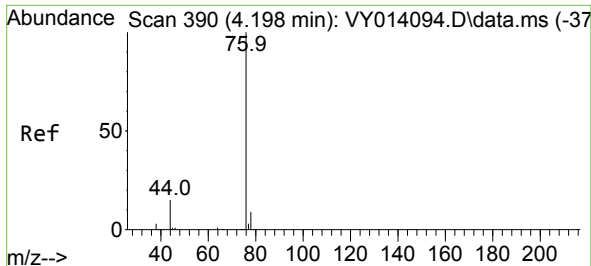
Tgt Ion: 53	Resp: 77961
Ion Ratio	Lower Upper
53 100	
52 81.9	66.9 100.3
51 37.7	29.8 44.6



#16
Acetone
Concen: 96.216 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 43	Resp: 77653
Ion Ratio	Lower Upper
43 100	
58 28.1	22.7 34.1

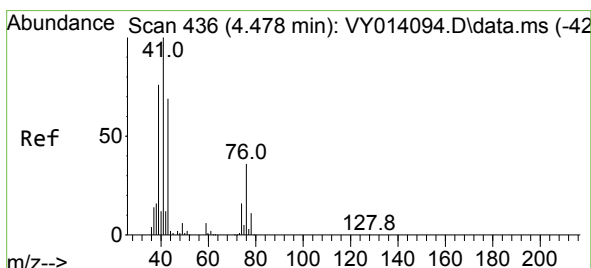
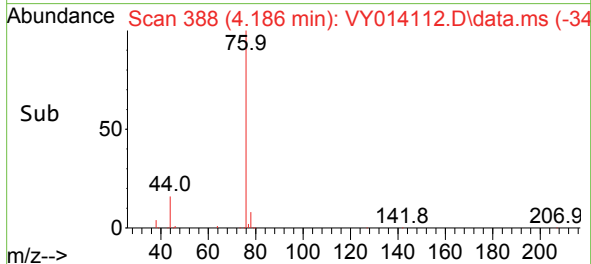
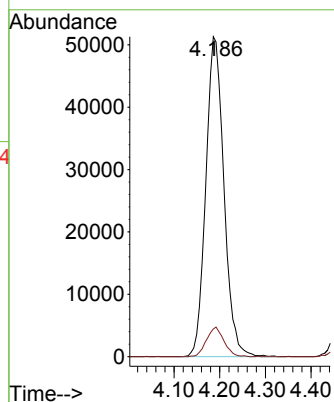
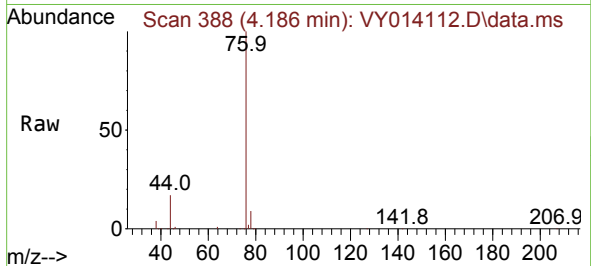




#17
Carbon Disulfide
Concen: 19.861 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

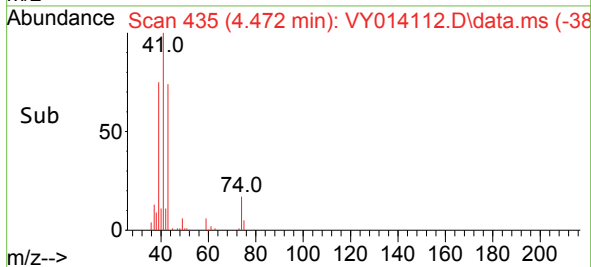
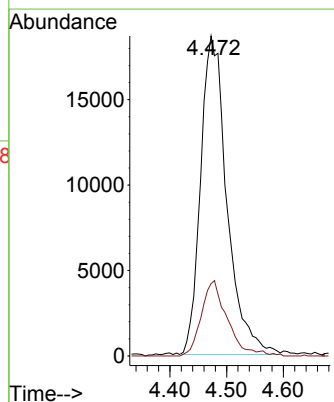
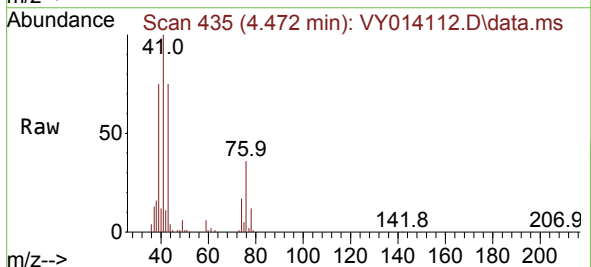
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

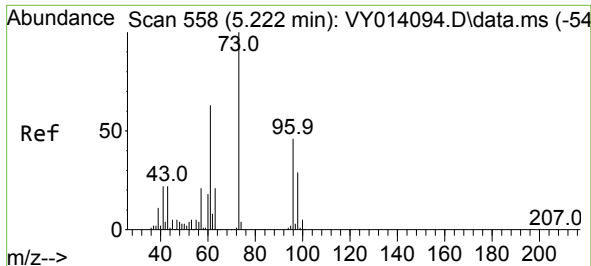
Tgt Ion: 76 Resp: 141292
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 19.204 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 43 Resp: 60159
Ion Ratio Lower Upper
43 100
74 23.4 17.4 26.0

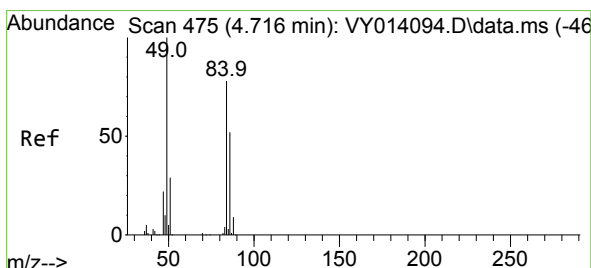
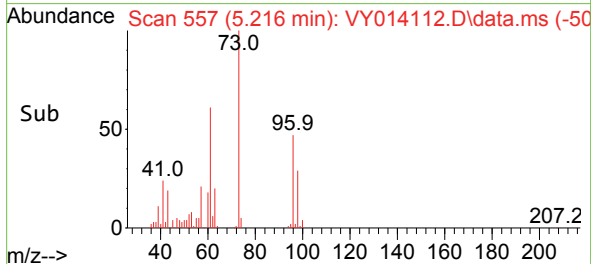
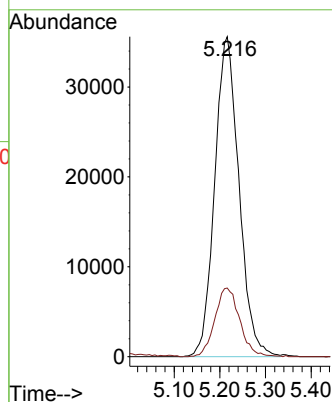
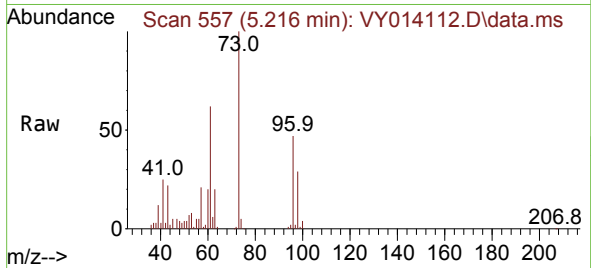




#19
Methyl tert-butyl Ether
Concen: 20.277 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

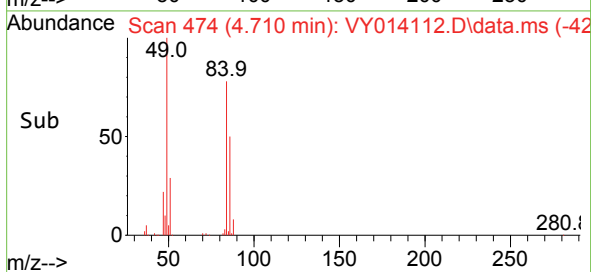
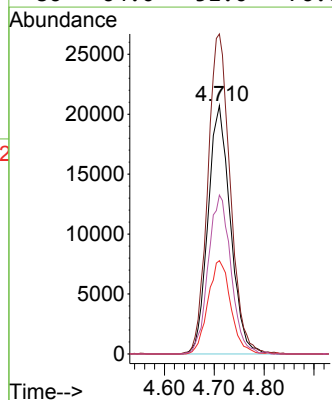
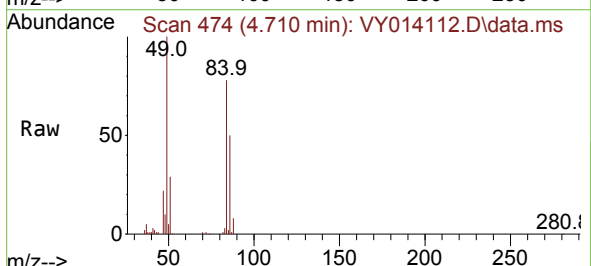
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

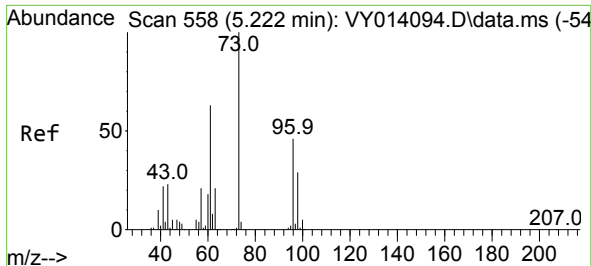
Tgt Ion: 73 Resp: 131294
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 23.117 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 84 Resp: 64529
Ion Ratio Lower Upper
84 100
49 128.8 106.9 160.3
51 37.6 33.2 49.8
86 64.0 51.0 76.6

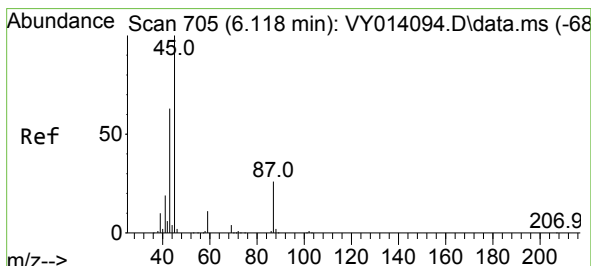
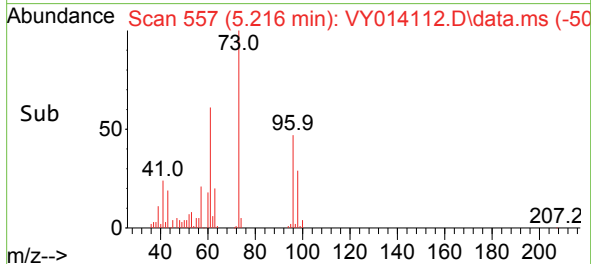
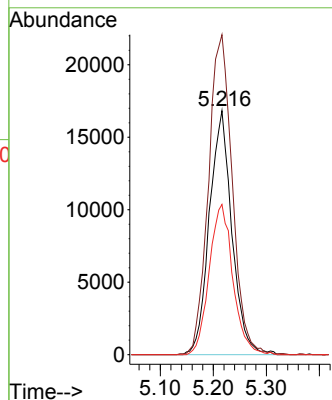
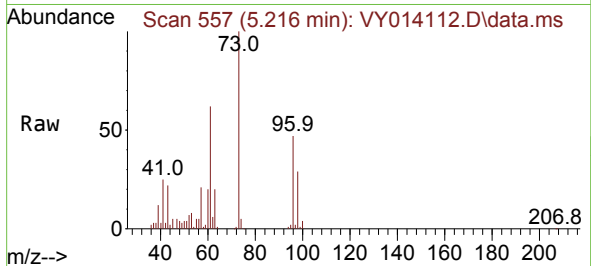




#21
trans-1,2-Dichloroethene
Concen: 20.299 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

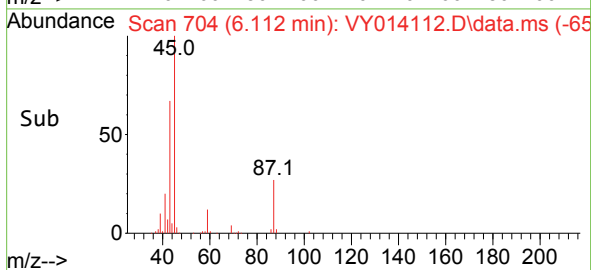
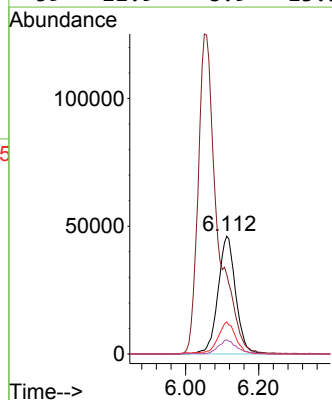
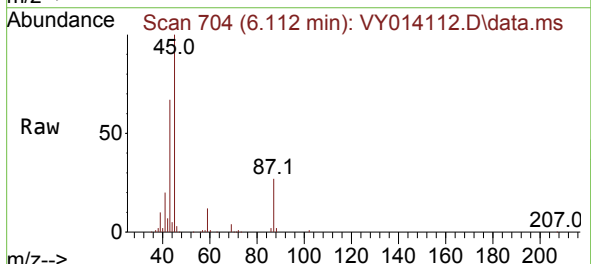
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

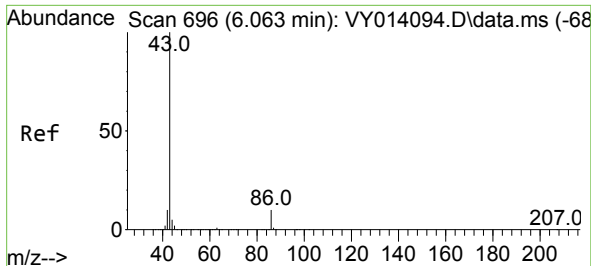
Tgt Ion: 96 Resp: 49704
Ion Ratio Lower Upper
96 100
61 130.7 110.2 165.4
98 61.5 51.8 77.6



#22
Diisopropyl ether
Concen: 20.322 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 45 Resp: 154842
Ion Ratio Lower Upper
45 100
43 67.4 52.2 78.4
87 27.1 21.0 31.6
59 11.9 8.9 13.3

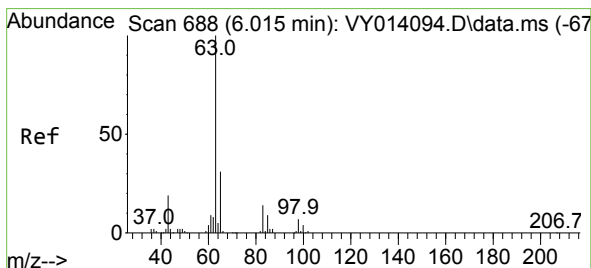
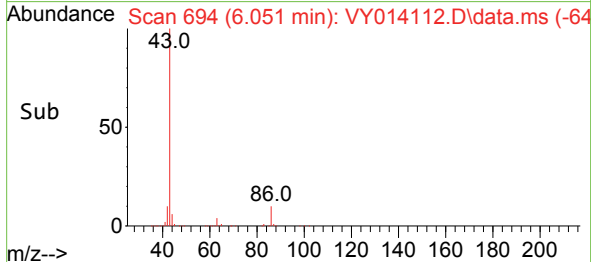
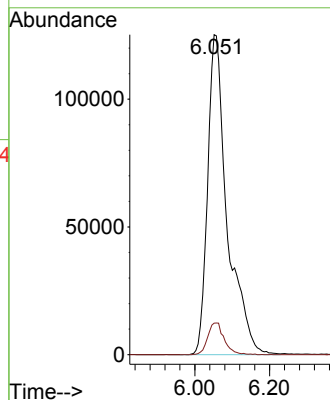
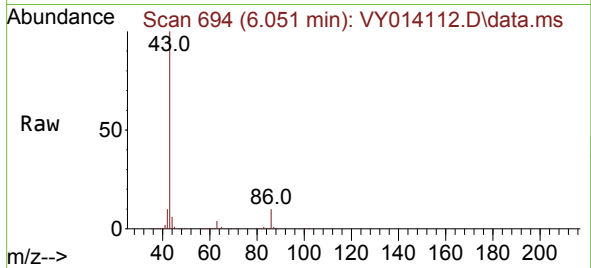




#23
 Vinyl Acetate
 Concen: 101.549 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014112.D
 Acq: 12 Jun 2023 12:01

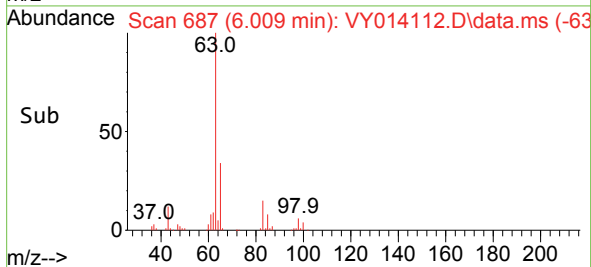
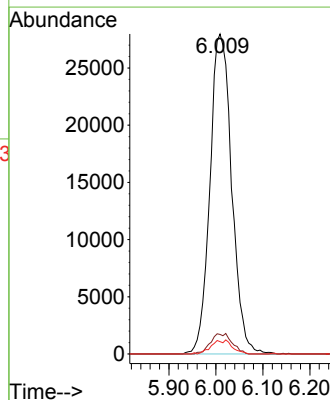
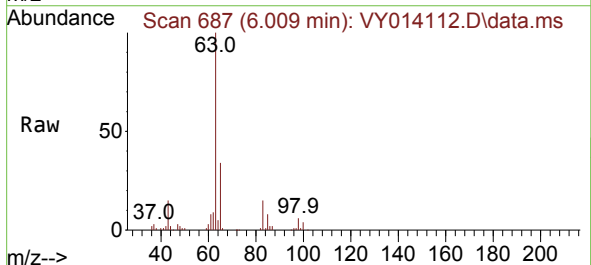
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

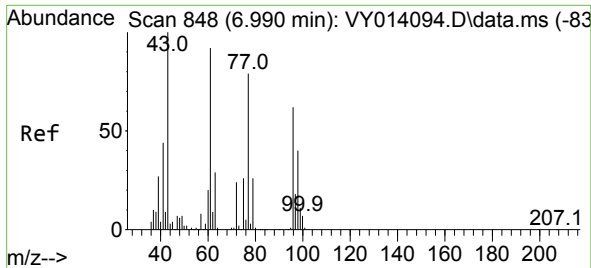
Tgt Ion: 43 Resp: 456514
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.478 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014112.D
 Acq: 12 Jun 2023 12:01

Tgt Ion: 63 Resp: 89958
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 3.9 1.8 5.5

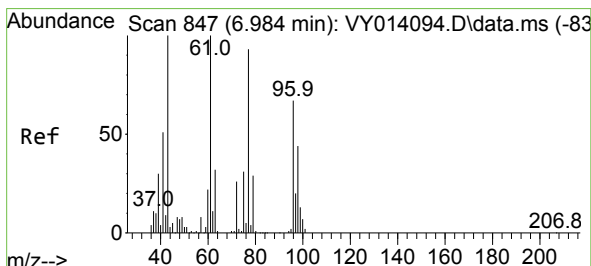
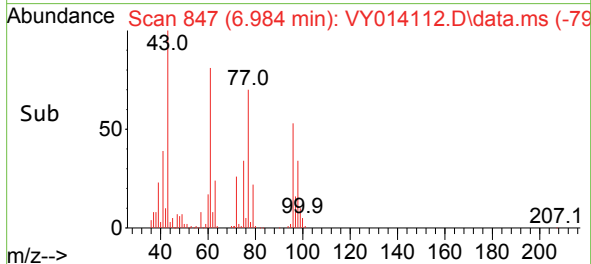
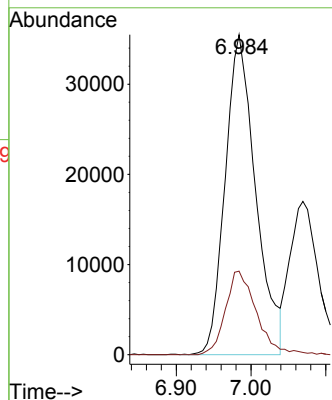
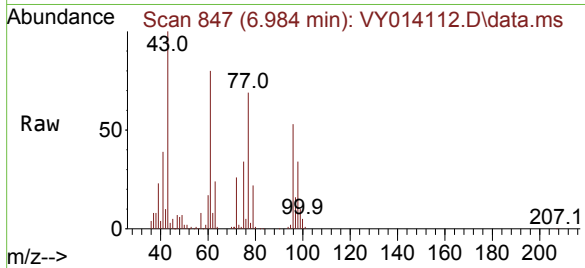




#25
2-Butanone
Concen: 101.511 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

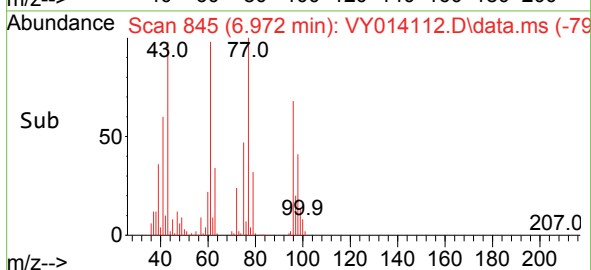
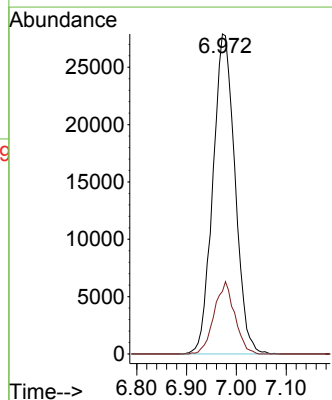
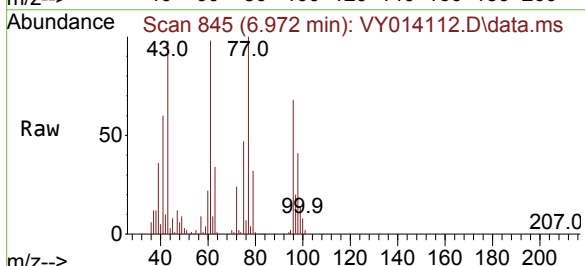
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

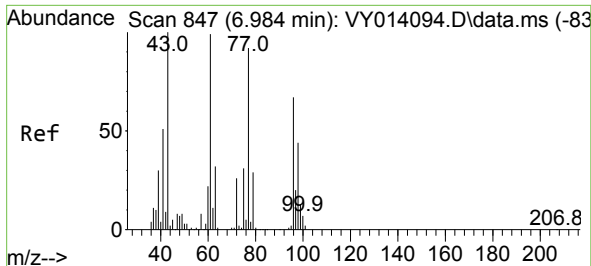
Tgt Ion: 43 Resp: 100848
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.836 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 77 Resp: 85971
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.219 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

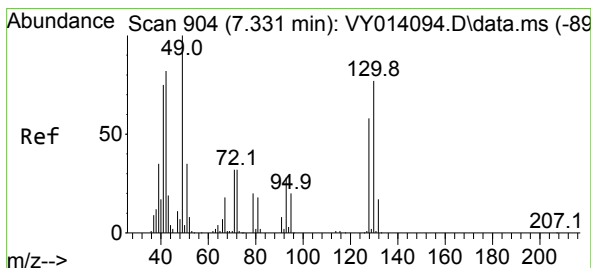
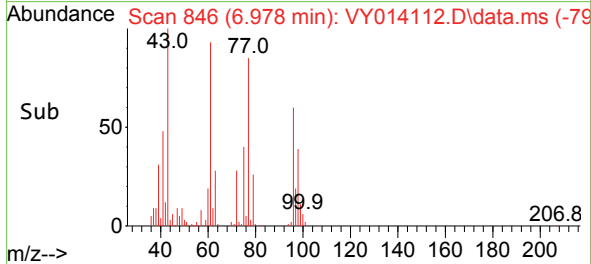
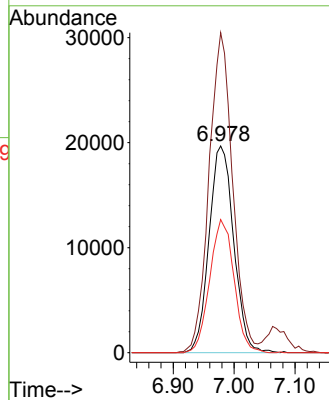
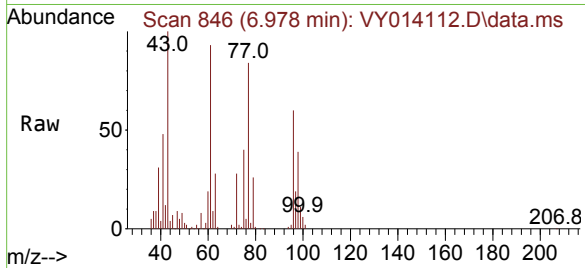
Tgt Ion: 96 Resp: 55382

Ion Ratio Lower Upper

96 100

61 148.5 0.0 301.4

98 63.4 0.0 130.4



#28

Bromochloromethane

Concen: 20.662 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

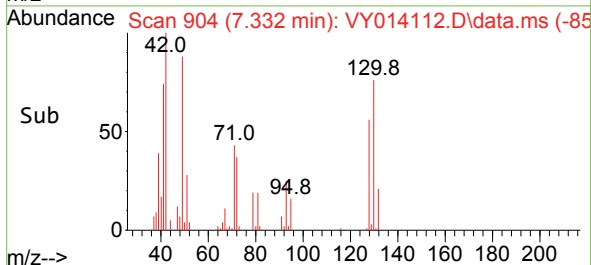
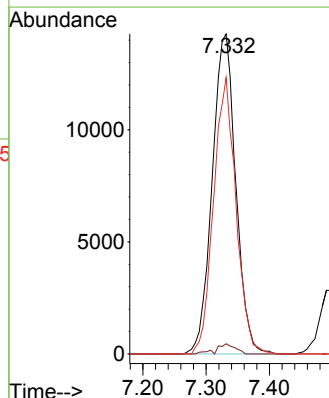
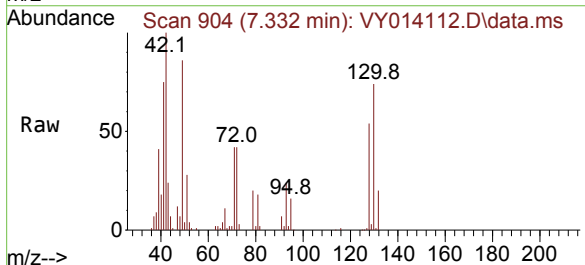
Tgt Ion: 49 Resp: 36912

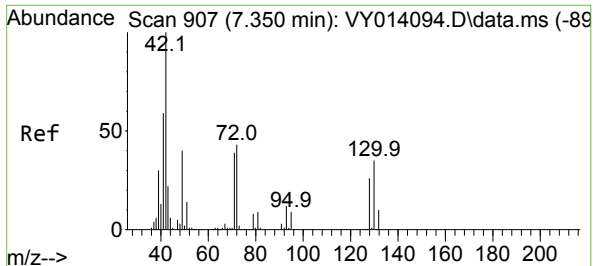
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 82.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.440 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

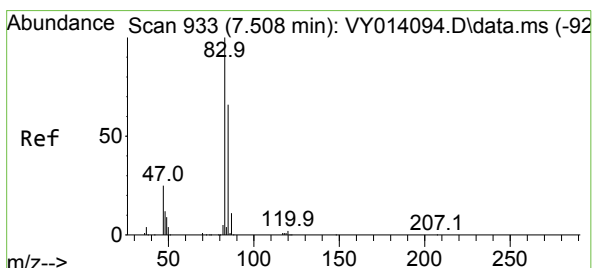
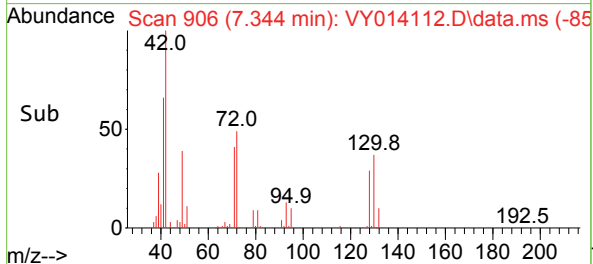
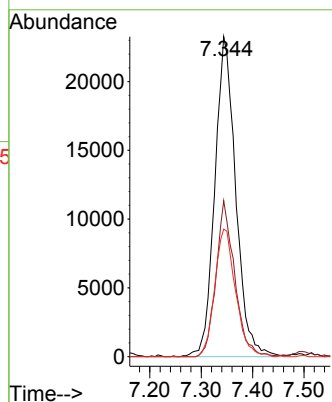
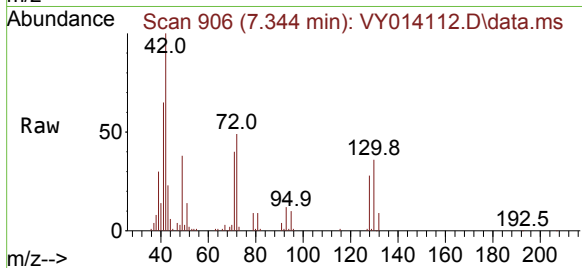
Tgt Ion: 42 Resp: 65794

Ion Ratio Lower Upper

42 100

72 43.5 32.8 49.2

71 39.8 31.0 46.4



#30

Chloroform

Concen: 20.741 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014112.D

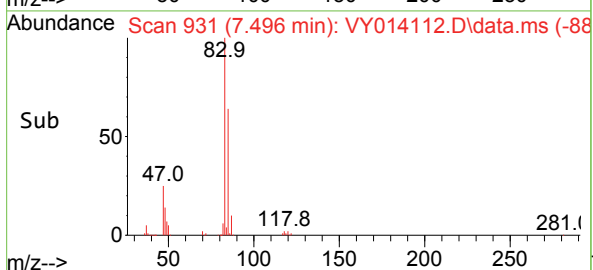
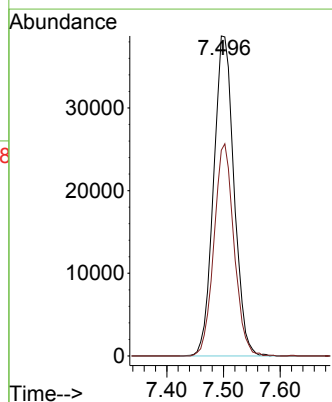
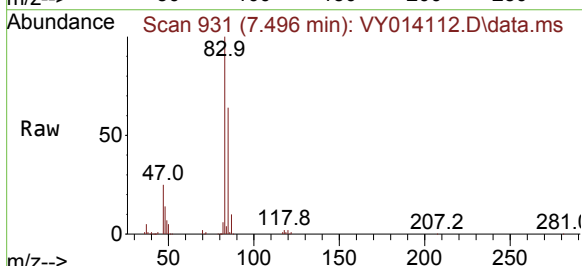
Acq: 12 Jun 2023 12:01

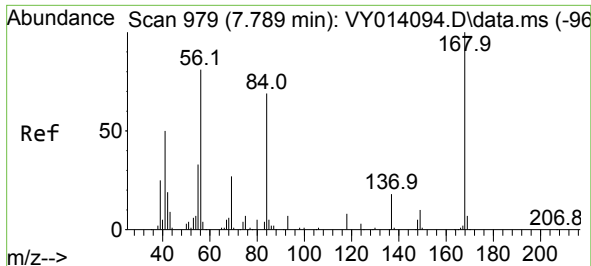
Tgt Ion: 83 Resp: 96666

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5

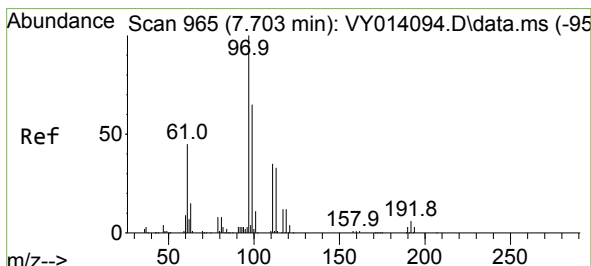
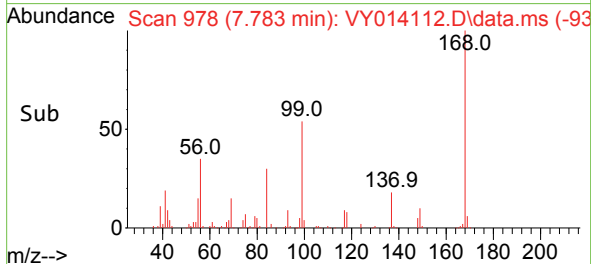
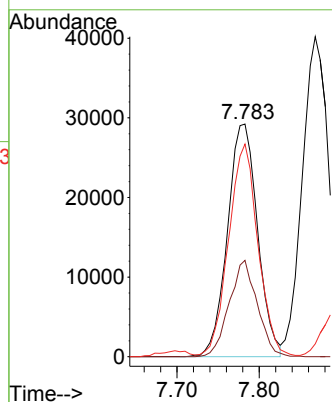
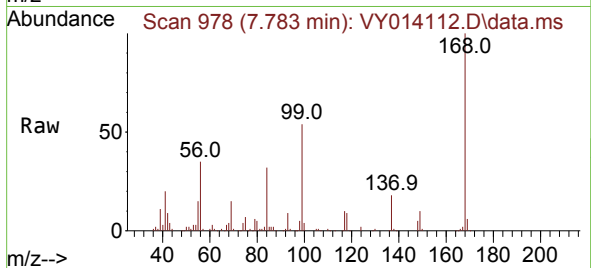




#31
Cyclohexane
Concen: 20.751 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

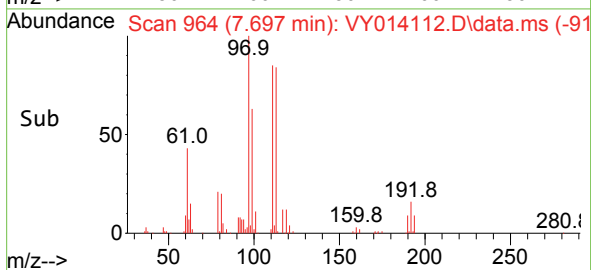
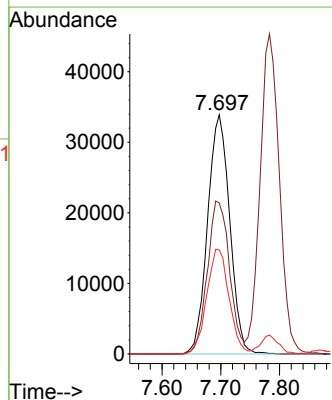
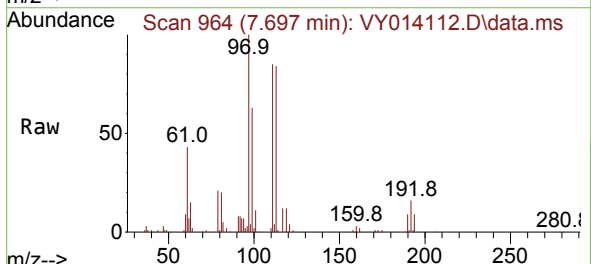
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

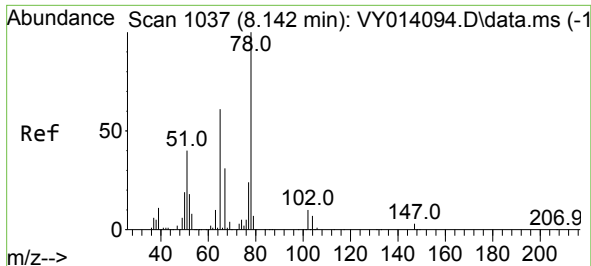
Tgt Ion: 56 Resp: 74427
Ion Ratio Lower Upper
56 100
69 41.4 27.8 41.6
84 89.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.115 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 97 Resp: 88756
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 44.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.101 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

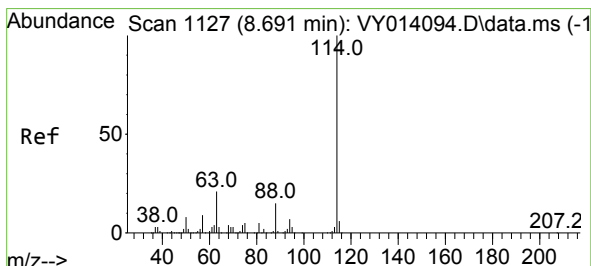
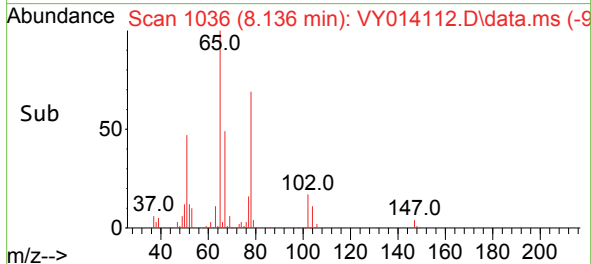
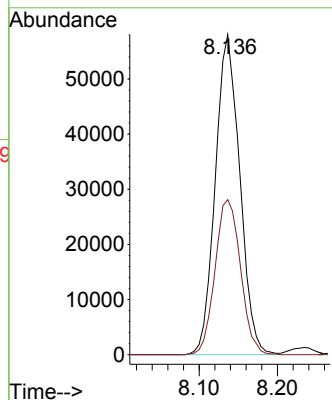
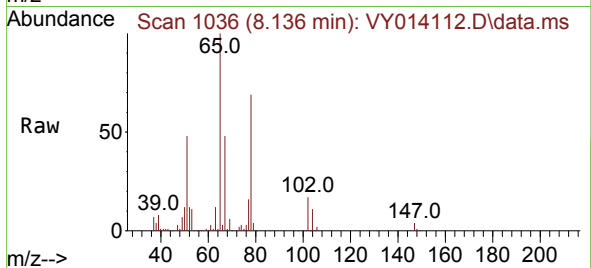
VY0612SBS01

Tgt Ion: 65 Resp: 126111

Ion Ratio Lower Upper

65 100

67 50.4 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: VY014112.D

Acq: 12 Jun 2023 12:01

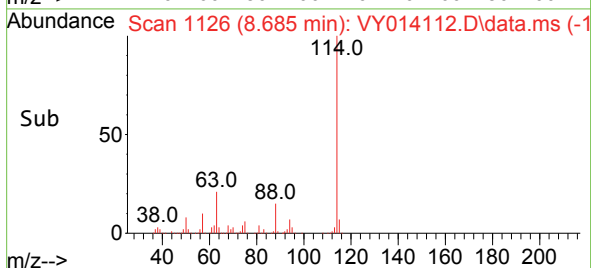
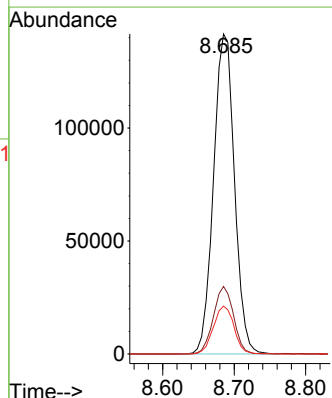
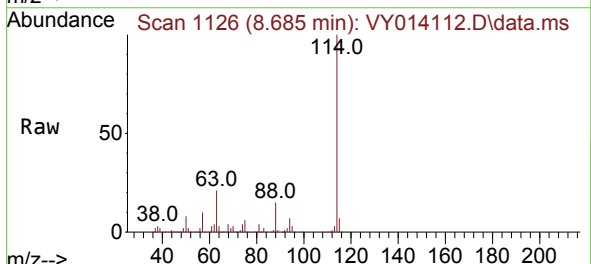
Tgt Ion: 114 Resp: 287724

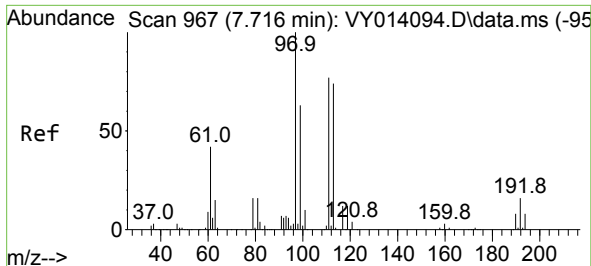
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 15.0 0.0 30.6

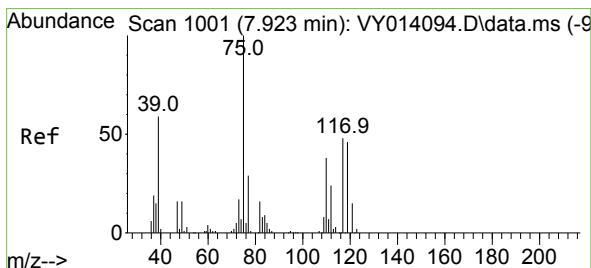
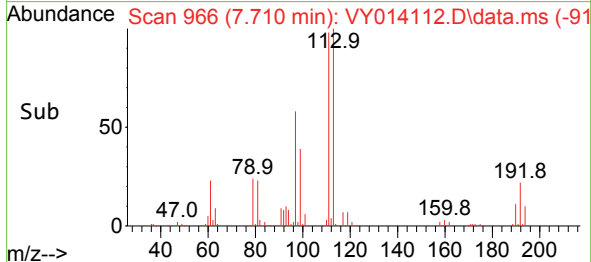
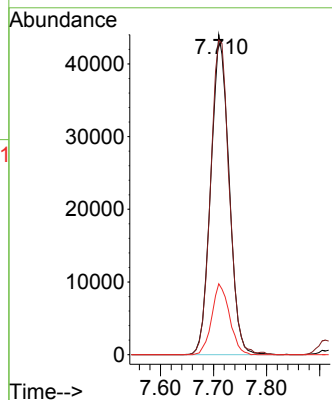
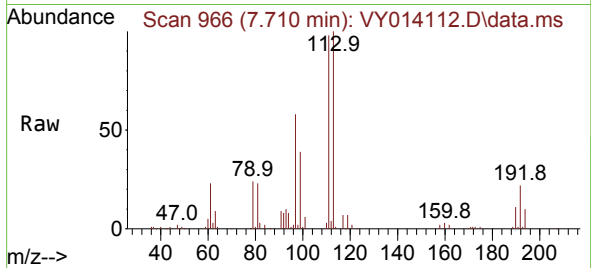




#35
Dibromofluoromethane
Concen: 51.311 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

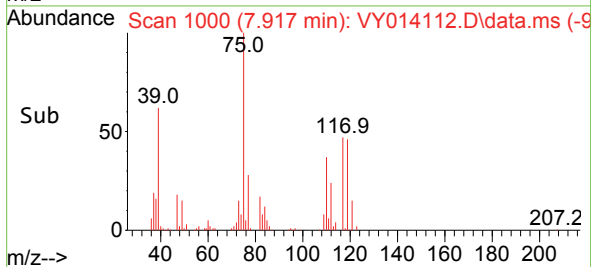
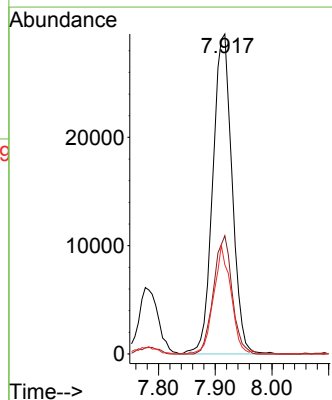
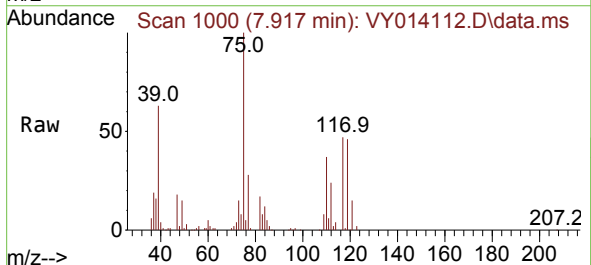
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

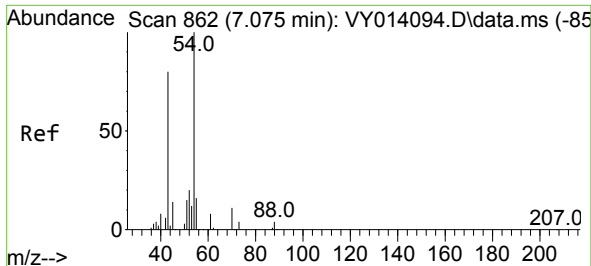
Tgt Ion:113 Resp: 104699
Ion Ratio Lower Upper
113 100
111 100.7 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.910 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 75 Resp: 69697
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.6 24.4 36.6

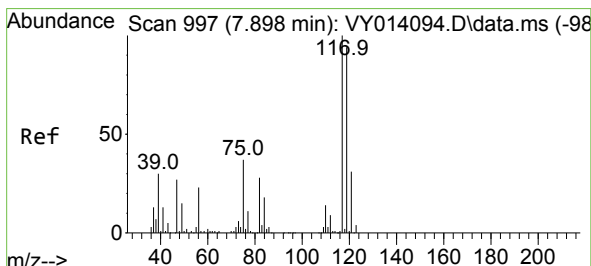
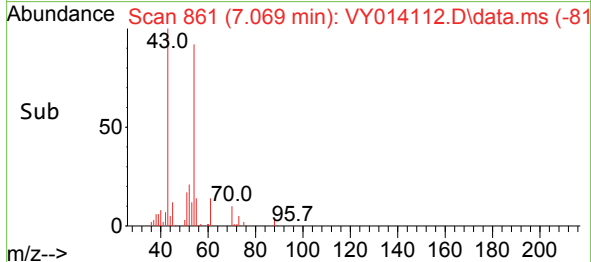
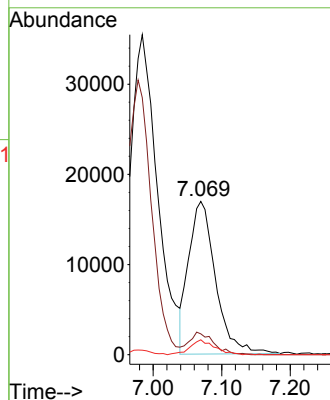
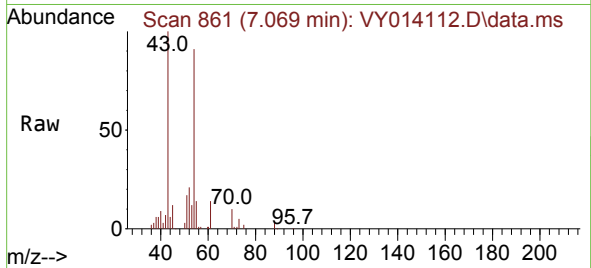




#37
Ethyl Acetate
Concen: 21.047 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

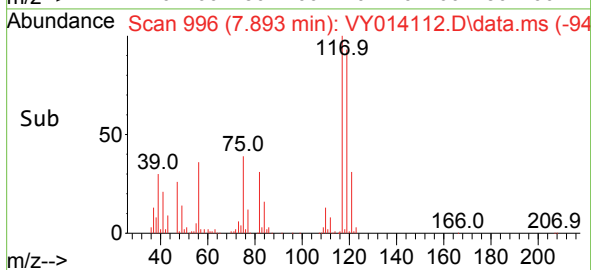
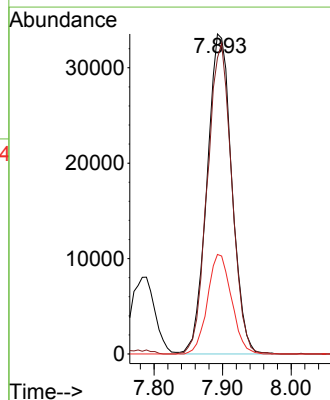
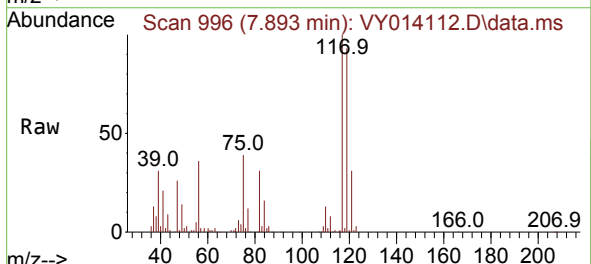
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

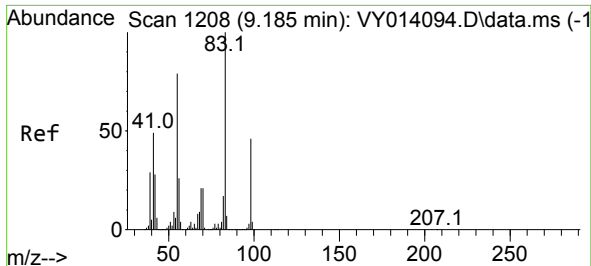
Tgt Ion: 43 Resp: 46196
Ion Ratio Lower Upper
43 100
61 13.4 10.1 15.1
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 22.912 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.005 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 117 Resp: 84108
Ion Ratio Lower Upper
117 100
119 92.6 76.4 114.6
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 21.943 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

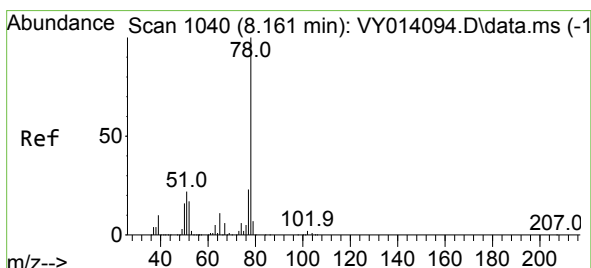
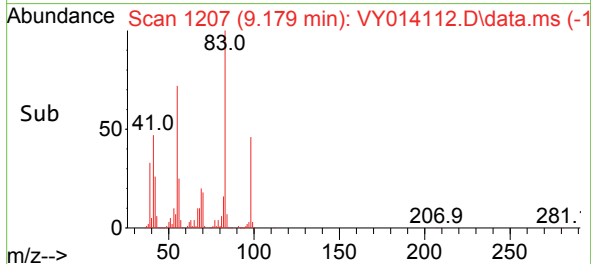
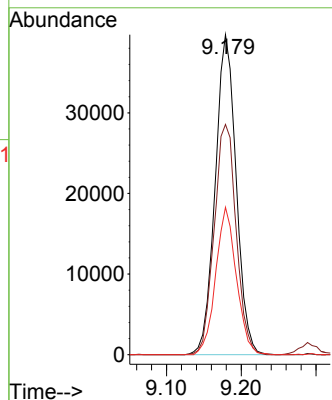
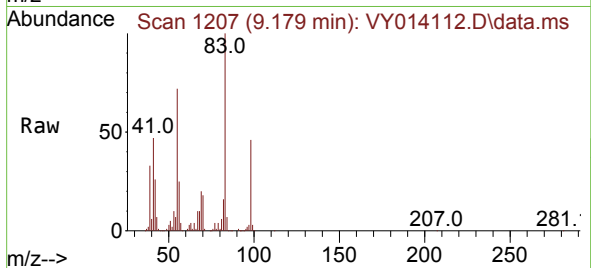
Tgt Ion: 83 Resp: 77447

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 46.1 37.4 56.2



#40

Benzene

Concen: 21.201 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014112.D

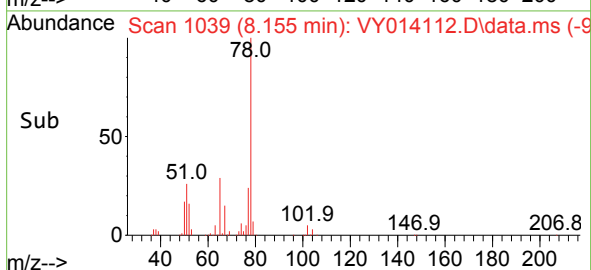
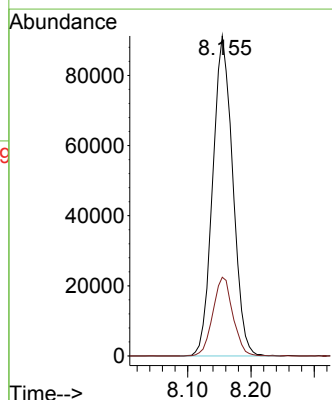
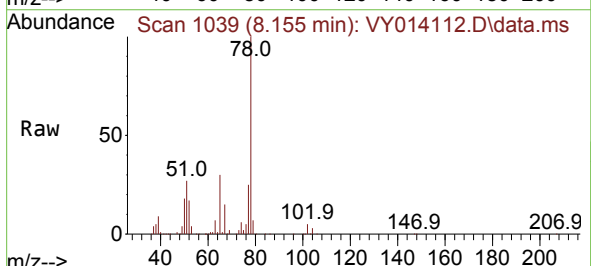
Acq: 12 Jun 2023 12:01

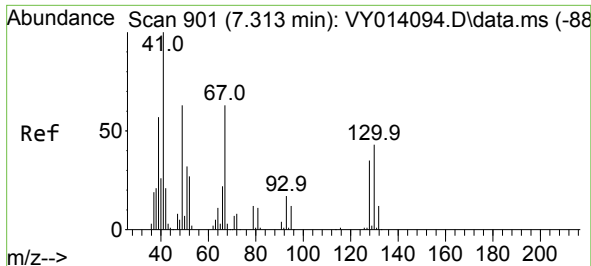
Tgt Ion: 78 Resp: 200552

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

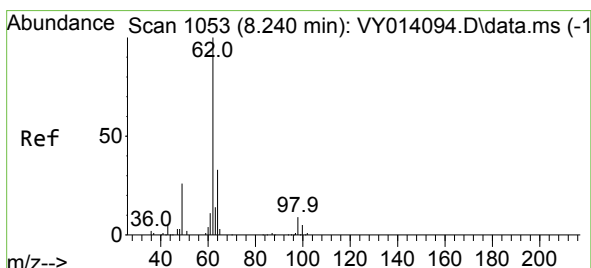
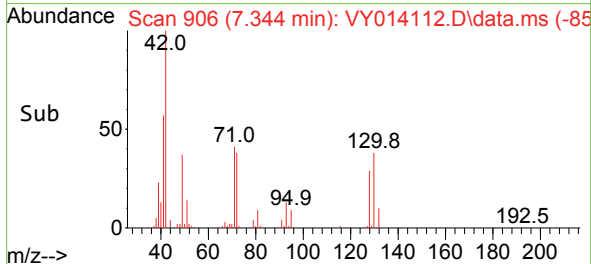
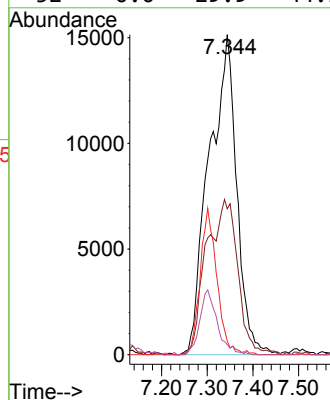
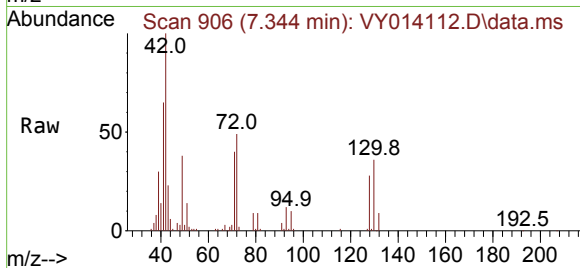




#41
Methacrylonitrile
Concen: 56.747 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

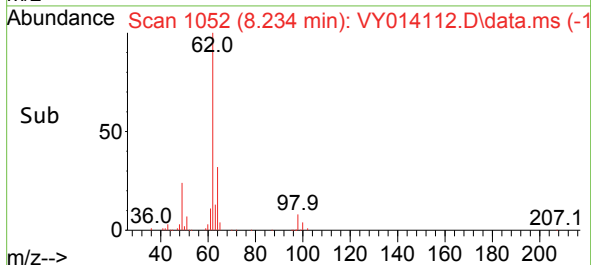
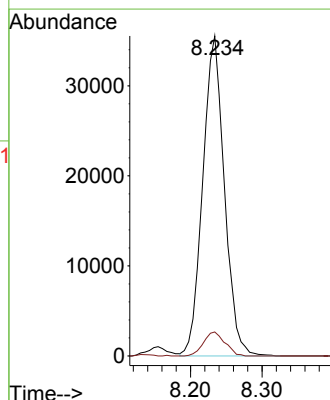
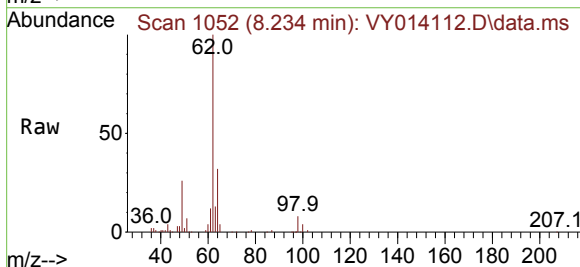
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

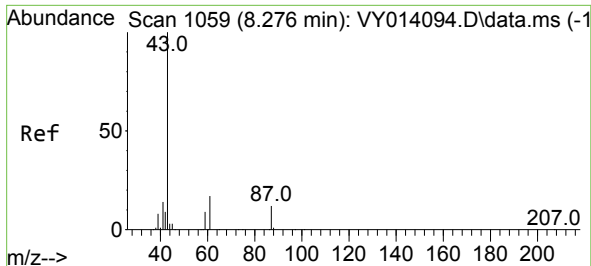
Tgt Ion: 41 Resp: 63567
Ion Ratio Lower Upper
41 100
39 33.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 22.350 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 62 Resp: 74764
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.8

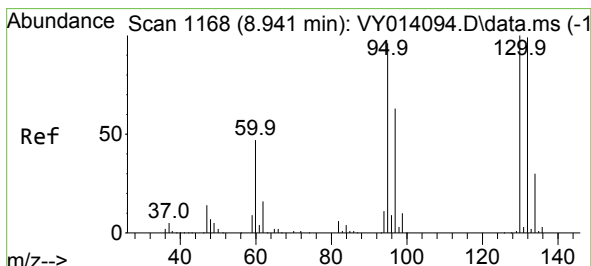
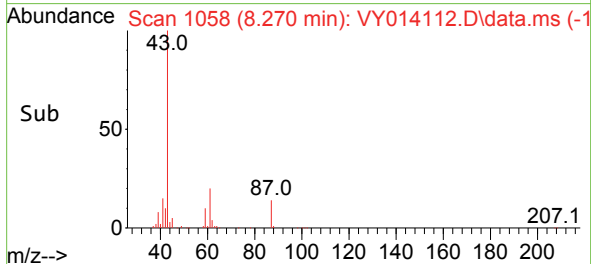
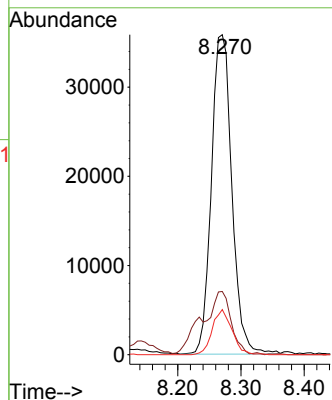
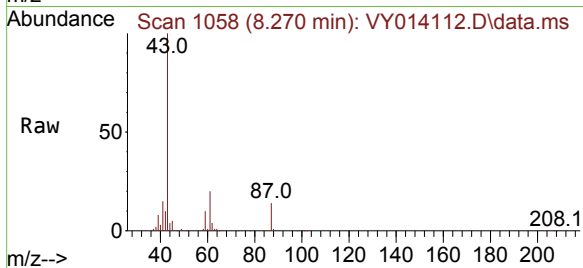




#43
Isopropyl Acetate
Concen: 20.919 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

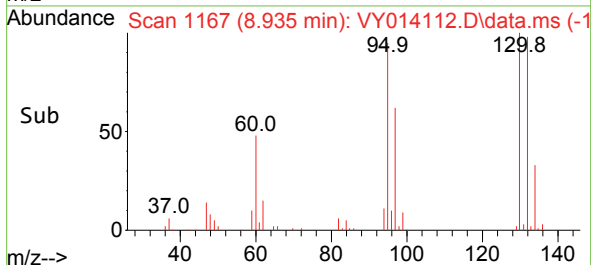
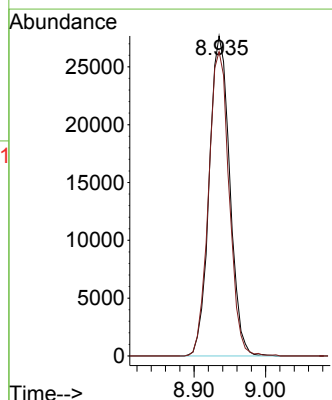
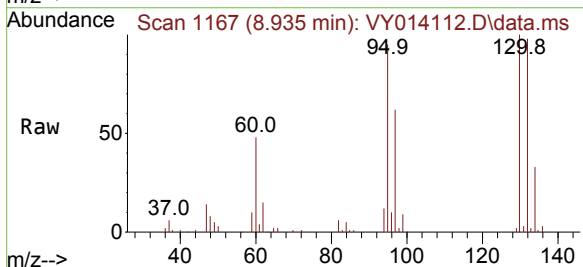
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

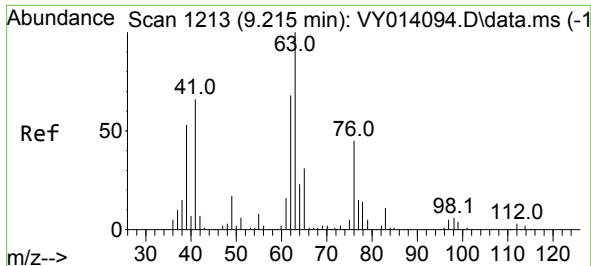
Tgt Ion: 43 Resp: 80477
Ion Ratio Lower Upper
43 100
61 17.6 21.1 31.7#
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 21.814 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion:130 Resp: 55130
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.096 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

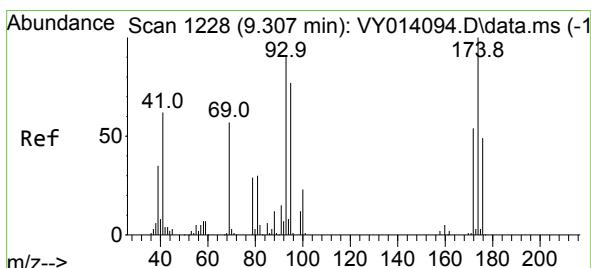
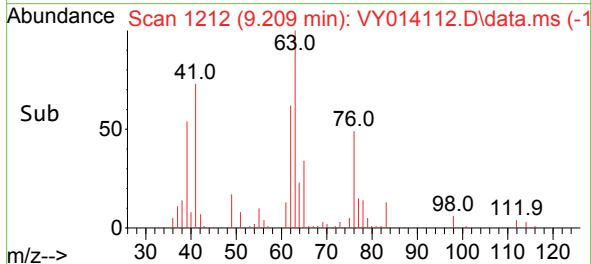
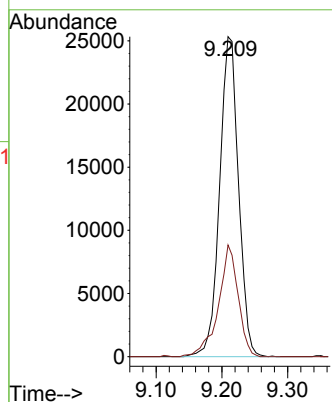
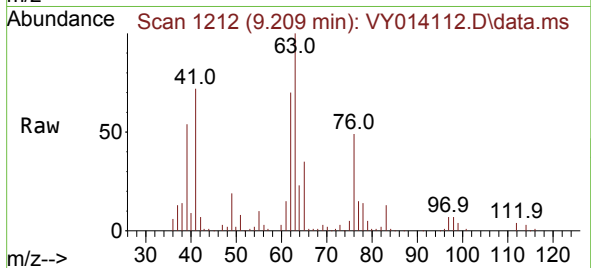
VY0612SBS01

Tgt Ion: 63 Resp: 50686

Ion Ratio Lower Upper

63 100

65 34.9 23.8 35.6



#46

Dibromomethane

Concen: 21.457 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

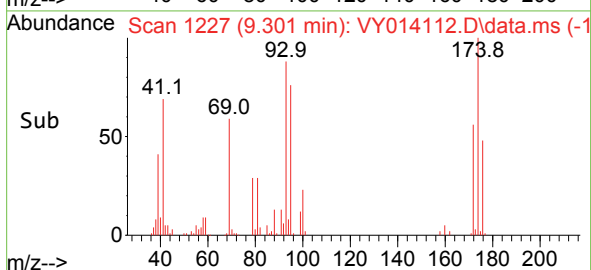
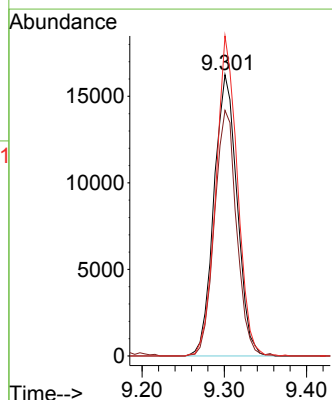
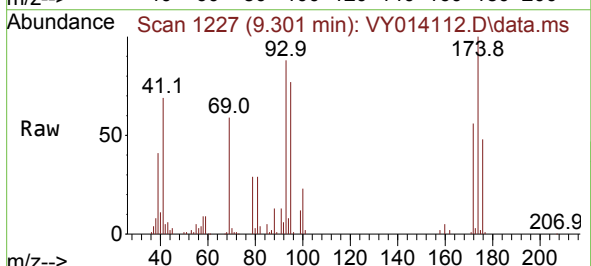
Tgt Ion: 93 Resp: 31734

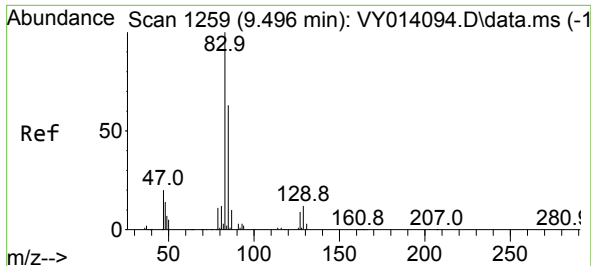
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 106.2 84.8 127.2

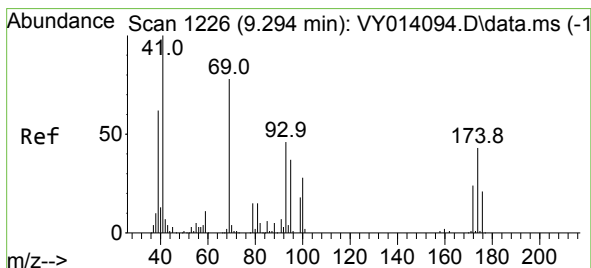
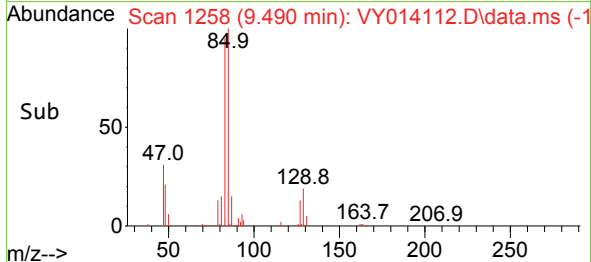
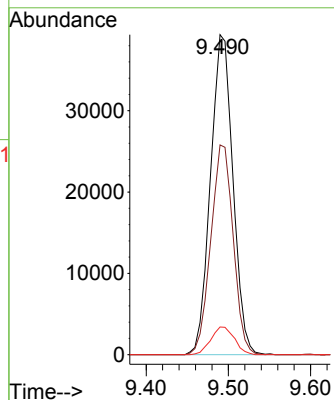
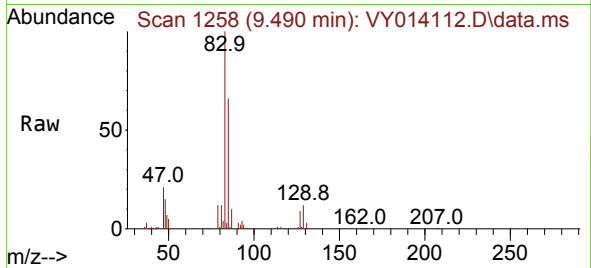




#47
Bromodichloromethane
Concen: 21.527 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

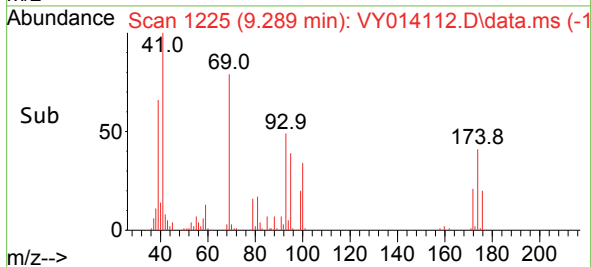
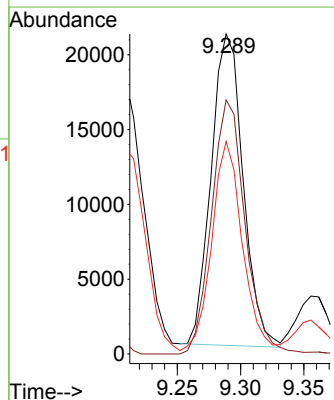
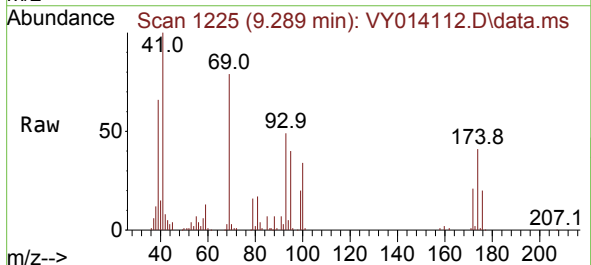
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

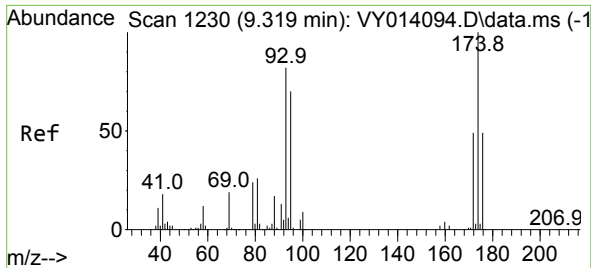
Tgt Ion: 83 Resp: 74547
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 20.353 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 41 Resp: 36519
Ion Ratio Lower Upper
41 100
69 86.3 64.5 96.7
39 64.0 50.8 76.2

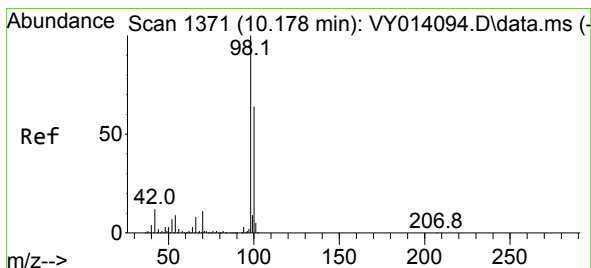
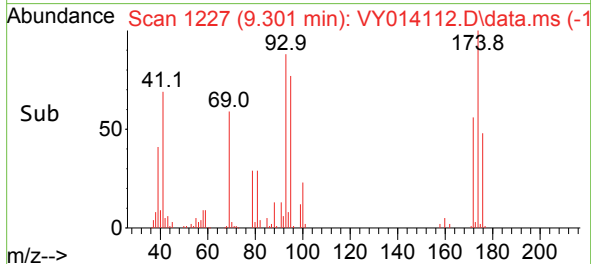
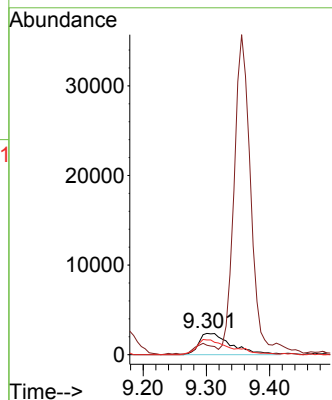
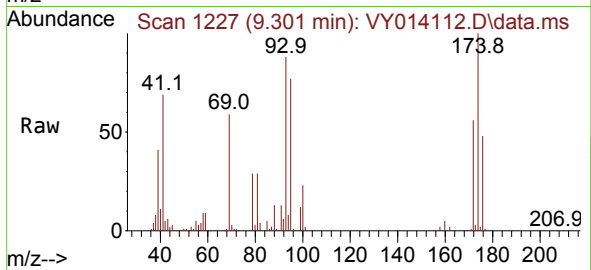




#49
1,4-Dioxane
Concen: 455.973 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

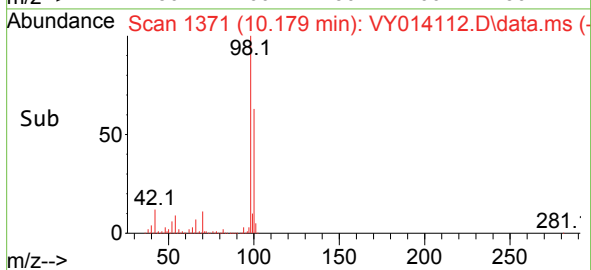
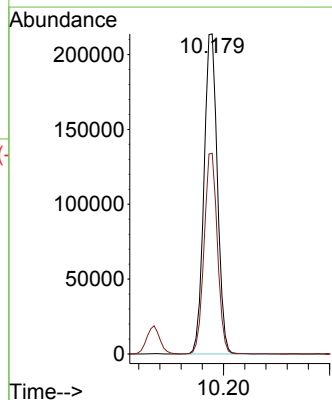
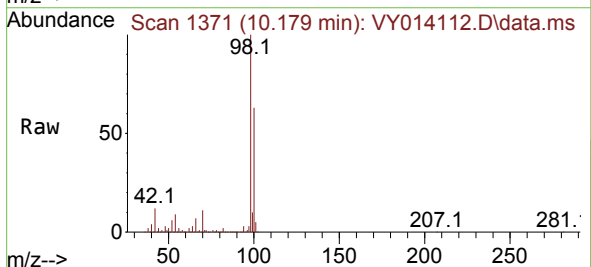
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

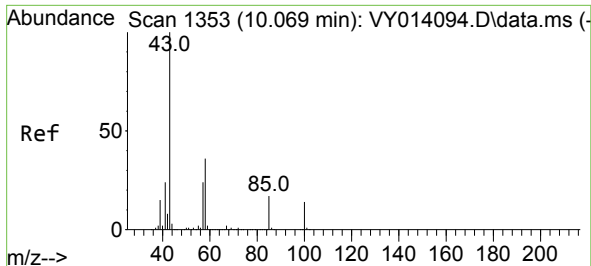
Tgt Ion: 88 Resp: 8569
Ion Ratio Lower Upper
88 100
43 28.7 0.0 0.0#
58 73.9 30.9 46.3#



#50
Toluene-d8
Concen: 49.089 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 98 Resp: 374472
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

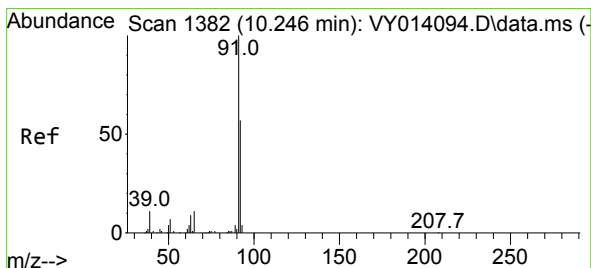
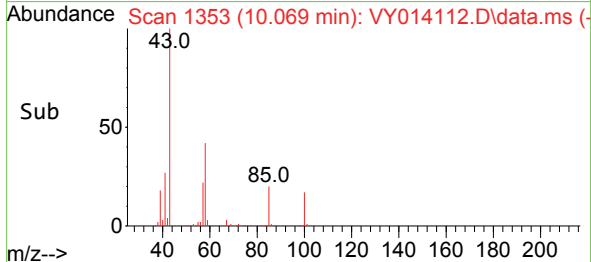
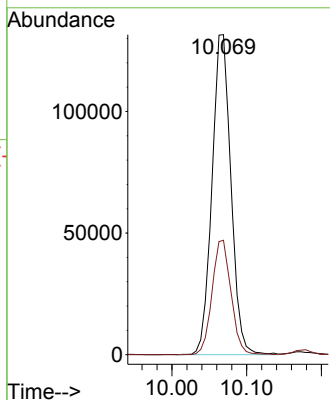
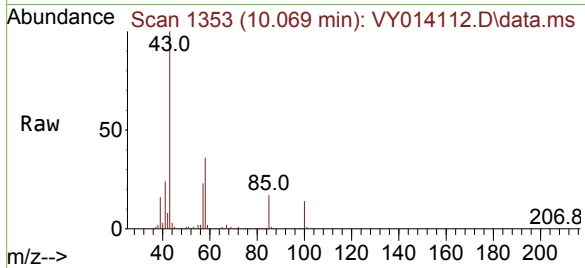




#51
4-Methyl-2-Pentanone
Concen: 111.067 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

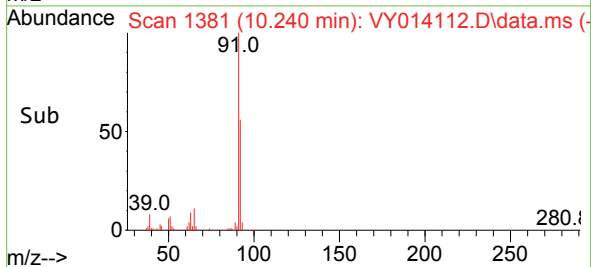
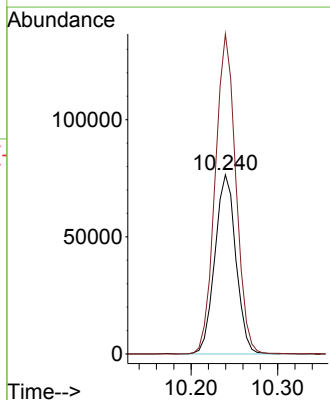
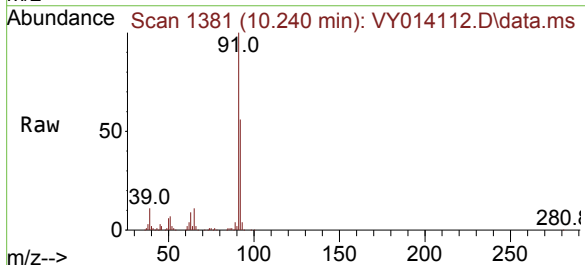
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

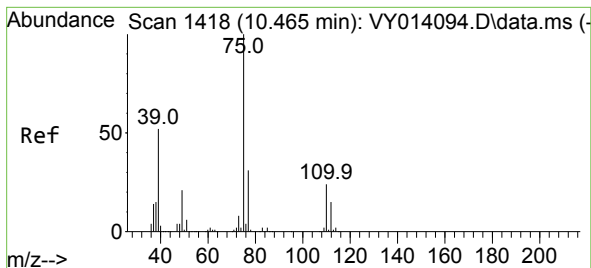
Tgt Ion: 43 Resp: 232135
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6



#52
Toluene
Concen: 21.988 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 92 Resp: 128937
Ion Ratio Lower Upper
92 100
91 175.8 143.8 215.6

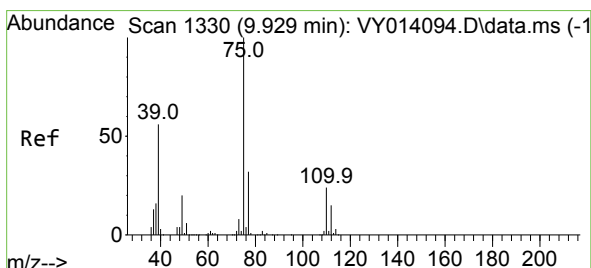
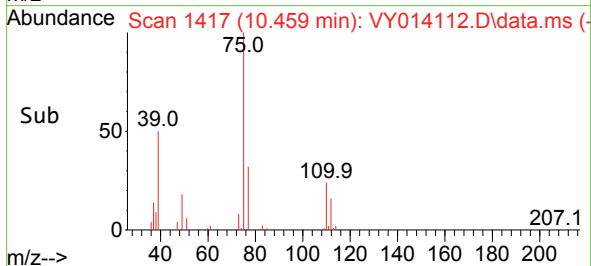
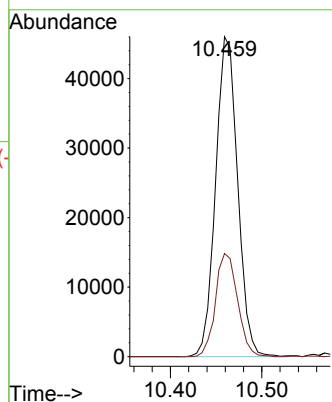
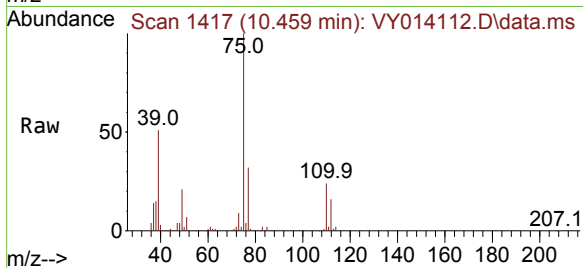




#53
 t-1,3-Dichloropropene
 Concen: 21.155 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014112.D
 Acq: 12 Jun 2023 12:01

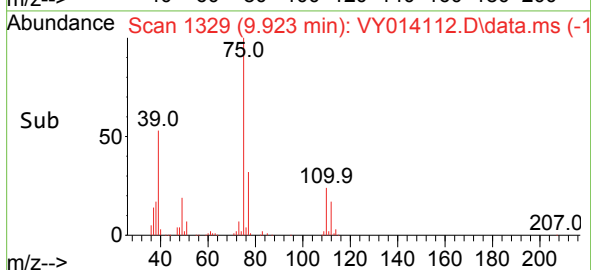
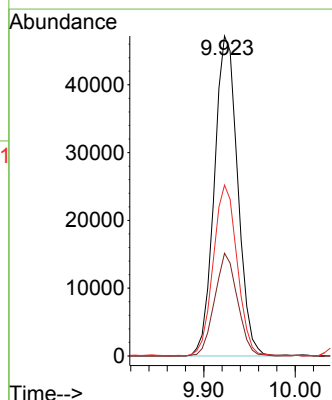
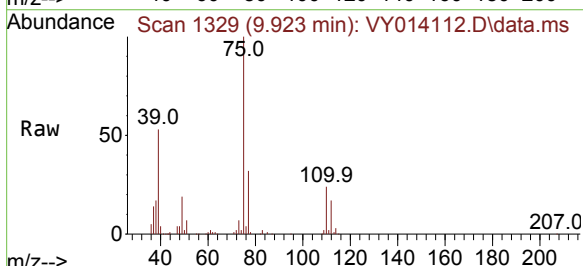
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

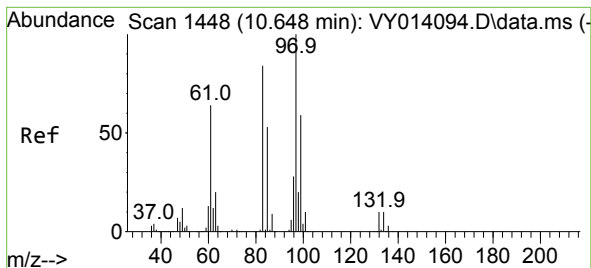
Tgt Ion: 75 Resp: 77119
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.051 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014112.D
 Acq: 12 Jun 2023 12:01

Tgt Ion: 75 Resp: 83729
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 53.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 22.043 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

Tgt Ion: 97 Resp: 43242

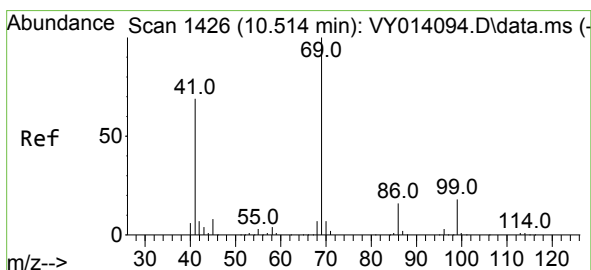
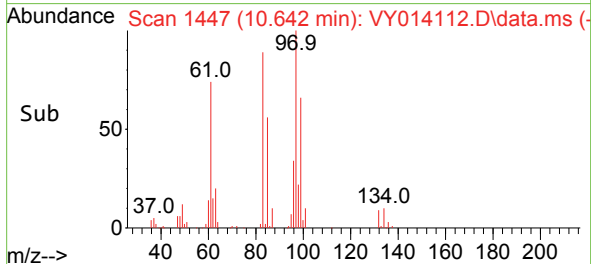
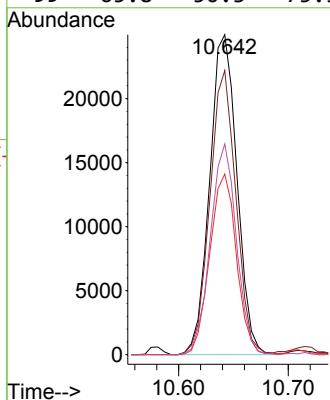
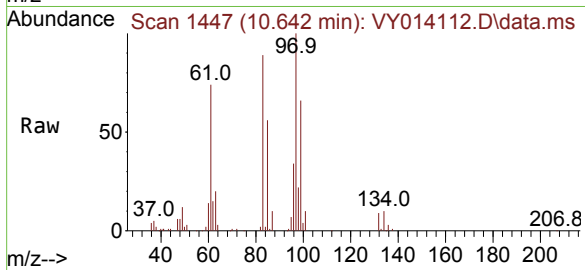
Ion Ratio Lower Upper

97 100

83 88.8 72.0 108.0

85 56.5 45.4 68.0

99 65.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.063 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

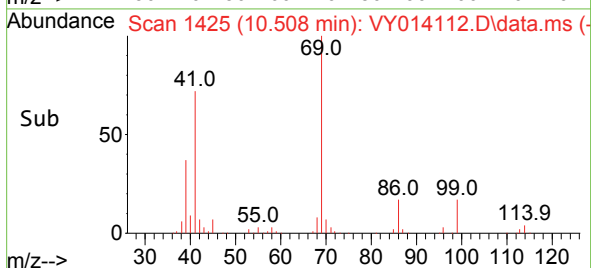
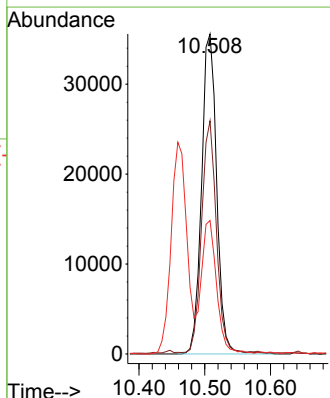
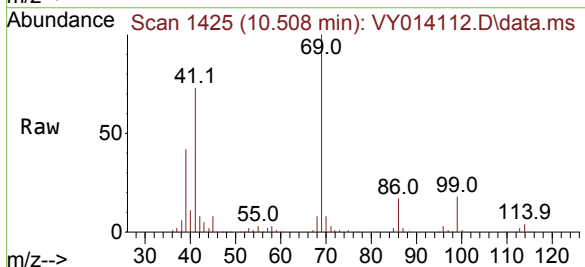
Tgt Ion: 69 Resp: 56991

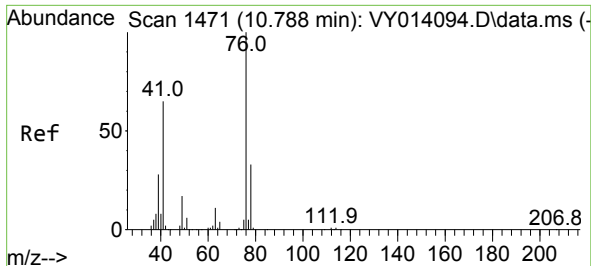
Ion Ratio Lower Upper

69 100

41 70.4 57.6 86.4

39 41.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 21.313 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

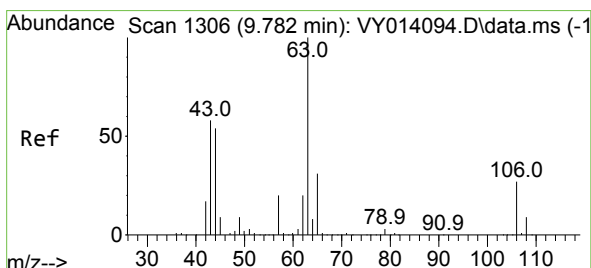
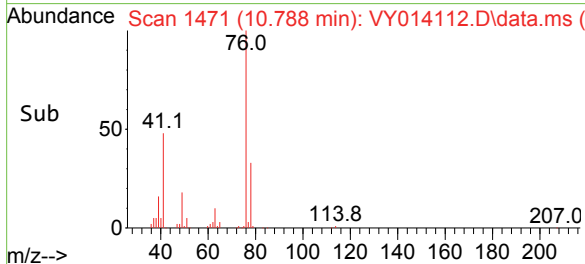
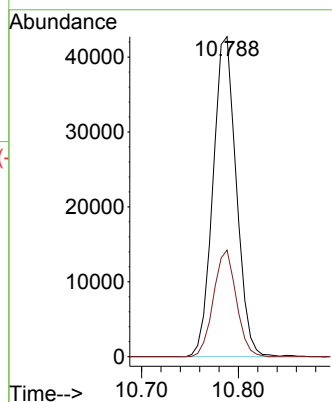
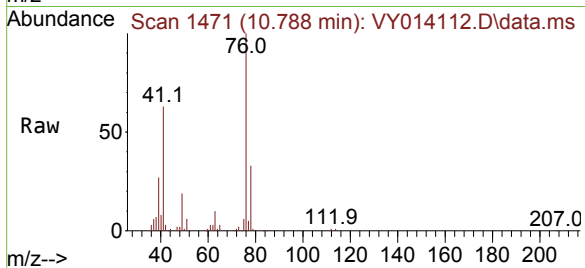
VY0612SBS01

Tgt Ion: 76 Resp: 71508

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 81.309 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014112.D

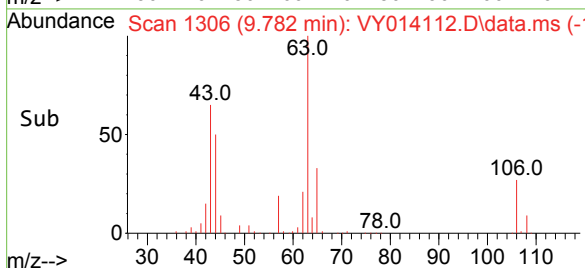
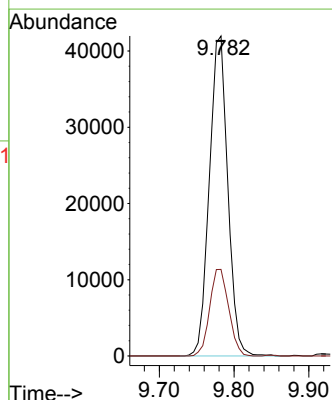
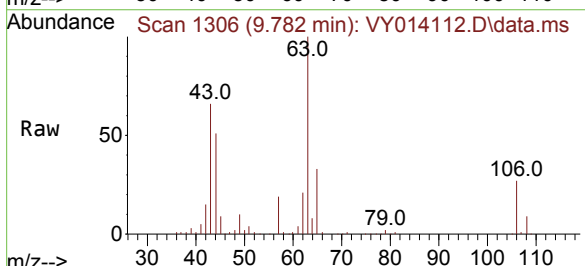
Acq: 12 Jun 2023 12:01

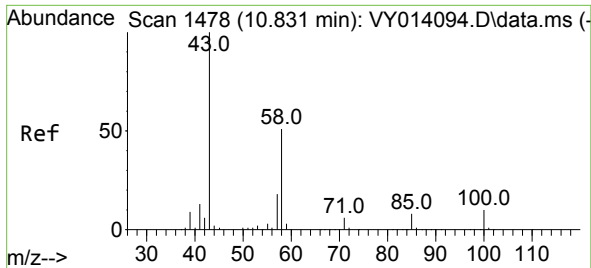
Tgt Ion: 63 Resp: 71940

Ion Ratio Lower Upper

63 100

106 27.8 21.2 31.8

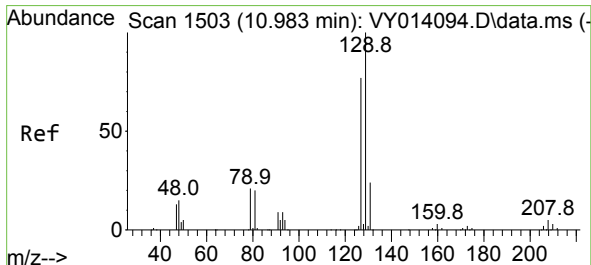
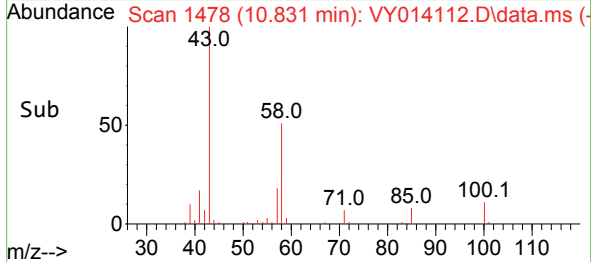
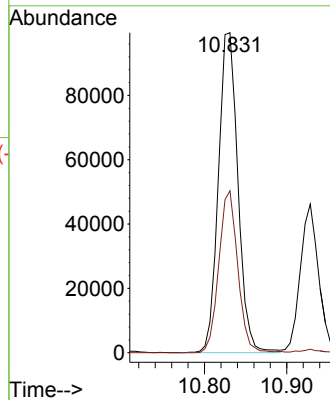
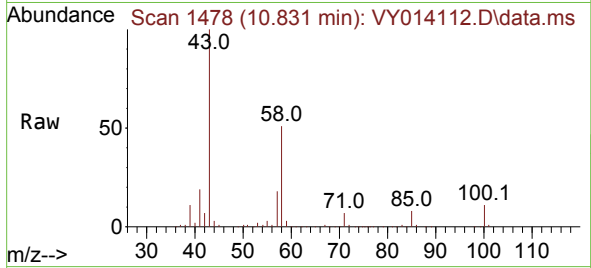




#59
2-Hexanone
Concen: 108.986 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

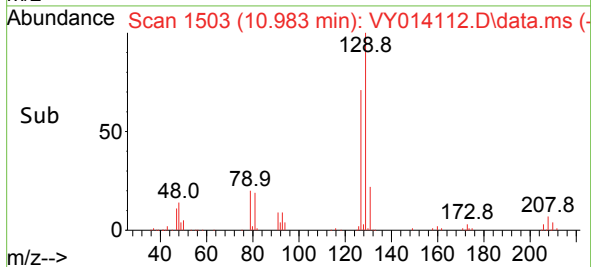
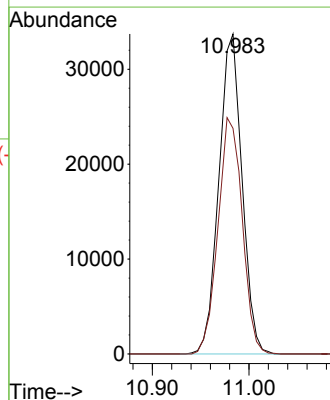
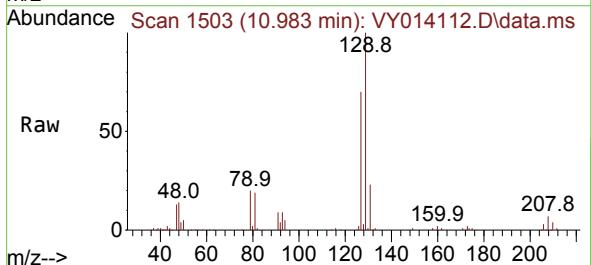
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

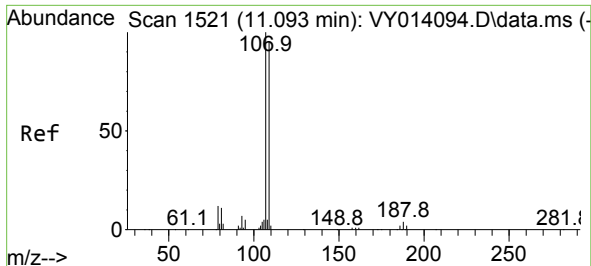
Tgt Ion: 43 Resp: 164519
Ion Ratio Lower Upper
43 100
58 49.1 25.1 75.3



#60
Dibromochloromethane
Concen: 22.302 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 129 Resp: 55995
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

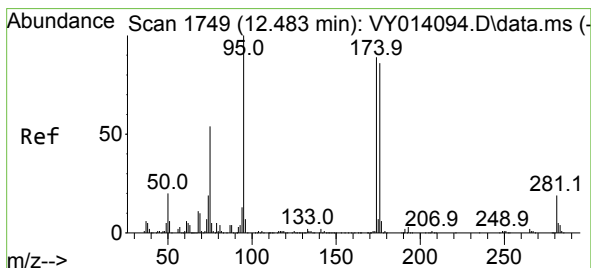
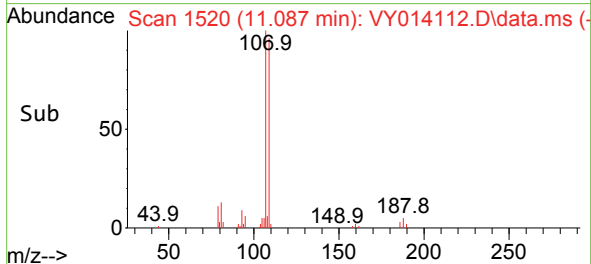
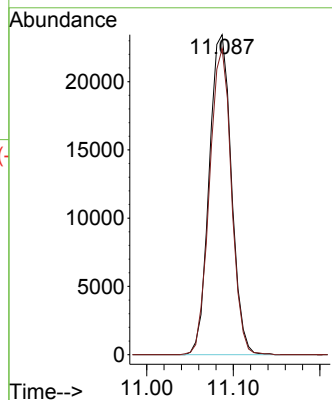
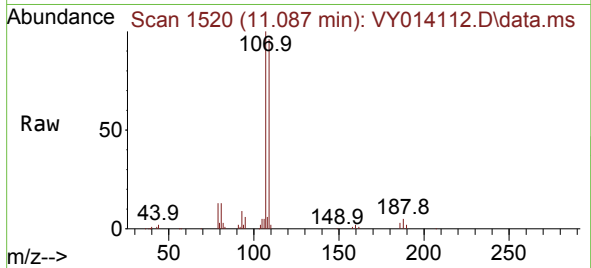




#61
1,2-Dibromoethane
Concen: 21.557 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

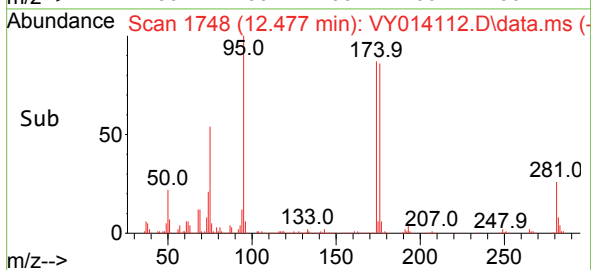
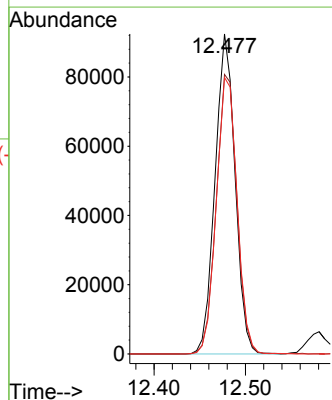
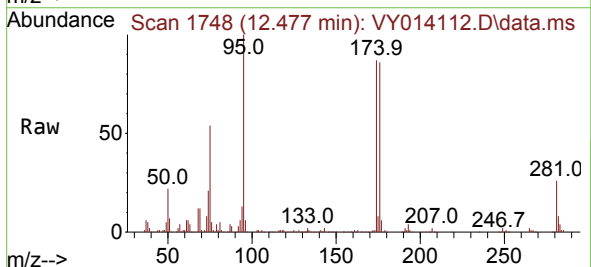
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

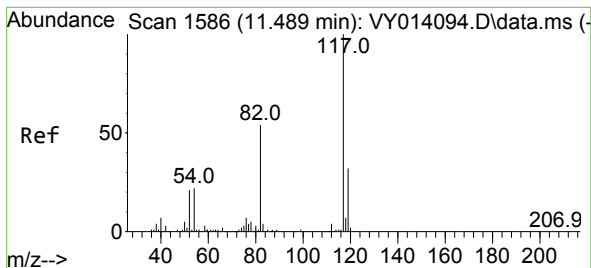
Tgt Ion:107 Resp: 41735
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.848 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 95 Resp: 140500
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 89.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

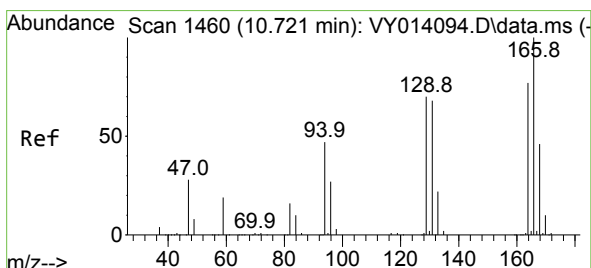
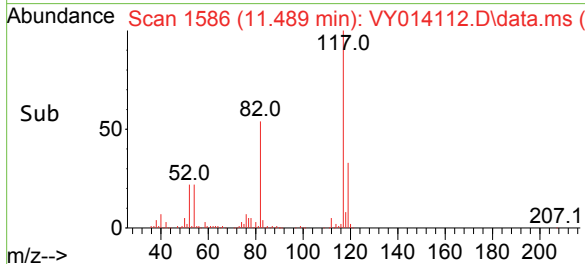
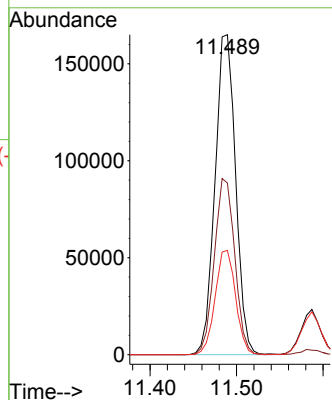
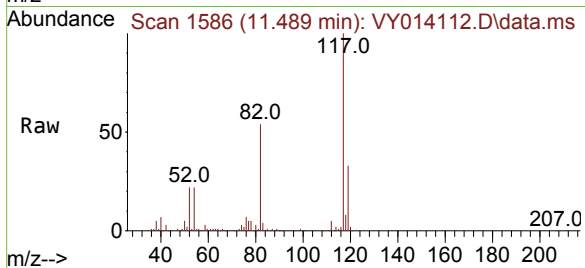
Tgt Ion:117 Resp: 272660

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 21.817 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Tgt Ion:164 Resp: 50705

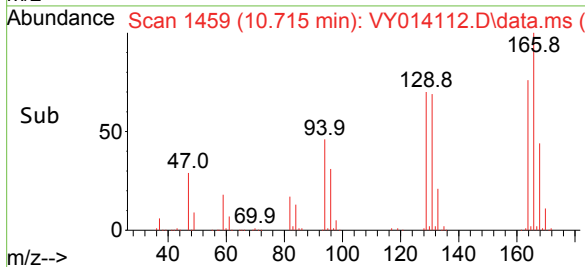
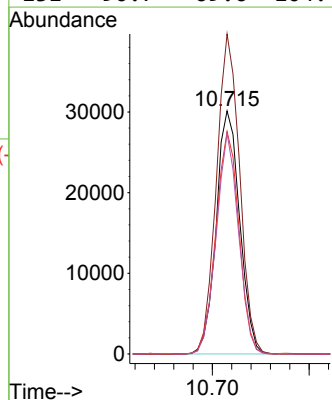
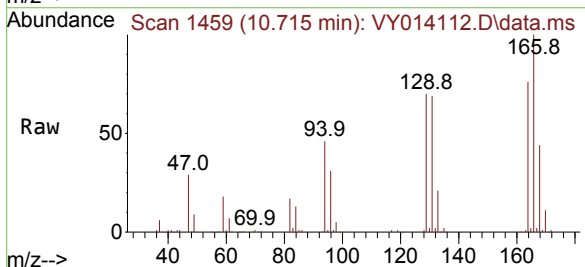
Ion Ratio Lower Upper

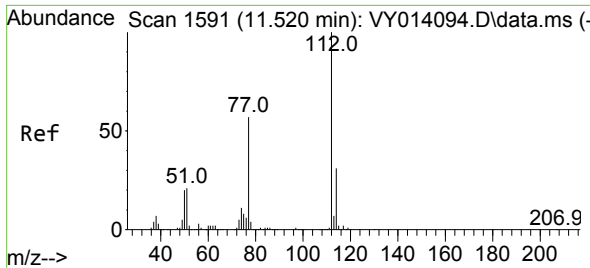
164 100

166 131.7 103.0 154.6

129 91.5 77.2 115.8

131 90.7 69.6 104.4

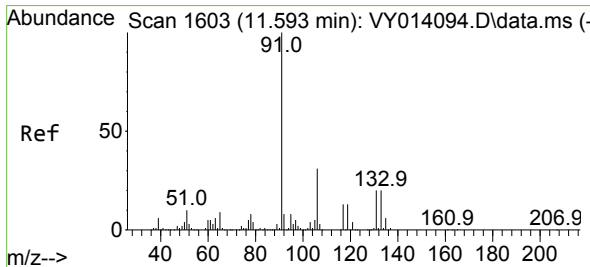
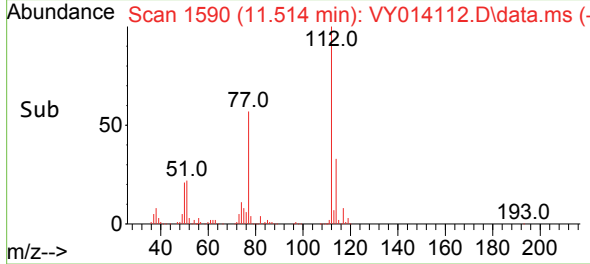
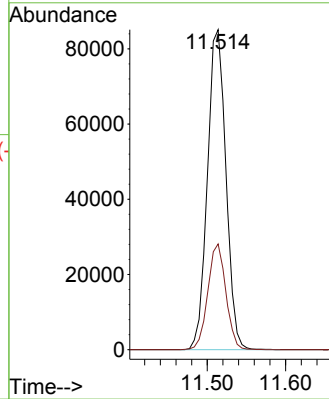
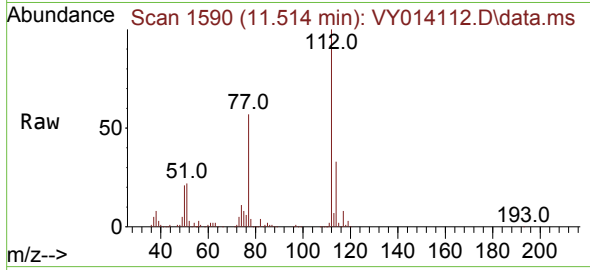




#65
Chlorobenzene
Concen: 21.281 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

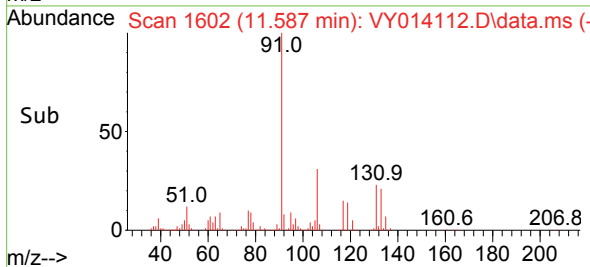
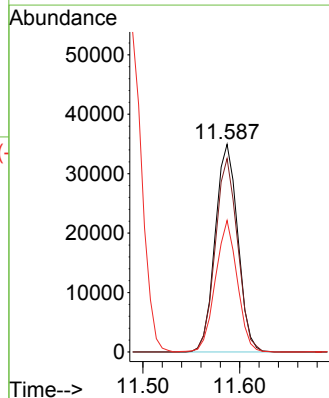
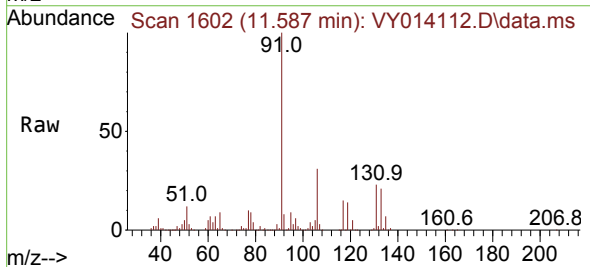
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

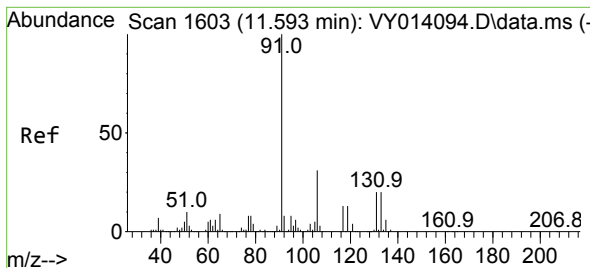
Tgt Ion:112 Resp: 139427
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.032 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion:131 Resp: 56774
Ion Ratio Lower Upper
131 100
133 92.3 47.5 142.6
119 61.1 31.6 94.7





#67

Ethyl Benzene

Concen: 21.178 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

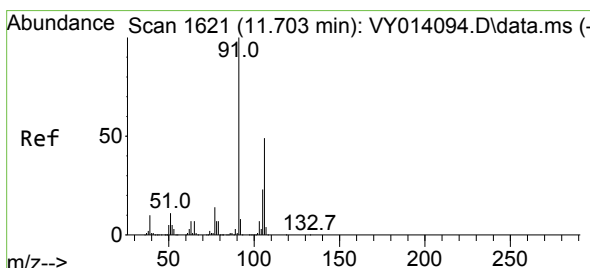
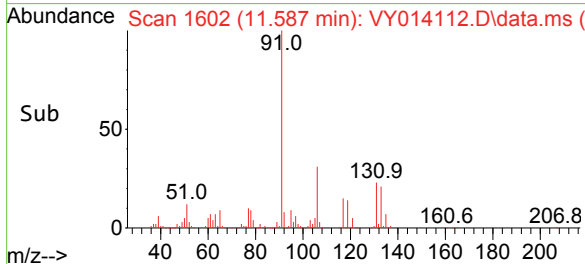
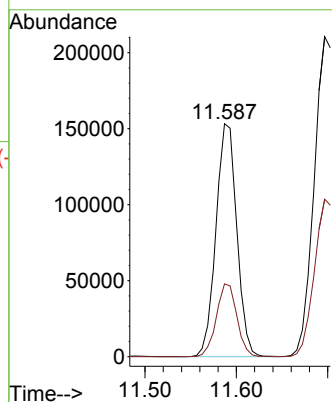
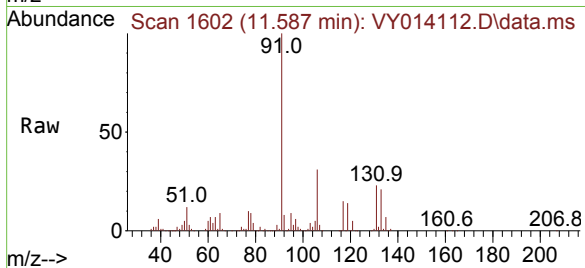
VY0612SBS01

Tgt Ion: 91 Resp: 242868

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 43.029 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014112.D

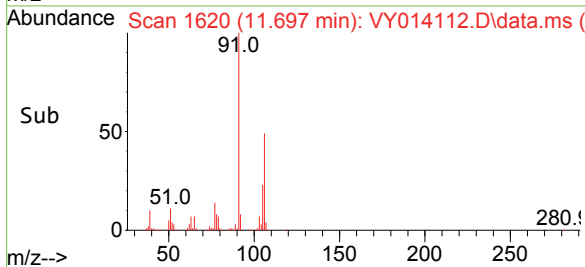
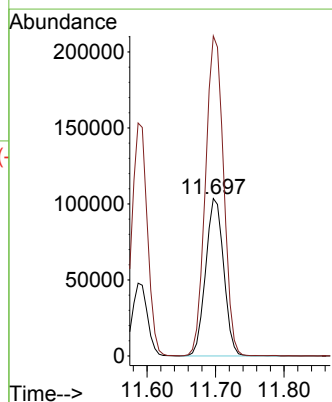
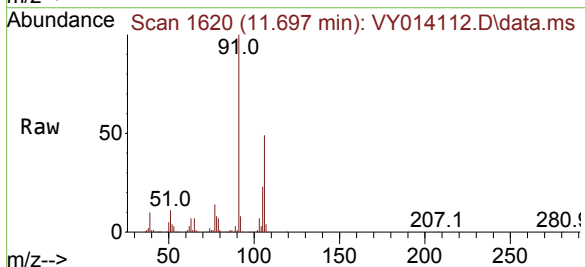
Acq: 12 Jun 2023 12:01

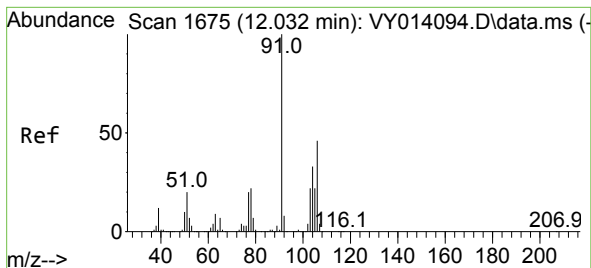
Tgt Ion:106 Resp: 189800

Ion Ratio Lower Upper

106 100

91 203.9 166.1 249.1

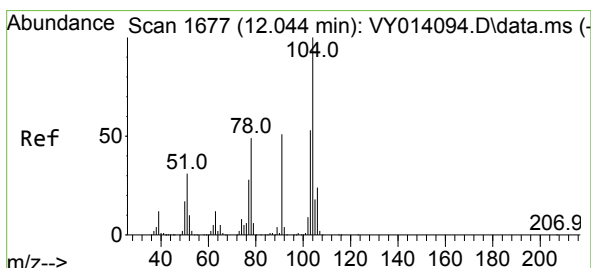
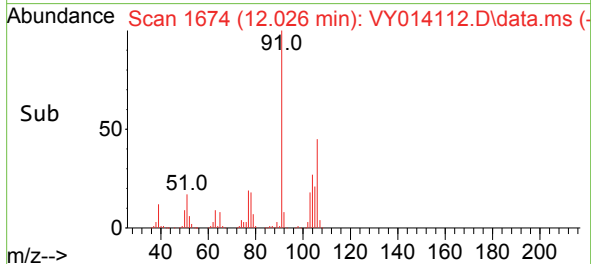
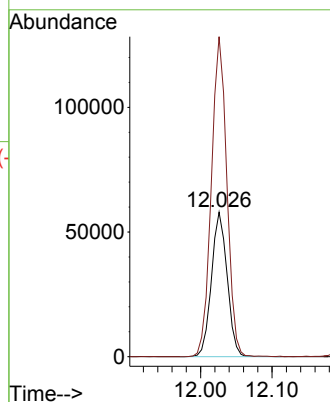
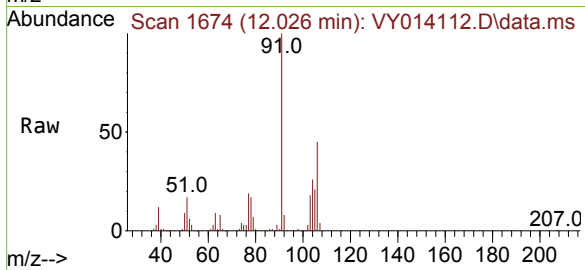




#69
o-Xylene
Concen: 21.158 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

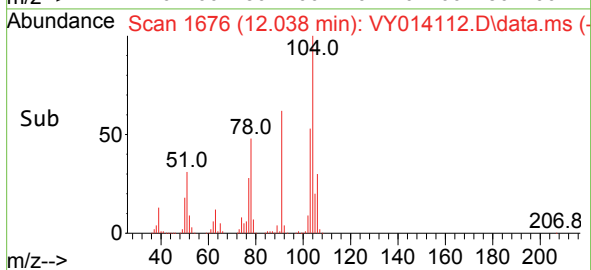
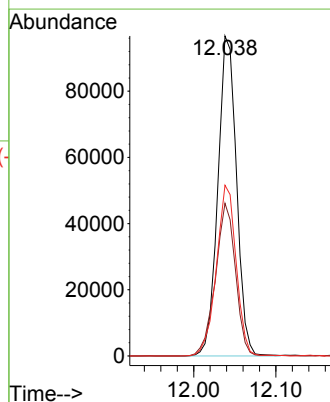
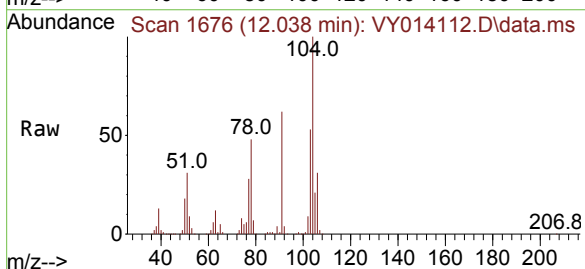
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

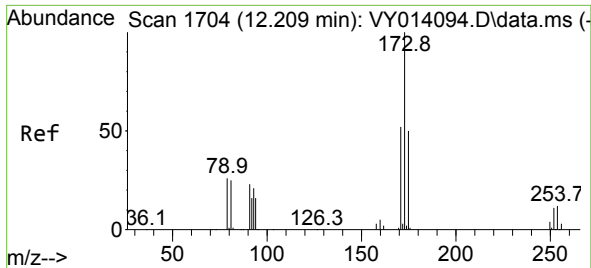
Tgt Ion:106 Resp: 88236
Ion Ratio Lower Upper
106 100
91 219.2 108.1 324.3



#70
Styrene
Concen: 21.435 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion:104 Resp: 152570
Ion Ratio Lower Upper
104 100
78 51.3 41.5 62.3
103 56.6 44.6 67.0

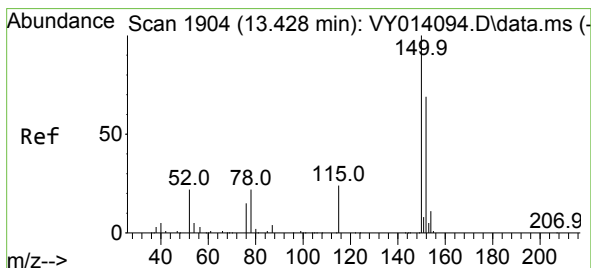
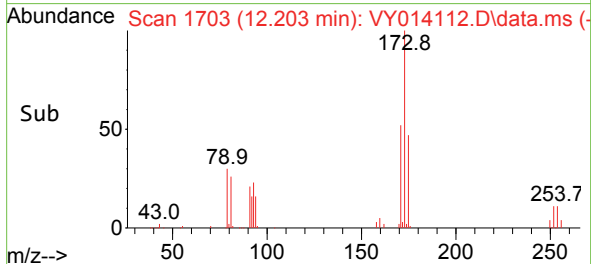
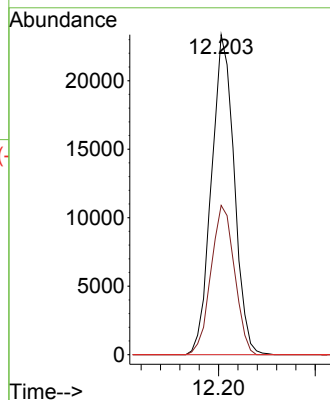
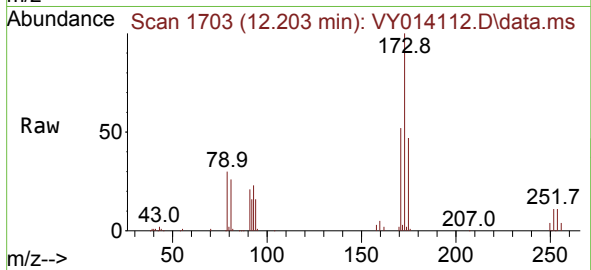




#71
Bromoform
Concen: 21.577 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

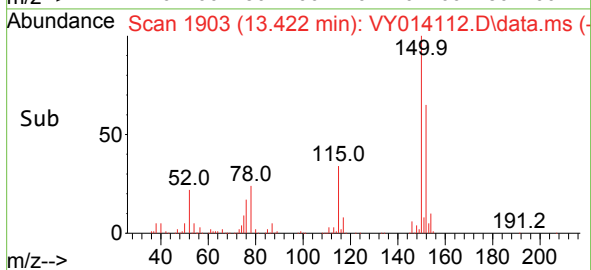
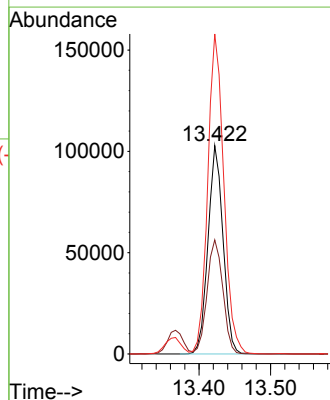
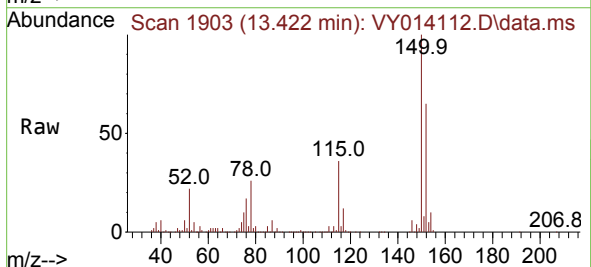
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

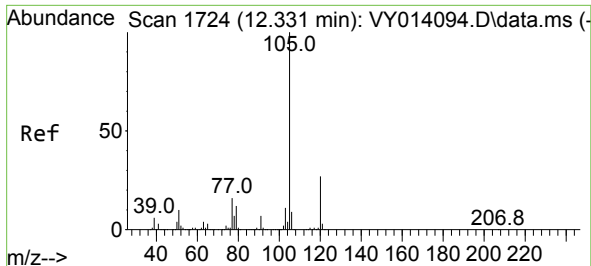
Tgt Ion:173 Resp: 38079
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion:152 Resp: 150250
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 164.1 0.0 348.8

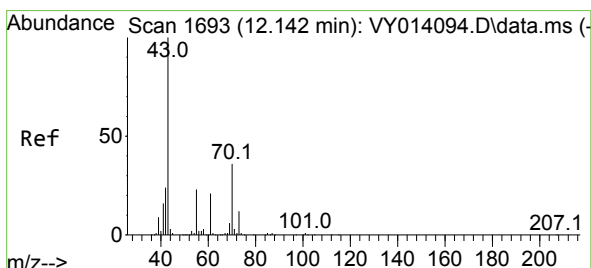
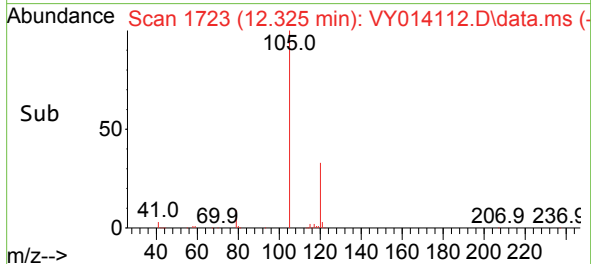
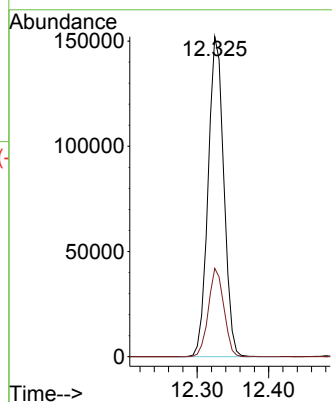
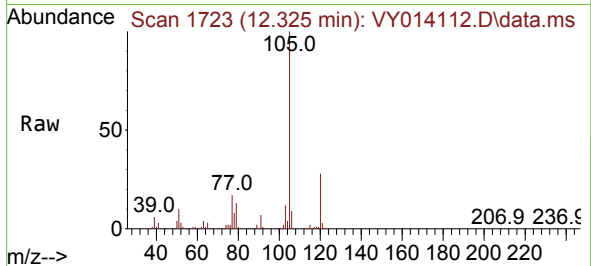




#73
Isopropylbenzene
Concen: 20.201 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

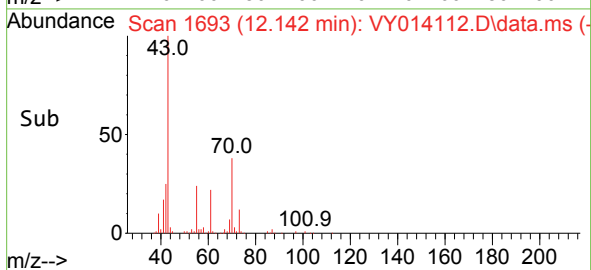
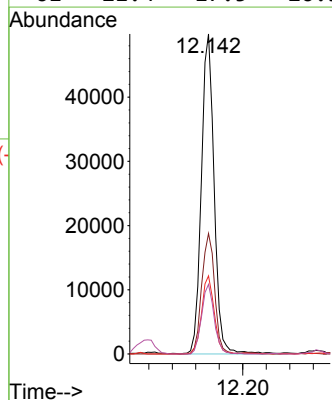
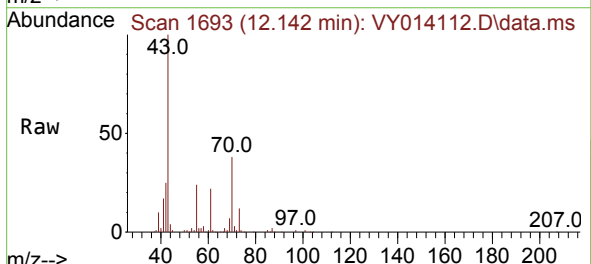
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

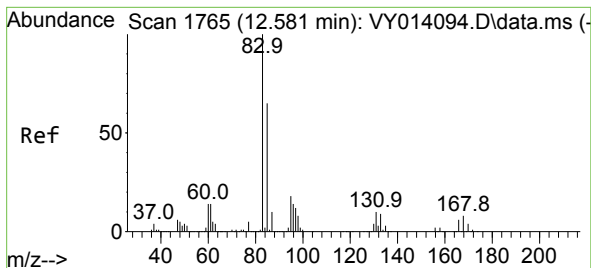
Tgt Ion:105 Resp: 231539
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 20.733 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 43 Resp: 75308
Ion Ratio Lower Upper
43 100
70 37.6 29.7 44.5
55 24.1 18.3 27.5
61 21.4 17.5 26.3

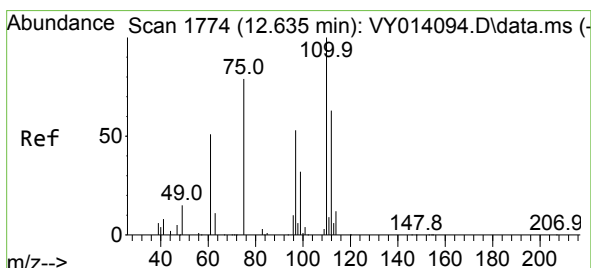
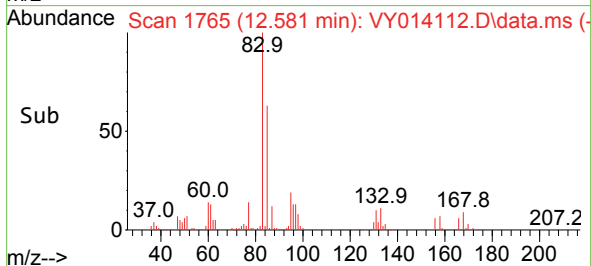
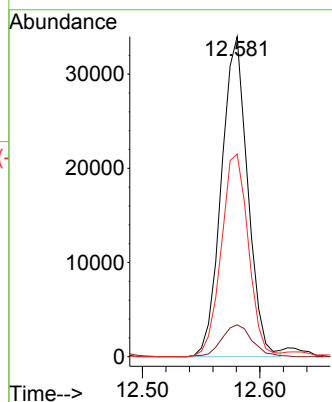
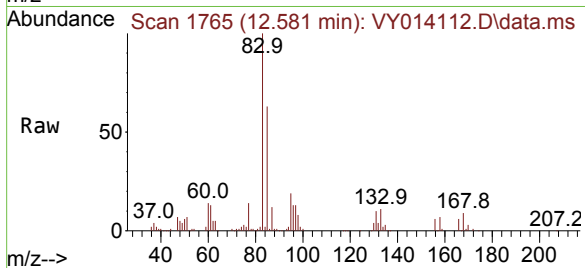




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.658 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014112.D
 Acq: 12 Jun 2023 12:01

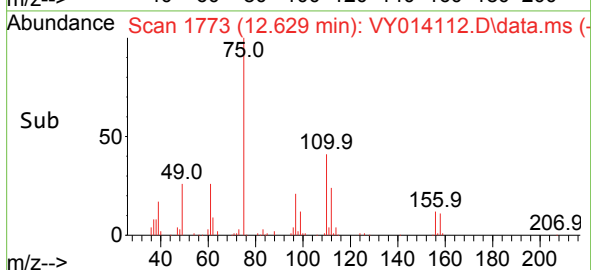
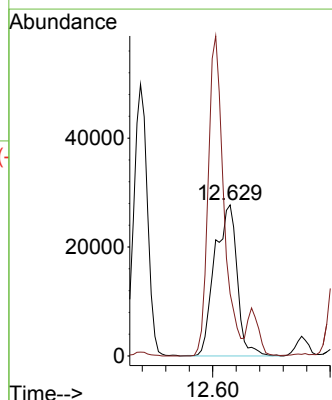
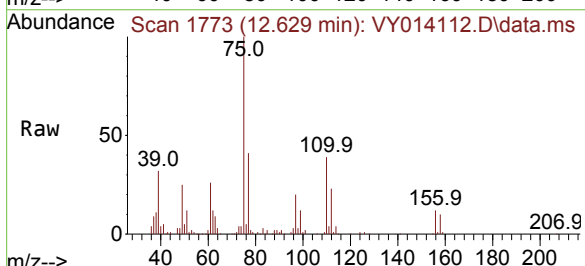
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

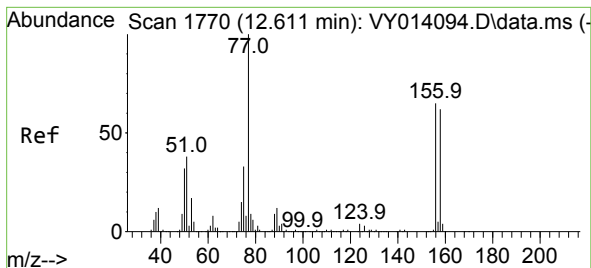
Tgt Ion: 83 Resp: 52909
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.4 16.2
 85 65.3 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 37.372 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY014112.D
 Acq: 12 Jun 2023 12:01

Tgt Ion: 75 Resp: 73670
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.750 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

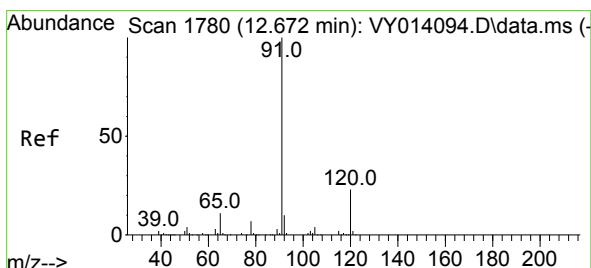
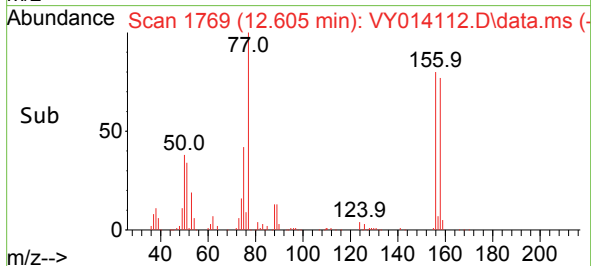
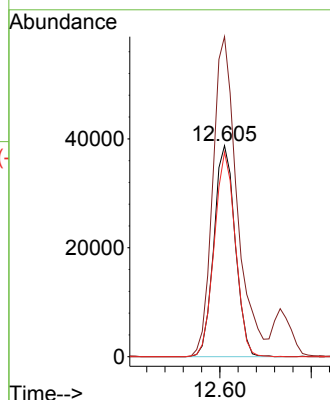
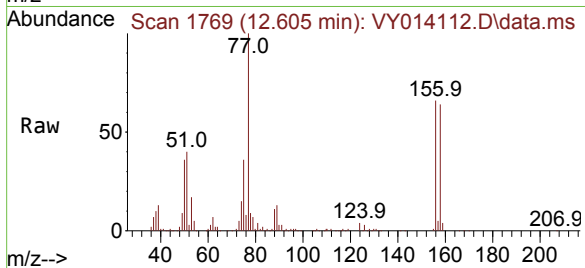
Tgt Ion:156 Resp: 62511

Ion Ratio Lower Upper

156 100

77 172.4 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 20.888 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014112.D

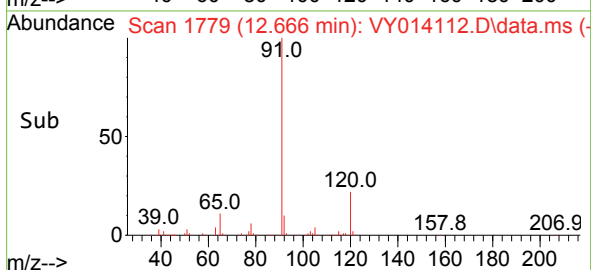
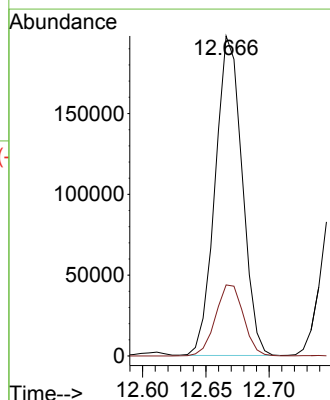
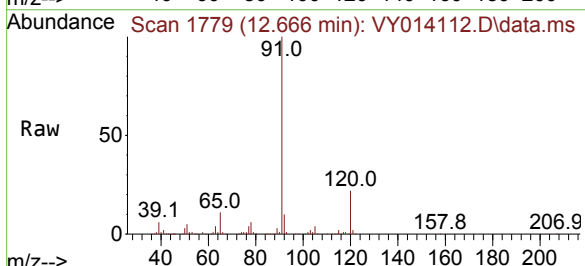
Acq: 12 Jun 2023 12:01

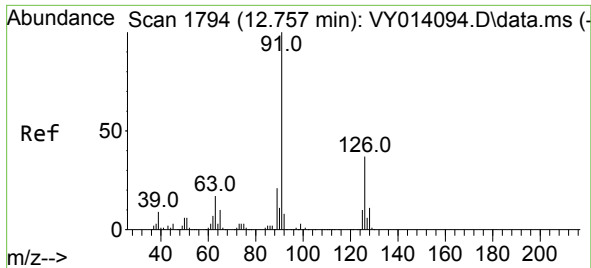
Tgt Ion: 91 Resp: 292435

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

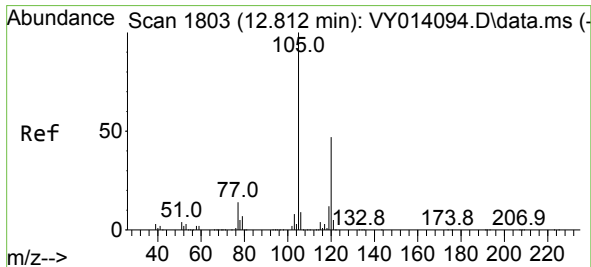
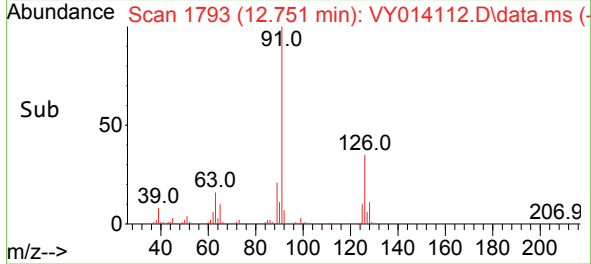
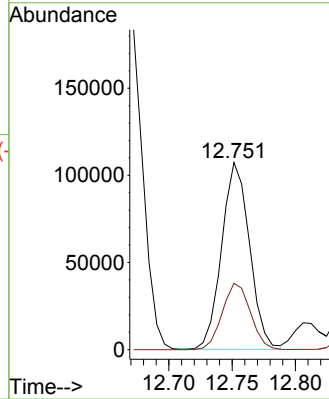
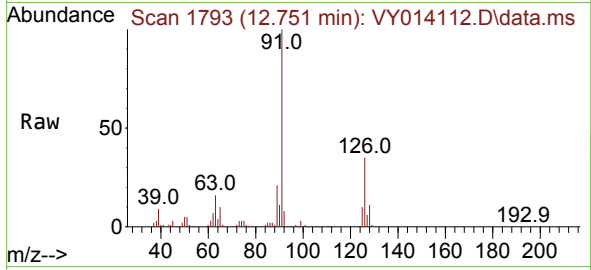




#79
2-Chlorotoluene
Concen: 20.403 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

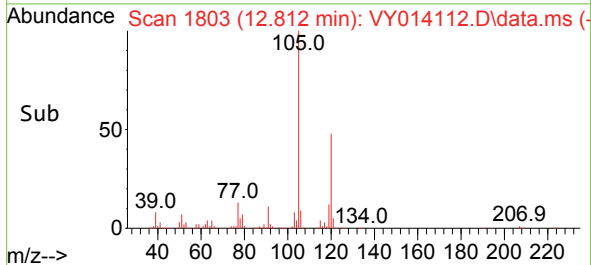
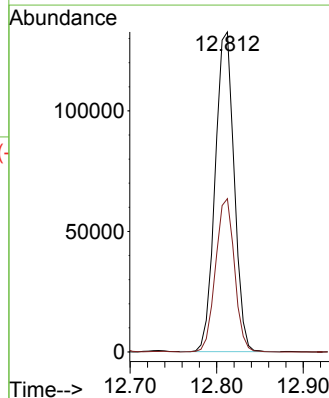
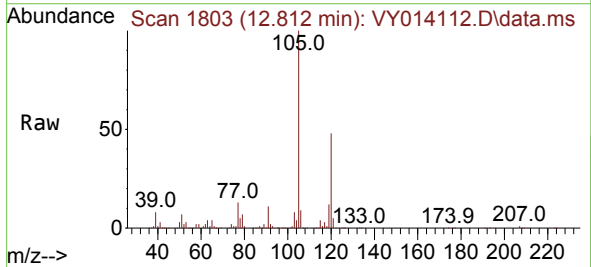
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

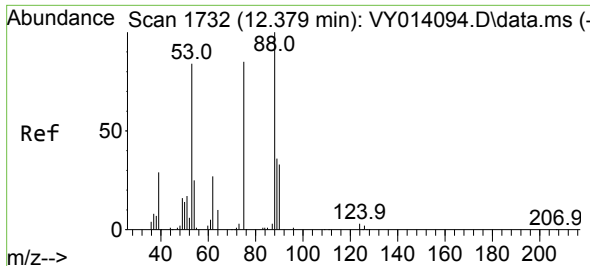
Tgt Ion: 91 Resp: 164360
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.578 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 105 Resp: 201959
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

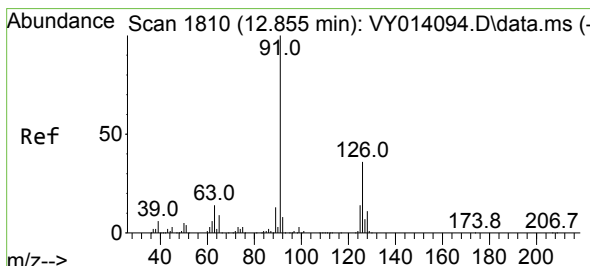
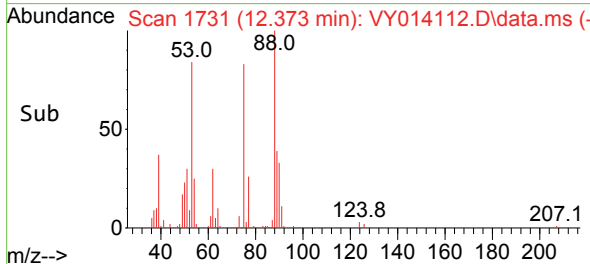
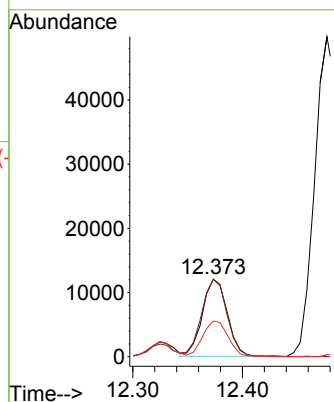
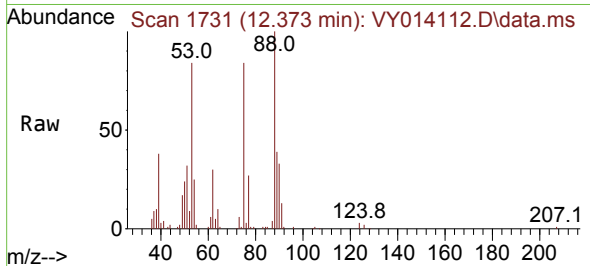




#81
trans-1,4-Dichloro-2-butene
Concen: 20.769 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

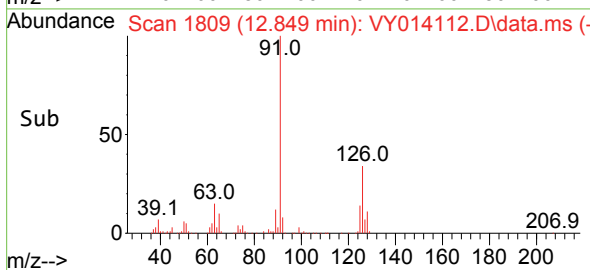
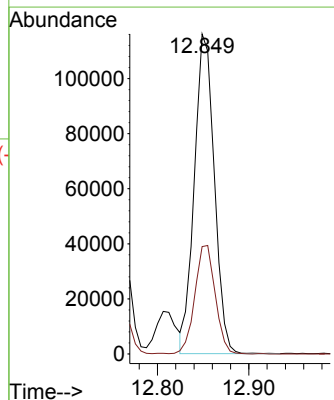
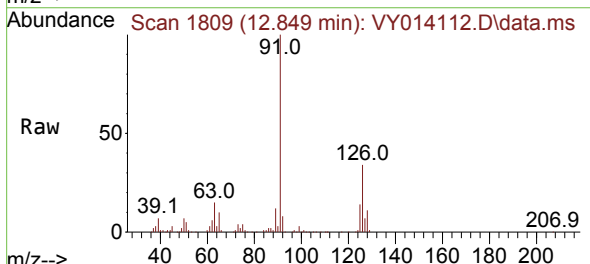
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

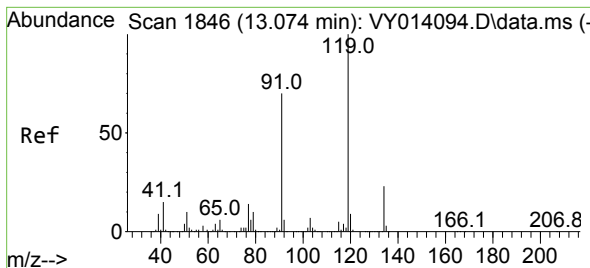
Tgt Ion: 75 Resp: 18940
Ion Ratio Lower Upper
75 100
53 103.0 77.8 116.8
89 46.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.641 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014112.D
Acq: 12 Jun 2023 12:01

Tgt Ion: 91 Resp: 176200
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.933 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

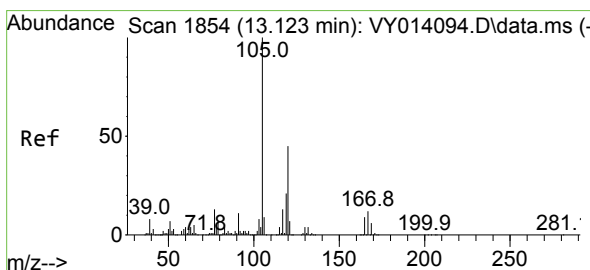
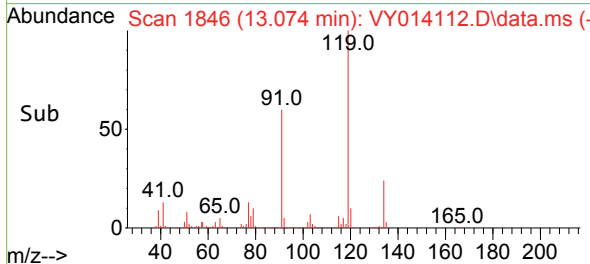
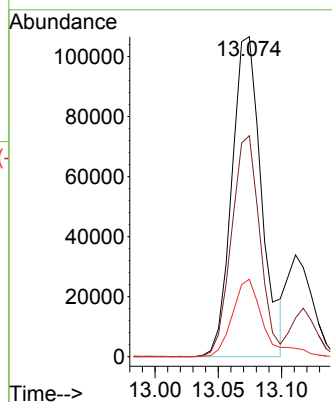
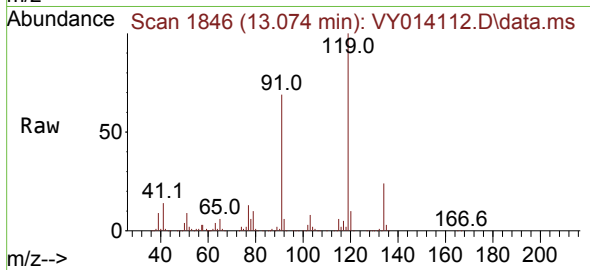
Tgt Ion:119 Resp: 174581

Ion Ratio Lower Upper

119 100

91 65.9 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.845 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014112.D

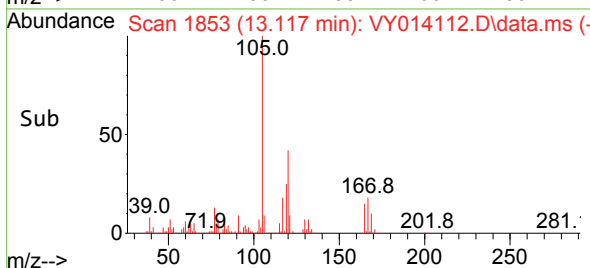
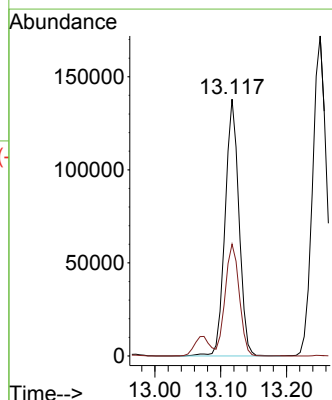
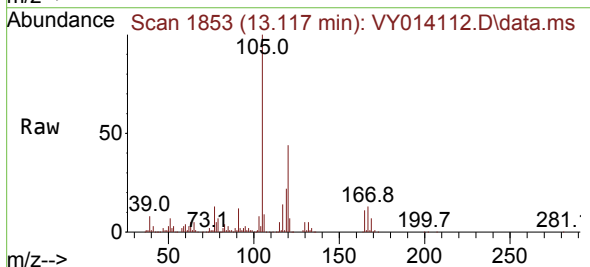
Acq: 12 Jun 2023 12:01

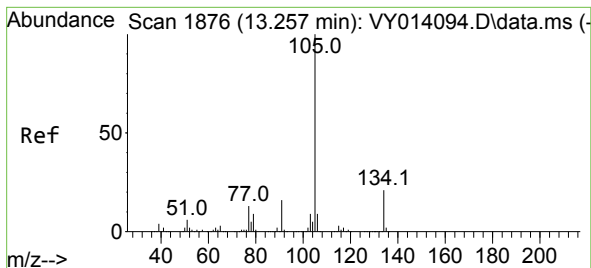
Tgt Ion:105 Resp: 202504

Ion Ratio Lower Upper

105 100

120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.970 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

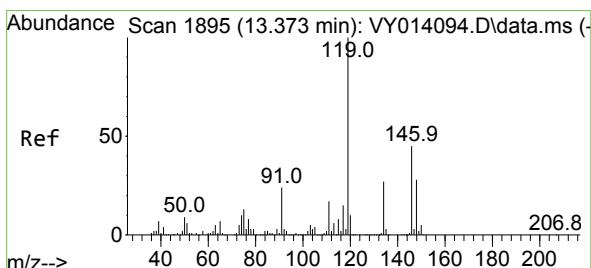
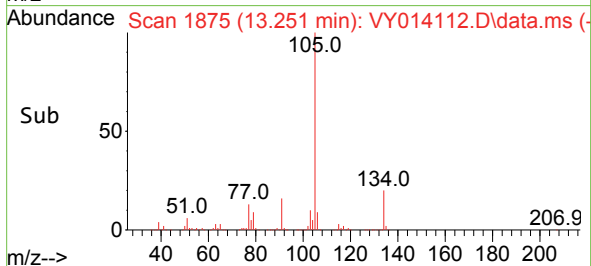
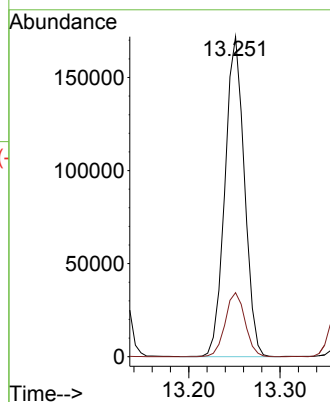
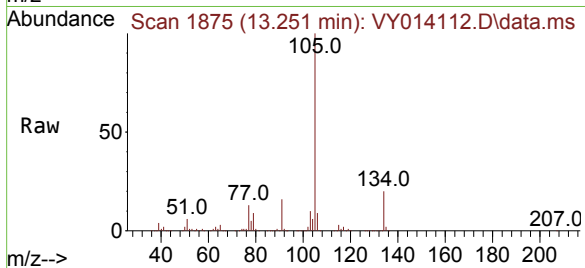
VY0612SBS01

Tgt Ion:105 Resp: 254268

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.843 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

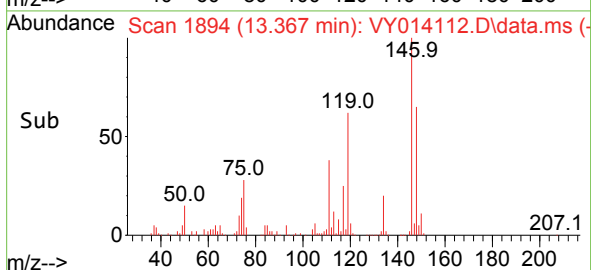
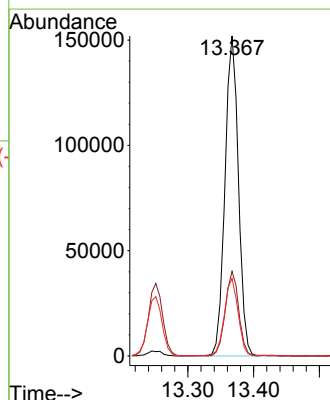
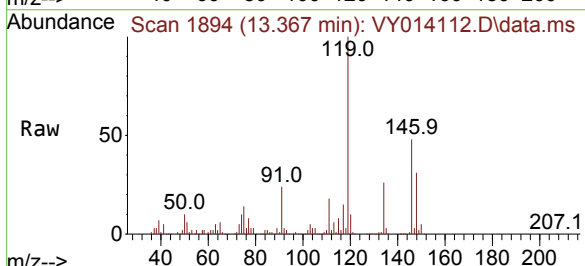
Tgt Ion:119 Resp: 216299

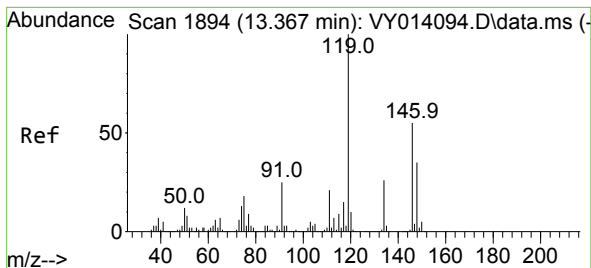
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.856 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

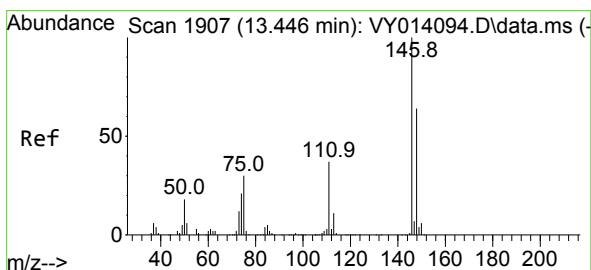
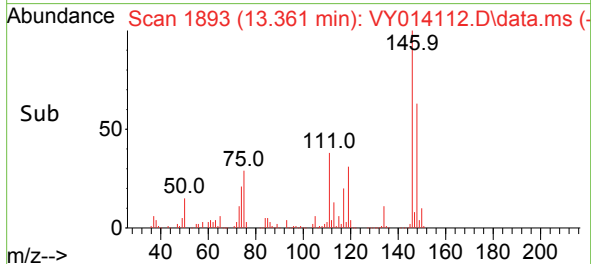
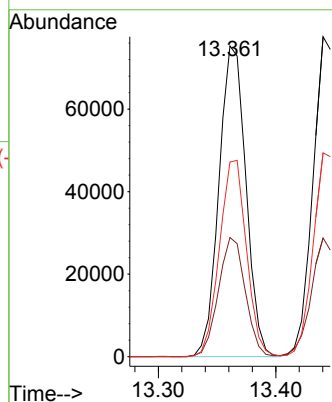
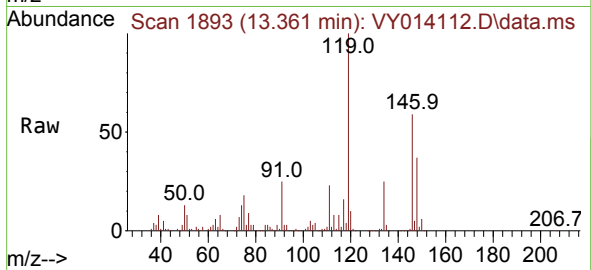
Tgt Ion:146 Resp: 119962

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.727 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

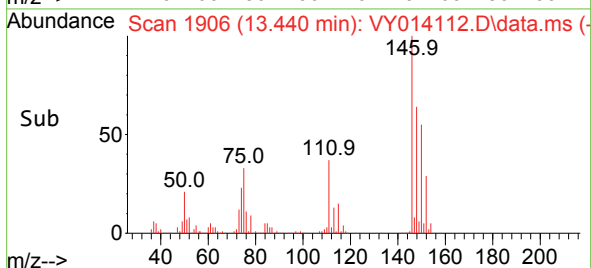
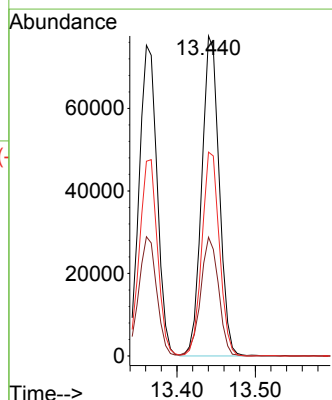
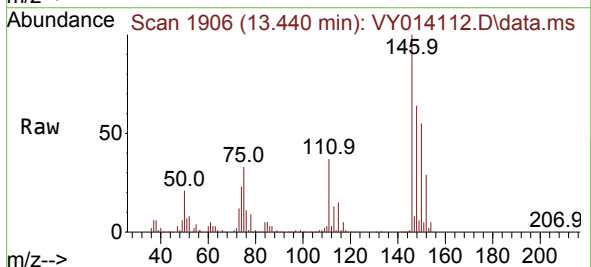
Tgt Ion:146 Resp: 120120

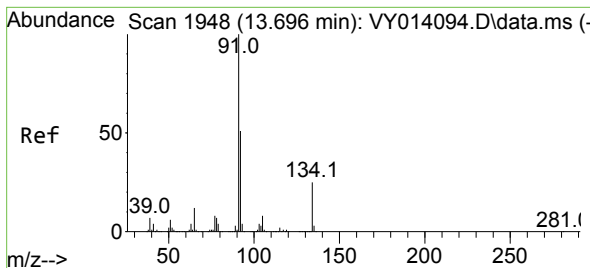
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.599 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

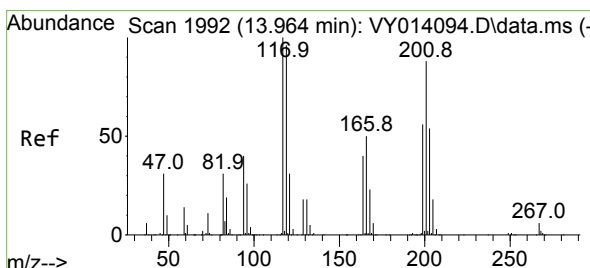
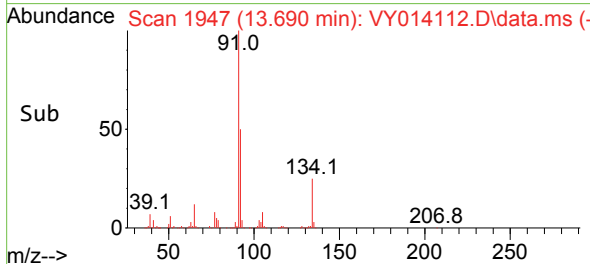
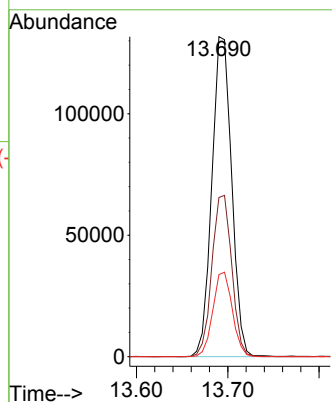
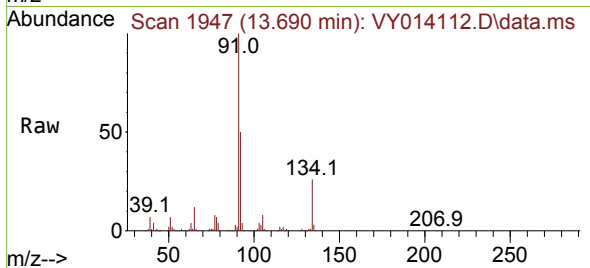
Tgt Ion: 91 Resp: 198266

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 20.944 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014112.D

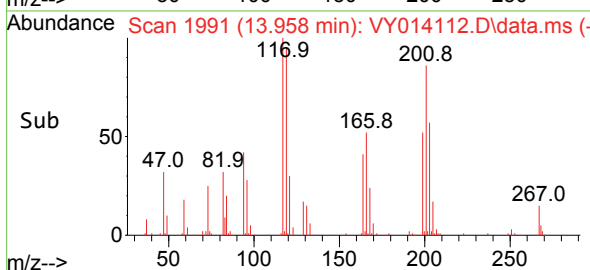
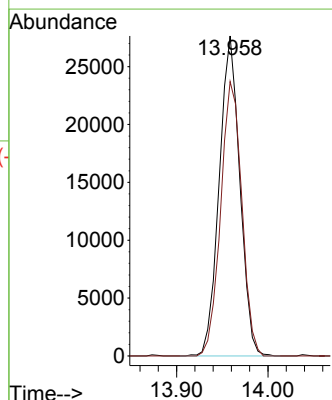
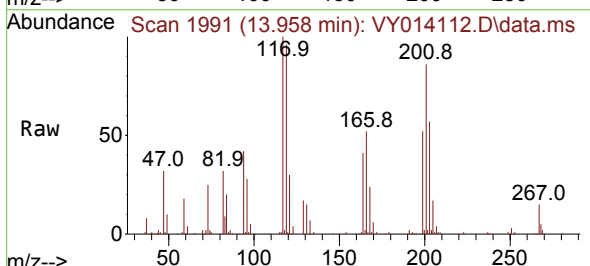
Acq: 12 Jun 2023 12:01

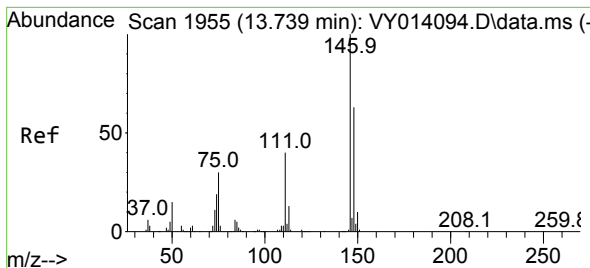
Tgt Ion: 117 Resp: 43310

Ion Ratio Lower Upper

117 100

201 87.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.240 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

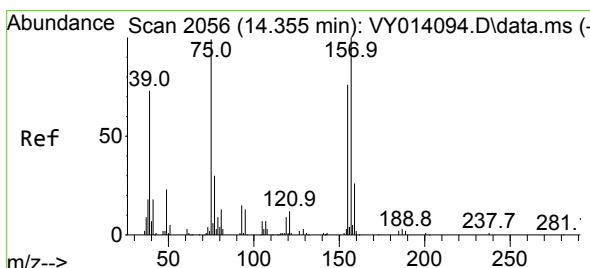
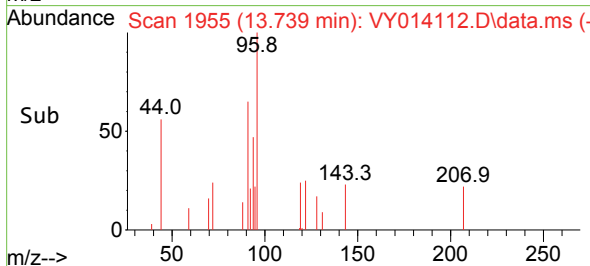
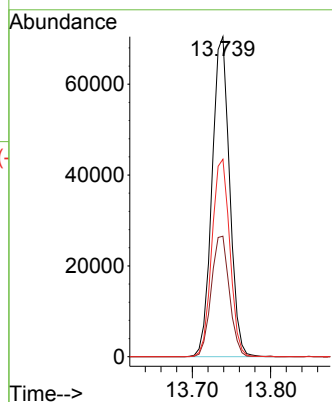
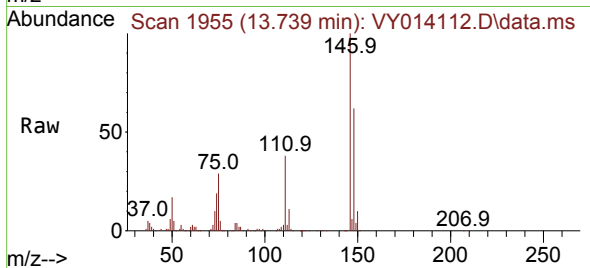
Tgt Ion:146 Resp: 109726

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 62.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.342 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

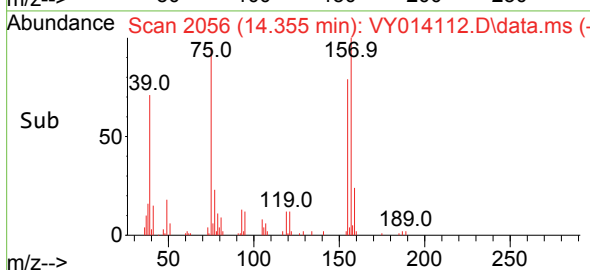
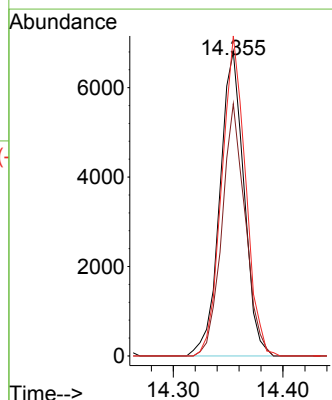
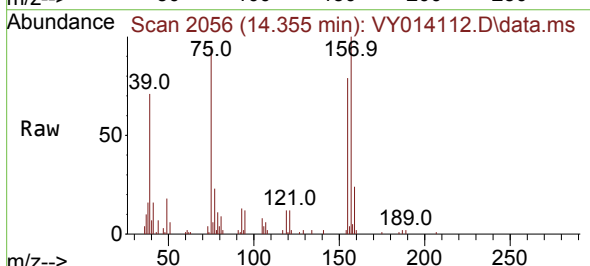
Tgt Ion: 75 Resp: 10409

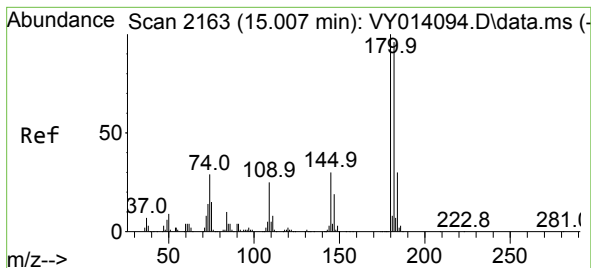
Ion Ratio Lower Upper

75 100

155 79.7 41.5 124.6

157 103.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.033 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

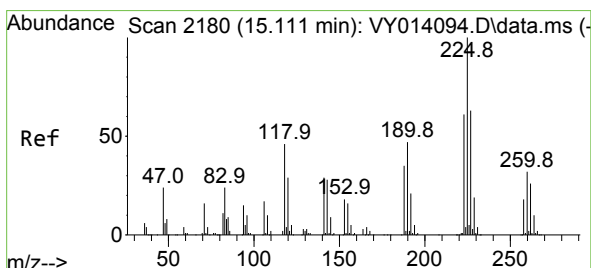
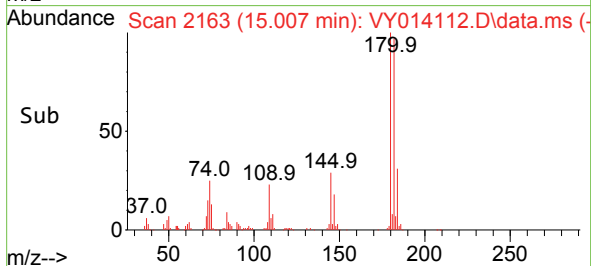
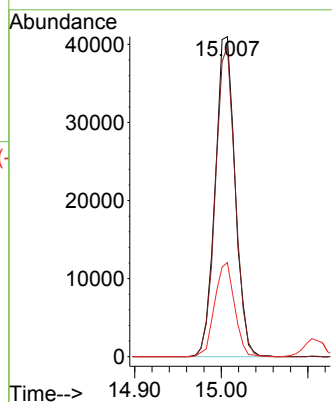
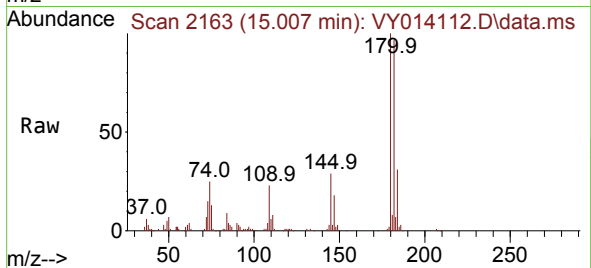
Tgt Ion:180 Resp: 65559

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.892 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

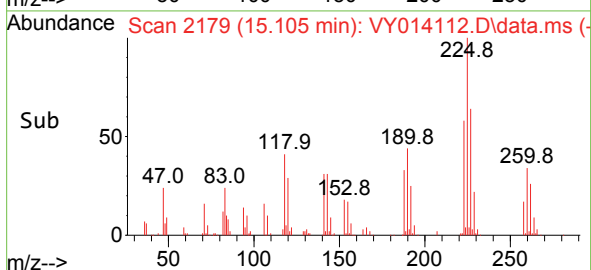
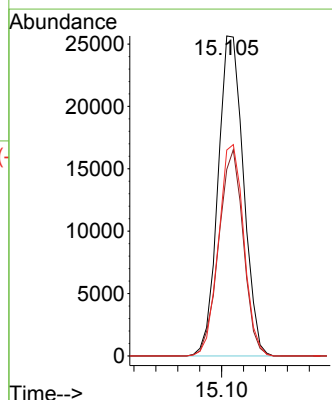
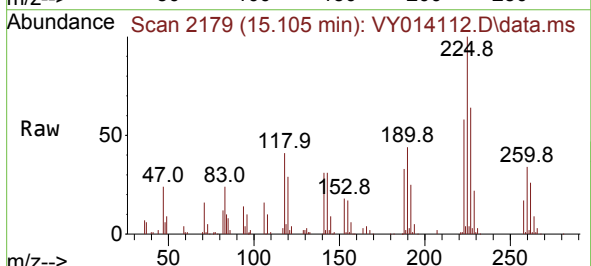
Tgt Ion:225 Resp: 41362

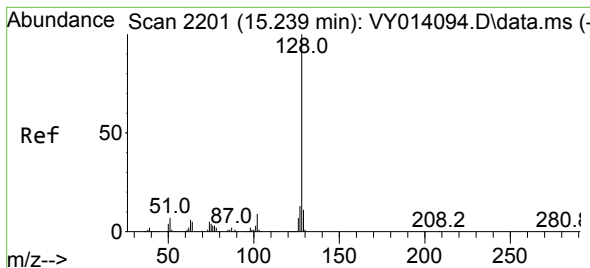
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 65.4 33.0 98.9





#95

Naphthalene

Concen: 19.848 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

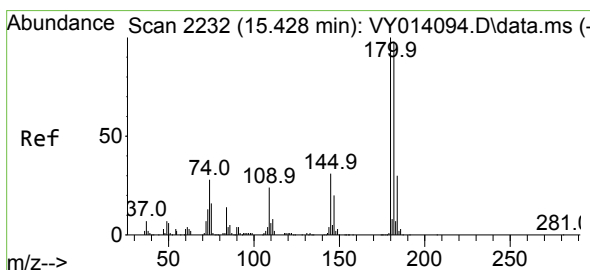
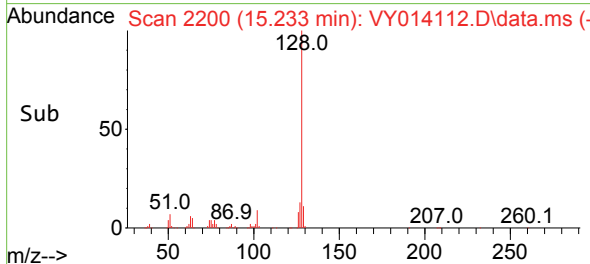
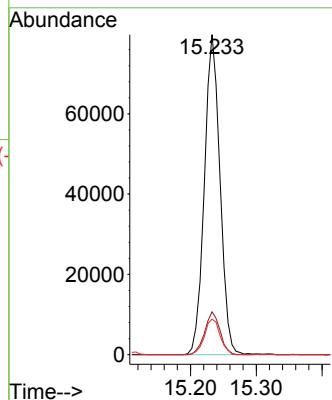
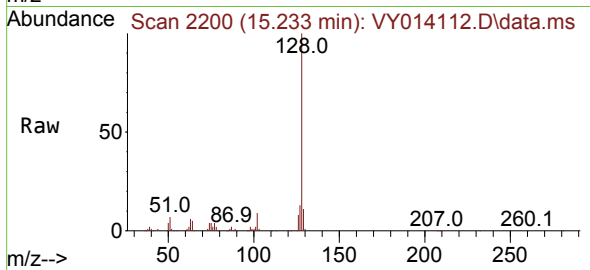
Tgt Ion:128 Resp: 131839

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.322 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014112.D

Acq: 12 Jun 2023 12:01

Tgt Ion:180 Resp: 60096

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.8

145 30.8 15.4 46.2

