

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014713.D
 Acq On : 20 Jul 2023 12:09
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Quant Time: Jul 20 14:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	230980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140821	53.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.716	113	129015	53.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.060%	
50) Toluene-d8	10.179	98	465119	52.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	12.477	95	176597	51.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	43713	23.229	ug/l	99
3) Chloromethane	2.113	50	54344	25.690	ug/l	100
4) Vinyl Chloride	2.247	62	60966	25.788	ug/l	94
5) Bromomethane	2.625	94	42798	27.393	ug/l	100
6) Chloroethane	2.778	64	38454	26.040	ug/l	95
7) Trichlorofluoromethane	3.119	101	87161	21.952	ug/l	99
8) Diethyl Ether	3.528	74	32051	21.695	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	50431	20.722	ug/l	96
10) Methyl Iodide	4.082	142	48728	20.362	ug/l	96
11) Tert butyl alcohol	4.942	59	73599	124.812	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	47138	20.724	ug/l	86
13) Acrolein	3.723	56	30550	111.048	ug/l	98
14) Allyl chloride	4.472	41	77688	19.236	ug/l	97
15) Acrylonitrile	5.155	53	91229	111.985	ug/l	100
16) Acetone	3.948	43	82241	98.601	ug/l	94
17) Carbon Disulfide	4.186	76	134241	20.614	ug/l	98
18) Methyl Acetate	4.472	43	73152	22.854	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	160162	21.677	ug/l	98
20) Methylene Chloride	4.710	84	60562	19.800	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	54204	20.999	ug/l	98
22) Diisopropyl ether	6.119	45	168120	20.475	ug/l	90
23) Vinyl Acetate	6.051	43	505641	102.906	ug/l	95
24) 1,1-Dichloroethane	6.009	63	96348	20.508	ug/l	97
25) 2-Butanone	6.984	43	130940	107.305	ug/l	95
26) 2,2-Dichloropropane	6.978	77	88072	19.670	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	63679	21.194	ug/l	95
28) Bromochloromethane	7.332	49	46414	22.939	ug/l	91
29) Tetrahydrofuran	7.338	42	85504	113.796	ug/l	91
30) Chloroform	7.502	83	101938	21.041	ug/l	98
31) Cyclohexane	7.783	56	85008	19.456	ug/l #	81
32) 1,1,1-Trichloroethane	7.698	97	90556	20.768	ug/l	98
36) 1,1-Dichloropropene	7.917	75	75295	20.892	ug/l	99
37) Ethyl Acetate	7.070	43	55414	22.332	ug/l #	93
38) Carbon Tetrachloride	7.899	117	79805	20.948	ug/l	97
39) Methylcyclohexane	9.179	83	95104	20.255	ug/l	93
40) Benzene	8.155	78	217294	21.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	78217	61.284	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	71327	21.975	ug/l	94
43) Isopropyl Acetate	8.271	43	101102	21.389	ug/l	96
44) Trichloroethene	8.941	130	60756	21.185	ug/l	96
45) 1,2-Dichloropropane	9.216	63	55147	20.604	ug/l	98
46) Dibromomethane	9.301	93	35674	21.971	ug/l	96
47) Bromodichloromethane	9.496	83	80871	21.132	ug/l	98
48) Methyl methacrylate	9.289	41	44908	21.114	ug/l	90
49) 1,4-Dioxane	9.295	88	11586	437.607	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	280641	113.082	ug/l	94
52) Toluene	10.240	92	137653	20.987	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	86898	20.759	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94394	20.736	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	49311	21.802	ug/l	96
56) Ethyl methacrylate	10.508	69	74197	21.486	ug/l	91
57) 1,3-Dichloropropane	10.788	76	83618	21.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	192491	119.630	ug/l	94
59) 2-Hexanone	10.831	43	201485	111.329	ug/l	92
60) Dibromochloromethane	10.983	129	60571	21.843	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49297	21.848	ug/l	98
64) Tetrachloroethene	10.715	164	59432	21.734	ug/l	97
65) Chlorobenzene	11.514	112	152094	20.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	58027	21.241	ug/l	99
67) Ethyl Benzene	11.593	91	271169	20.729	ug/l	98
68) m/p-Xylenes	11.703	106	210221	42.098	ug/l	96
69) o-Xylene	12.026	106	101181	20.803	ug/l	98
70) Styrene	12.044	104	175245	21.378	ug/l	96
71) Bromoform	12.203	173	40578	21.914	ug/l #	98
73) Isopropylbenzene	12.325	105	271625	20.130	ug/l	100
74) N-amyl acetate	12.142	43	90815	20.095	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	64319	20.902	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	85104	39.101	ug/l #	100
77) Bromobenzene	12.605	156	63664	20.669	ug/l	95
78) n-propylbenzene	12.666	91	325129	19.995	ug/l	100
79) 2-Chlorotoluene	12.751	91	186417	19.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	226694	20.116	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22648	20.147	ug/l	94
82) 4-Chlorotoluene	12.849	91	191357	19.839	ug/l	100
83) tert-Butylbenzene	13.075	119	200510	20.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	222707	20.137	ug/l	99
85) sec-Butylbenzene	13.251	105	295387	20.143	ug/l	100
86) p-Isopropyltoluene	13.367	119	243378	20.327	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	124236	20.724	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	125523	20.895	ug/l	98
89) n-Butylbenzene	13.696	91	230013	19.746	ug/l	97
90) Hexachloroethane	13.959	117	48499	19.721	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	113942	20.745	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12444	21.146	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	71191	20.419	ug/l	98
94) Hexachlorobutadiene	15.111	225	39317	20.521	ug/l	97
95) Naphthalene	15.233	128	167632	20.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63197	20.395	ug/l	99

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Response via : Initial Calibration

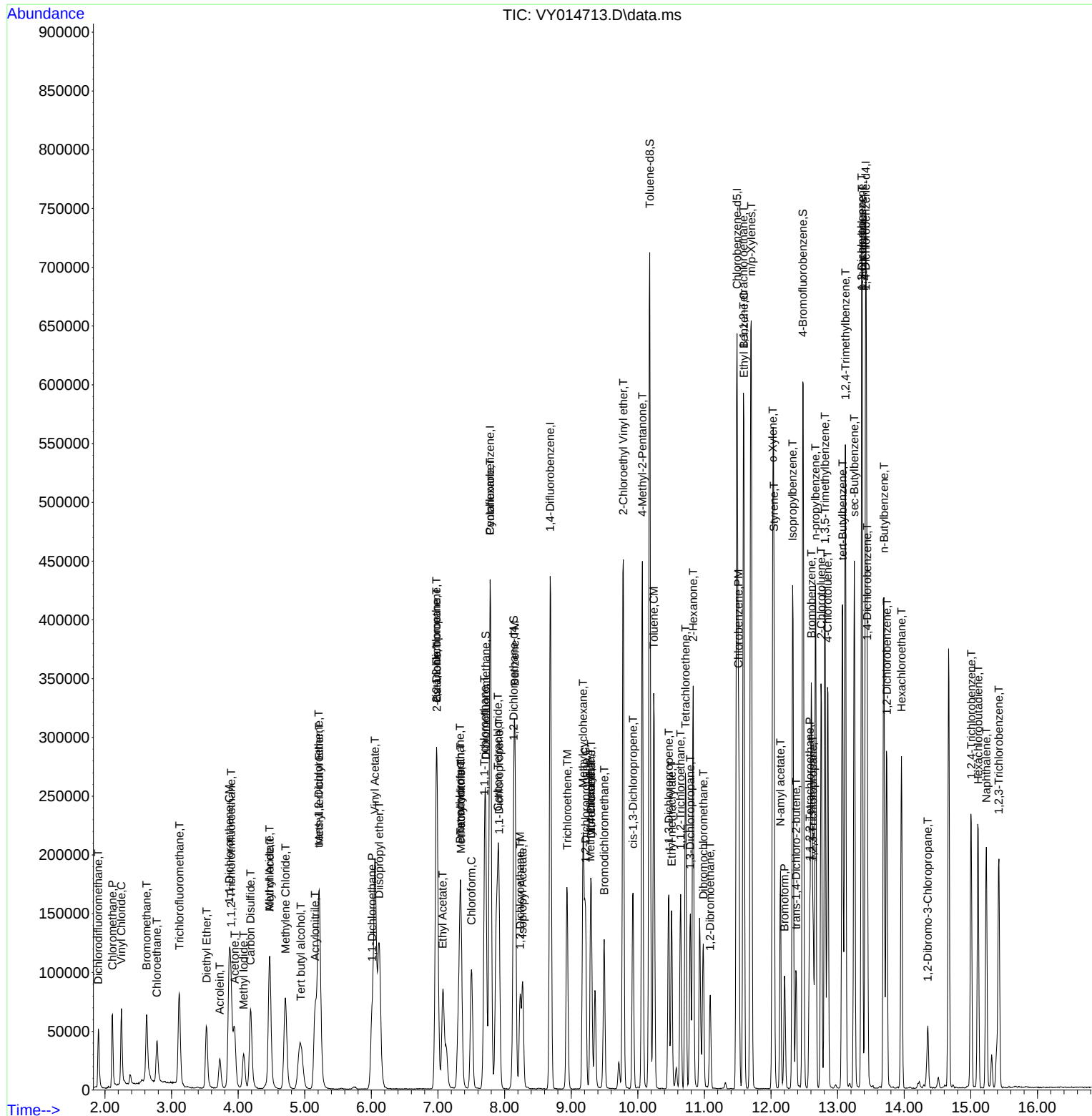
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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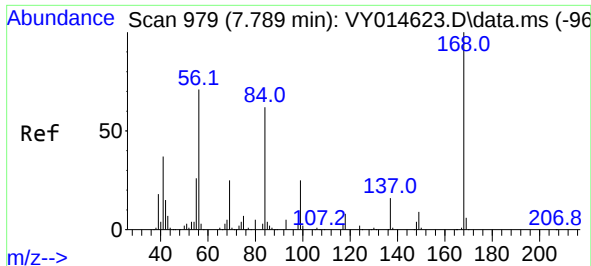
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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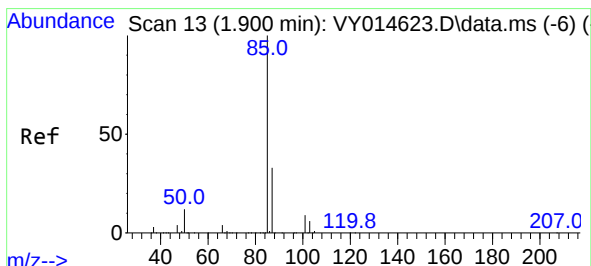
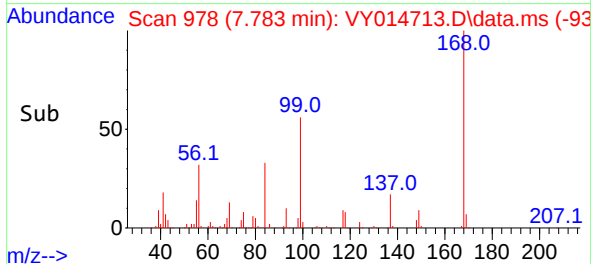
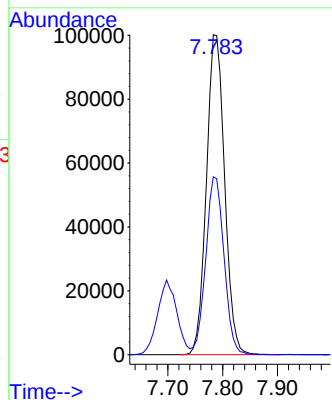
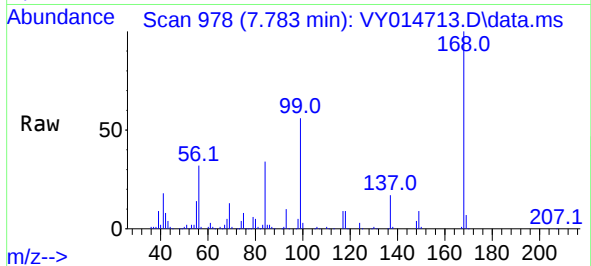




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014713.D
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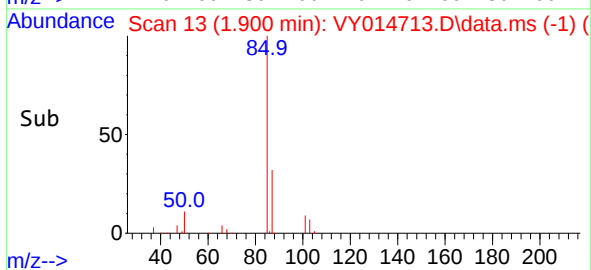
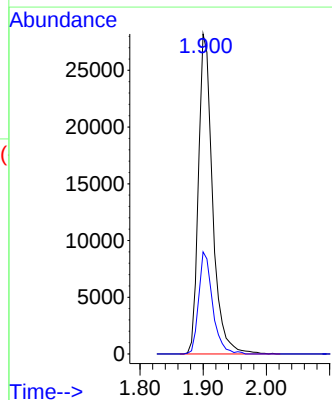
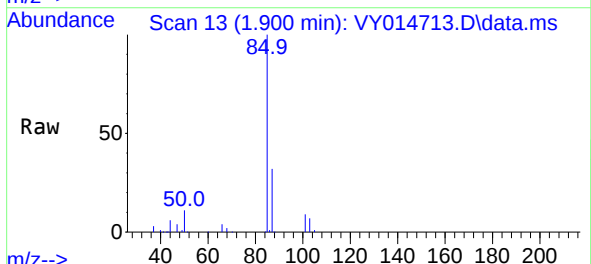
Instrument :
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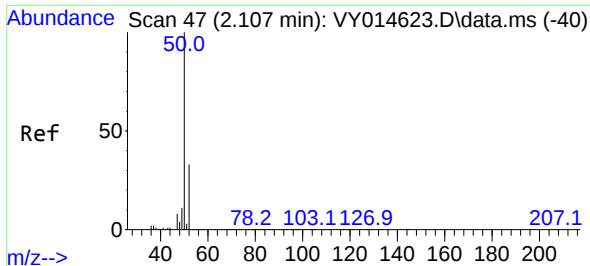
Tgt Ion:168 Resp: 230980
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.229 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 85 Resp: 43713
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

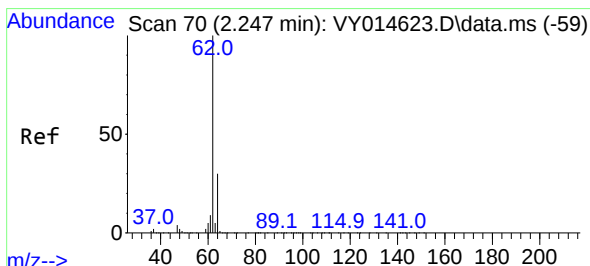
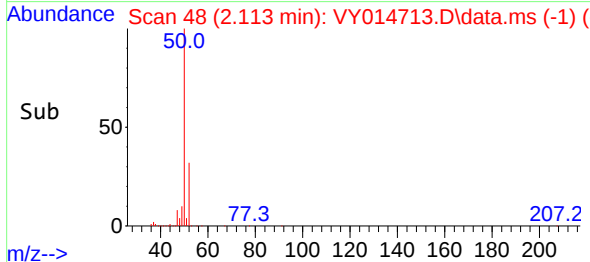
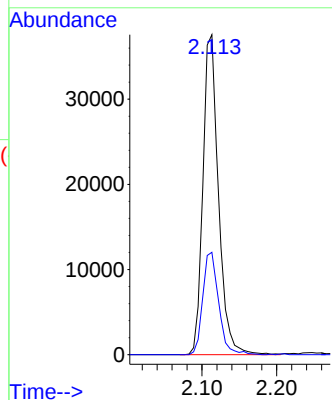
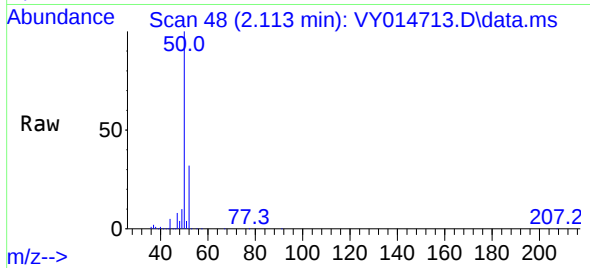




#3
Chloromethane
Concen: 25.690 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

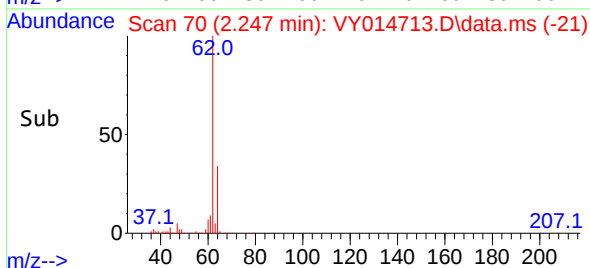
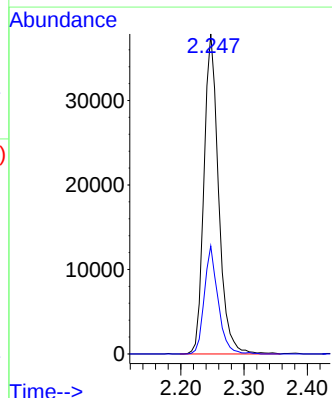
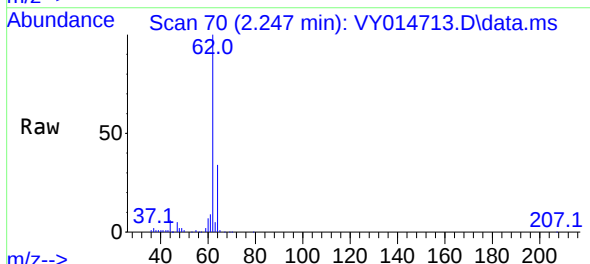
Instrument :
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ClientSampleId :
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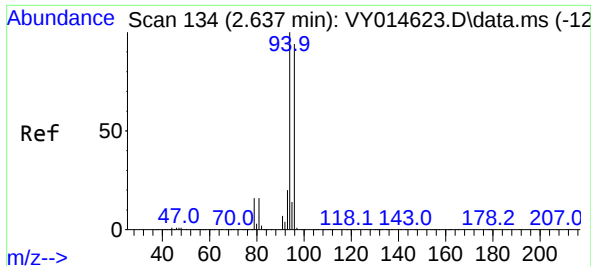
Tgt Ion: 50 Resp: 54344
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 25.788 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 62 Resp: 60966
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5

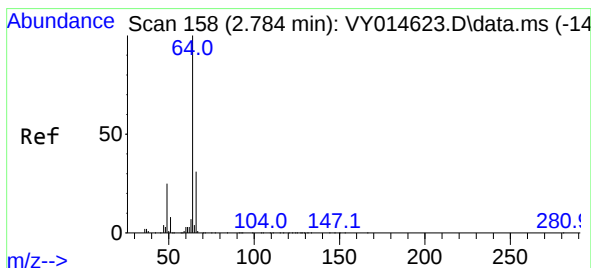
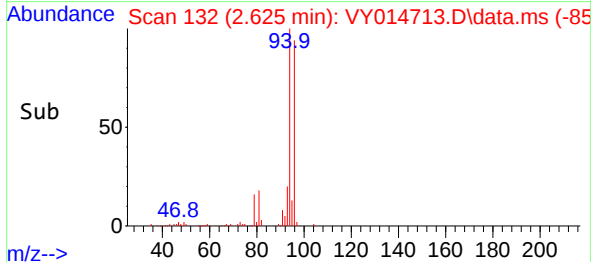
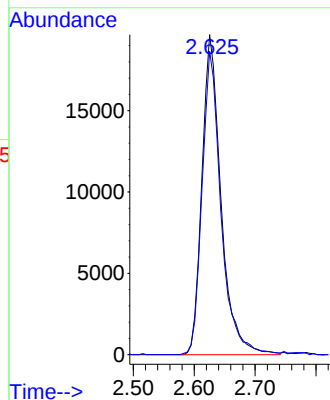
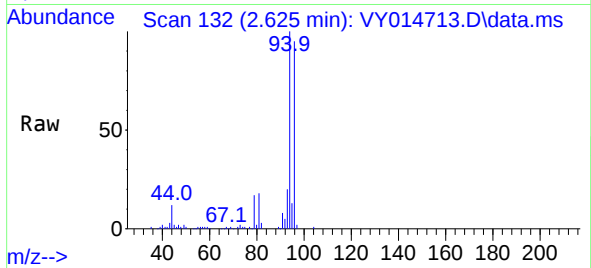




#5
Bromomethane
Concen: 27.393 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014713.D
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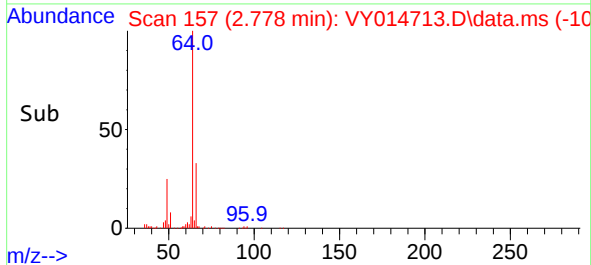
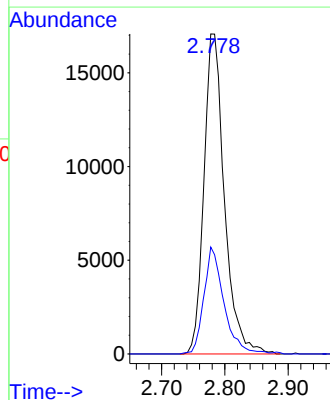
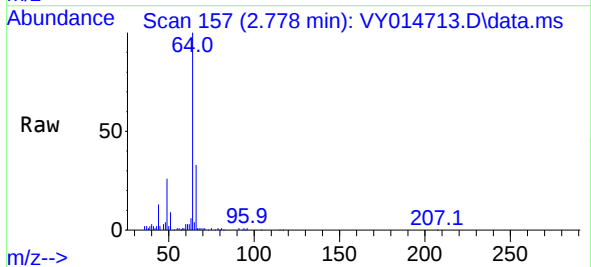
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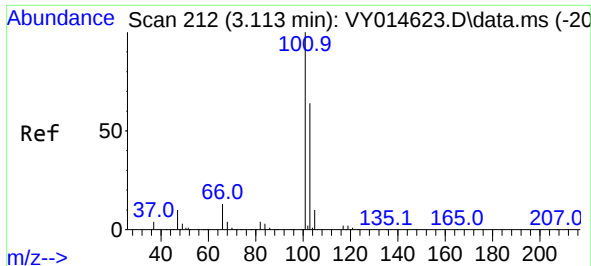
Tgt Ion: 94 Resp: 42798
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 26.040 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 64 Resp: 38454
Ion Ratio Lower Upper
64 100
66 33.4 24.4 36.6

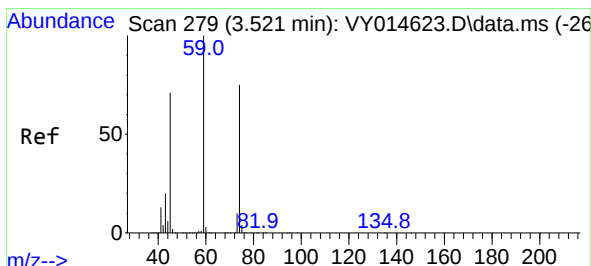
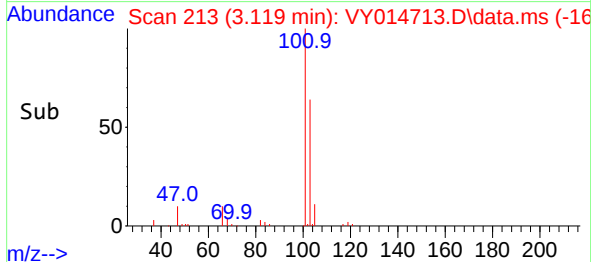
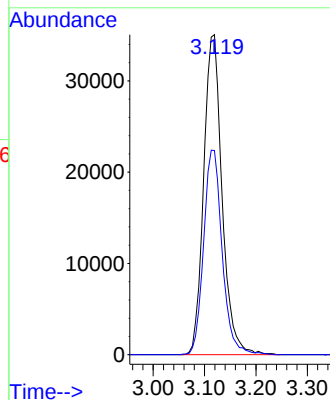
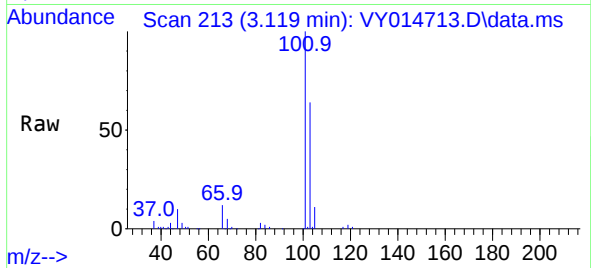




#7
Trichlorofluoromethane
Concen: 21.952 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

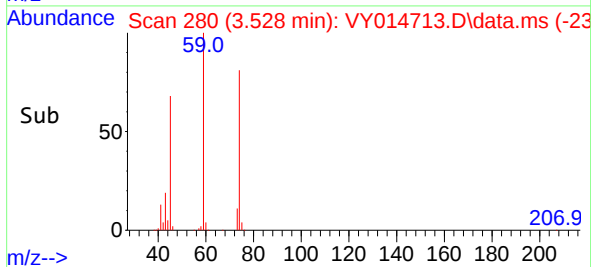
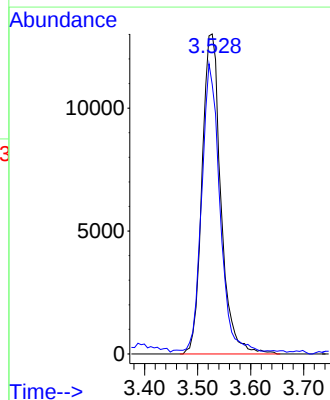
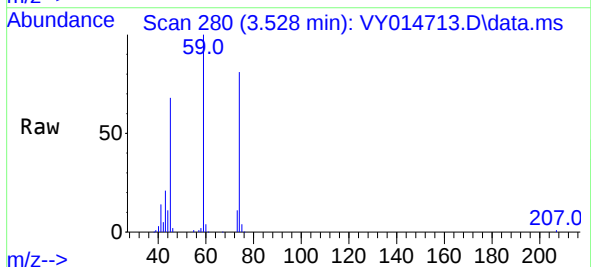
Instrument :
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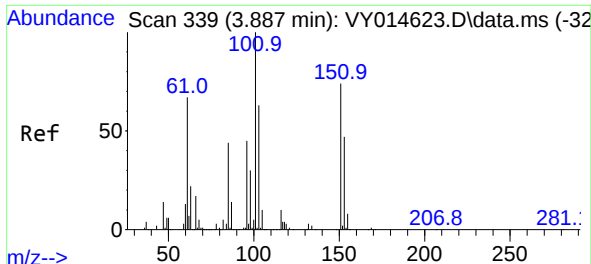
Tgt Ion:101 Resp: 87161
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 21.695 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 74 Resp: 32051
Ion Ratio Lower Upper
74 100
45 86.3 51.5 154.5

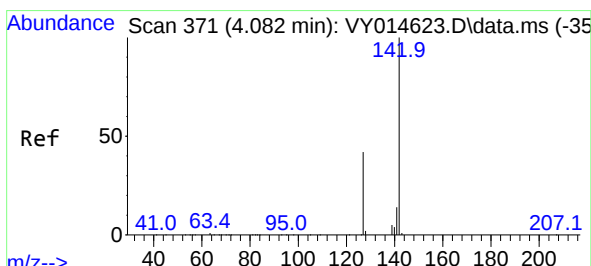
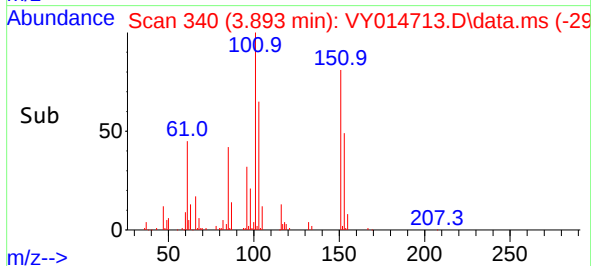
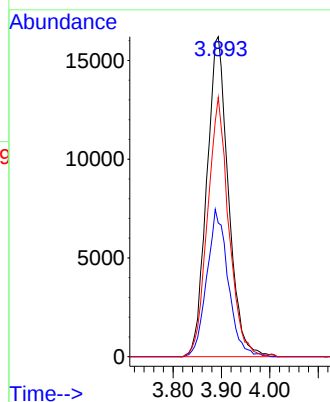
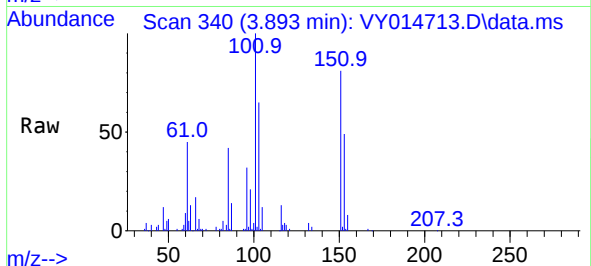




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.722 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

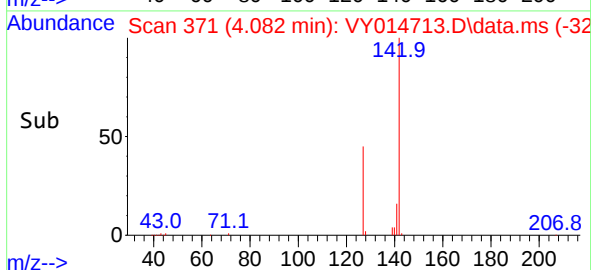
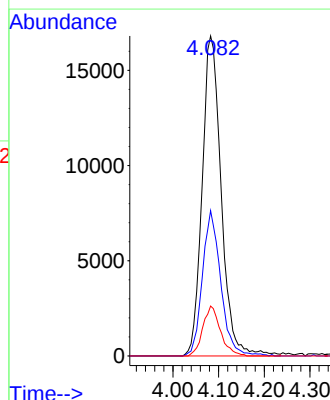
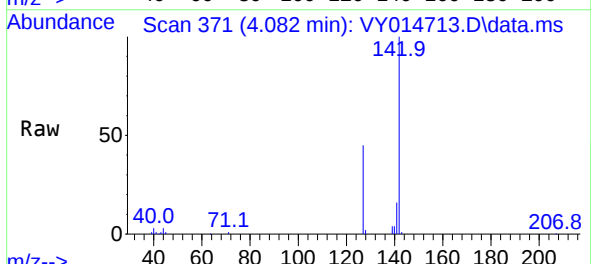
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

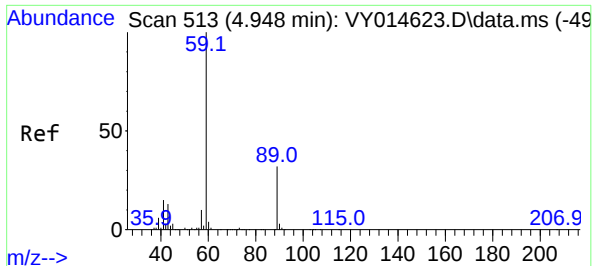
Tgt Ion:101 Resp: 50431
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 20.362 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:142 Resp: 48728
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 124.812 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

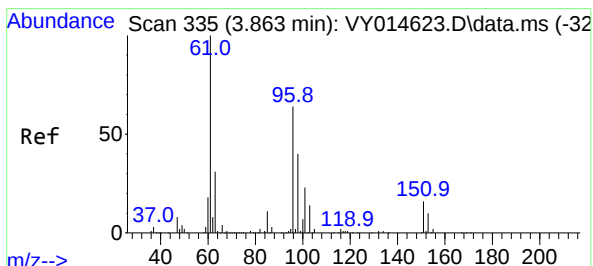
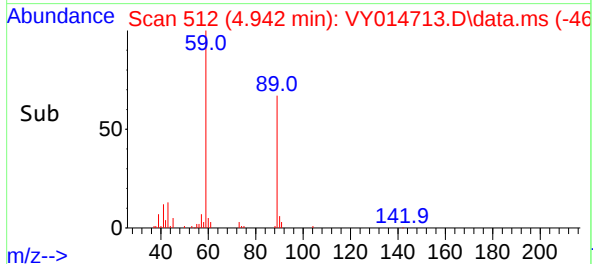
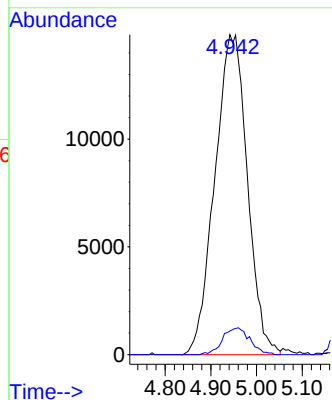
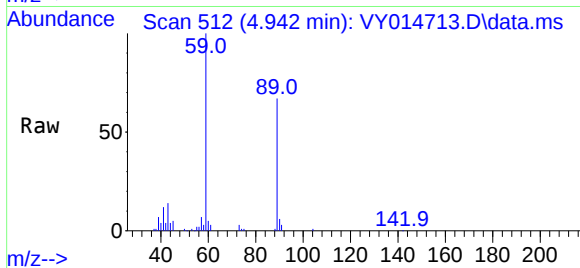
VY0720SBS01

Tgt Ion: 59 Resp: 73599

Ion Ratio Lower Upper

59 100

57 7.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.724 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

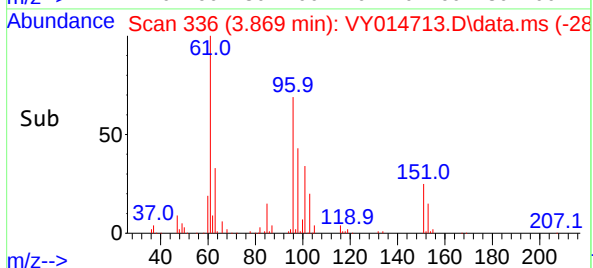
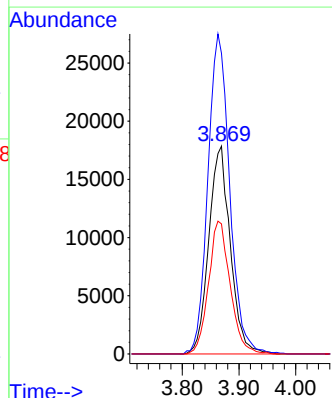
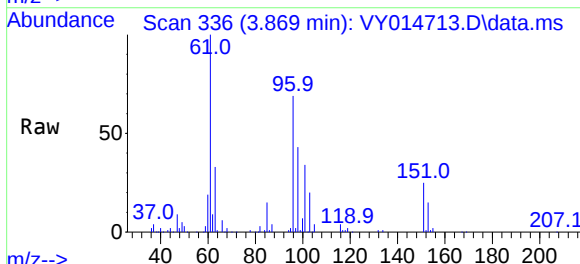
Tgt Ion: 96 Resp: 47138

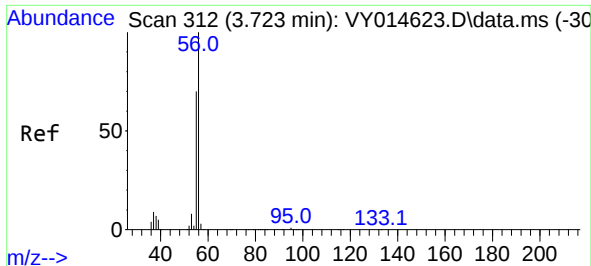
Ion Ratio Lower Upper

96 100

61 144.7 136.4 204.6

98 62.6 49.4 74.2

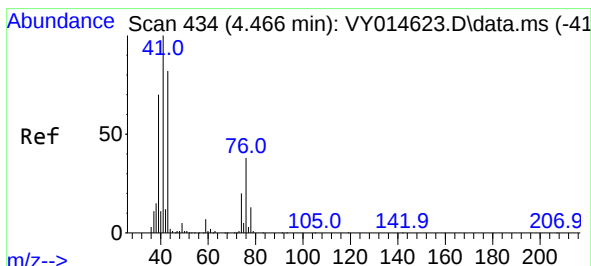
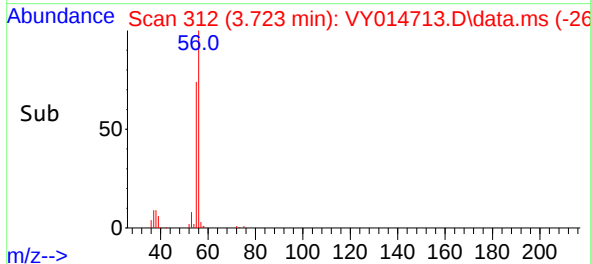
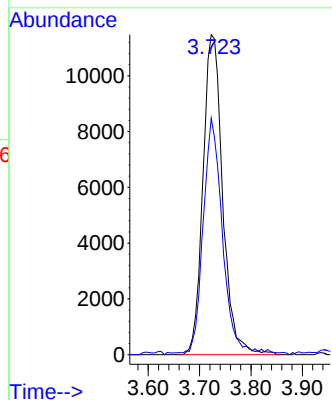
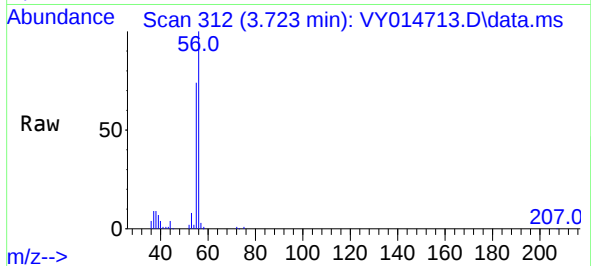




#13
Acrolein
Concen: 111.048 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

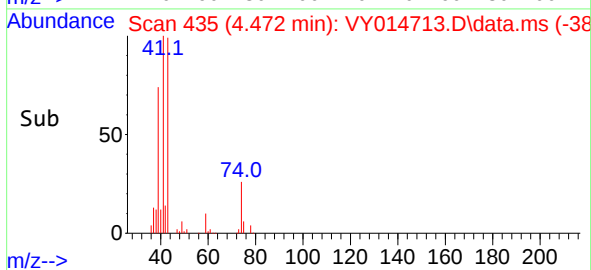
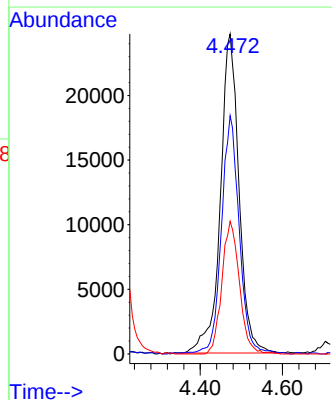
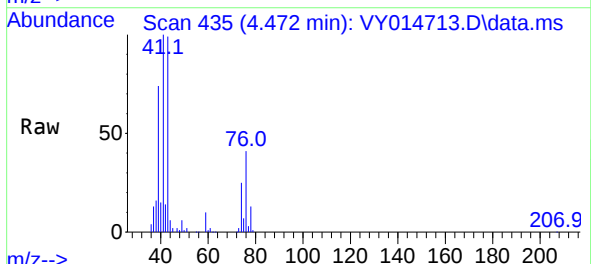
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

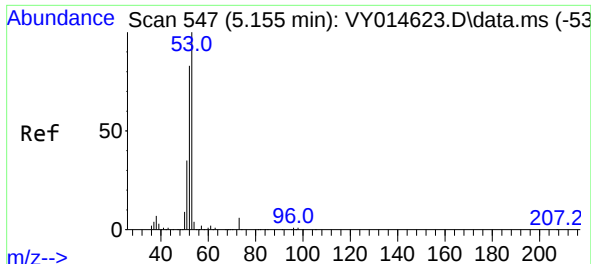
Tgt Ion: 56 Resp: 30550
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4



#14
Allyl chloride
Concen: 19.236 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 41 Resp: 77688
Ion Ratio Lower Upper
41 100
39 71.8 58.0 87.0
76 39.0 27.4 41.2

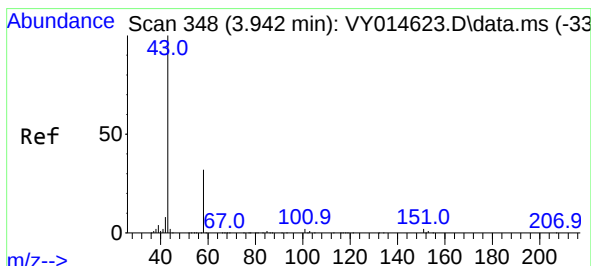
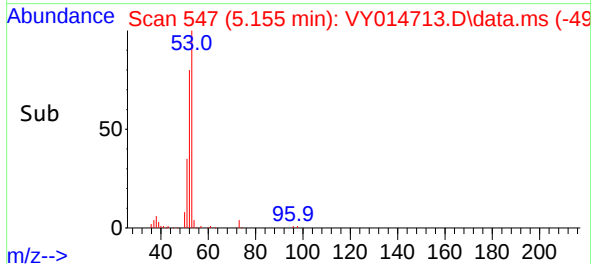
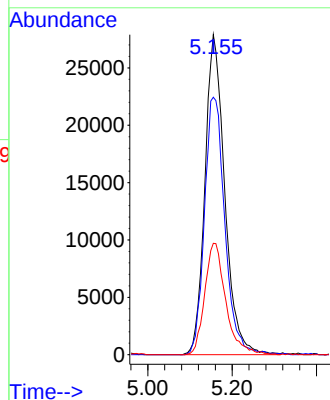
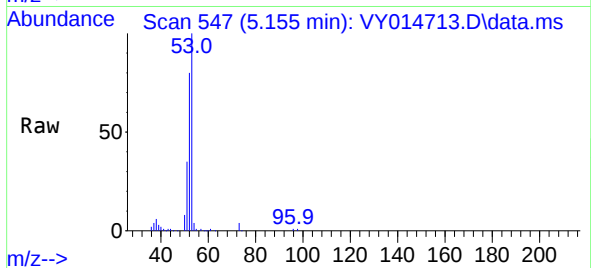




#15
Acrylonitrile
Concen: 111.985 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

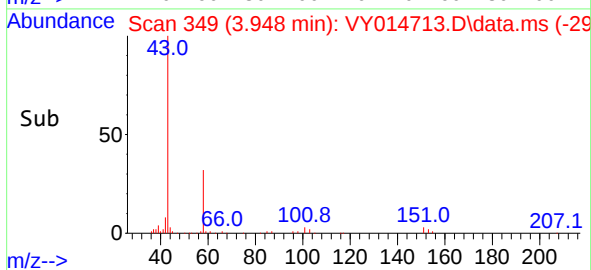
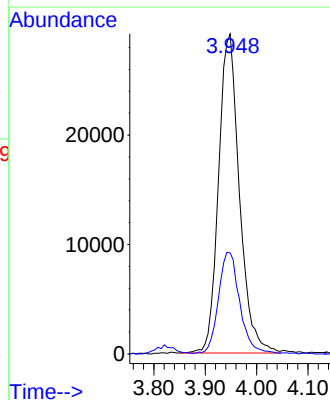
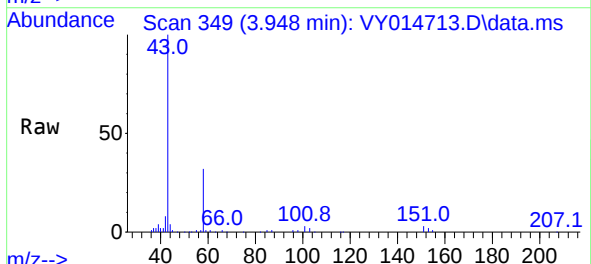
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

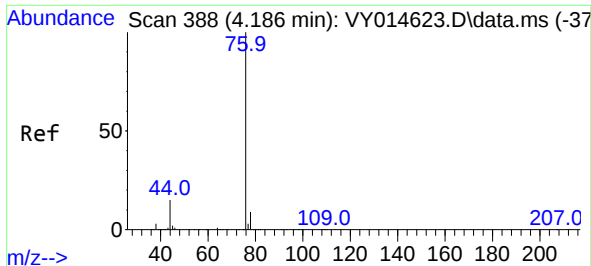
Tgt Ion: 53 Resp: 91229
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 98.601 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 43 Resp: 82241
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

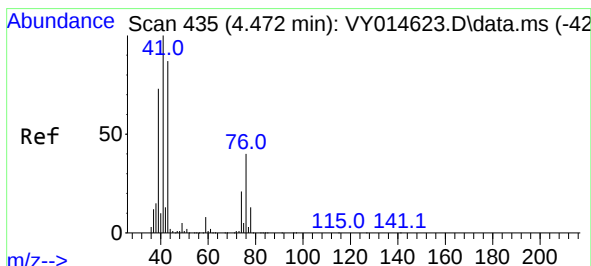
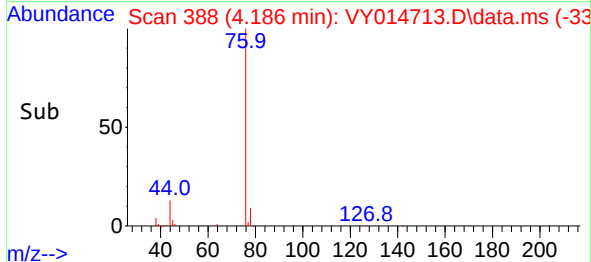
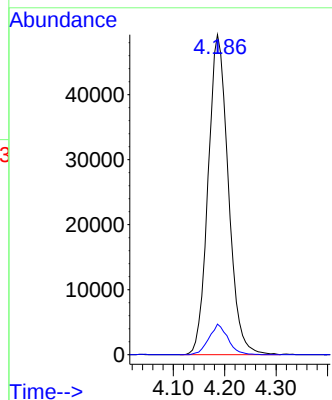
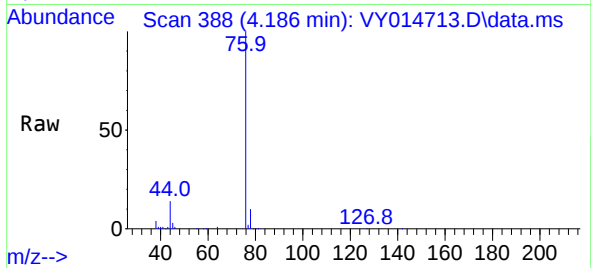




#17
Carbon Disulfide
Concen: 20.614 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

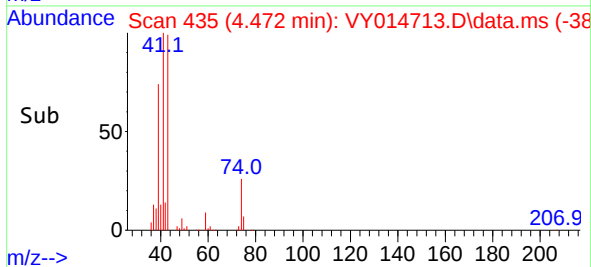
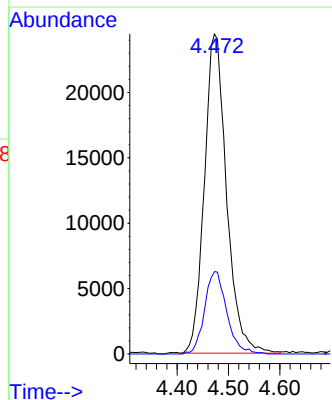
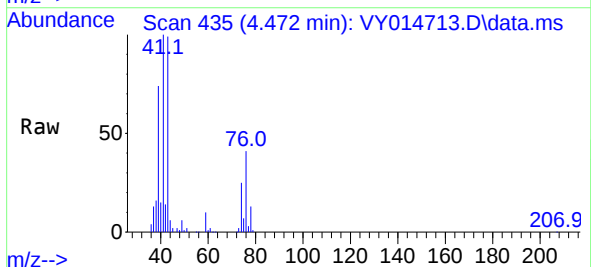
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

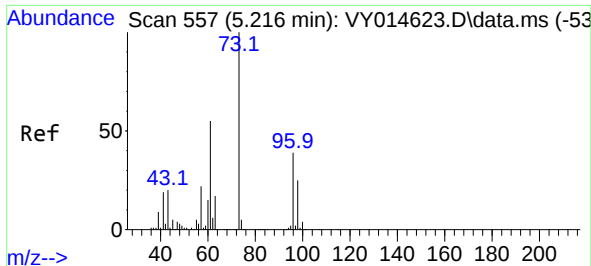
Tgt Ion: 76 Resp: 134241
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 22.854 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 43 Resp: 73152
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

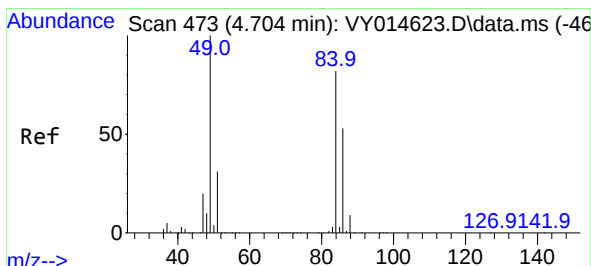
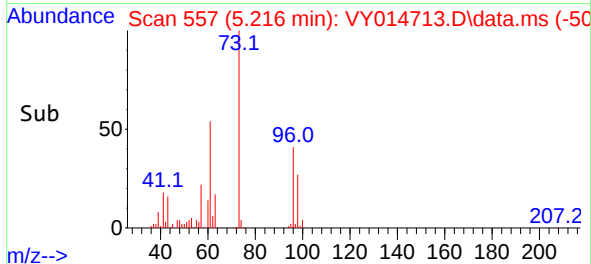
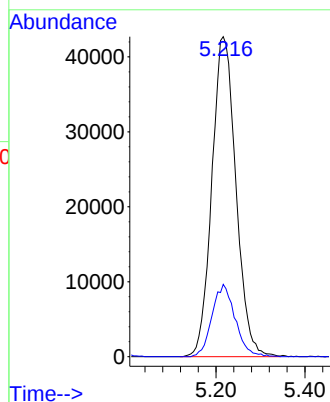
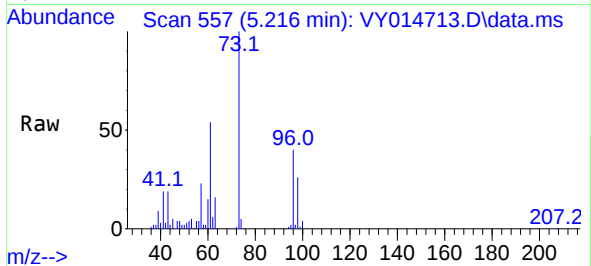




#19
Methyl tert-butyl Ether
Concen: 21.677 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

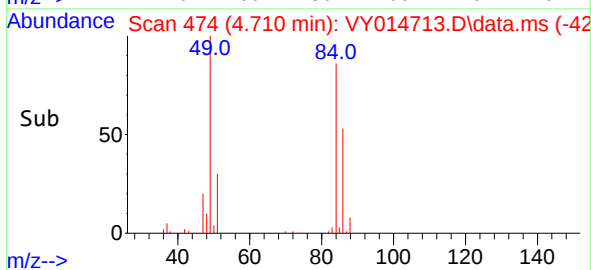
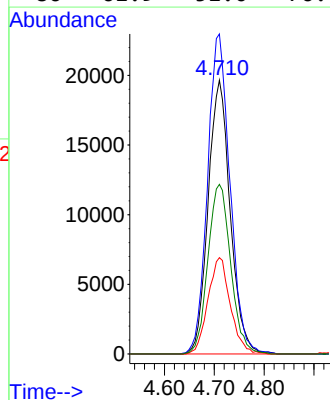
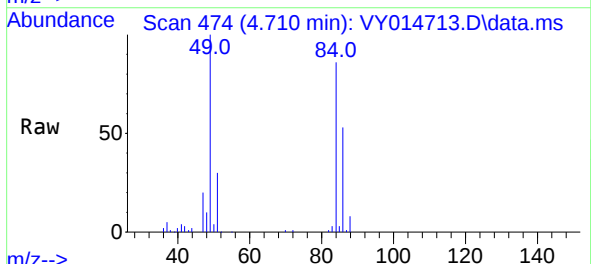
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

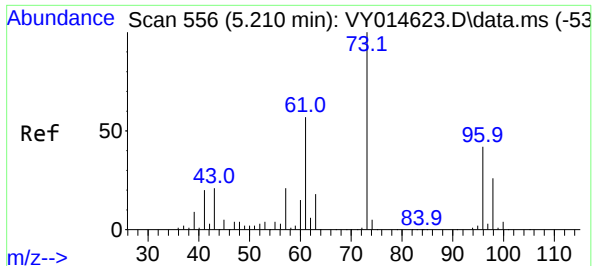
Tgt Ion: 73 Resp: 160162
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 19.800 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 84 Resp: 60562
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 35.2 33.2 49.8
86 61.9 51.0 76.6

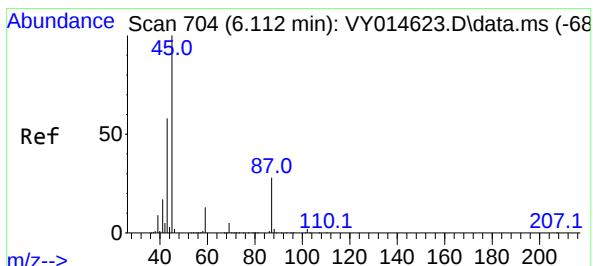
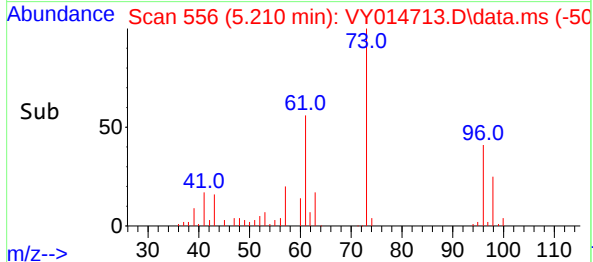
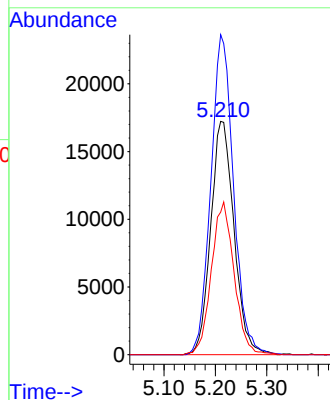
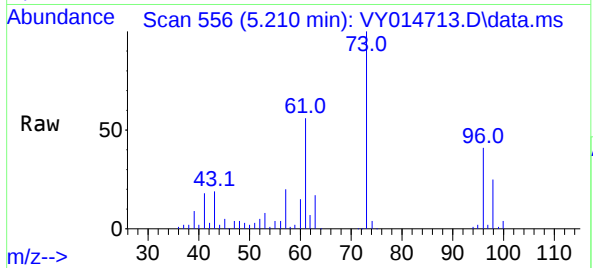




#21
trans-1,2-Dichloroethene
Concen: 20.999 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

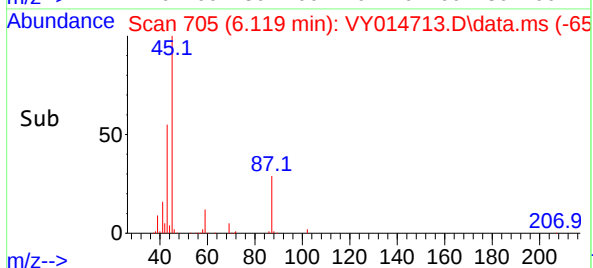
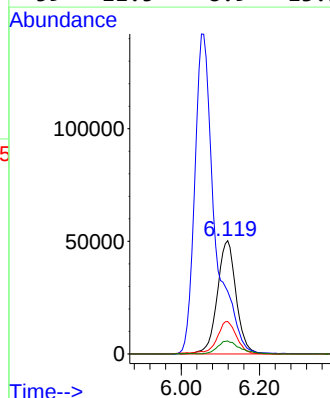
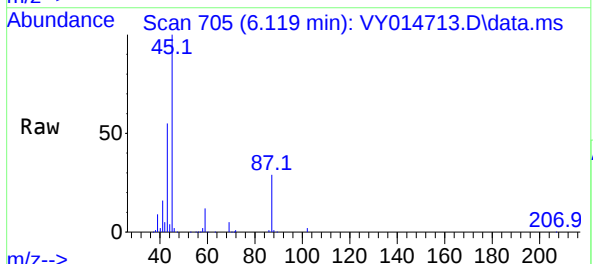
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

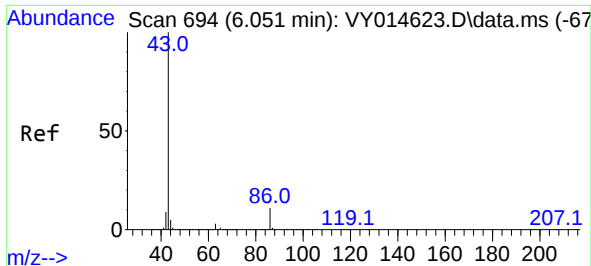
Tgt Ion: 96 Resp: 54204
Ion Ratio Lower Upper
96 100
61 137.2 110.2 165.4
98 61.1 51.8 77.6



#22
Diisopropyl ether
Concen: 20.475 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 45 Resp: 168120
Ion Ratio Lower Upper
45 100
43 54.8 52.2 78.4
87 28.8 21.0 31.6
59 11.5 8.9 13.3

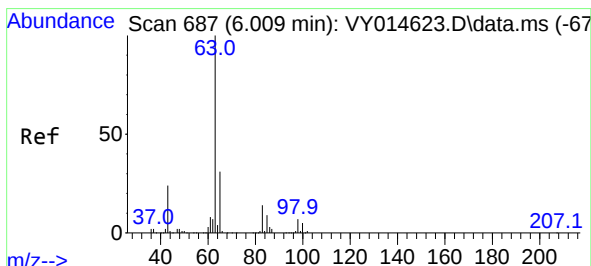
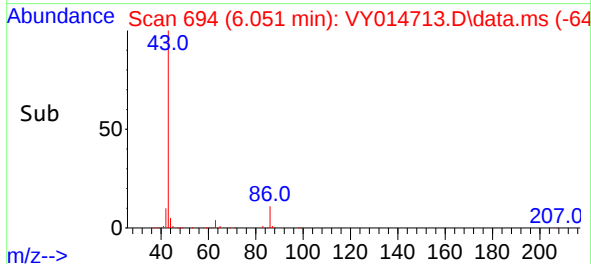
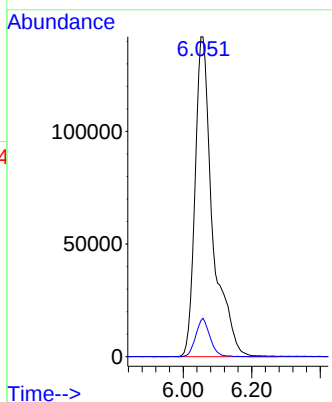
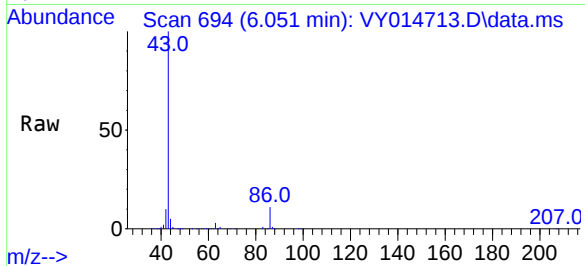




#23
 Vinyl Acetate
 Concen: 102.906 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09

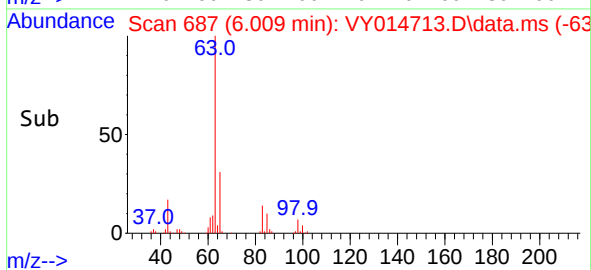
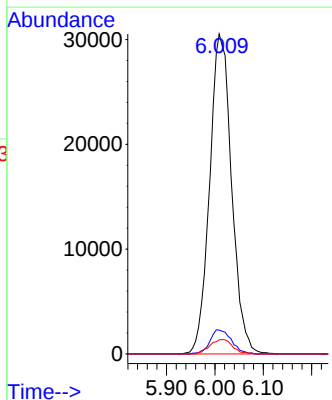
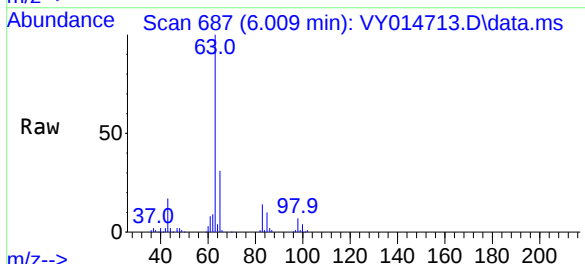
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

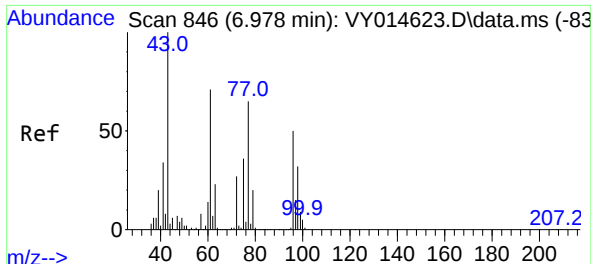
Tgt Ion: 43 Resp: 505641
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.508 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09

Tgt Ion: 63 Resp: 96348
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.4 1.8 5.5

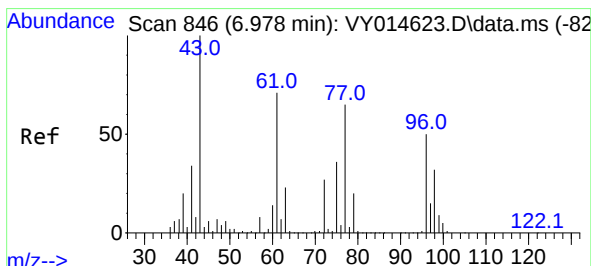
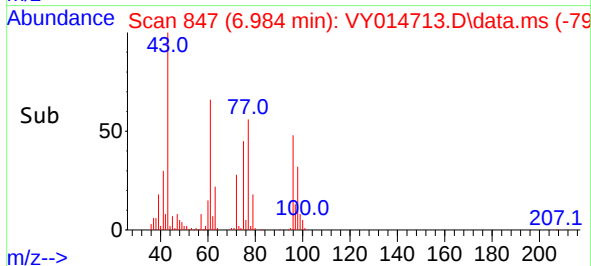
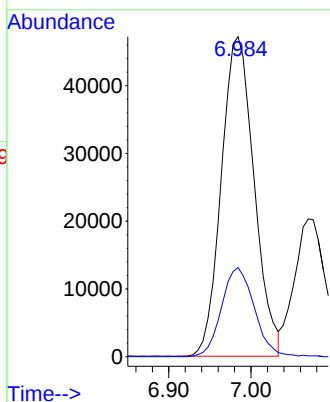
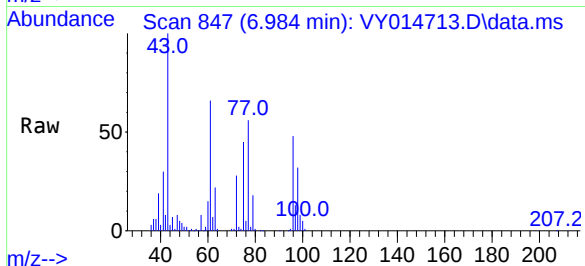




#25
2-Butanone
Concen: 107.305 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

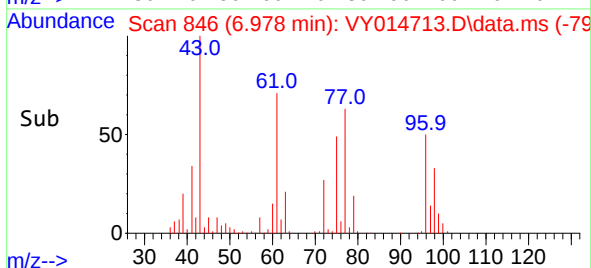
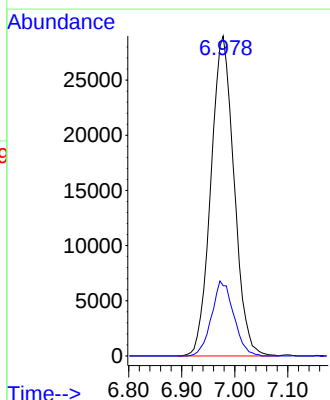
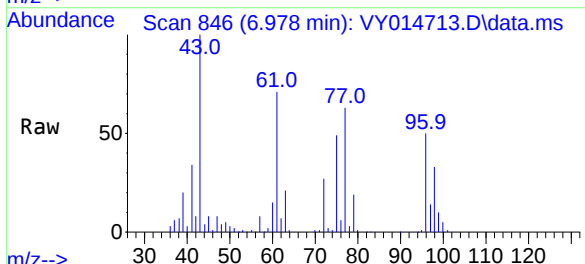
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

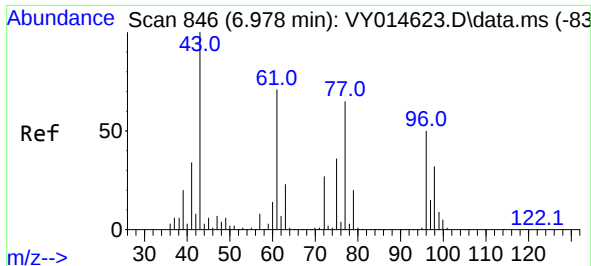
Tgt Ion: 43 Resp: 130940
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.670 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 77 Resp: 88072
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9

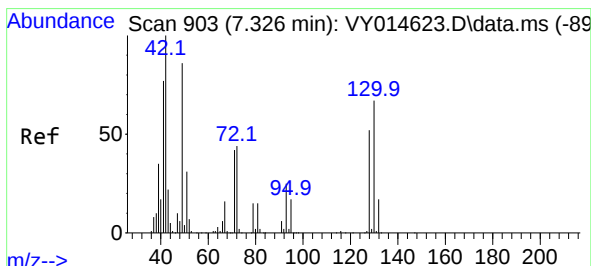
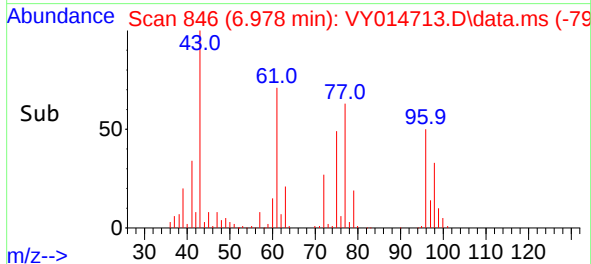
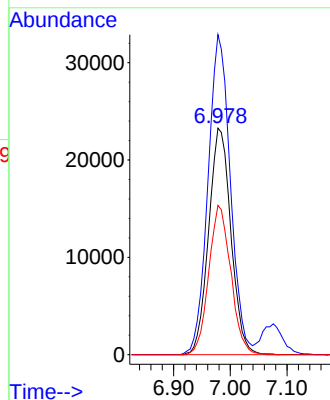
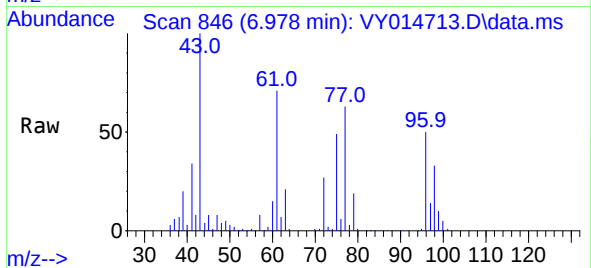




#27
 cis-1,2-Dichloroethene
 Concen: 21.194 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09

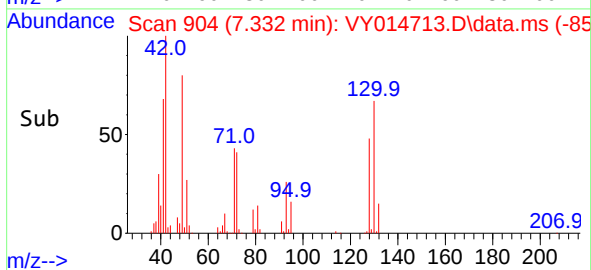
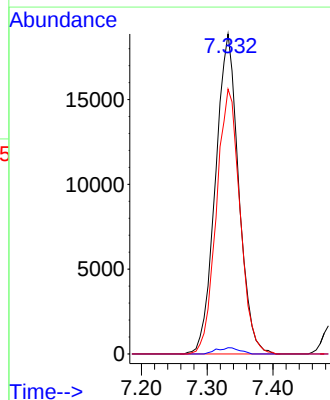
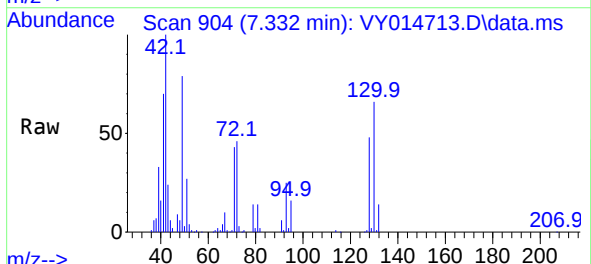
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

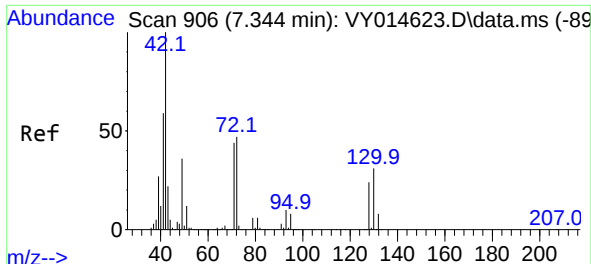
Tgt Ion: 96 Resp: 63679
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 22.939 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09

Tgt Ion: 49 Resp: 46414
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 83.9 60.7 91.1

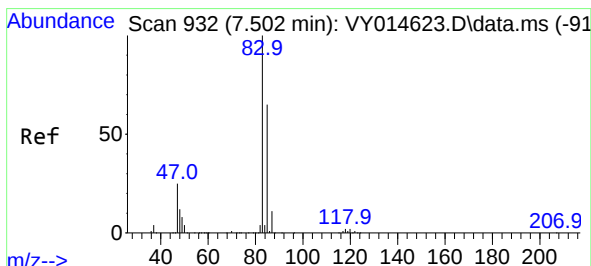
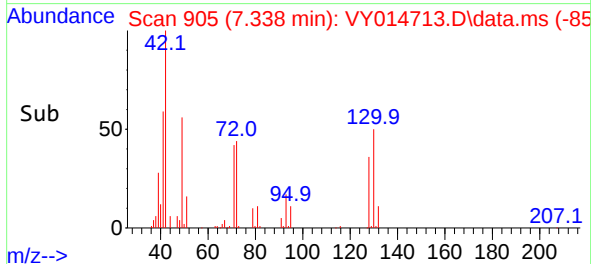
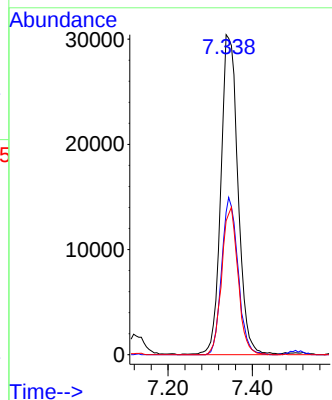
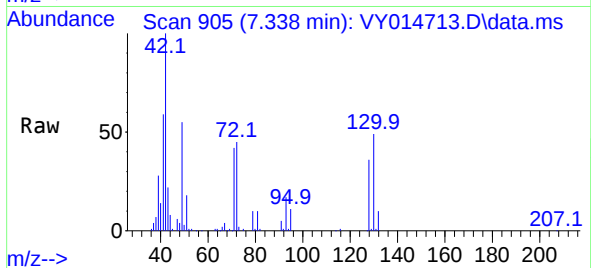




#29
Tetrahydrofuran
Concen: 113.796 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

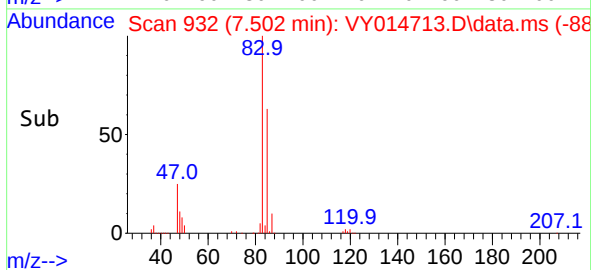
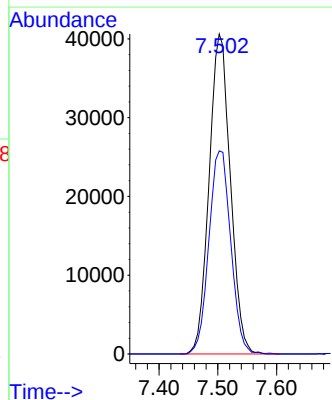
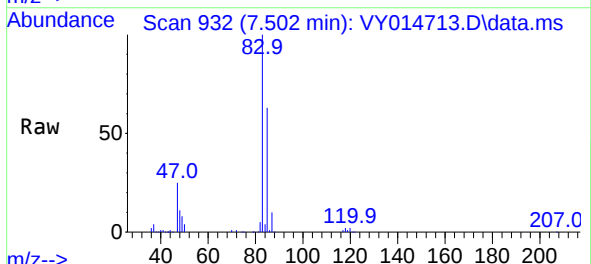
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

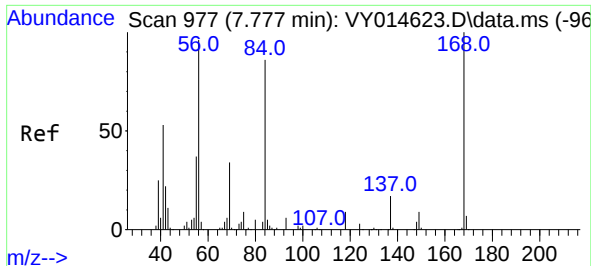
Tgt Ion: 42 Resp: 85504
Ion Ratio Lower Upper
42 100
72 46.7 32.8 49.2
71 43.5 31.0 46.4



#30
Chloroform
Concen: 21.041 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 83 Resp: 101938
Ion Ratio Lower Upper
83 100
85 63.4 49.7 74.5

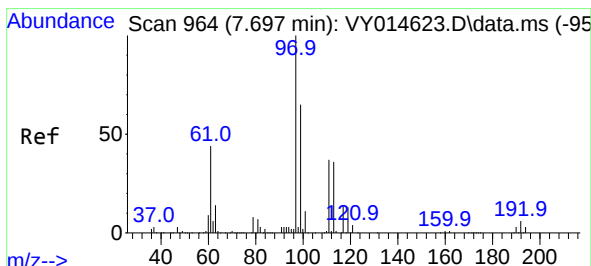
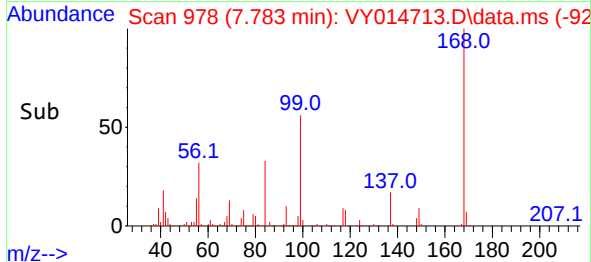
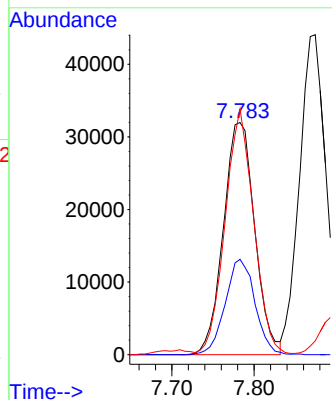
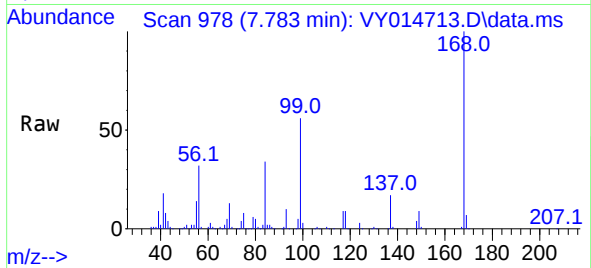




#31
Cyclohexane
Concen: 19.456 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

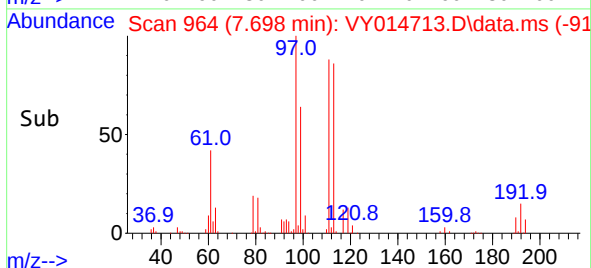
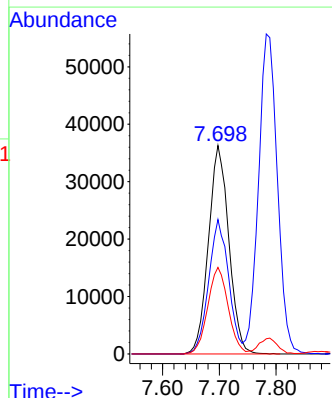
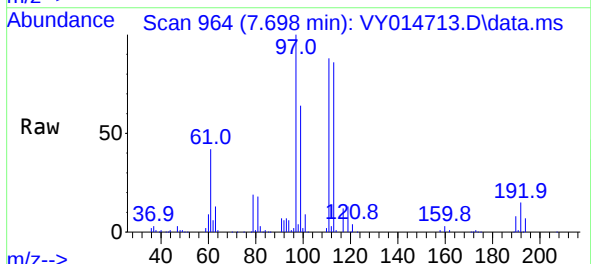
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

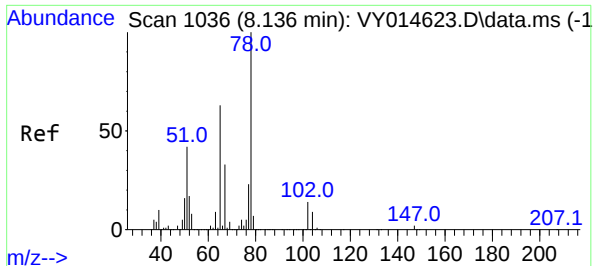
Tgt Ion: 56 Resp: 85008
Ion Ratio Lower Upper
56 100
69 41.1 27.8 41.6
84 103.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.768 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 97 Resp: 90556
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.501 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

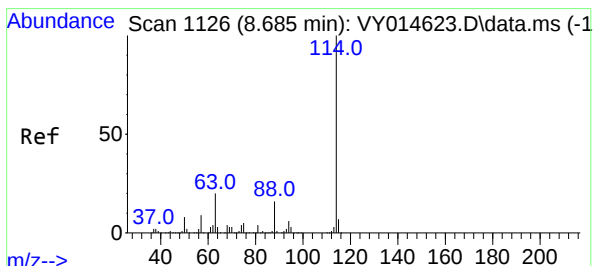
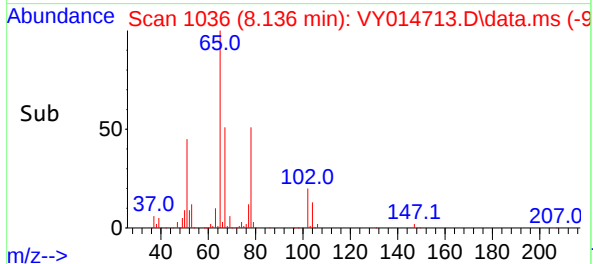
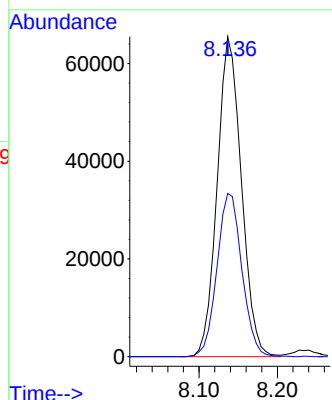
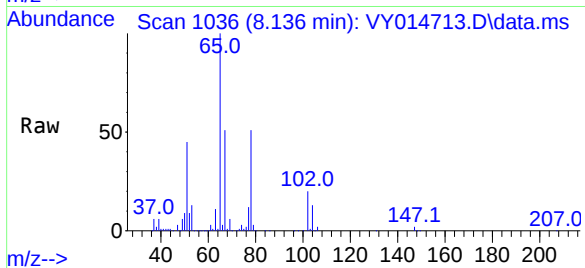
VY0720SBS01

Tgt Ion: 65 Resp: 140821

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

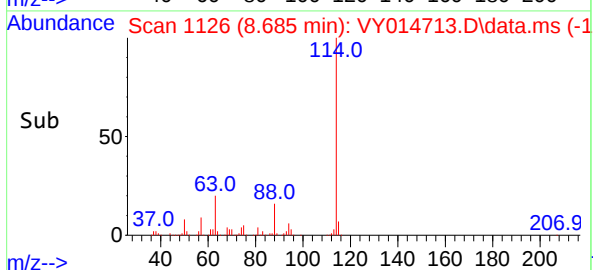
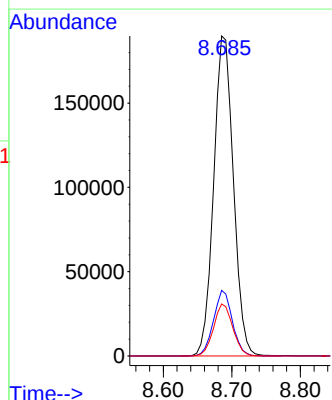
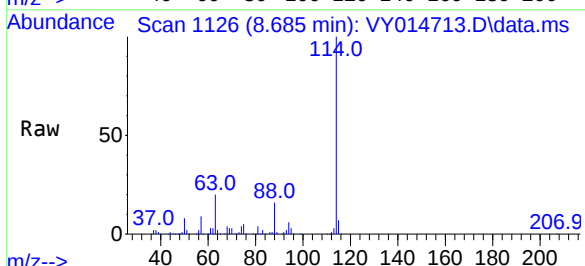
Tgt Ion: 114 Resp: 378579

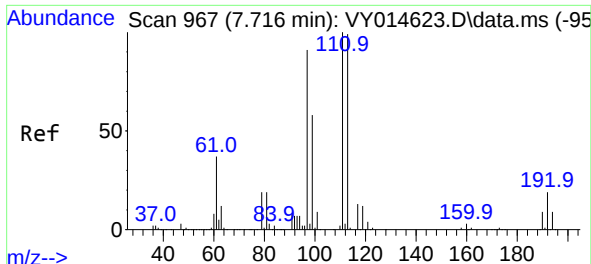
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 16.3 0.0 30.6

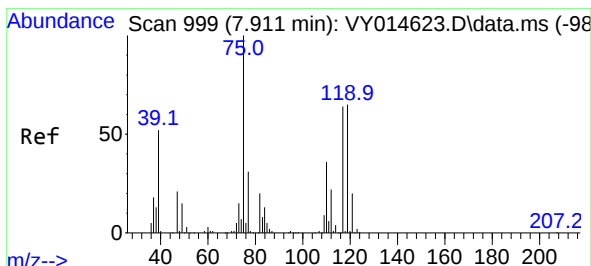
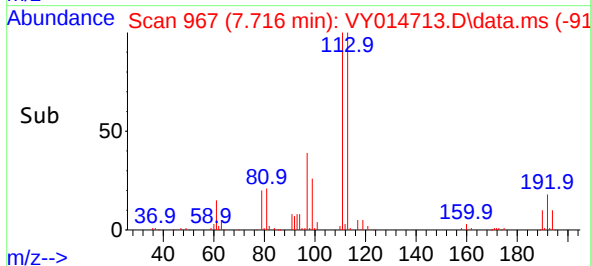
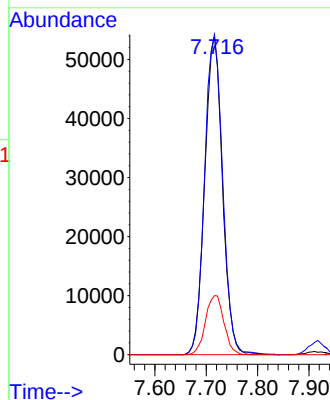
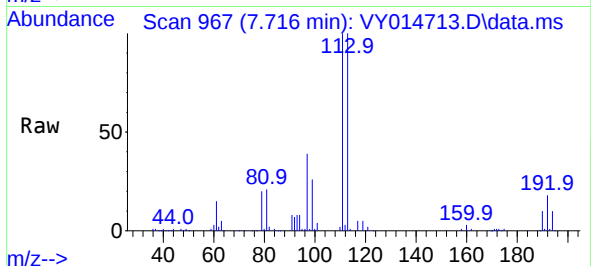




#35
Dibromofluoromethane
Concen: 53.534 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

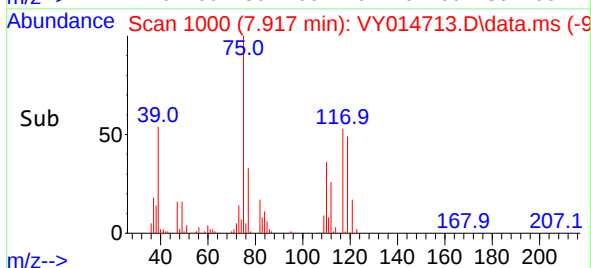
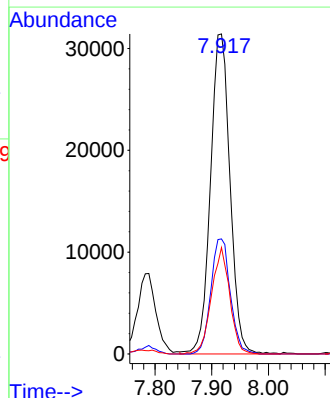
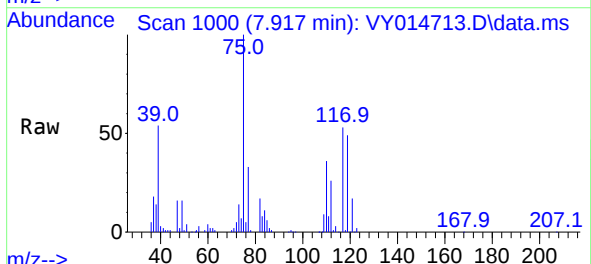
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

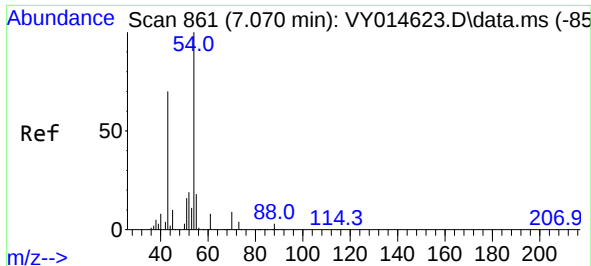
Tgt Ion:113 Resp: 129015
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.892 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 75 Resp: 75295
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.0 24.4 36.6

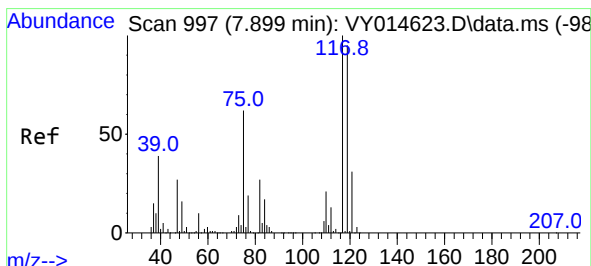
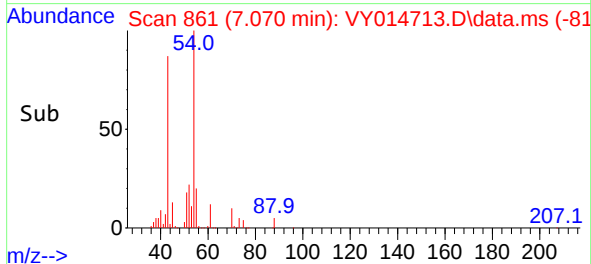
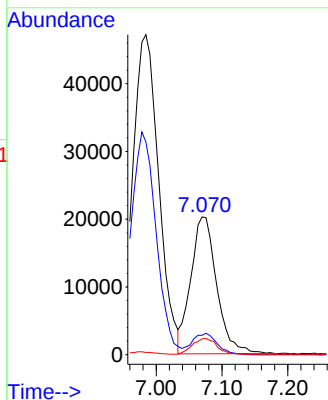
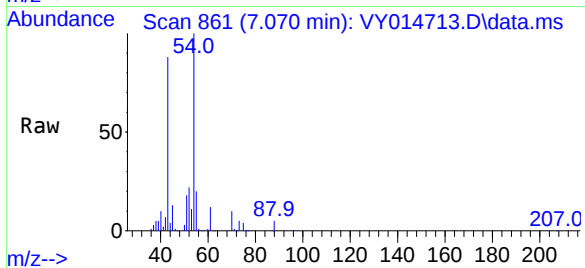




#37
Ethyl Acetate
Concen: 22.332 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

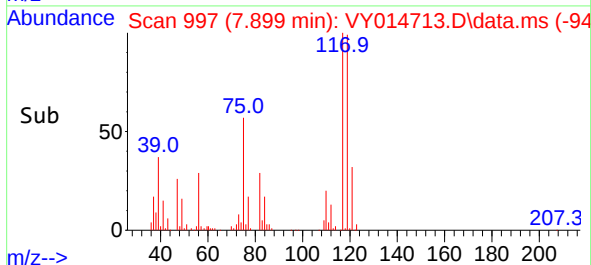
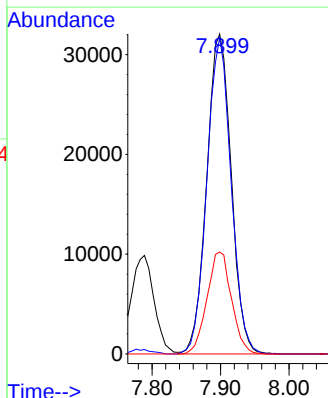
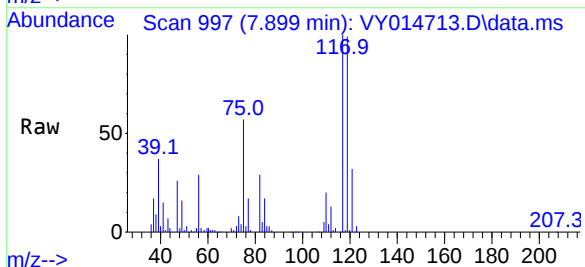
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

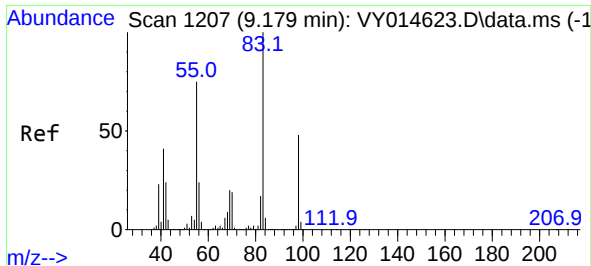
Tgt Ion: 43 Resp: 55414
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 11.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.948 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 117 Resp: 79805
Ion Ratio Lower Upper
117 100
119 98.8 76.4 114.6
121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 20.255 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

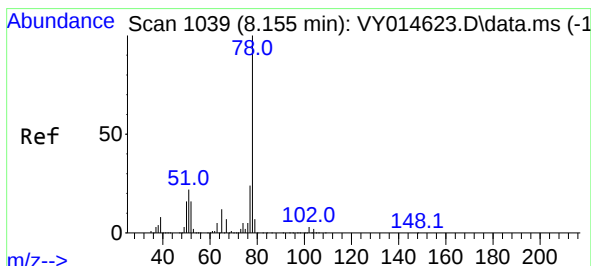
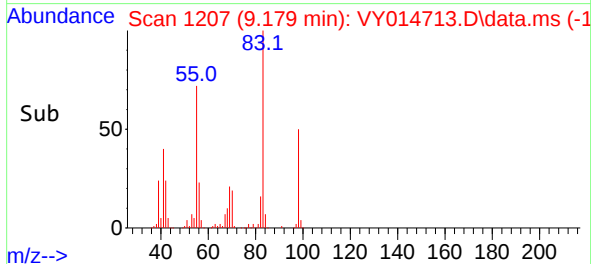
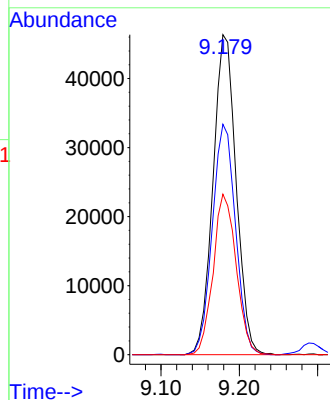
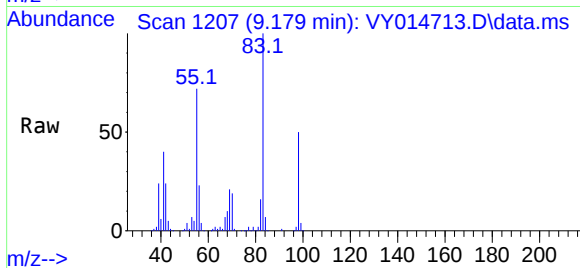
Tgt Ion: 83 Resp: 95104

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 50.2 37.4 56.2



#40

Benzene

Concen: 21.200 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014713.D

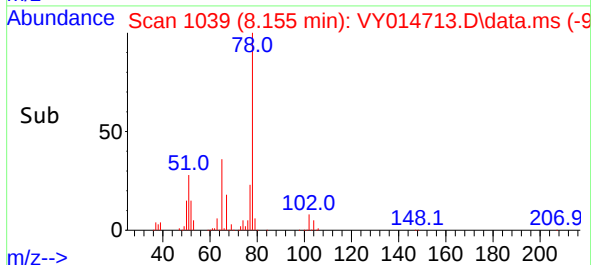
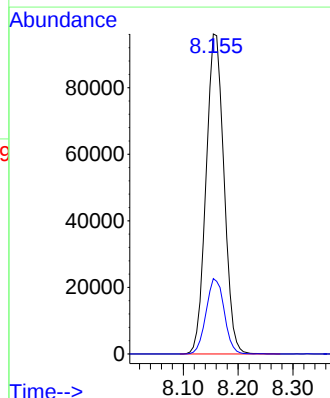
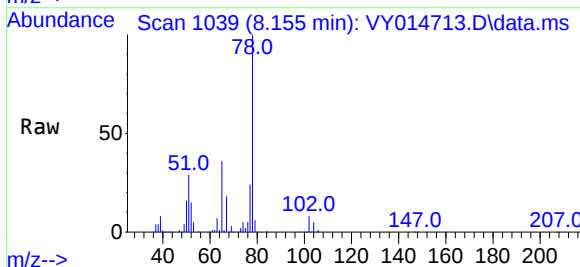
Acq: 20 Jul 2023 12:09

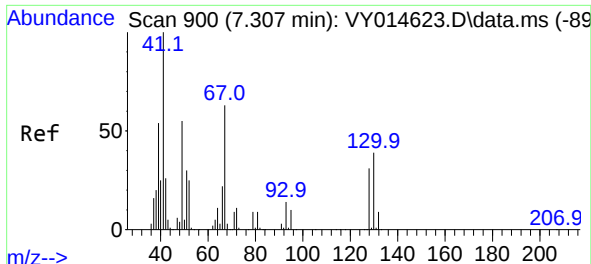
Tgt Ion: 78 Resp: 217294

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

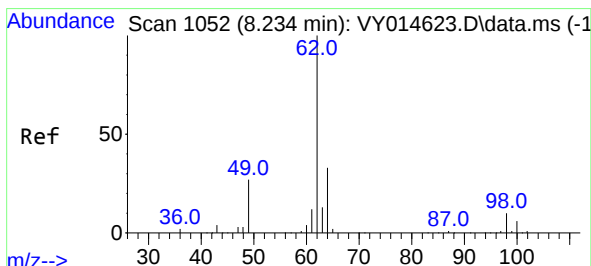
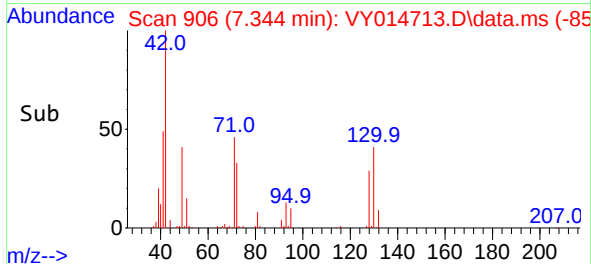
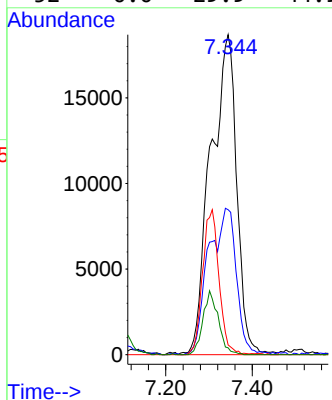
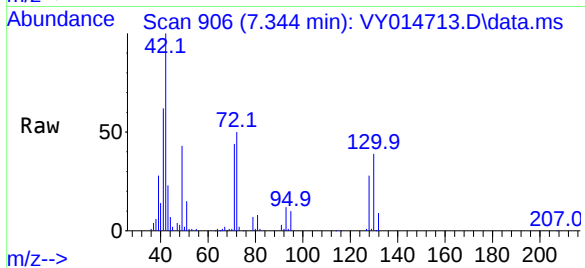




#41
Methacrylonitrile
Concen: 61.284 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

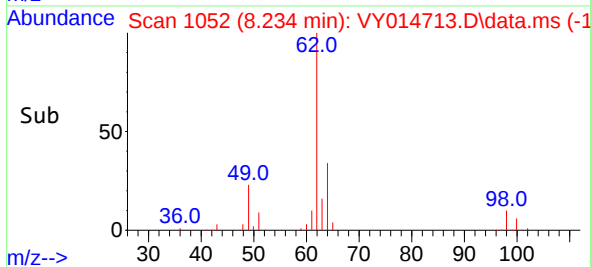
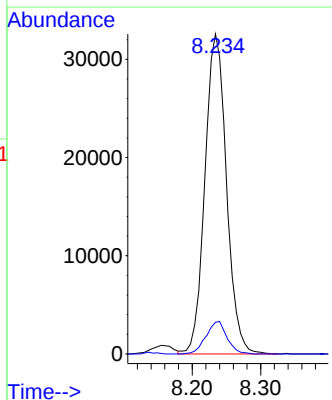
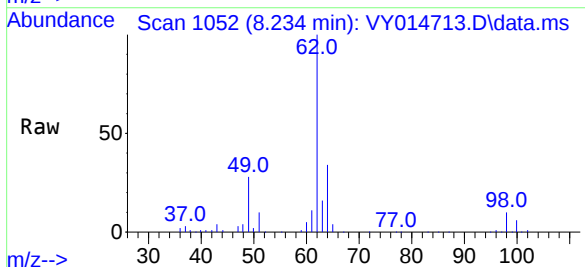
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

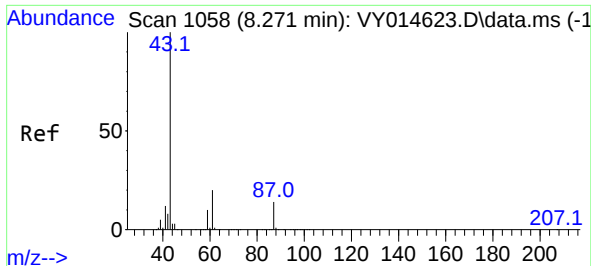
Tgt Ion:	41	Resp:	78217
Ion	Ratio	Lower	Upper
41	100		
39	28.2	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 21.975 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:	62	Resp:	71327
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8

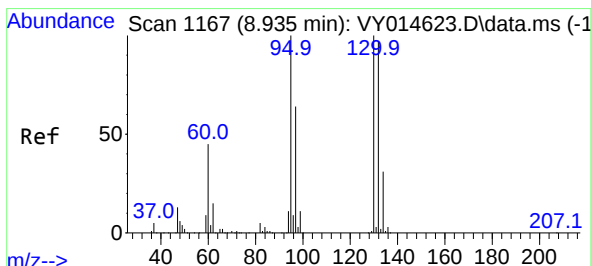
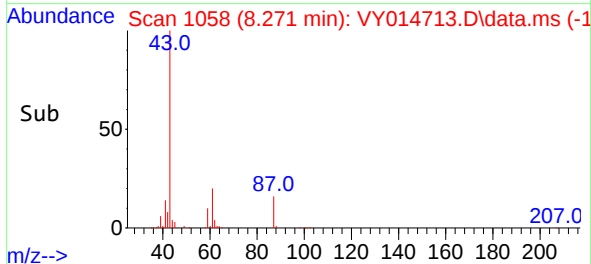
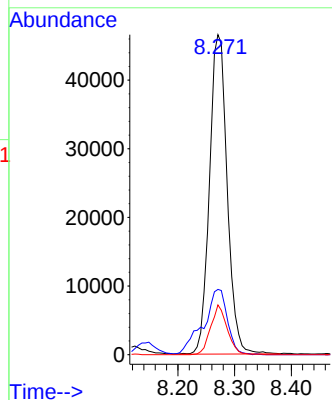
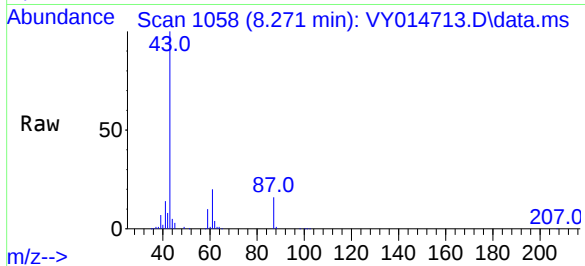




#43
Isopropyl Acetate
Concen: 21.389 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

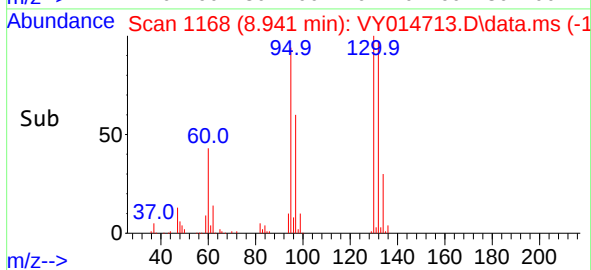
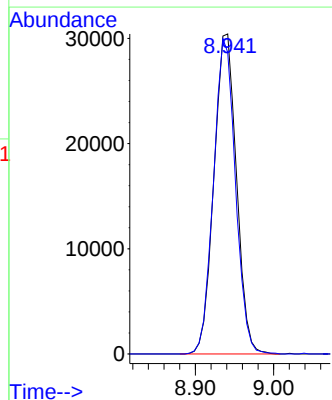
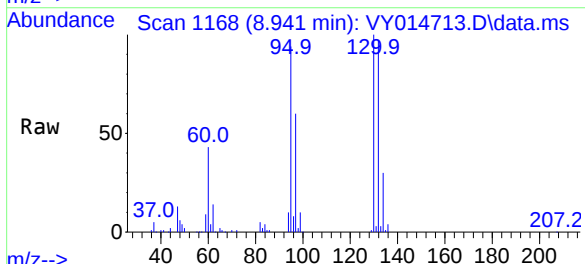
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

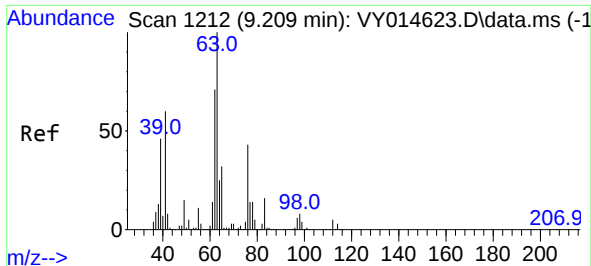
Tgt Ion: 43 Resp: 101102
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 21.185 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 130 Resp: 60756
Ion Ratio Lower Upper
130 100
95 94.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.604 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

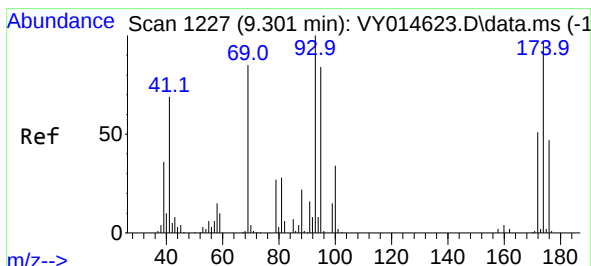
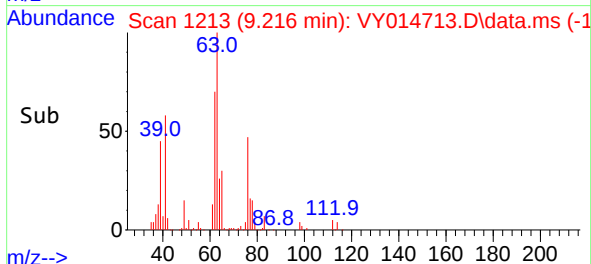
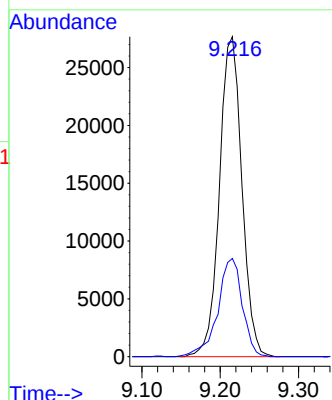
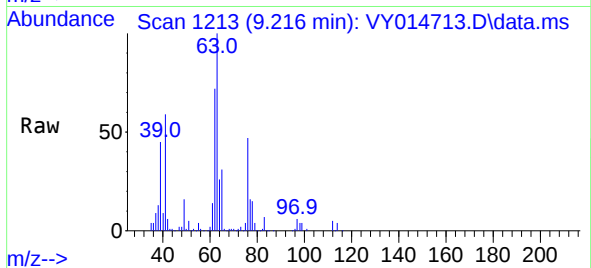
VY0720SBS01

Tgt Ion: 63 Resp: 55147

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 21.971 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

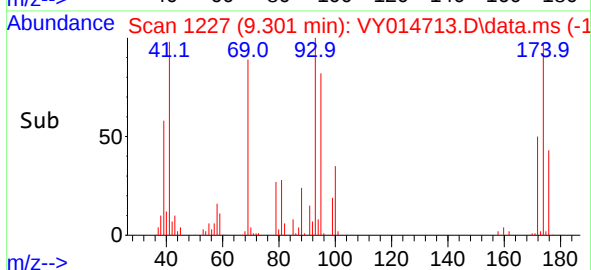
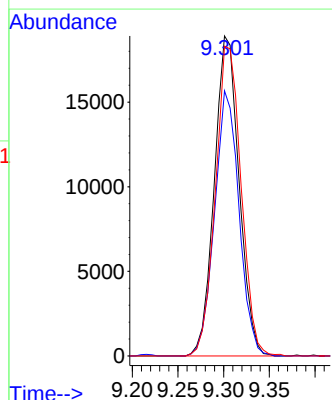
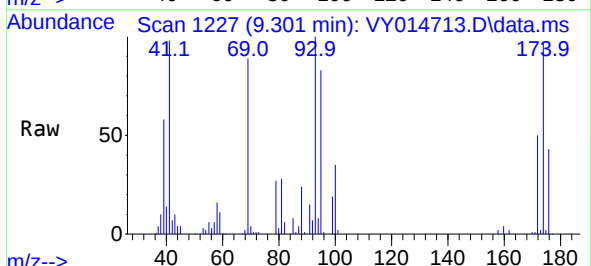
Tgt Ion: 93 Resp: 35674

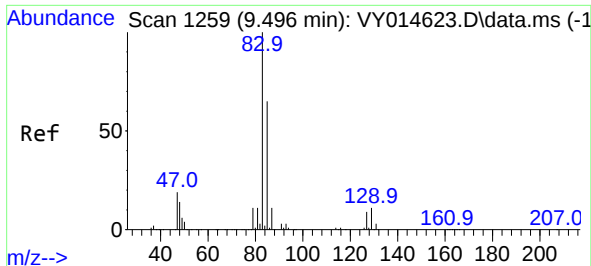
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 100.4 84.8 127.2

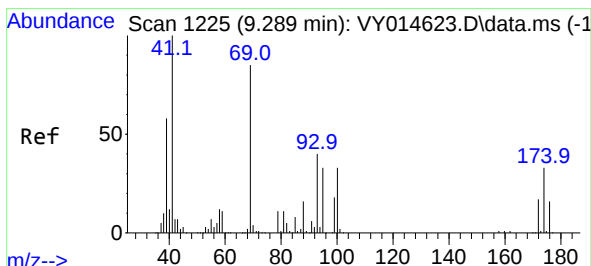
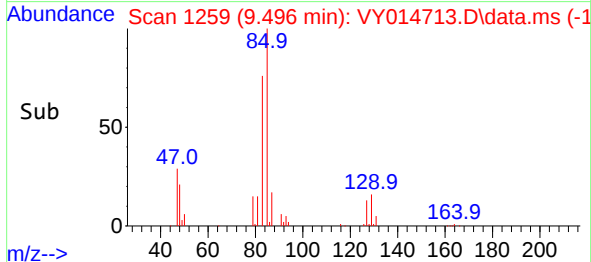
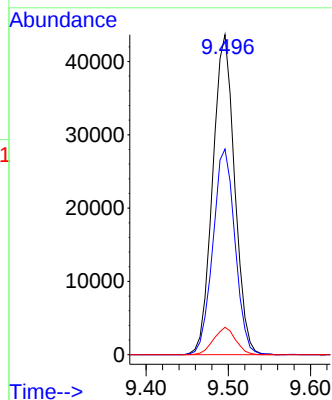
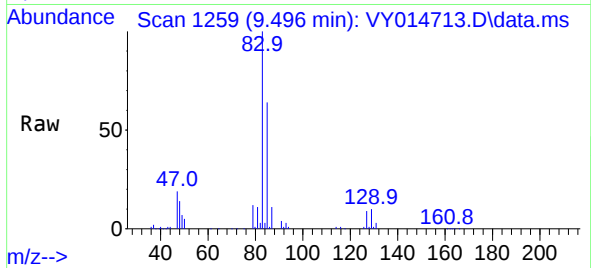




#47
Bromodichloromethane
Concen: 21.132 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

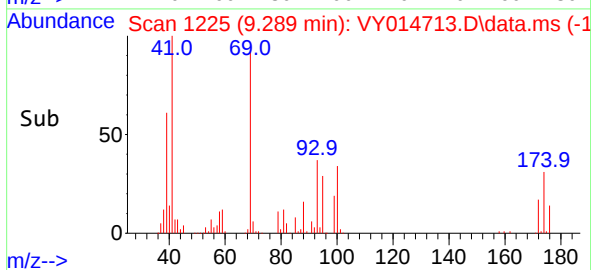
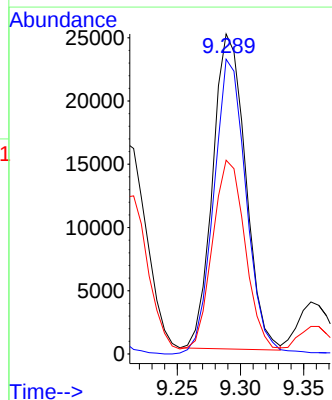
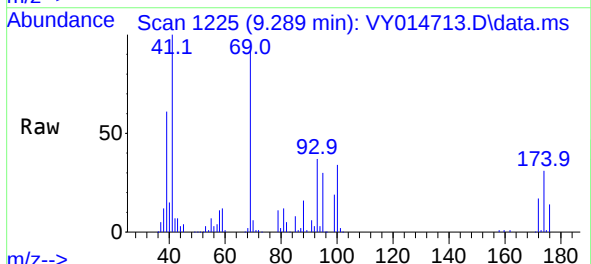
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

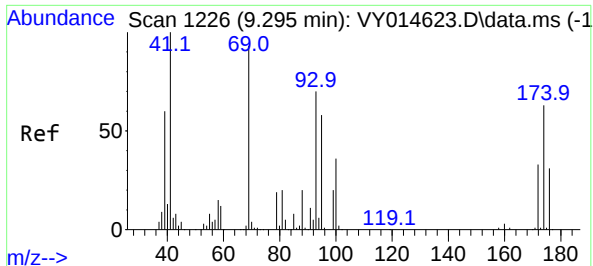
Tgt Ion: 83 Resp: 80871
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 21.114 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 41 Resp: 44908
Ion Ratio Lower Upper
41 100
69 93.0 64.5 96.7
39 60.1 50.8 76.2

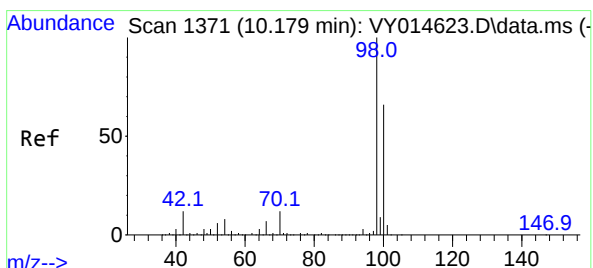
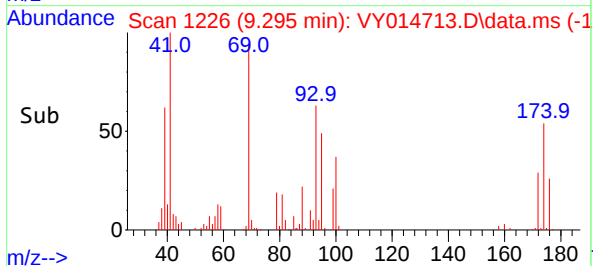
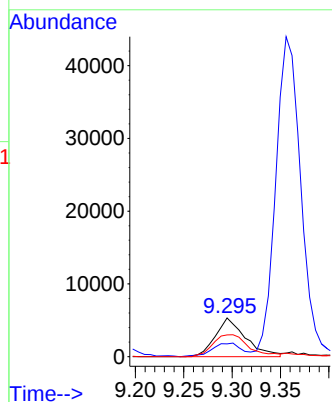
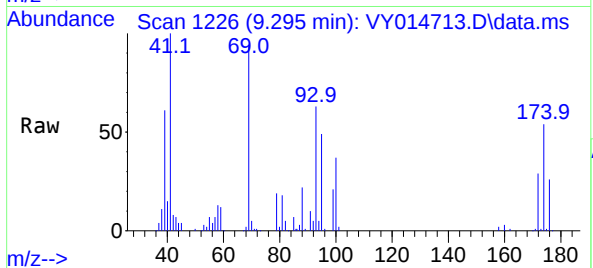




#49
1,4-Dioxane
Concen: 437.607 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

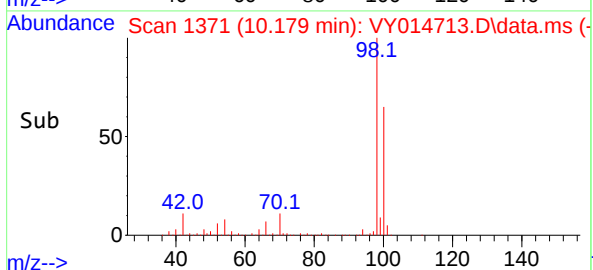
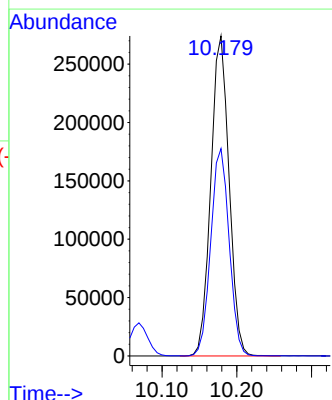
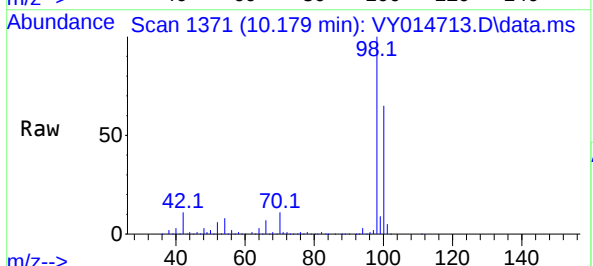
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

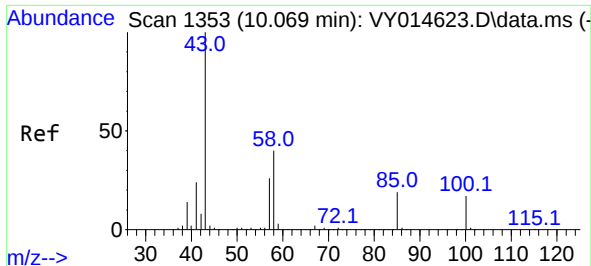
Tgt Ion: 88 Resp: 11586
Ion Ratio Lower Upper
88 100
43 34.4 0.0 0.0#
58 66.6 30.9 46.3#



#50
Toluene-d8
Concen: 52.349 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 98 Resp: 465119
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

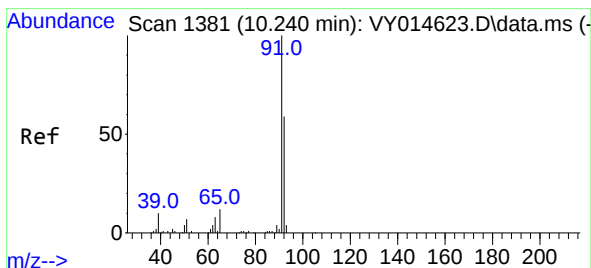
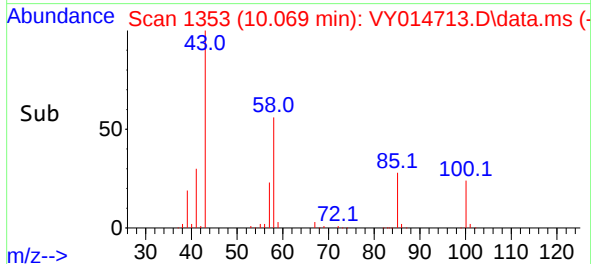
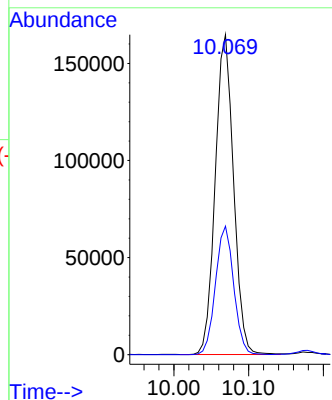
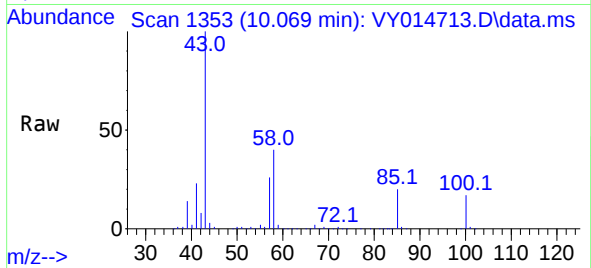




#51
4-Methyl-2-Pentanone
Concen: 113.082 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

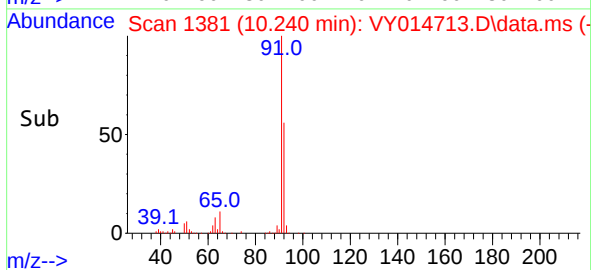
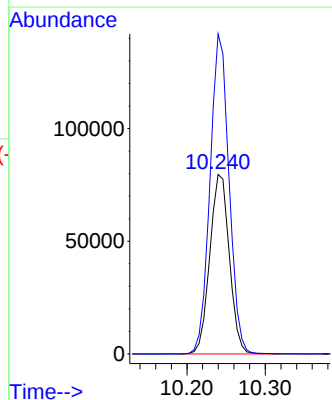
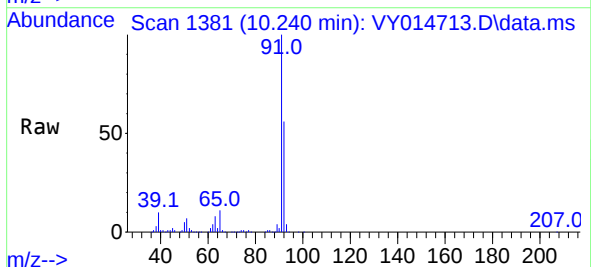
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

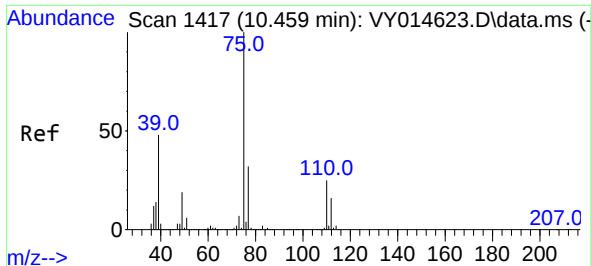
Tgt Ion: 43 Resp: 280641
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 20.987 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 92 Resp: 137653
Ion Ratio Lower Upper
92 100
91 173.6 143.8 215.6

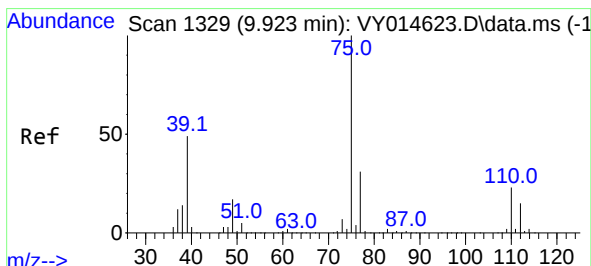
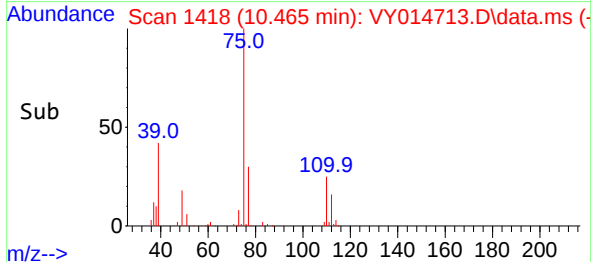
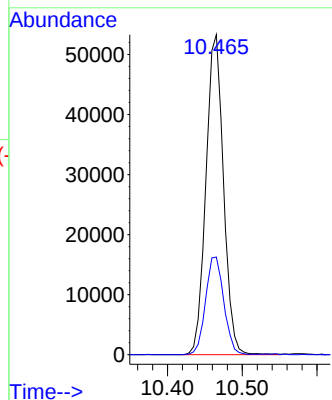
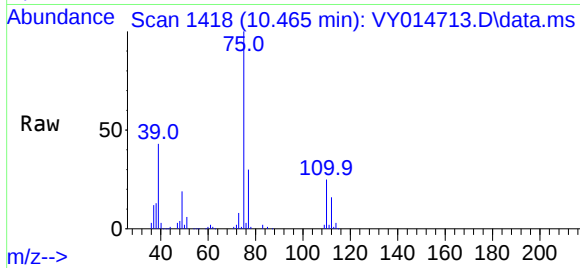




#53
t-1,3-Dichloropropene
Concen: 20.759 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

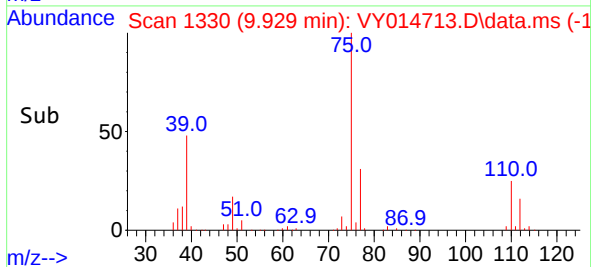
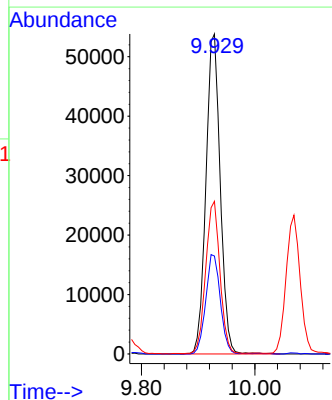
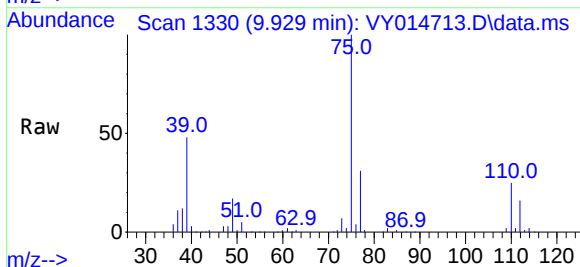
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

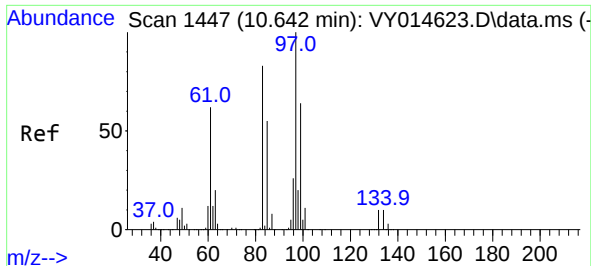
Tgt Ion: 75 Resp: 86898
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.736 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 75 Resp: 94394
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.4
39 47.6 42.2 63.4

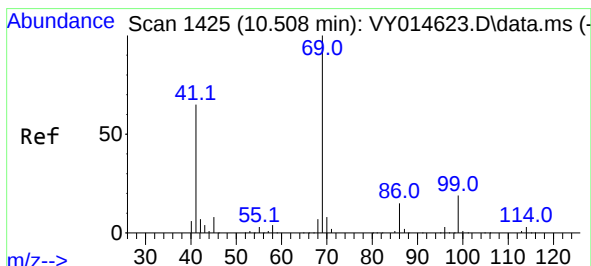
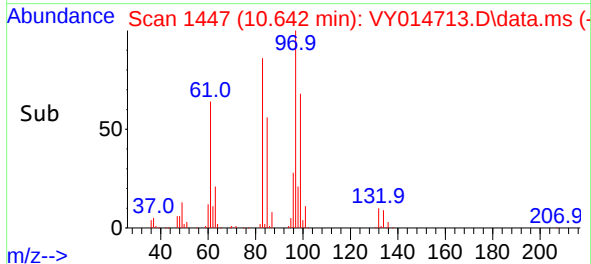
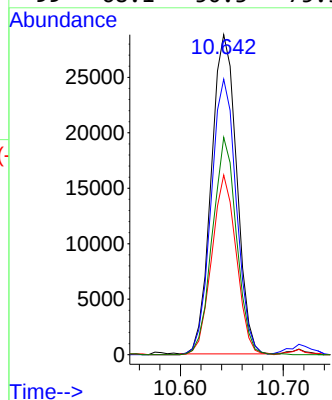
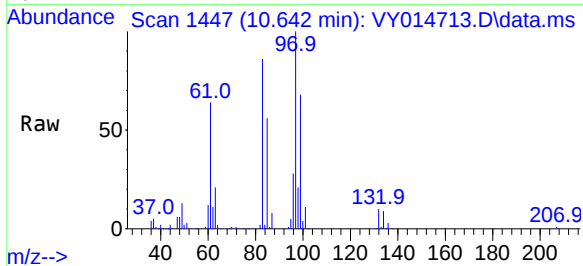




#55
1,1,2-Trichloroethane
Concen: 21.802 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

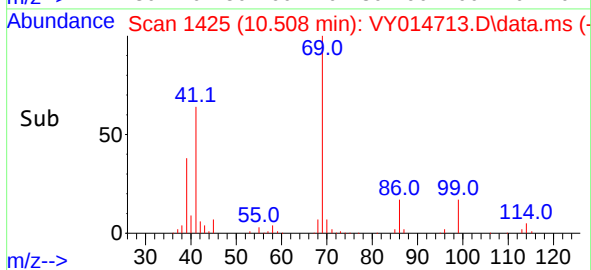
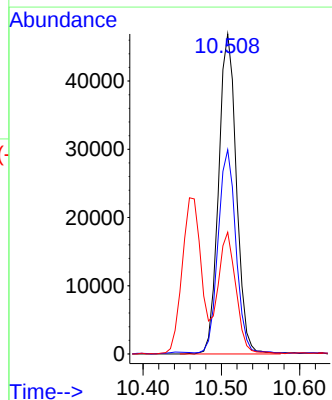
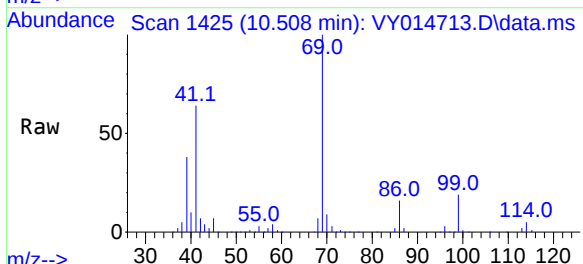
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

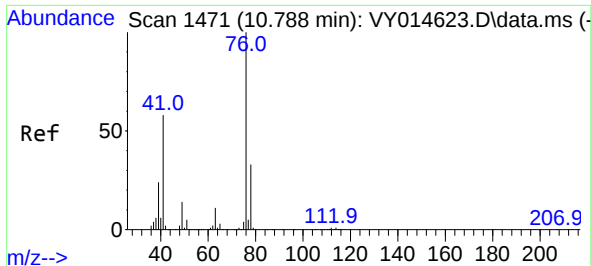
Tgt Ion:	97	Resp:	49311
Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.0	108.0
85	56.3	45.4	68.0
99	68.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 21.486 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:	69	Resp:	74197
Ion	Ratio	Lower	Upper
69	100		
41	63.6	57.6	86.4
39	38.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 21.435 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

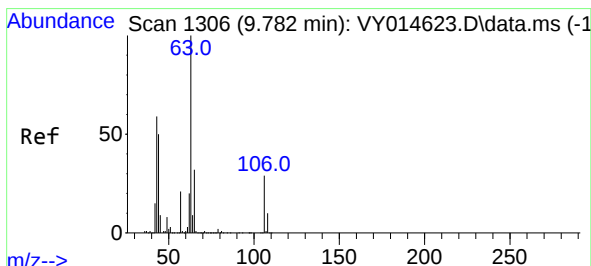
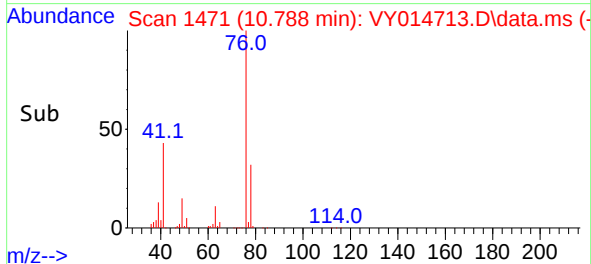
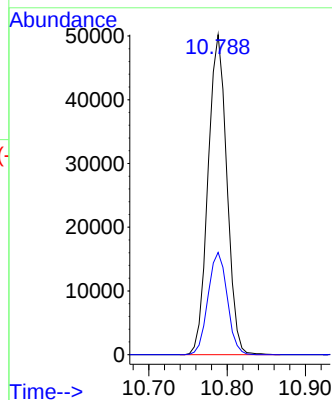
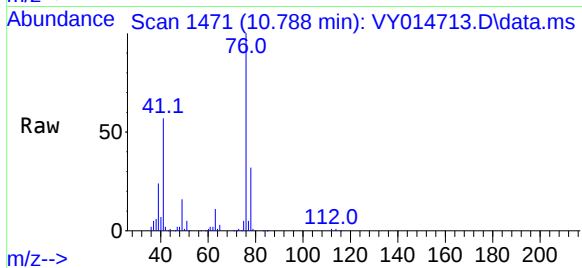
VY0720SBS01

Tgt Ion: 76 Resp: 83618

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 119.630 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014713.D

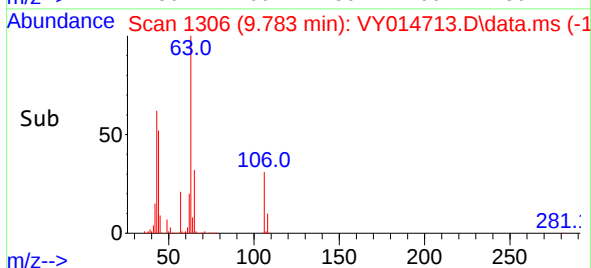
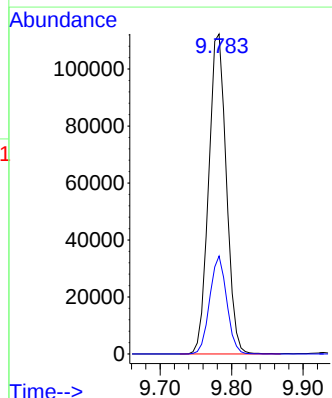
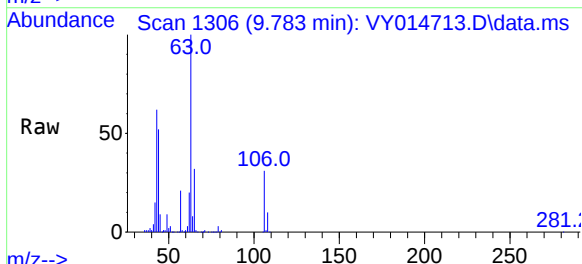
Acq: 20 Jul 2023 12:09

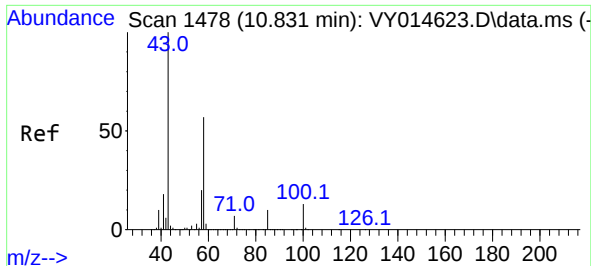
Tgt Ion: 63 Resp: 192491

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

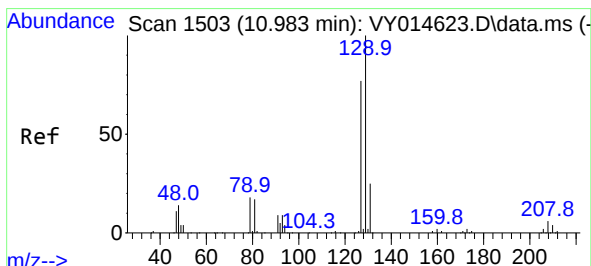
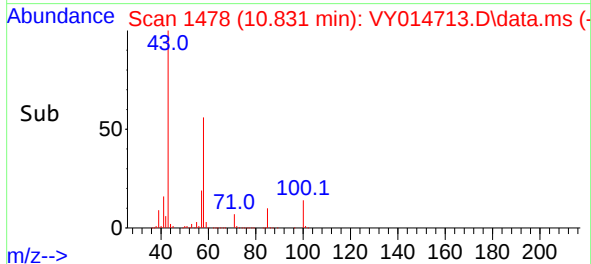
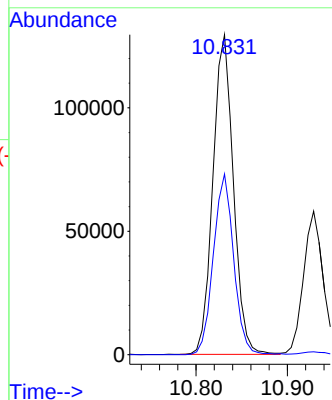
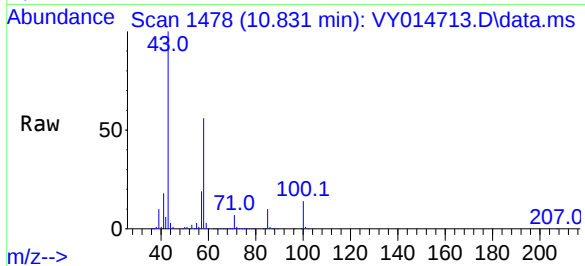




#59
2-Hexanone
Concen: 111.329 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

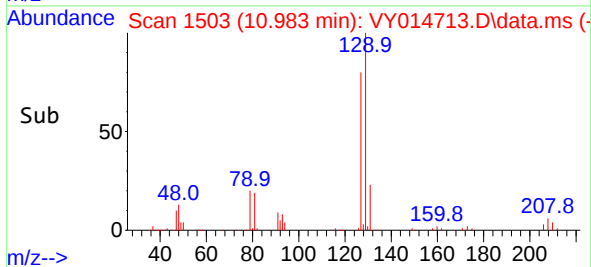
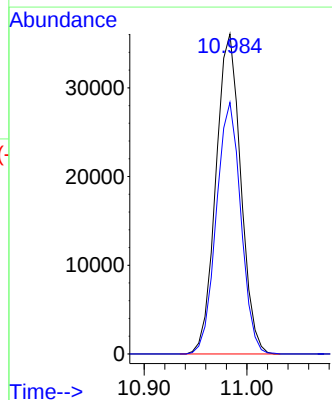
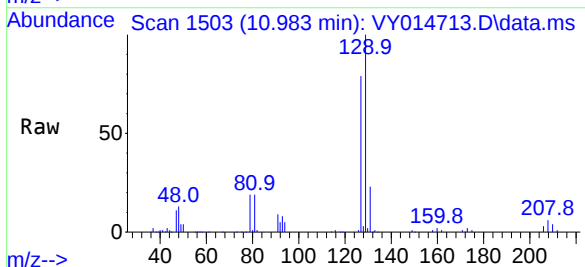
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

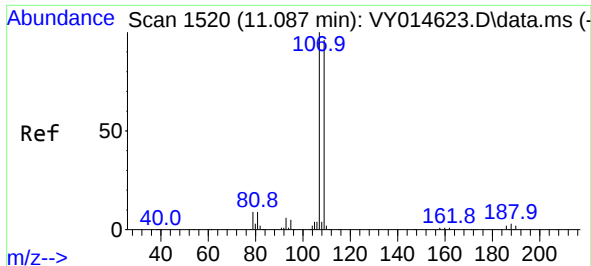
Tgt Ion: 43 Resp: 201485
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 21.843 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 129 Resp: 60571
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

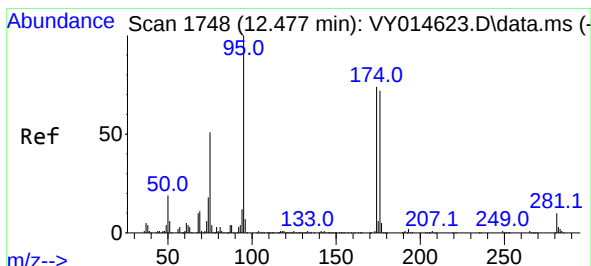
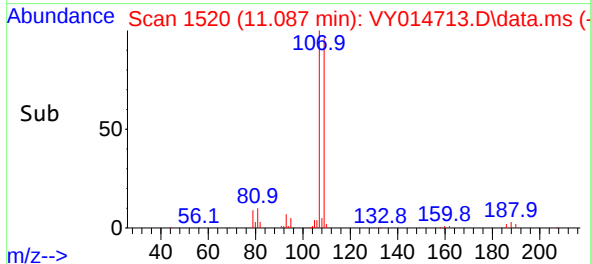
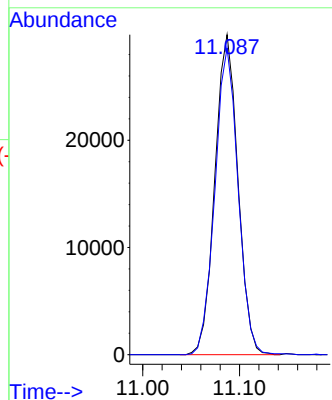
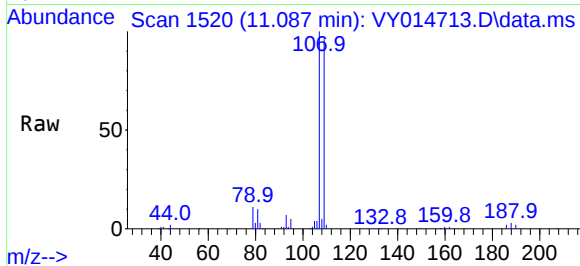




#61
1,2-Dibromoethane
Concen: 21.848 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

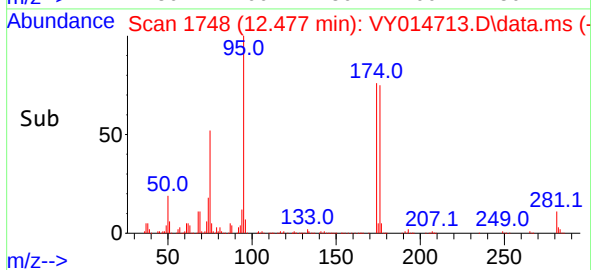
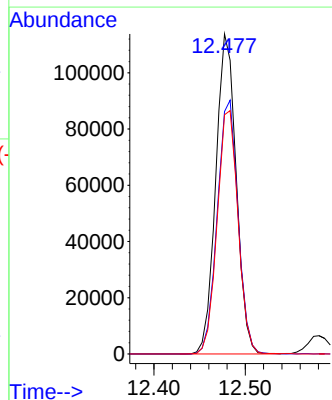
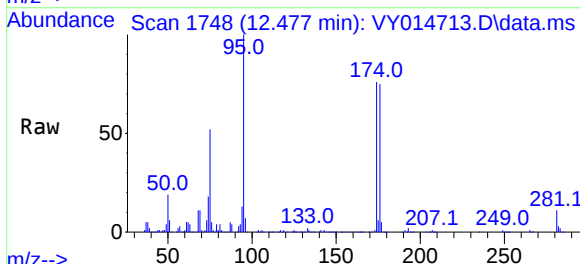
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

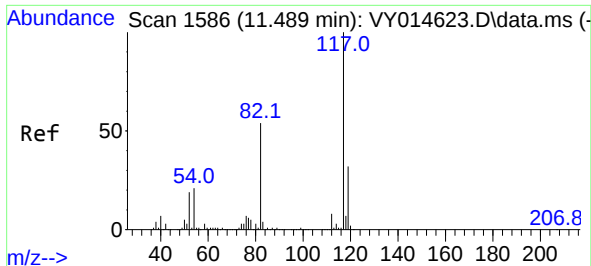
Tgt Ion:107 Resp: 49297
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 95 Resp: 176597
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 77.9 0.0 173.8

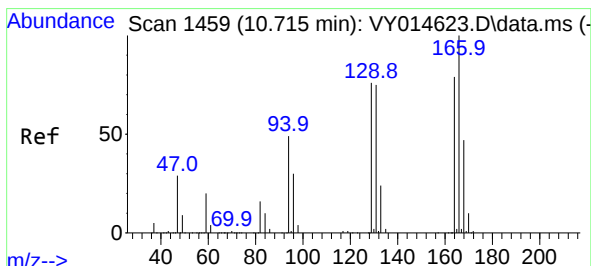
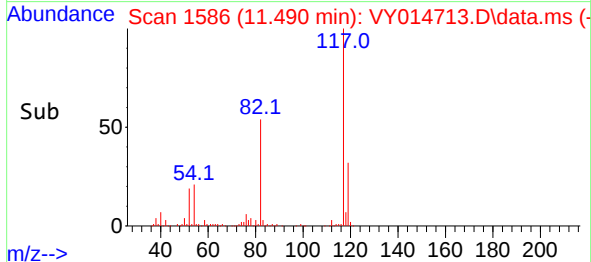
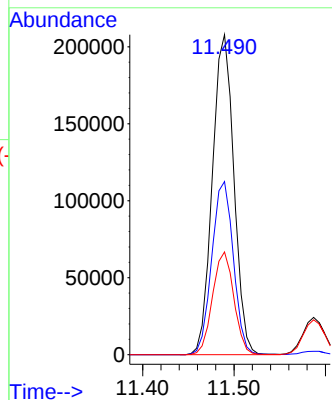
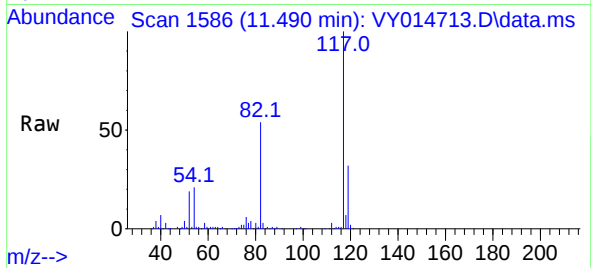




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

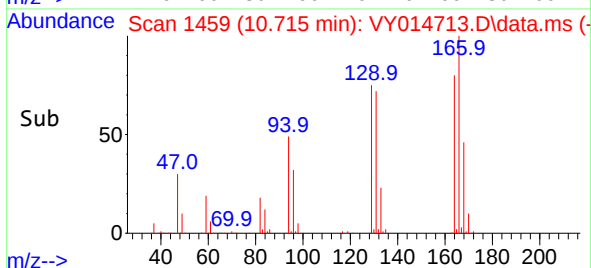
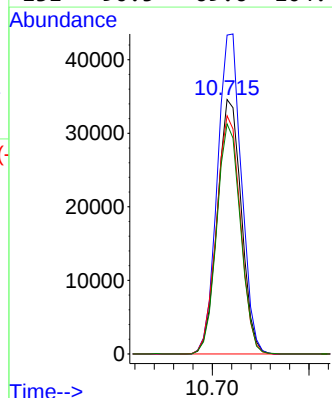
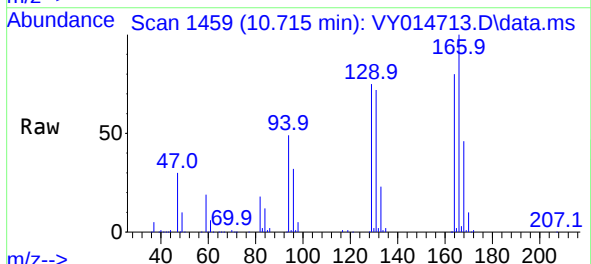
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

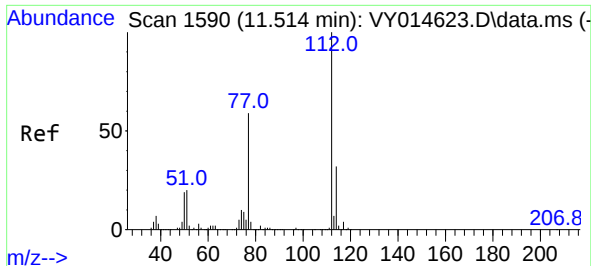
Tgt Ion:	117	Resp:	340007
Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.4	65.0
119	32.1	26.3	39.5



#64
Tetrachloroethene
Concen: 21.734 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:	164	Resp:	59432
Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.0	154.6
129	93.6	77.2	115.8
131	90.5	69.6	104.4

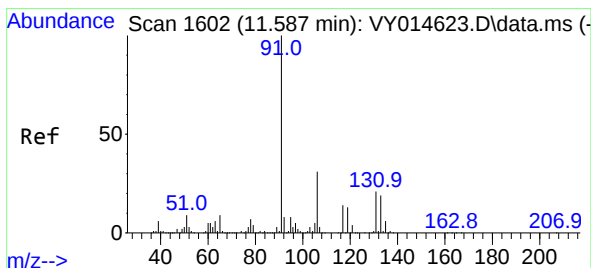
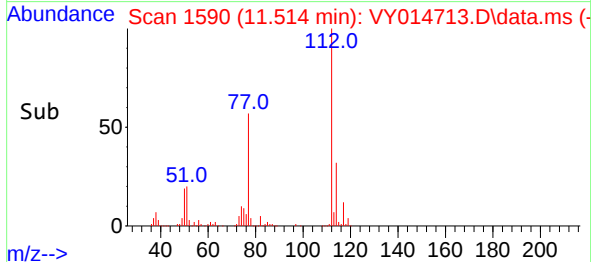
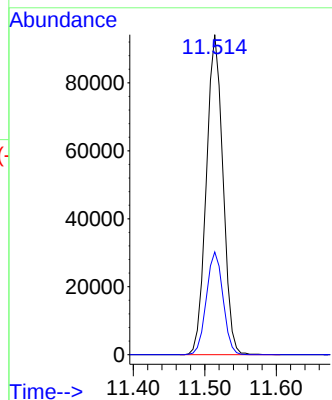
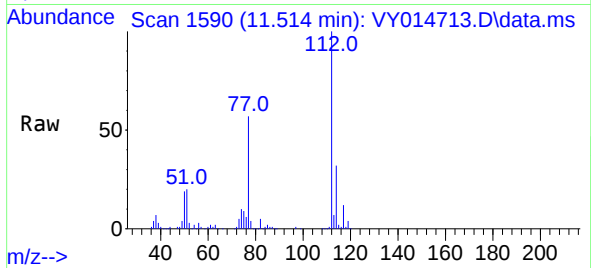




#65
Chlorobenzene
Concen: 20.992 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

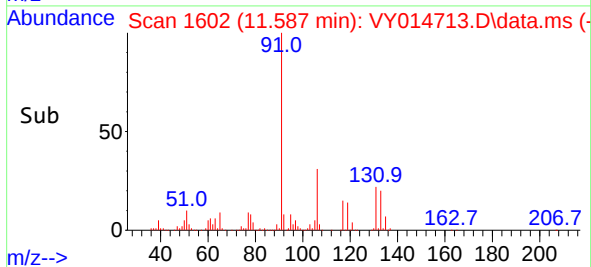
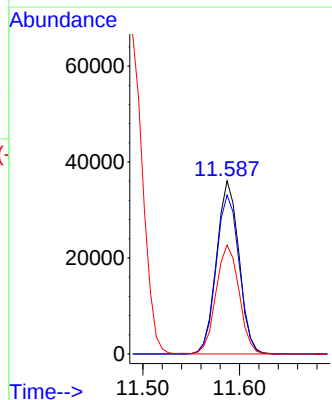
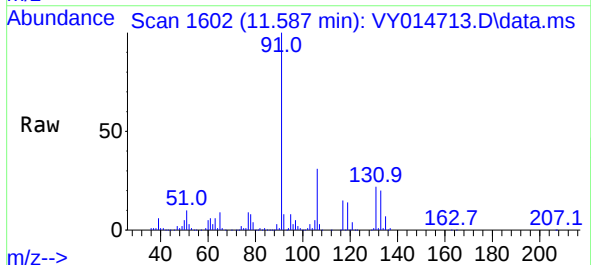
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

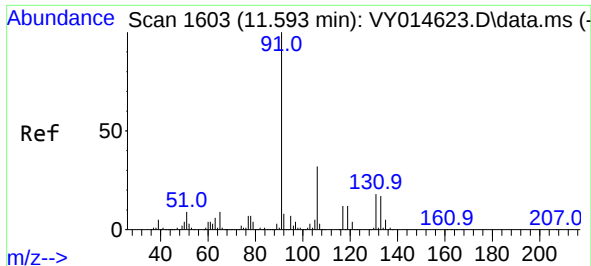
Tgt Ion:112 Resp: 152094
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.241 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:131 Resp: 58027
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.7 31.6 94.7





#67

Ethyl Benzene

Concen: 20.729 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

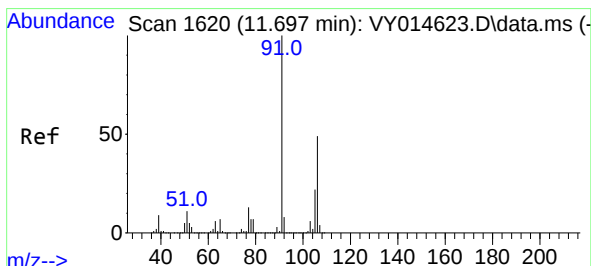
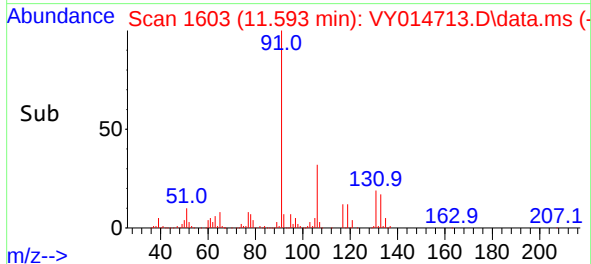
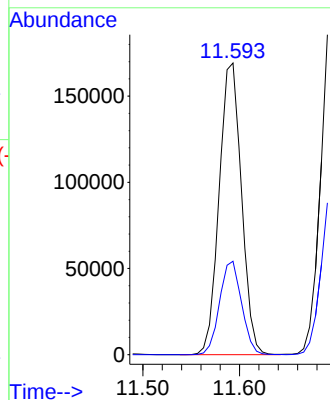
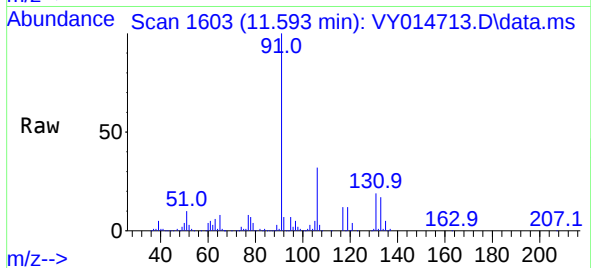
VY0720SBS01

Tgt Ion: 91 Resp: 271169

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 42.098 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014713.D

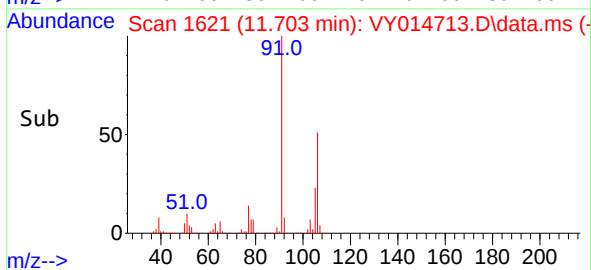
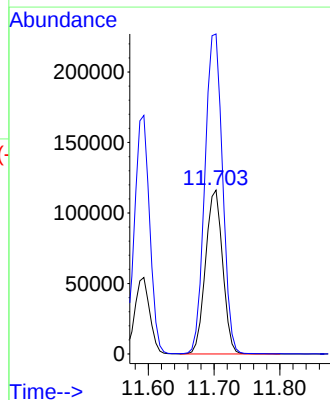
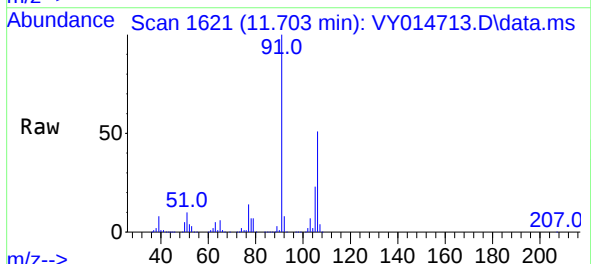
Acq: 20 Jul 2023 12:09

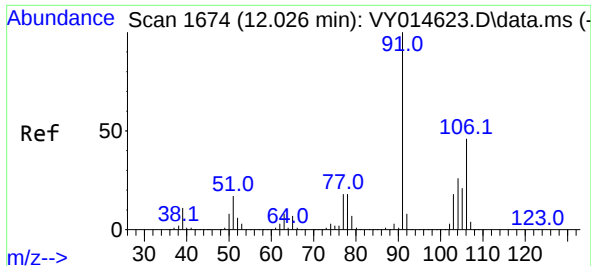
Tgt Ion:106 Resp: 210221

Ion Ratio Lower Upper

106 100

91 202.0 166.1 249.1

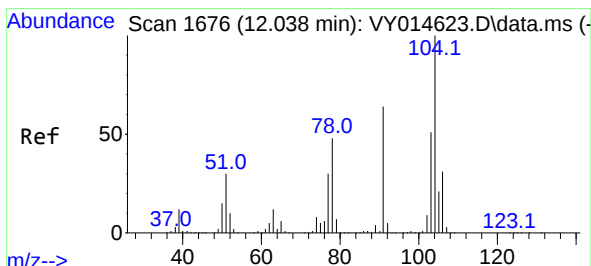
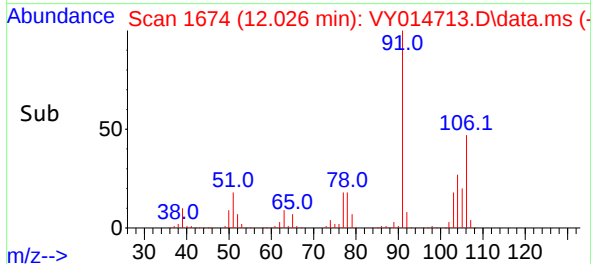
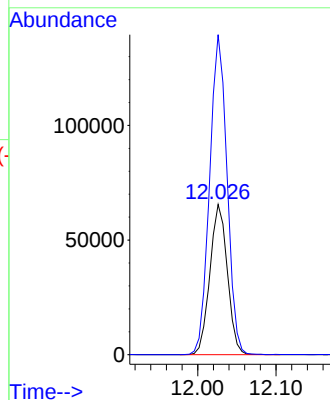
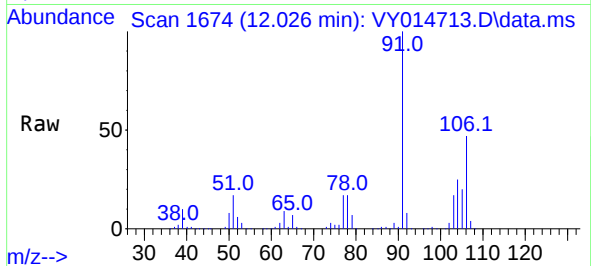




#69
o-Xylene
Concen: 20.803 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

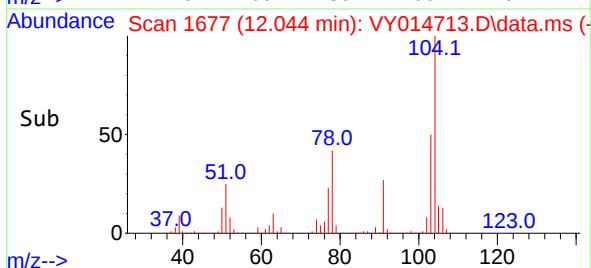
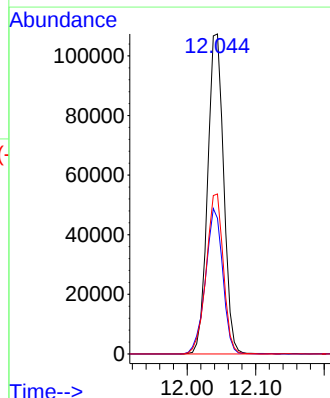
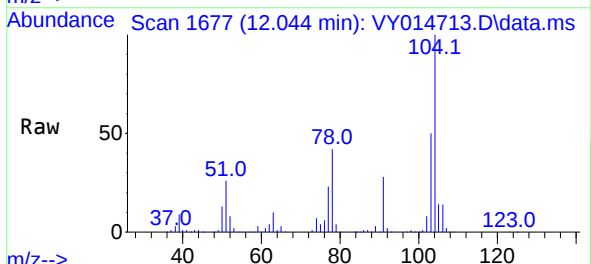
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

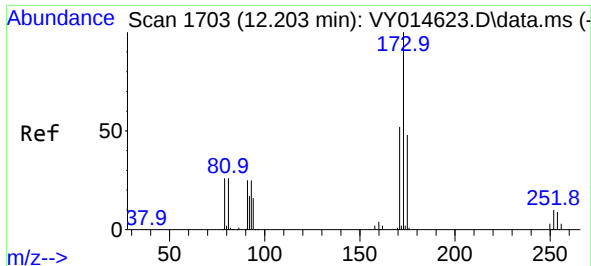
Tgt Ion:106 Resp: 101181
Ion Ratio Lower Upper
106 100
91 213.0 108.1 324.3



#70
Styrene
Concen: 21.378 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:104 Resp: 175245
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 53.4 44.6 67.0

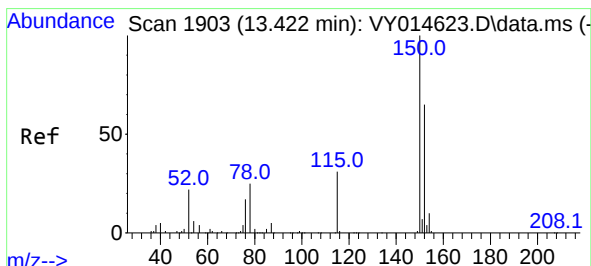
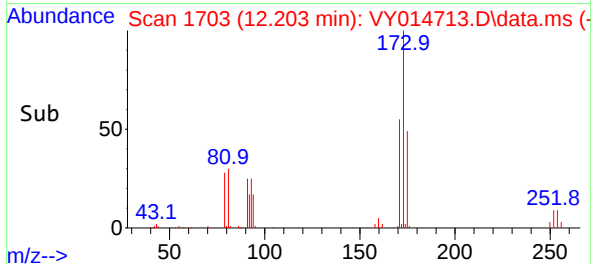
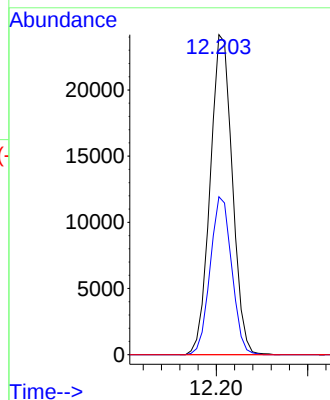
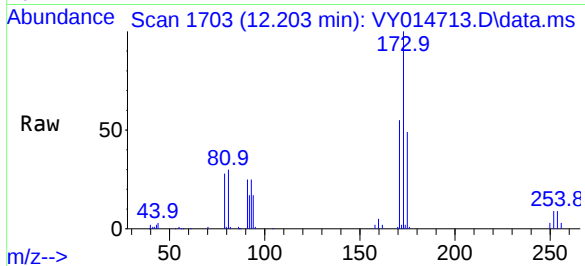




#71
Bromoform
Concen: 21.914 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

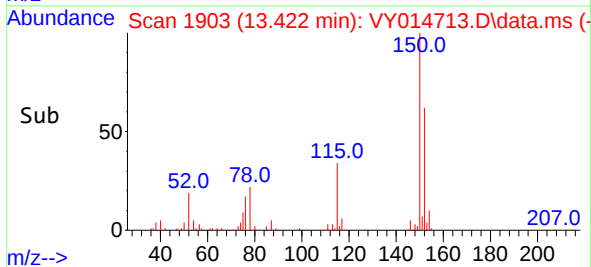
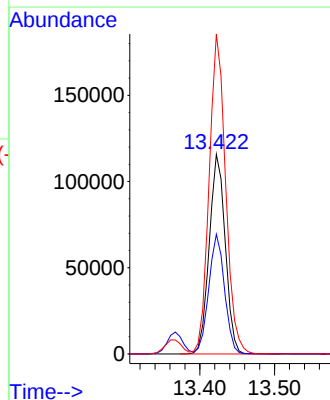
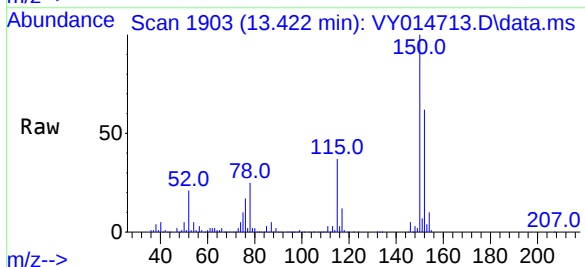
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

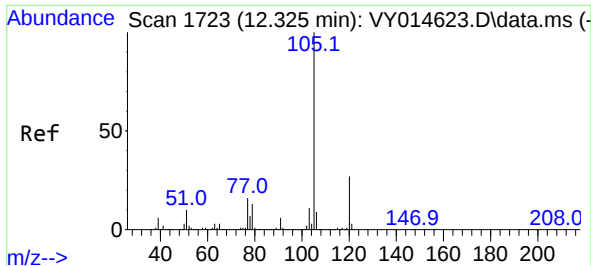
Tgt Ion:173 Resp: 40578
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:152 Resp: 172333
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 164.9 0.0 348.8

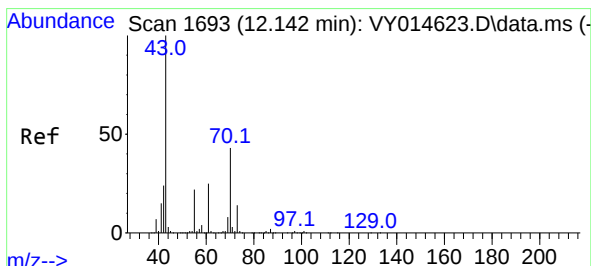
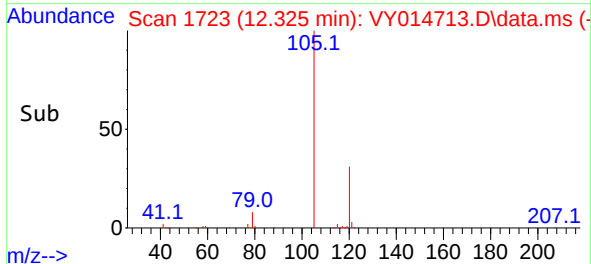
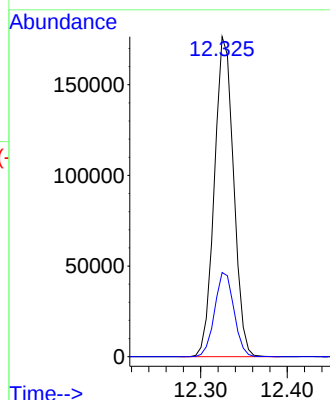
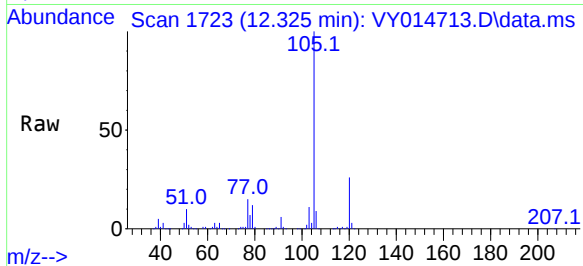




#73
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

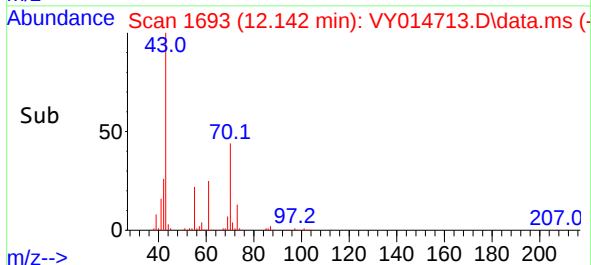
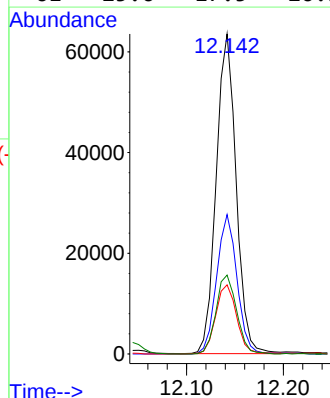
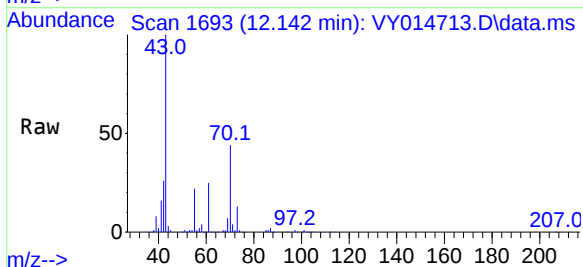
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

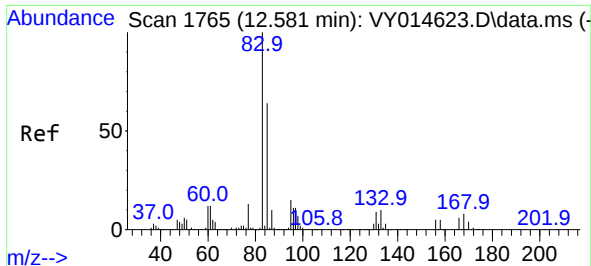
Tgt Ion:105 Resp: 271625
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 20.095 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 43 Resp: 90815
Ion Ratio Lower Upper
43 100
70 44.8 29.7 44.5#
55 23.0 18.3 27.5
61 25.6 17.5 26.3

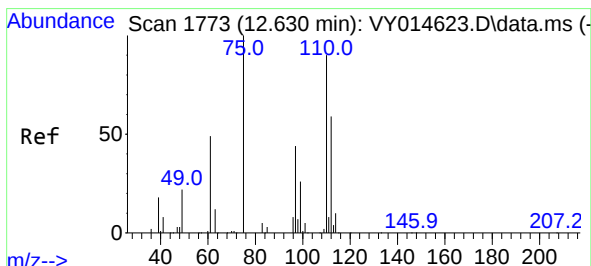
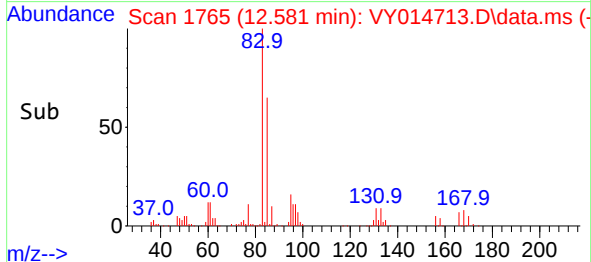
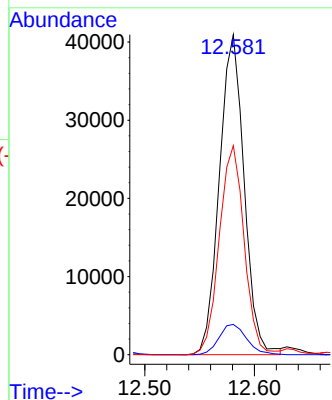
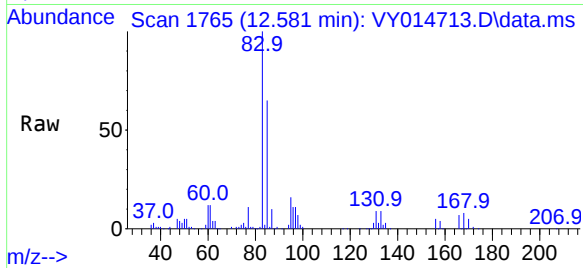




#75
1,1,2,2-Tetrachloroethane
Concen: 20.902 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

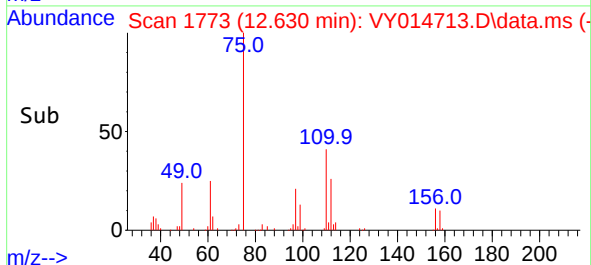
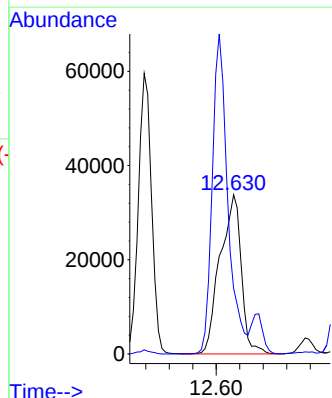
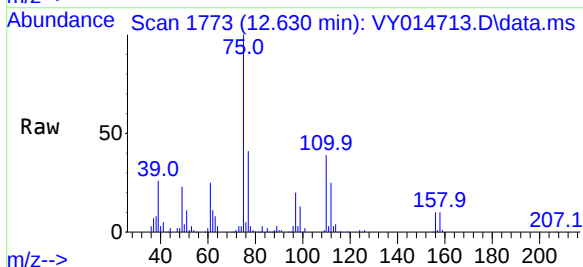
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

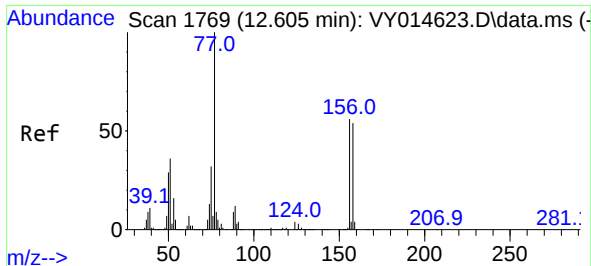
Tgt Ion: 83 Resp: 64319
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 65.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 39.101 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 75 Resp: 85104
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

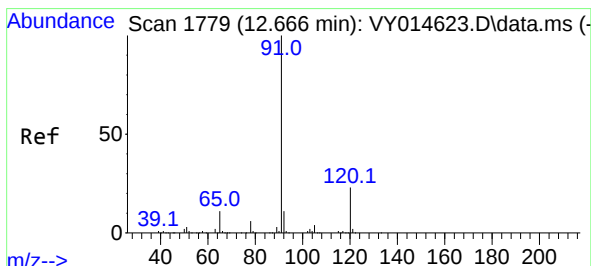
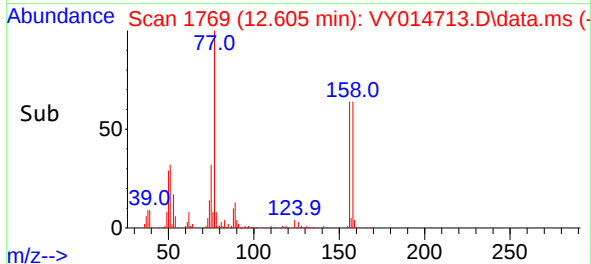
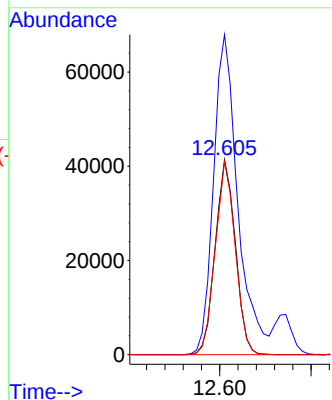
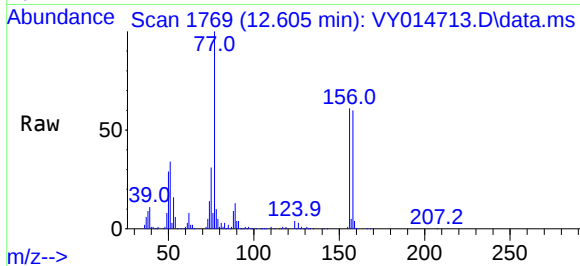




#77
Bromobenzene
Concen: 20.669 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

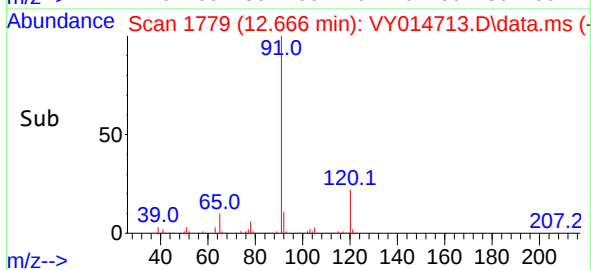
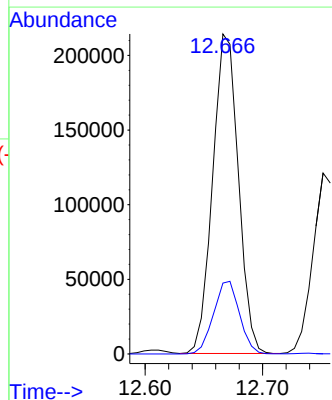
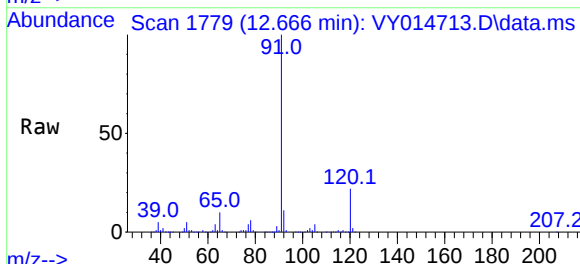
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

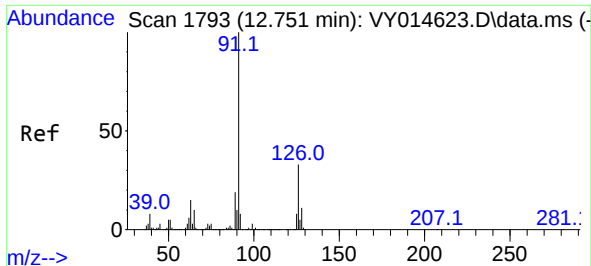
Tgt Ion:156 Resp: 63664
Ion Ratio Lower Upper
156 100
77 196.7 92.8 278.6
158 97.9 48.4 145.3



#78
n-propylbenzene
Concen: 19.995 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 91 Resp: 325129
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

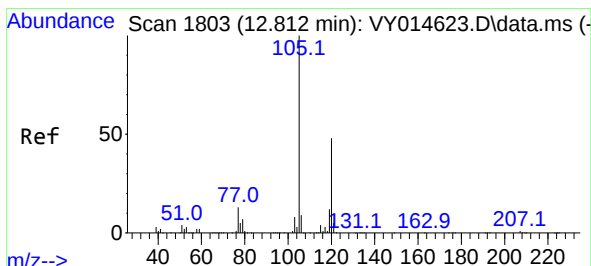
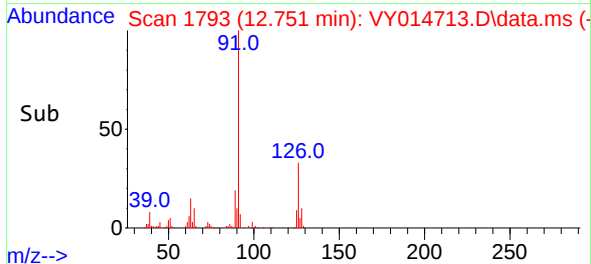
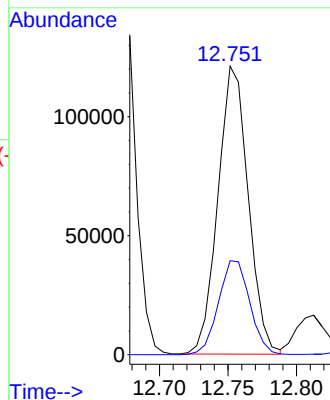
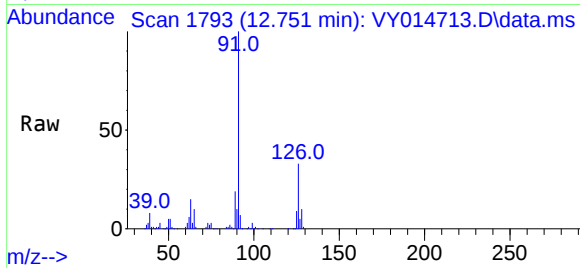




#79
2-Chlorotoluene
Concen: 19.905 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

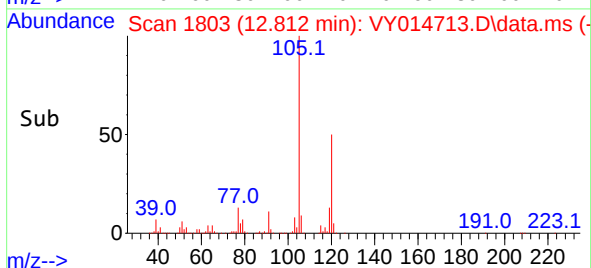
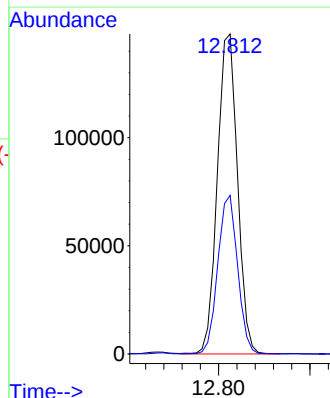
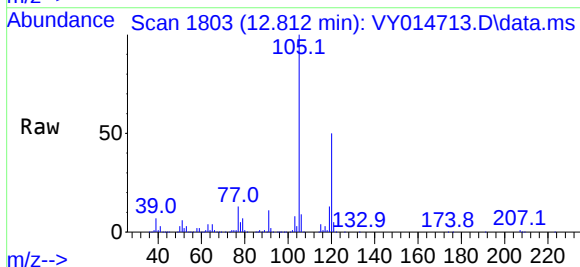
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

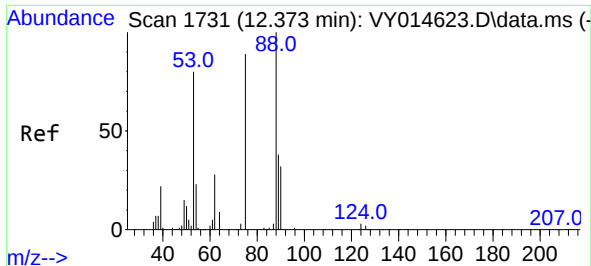
Tgt Ion: 91 Resp: 186417
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.116 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 105 Resp: 226694
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

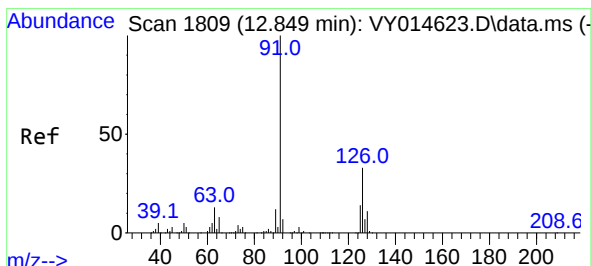
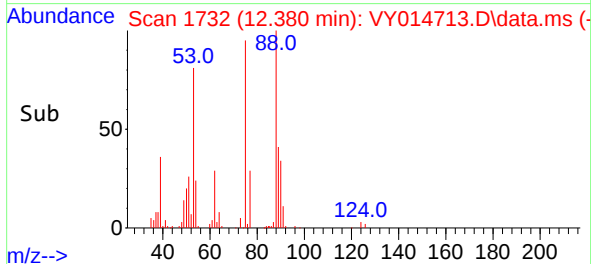
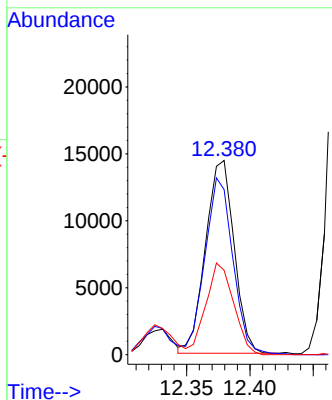
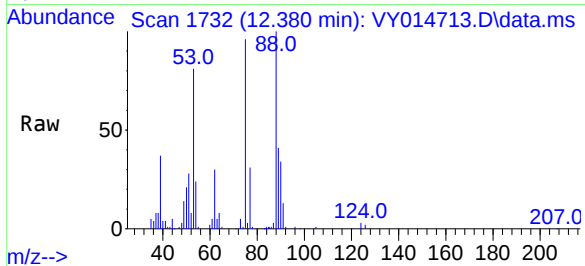




#81
trans-1,4-Dichloro-2-butene
Concen: 20.147 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.007 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

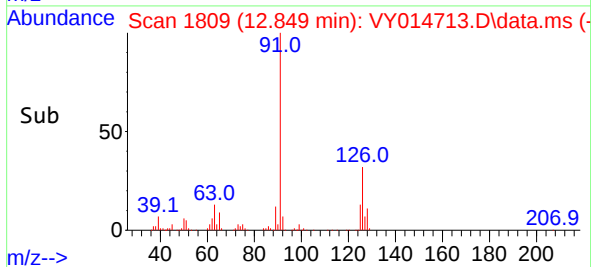
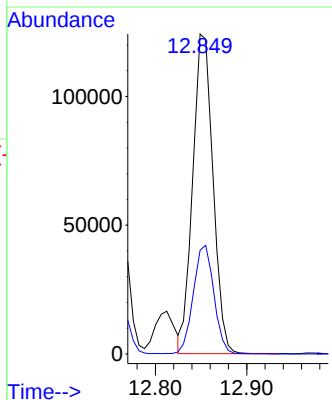
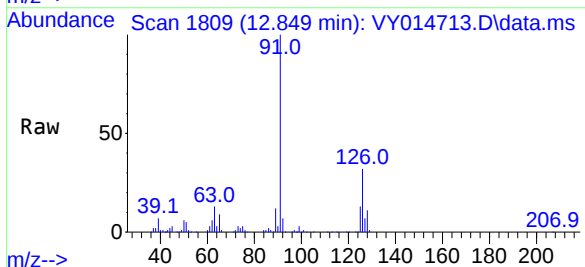
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

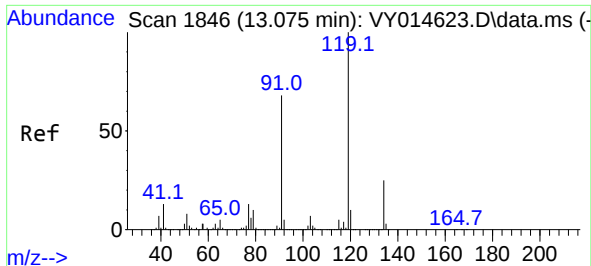
Tgt Ion: 75 Resp: 22648
Ion Ratio Lower Upper
75 100
53 89.7 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.839 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 91 Resp: 191357
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6

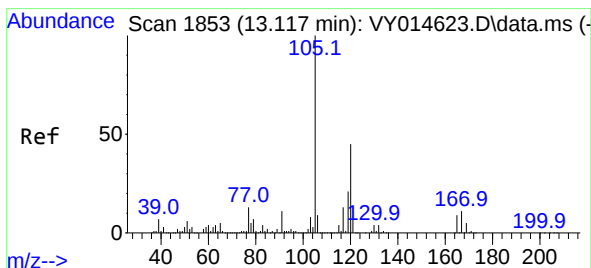
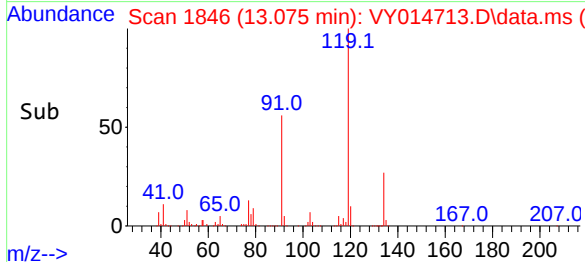
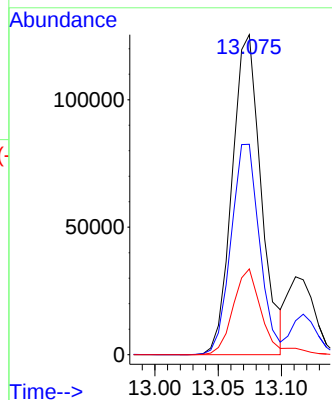
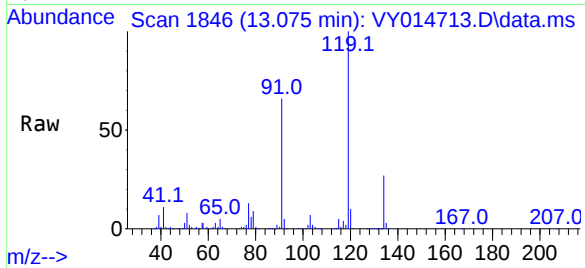




#83
tert-Butylbenzene
Concen: 20.058 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

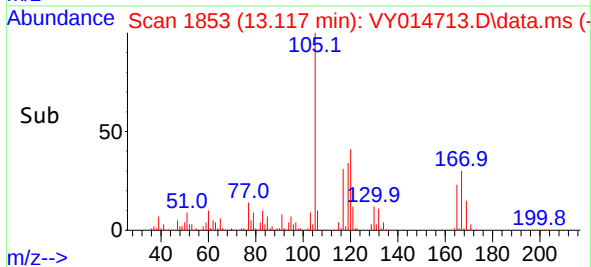
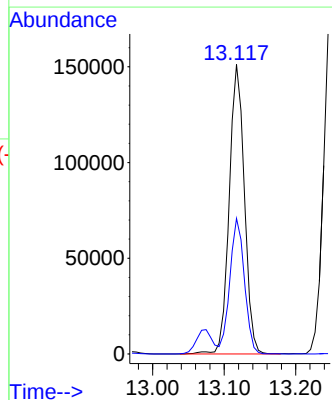
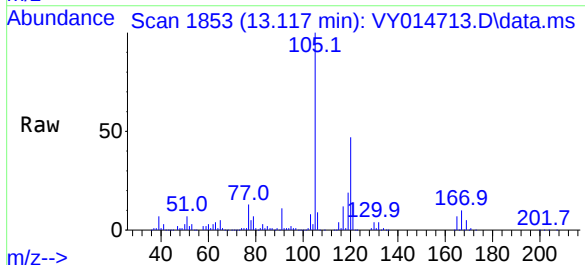
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

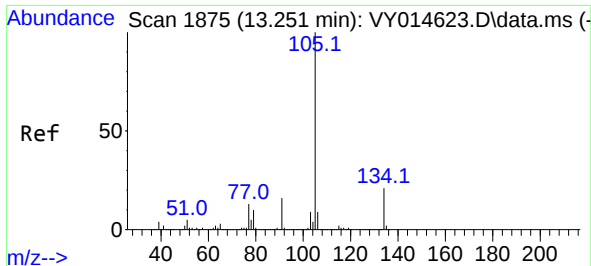
Tgt Ion:119 Resp: 200510
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.6
134 26.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.137 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:105 Resp: 222707
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6

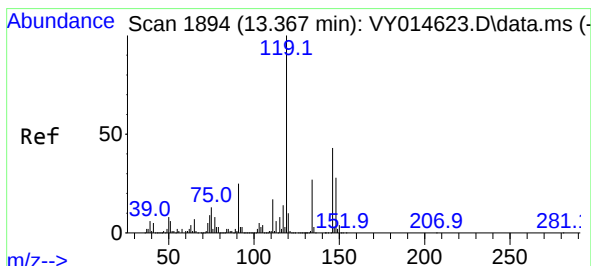
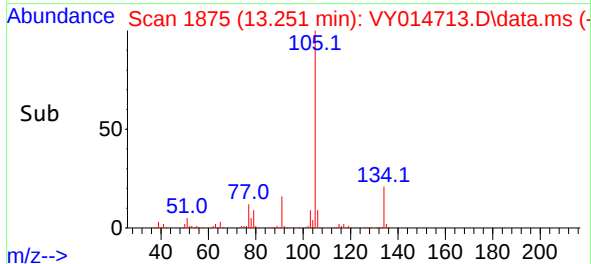
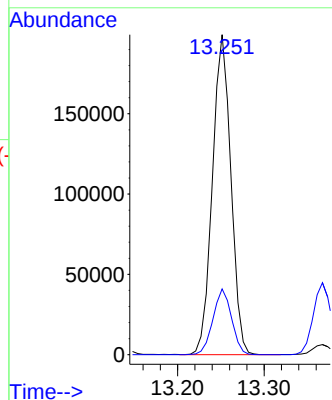
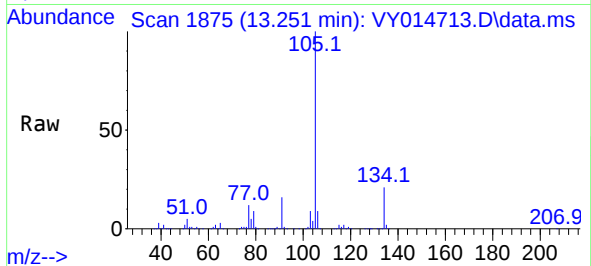




#85
 sec-Butylbenzene
 Concen: 20.143 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09

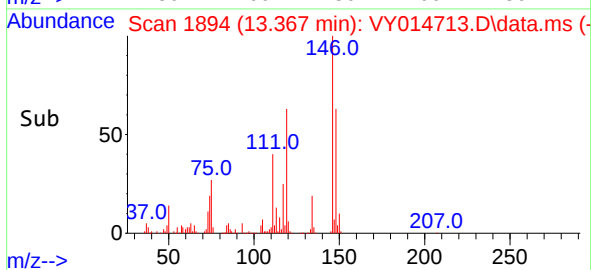
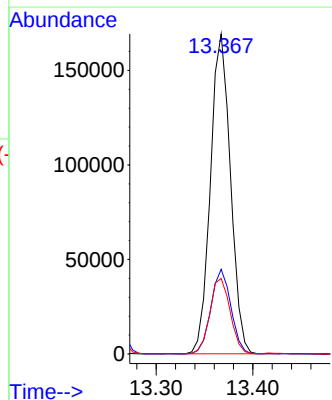
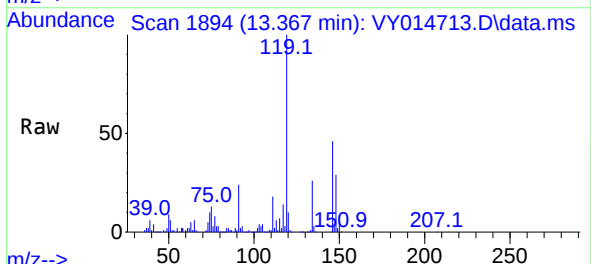
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

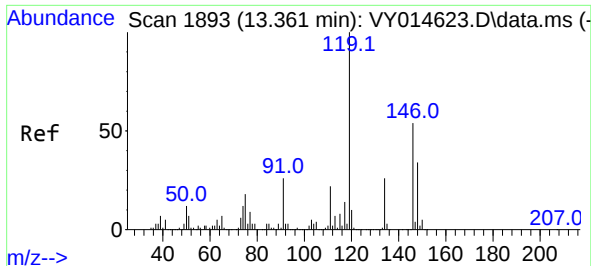
Tgt Ion:105 Resp: 295387
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.327 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09

Tgt Ion:119 Resp: 243378
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.0 12.4 37.4

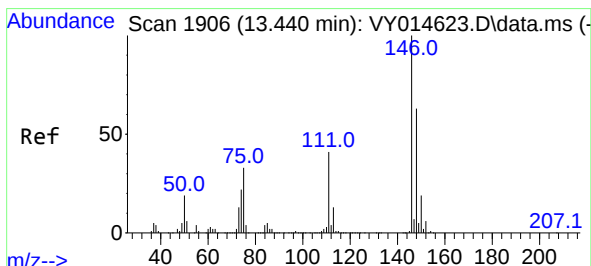
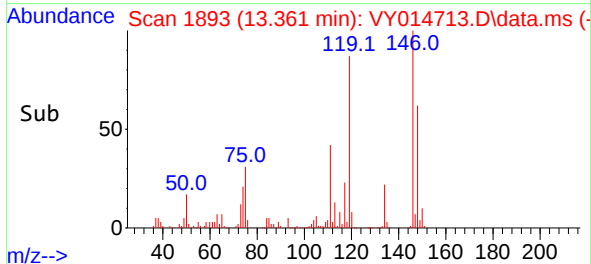
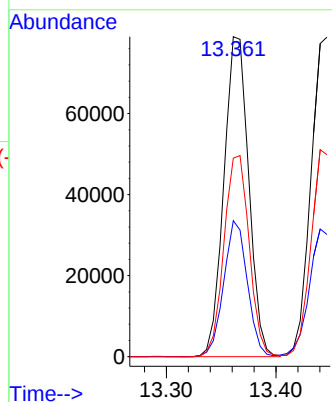
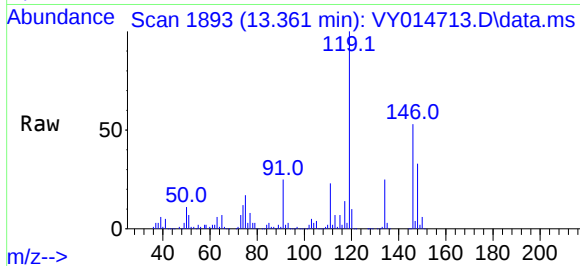




#87
1,3-Dichlorobenzene
Concen: 20.724 ug/l
RT: 13.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

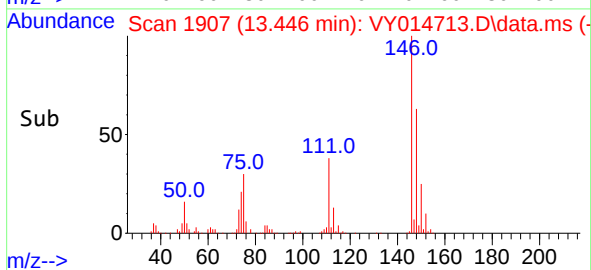
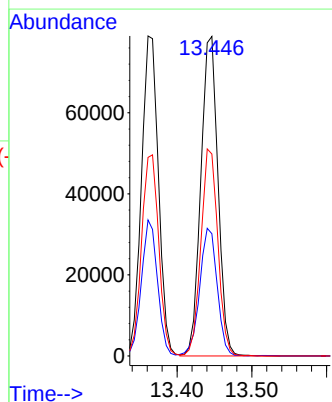
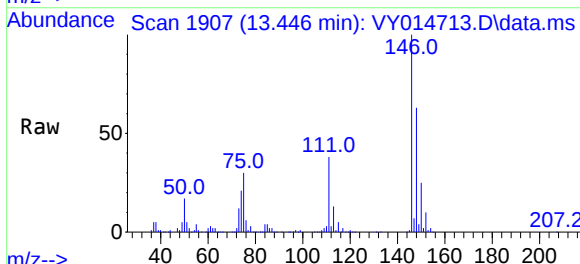
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

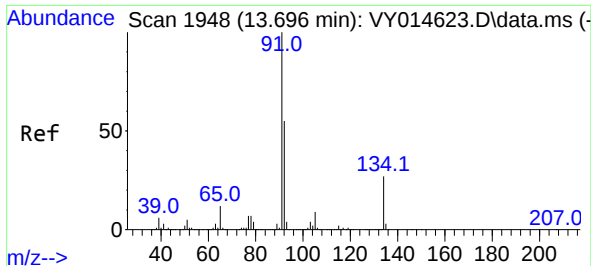
Tgt Ion:146 Resp: 124236
Ion Ratio Lower Upper
146 100
111 40.4 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.895 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:146 Resp: 125523
Ion Ratio Lower Upper
146 100
111 40.7 18.9 56.7
148 64.1 32.1 96.5

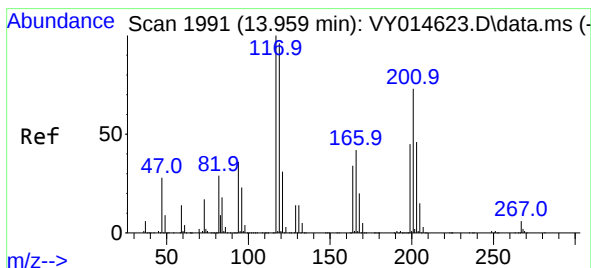
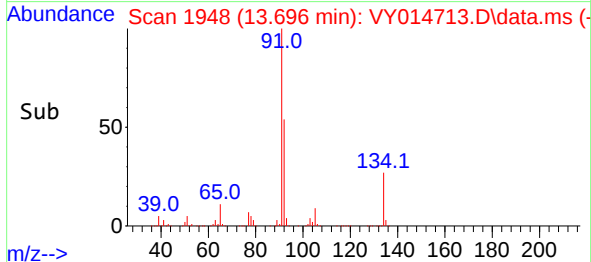
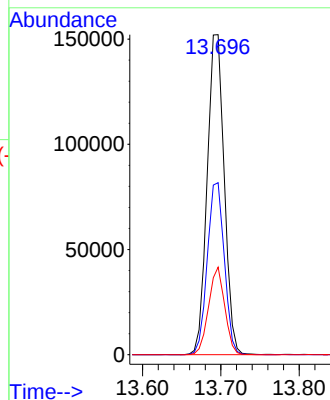
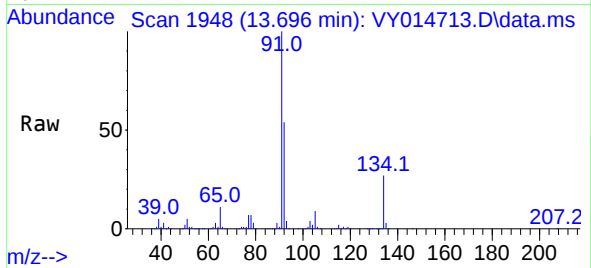




#89
n-Butylbenzene
Concen: 19.746 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

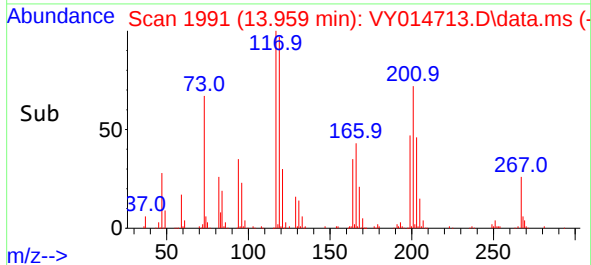
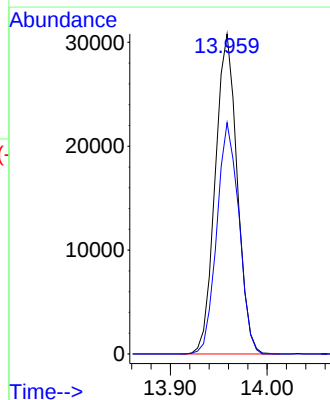
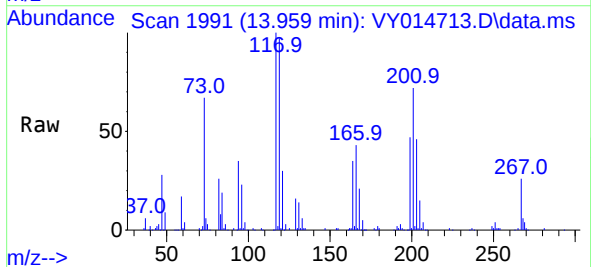
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

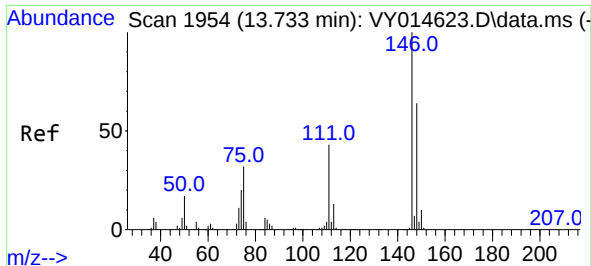
Tgt Ion: 91 Resp: 230013
Ion Ratio Lower Upper
91 100
92 53.6 25.4 76.0
134 25.9 12.6 37.6



#90
Hexachloroethane
Concen: 19.721 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 117 Resp: 48499
Ion Ratio Lower Upper
117 100
201 72.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.745 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

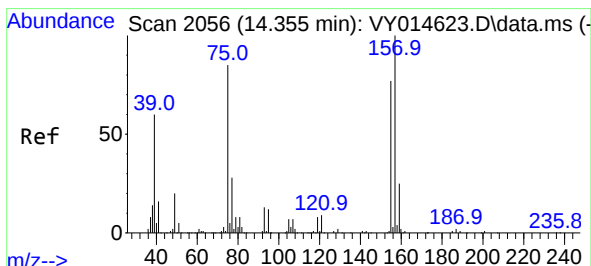
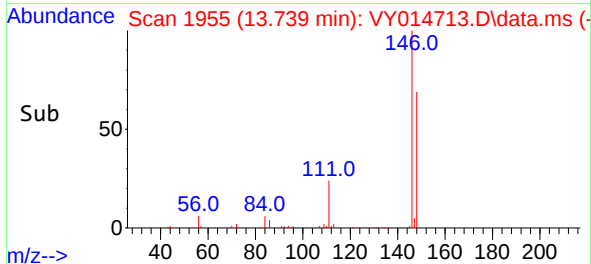
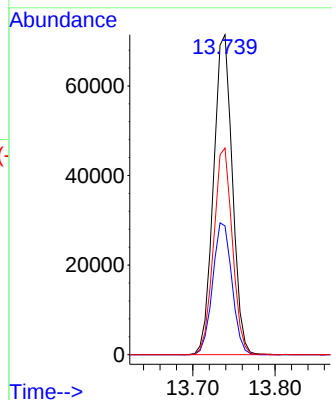
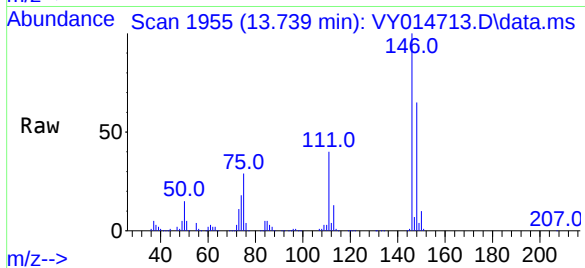
Tgt Ion:146 Resp: 113942

Ion Ratio Lower Upper

146 100

111 42.1 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.146 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

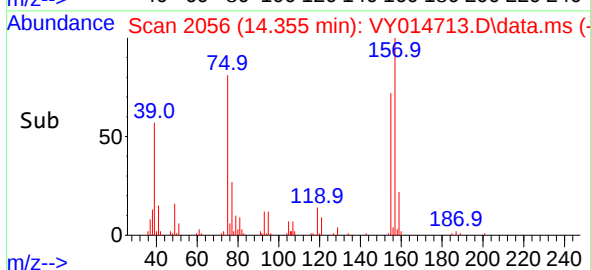
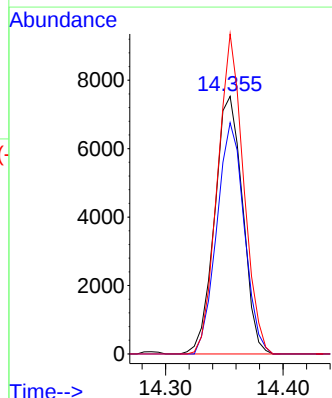
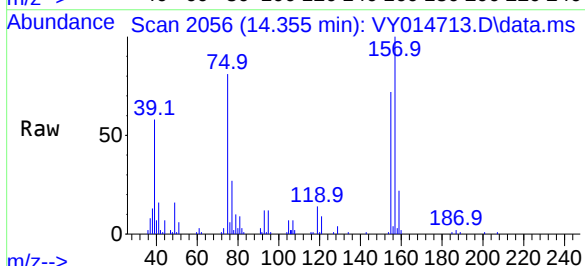
Tgt Ion: 75 Resp: 12444

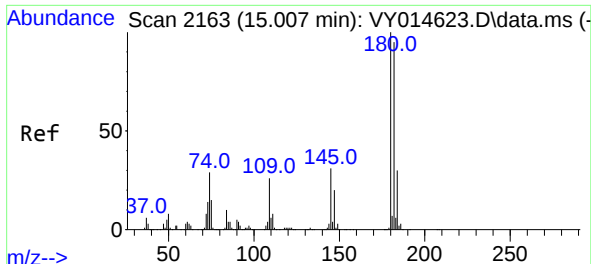
Ion Ratio Lower Upper

75 100

155 88.0 41.5 124.6

157 115.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.419 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

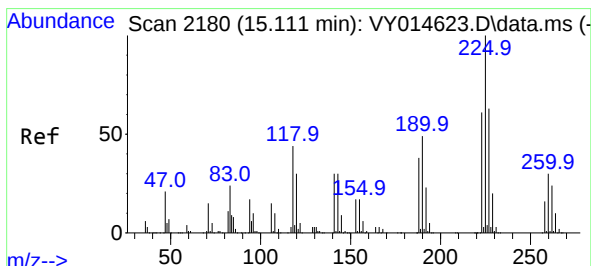
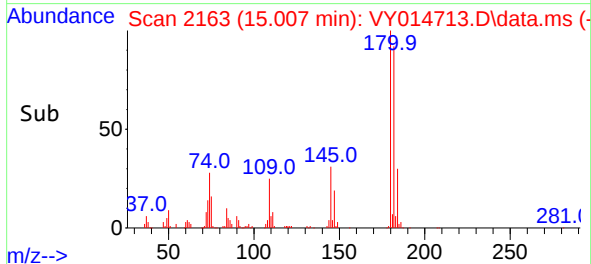
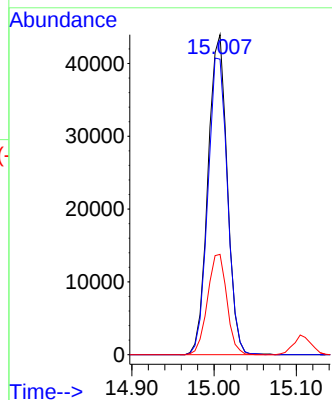
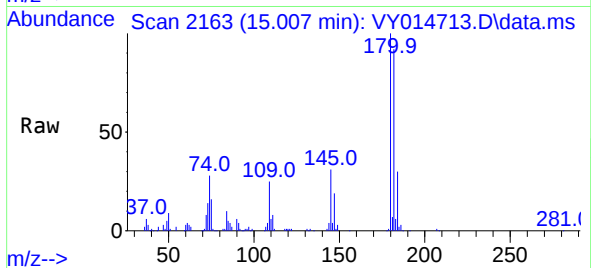
Tgt Ion:180 Resp: 71191

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.521 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

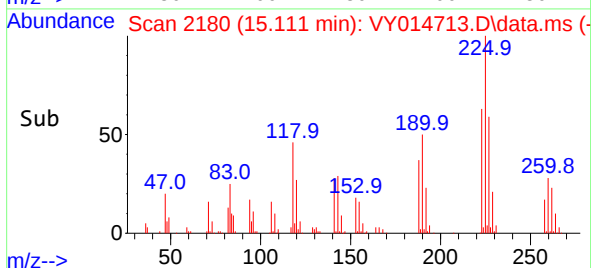
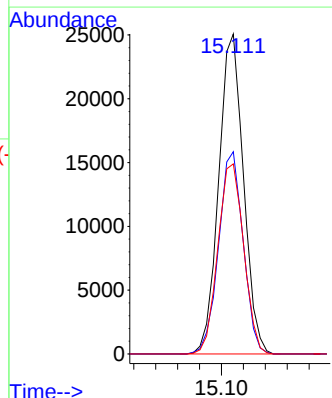
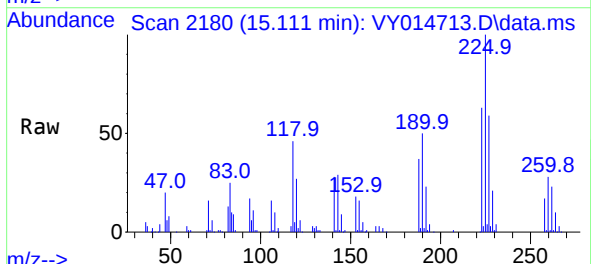
Tgt Ion:225 Resp: 39317

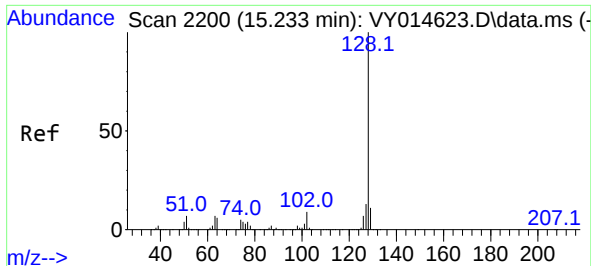
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 61.9 33.0 98.9

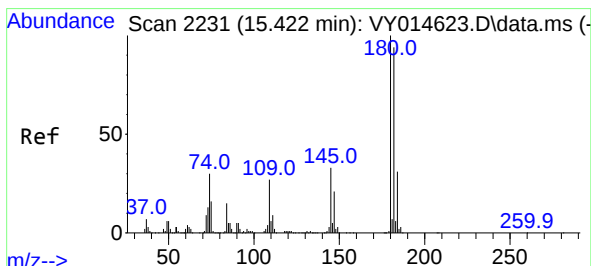
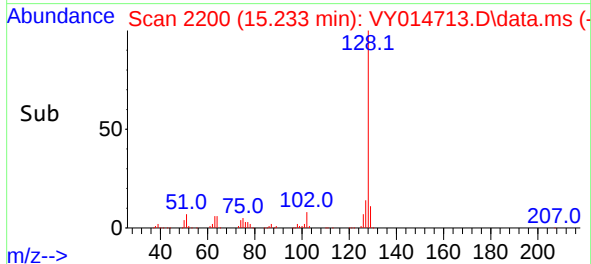
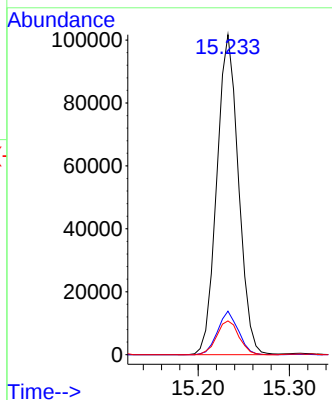
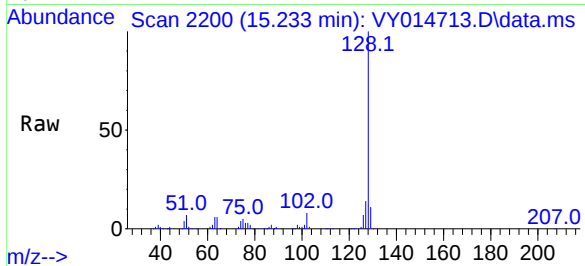




#95
Naphthalene
Concen: 20.637 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:	128	Resp:	167632
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.395 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:	180	Resp:	63197
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.8
145	32.4	15.4	46.2

