

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011924.D
 Acq On : 20 Dec 2022 15:59
 Operator : KP/MD
 Sample : VY1220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

Quant Time: Dec 21 00:09:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	224170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	347291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	113432	50.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.460%	
35) Dibromofluoromethane	7.716	113	102317	48.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.880%	
50) Toluene-d8	10.179	98	422035	49.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.483	95	141096	49.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.920%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	23250	14.829	ug/l	98
3) Chloromethane	2.113	50	31092	15.584	ug/l	98
4) Vinyl Chloride	2.253	62	35249	16.021	ug/l	99
5) Bromomethane	2.643	94	28200	18.015	ug/l	99
6) Chloroethane	2.790	64	24673	17.156	ug/l	98
7) Trichlorofluoromethane	3.125	101	70367	18.269	ug/l	95
8) Diethyl Ether	3.527	74	22397	18.846	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	40530	19.115	ug/l	99
10) Methyl Iodide	4.094	142	49027	16.712	ug/l	97
11) Tert butyl alcohol	4.948	59	24745	88.937	ug/l	97
12) 1,1-Dichloroethene	3.875	96	39863	18.795	ug/l	99
13) Acrolein	3.728	56	24164	114.457	ug/l	100
14) Allyl chloride	4.478	41	58236	18.646	ug/l	95
15) Acrylonitrile	5.161	53	55572	100.524	ug/l	99
16) Acetone	3.948	43	47985	74.652	ug/l	97
17) Carbon Disulfide	4.198	76	118851	17.567	ug/l	98
18) Methyl Acetate	4.478	43	31133	19.950	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	108595	19.956	ug/l	98
20) Methylene Chloride	4.716	84	59828	19.326	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	45305	18.800	ug/l	95
22) Diisopropyl ether	6.118	45	125298	20.369	ug/l	97
23) Vinyl Acetate	6.063	43	360080	101.743	ug/l	97
24) 1,1-Dichloroethane	6.015	63	78768	19.700	ug/l	99
25) 2-Butanone	6.984	43	69779	92.753	ug/l	96
26) 2,2-Dichloropropane	6.984	77	74417	19.020	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	51280	19.674	ug/l	99
28) Bromochloromethane	7.331	49	21587	19.674	ug/l	95
29) Tetrahydrofuran	7.350	42	44453	104.291	ug/l	98
30) Chloroform	7.502	83	86697	20.117	ug/l	98
31) Cyclohexane	7.789	56	71752	18.872	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	80450	19.626	ug/l	99
36) 1,1-Dichloropropene	7.917	75	64177	19.136	ug/l	99
37) Ethyl Acetate	7.075	43	30175	20.055	ug/l	98
38) Carbon Tetrachloride	7.905	117	74341	19.193	ug/l	97
39) Methylcyclohexane	9.185	83	78033	19.337	ug/l	98
40) Benzene	8.161	78	186738	19.457	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	41815	57.470	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	55468	20.076	ug/l	99
43) Isopropyl Acetate	8.270	43	55830	20.317	ug/l	99
44) Trichloroethene	8.941	130	51864	19.172	ug/l	99
45) 1,2-Dichloropropane	9.215	63	44035	19.858	ug/l	98
46) Dibromomethane	9.307	93	25543	19.997	ug/l	99
47) Bromodichloromethane	9.496	83	63834	19.698	ug/l	97
48) Methyl methacrylate	9.295	41	24971	19.626	ug/l	95
49) 1,4-Dioxane	9.295	88	6018	394.609	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	151916	103.676	ug/l	99
52) Toluene	10.246	92	123078	20.128	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	66012	20.160	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	74143	20.144	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	36825	20.316	ug/l	95
56) Ethyl methacrylate	10.508	69	47182	20.559	ug/l	98
57) 1,3-Dichloropropane	10.788	76	61502	20.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	89662	101.247	ug/l	96
59) 2-Hexanone	10.831	43	106269	98.581	ug/l	99
60) Dibromochloromethane	10.983	129	47562	20.829	ug/l	97
61) 1,2-Dibromoethane	11.087	107	34132	20.127	ug/l	99
64) Tetrachloroethene	10.721	164	53839	19.595	ug/l	98
65) Chlorobenzene	11.514	112	128805	19.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	48659	20.065	ug/l	99
67) Ethyl Benzene	11.593	91	234081	19.868	ug/l	100
68) m/p-Xylenes	11.703	106	182047	39.732	ug/l	99
69) o-Xylene	12.032	106	86433	20.274	ug/l	98
70) Styrene	12.044	104	143446	20.039	ug/l	99
71) Bromoform	12.209	173	29493	20.525	ug/l #	98
73) Isopropylbenzene	12.331	105	233592	19.922	ug/l	99
74) N-amyl acetate	12.142	43	49154	20.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	40044	20.472	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	55793	28.377	ug/l #	100
77) Bromobenzene	12.611	156	54402	20.055	ug/l	97
78) n-propylbenzene	12.672	91	282241	20.026	ug/l	100
79) 2-Chlorotoluene	12.757	91	156899	19.805	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	201868	20.109	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	14724	20.508	ug/l	97
82) 4-Chlorotoluene	12.855	91	166091	20.262	ug/l	100
83) tert-Butylbenzene	13.074	119	169985	19.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	199661	20.217	ug/l	98
85) sec-Butylbenzene	13.251	105	256205	20.167	ug/l	98
86) p-Isopropyltoluene	13.367	119	217270	20.268	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	107760	19.753	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	107279	19.781	ug/l	99
89) n-Butylbenzene	13.696	91	196263	20.225	ug/l	99
90) Hexachloroethane	13.958	117	41304	20.194	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	95238	20.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6982	20.770	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	57910	20.699	ug/l	97
94) Hexachlorobutadiene	15.111	225	37182	20.568	ug/l	99
95) Naphthalene	15.232	128	106400	20.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	48247	20.397	ug/l	98

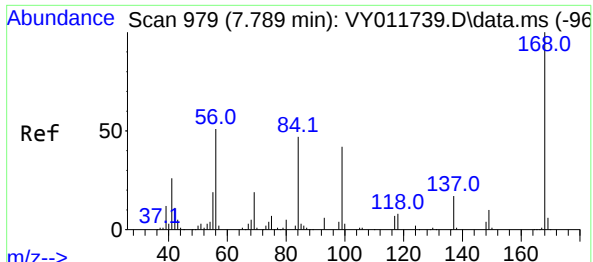
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
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Response via : Initial Calibration

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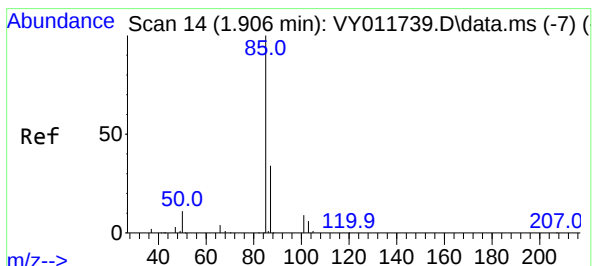
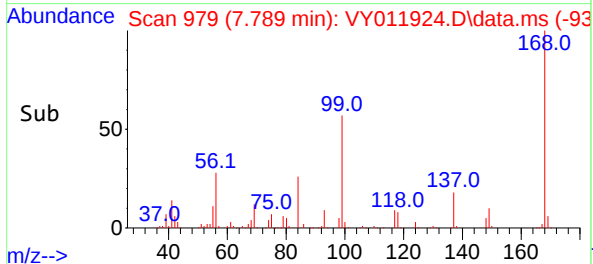
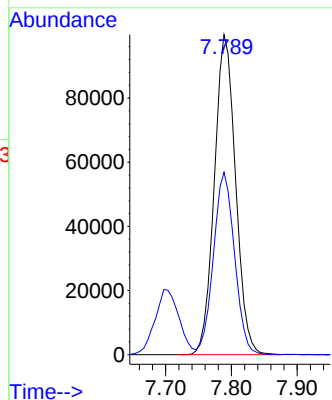
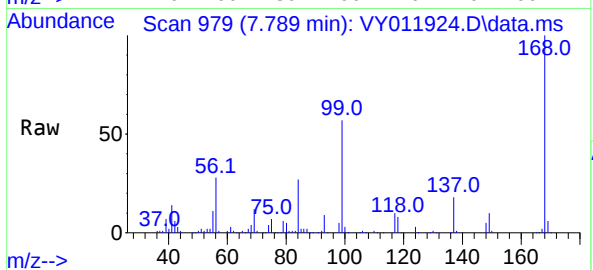
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011924.D
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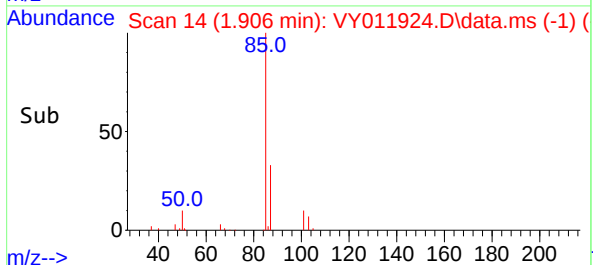
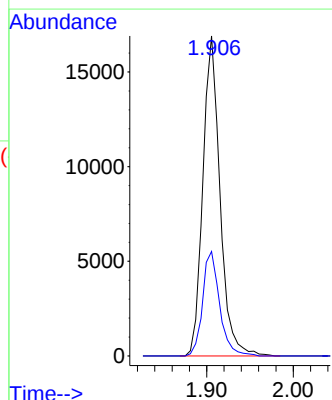
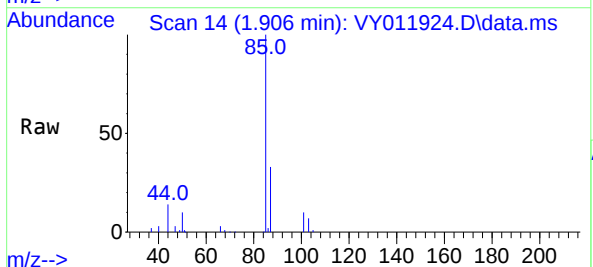
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

Tgt Ion:168 Resp: 224170
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0

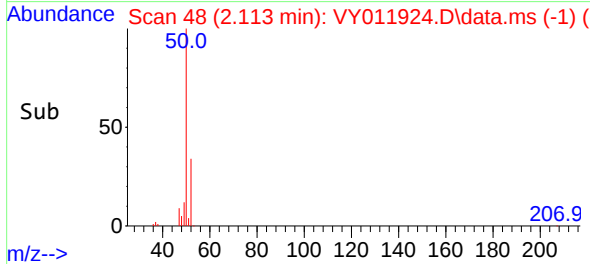
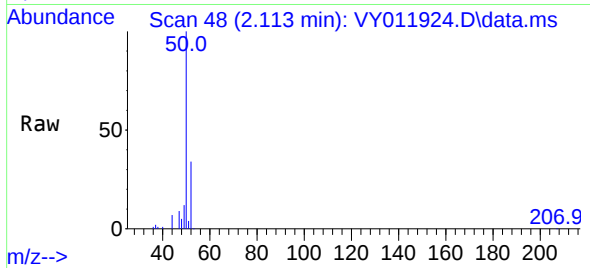
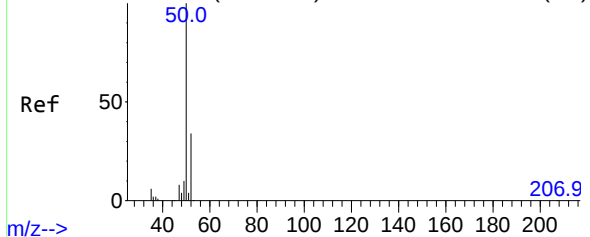


#2
Dichlorodifluoromethane
Concen: 14.829 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 85 Resp: 23250
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4



Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



#3

Chloromethane

Concen: 15.584 ug/l

RT: 2.113 min Scan# 48

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

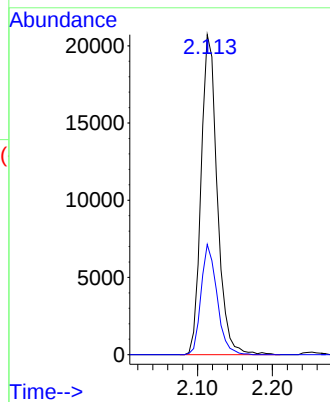
VY1220SBS01

Tgt Ion: 50 Resp: 31092

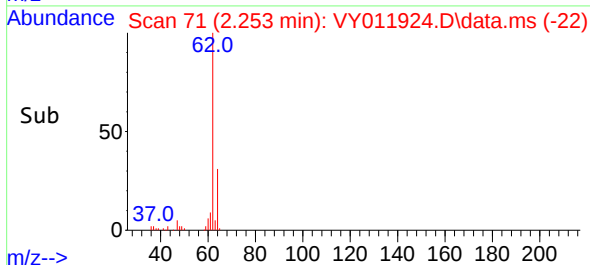
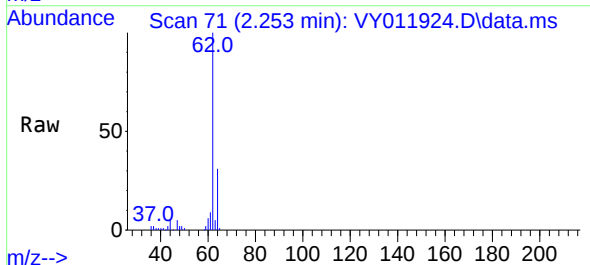
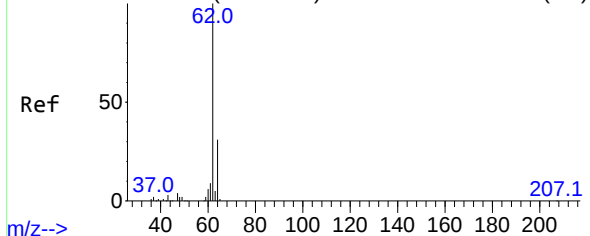
Ion Ratio Lower Upper

50 100

52 34.5 26.8 40.2



Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 16.021 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011924.D

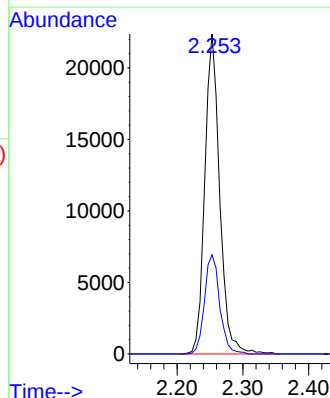
Acq: 20 Dec 2022 15:59

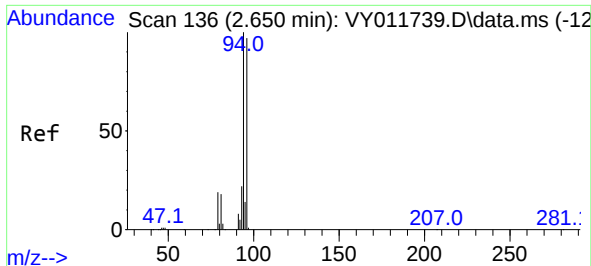
Tgt Ion: 62 Resp: 35249

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.6

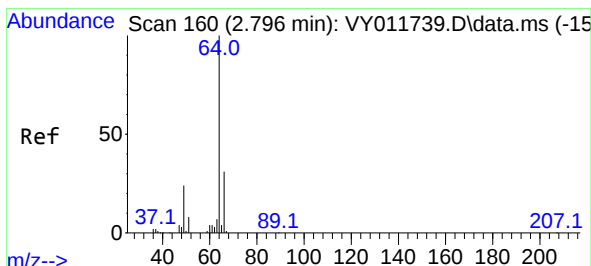
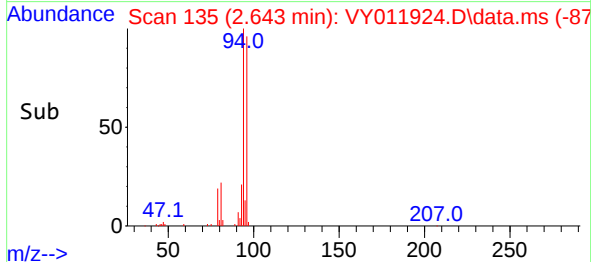
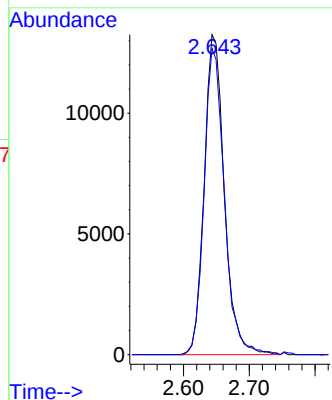
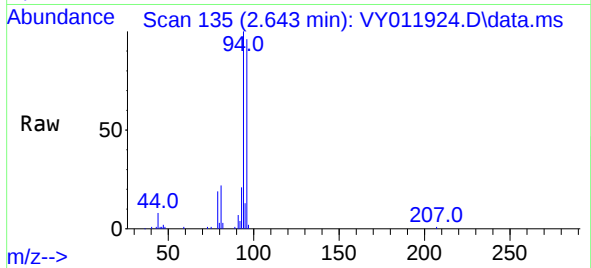




#5
Bromomethane
Concen: 18.015 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

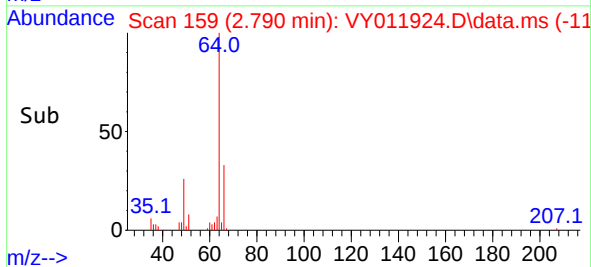
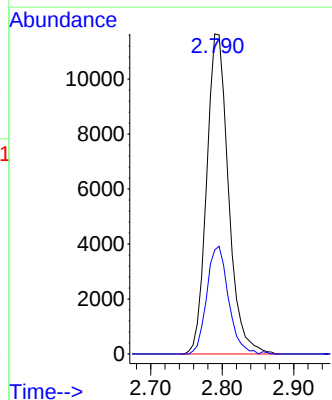
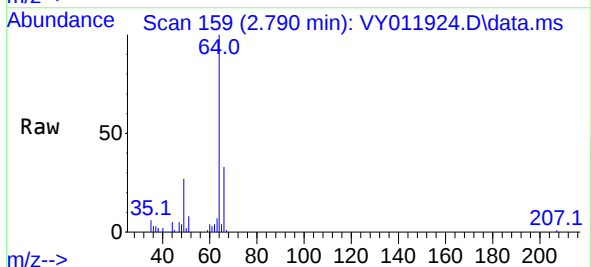
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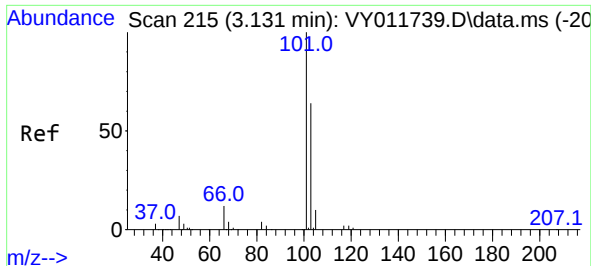
Tgt Ion: 94 Resp: 28200
Ion Ratio Lower Upper
94 100
96 95.7 77.4 116.2



#6
Chloroethane
Concen: 17.156 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 64 Resp: 24673
Ion Ratio Lower Upper
64 100
66 32.6 25.0 37.4

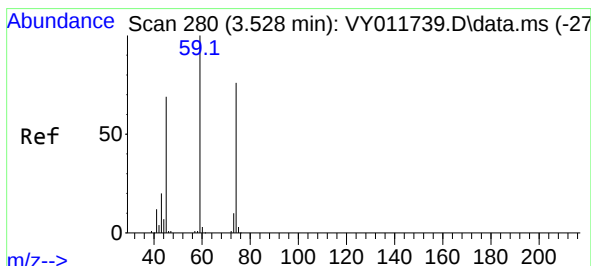
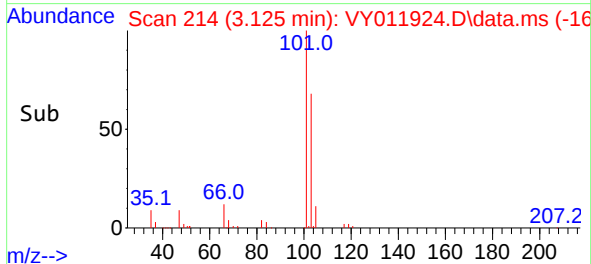
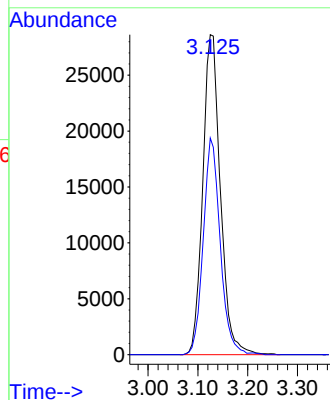
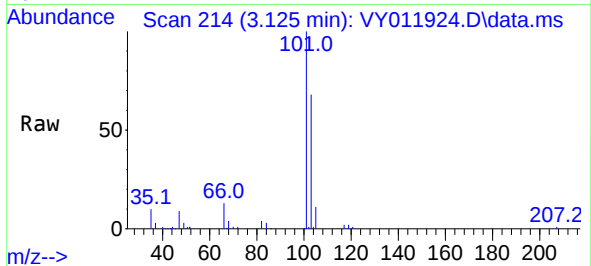




#7
Trichlorofluoromethane
Concen: 18.269 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

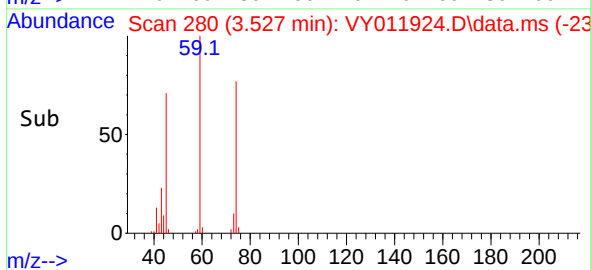
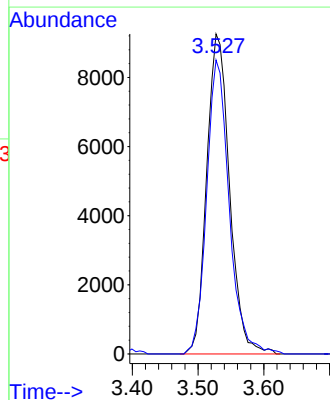
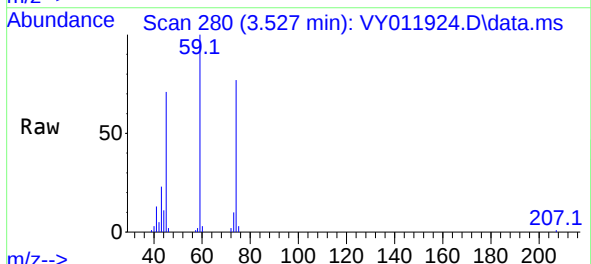
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

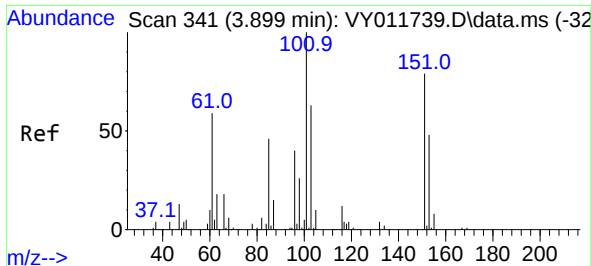
Tgt Ion:101 Resp: 70367
Ion Ratio Lower Upper
101 100
103 67.7 51.0 76.6



#8
Diethyl Ether
Concen: 18.846 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 74 Resp: 22397
Ion Ratio Lower Upper
74 100
45 90.7 46.8 140.3

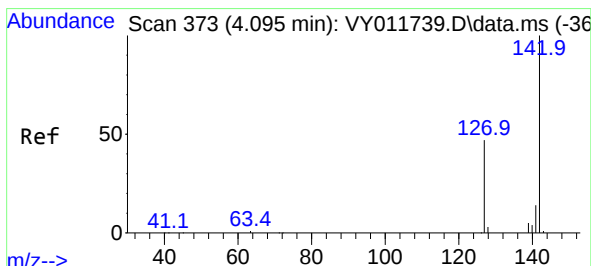
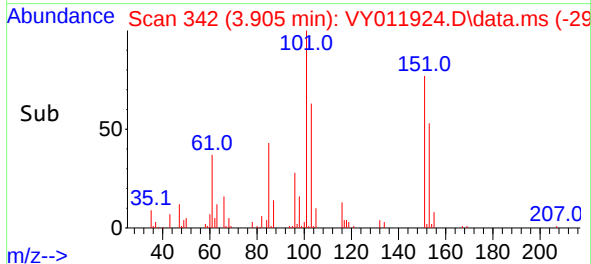
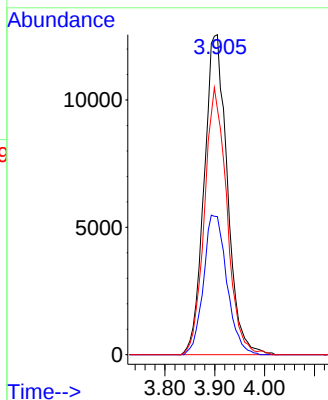
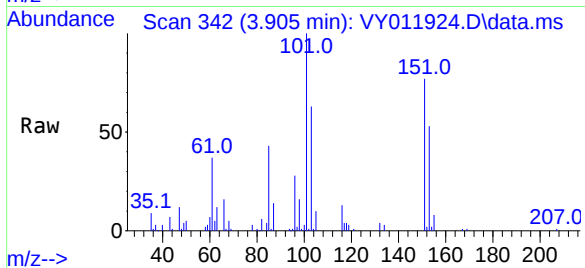




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.115 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

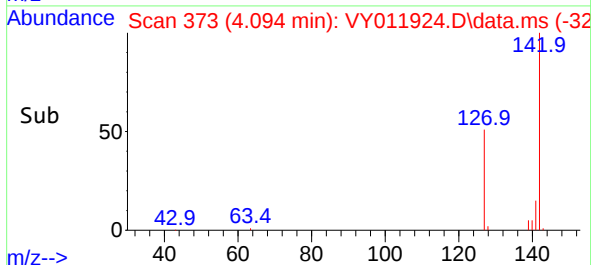
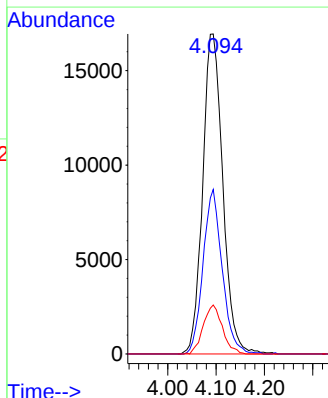
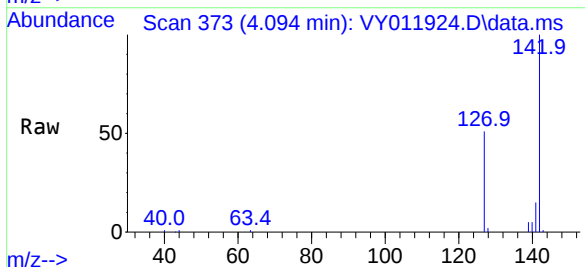
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

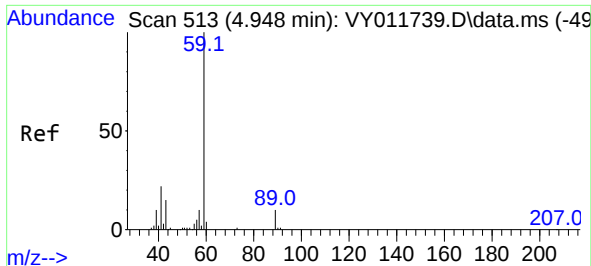
Tgt Ion:101 Resp: 40530
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.2
151 80.9 64.2 96.2



#10
Methyl Iodide
Concen: 16.712 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:142 Resp: 49027
Ion Ratio Lower Upper
142 100
127 48.9 37.0 55.4
141 14.6 11.4 17.0

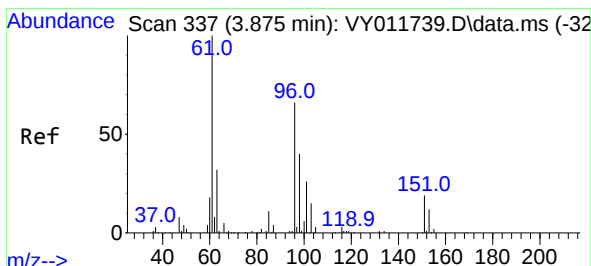
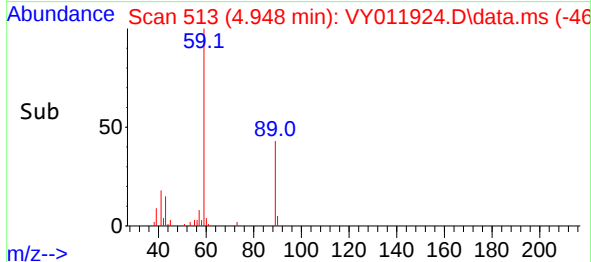
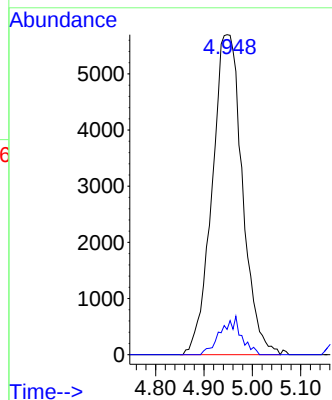
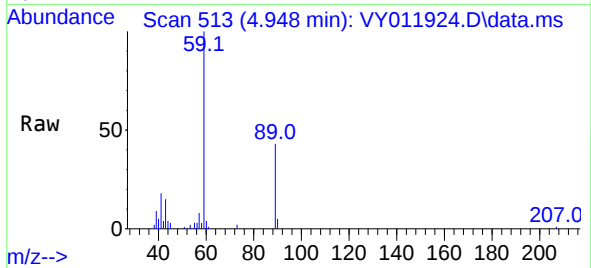




#11
Tert butyl alcohol
Concen: 88.937 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

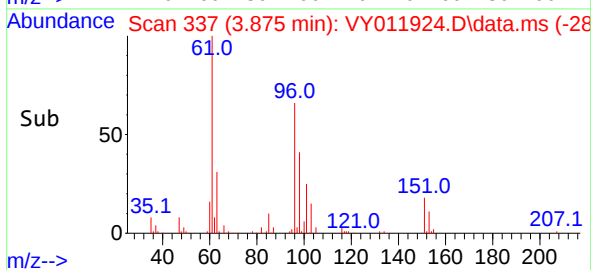
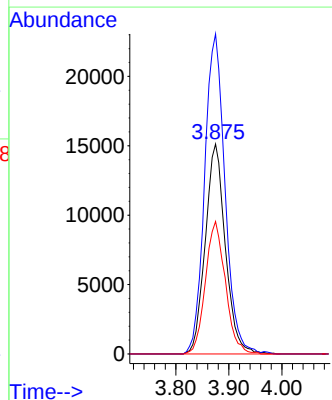
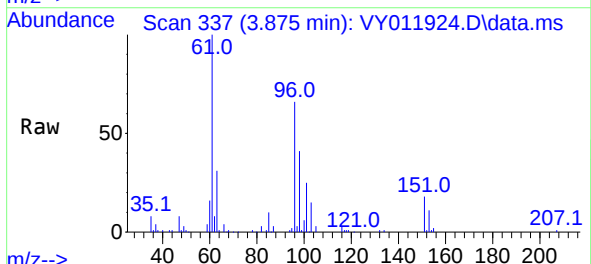
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

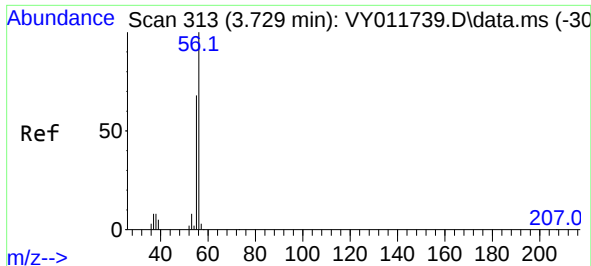
Tgt Ion: 59 Resp: 24745
Ion Ratio Lower Upper
59 100
57 8.2 7.4 11.2



#12
1,1-Dichloroethene
Concen: 18.795 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 96 Resp: 39863
Ion Ratio Lower Upper
96 100
61 152.4 122.0 183.0
98 63.1 48.6 73.0

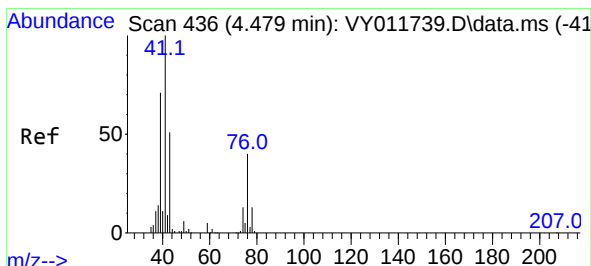
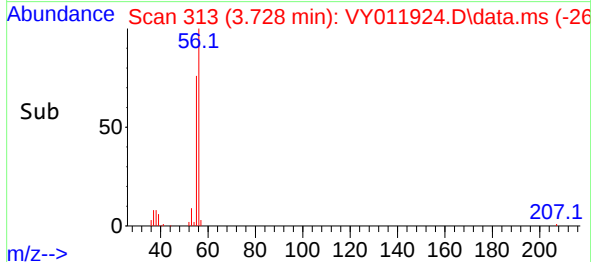
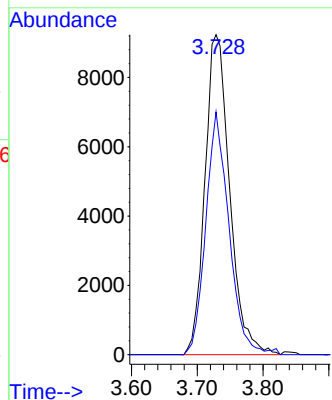
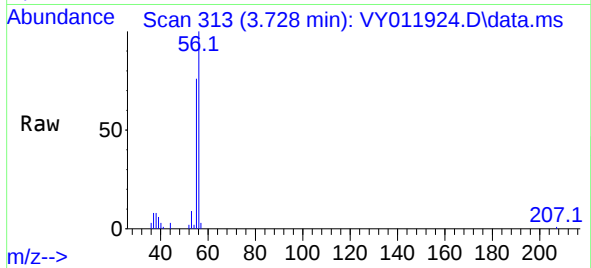




#13
Acrolein
Concen: 114.457 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

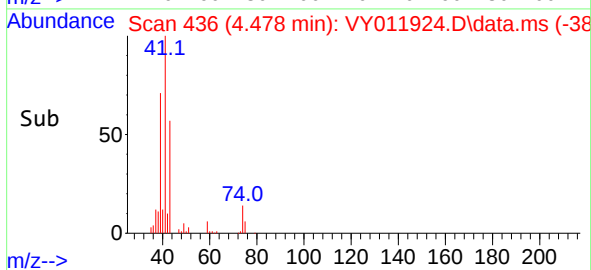
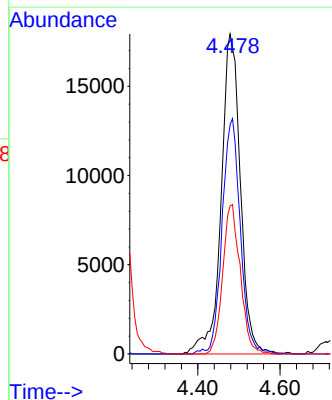
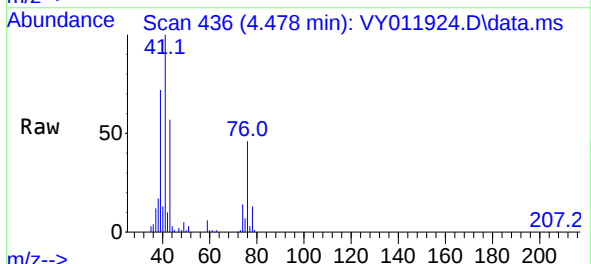
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

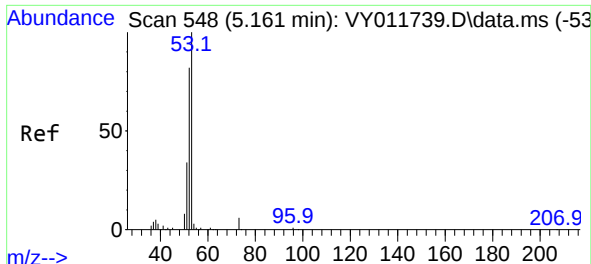
Tgt Ion: 56 Resp: 24164
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0



#14
Allyl chloride
Concen: 18.646 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 41 Resp: 58236
Ion Ratio Lower Upper
41 100
39 69.8 53.5 80.3
76 42.6 31.1 46.7





#15

Acrylonitrile

Concen: 100.524 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

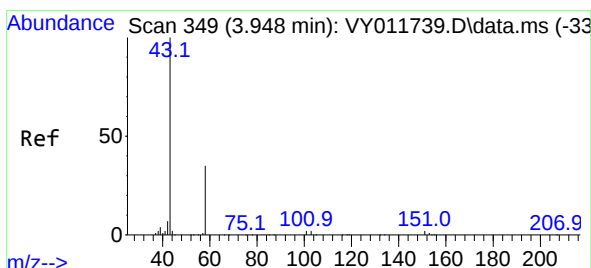
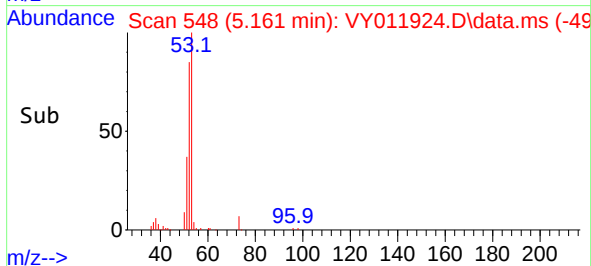
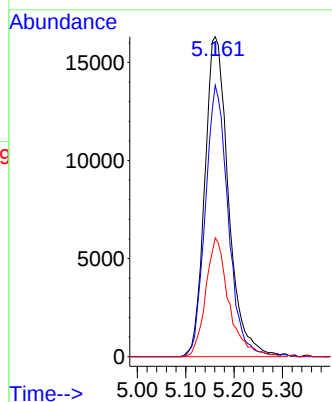
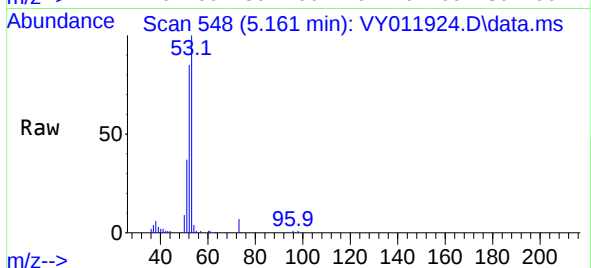
Tgt Ion: 53 Resp: 55572

Ion Ratio Lower Upper

53 100

52 81.8 65.1 97.7

51 36.4 28.7 43.1



#16

Acetone

Concen: 74.652 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY011924.D

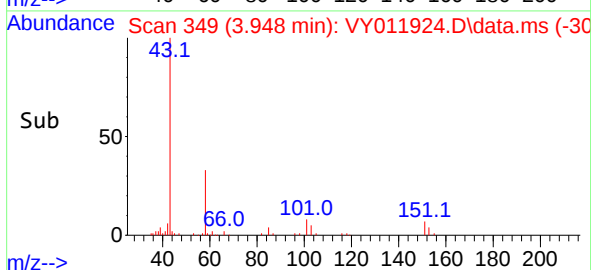
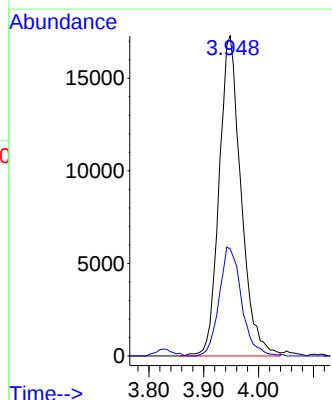
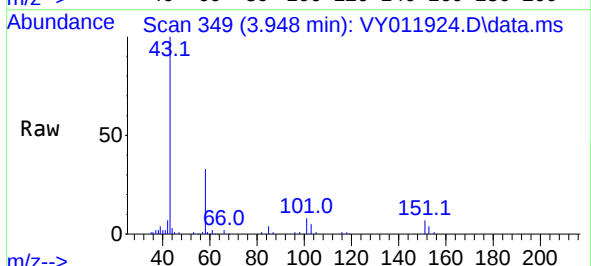
Acq: 20 Dec 2022 15:59

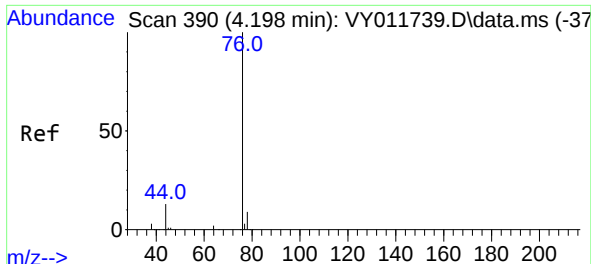
Tgt Ion: 43 Resp: 47985

Ion Ratio Lower Upper

43 100

58 33.1 27.9 41.9

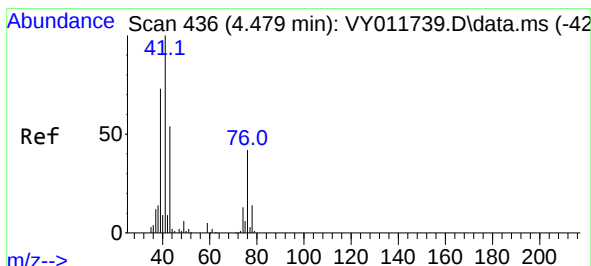
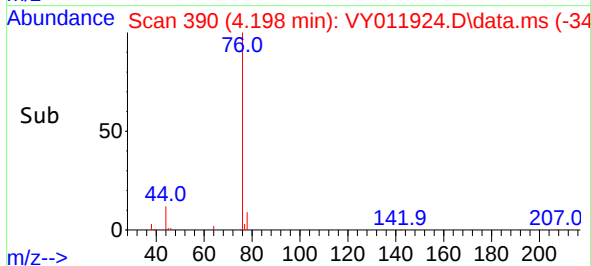
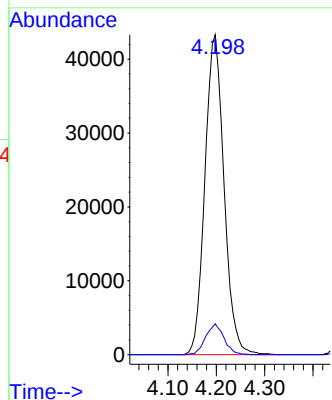
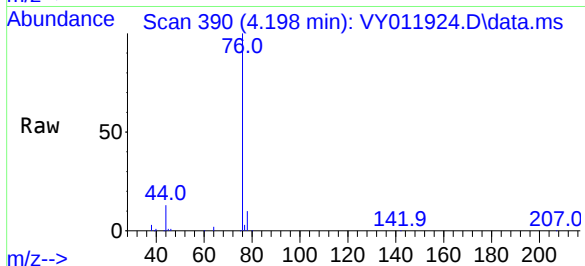




#17
Carbon Disulfide
Concen: 17.567 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

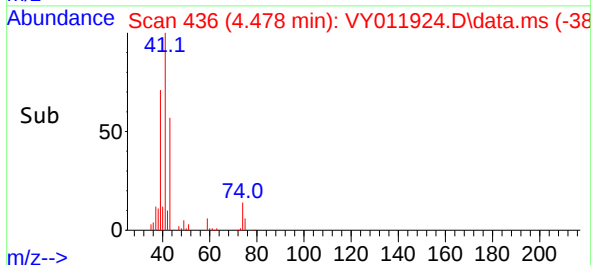
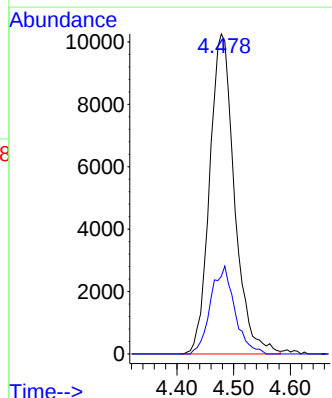
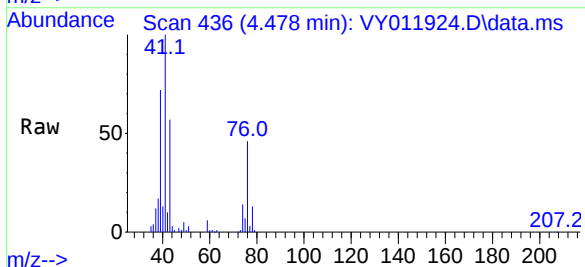
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

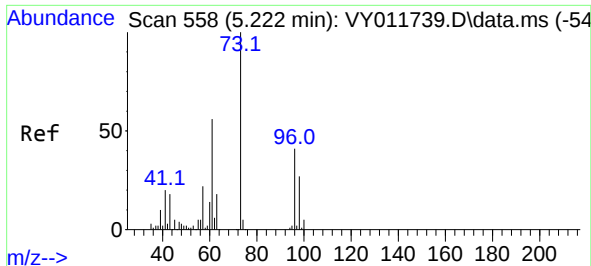
Tgt Ion: 76 Resp: 118851
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 19.950 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 43 Resp: 31133
Ion Ratio Lower Upper
43 100
74 26.7 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 19.956 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

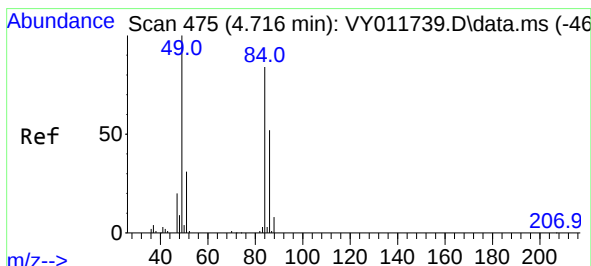
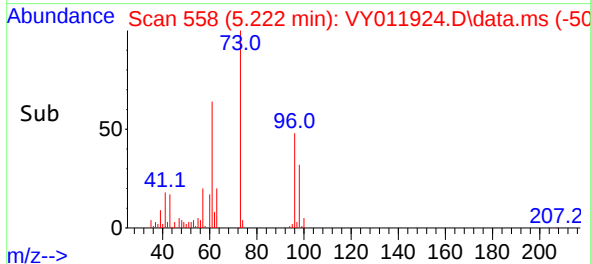
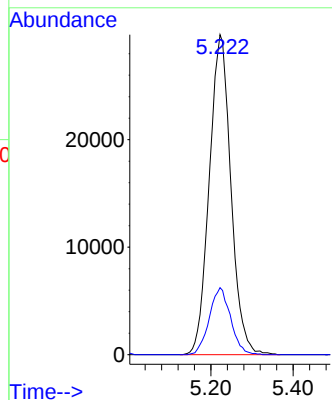
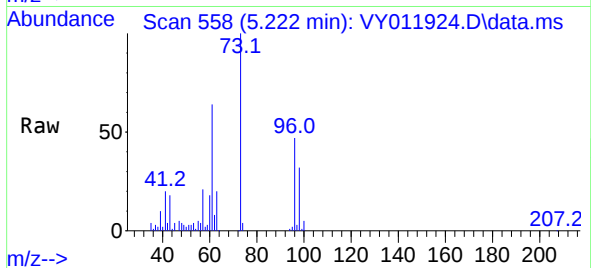
VY1220SBS01

Tgt Ion: 73 Resp: 108595

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.0



#20

Methylene Chloride

Concen: 19.326 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Tgt Ion: 84 Resp: 59828

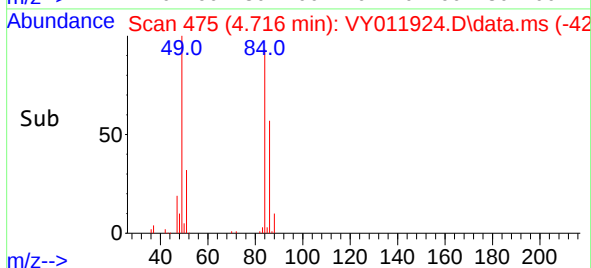
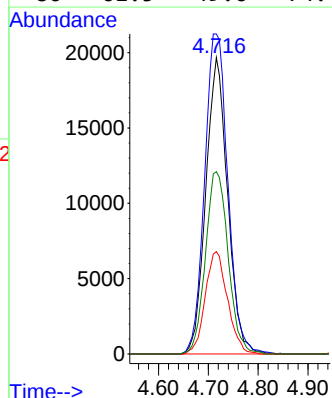
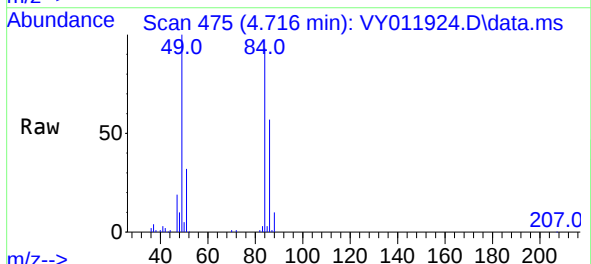
Ion Ratio Lower Upper

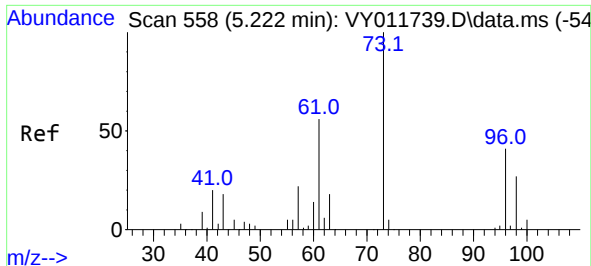
84 100

49 108.0 95.4 143.2

51 34.6 29.9 44.9

86 61.5 49.6 74.4

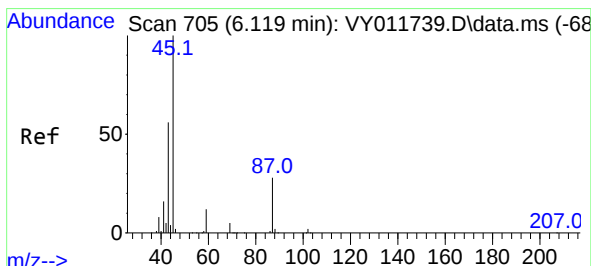
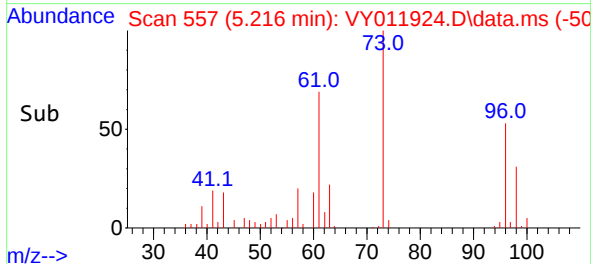
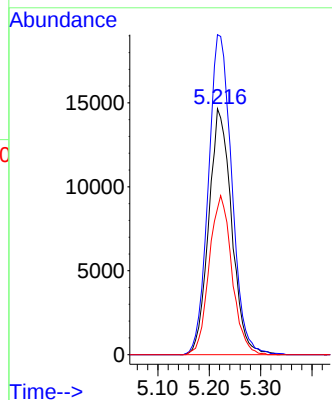
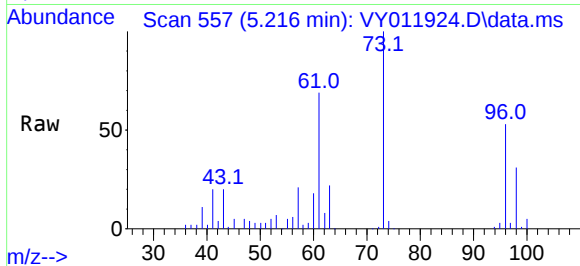




#21
trans-1,2-Dichloroethene
Concen: 18.800 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

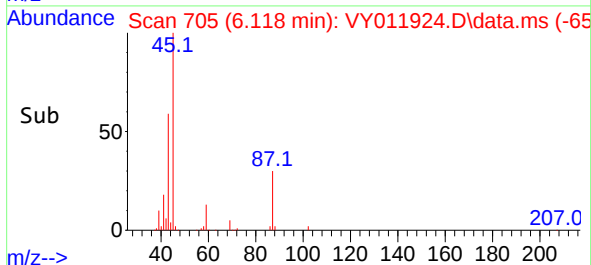
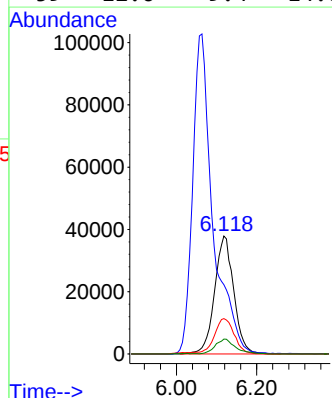
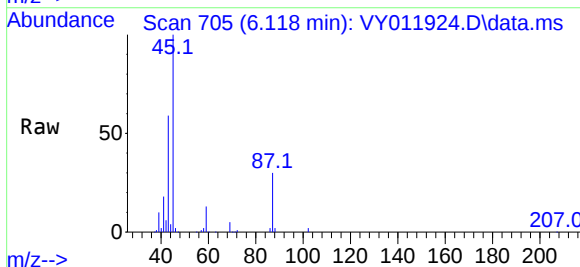
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

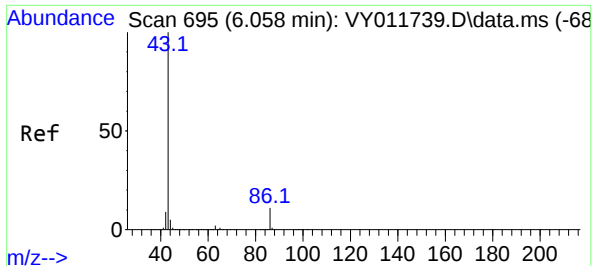
Tgt Ion: 96 Resp: 45305
Ion Ratio Lower Upper
96 100
61 130.1 108.0 162.0
98 59.4 51.6 77.4



#22
Diisopropyl ether
Concen: 20.369 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 45 Resp: 125298
Ion Ratio Lower Upper
45 100
43 58.3 45.0 67.4
87 30.0 22.6 33.8
59 12.6 9.4 14.0

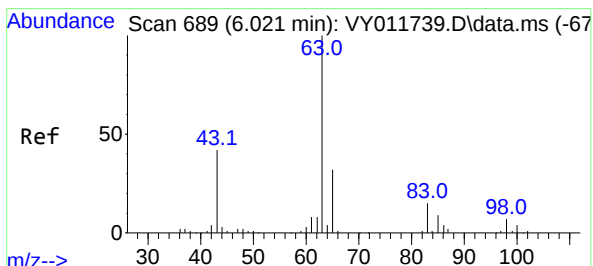
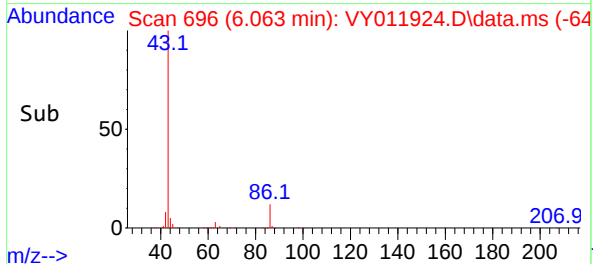
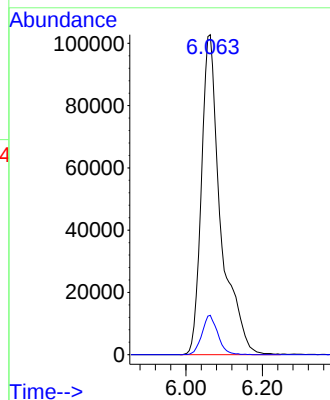
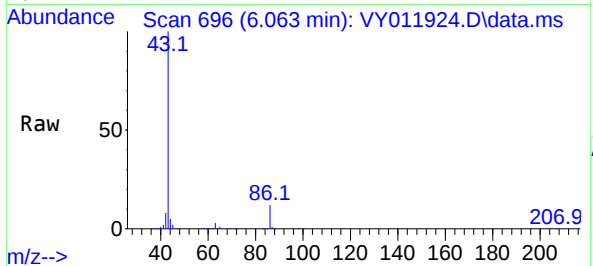




#23
 Vinyl Acetate
 Concen: 101.743 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

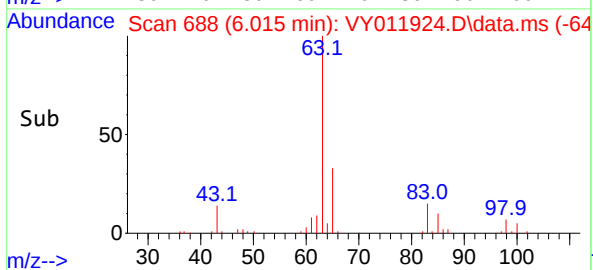
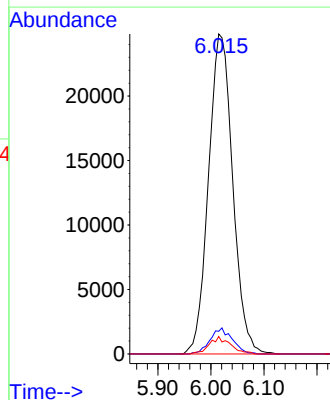
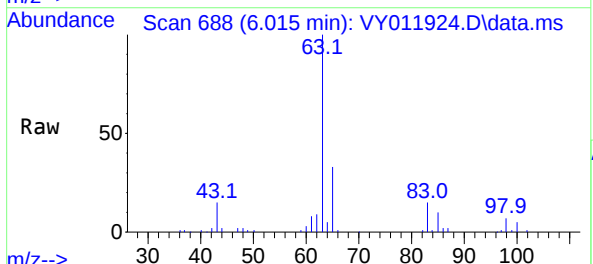
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

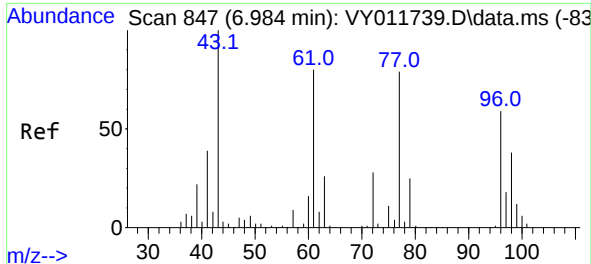
Tgt Ion: 43 Resp: 360080
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 19.700 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

Tgt Ion: 63 Resp: 78768
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 5.5 2.2 6.6

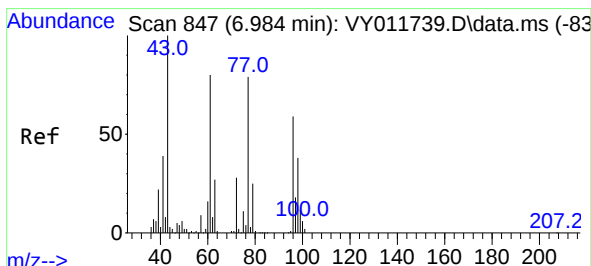
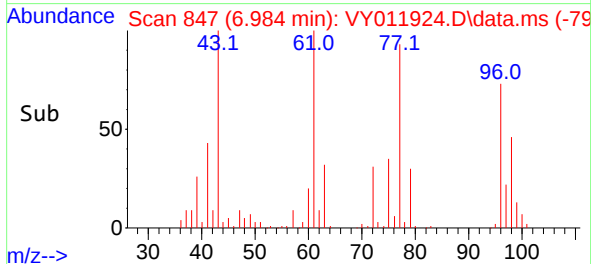
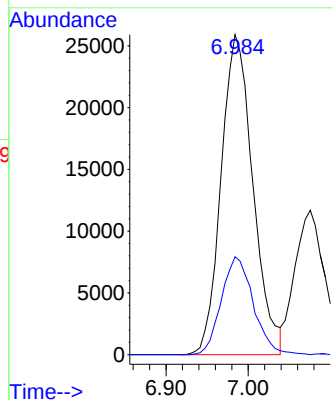
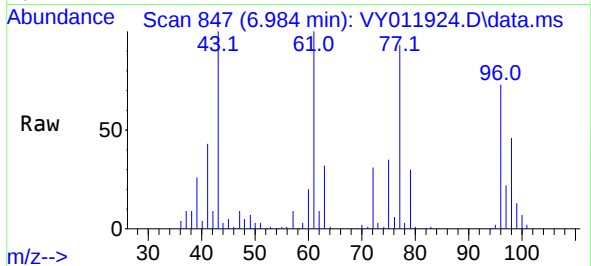




#25
2-Butanone
Concen: 92.753 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

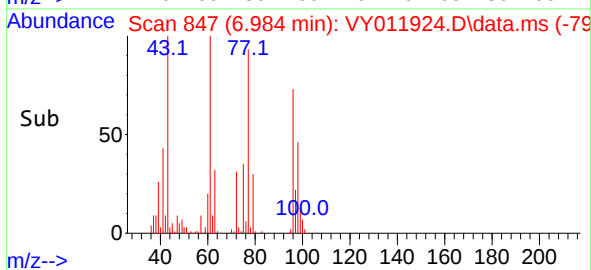
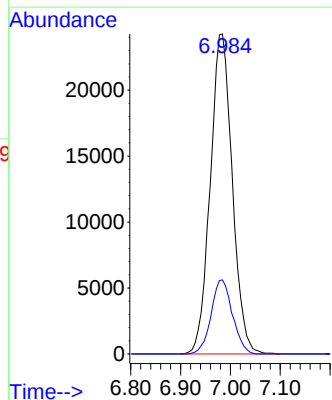
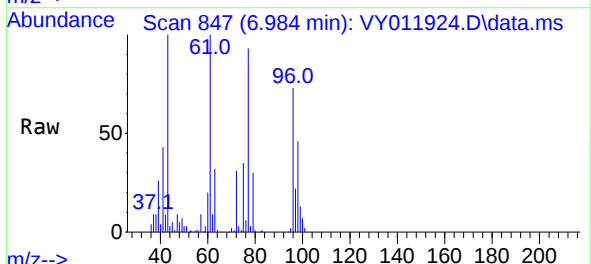
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

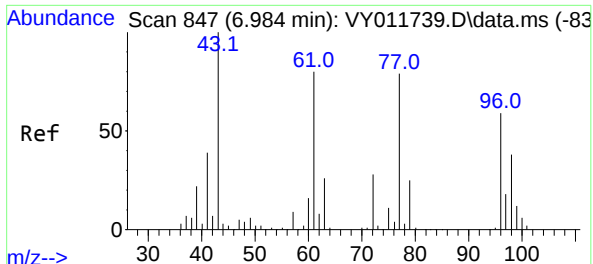
Tgt Ion: 43 Resp: 69779
Ion Ratio Lower Upper
43 100
72 30.6 22.6 34.0



#26
2,2-Dichloropropane
Concen: 19.020 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 77 Resp: 74417
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1

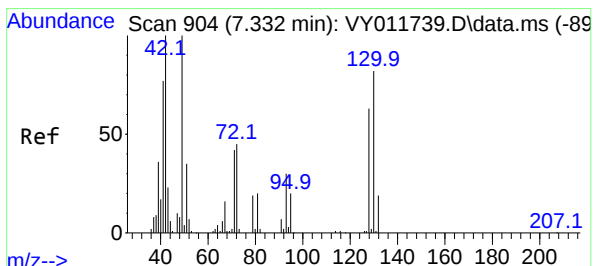
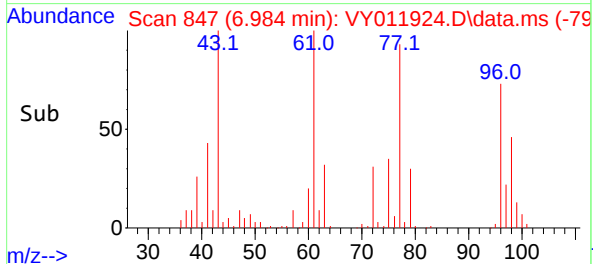
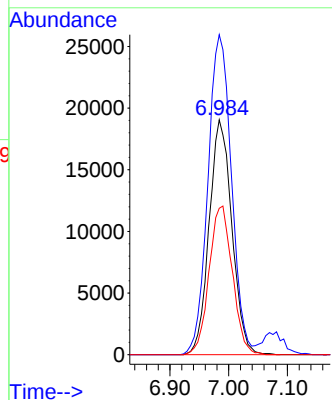
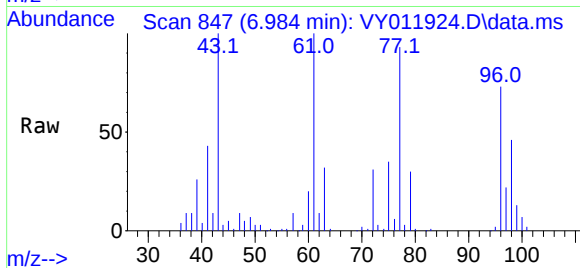




#27
 cis-1,2-Dichloroethene
 Concen: 19.674 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

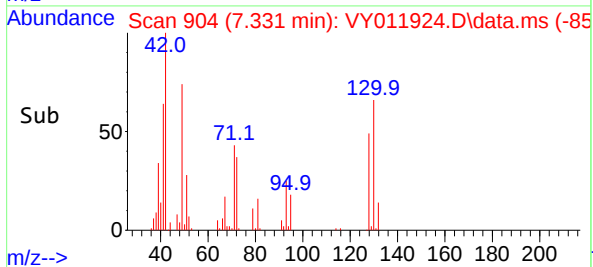
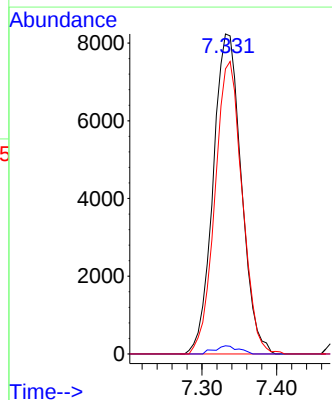
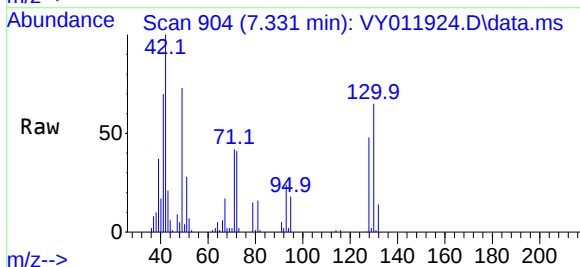
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

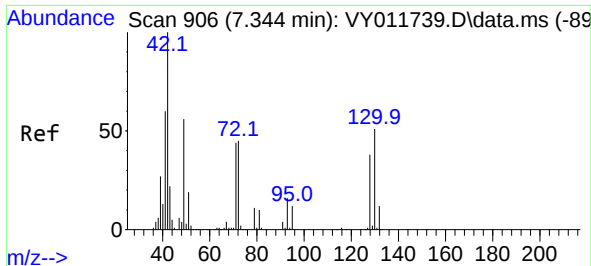
Tgt Ion: 96	Resp: 51280		
Ion Ratio	Lower	Upper	
96	100		
61	141.1	0.0	283.4
98	64.8	0.0	127.6



#28
 Bromochloromethane
 Concen: 19.674 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

Tgt Ion: 49	Resp: 21587
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.6
130 88.5	66.7 100.1

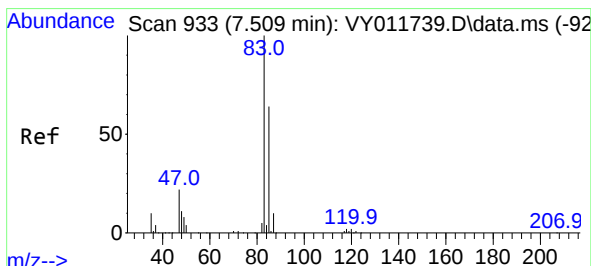
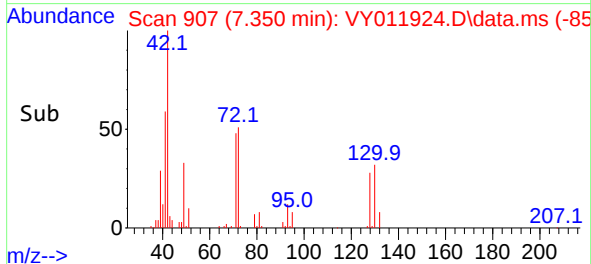
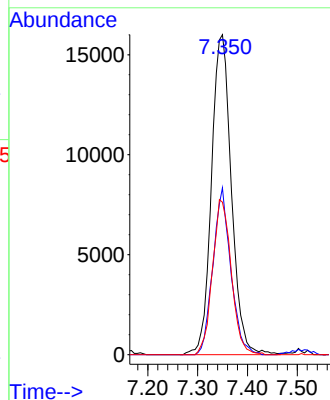
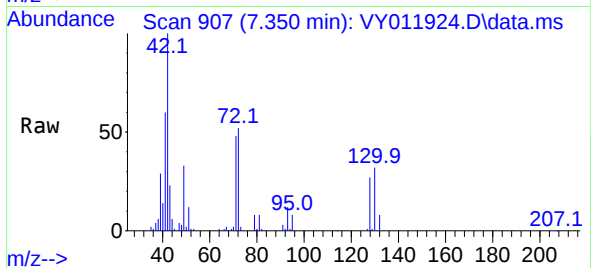




#29
Tetrahydrofuran
Concen: 104.291 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

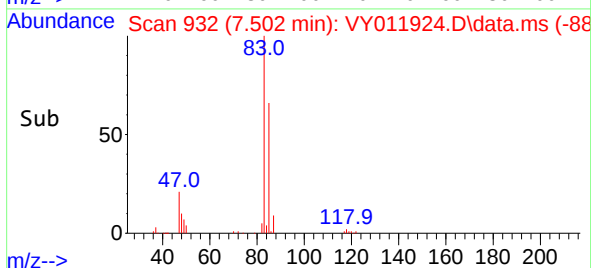
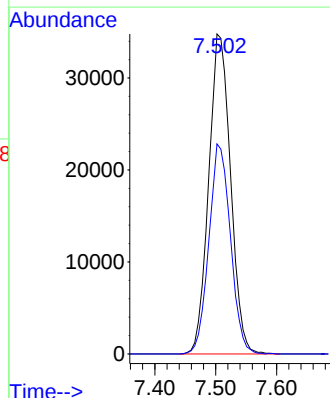
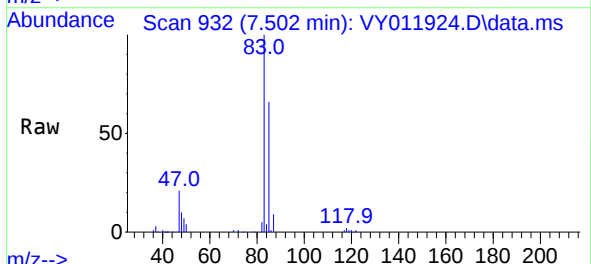
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

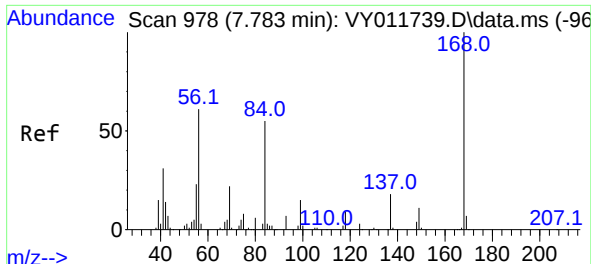
Tgt Ion: 42 Resp: 44453
Ion Ratio Lower Upper
42 100
72 46.7 37.0 55.6
71 45.6 34.9 52.3



#30
Chloroform
Concen: 20.117 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 83 Resp: 86697
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3

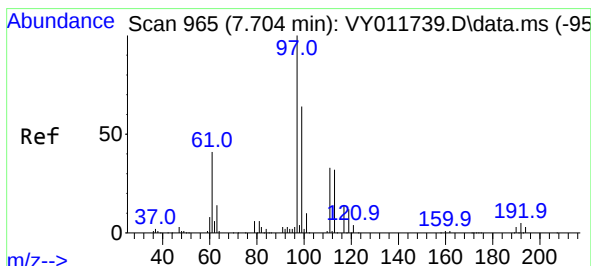
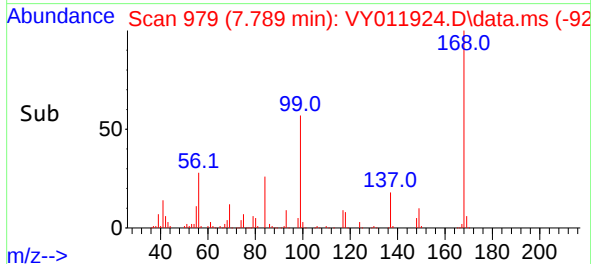
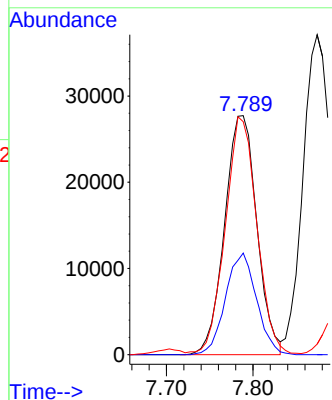
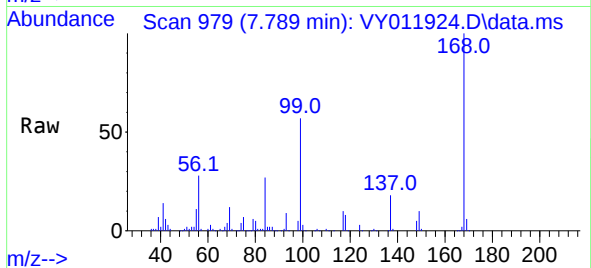




#31
Cyclohexane
Concen: 18.872 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

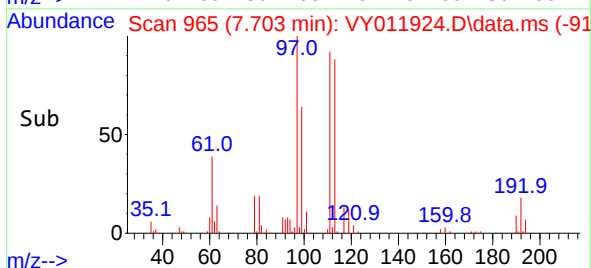
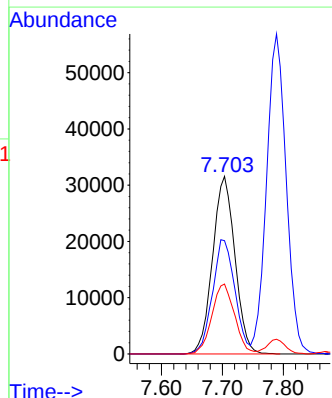
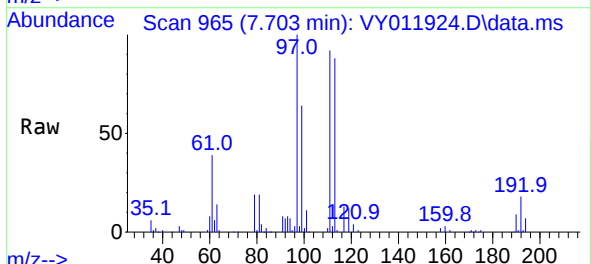
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

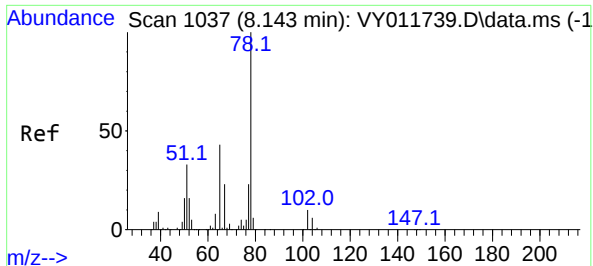
Tgt Ion: 56 Resp: 71752
Ion Ratio Lower Upper
56 100
69 42.5 29.2 43.8
84 95.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 19.626 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 97 Resp: 80450
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 40.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.225 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

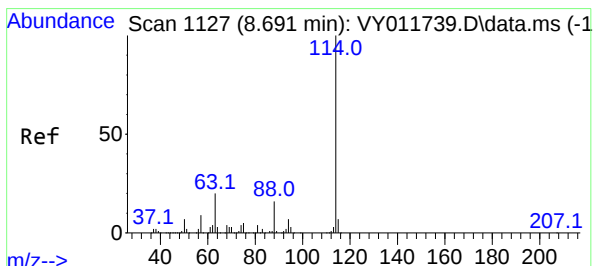
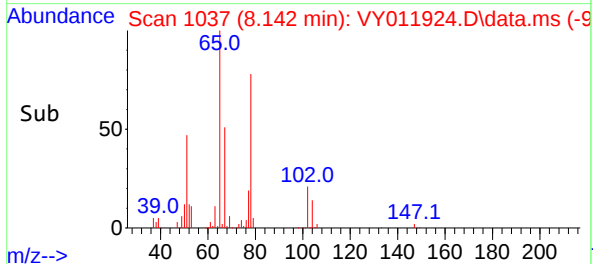
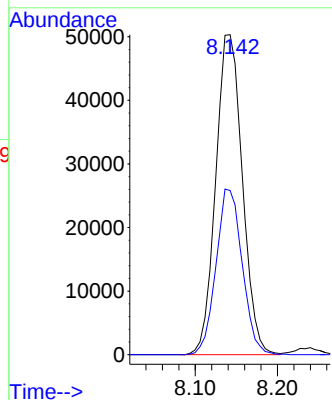
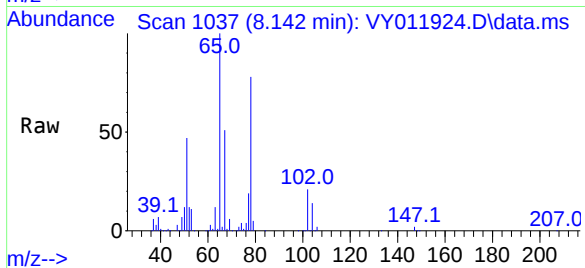
VY1220SBS01

Tgt Ion: 65 Resp: 113432

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

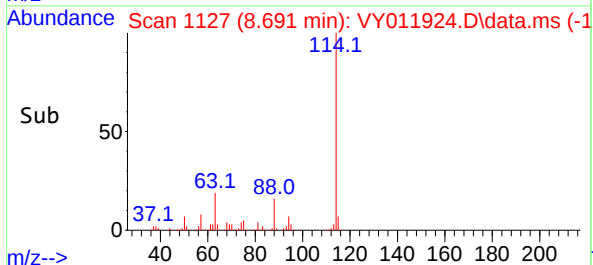
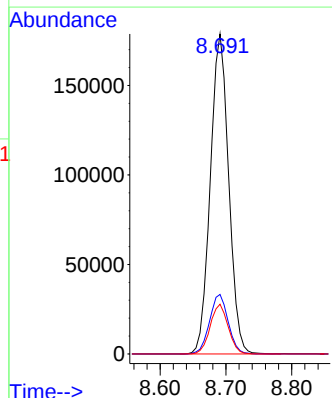
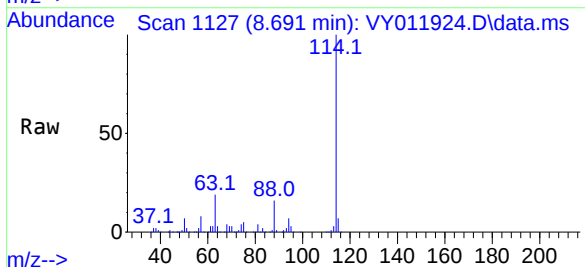
Tgt Ion: 114 Resp: 347291

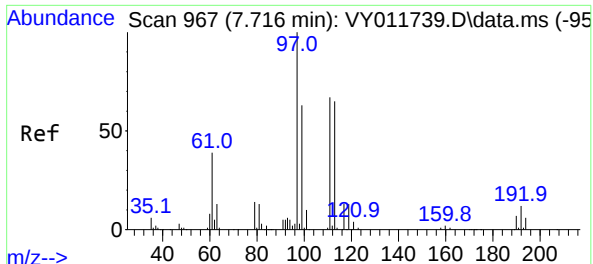
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.937 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

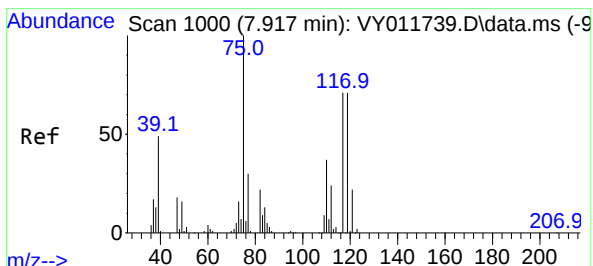
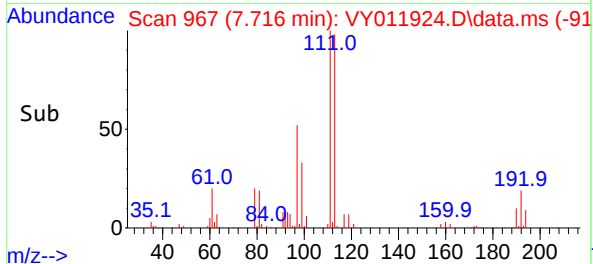
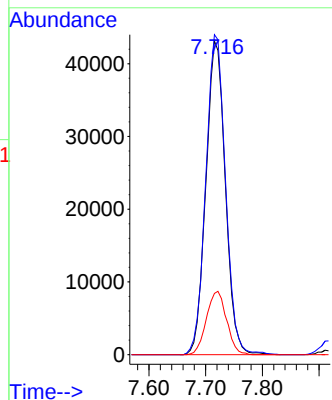
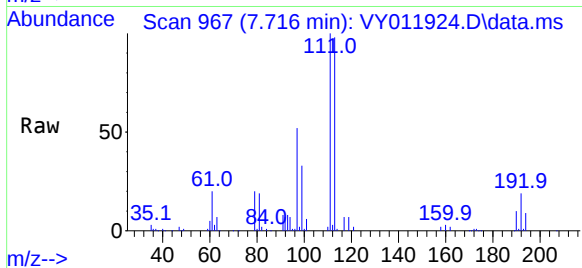
Tgt Ion:113 Resp: 102317

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 21.0 16.0 24.0



#36

1,1-Dichloropropene

Concen: 19.136 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

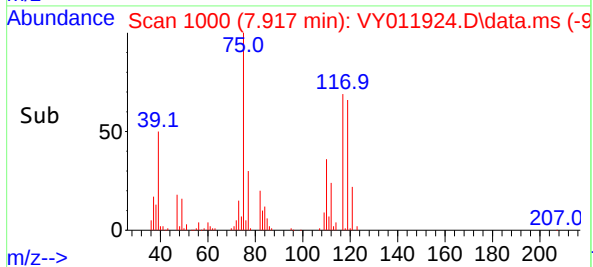
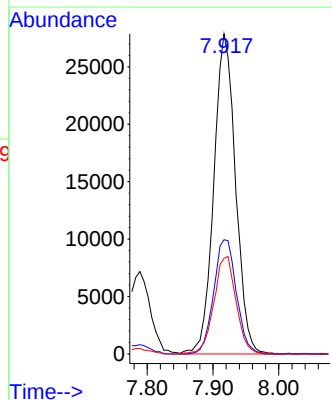
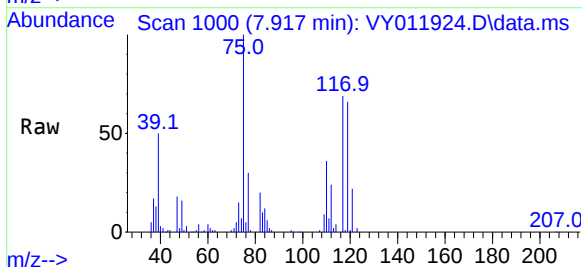
Tgt Ion: 75 Resp: 64177

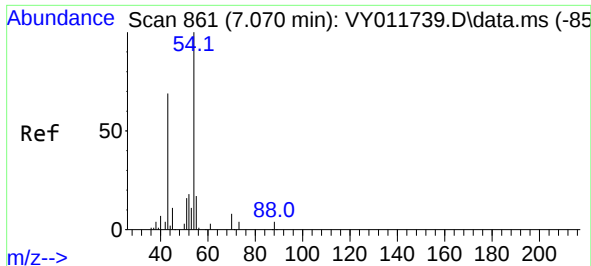
Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.1

77 31.1 25.1 37.7

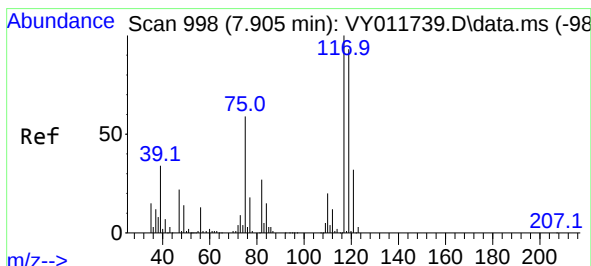
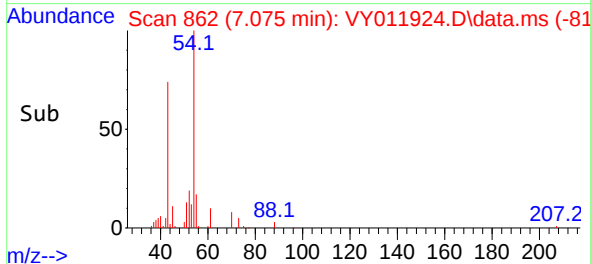
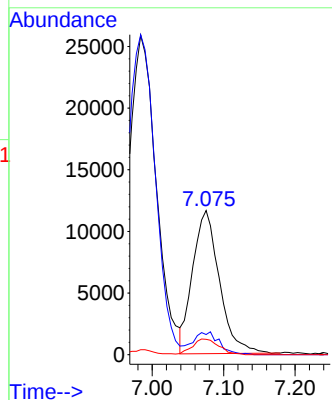
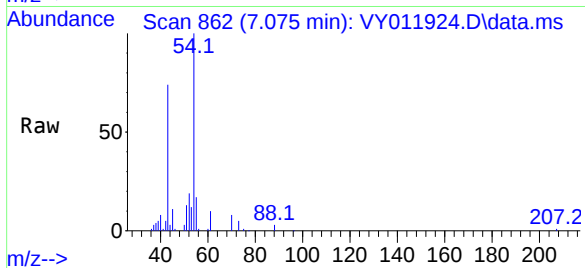




#37
Ethyl Acetate
Concen: 20.055 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.005 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

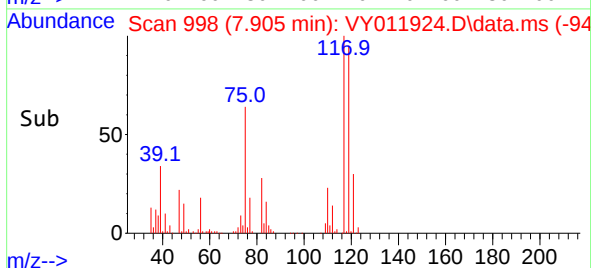
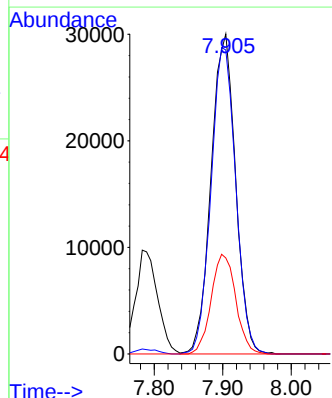
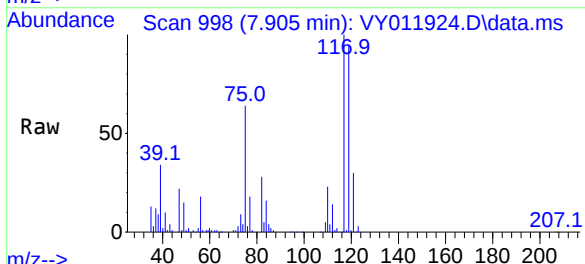
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

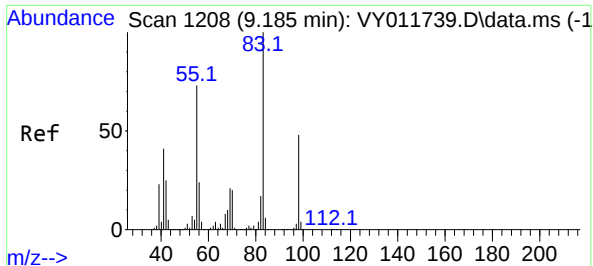
Tgt Ion: 43 Resp: 30175
Ion Ratio Lower Upper
43 100
61 15.2 11.3 16.9
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 19.193 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 117 Resp: 74341
Ion Ratio Lower Upper
117 100
119 95.0 73.8 110.8
121 30.0 25.2 37.8





#39

Methylcyclohexane

Concen: 19.337 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

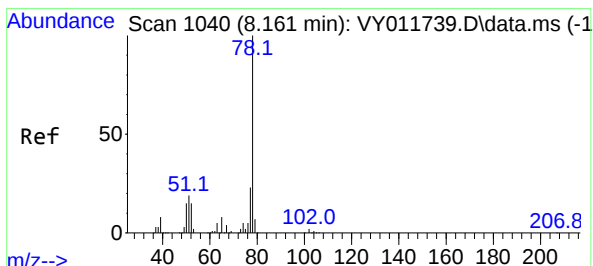
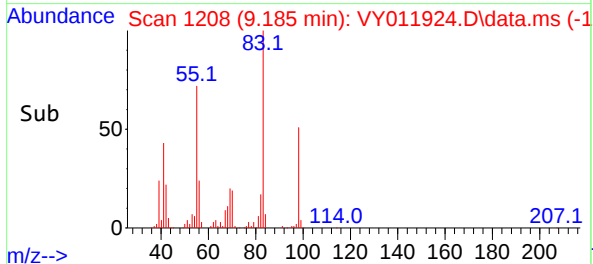
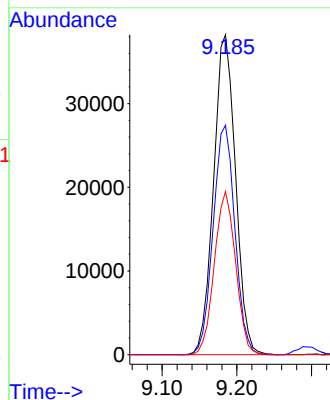
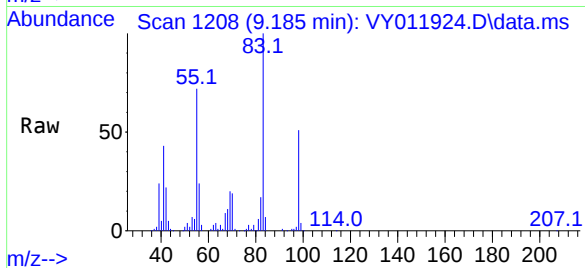
Tgt Ion: 83 Resp: 78033

Ion Ratio Lower Upper

83 100

55 71.7 58.2 87.2

98 51.0 38.6 58.0



#40

Benzene

Concen: 19.457 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011924.D

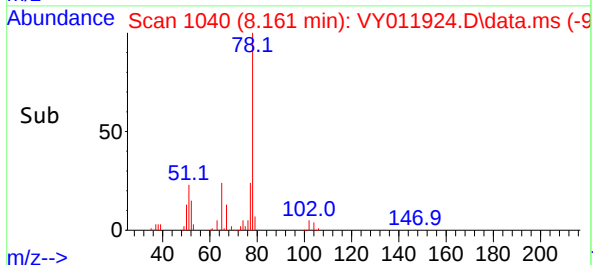
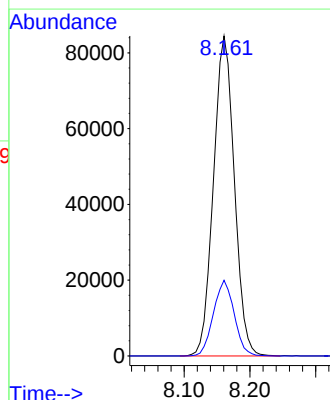
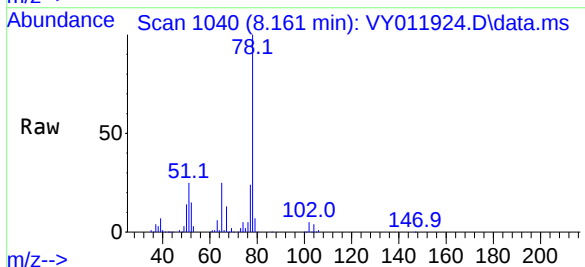
Acq: 20 Dec 2022 15:59

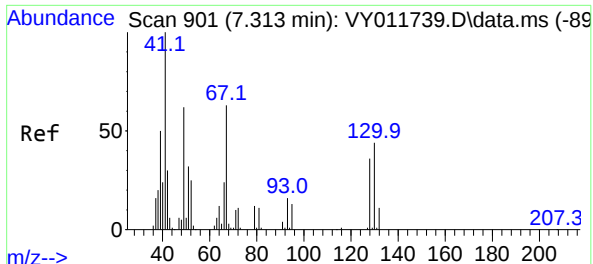
Tgt Ion: 78 Resp: 186738

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

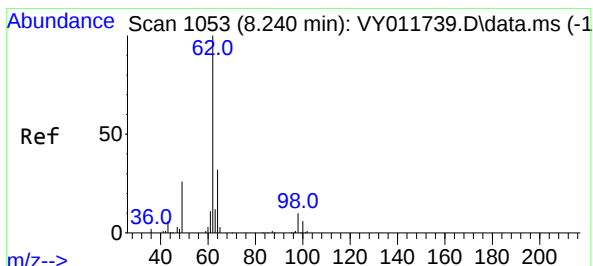
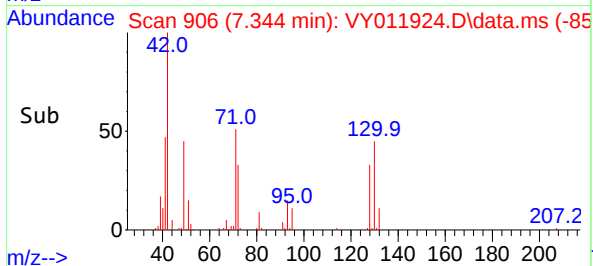
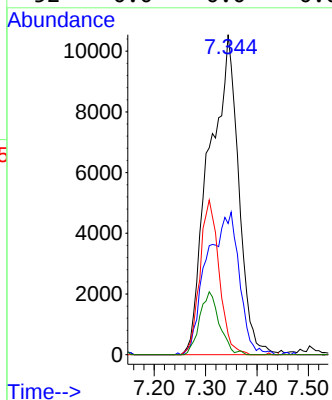
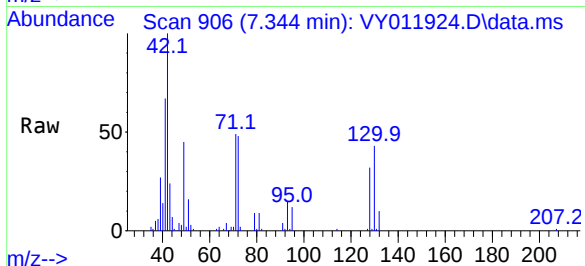




#41
Methacrylonitrile
Concen: 57.470 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

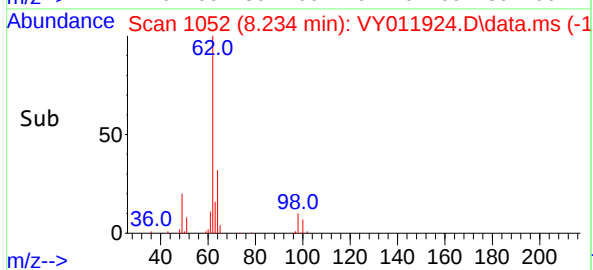
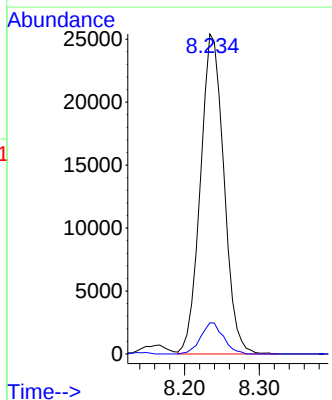
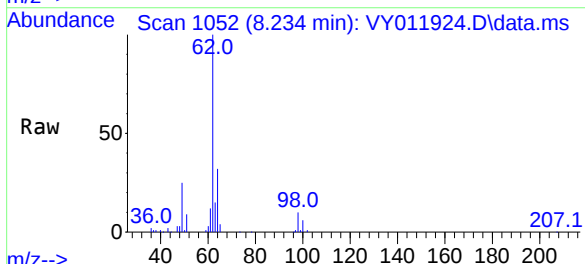
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

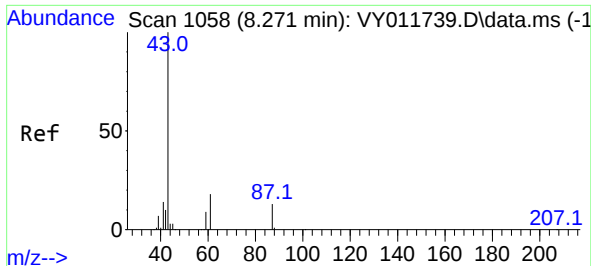
Tgt Ion:	41	Resp:	41815
Ion	Ratio	Lower	Upper
41	100		
39	49.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.076 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:	62	Resp:	55468
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6

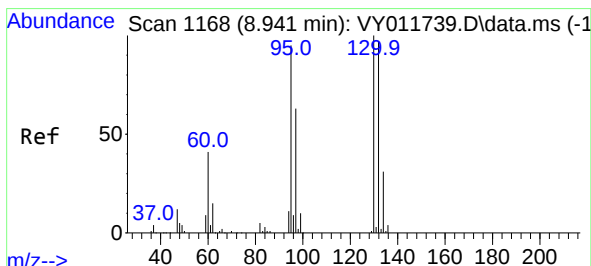
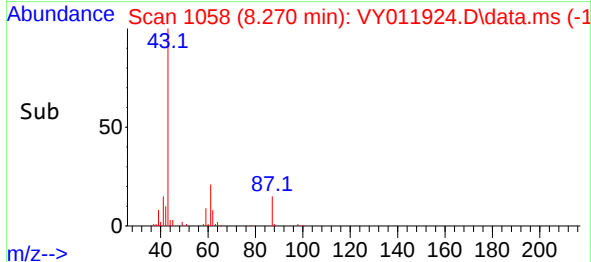
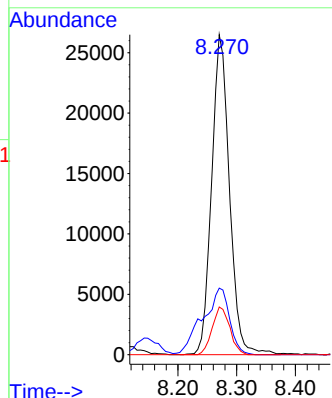
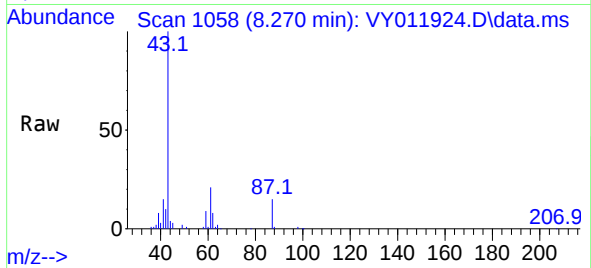




#43
Isopropyl Acetate
Concen: 20.317 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

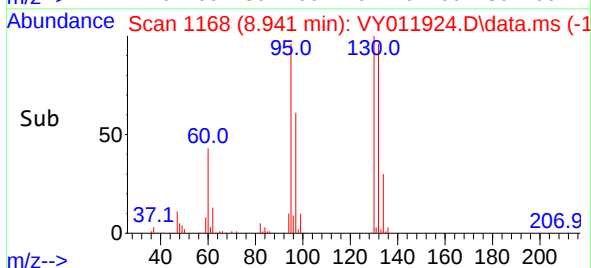
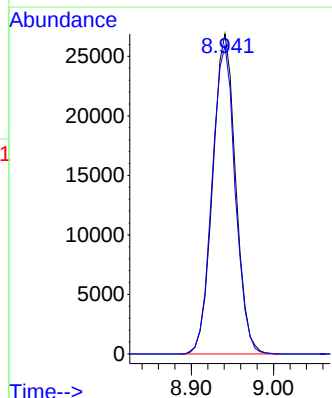
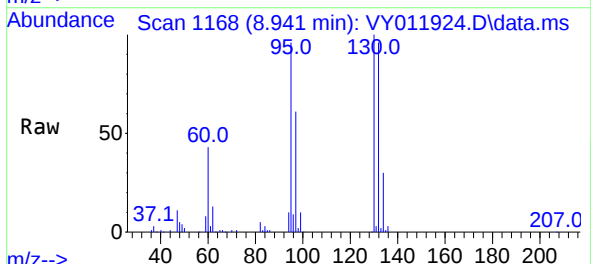
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

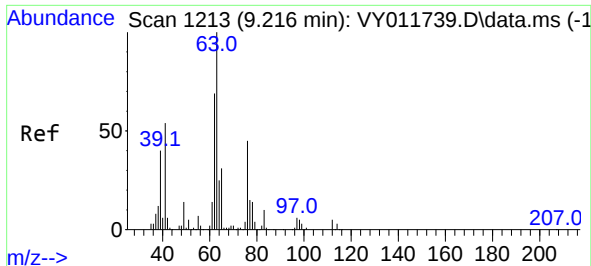
Tgt Ion: 43 Resp: 55830
Ion Ratio Lower Upper
43 100
61 31.4 24.4 36.6
87 14.7 11.4 17.2



#44
Trichloroethene
Concen: 19.172 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 130 Resp: 51864
Ion Ratio Lower Upper
130 100
95 96.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 19.858 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

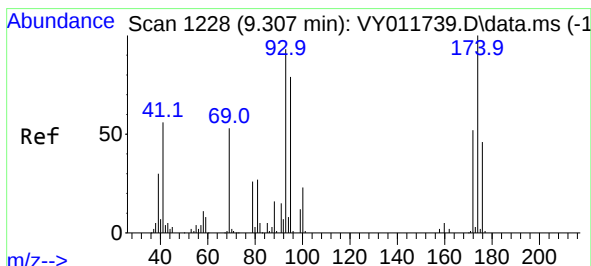
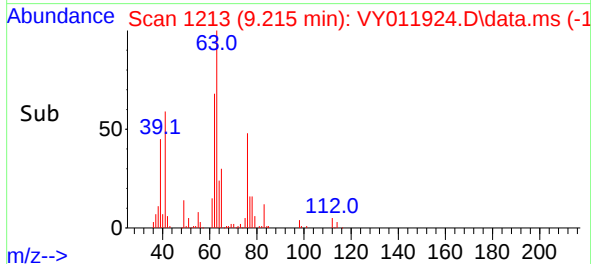
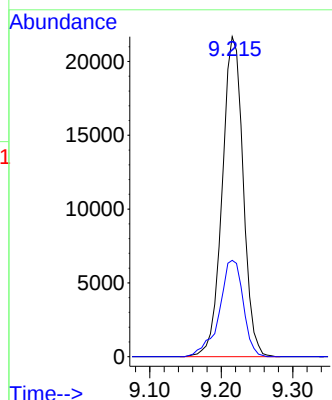
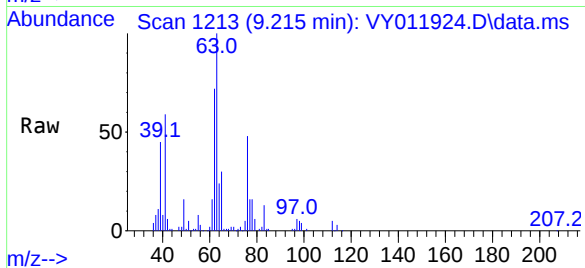
VY1220SBS01

Tgt Ion: 63 Resp: 44035

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3



#46

Dibromomethane

Concen: 19.997 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

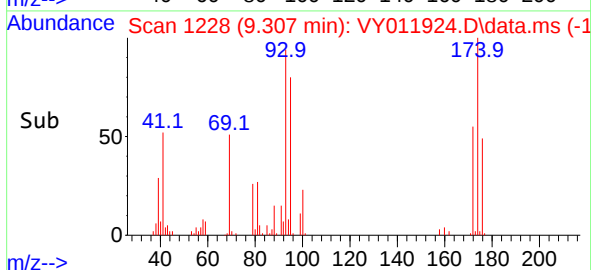
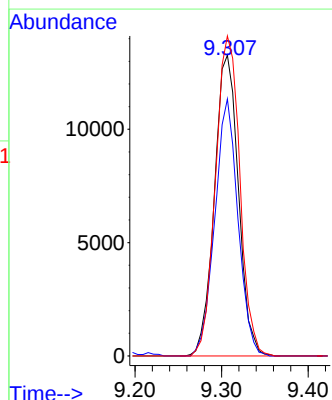
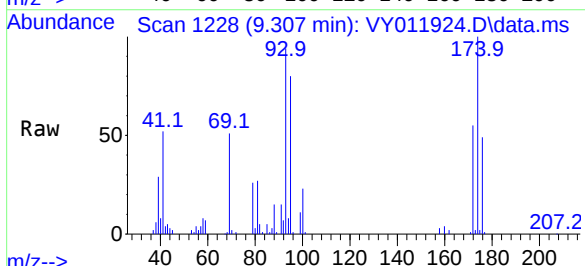
Tgt Ion: 93 Resp: 25543

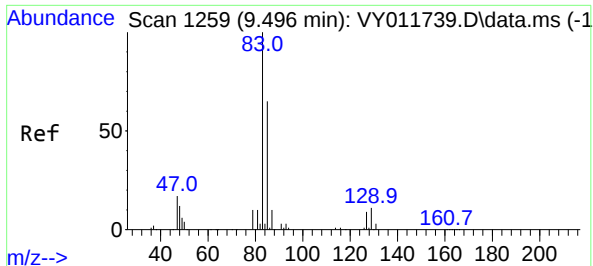
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

174 107.9 84.7 127.1

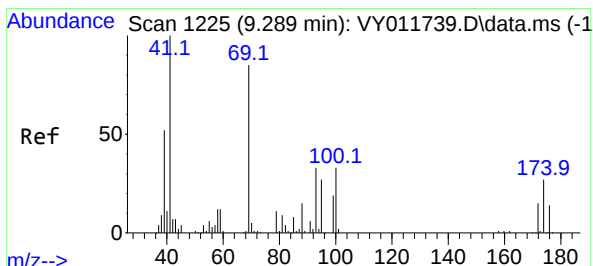
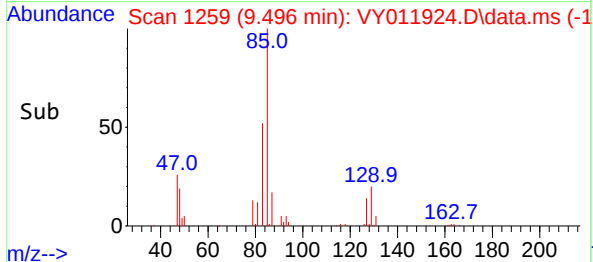
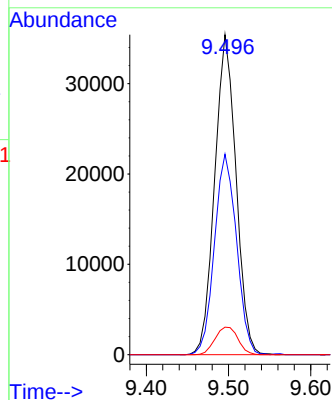
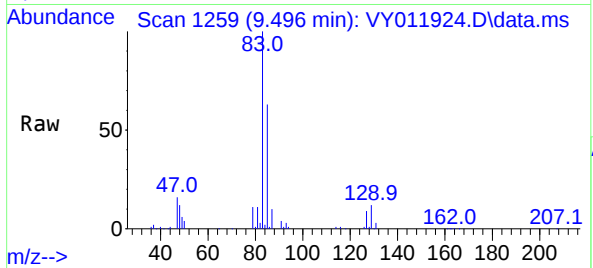




#47
Bromodichloromethane
Concen: 19.698 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

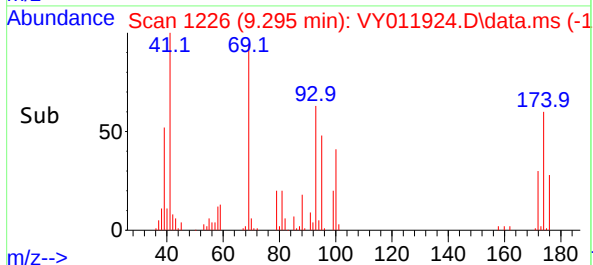
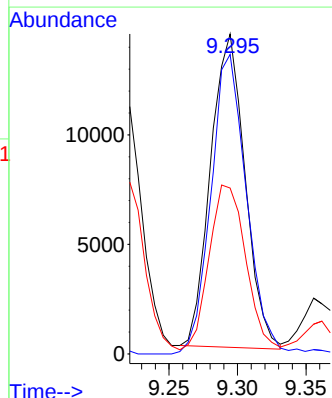
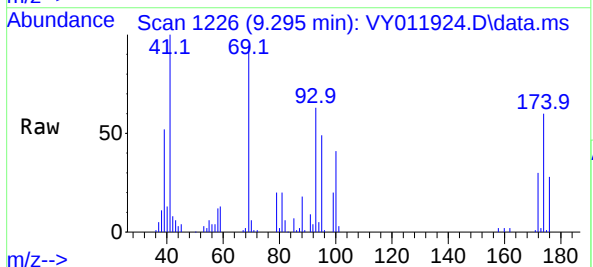
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

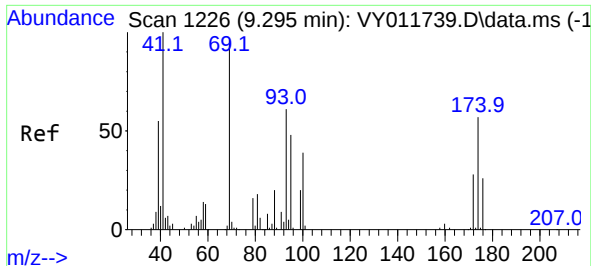
Tgt Ion: 83 Resp: 63834
Ion Ratio Lower Upper
83 100
85 62.7 52.0 78.0
127 8.6 7.3 10.9



#48
Methyl methacrylate
Concen: 19.626 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 41 Resp: 24971
Ion Ratio Lower Upper
41 100
69 99.5 74.2 111.2
39 56.4 46.3 69.5

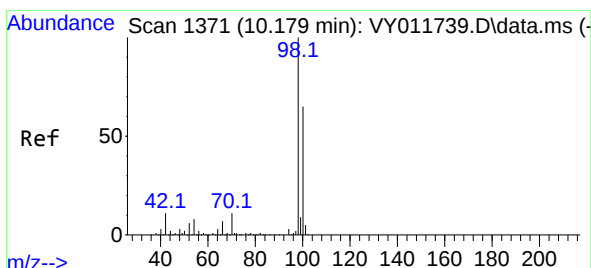
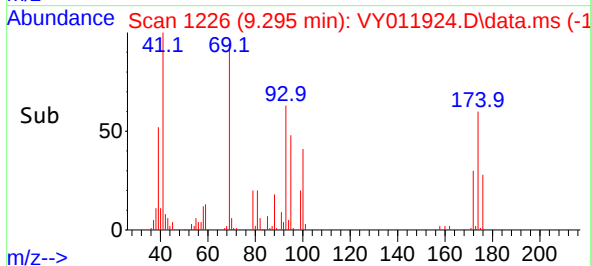
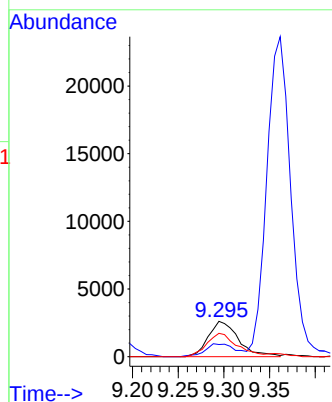
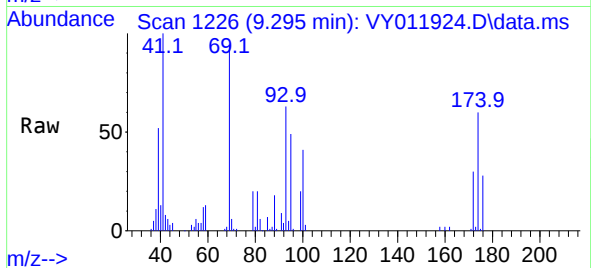




#49
1,4-Dioxane
Concen: 394.609 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

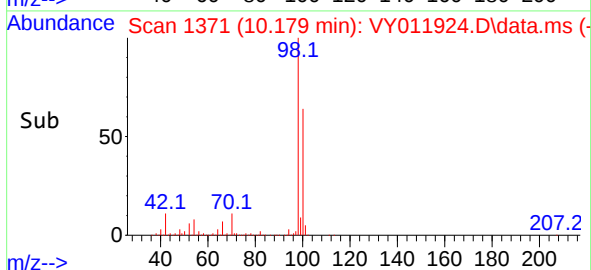
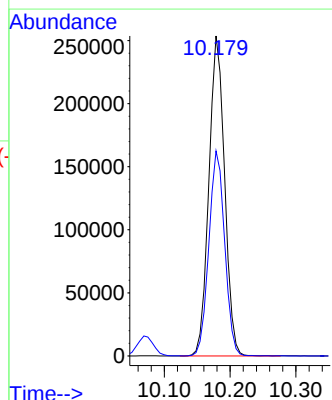
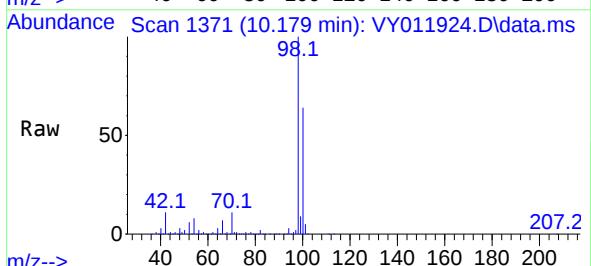
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

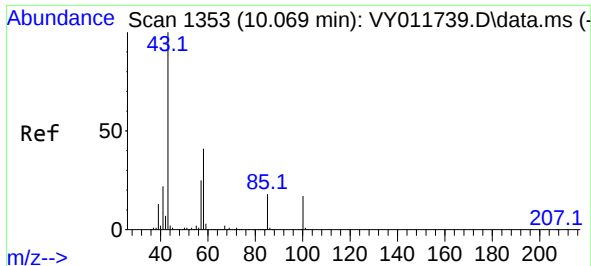
Tgt Ion: 88 Resp: 6018
Ion Ratio Lower Upper
88 100
43 37.2 26.2 39.2
58 65.7 54.3 81.5



#50
Toluene-d8
Concen: 49.752 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 98 Resp: 422035
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

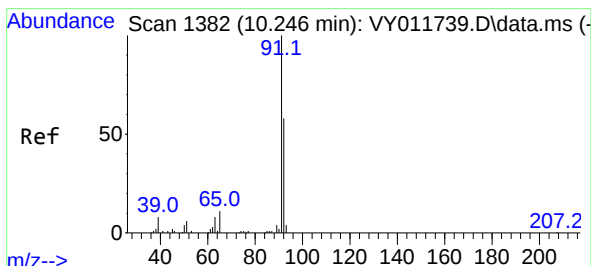
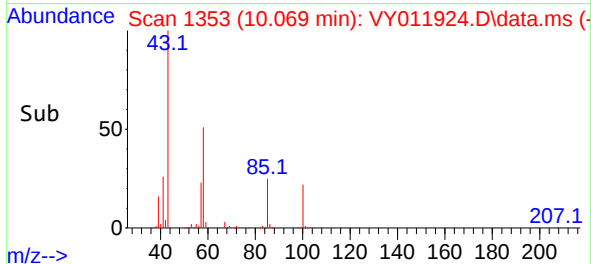
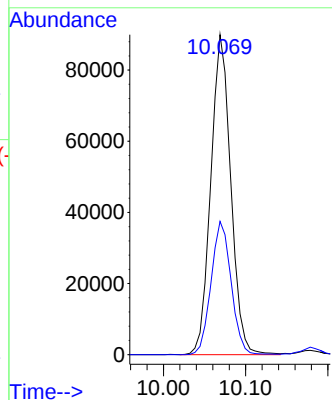
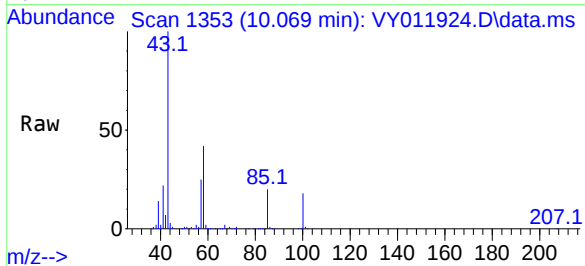




#51
4-Methyl-2-Pentanone
Concen: 103.676 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

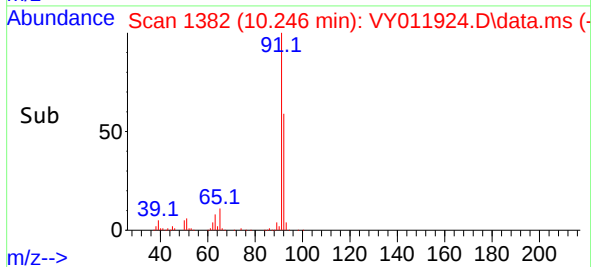
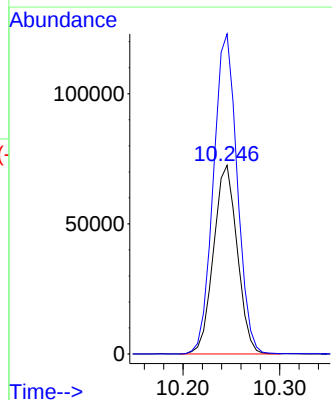
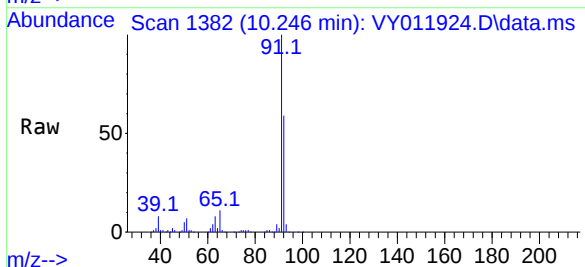
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

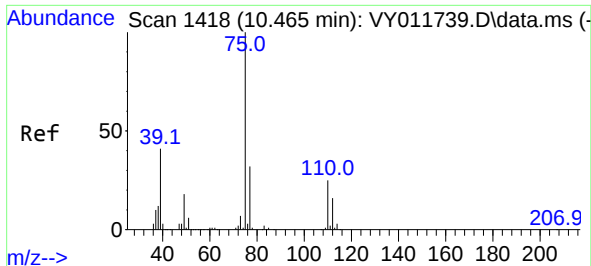
Tgt Ion: 43 Resp: 151916
Ion Ratio Lower Upper
43 100
58 41.9 32.9 49.3



#52
Toluene
Concen: 20.128 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 92 Resp: 123078
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0

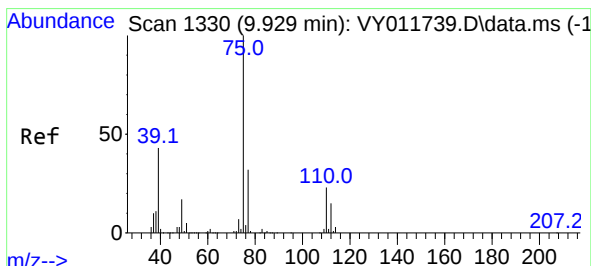
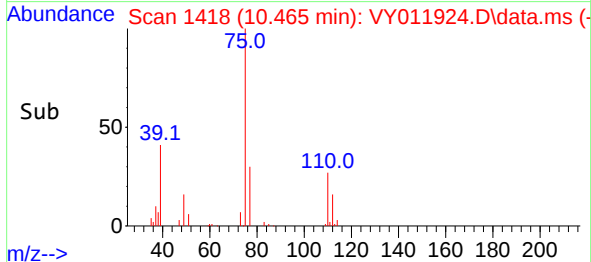
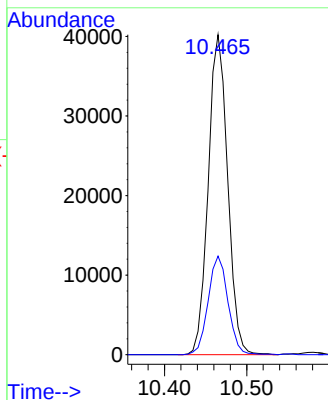
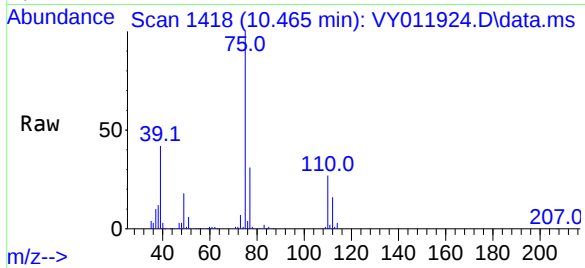




#53
 t-1,3-Dichloropropene
 Concen: 20.160 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

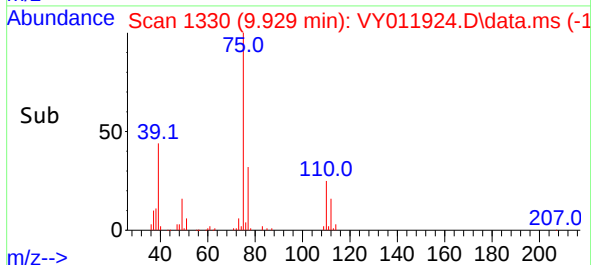
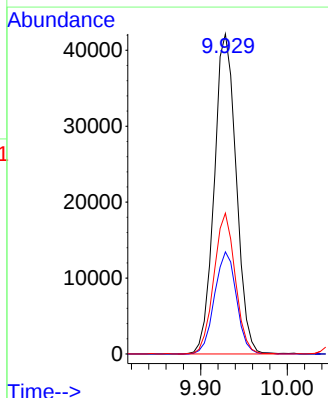
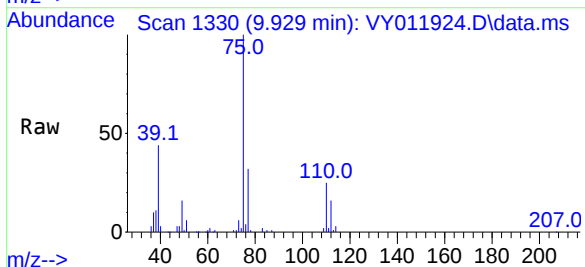
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

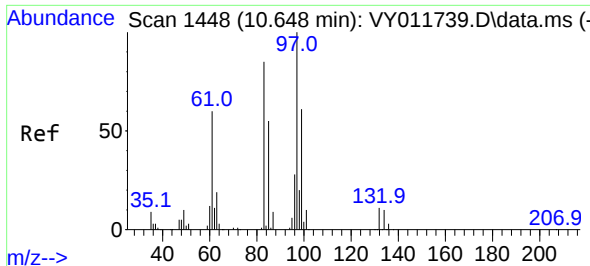
Tgt Ion: 75 Resp: 66012
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.144 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

Tgt Ion: 75 Resp: 74143
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.9 38.9
 39 44.0 34.6 52.0



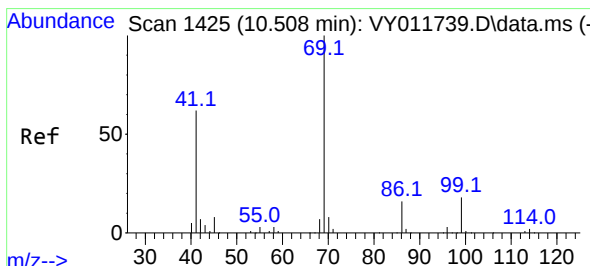
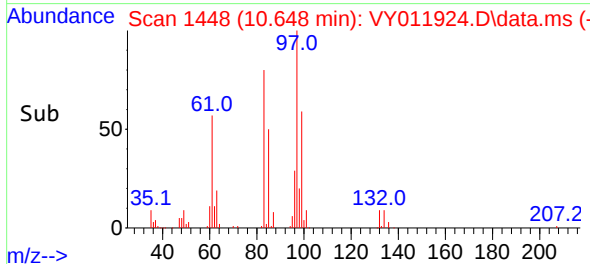
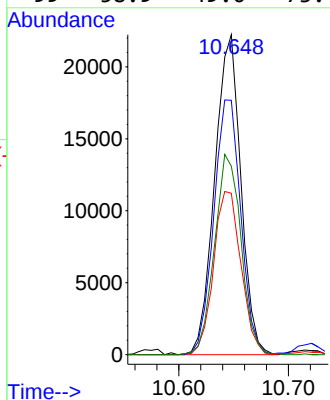
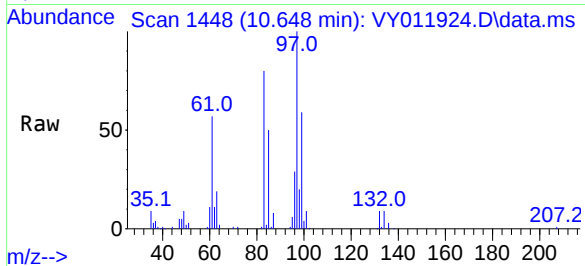


#55
1,1,2-Trichloroethane
Concen: 20.316 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

Tgt Ion: 97 Resp: 36825

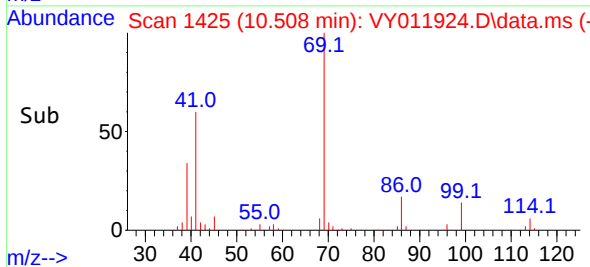
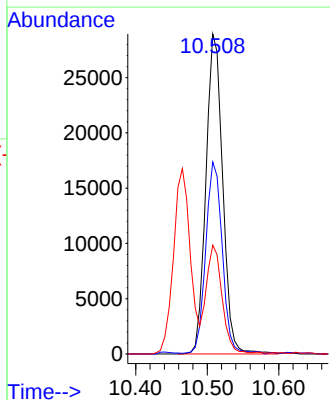
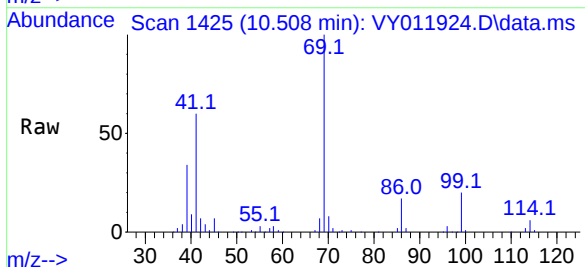
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.7	101.5
85	50.4	43.8	65.8
99	58.9	49.0	73.4

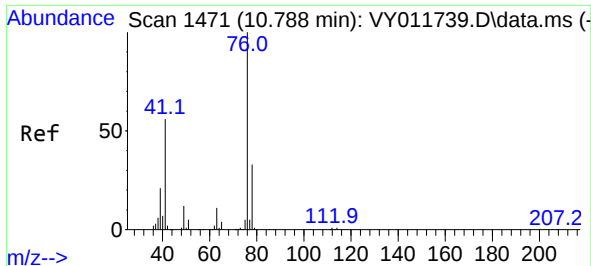


#56
Ethyl methacrylate
Concen: 20.559 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 69 Resp: 47182

Ion	Ratio	Lower	Upper
69	100		
41	59.5	48.9	73.3
39	31.3	25.9	38.9





#57

1,3-Dichloropropane

Concen: 20.332 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

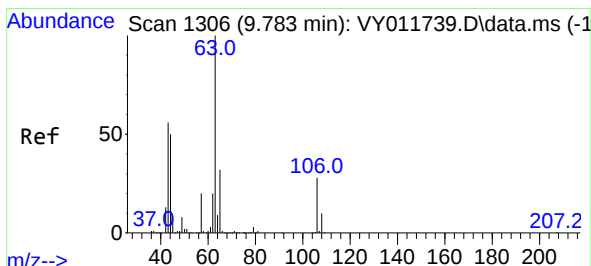
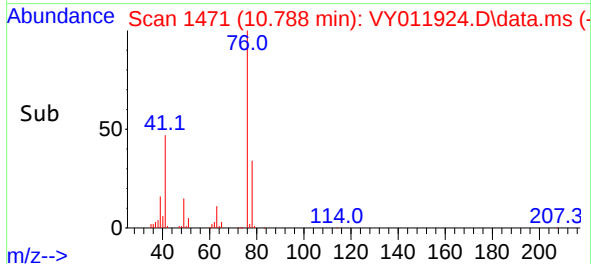
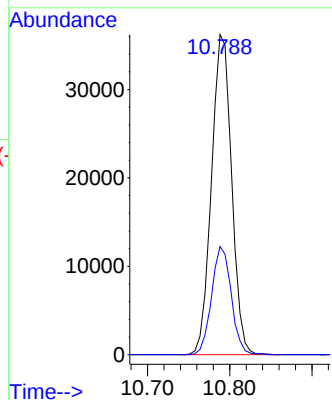
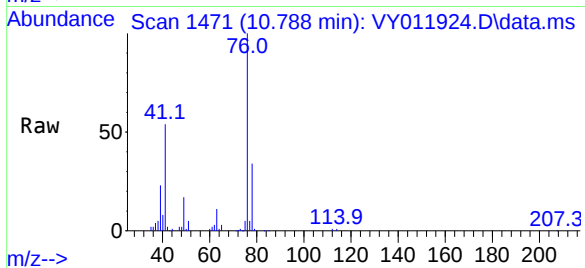
VY1220SBS01

Tgt Ion: 76 Resp: 61502

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.247 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011924.D

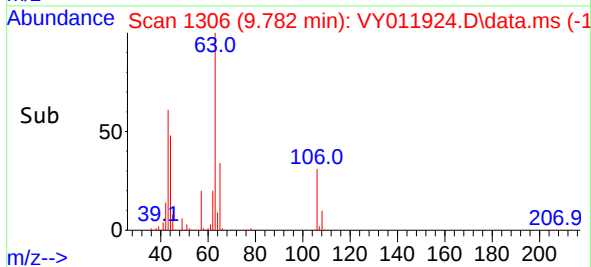
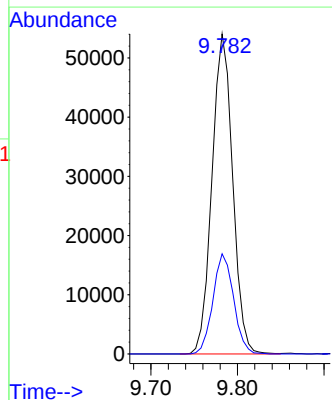
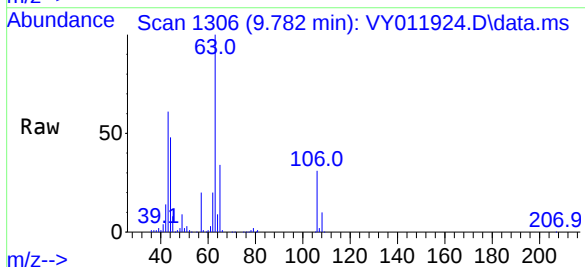
Acq: 20 Dec 2022 15:59

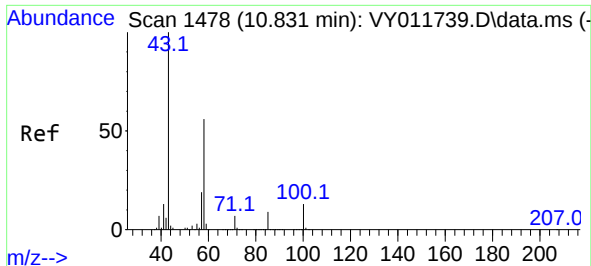
Tgt Ion: 63 Resp: 89662

Ion Ratio Lower Upper

63 100

106 31.3 23.2 34.8

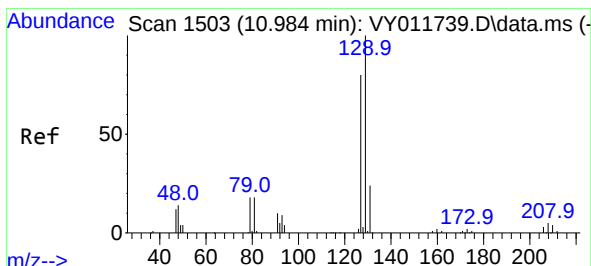
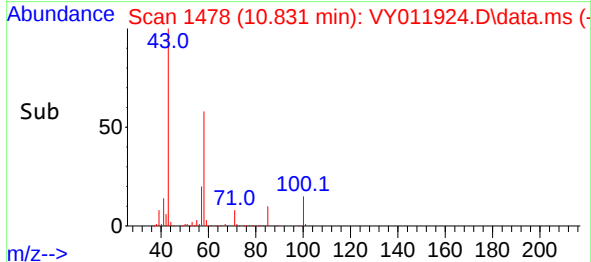
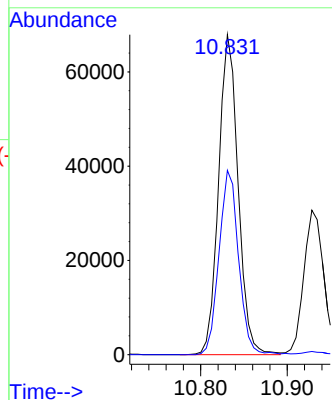
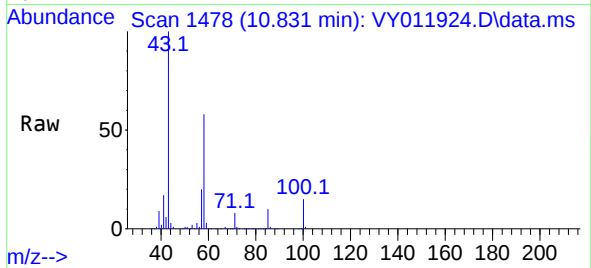




#59
2-Hexanone
Concen: 98.581 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

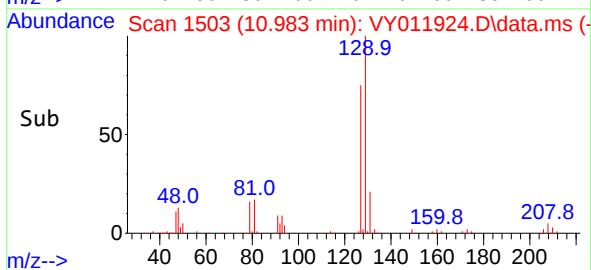
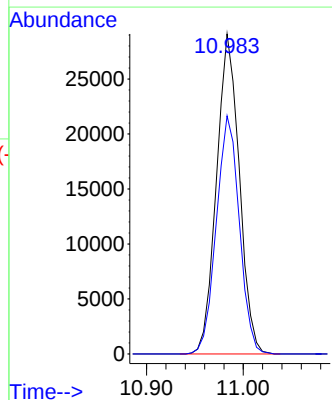
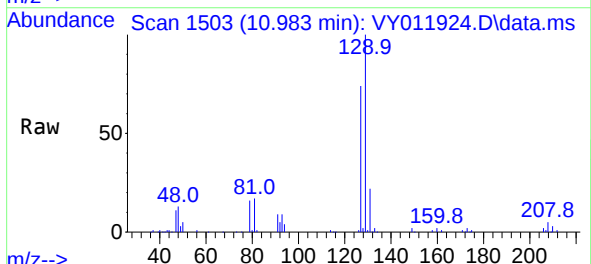
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

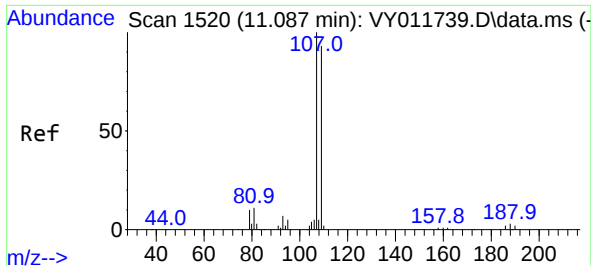
Tgt Ion: 43 Resp: 106269
Ion Ratio Lower Upper
43 100
58 57.9 28.4 85.2



#60
Dibromochloromethane
Concen: 20.829 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 129 Resp: 47562
Ion Ratio Lower Upper
129 100
127 75.0 38.9 116.6

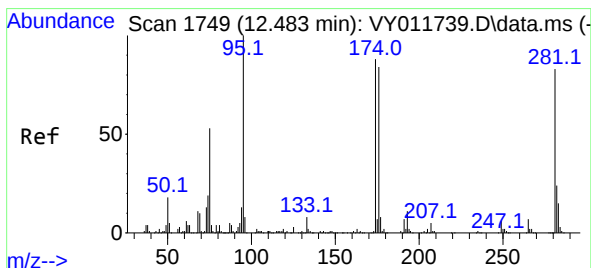
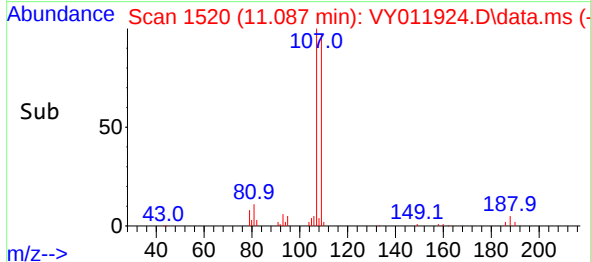
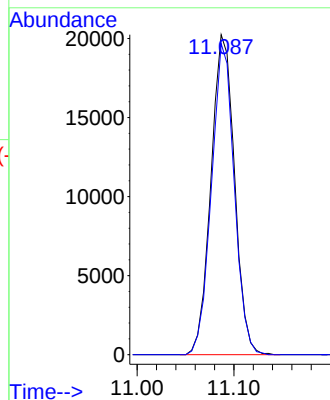
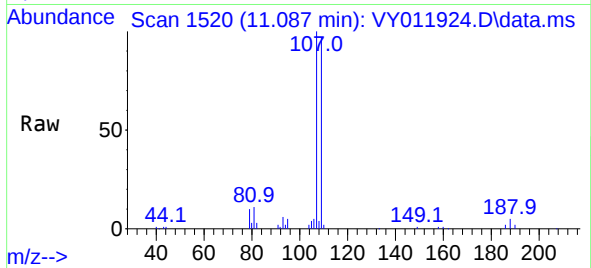




#61
1,2-Dibromoethane
Concen: 20.127 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

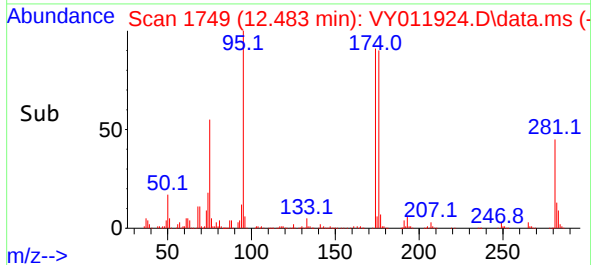
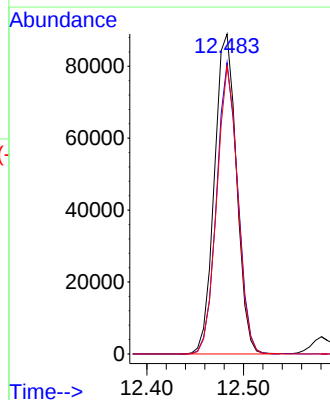
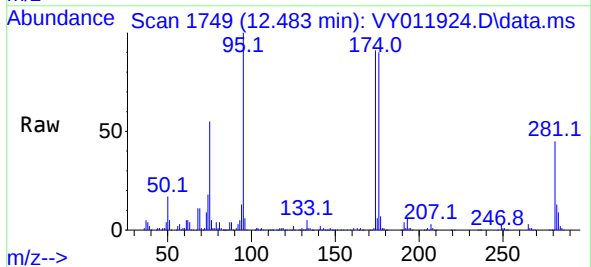
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

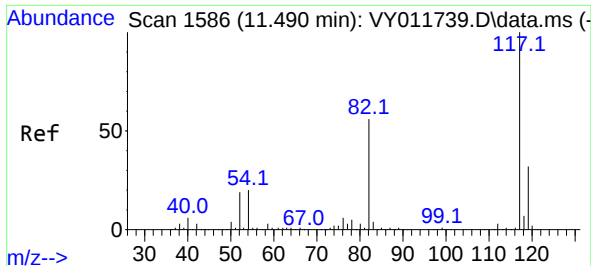
Tgt Ion:107 Resp: 34132
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 49.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 95 Resp: 141096
Ion Ratio Lower Upper
95 100
174 86.9 0.0 172.0
176 85.3 0.0 167.6

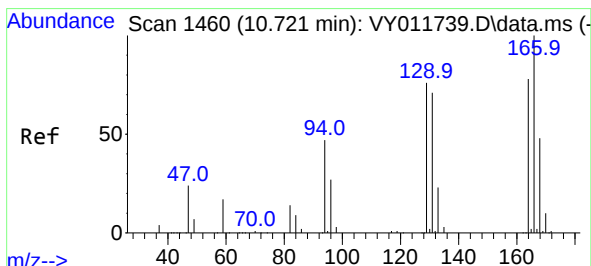
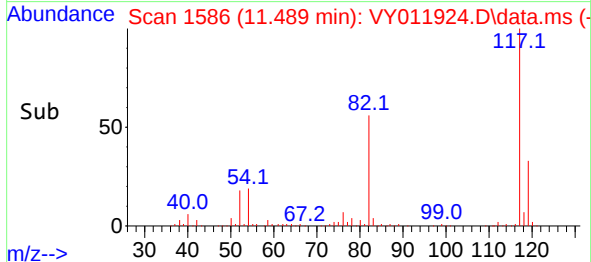
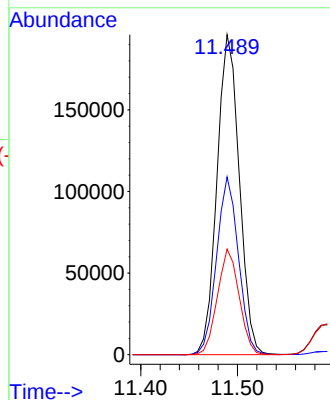
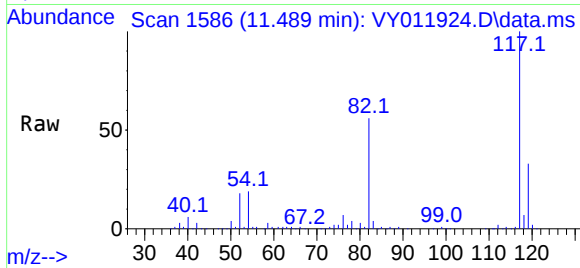




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

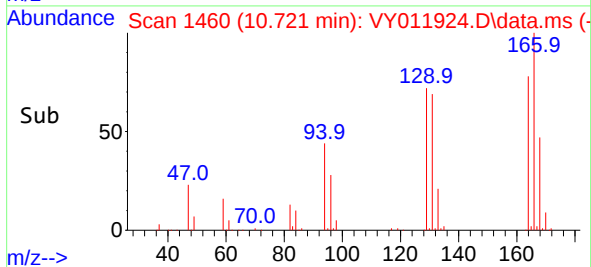
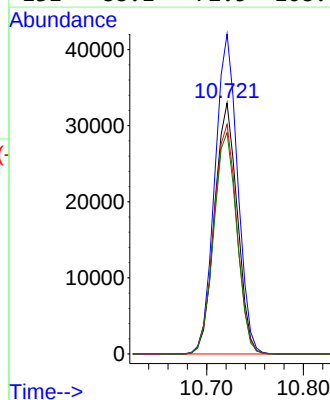
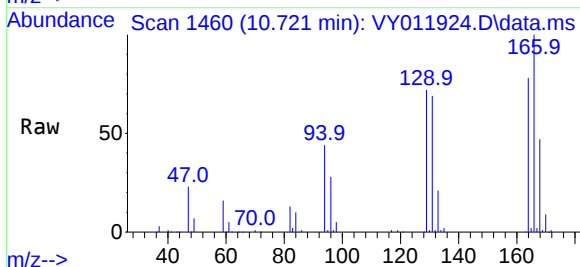
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

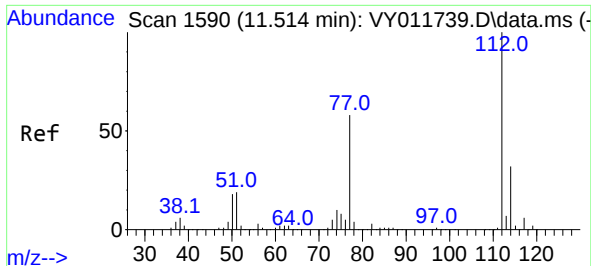
Tgt Ion:117 Resp: 313905
Ion Ratio Lower Upper
117 100
82 55.6 44.8 67.2
119 33.0 25.4 38.2



#64
Tetrachloroethene
Concen: 19.595 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:164 Resp: 53839
Ion Ratio Lower Upper
164 100
166 127.5 102.3 153.5
129 91.4 77.2 115.8
131 88.1 72.5 108.7

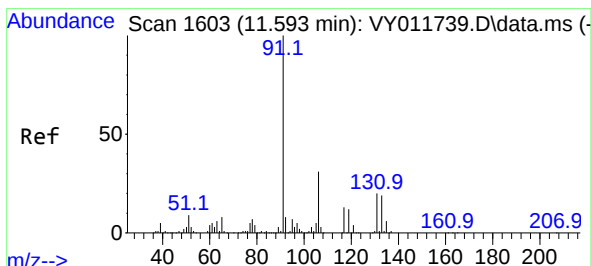
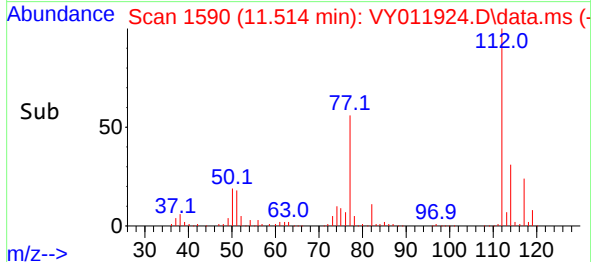
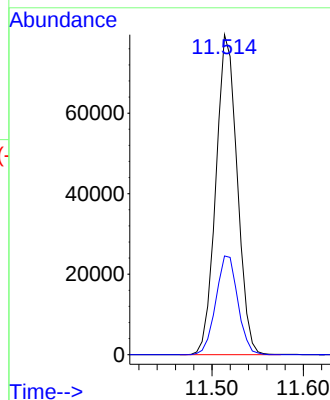
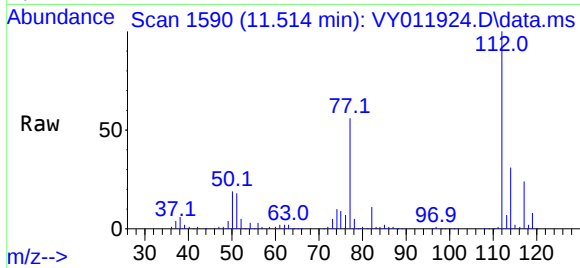




#65
Chlorobenzene
Concen: 19.762 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

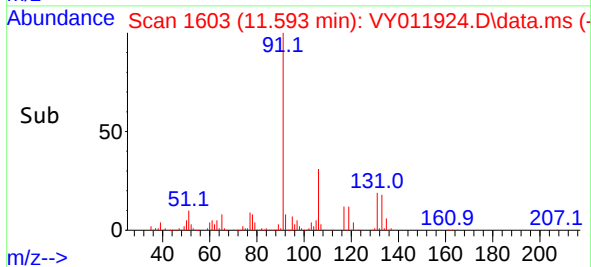
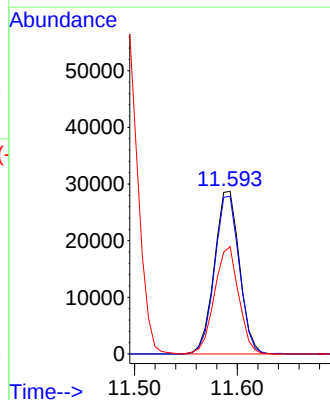
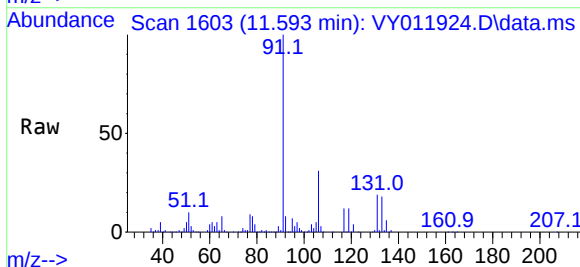
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

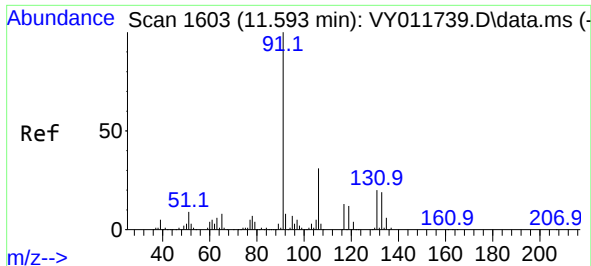
Tgt Ion:112 Resp: 128805
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.065 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:131 Resp: 48659
Ion Ratio Lower Upper
131 100
133 95.8 47.3 142.0
119 63.9 32.1 96.3





#67

Ethyl Benzene

Concen: 19.868 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

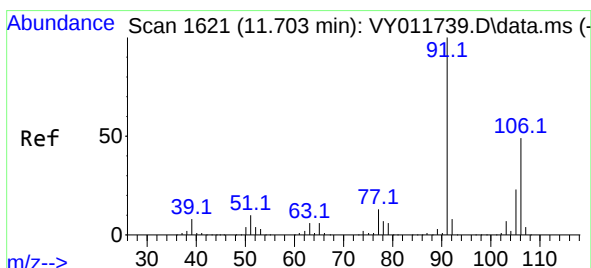
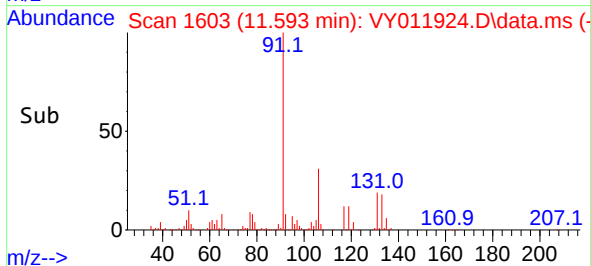
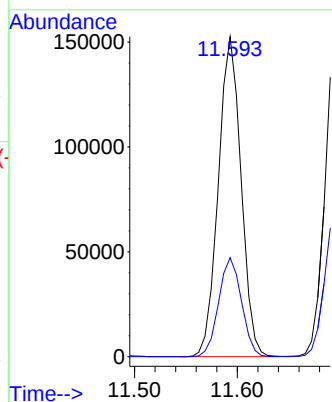
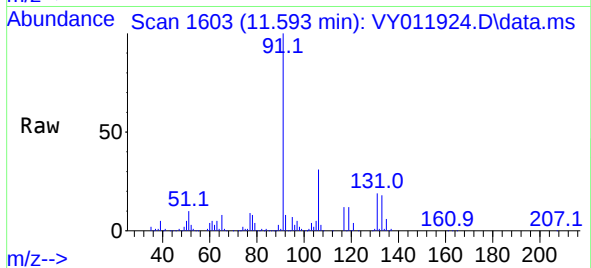
VY1220SBS01

Tgt Ion: 91 Resp: 234081

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 39.732 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011924.D

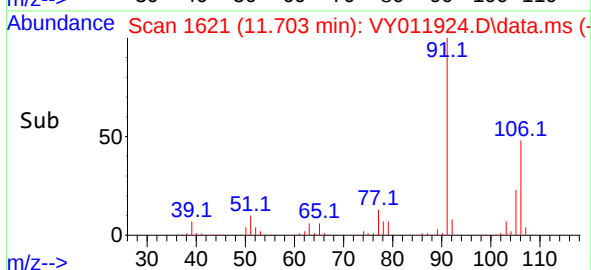
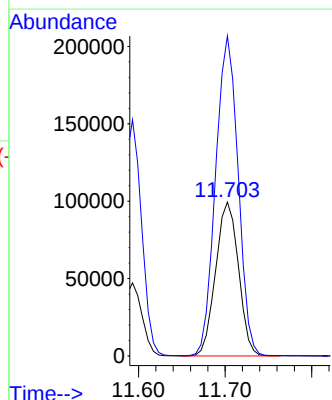
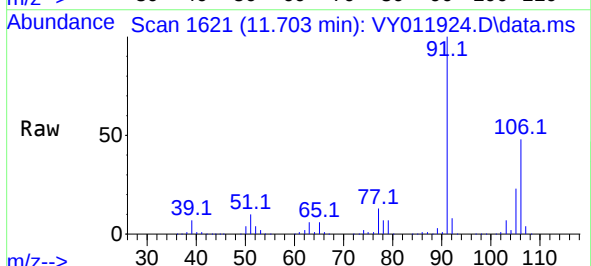
Acq: 20 Dec 2022 15:59

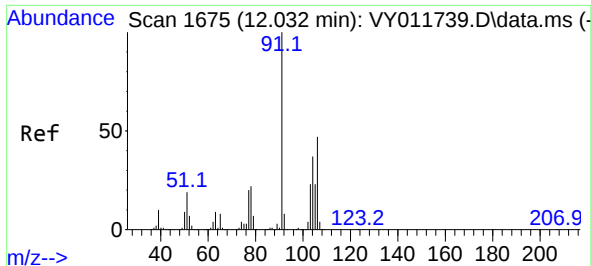
Tgt Ion: 106 Resp: 182047

Ion Ratio Lower Upper

106 100

91 205.2 162.5 243.7

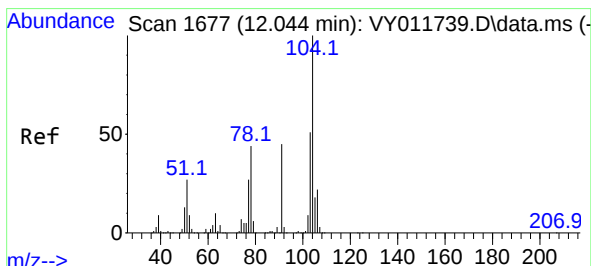
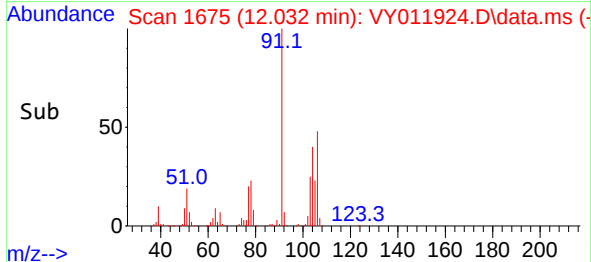
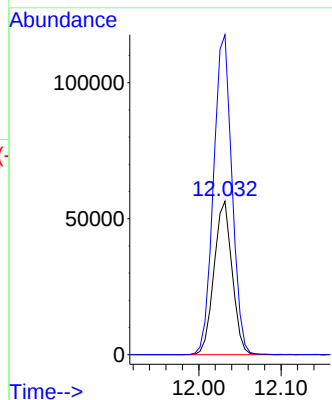
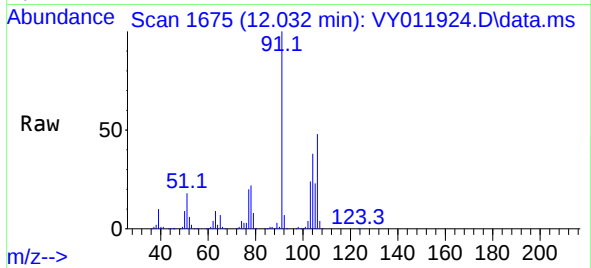




#69
o-Xylene
Concen: 20.274 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

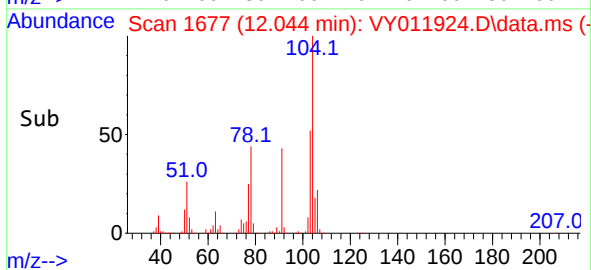
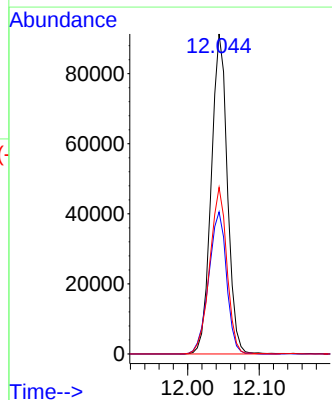
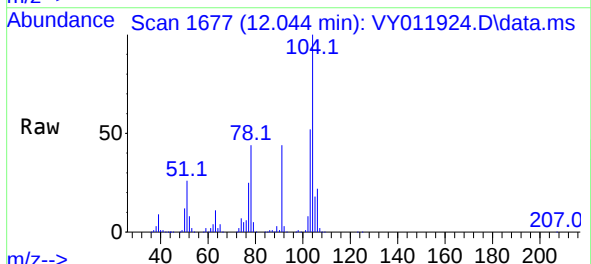
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

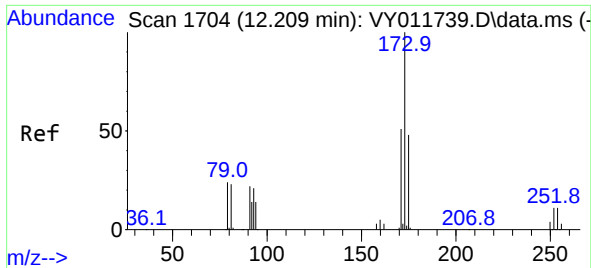
Tgt Ion:106 Resp: 86433
Ion Ratio Lower Upper
106 100
91 212.0 107.5 322.4



#70
Styrene
Concen: 20.039 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:104 Resp: 143446
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.0
103 55.3 43.0 64.4

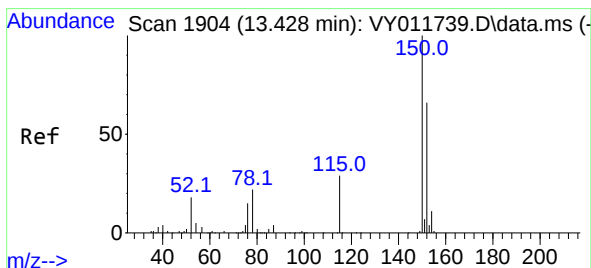
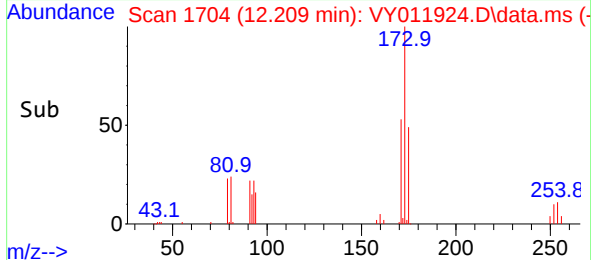
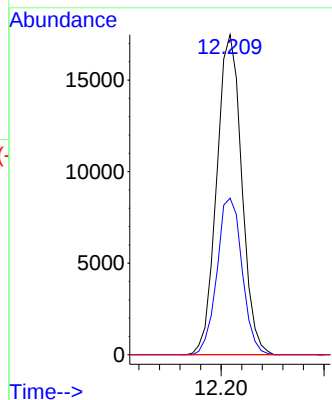
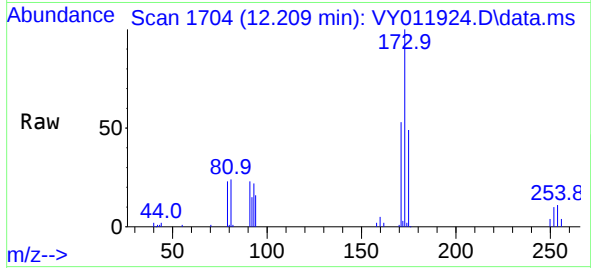




#71
Bromoform
Concen: 20.525 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

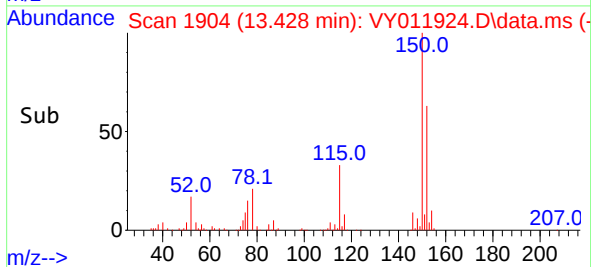
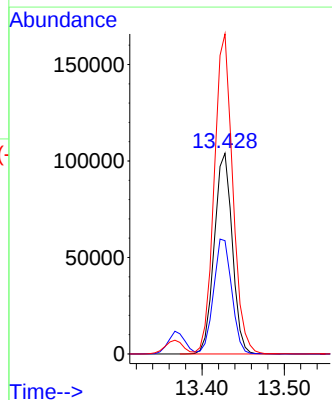
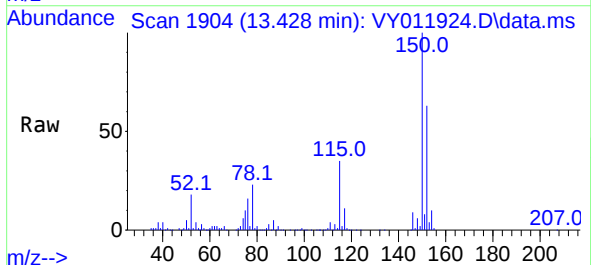
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

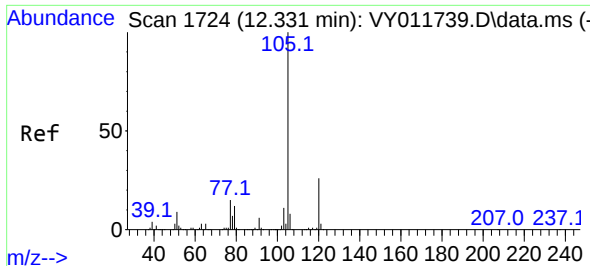
Tgt Ion:173 Resp: 29493
Ion Ratio Lower Upper
173 100
175 49.1 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:152 Resp: 158009
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 164.0 0.0 342.6

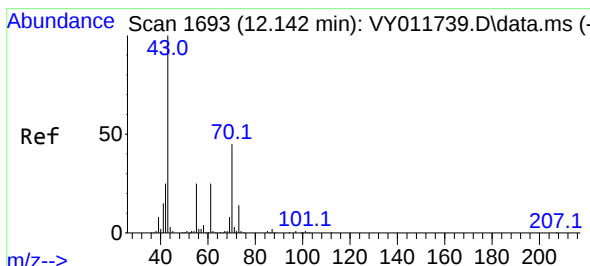
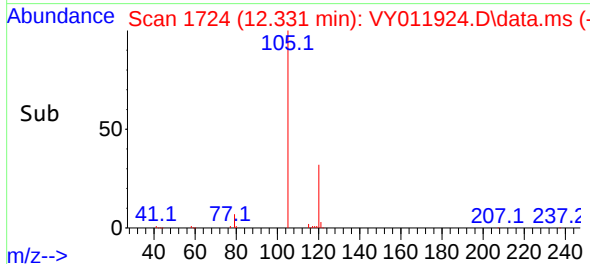
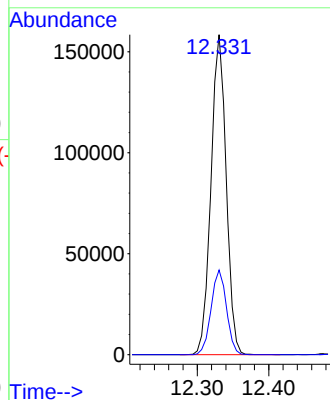
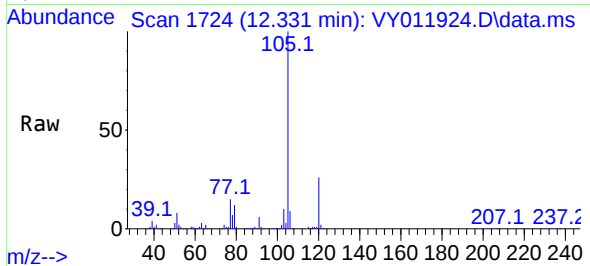




#73
Isopropylbenzene
Concen: 19.922 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

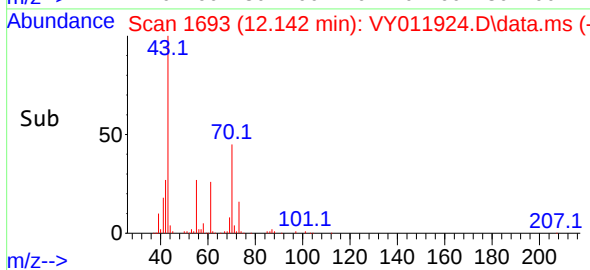
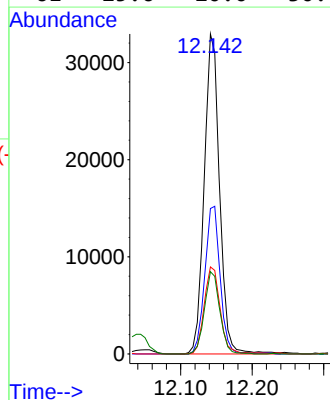
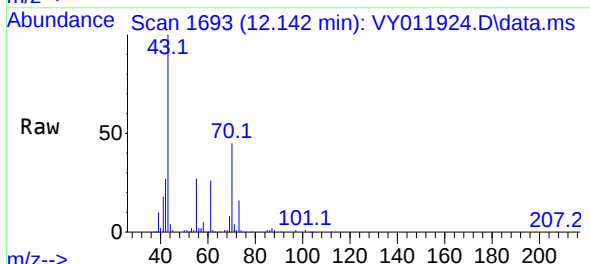
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

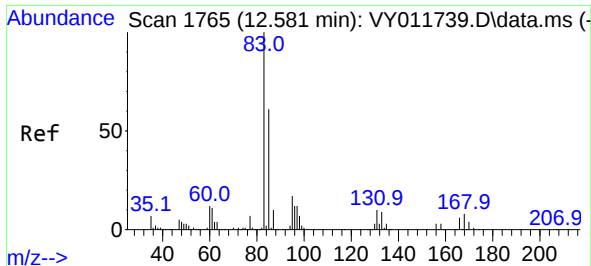
Tgt Ion:105 Resp: 233592
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 20.448 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 43 Resp: 49154
Ion Ratio Lower Upper
43 100
70 45.9 35.8 53.8
55 28.5 21.0 31.4
61 25.6 20.0 30.0

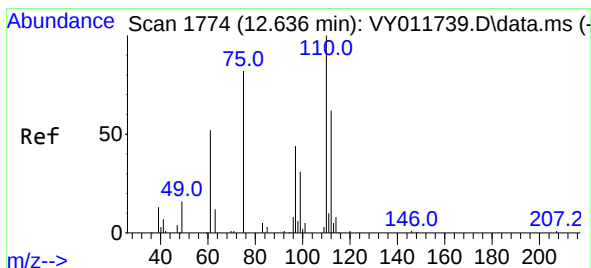
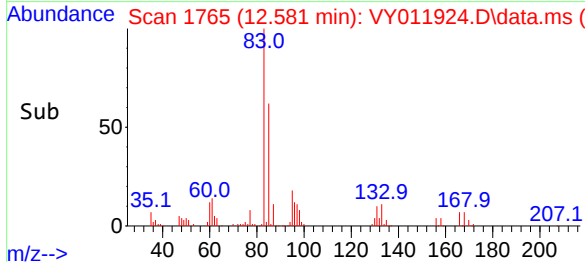
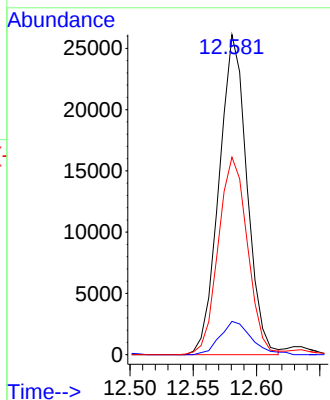
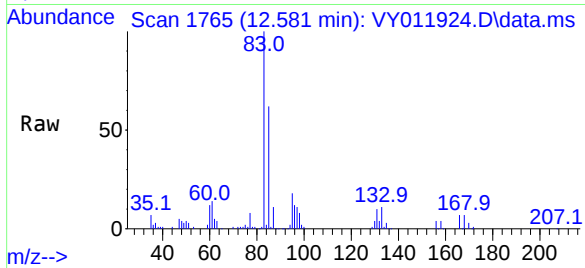




#75
1,1,2-Tetrachloroethane
Concen: 20.472 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

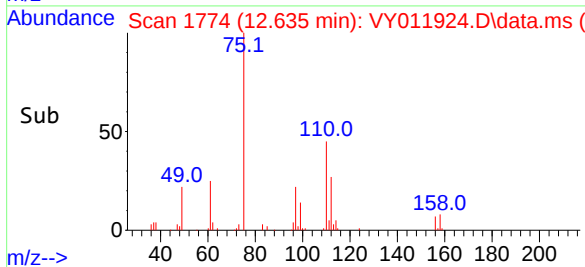
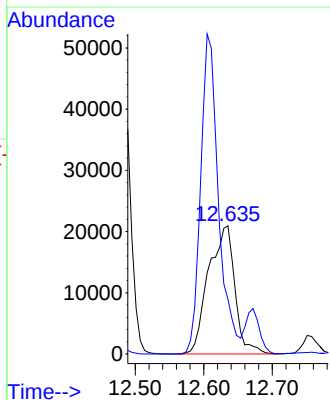
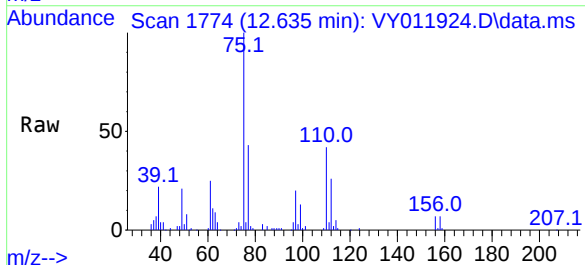
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

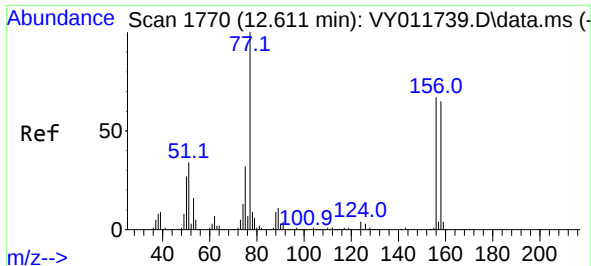
Tgt Ion: 83 Resp: 40044
Ion Ratio Lower Upper
83 100
131 11.7 5.6 16.8
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 28.377 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 75 Resp: 55793
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

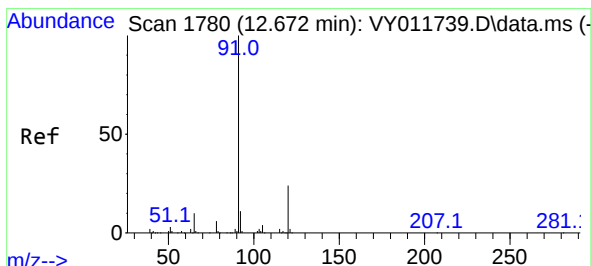
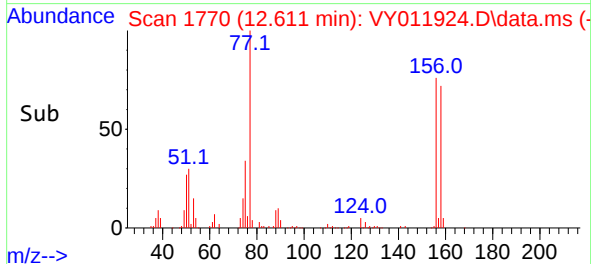
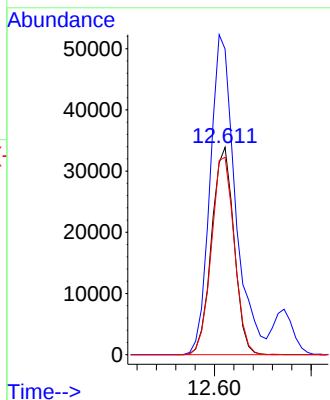
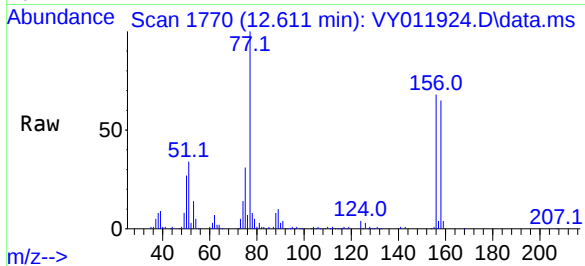




#77
Bromobenzene
Concen: 20.055 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

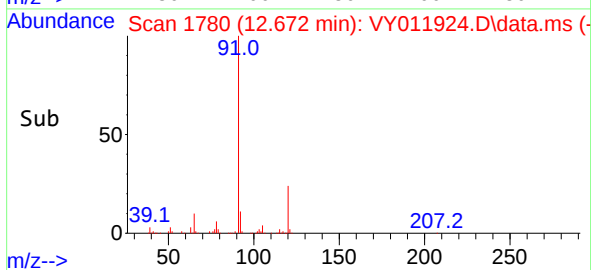
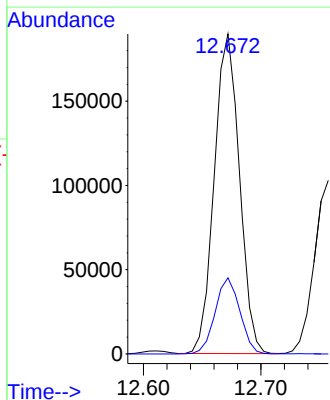
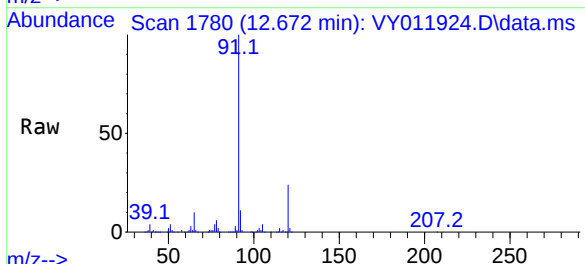
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

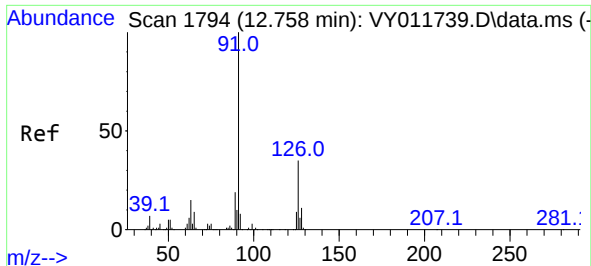
Tgt Ion:156 Resp: 54402
Ion Ratio Lower Upper
156 100
77 174.6 90.0 270.0
158 97.6 48.4 145.2



#78
n-propylbenzene
Concen: 20.026 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 91 Resp: 282241
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 19.805 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

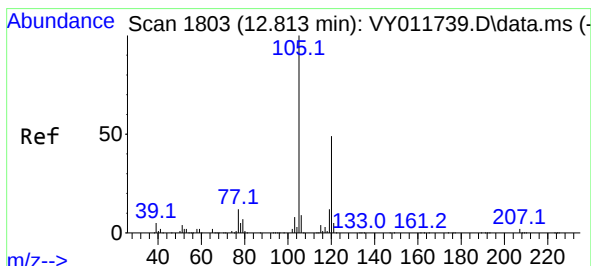
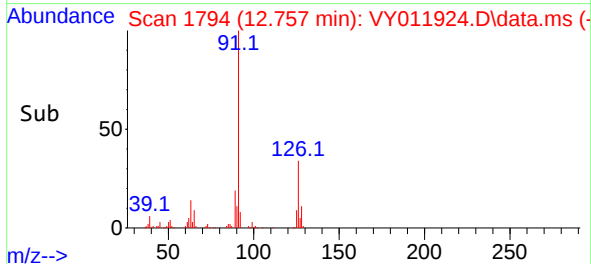
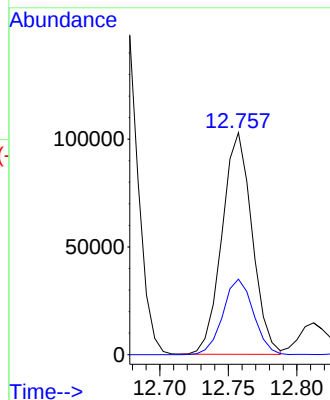
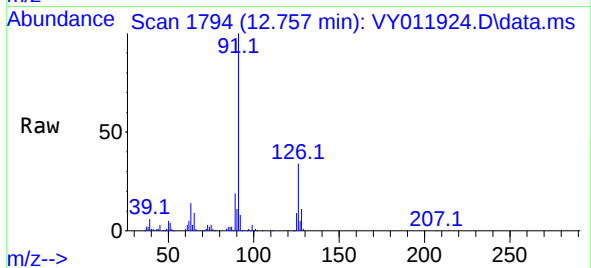
VY1220SBSD01

Tgt Ion: 91 Resp: 156899

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.109 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011924.D

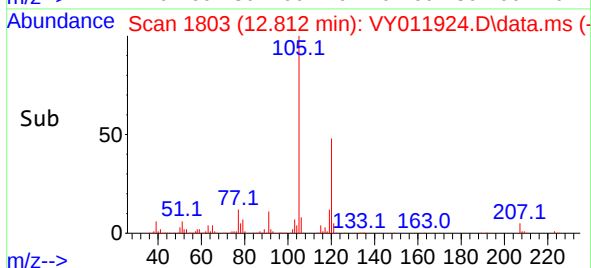
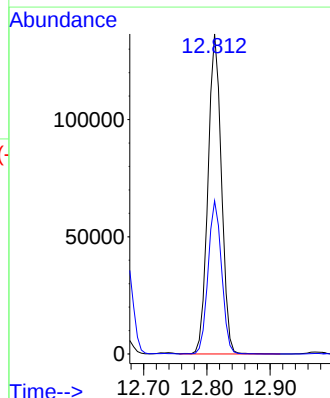
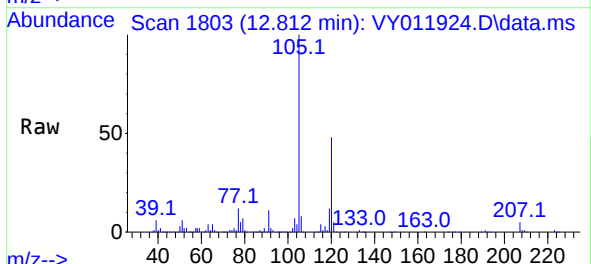
Acq: 20 Dec 2022 15:59

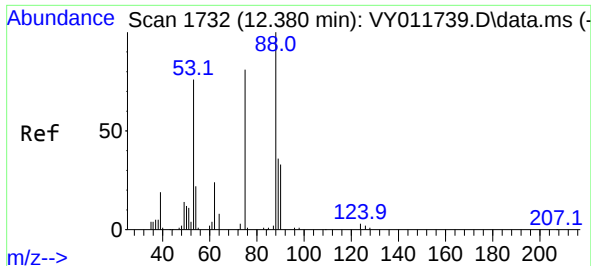
Tgt Ion:105 Resp: 201868

Ion Ratio Lower Upper

105 100

120 48.1 24.2 72.6

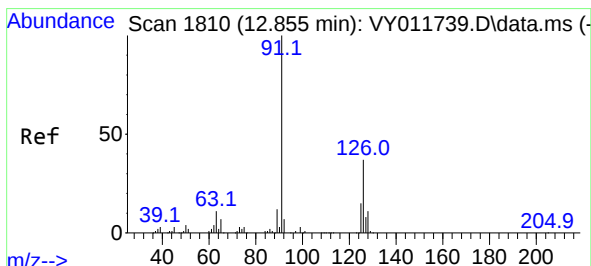
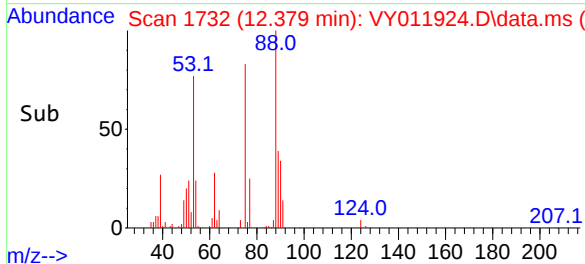
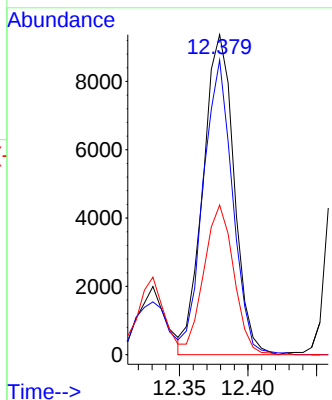
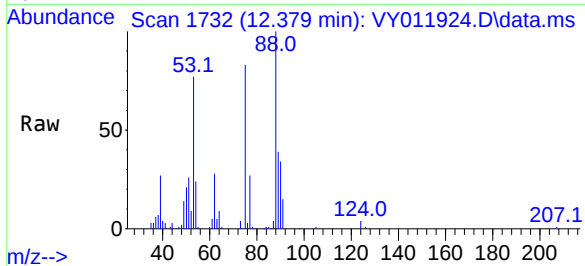




#81
trans-1,4-Dichloro-2-butene
Concen: 20.508 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

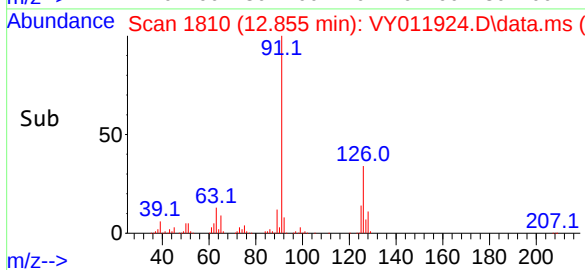
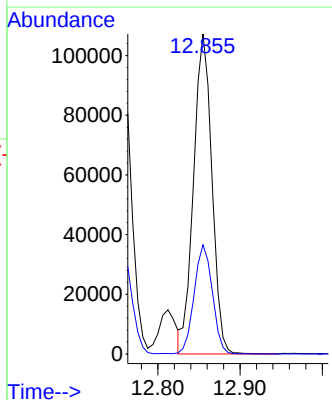
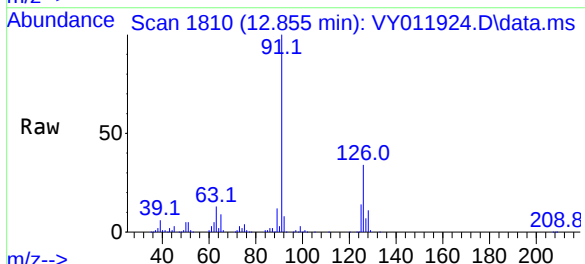
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

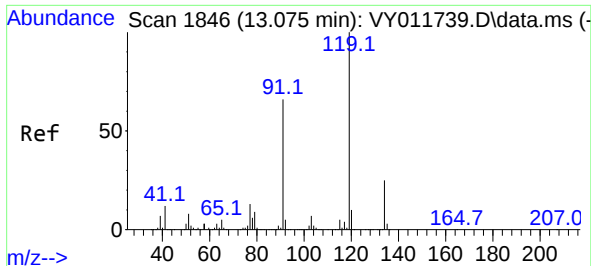
Tgt Ion: 75 Resp: 14724
Ion Ratio Lower Upper
75 100
53 87.5 72.5 108.7
89 45.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.262 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion: 91 Resp: 166091
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2



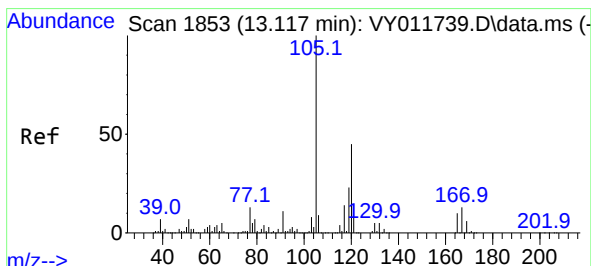
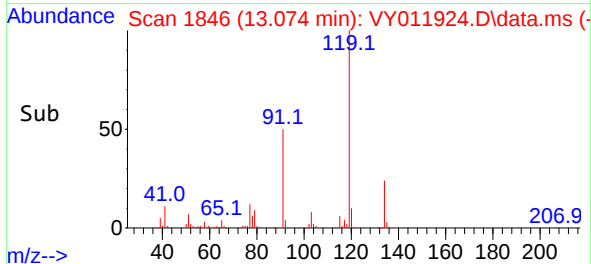
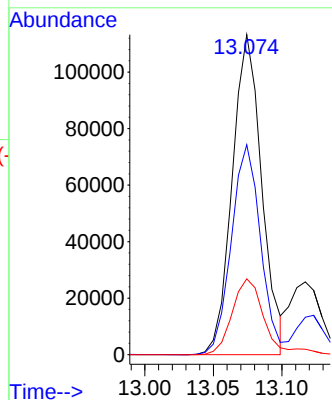
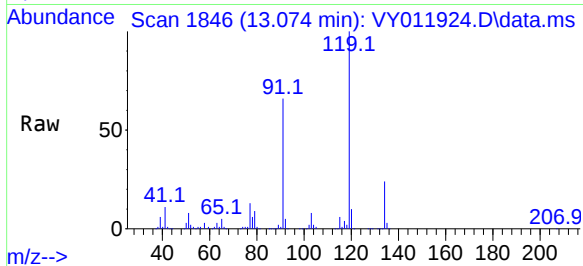


#83
tert-Butylbenzene
Concen: 19.980 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

Tgt Ion:119 Resp: 169985

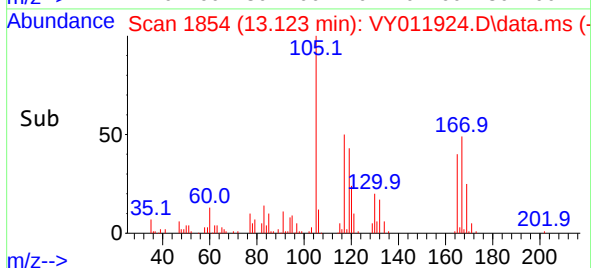
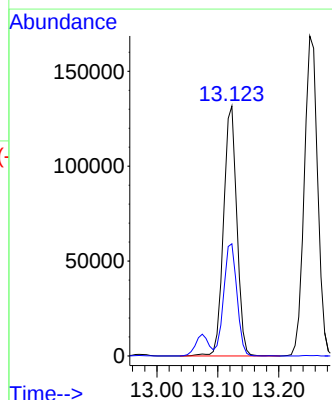
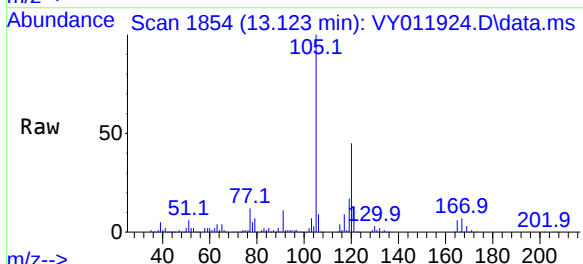
Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.3	96.8
134	25.8	13.0	39.0

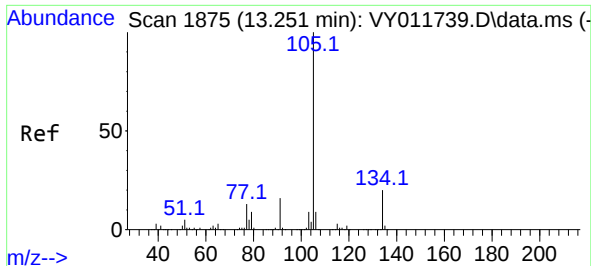


#84
1,2,4-Trimethylbenzene
Concen: 20.217 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:105 Resp: 199661

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.9	68.7

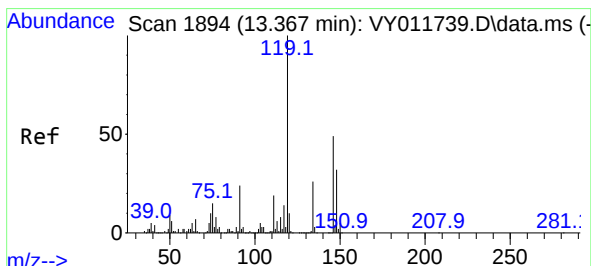
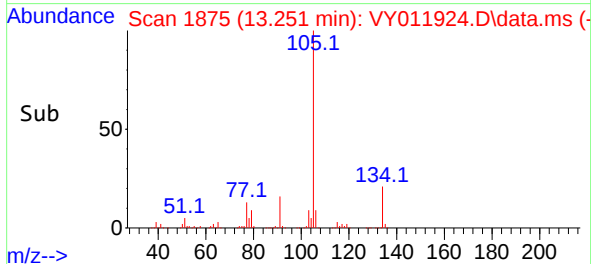
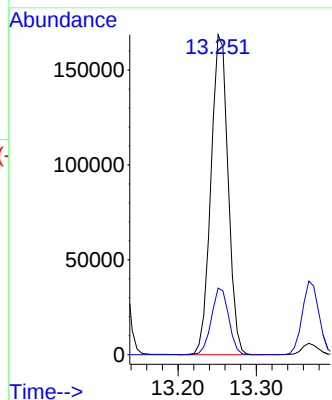
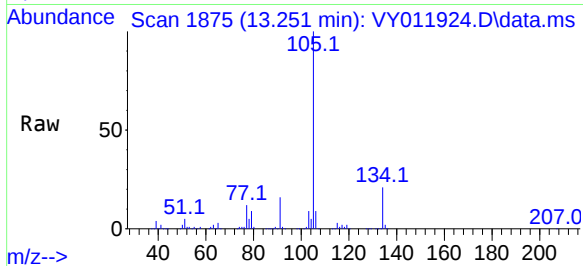




#85
 sec-Butylbenzene
 Concen: 20.167 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

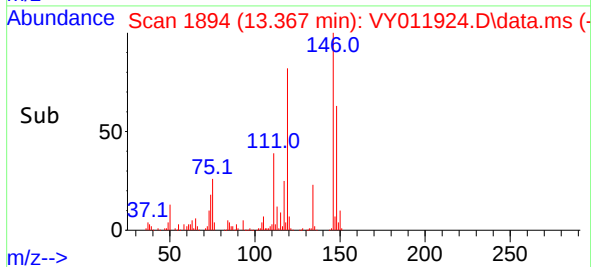
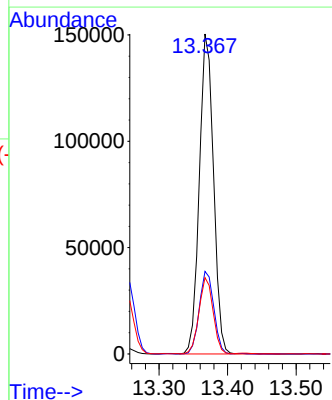
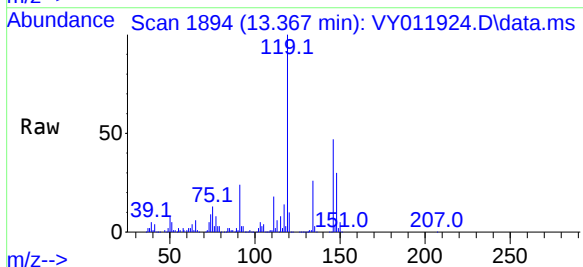
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

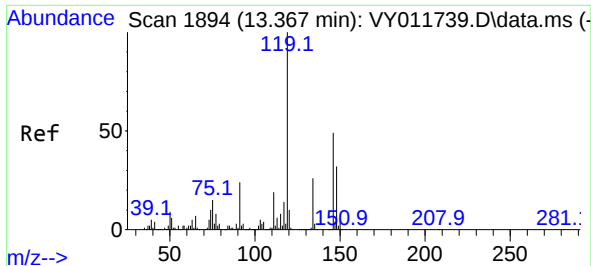
Tgt Ion:105 Resp: 256205
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.268 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011924.D
 Acq: 20 Dec 2022 15:59

Tgt Ion:119 Resp: 217270
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 19.753 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

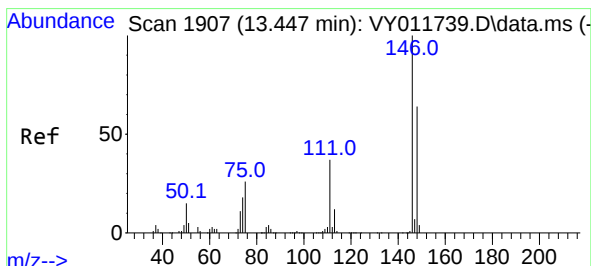
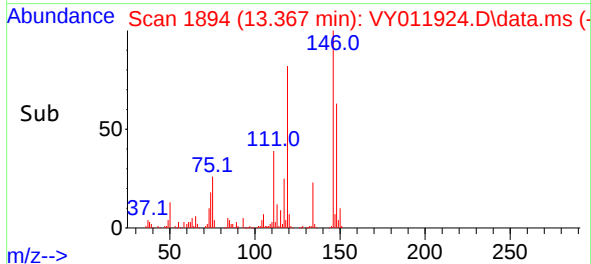
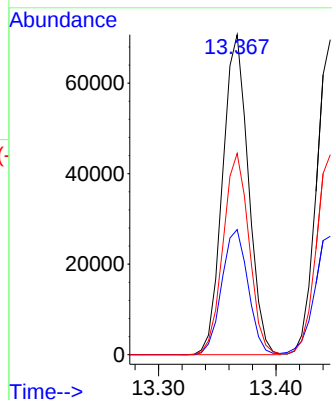
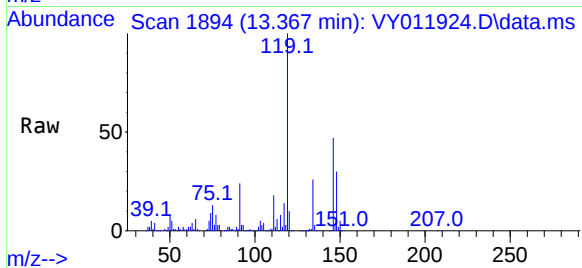
Tgt Ion:146 Resp: 107760

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.781 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

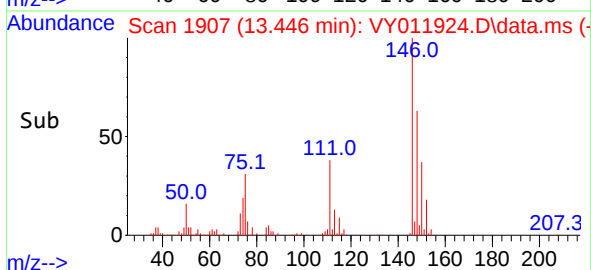
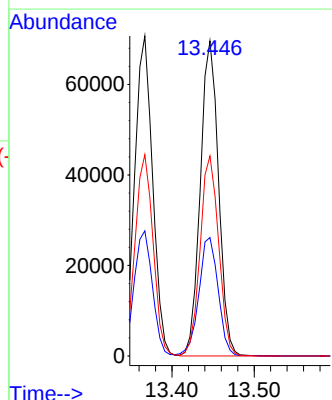
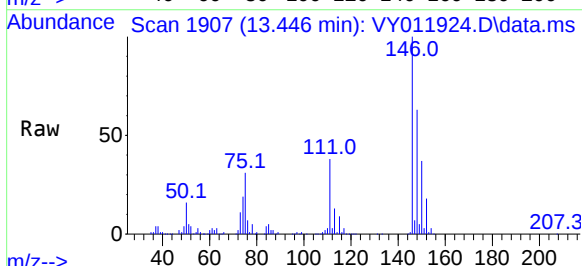
Tgt Ion:146 Resp: 107279

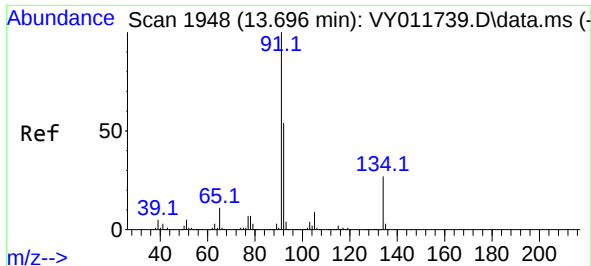
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

148 64.5 31.9 95.7

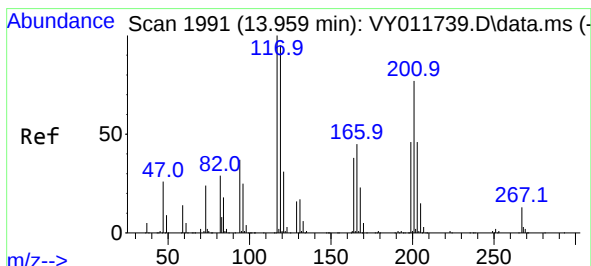
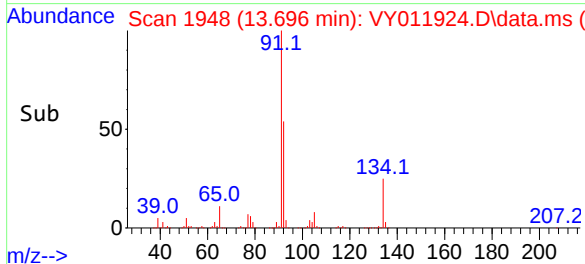
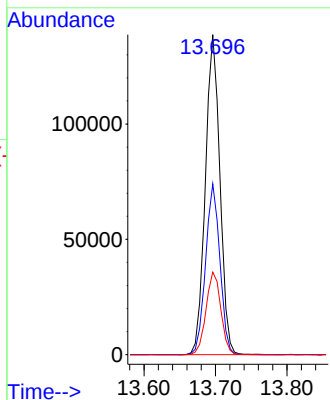
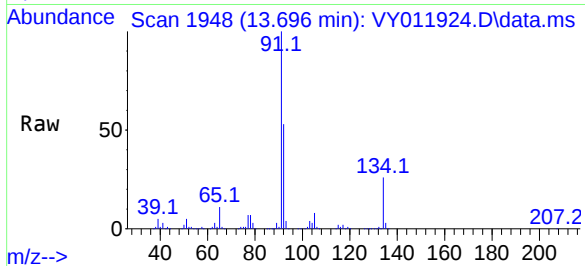




#89
n-Butylbenzene
Concen: 20.225 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

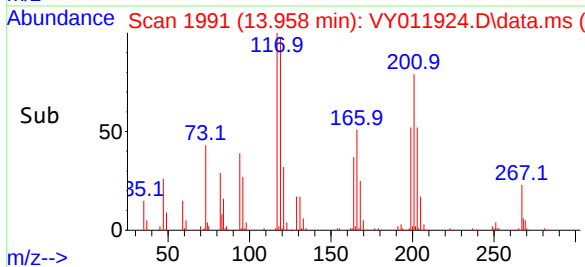
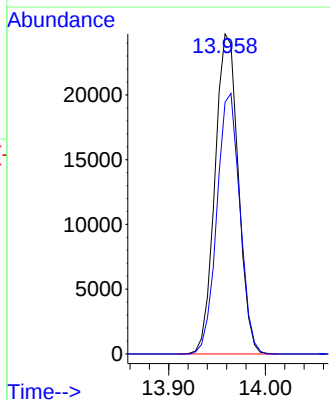
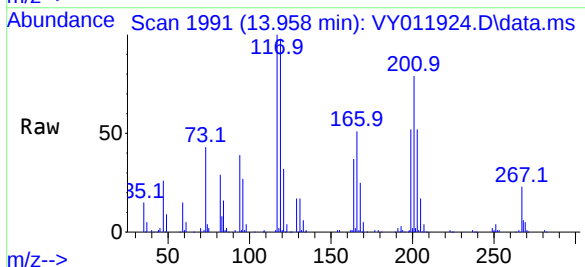
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

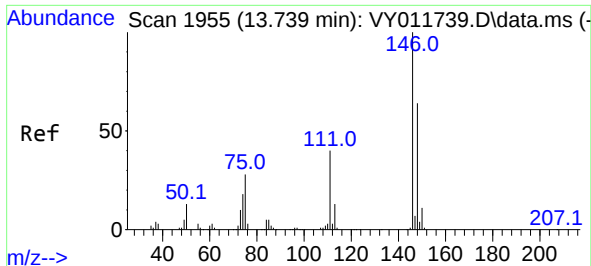
Tgt Ion:	91	Resp:	196263
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.4
134	26.3	13.3	39.8



#90
Hexachloroethane
Concen: 20.194 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:	117	Resp:	41304
Ion	Ratio	Lower	Upper
117	100		
201	80.5	40.3	120.8





#91

1,2-Dichlorobenzene

Concen: 20.025 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

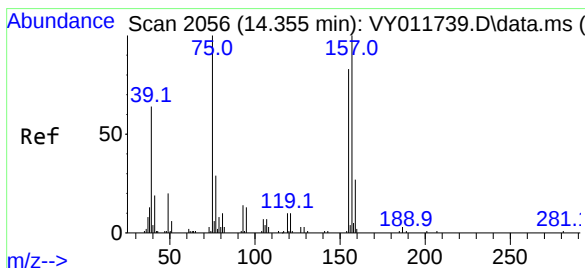
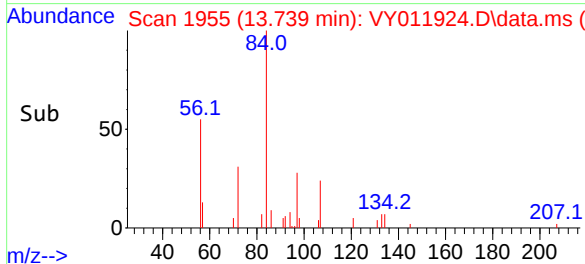
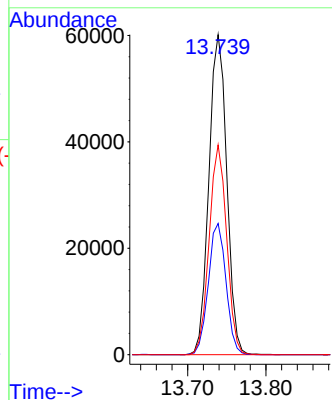
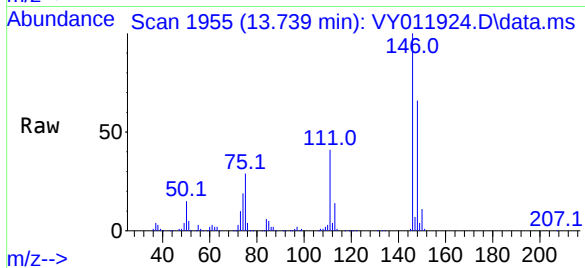
Tgt Ion:146 Resp: 95238

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.770 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011924.D

Acq: 20 Dec 2022 15:59

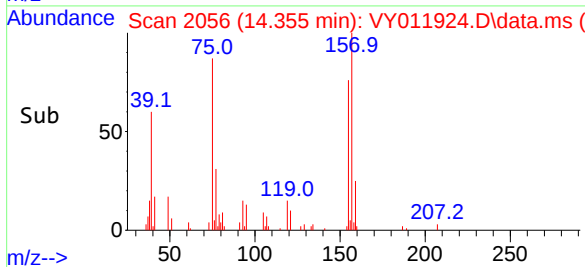
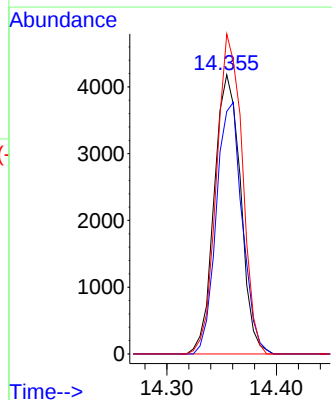
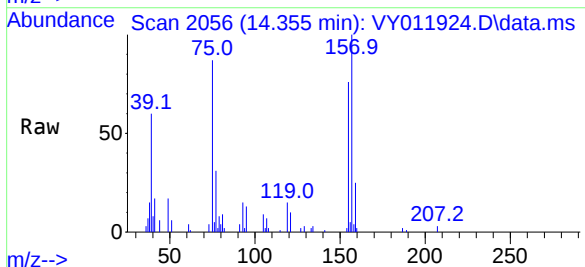
Tgt Ion: 75 Resp: 6982

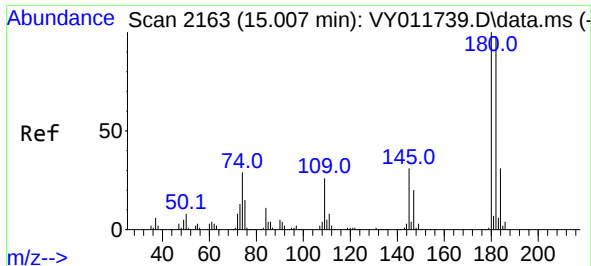
Ion Ratio Lower Upper

75 100

155 88.6 42.3 126.8

157 112.1 54.4 163.3

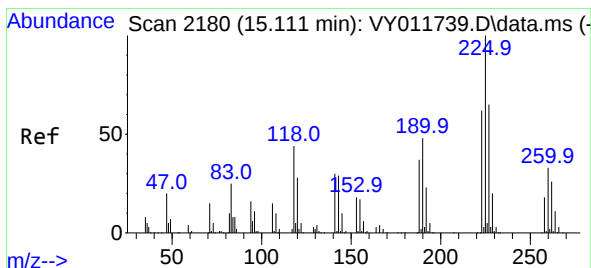
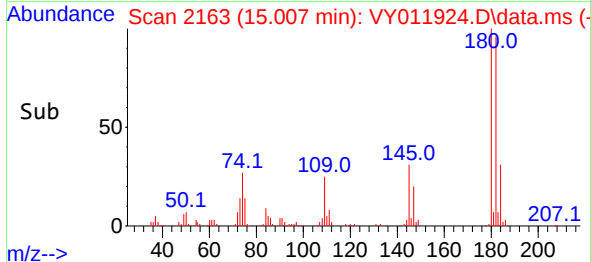
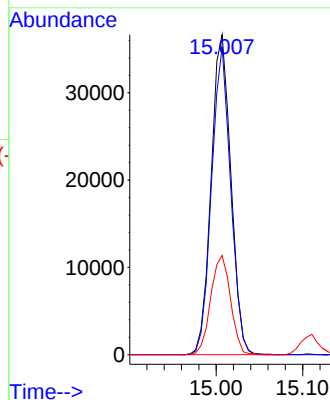
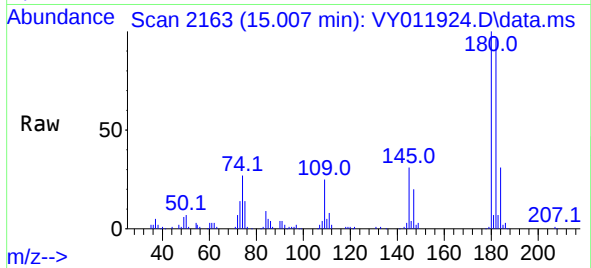




#93
1,2,4-Trichlorobenzene
Concen: 20.699 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

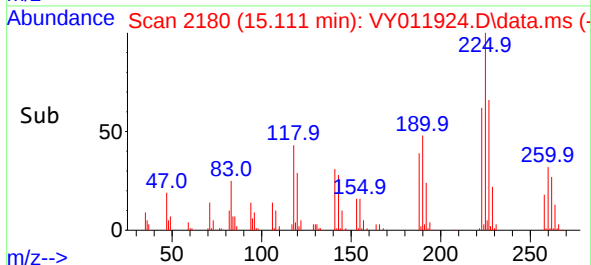
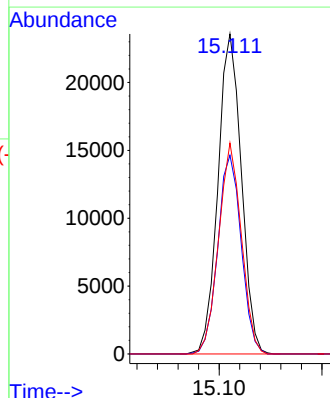
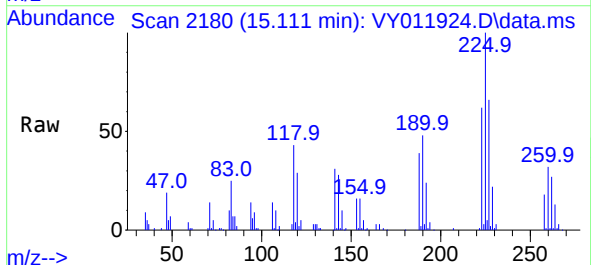
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

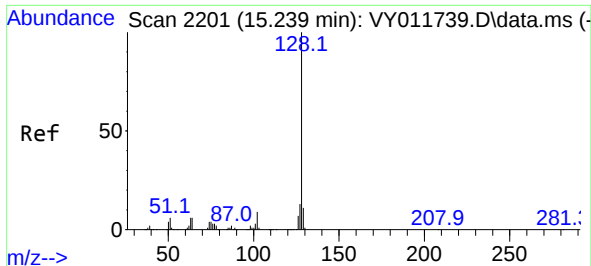
Tgt Ion:	180	Resp:	57910
Ion Ratio	Lower	Upper	
180	100		
182	93.1	48.1	144.3
145	31.2	15.4	46.4



#94
Hexachlorobutadiene
Concen: 20.568 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:	225	Resp:	37182
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.4	94.2
227	64.2	32.6	97.8

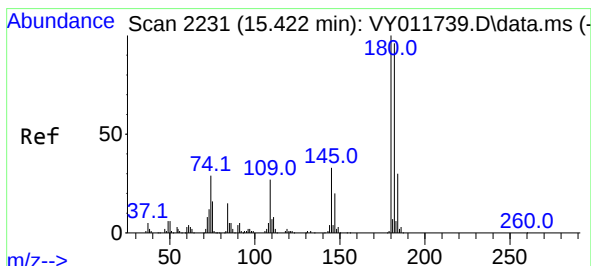
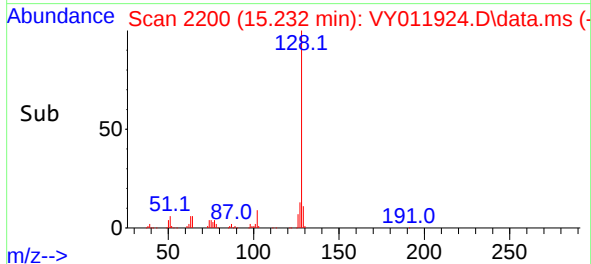
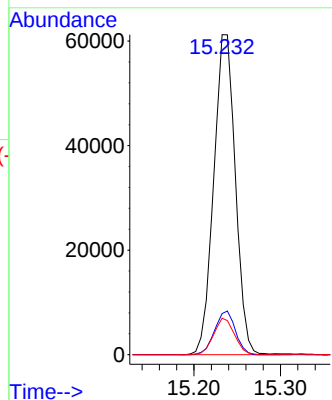
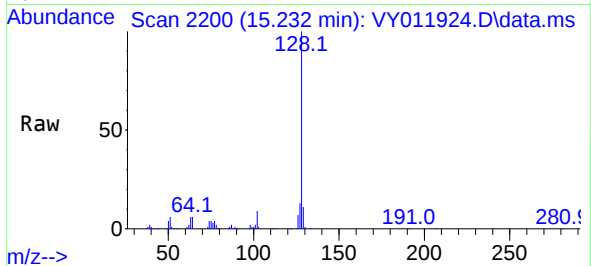




#95
Naphthalene
Concen: 20.046 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

Tgt Ion:128 Resp: 106400
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.397 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011924.D
Acq: 20 Dec 2022 15:59

Tgt Ion:180 Resp: 48247
Ion Ratio Lower Upper
180 100
182 97.5 47.9 143.7
145 33.4 16.1 48.2

