

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012911.D
 Acq On : 10 Mar 2023 11:23
 Operator : KP/MD
 Sample : VY0310SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 05:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47127	46.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.860%
35) Dibromofluoromethane	7.716	113	45680	49.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.179	98	158381	47.139	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.483	95	56757	50.048	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22788	22.859	ug/l	100
3) Chloromethane	2.113	50	24576	20.621	ug/l	100
4) Vinyl Chloride	2.253	62	23667	21.656	ug/l	100
5) Bromomethane	2.644	94	14327	21.575	ug/l	88
6) Chloroethane	2.790	64	14537	22.211	ug/l	94
7) Trichlorofluoromethane	3.131	101	40860	22.511	ug/l	98
8) Diethyl Ether	3.527	74	13760	21.633	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	24061	22.033	ug/l	98
10) Methyl Iodide	4.094	142	29906	21.018	ug/l	99
11) Tert butyl alcohol	4.954	59	16593	134.356	ug/l	95
12) 1,1-Dichloroethene	3.875	96	22663	21.760	ug/l	94
13) Acrolein	3.729	56	16720	95.035	ug/l	99
14) Allyl chloride	4.479	41	35633	18.521	ug/l	94
15) Acrylonitrile	5.161	53	38344	114.409	ug/l	99
16) Acetone	3.948	43	41674	105.730	ug/l	98
17) Carbon Disulfide	4.192	76	72489	20.447	ug/l	99
18) Methyl Acetate	4.479	43	24763	21.097	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	58880	21.887	ug/l	98
20) Methylene Chloride	4.722	84	29136	21.121	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	24122	21.312	ug/l	93
22) Diisopropyl ether	6.118	45	75519	21.612	ug/l	93
23) Vinyl Acetate	6.058	43	235450	108.443	ug/l	99
24) 1,1-Dichloroethane	6.015	63	43555	21.874	ug/l	99
25) 2-Butanone	6.984	43	54339	111.306	ug/l	98
26) 2,2-Dichloropropane	6.984	77	38717	21.893	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	26852	22.128	ug/l	99
28) Bromochloromethane	7.332	49	16366	22.491	ug/l	100
29) Tetrahydrofuran	7.350	42	33981	115.409	ug/l	98
30) Chloroform	7.508	83	44727	22.741	ug/l	95
31) Cyclohexane	7.789	56	38271	19.899	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	39986	22.481	ug/l	99
36) 1,1-Dichloropropene	7.917	75	33540	21.777	ug/l	99
37) Ethyl Acetate	7.070	43	22741	23.427	ug/l	99
38) Carbon Tetrachloride	7.899	117	36605	23.016	ug/l	94
39) Methylcyclohexane	9.185	83	39226	21.423	ug/l	98
40) Benzene	8.161	78	97468	22.372	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	30980	59.235	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	30496	23.283	ug/l	99
43) Isopropyl Acetate	8.271	43	38982	22.508	ug/l	98
44) Trichloroethene	8.941	130	26166	22.780	ug/l	99
45) 1,2-Dichloropropane	9.216	63	24020	21.816	ug/l	98
46) Dibromomethane	9.307	93	14916	23.780	ug/l	98
47) Bromodichloromethane	9.496	83	33702	22.800	ug/l	99
48) Methyl methacrylate	9.289	41	18345	22.988	ug/l	99
49) 1,4-Dioxane	9.295	88	4291	529.170	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	111071	118.231	ug/l	99
52) Toluene	10.246	92	61136	23.269	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	35387	22.824	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	39328	22.410	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	20231	23.159	ug/l	96
56) Ethyl methacrylate	10.508	69	26565	22.807	ug/l	98
57) 1,3-Dichloropropane	10.794	76	34577	23.239	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	69744	114.060	ug/l	99
59) 2-Hexanone	10.831	43	80479	117.871	ug/l	99
60) Dibromochloromethane	10.983	129	25361	23.850	ug/l	99
61) 1,2-Dibromoethane	11.087	107	19519	23.196	ug/l	98
64) Tetrachloroethene	10.721	164	22793	22.409	ug/l	98
65) Chlorobenzene	11.520	112	63900	21.794	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	24312	22.408	ug/l	99
67) Ethyl Benzene	11.593	91	112883	21.898	ug/l	99
68) m/p-Xylenes	11.703	106	88710	44.733	ug/l	99
69) o-Xylene	12.032	106	40779	22.033	ug/l	100
70) Styrene	12.044	104	70477	22.818	ug/l	99
71) Bromoform	12.209	173	16488	23.308	ug/l #	98
73) Isopropylbenzene	12.331	105	110409	21.396	ug/l	100
74) N-amyl acetate	12.142	43	34031	20.960	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	26299	22.672	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	33179	38.160	ug/l #	100
77) Bromobenzene	12.611	156	27151	21.659	ug/l	97
78) n-propylbenzene	12.672	91	137305	21.582	ug/l	100
79) 2-Chlorotoluene	12.758	91	75219	21.273	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	93257	21.899	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9122	21.738	ug/l	98
82) 4-Chlorotoluene	12.855	91	80464	21.984	ug/l	99
83) tert-Butylbenzene	13.075	119	79082	21.515	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	91259	21.915	ug/l	100
85) sec-Butylbenzene	13.251	105	121897	21.739	ug/l	99
86) p-Isopropyltoluene	13.367	119	100705	21.974	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	54461	22.526	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	53794	21.801	ug/l	98
89) n-Butylbenzene	13.696	91	92812	21.155	ug/l	99
90) Hexachloroethane	13.959	117	20260	21.226	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	49064	22.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4320	23.044	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	29117	21.638	ug/l	98
94) Hexachlorobutadiene	15.111	225	17814	21.705	ug/l	99
95) Naphthalene	15.239	128	57175	21.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25534	21.336	ug/l	99

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Instrument :
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

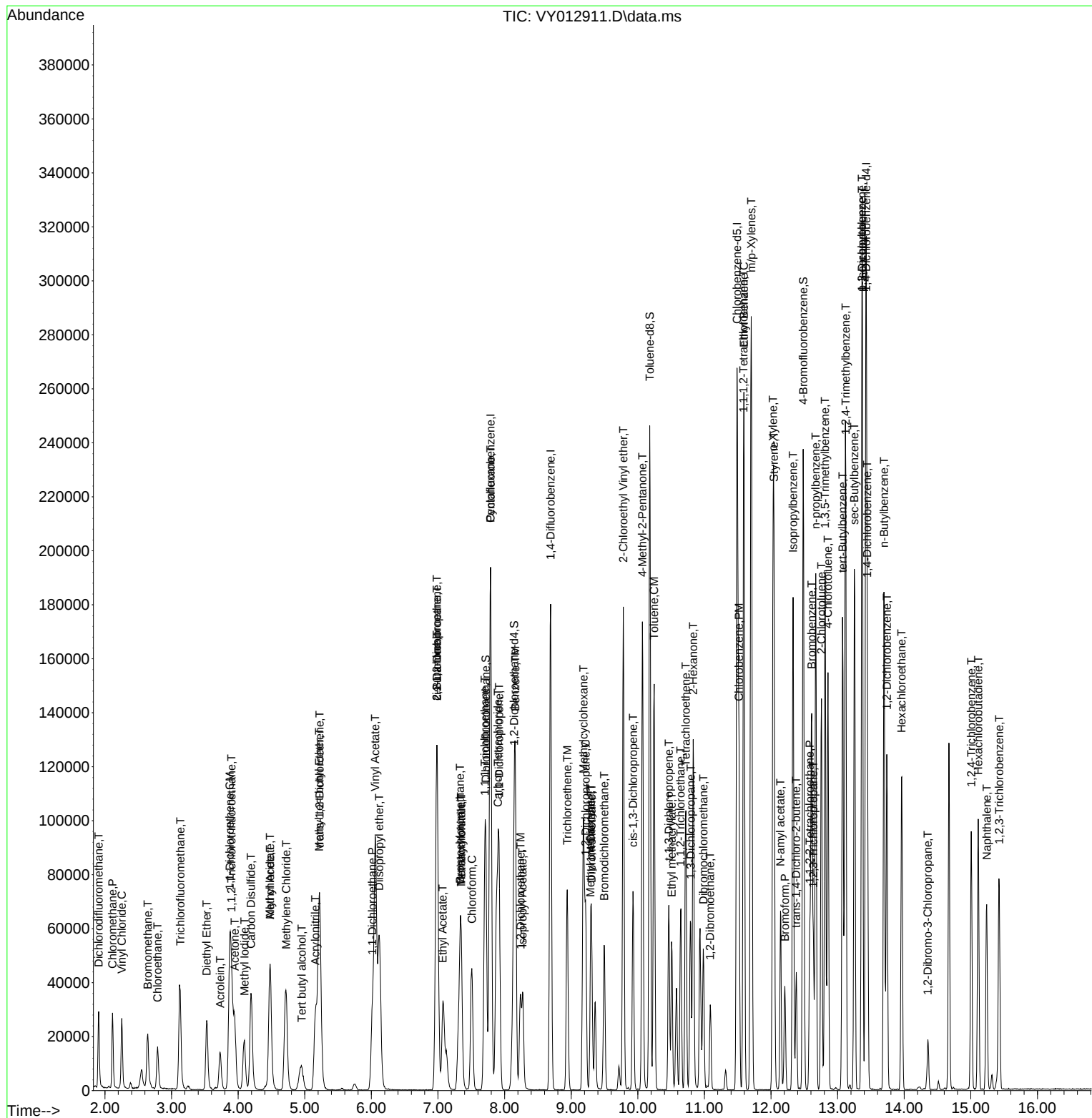
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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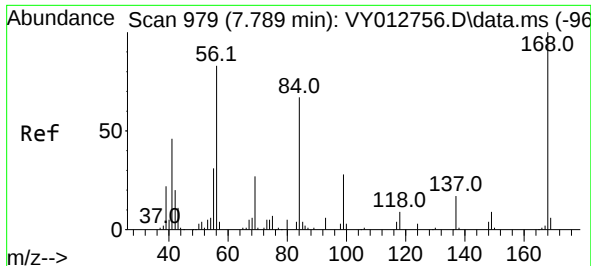
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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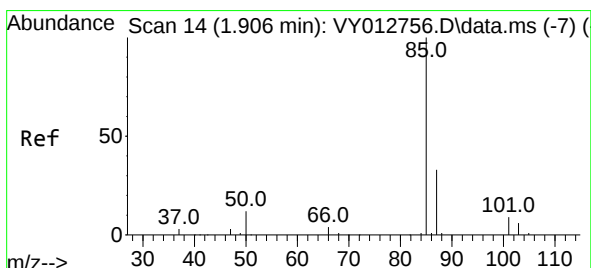
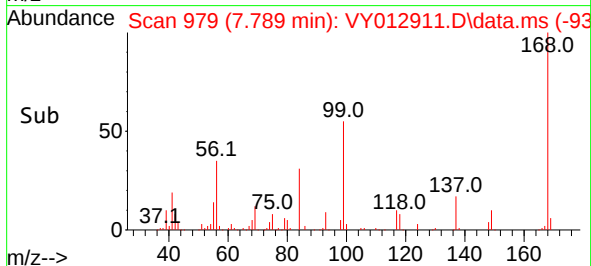
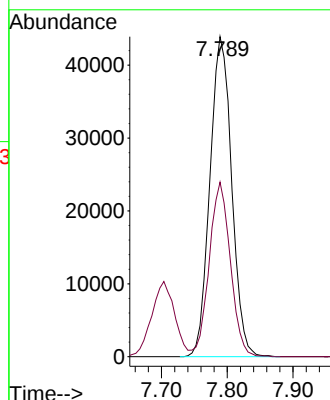
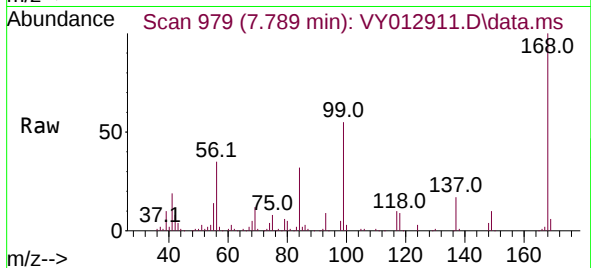




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012911.D
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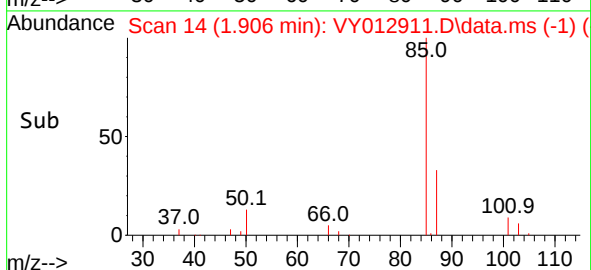
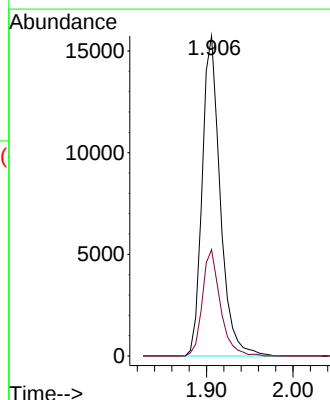
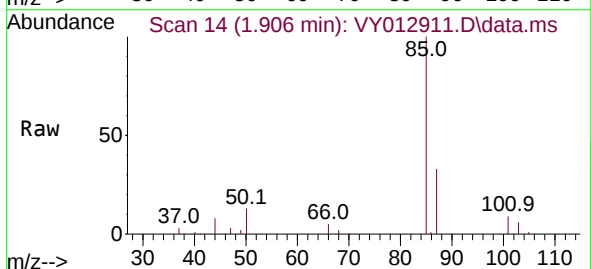
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 101141
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 22.859 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 85 Resp: 22788
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0

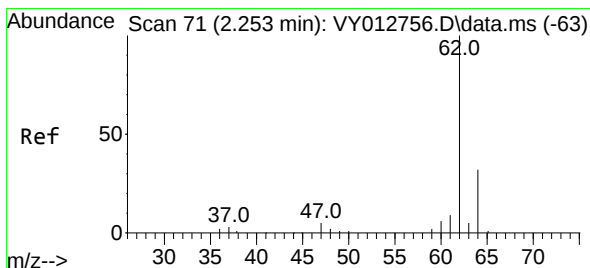
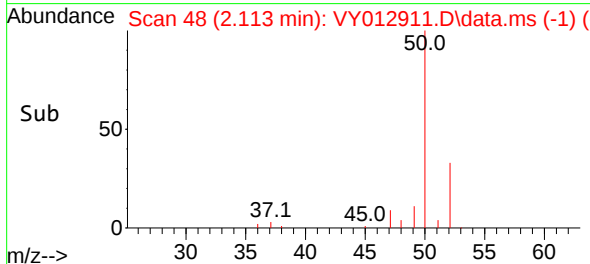
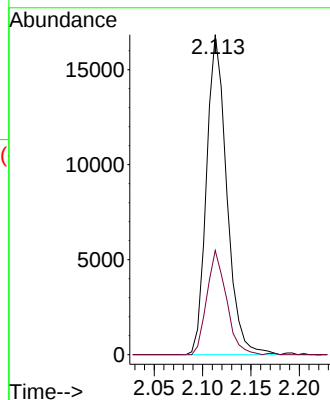
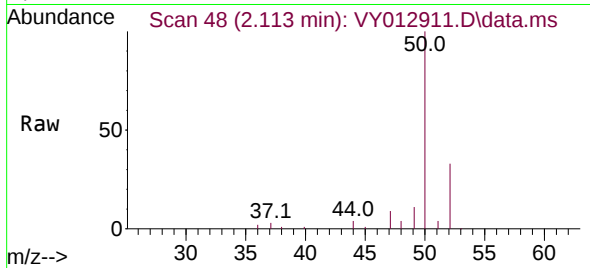




#3
Chloromethane
Concen: 20.621 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

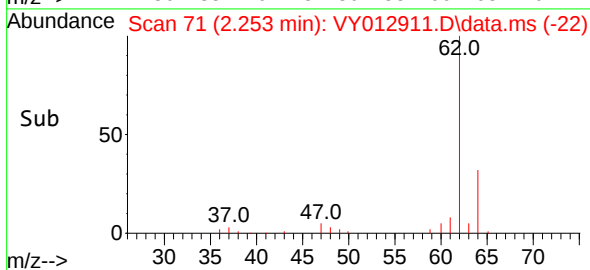
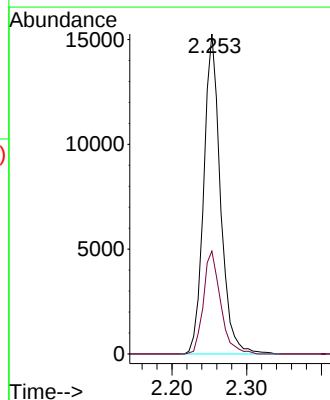
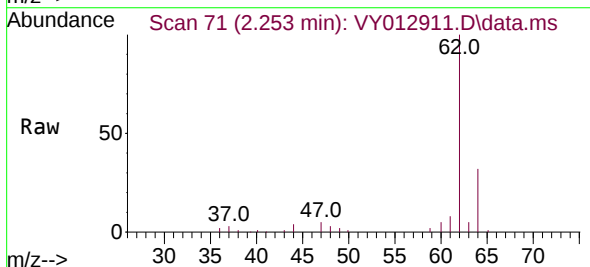
Instrument :
MSVOA_Y
ClientSampleId :

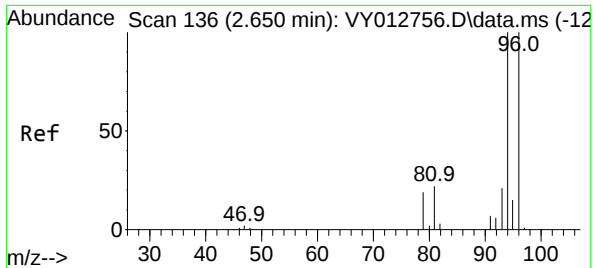
Tgt Ion: 50 Resp: 24576
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 21.656 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 62 Resp: 23667
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4

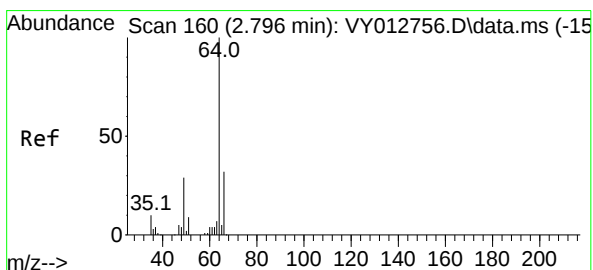
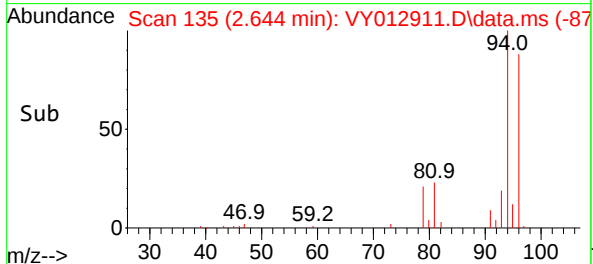
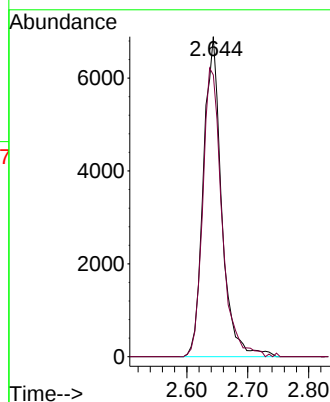
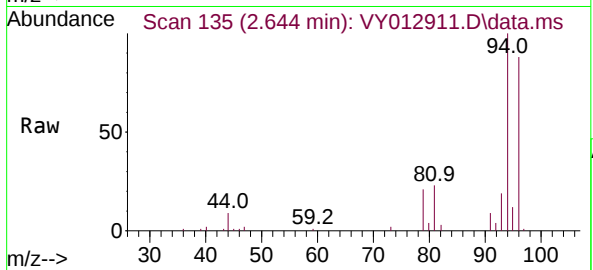




#5
Bromomethane
Concen: 21.575 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

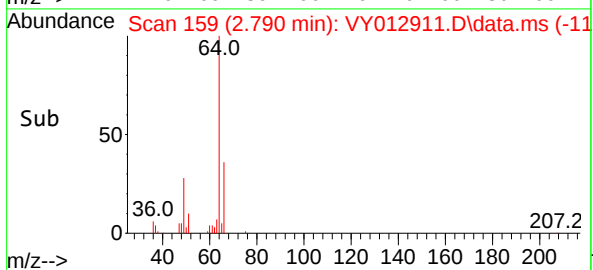
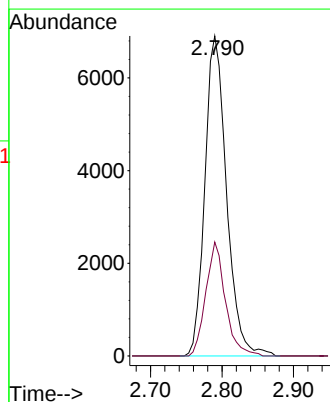
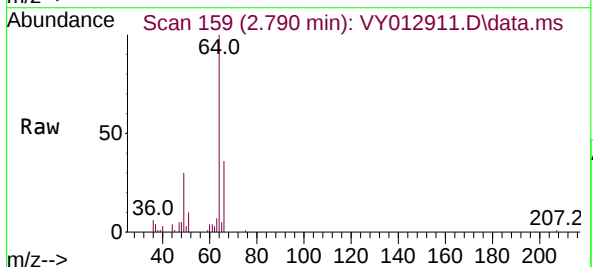
Instrument :
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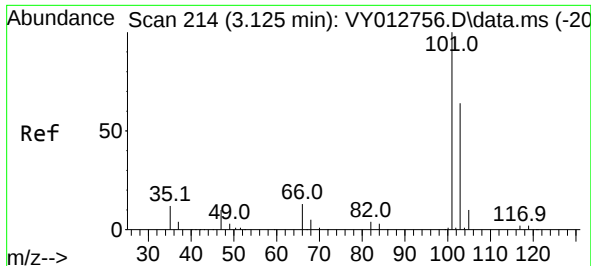
Tgt Ion: 94 Resp: 14327
Ion Ratio Lower Upper
94 100
96 88.1 80.3 120.5



#6
Chloroethane
Concen: 22.211 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 64 Resp: 14537
Ion Ratio Lower Upper
64 100
66 35.6 25.7 38.5

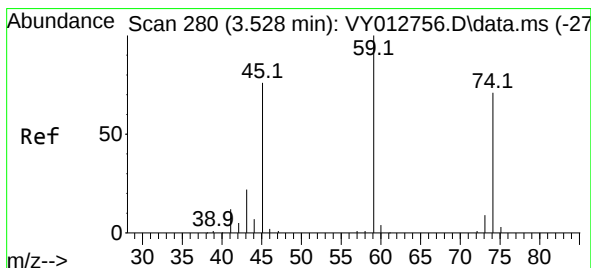
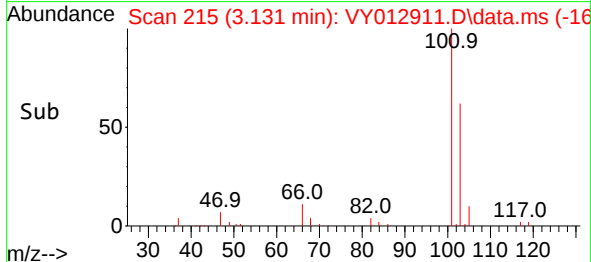
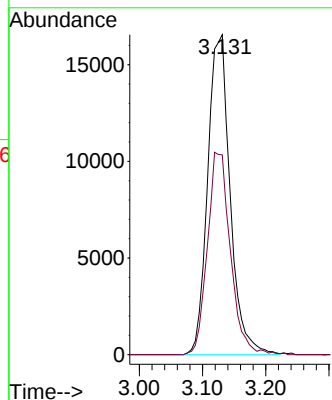
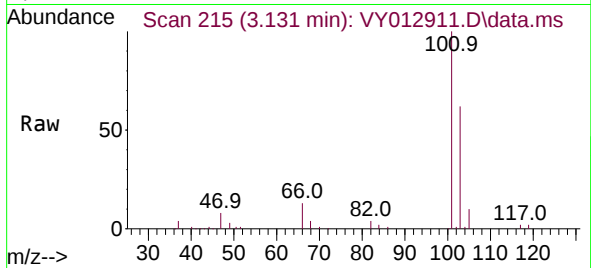




#7
 Trichlorofluoromethane
 Concen: 22.511 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

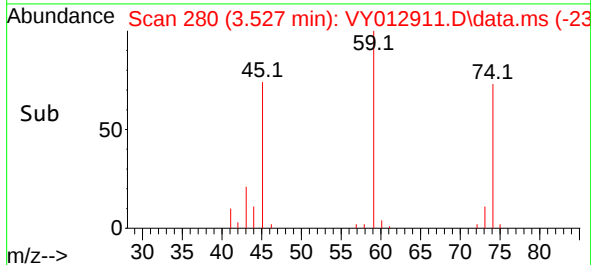
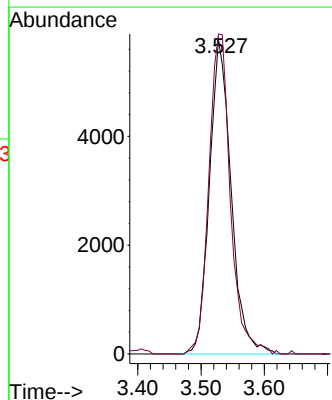
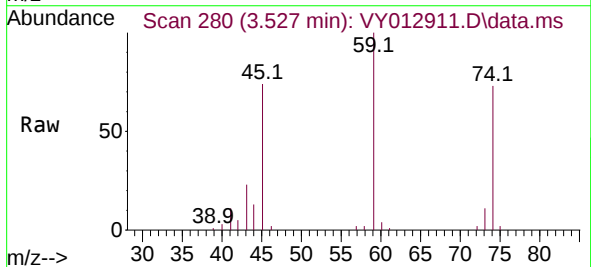
Instrument :
 MSVOA_Y
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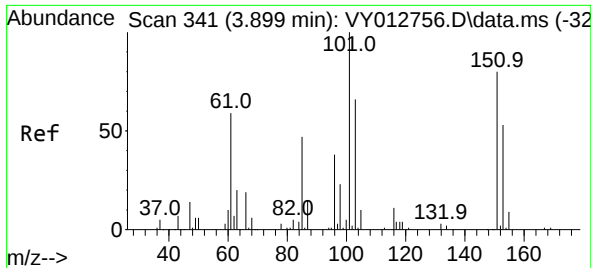
Tgt Ion:101 Resp: 40860
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.633 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

Tgt Ion: 74 Resp: 13760
 Ion Ratio Lower Upper
 74 100
 45 101.4 52.1 156.4

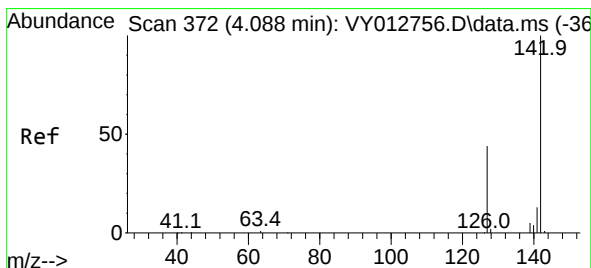
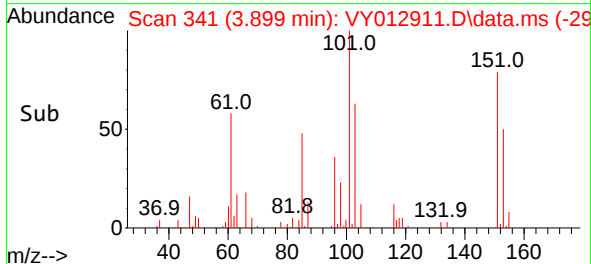
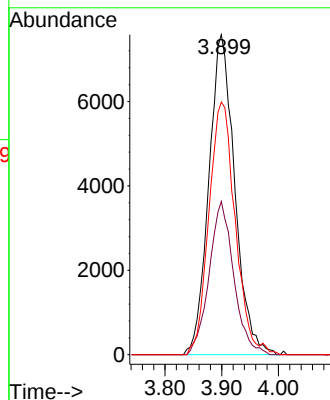
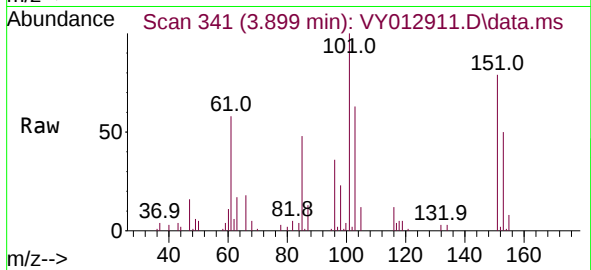




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.033 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

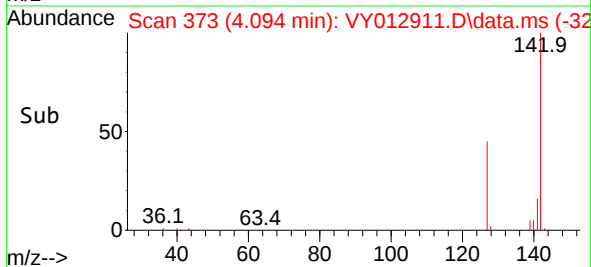
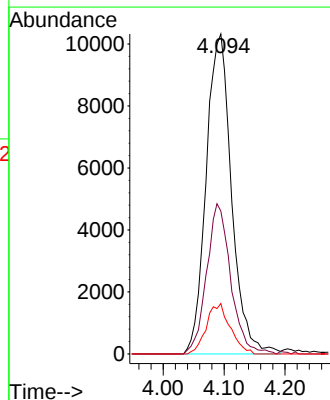
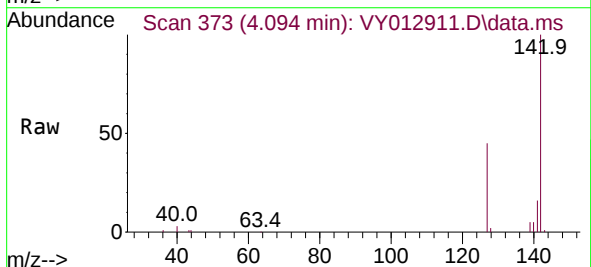
Instrument :
MSVOA_Y
ClientSampleId :

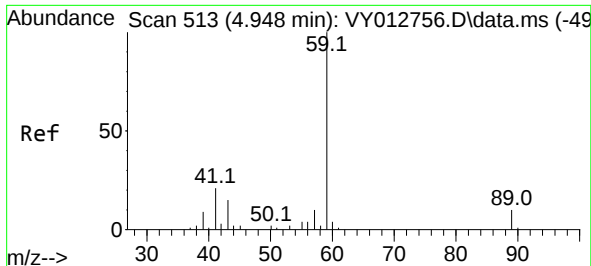
Tgt Ion:101 Resp: 24061
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 80.3 63.1 94.7



#10
Methyl Iodide
Concen: 21.018 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion:142 Resp: 29906
Ion Ratio Lower Upper
142 100
127 44.6 35.4 53.2
141 14.8 11.3 16.9

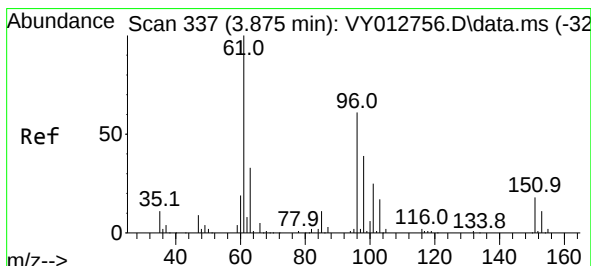
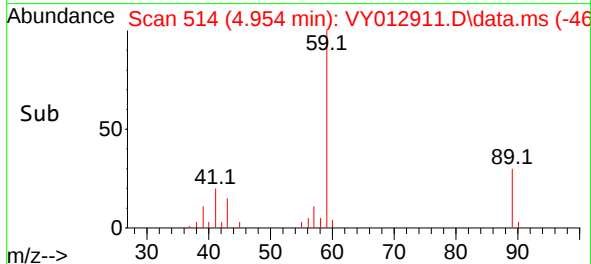
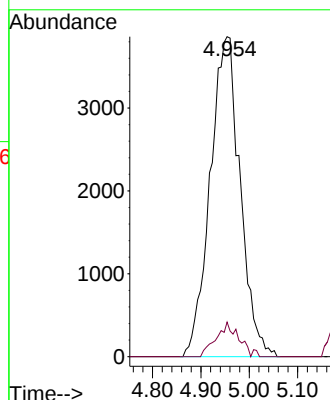
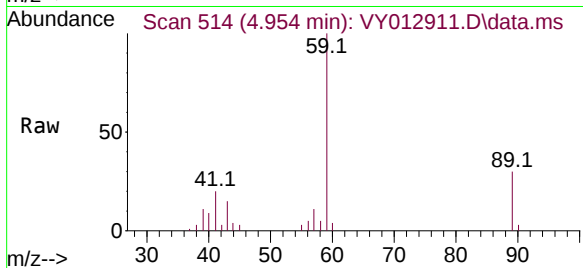




#11
Tert butyl alcohol
Concen: 134.356 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

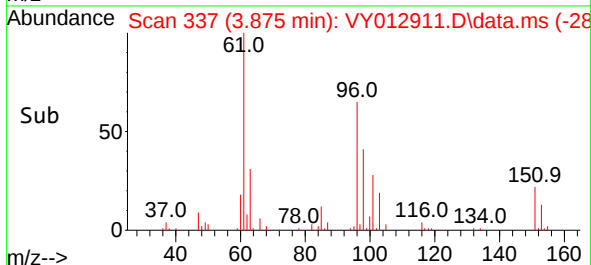
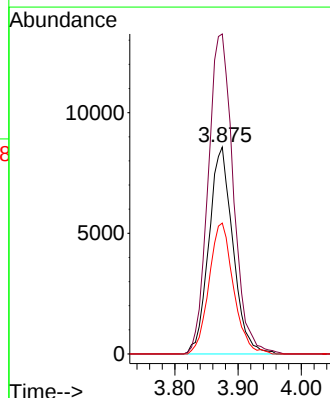
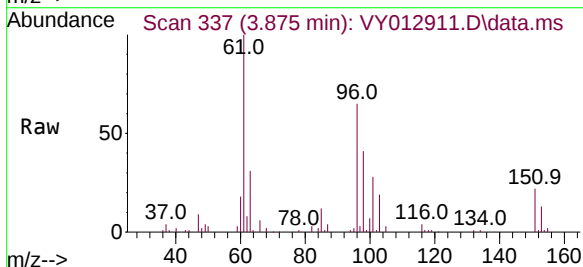
Instrument :
MSVOA_Y
ClientSampleId :

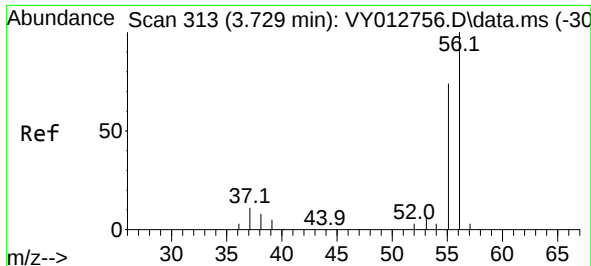
Tgt Ion: 59 Resp: 16593
Ion Ratio Lower Upper
59 100
57 7.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.760 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

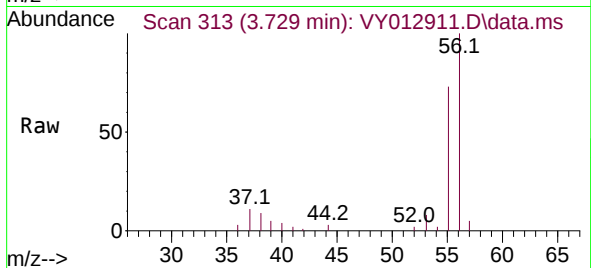
Tgt Ion: 96 Resp: 22663
Ion Ratio Lower Upper
96 100
61 154.6 131.7 197.5
98 63.2 52.0 78.0



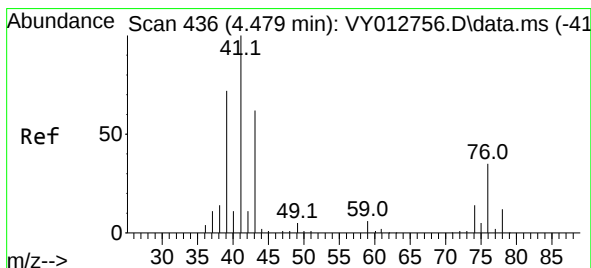
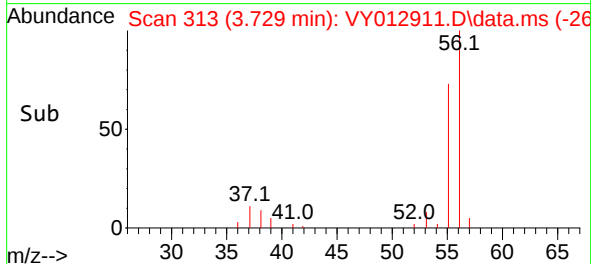
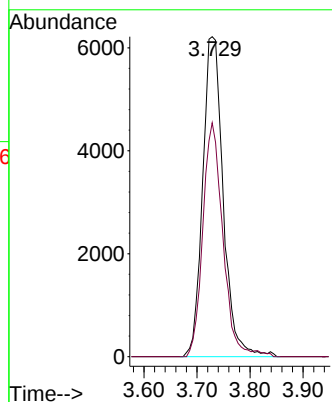


#13
Acrolein
Concen: 95.035 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

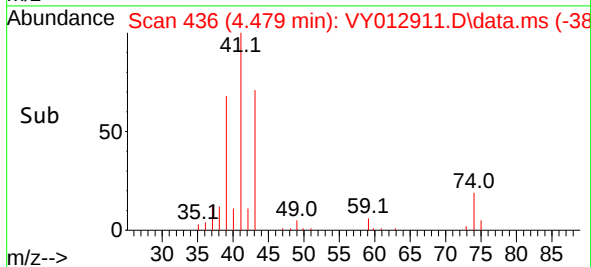
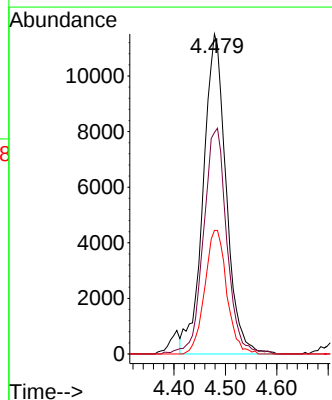
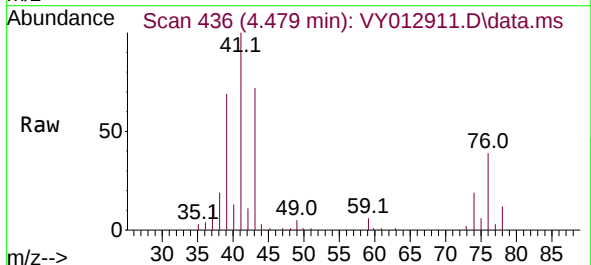


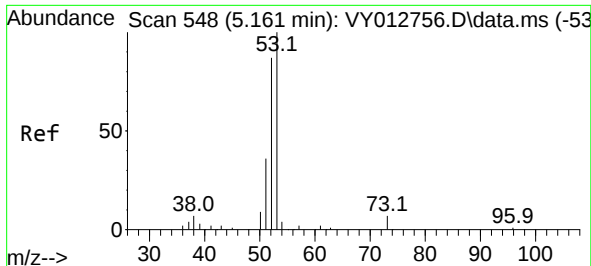
Tgt Ion: 56 Resp: 16720
Ion Ratio Lower Upper
56 100
55 71.4 56.8 85.2



#14
Allyl chloride
Concen: 18.521 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

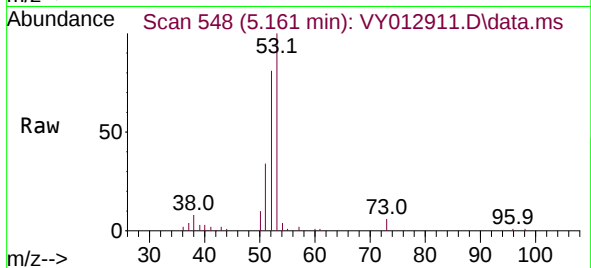
Tgt Ion: 41 Resp: 35633
Ion Ratio Lower Upper
41 100
39 71.8 53.6 80.4
76 37.0 27.2 40.8



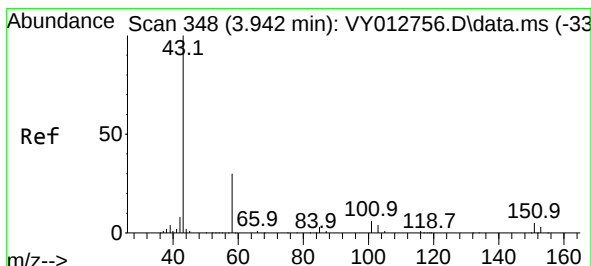
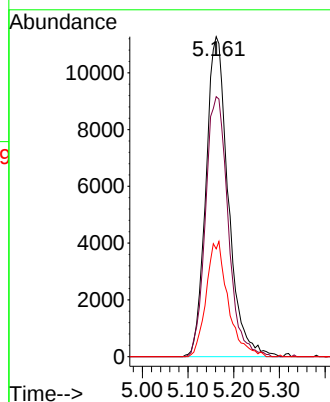
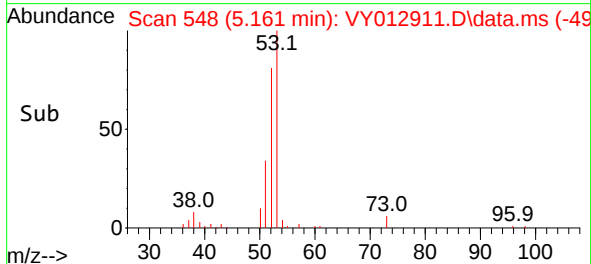


#15
Acrylonitrile
Concen: 114.409 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

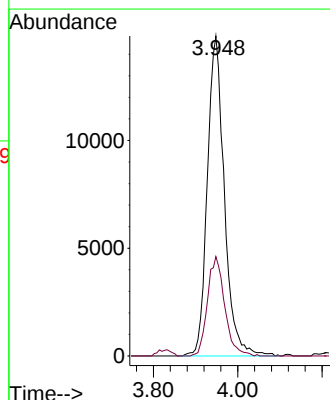
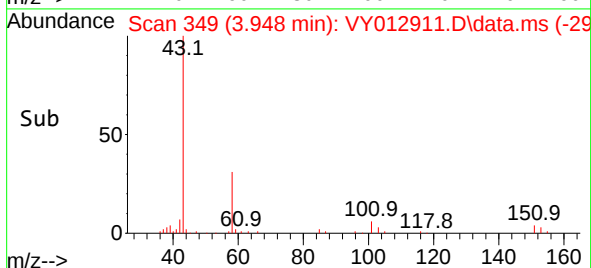
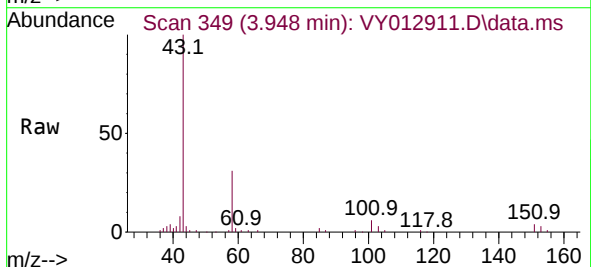


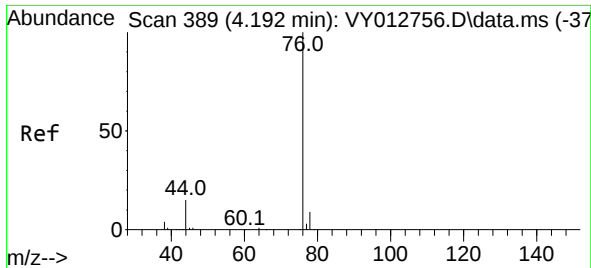
Tgt Ion:	53	Resp:	38344
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.3	99.5
51	35.5	28.8	43.2



#16
Acetone
Concen: 105.730 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion:	43	Resp:	41674
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.2	36.2

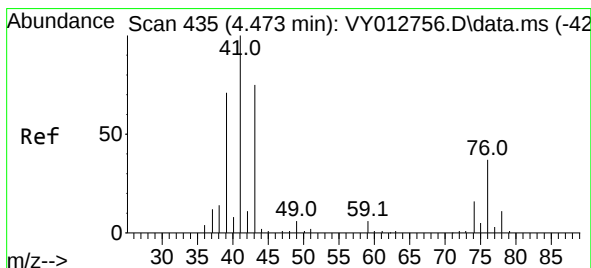
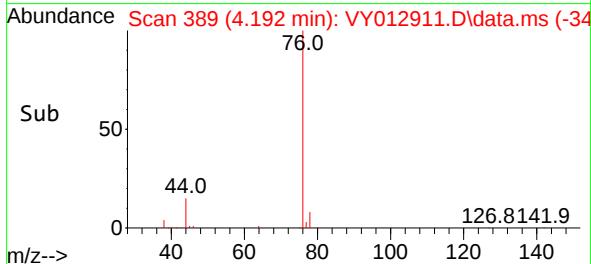
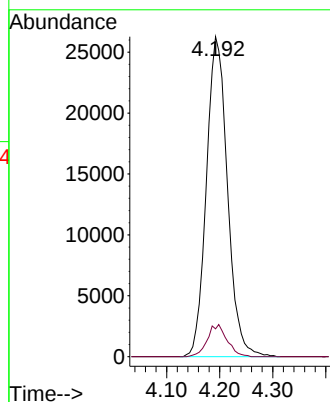
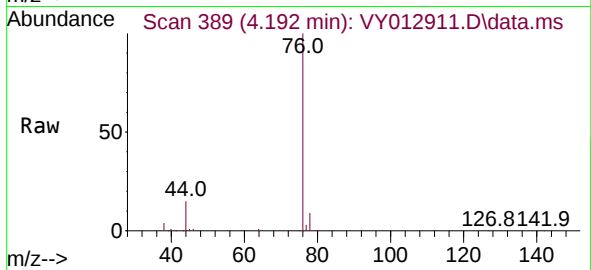




#17
Carbon Disulfide
Concen: 20.447 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

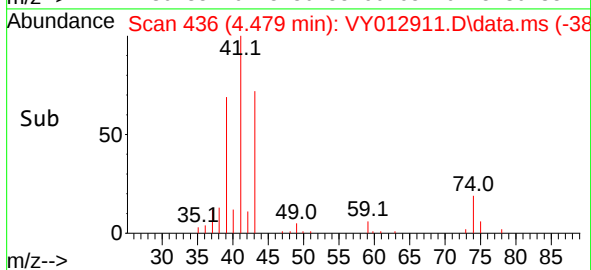
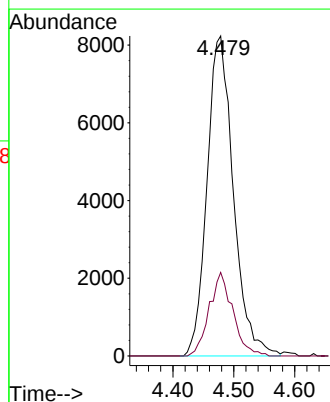
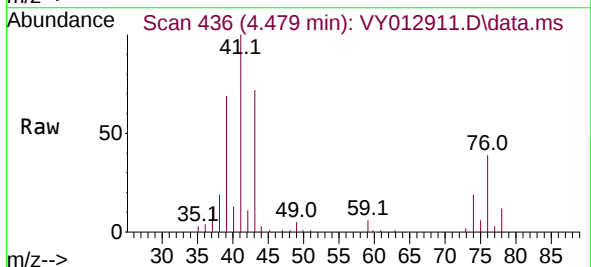
Instrument :
MSVOA_Y
ClientSampleId :

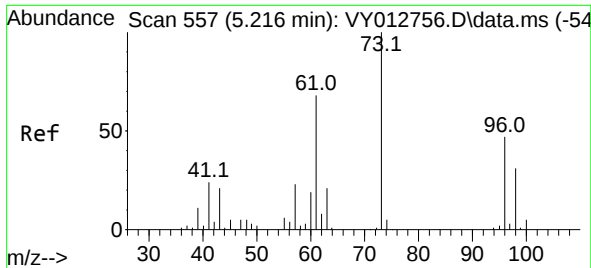
Tgt Ion: 76 Resp: 72489
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 21.097 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 43 Resp: 24763
Ion Ratio Lower Upper
43 100
74 23.4 17.4 26.0

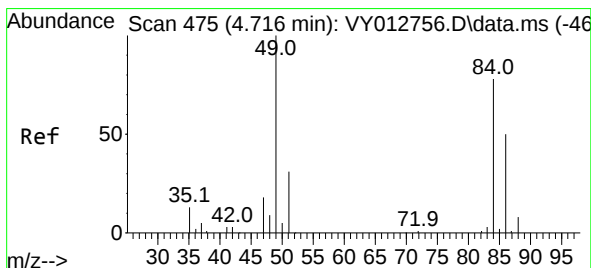
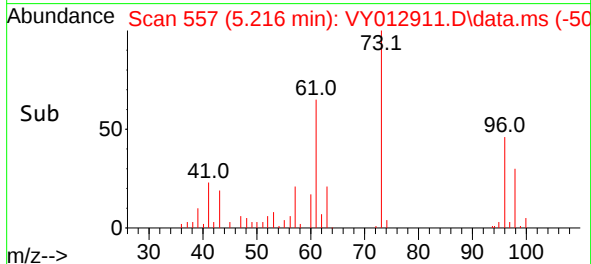
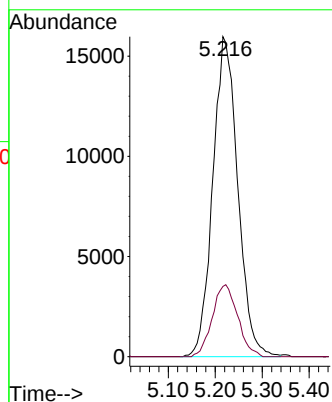
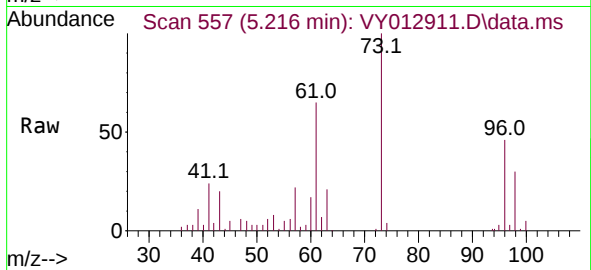




#19
Methyl tert-butyl Ether
Concen: 21.887 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

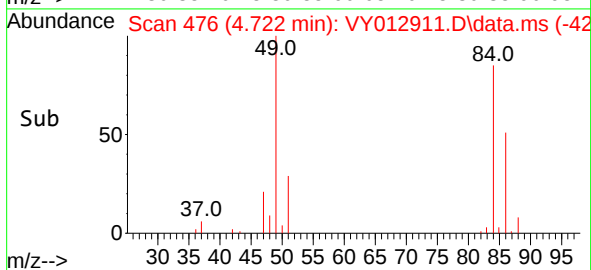
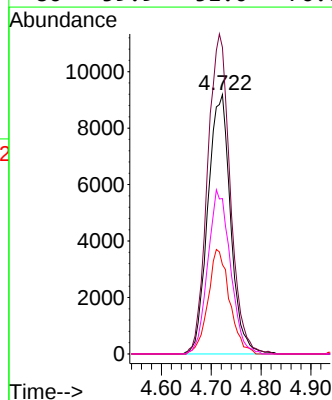
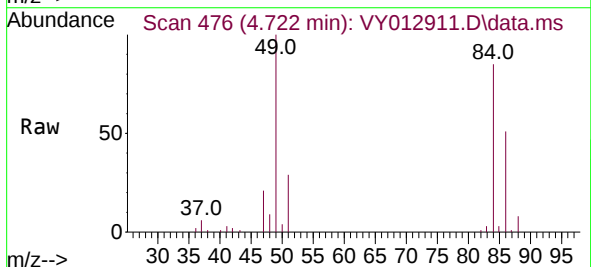
Instrument :
MSVOA_Y
ClientSampleId :

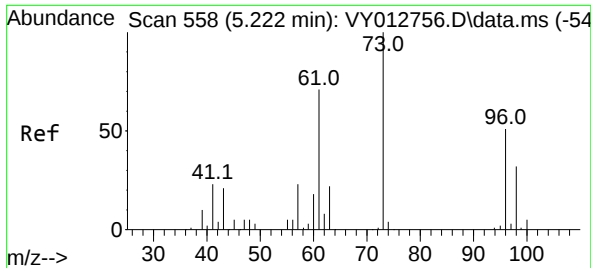
Tgt Ion: 73 Resp: 58880
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5



#20
Methylene Chloride
Concen: 21.121 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

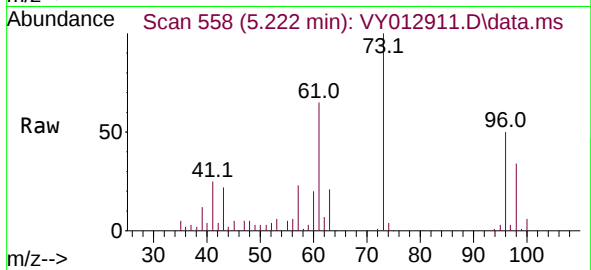
Tgt Ion: 84 Resp: 29136
Ion Ratio Lower Upper
84 100
49 118.2 102.6 154.0
51 34.4 31.9 47.9
86 59.9 51.0 76.6





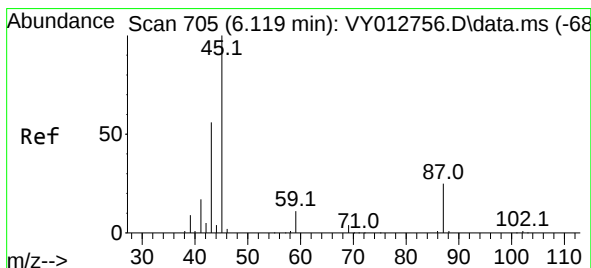
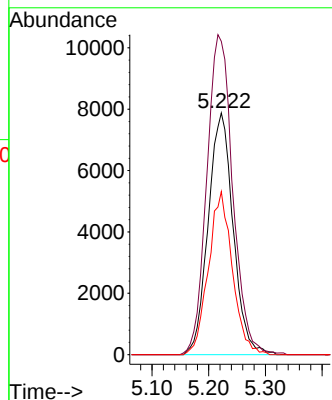
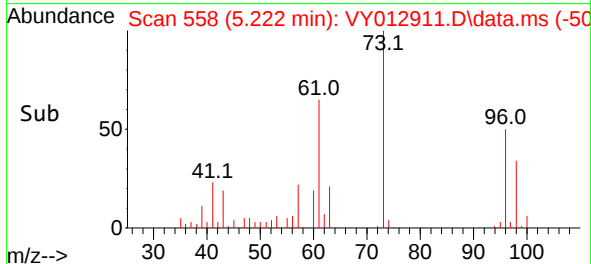
#21
trans-1,2-Dichloroethene
Concen: 21.312 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

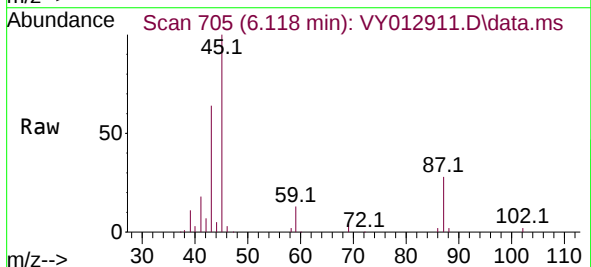


Tgt Ion: 96 Resp: 24122

Ion	Ratio	Lower	Upper
96	100		
61	129.6	111.4	167.0
98	67.4	50.8	76.2

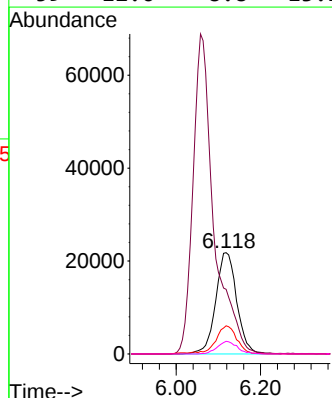
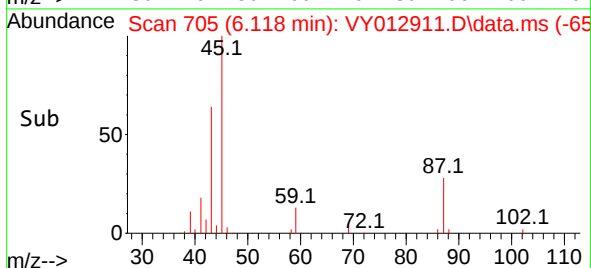


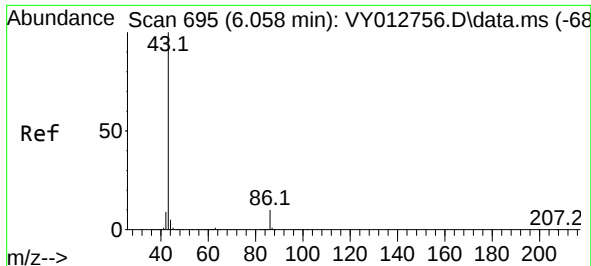
#22
Diisopropyl ether
Concen: 21.612 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23



Tgt Ion: 45 Resp: 75519

Ion	Ratio	Lower	Upper
45	100		
43	63.1	45.0	67.6
87	27.9	20.3	30.5
59	12.6	8.8	13.2

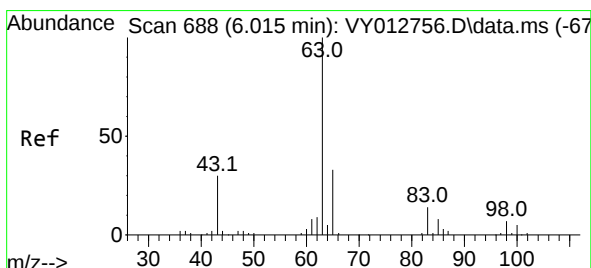
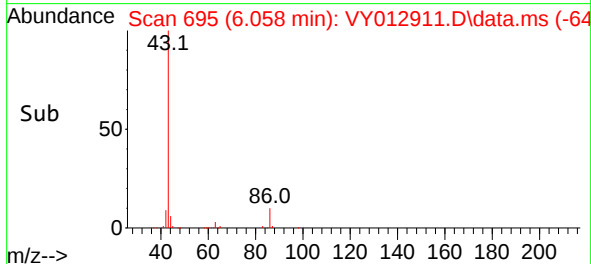
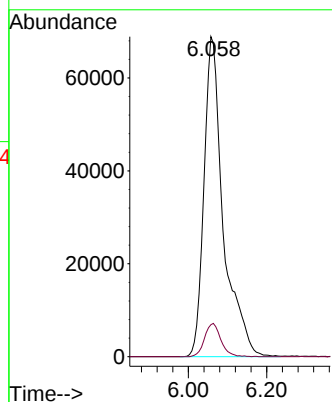
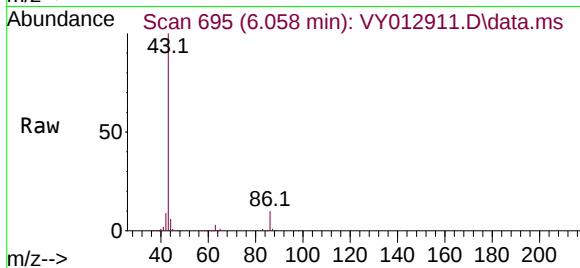




#23
 Vinyl Acetate
 Concen: 108.443 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

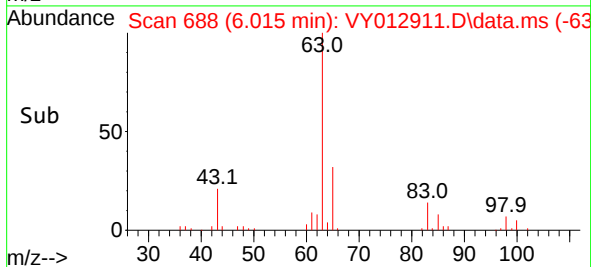
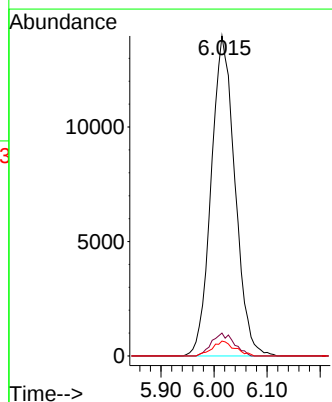
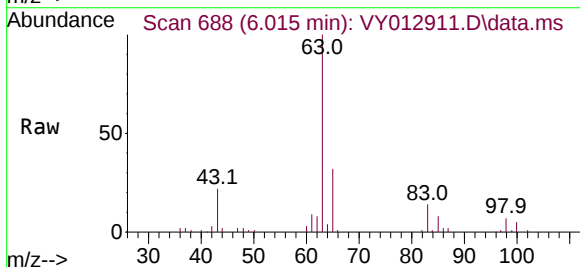
Instrument :
 MSVOA_Y
 ClientSampleId :

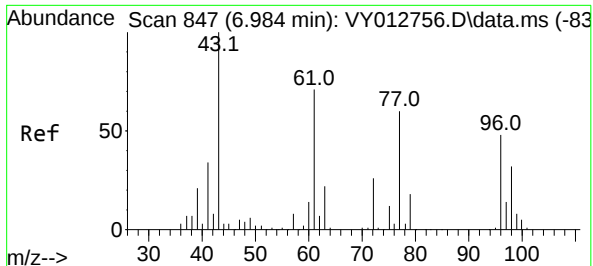
Tgt Ion: 43 Resp: 235450
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.874 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

Tgt Ion: 63 Resp: 43555
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 111.306 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

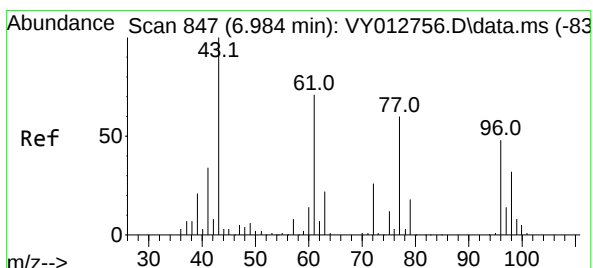
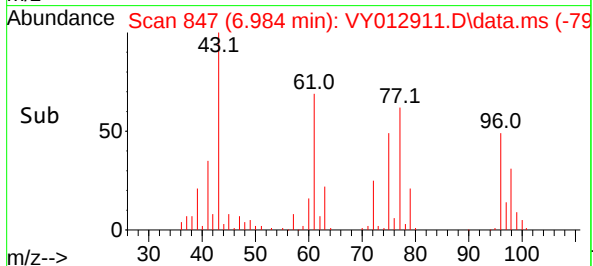
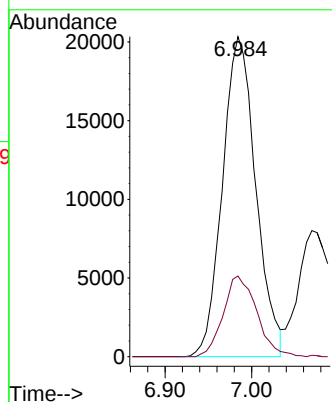
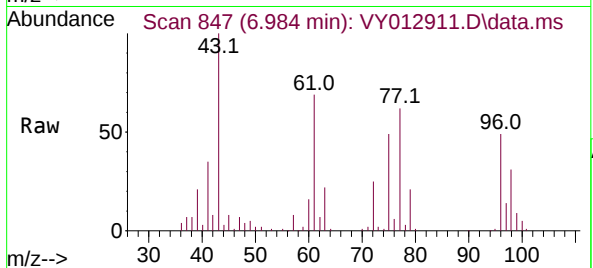
ClientSampleId :

Tgt Ion: 43 Resp: 54339

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.893 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012911.D

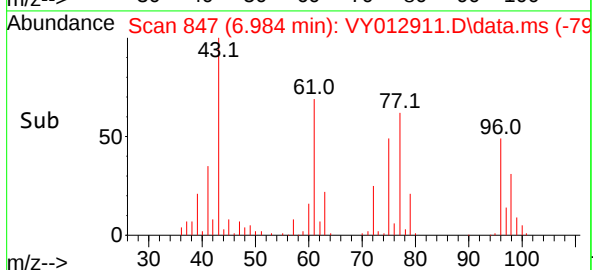
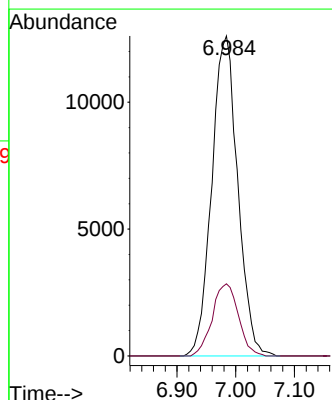
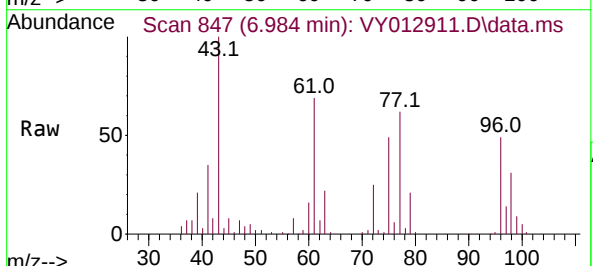
Acq: 10 Mar 2023 11:23

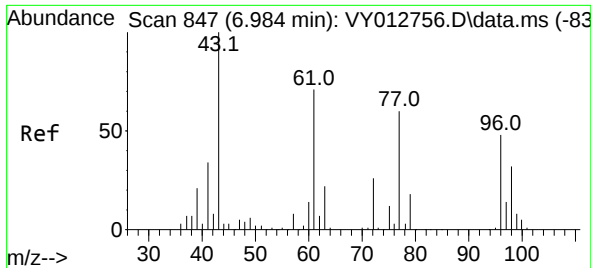
Tgt Ion: 77 Resp: 38717

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0



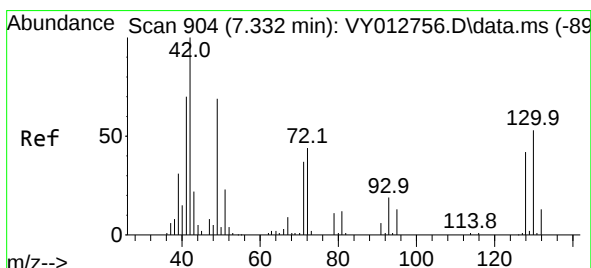
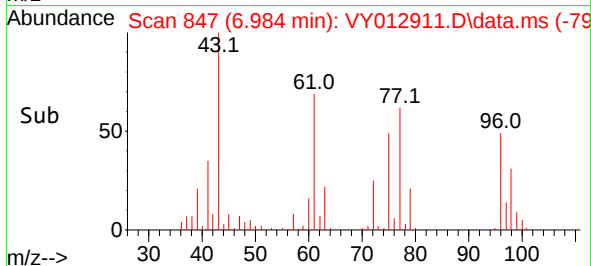
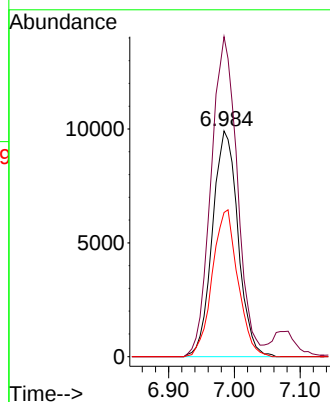
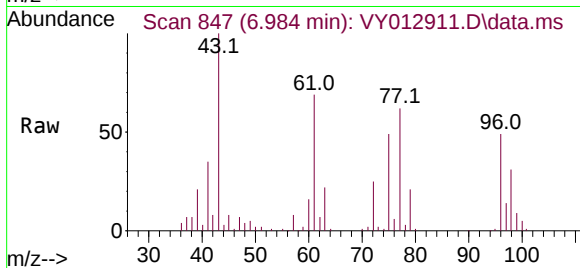


#27
 cis-1,2-Dichloroethene
 Concen: 22.128 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 26852

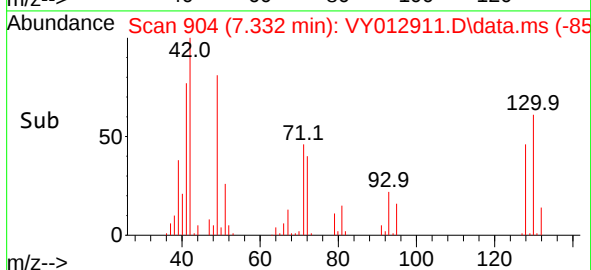
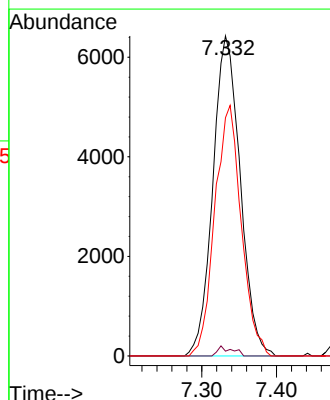
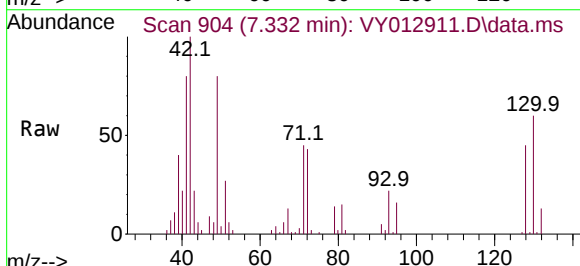
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	295.8
98	65.1	0.0	130.2



#28
 Bromochloromethane
 Concen: 22.491 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

Tgt Ion: 49 Resp: 16366

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	75.8	60.5	90.7





#29

Tetrahydrofuran

Concen: 115.409 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

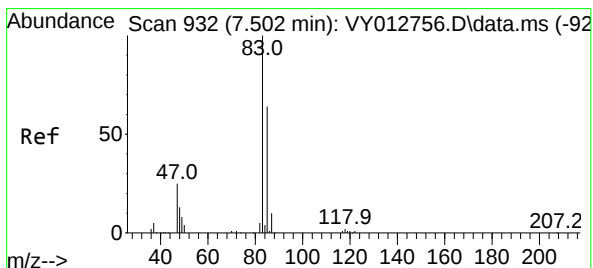
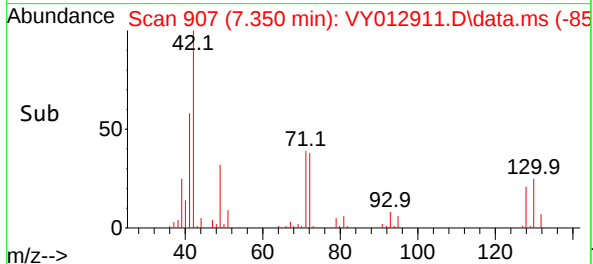
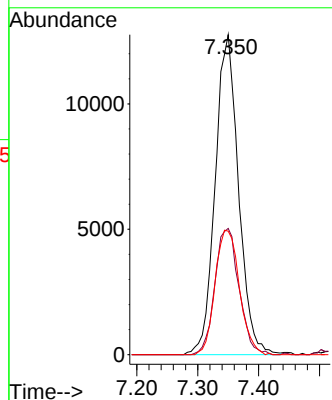
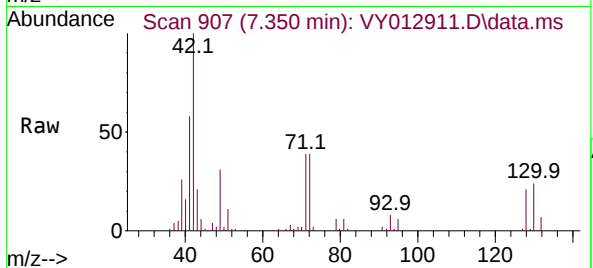
Tgt Ion: 42 Resp: 33981

Ion Ratio Lower Upper

42 100

72 40.8 32.3 48.5

71 40.6 30.3 45.5



#30

Chloroform

Concen: 22.741 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012911.D

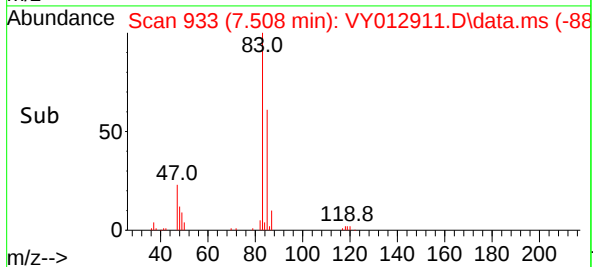
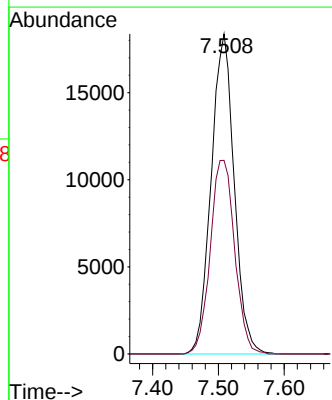
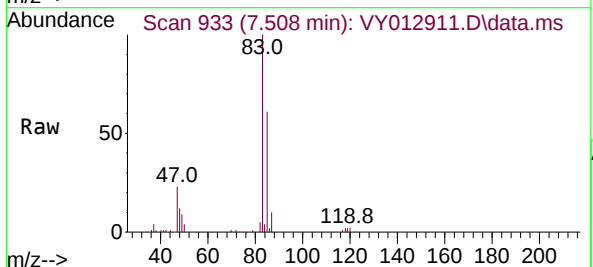
Acq: 10 Mar 2023 11:23

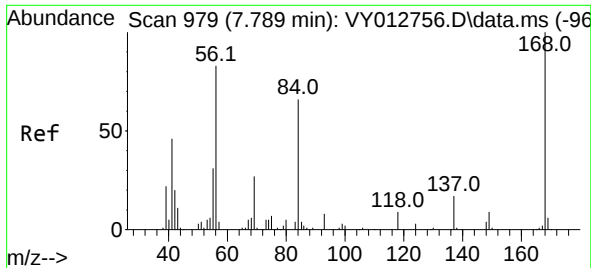
Tgt Ion: 83 Resp: 44727

Ion Ratio Lower Upper

83 100

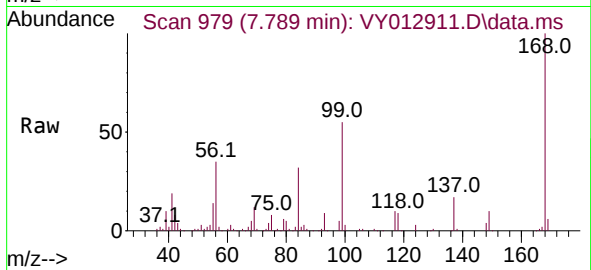
85 60.5 51.4 77.0



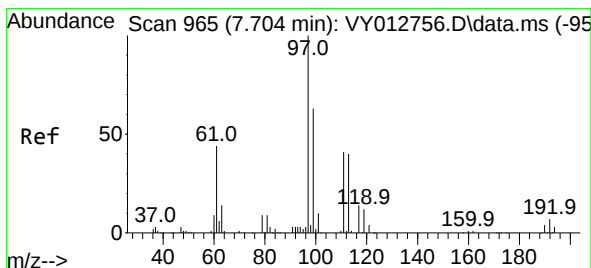
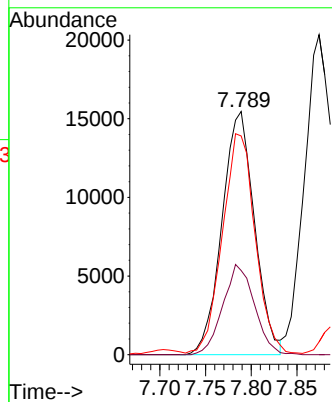
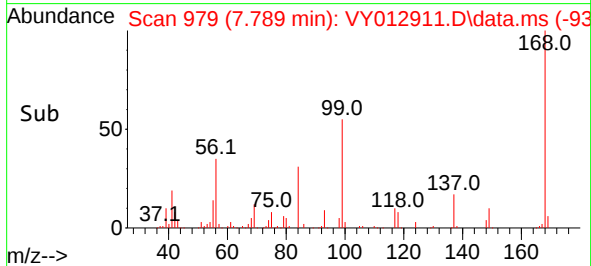


#31
Cyclohexane
Concen: 19.899 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

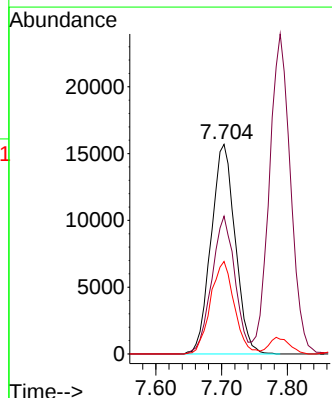
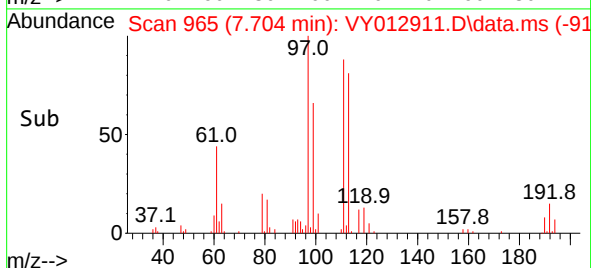
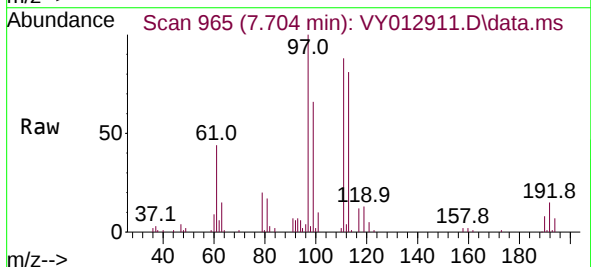


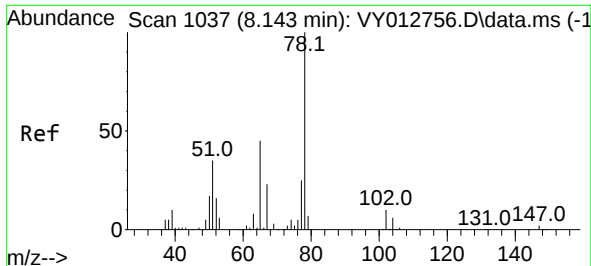
Tgt Ion: 56 Resp: 38271
Ion Ratio Lower Upper
56 100
69 34.6 25.7 38.5
84 88.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.481 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 97 Resp: 39986
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.6
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.930 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

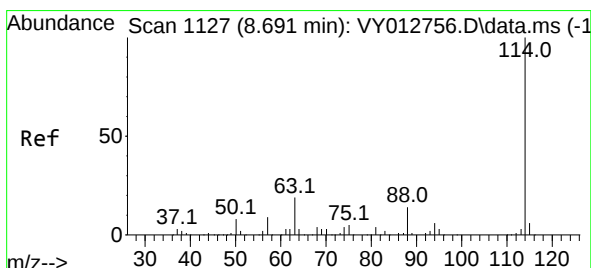
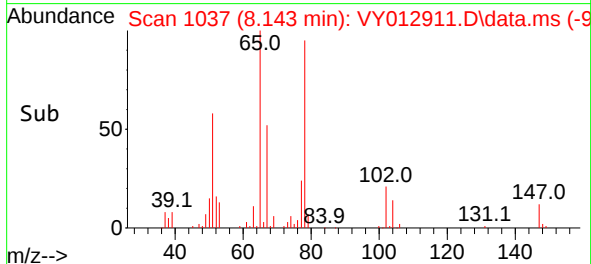
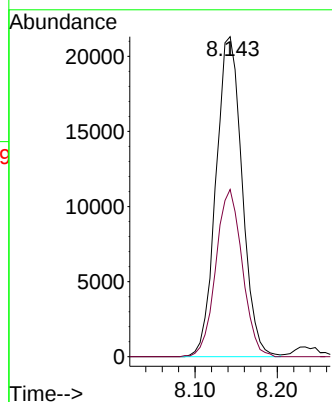
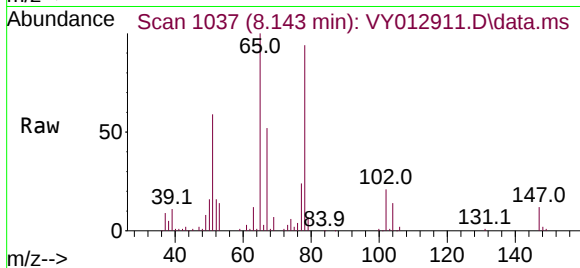
ClientSampleId :

Tgt Ion: 65 Resp: 47127

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

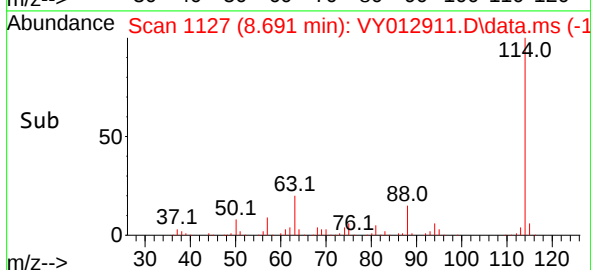
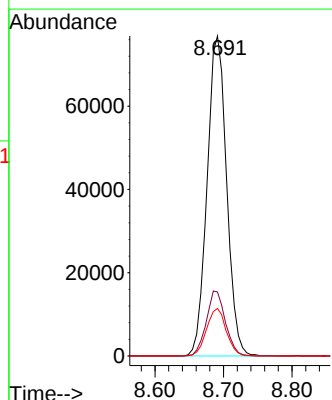
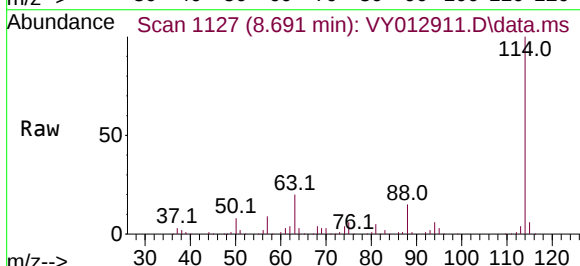
Tgt Ion: 114 Resp: 152288

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.9 0.0 28.6

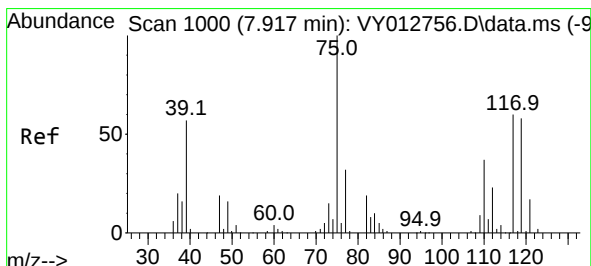
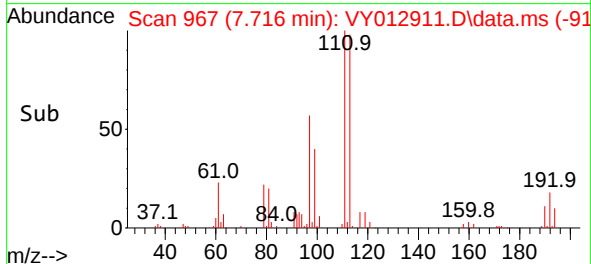
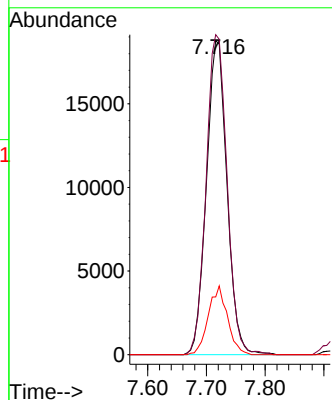
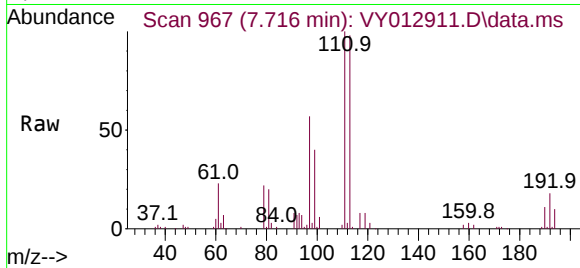




#35
Dibromofluoromethane
Concen: 49.703 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

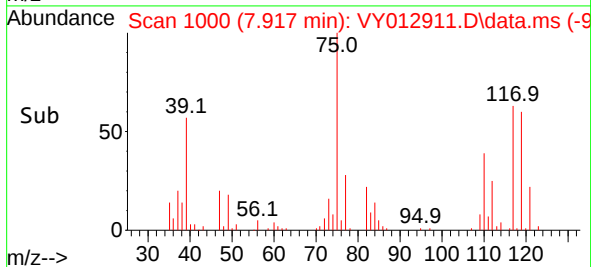
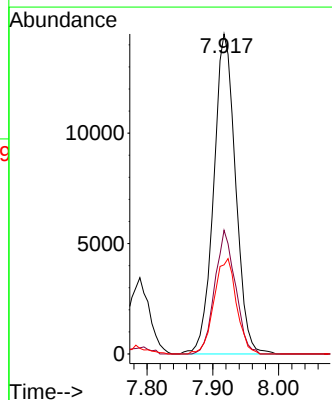
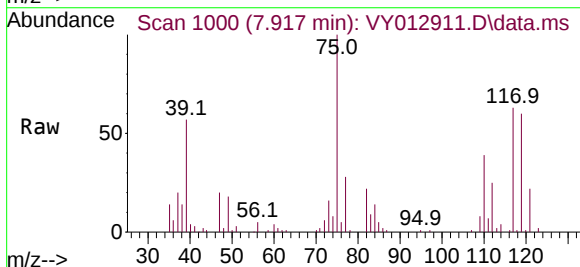
Instrument :
MSVOA_Y
ClientSampleId :

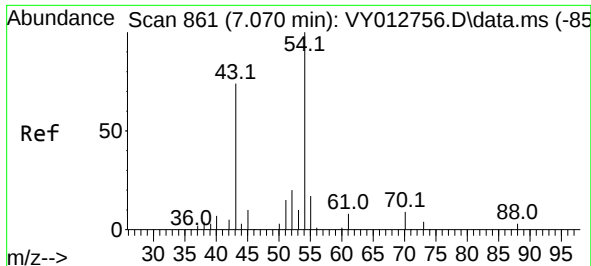
Tgt Ion:113 Resp: 45680
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.777 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 75 Resp: 33540
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.3
77 30.6 25.0 37.4

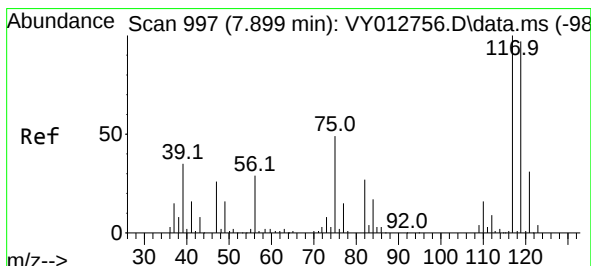
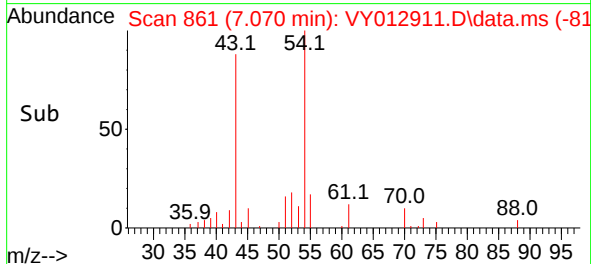
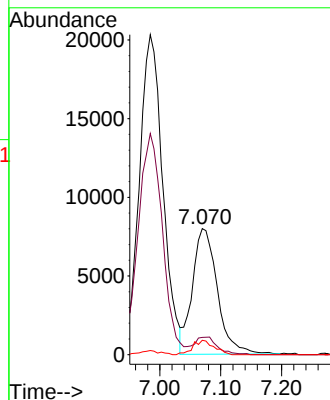
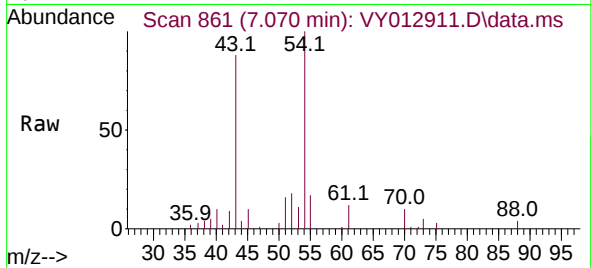




#37
Ethyl Acetate
Concen: 23.427 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

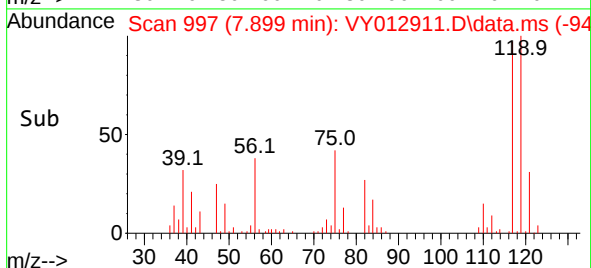
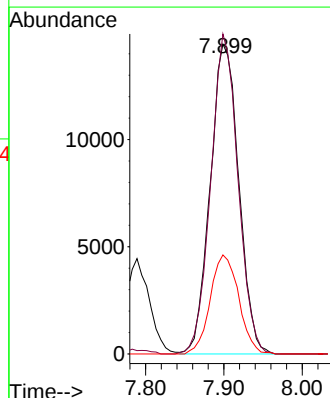
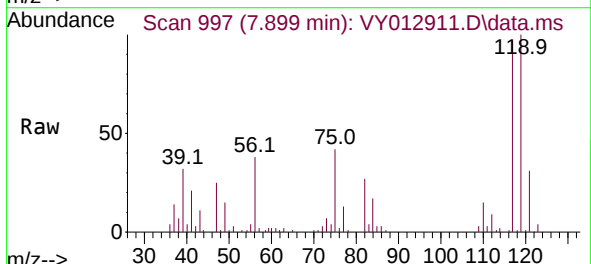
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 22741
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 23.016 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 117 Resp: 36605
Ion Ratio Lower Upper
117 100
119 103.3 77.2 115.8
121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 21.423 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

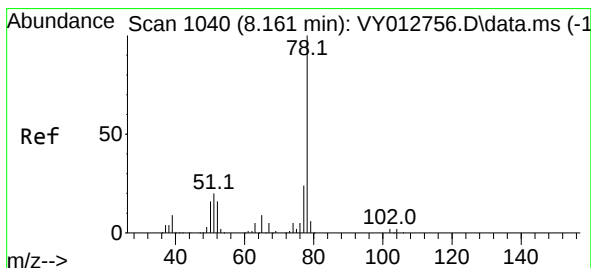
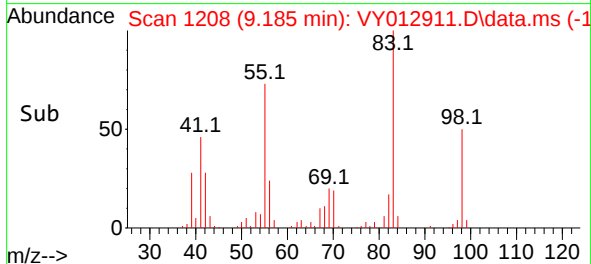
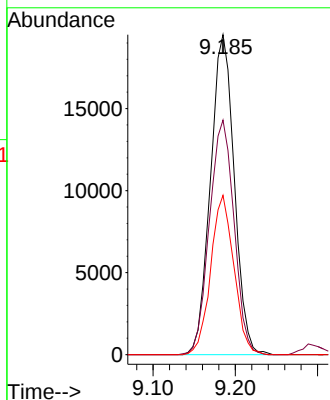
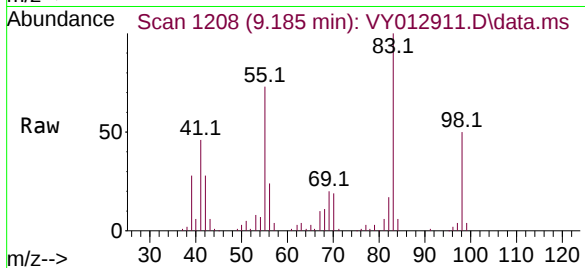
Tgt Ion: 83 Resp: 39226

Ion Ratio Lower Upper

83 100

55 73.3 60.0 90.0

98 49.8 38.3 57.5



#40

Benzene

Concen: 22.372 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012911.D

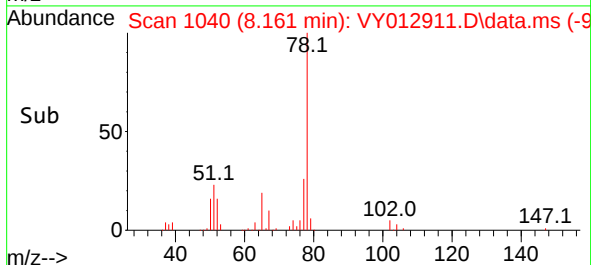
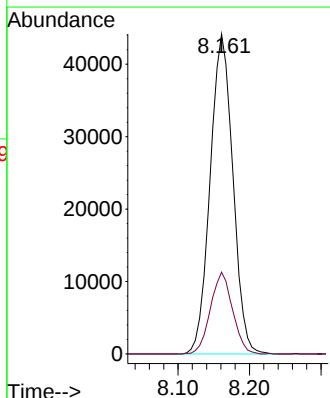
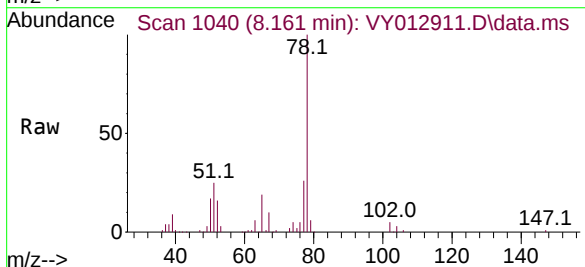
Acq: 10 Mar 2023 11:23

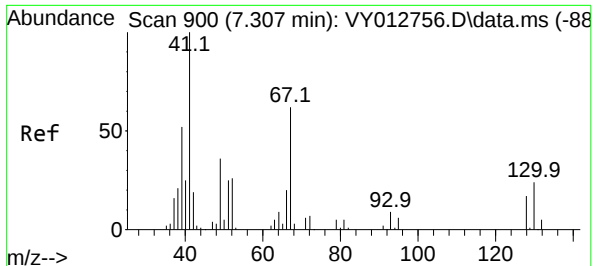
Tgt Ion: 78 Resp: 97468

Ion Ratio Lower Upper

78 100

77 25.5 19.4 29.0

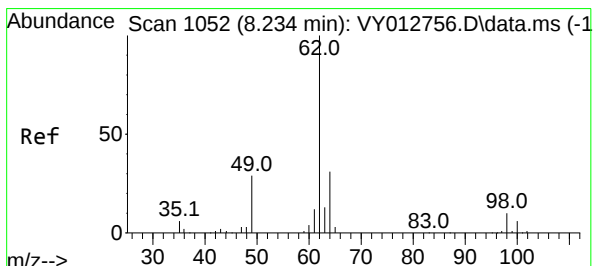
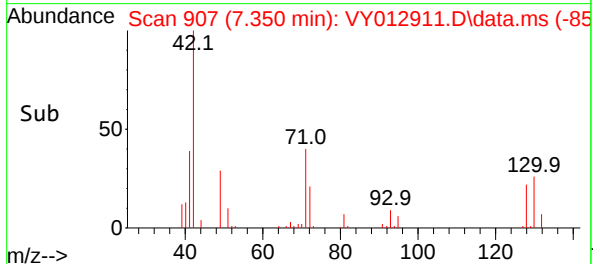
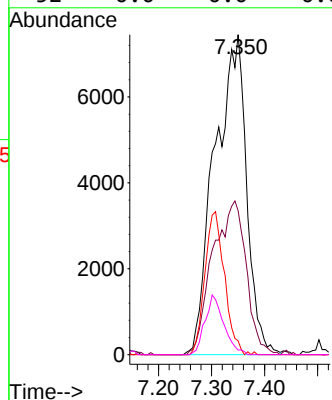
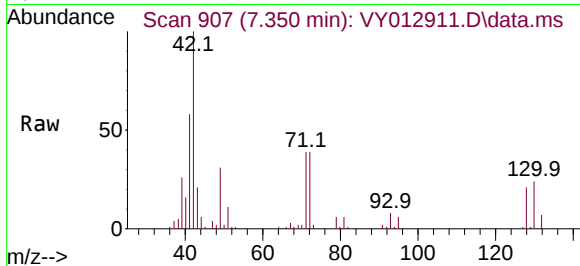




#41
Methacrylonitrile
Concen: 59.235 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

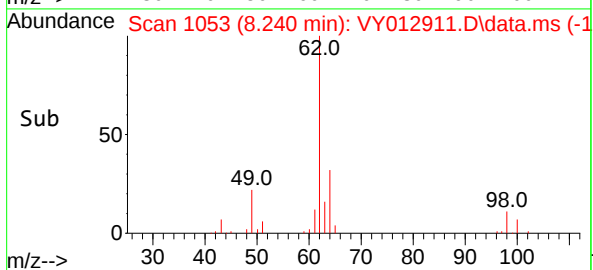
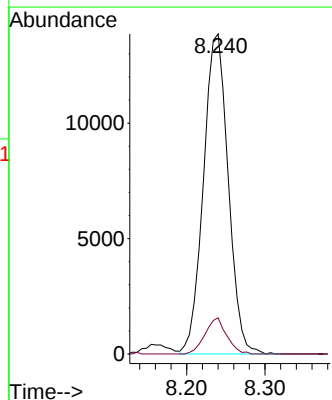
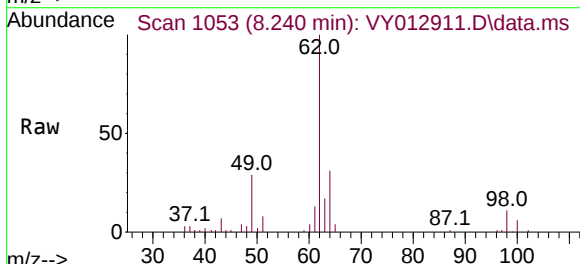
Instrument :
MSVOA_Y
ClientSampleId :

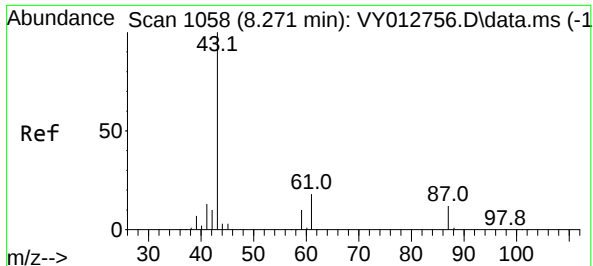
Tgt Ion: 41 Resp: 30980
Ion Ratio Lower Upper
41 100
39 50.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 23.283 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 62 Resp: 30496
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.8





#43

Isopropyl Acetate

Concen: 22.508 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY012911.D

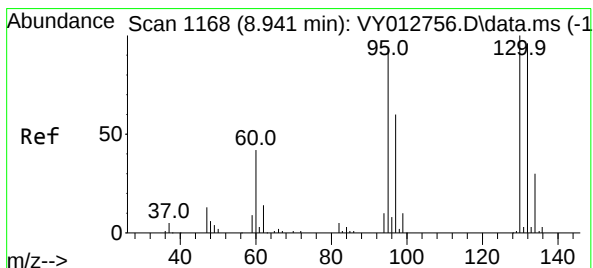
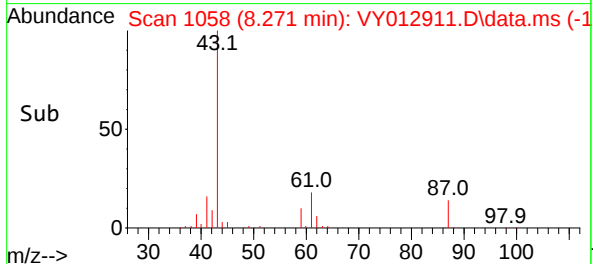
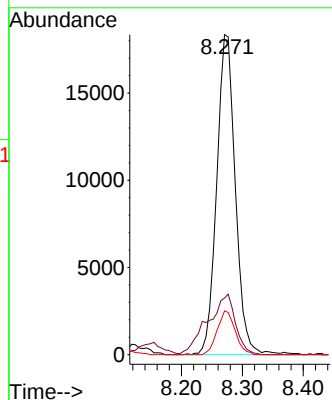
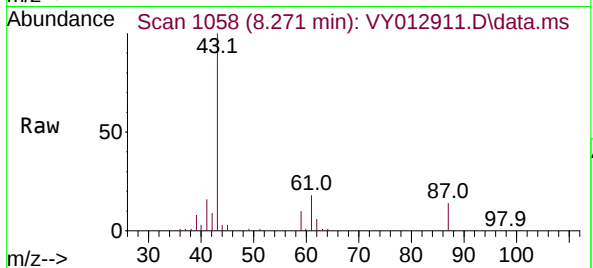
Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 38982
Ion Ratio	Lower Upper
43	100
61	28.2 21.6 32.4
87	13.2 9.9 14.9



#44

Trichloroethene

Concen: 22.780 ug/l

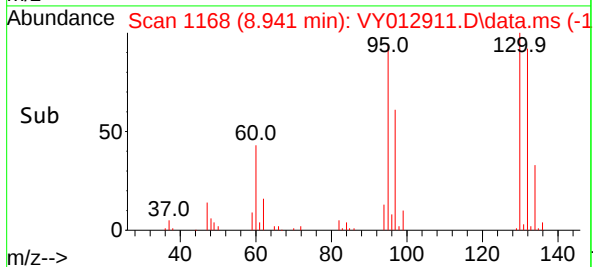
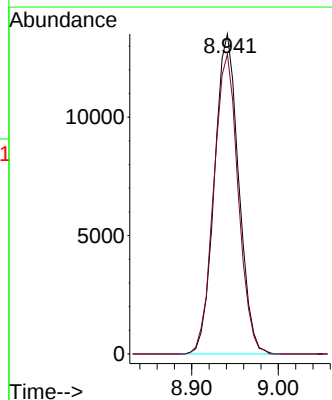
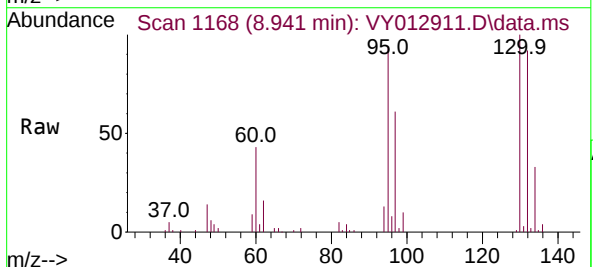
RT: 8.941 min Scan# 1168

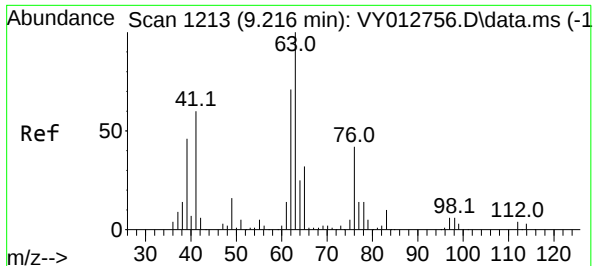
Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Tgt Ion: 130	Resp: 26166
Ion Ratio	Lower Upper
130	100
95	93.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.816 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

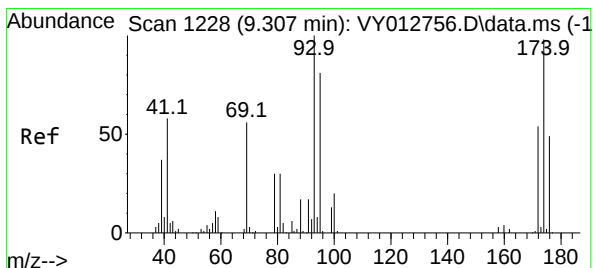
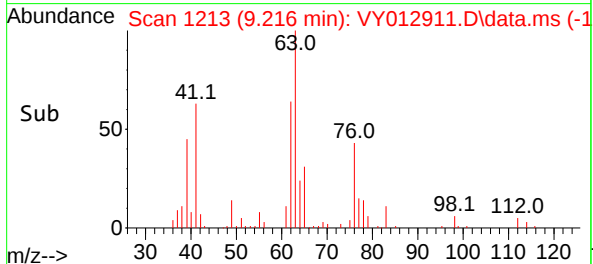
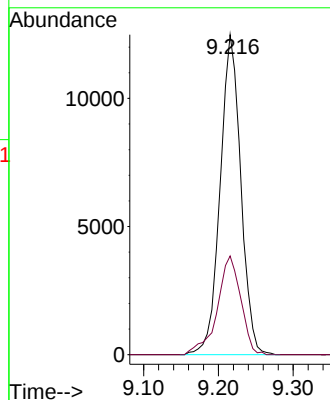
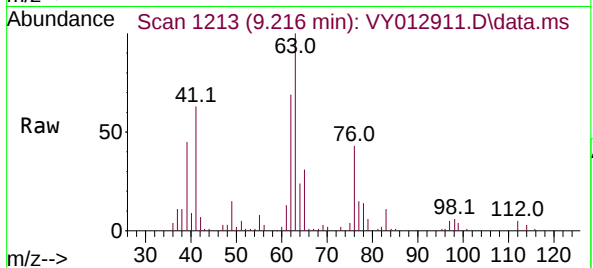
ClientSampleId :

Tgt Ion: 63 Resp: 24020

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 23.780 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

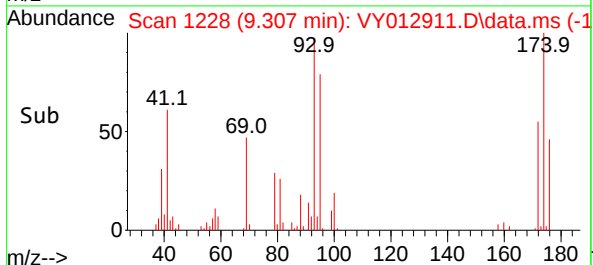
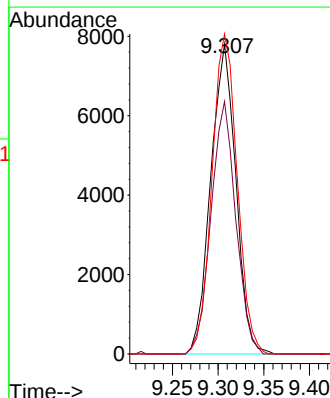
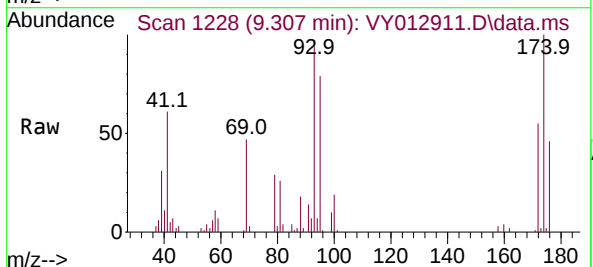
Tgt Ion: 93 Resp: 14916

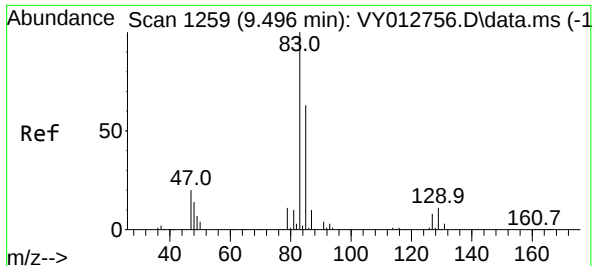
Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

174 103.6 81.3 121.9

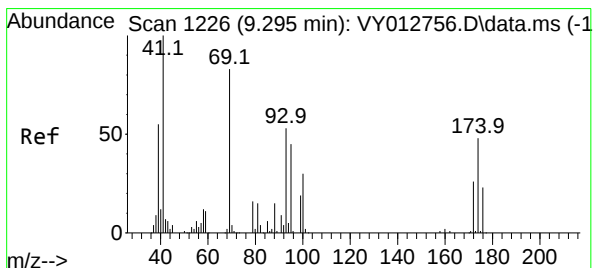
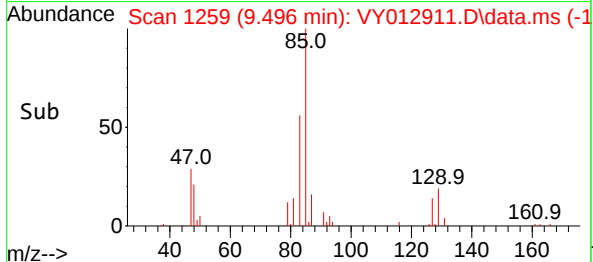
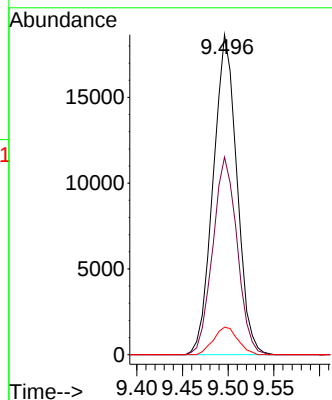
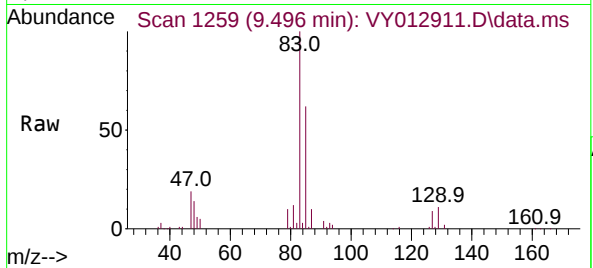




#47
Bromodichloromethane
Concen: 22.800 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

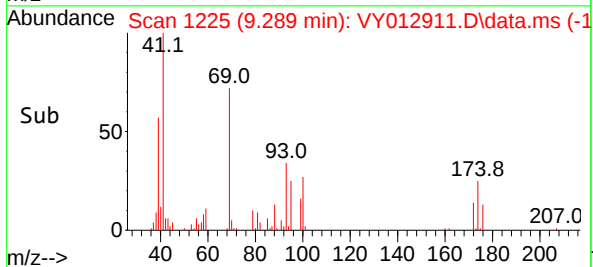
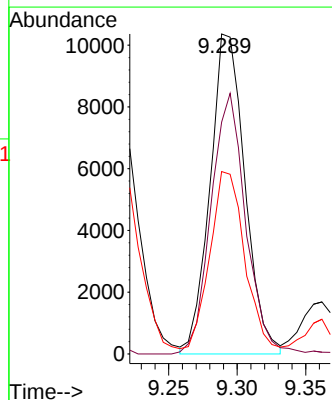
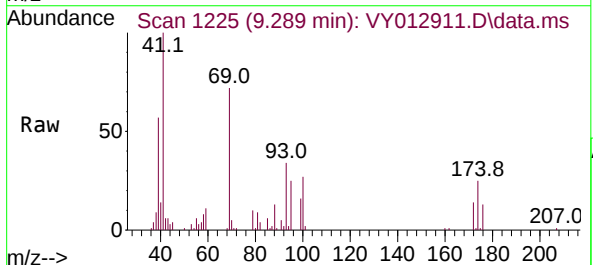
Instrument :
MSVOA_Y
ClientSampleId :

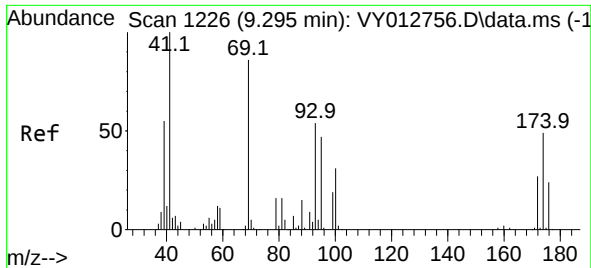
Tgt Ion: 83 Resp: 33702
Ion Ratio Lower Upper
83 100
85 61.7 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 22.988 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 41 Resp: 18345
Ion Ratio Lower Upper
41 100
69 81.5 64.1 96.1
39 55.1 44.0 66.0





#49

1,4-Dioxane

Concen: 529.170 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

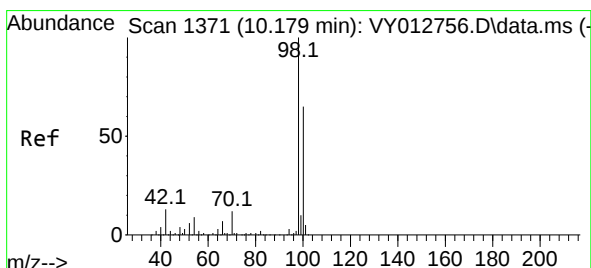
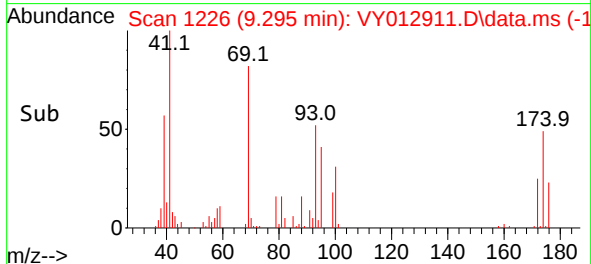
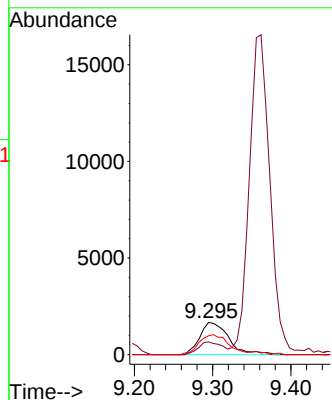
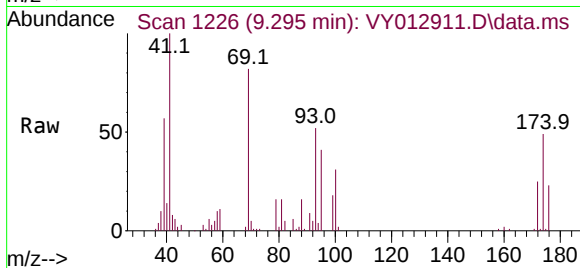
Tgt Ion: 88 Resp: 4291

Ion Ratio Lower Upper

88 100

43 32.3 28.6 42.8

58 62.1 55.2 82.8



#50

Toluene-d8

Concen: 47.139 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012911.D

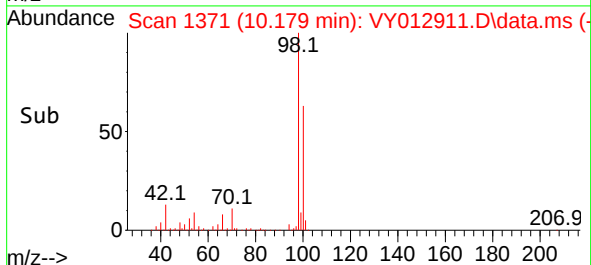
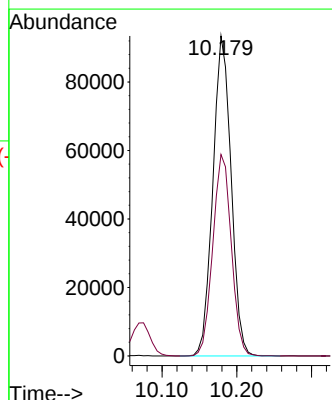
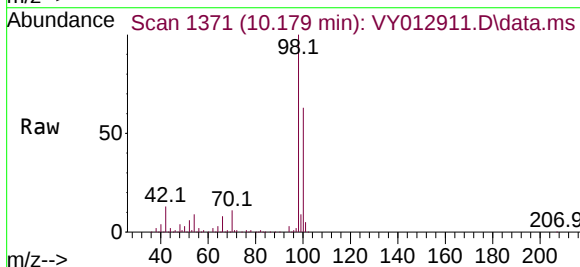
Acq: 10 Mar 2023 11:23

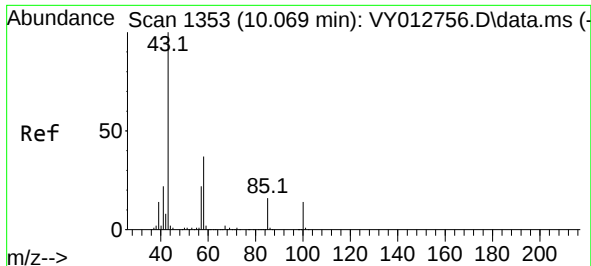
Tgt Ion: 98 Resp: 158381

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3

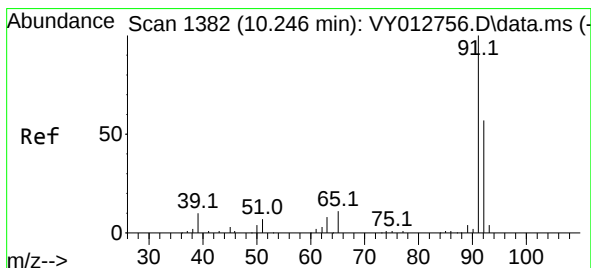
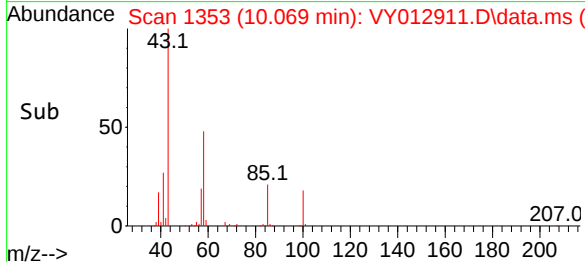
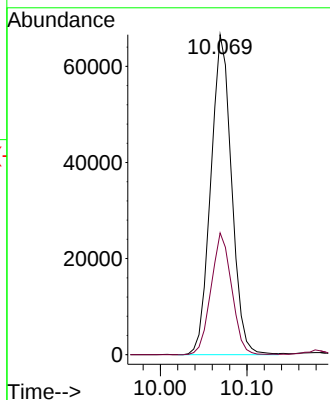
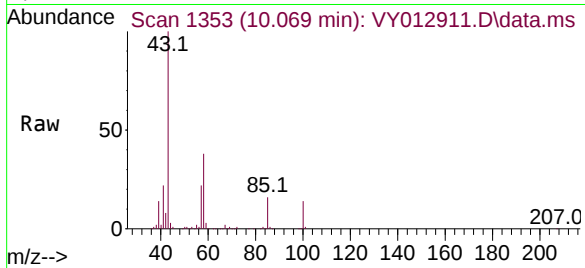




#51
4-Methyl-2-Pentanone
Concen: 118.231 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

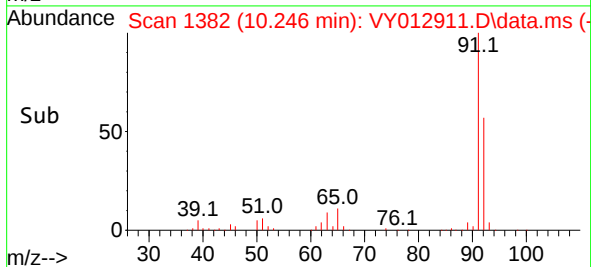
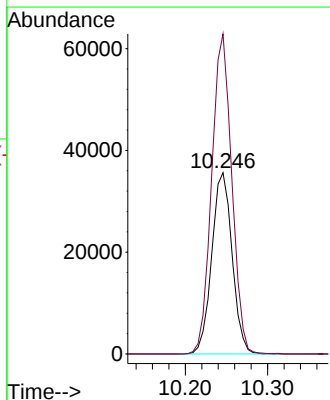
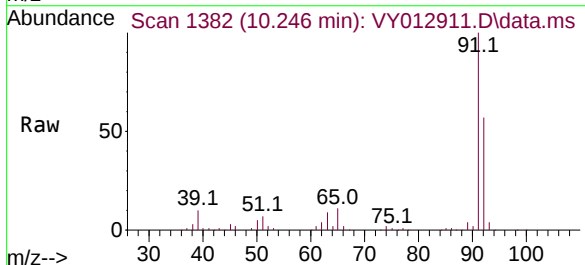
Instrument :
MSVOA_Y
ClientSampleId :

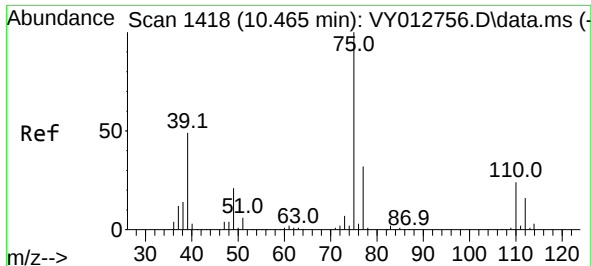
Tgt Ion: 43 Resp: 111071
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6



#52
Toluene
Concen: 23.269 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 92 Resp: 61136
Ion Ratio Lower Upper
92 100
91 174.6 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 22.824 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

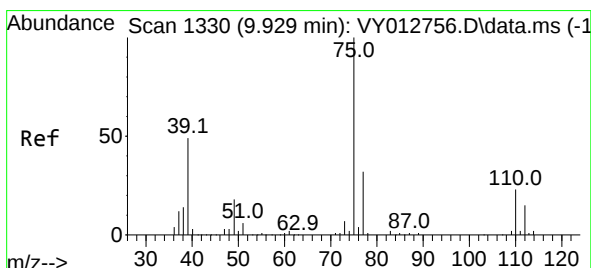
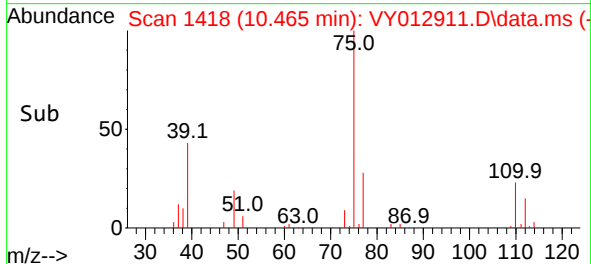
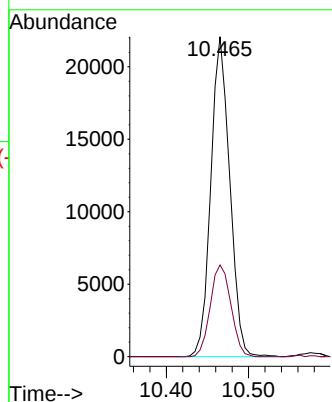
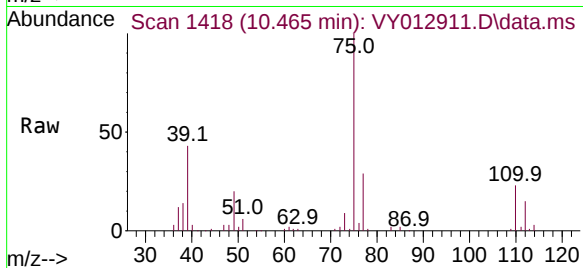
ClientSampleId :

Tgt Ion: 75 Resp: 35387

Ion Ratio Lower Upper

75 100

77 28.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 22.410 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

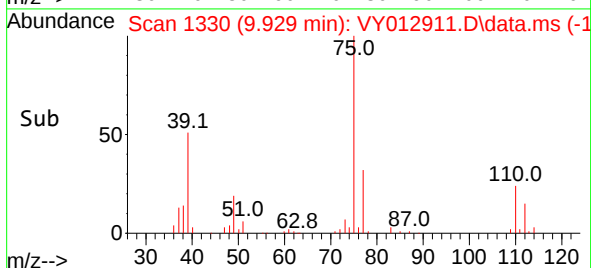
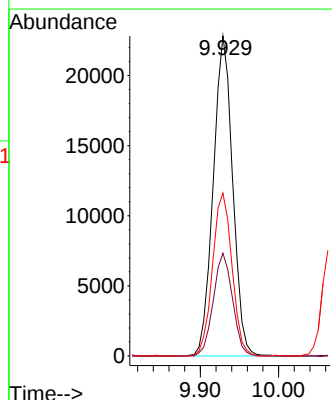
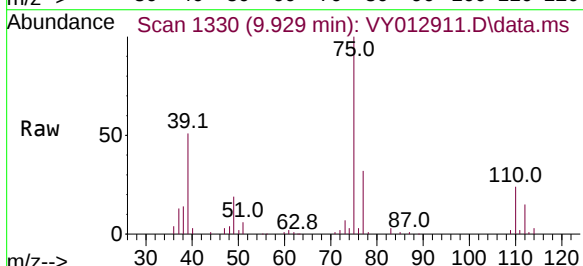
Tgt Ion: 75 Resp: 39328

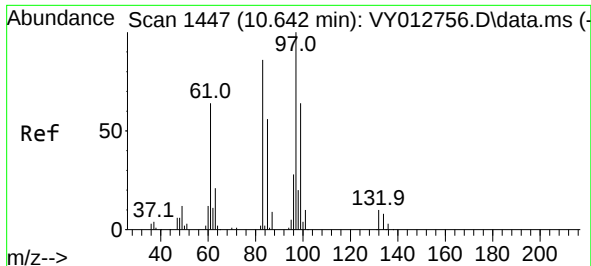
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 50.9 39.0 58.4

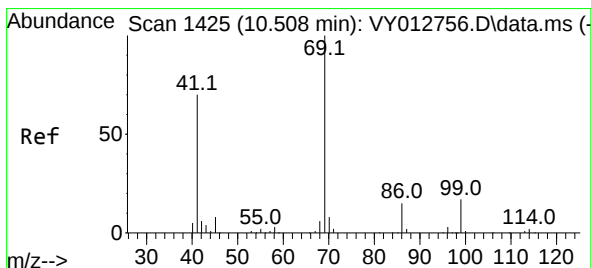
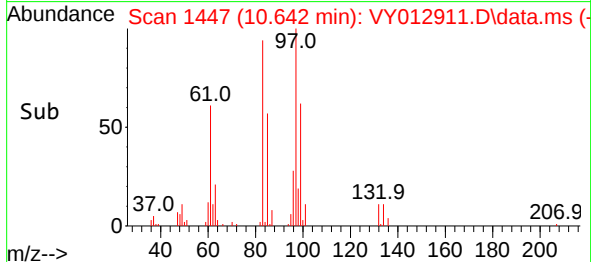
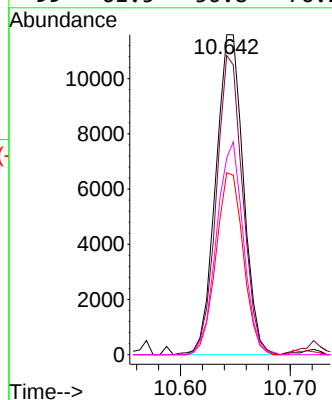
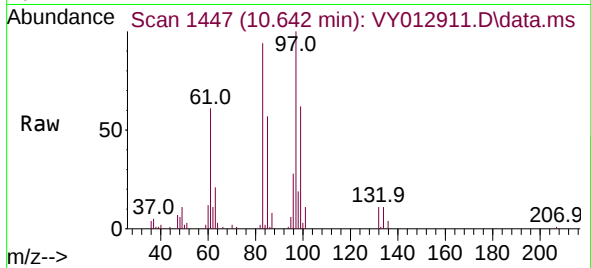




#55
1,1,2-Trichloroethane
Concen: 23.159 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

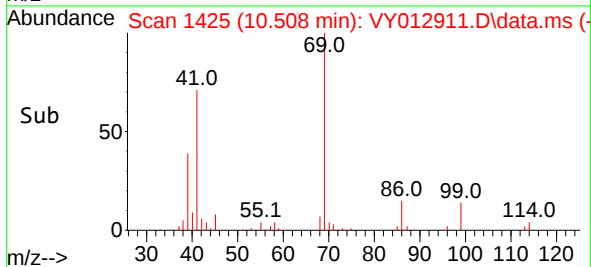
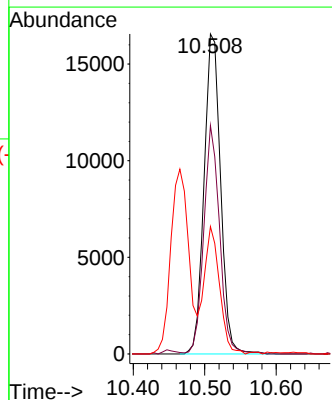
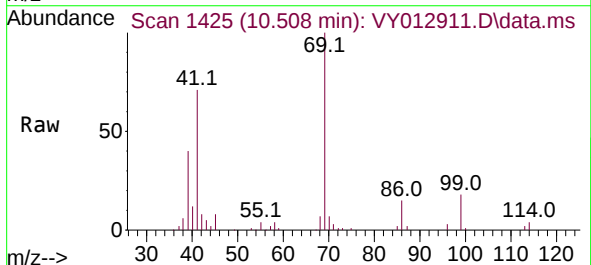
Instrument :
MSVOA_Y
ClientSampleId :

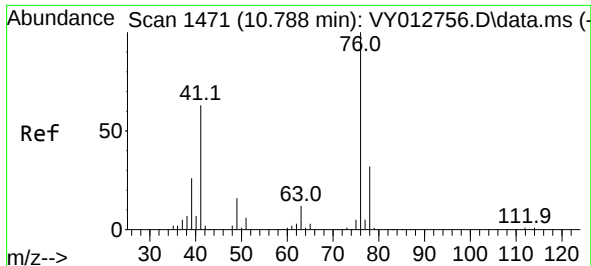
Tgt Ion:	97	Resp:	20231
Ion	Ratio	Lower	Upper
97	100		
83	93.5	69.0	103.6
85	56.9	44.9	67.3
99	61.5	50.8	76.2



#56
Ethyl methacrylate
Concen: 22.807 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion:	69	Resp:	26565
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.4	84.6
39	36.9	30.8	46.2





#57

1,3-Dichloropropane

Concen: 23.239 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

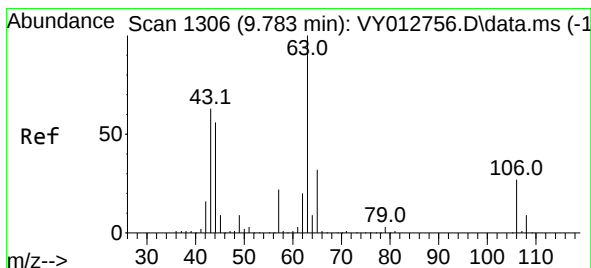
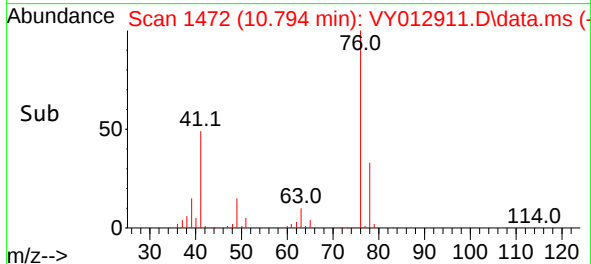
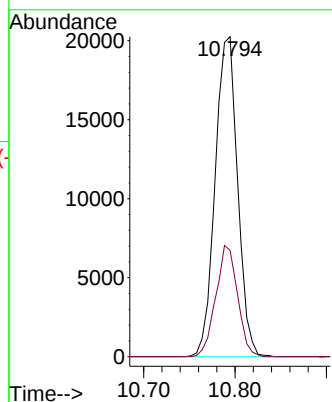
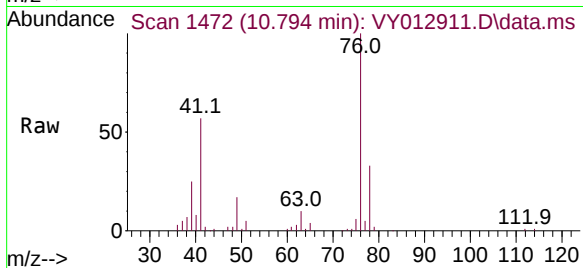
ClientSampleId :

Tgt Ion: 76 Resp: 34577

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 114.060 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012911.D

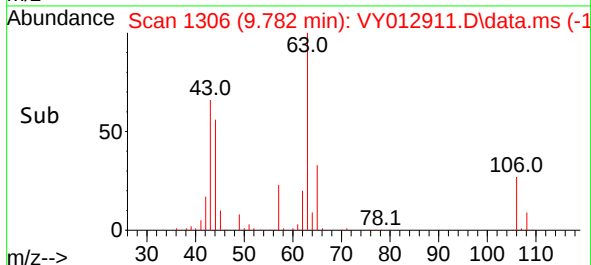
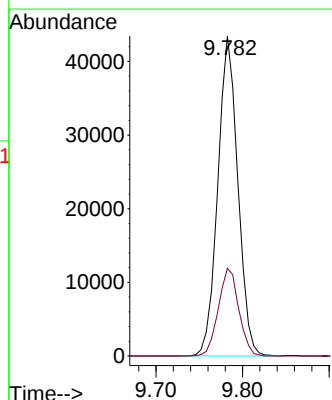
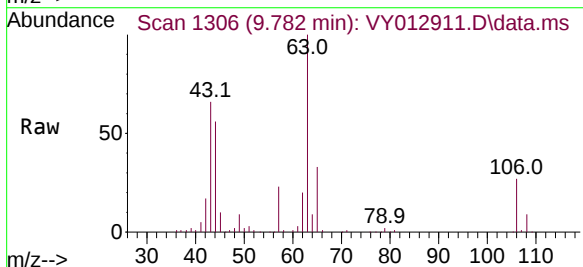
Acq: 10 Mar 2023 11:23

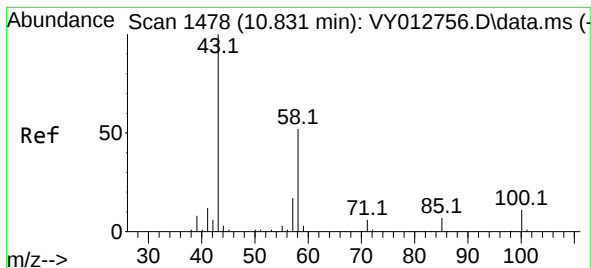
Tgt Ion: 63 Resp: 69744

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

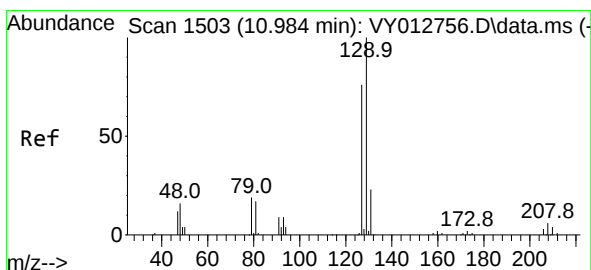
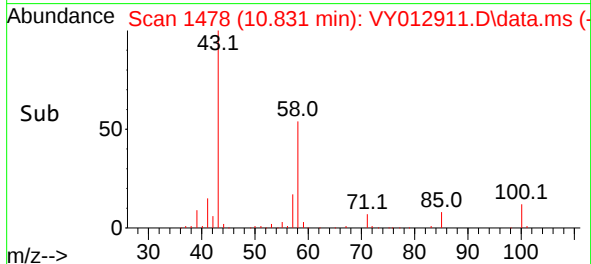
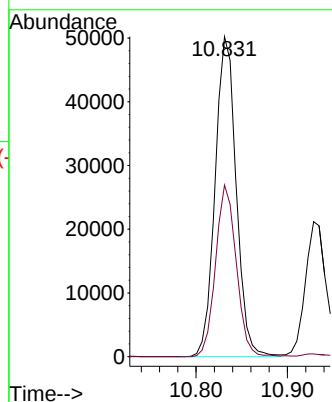
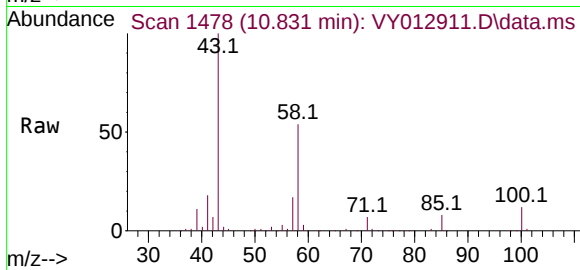




#59
2-Hexanone
Concen: 117.871 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

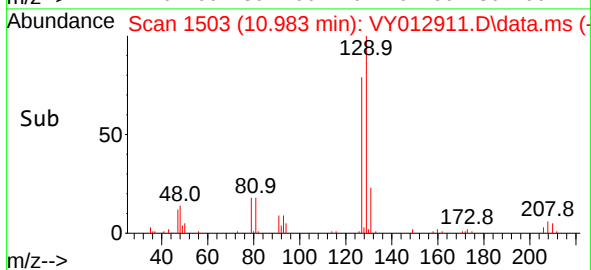
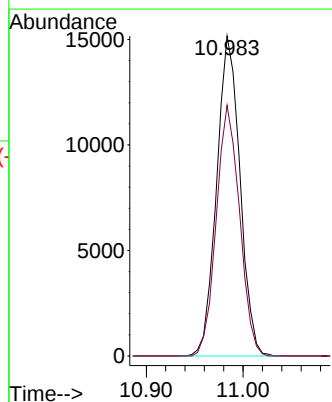
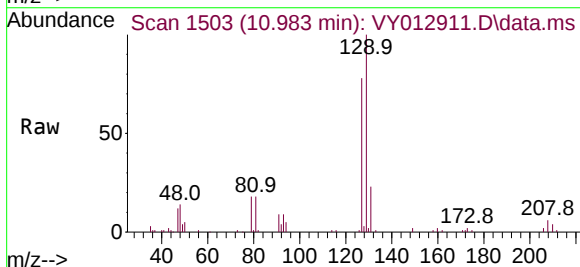
Instrument :
MSVOA_Y
ClientSampleId :

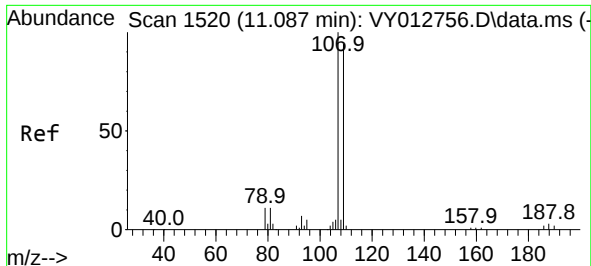
Tgt Ion: 43 Resp: 80479
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8



#60
Dibromochloromethane
Concen: 23.850 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 129 Resp: 25361
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

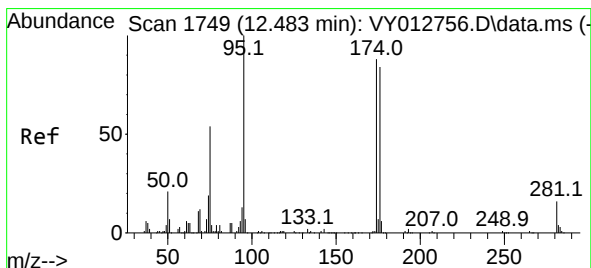
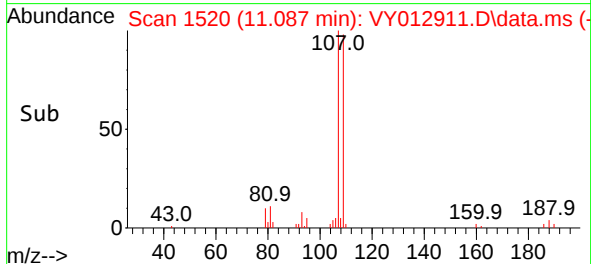
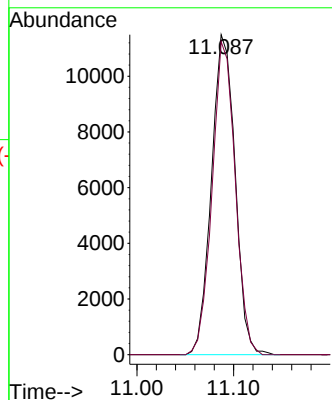
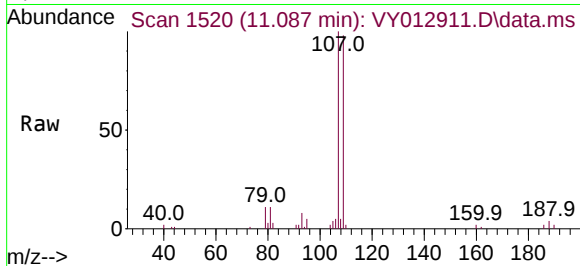




#61
1,2-Dibromoethane
Concen: 23.196 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

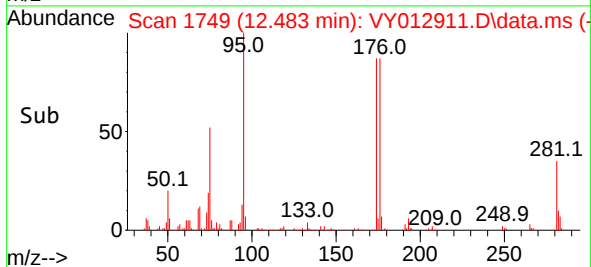
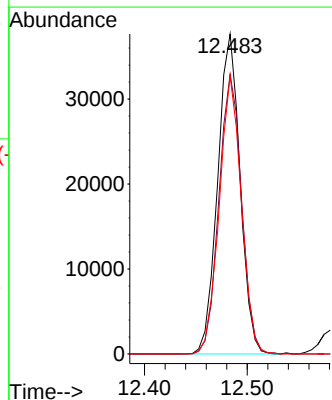
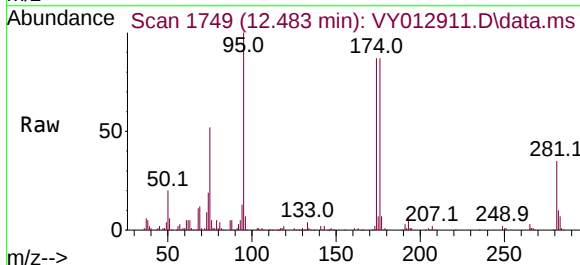
Instrument :
MSVOA_Y
ClientSampleId :

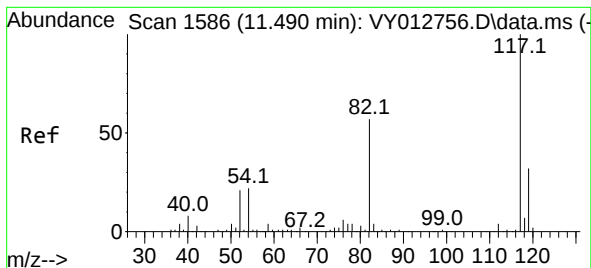
Tgt Ion:107 Resp: 19519
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.048 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 95 Resp: 56757
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 85.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

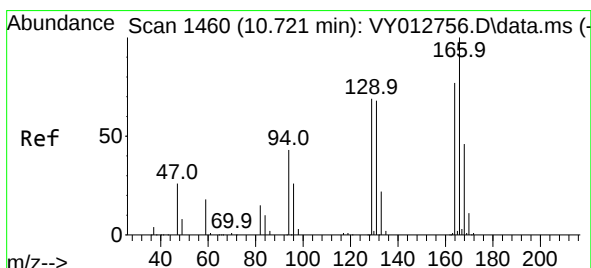
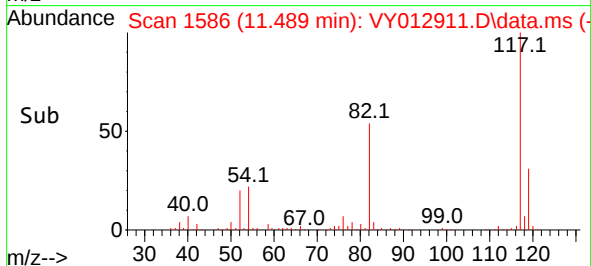
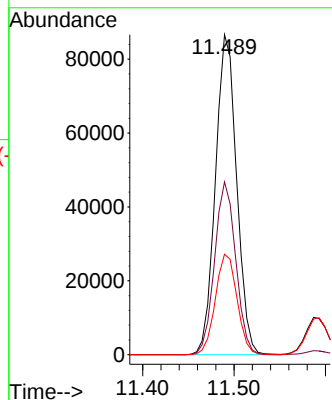
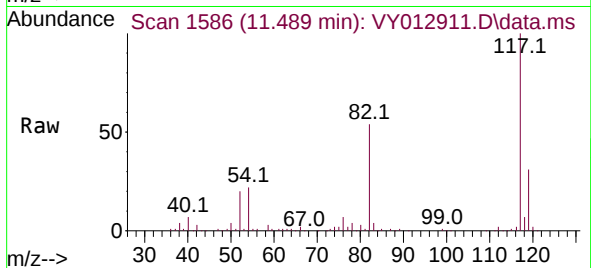
Tgt Ion:117 Resp: 139704

Ion Ratio Lower Upper

117 100

82 54.0 45.4 68.0

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 22.409 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Tgt Ion:164 Resp: 22793

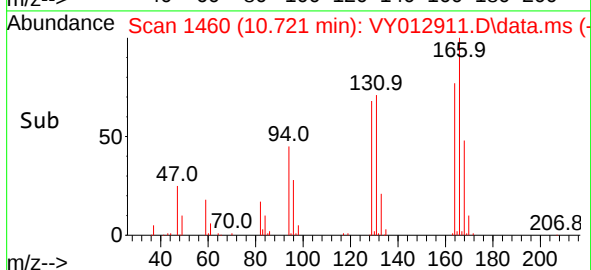
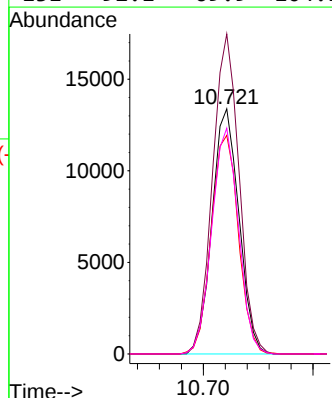
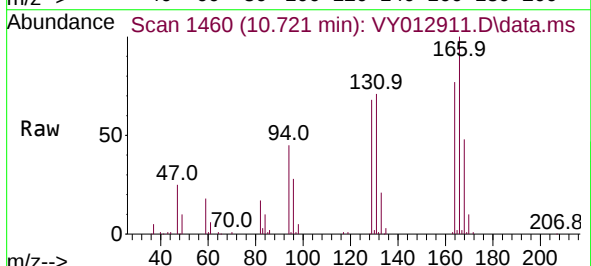
Ion Ratio Lower Upper

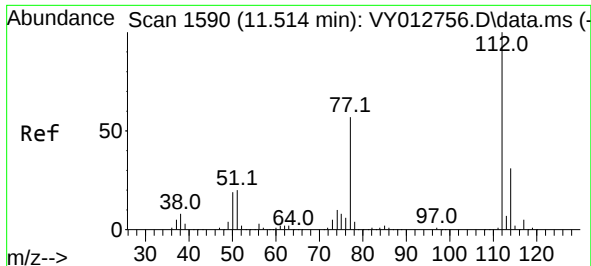
164 100

166 130.6 103.4 155.2

129 89.2 71.4 107.2

131 92.1 69.9 104.9

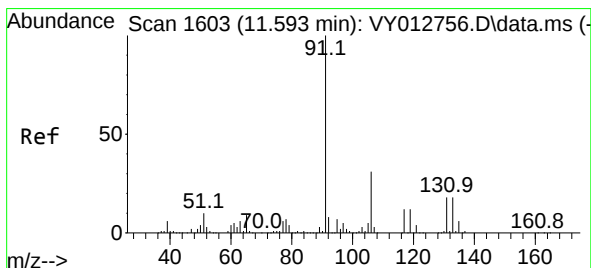
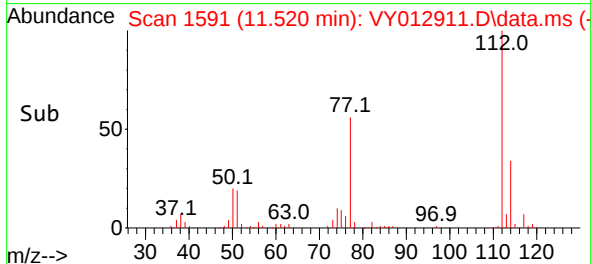
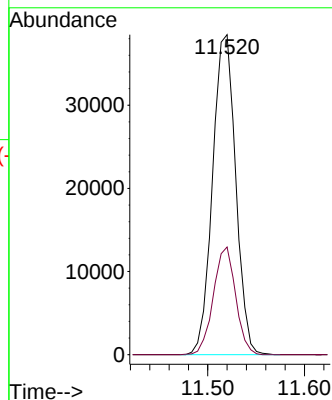
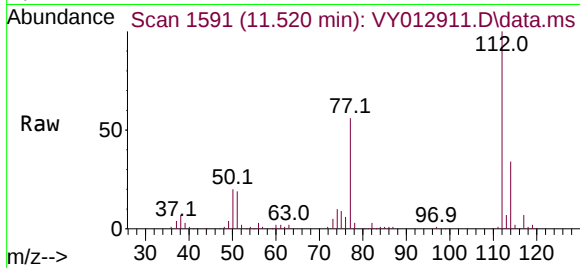




#65
Chlorobenzene
Concen: 21.794 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

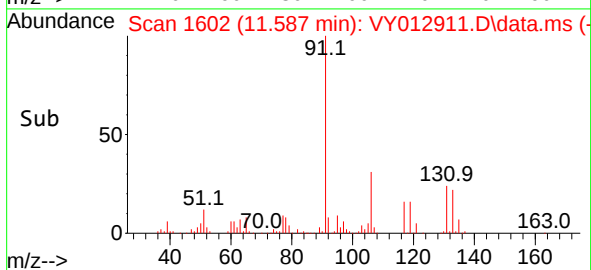
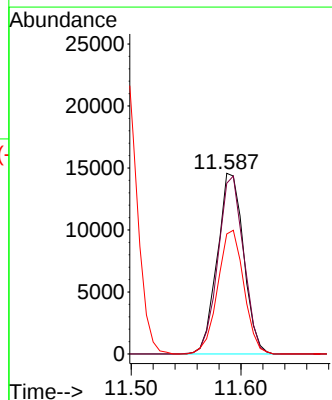
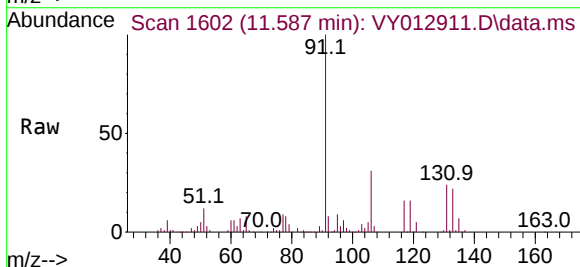
Instrument :
MSVOA_Y
ClientSampleId :

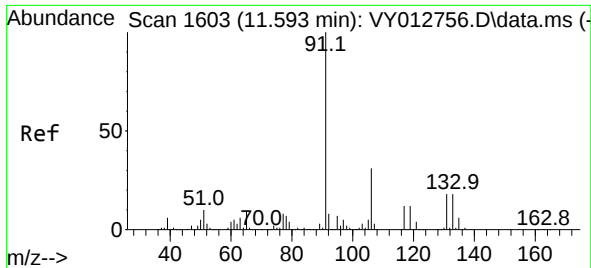
Tgt Ion:112 Resp: 63900
Ion Ratio Lower Upper
112 100
114 33.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.408 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion:131 Resp: 24312
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 68.1 32.6 98.0

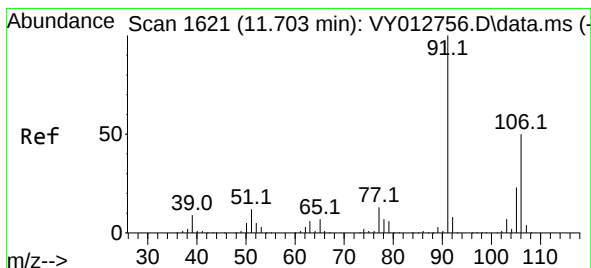
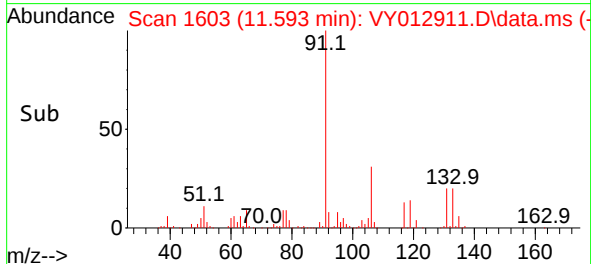
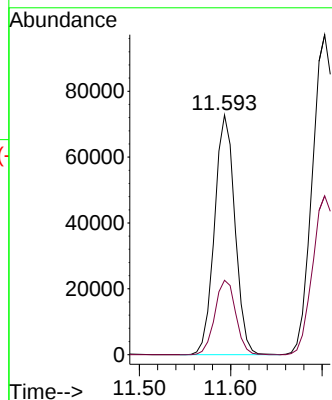
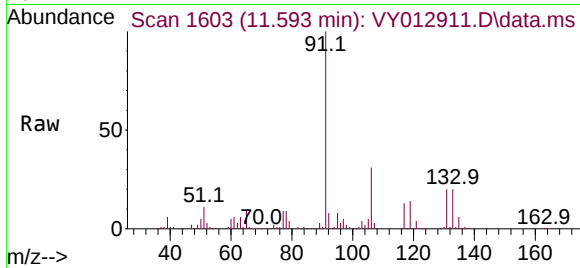




#67
Ethyl Benzene
Concen: 21.898 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

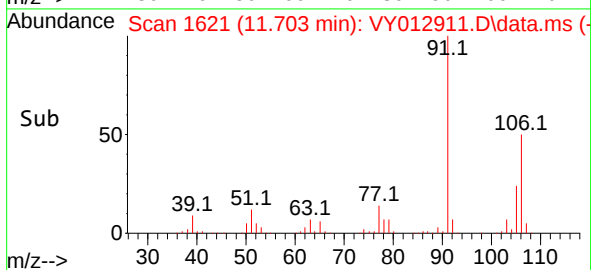
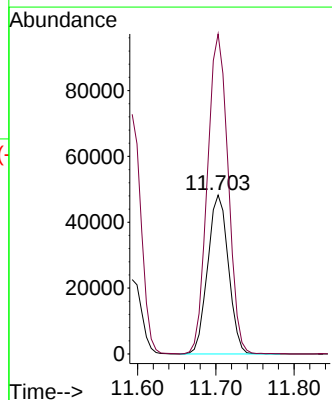
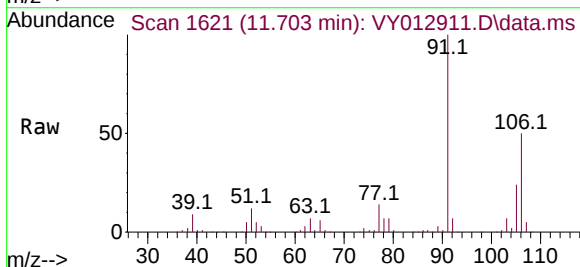
Instrument :
MSVOA_Y
ClientSampleId :

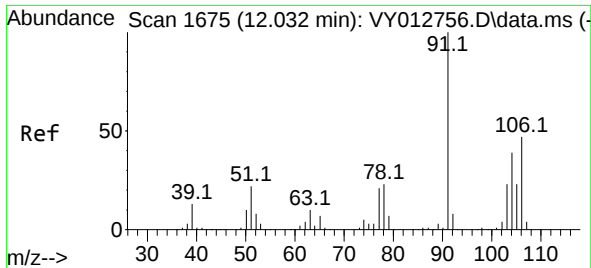
Tgt Ion: 91 Resp: 112883
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 44.733 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion:106 Resp: 88710
Ion Ratio Lower Upper
106 100
91 201.4 159.8 239.8

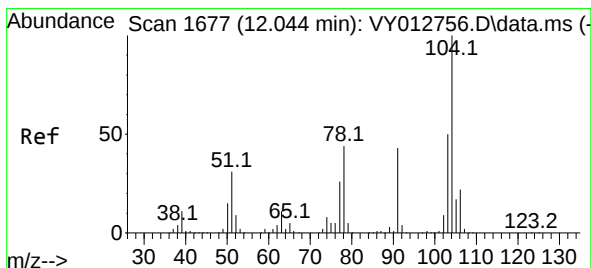
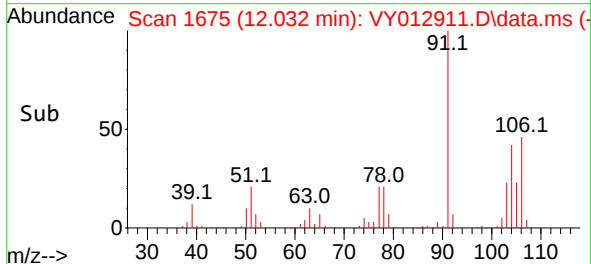
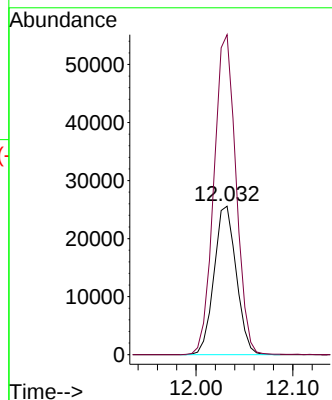
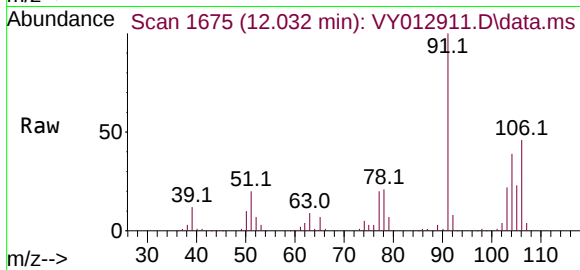




#69
o-Xylene
Concen: 22.033 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

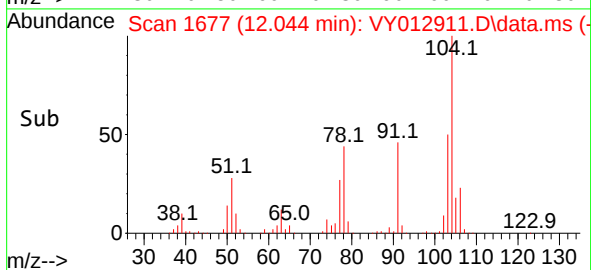
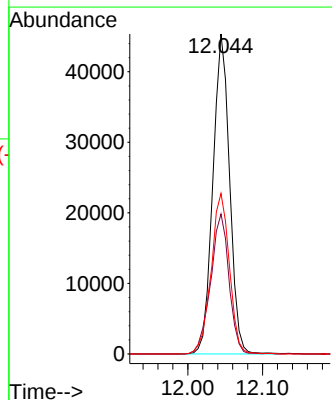
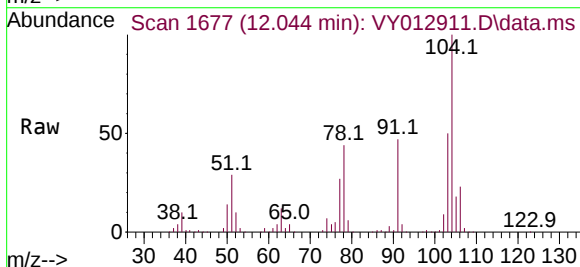
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 40779
Ion Ratio Lower Upper
106 100
91 214.6 107.2 321.6



#70
Styrene
Concen: 22.818 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion:104 Resp: 70477
Ion Ratio Lower Upper
104 100
78 47.9 39.2 58.8
103 54.8 43.7 65.5





#71

Bromoform

Concen: 23.308 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

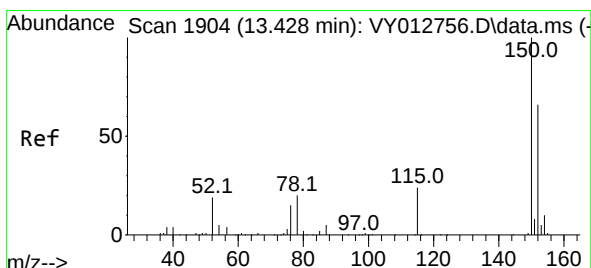
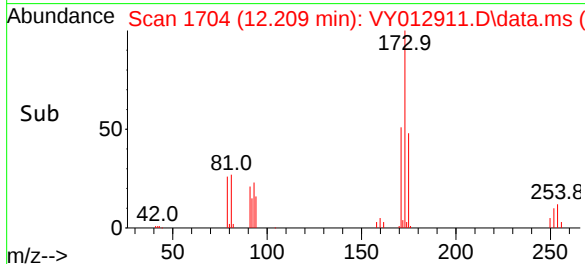
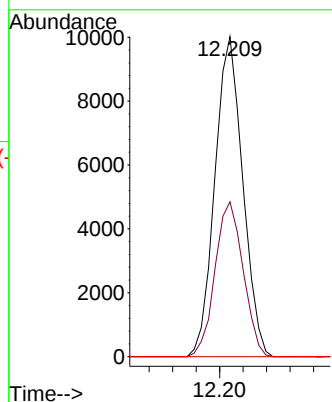
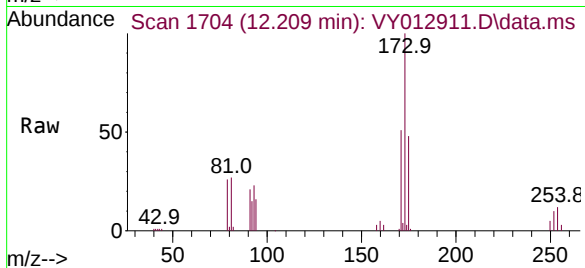
Tgt Ion:173 Resp: 16488

Ion Ratio Lower Upper

173 100

175 48.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

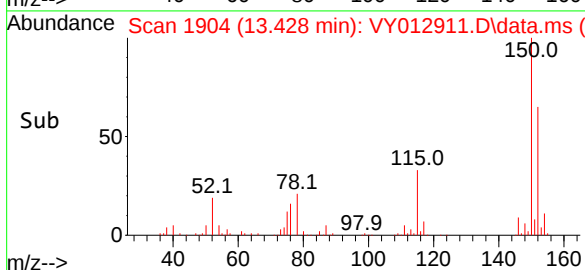
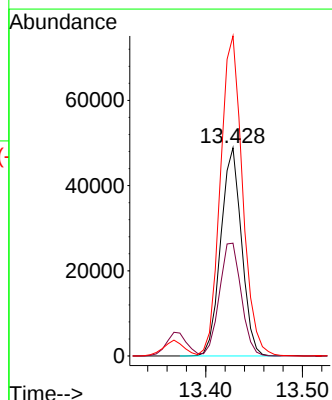
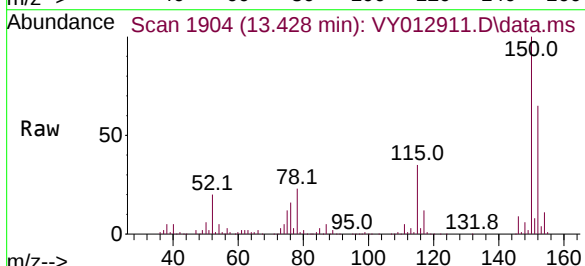
Tgt Ion:152 Resp: 72811

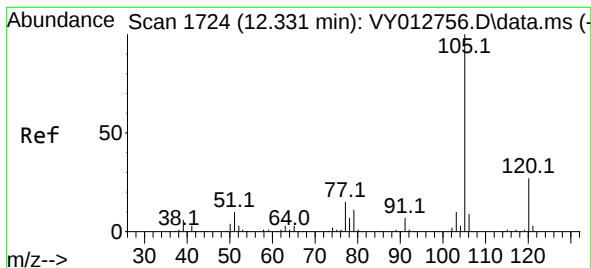
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 163.8 0.0 347.8





#73

Isopropylbenzene

Concen: 21.396 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

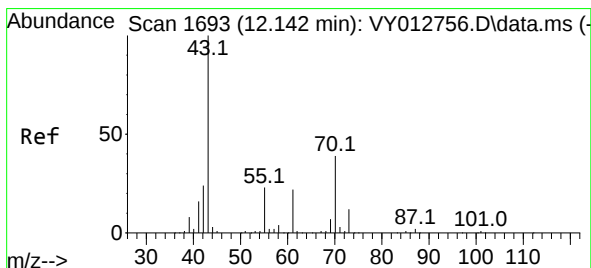
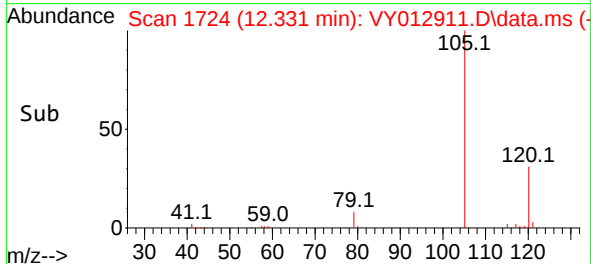
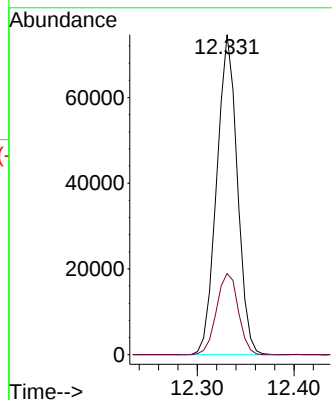
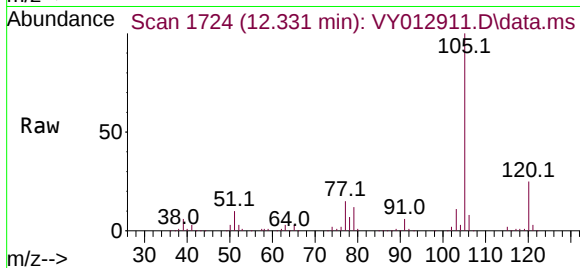
ClientSampleId :

Tgt Ion:105 Resp: 110409

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.960 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Tgt Ion: 43 Resp: 34031

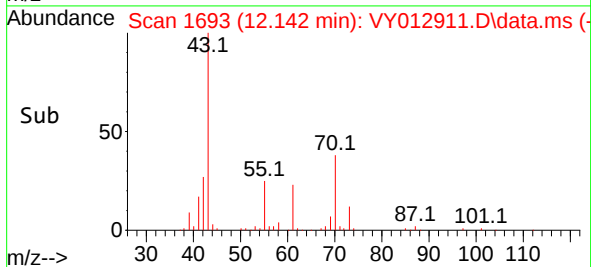
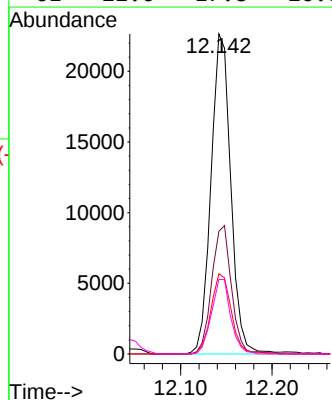
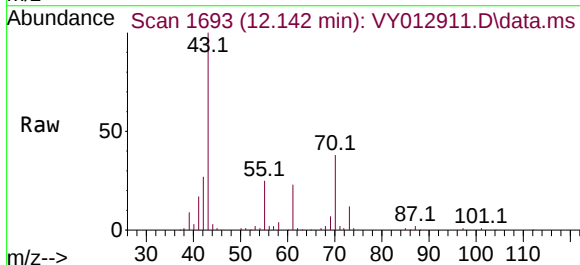
Ion Ratio Lower Upper

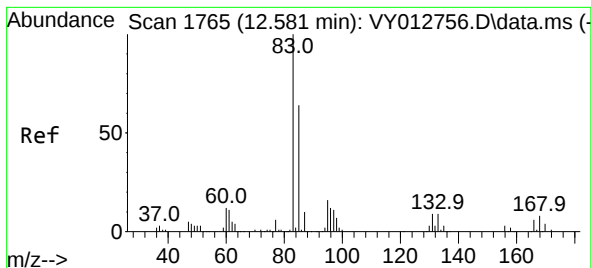
43 100

70 40.0 31.6 47.4

55 25.9 18.8 28.2

61 22.6 17.8 26.8

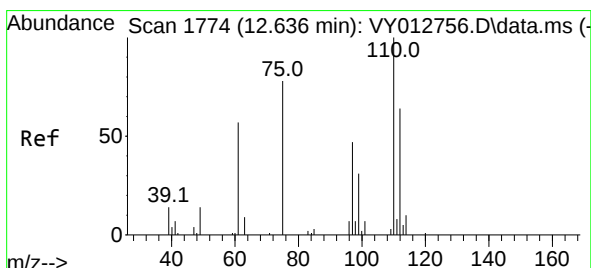
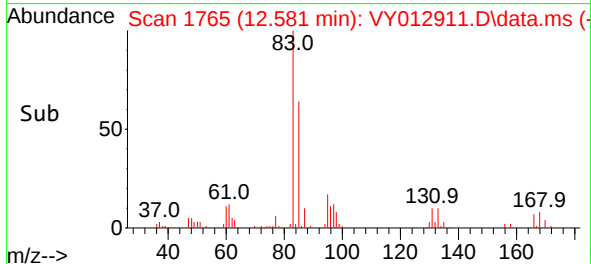
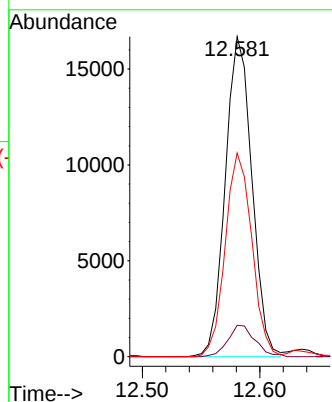
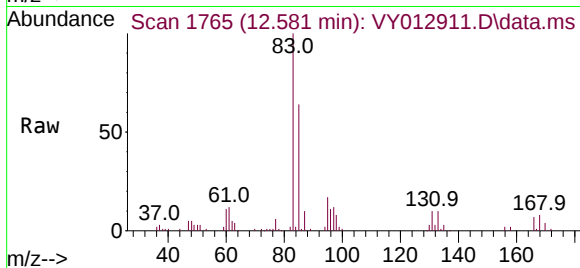




#75
1,1,2,2-Tetrachloroethane
Concen: 22.672 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

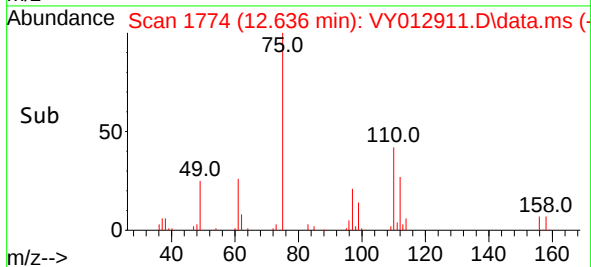
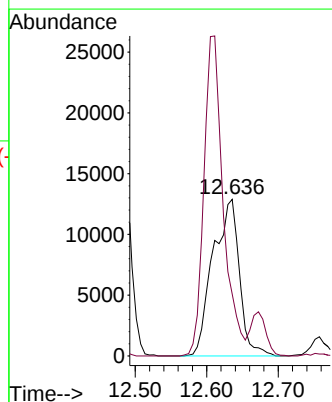
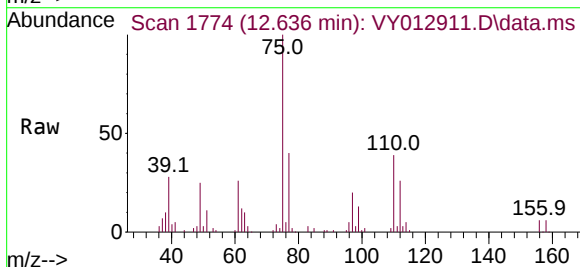
Instrument :
MSVOA_Y
ClientSampleId :

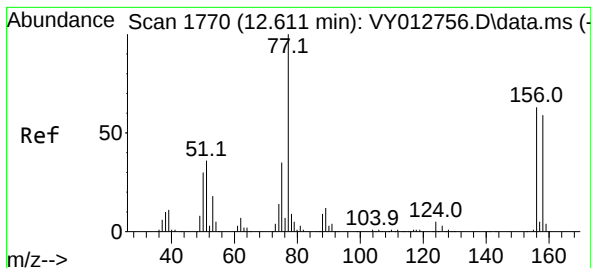
Tgt Ion: 83 Resp: 26299
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 63.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 38.160 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 75 Resp: 33179
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.659 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012911.D

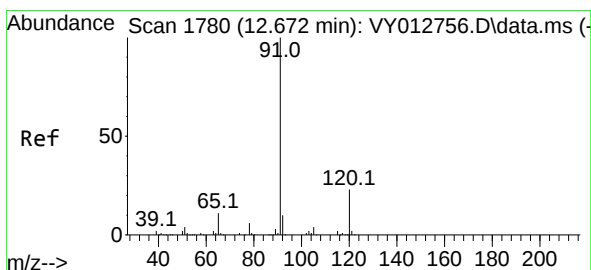
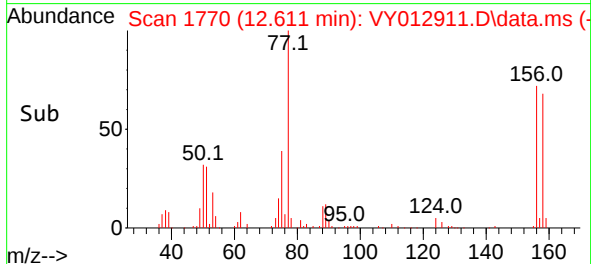
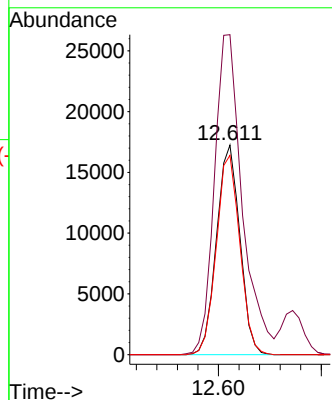
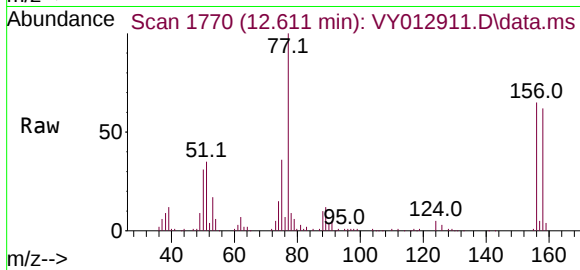
Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	27151
Ion	Ratio	Lower	Upper
156	100		
77	182.6	94.0	282.1
158	95.9	48.1	144.4



#78

n-propylbenzene

Concen: 21.582 ug/l

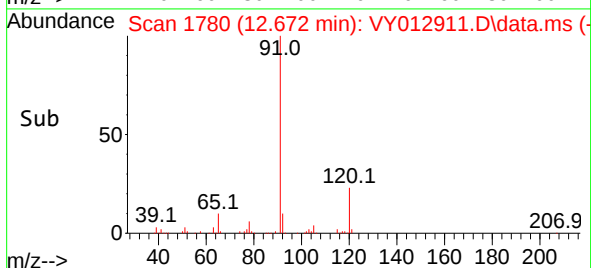
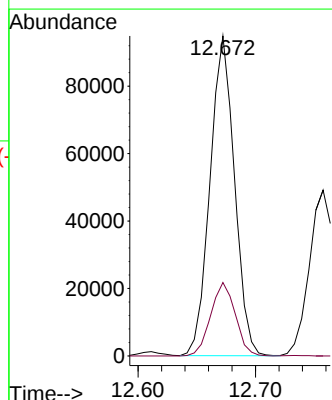
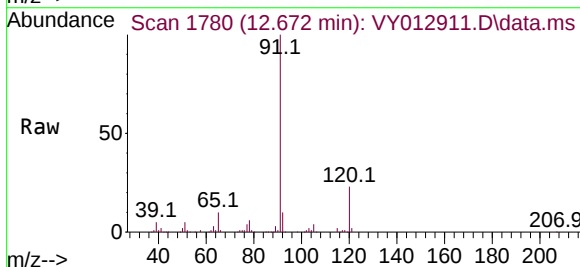
RT: 12.672 min Scan# 1780

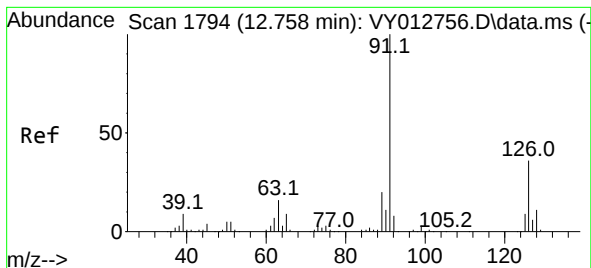
Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Tgt Ion:	91	Resp:	137305
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.6	34.8





#79

2-Chlorotoluene

Concen: 21.273 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

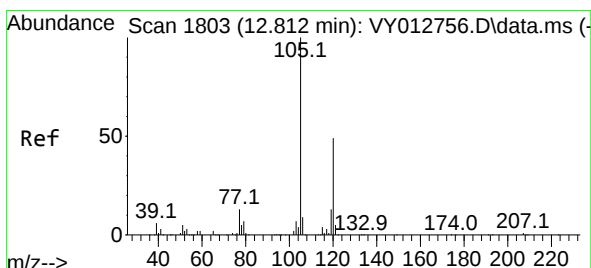
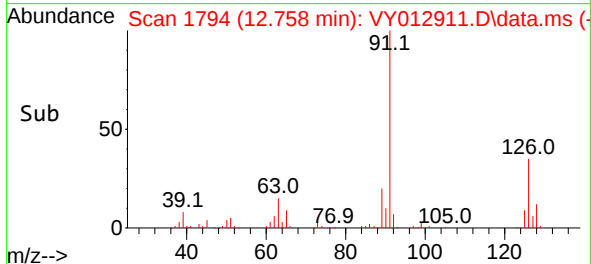
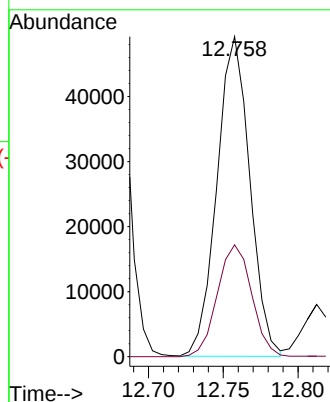
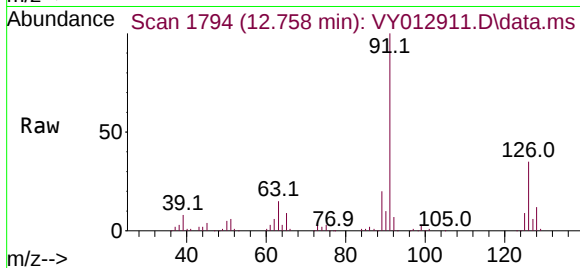
ClientSampleId :

Tgt Ion: 91 Resp: 75219

Ion Ratio Lower Upper

91 100

126 36.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.899 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012911.D

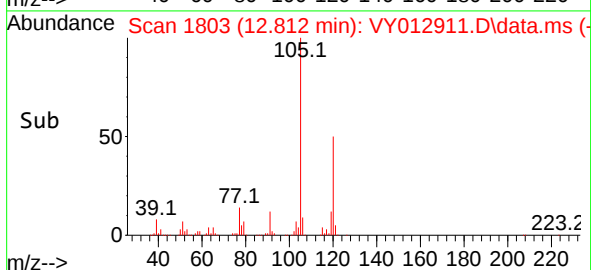
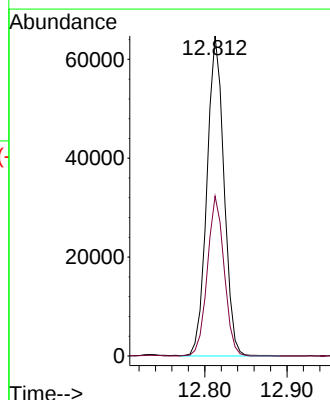
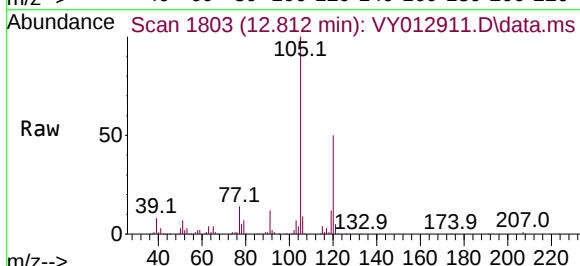
Acq: 10 Mar 2023 11:23

Tgt Ion:105 Resp: 93257

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4

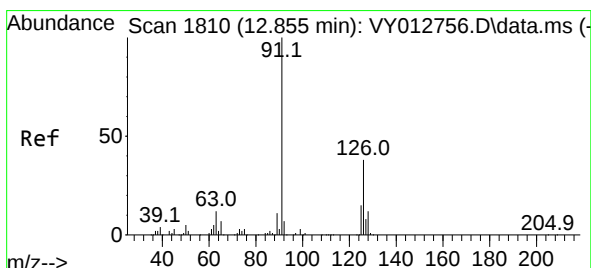
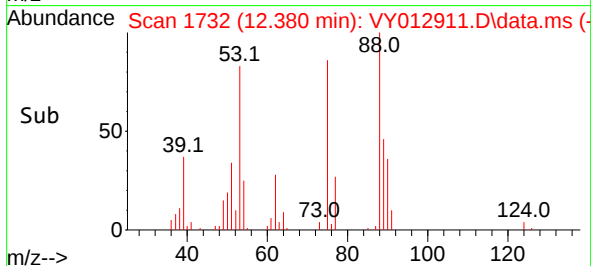
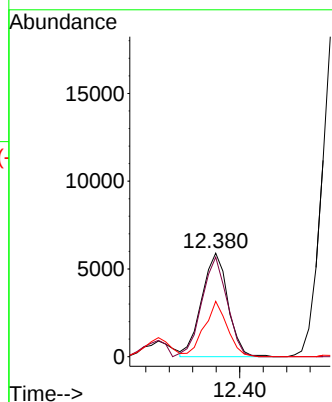
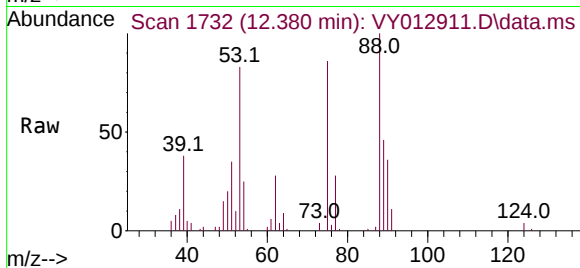




#81
trans-1,4-Dichloro-2-butene
Concen: 21.738 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

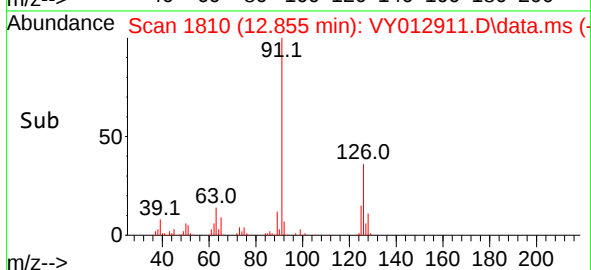
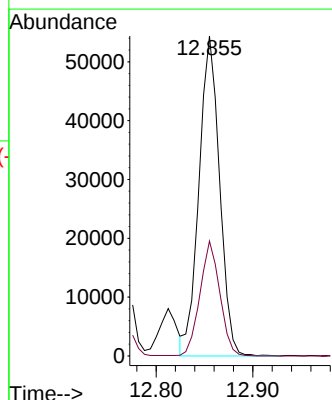
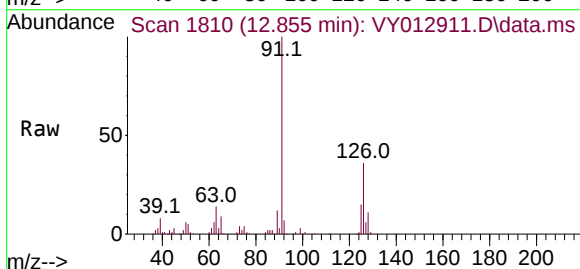
Instrument :
MSVOA_Y
ClientSampleId :

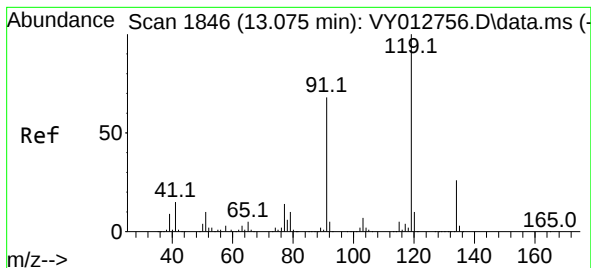
Tgt Ion: 75 Resp: 9122
Ion Ratio Lower Upper
75 100
53 93.2 73.4 110.0
89 47.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 21.984 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion: 91 Resp: 80464
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1

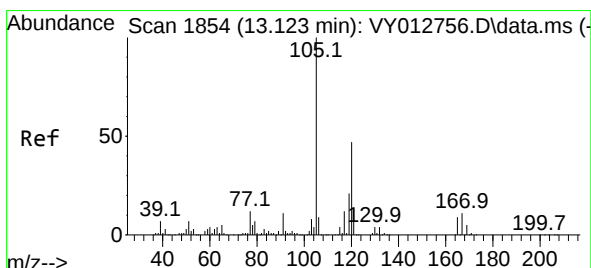
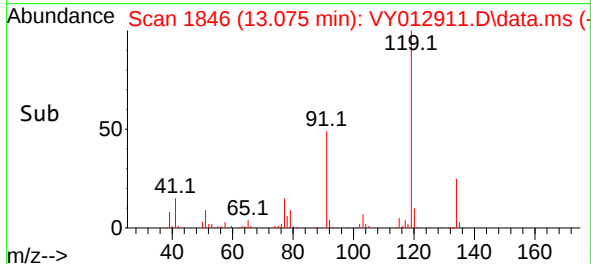
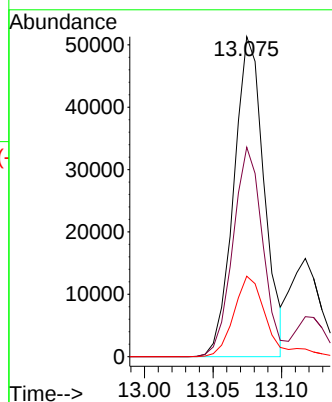
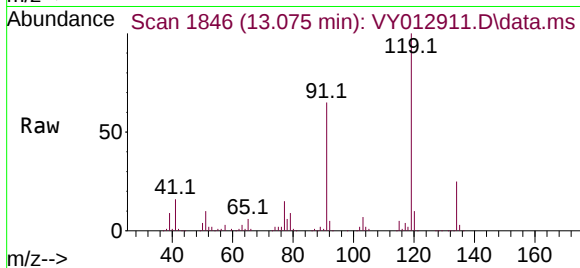




#83
tert-Butylbenzene
Concen: 21.515 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

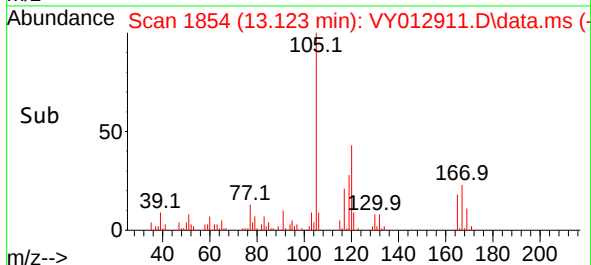
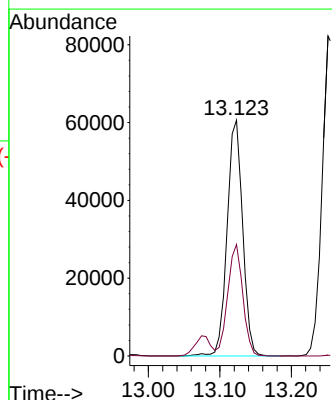
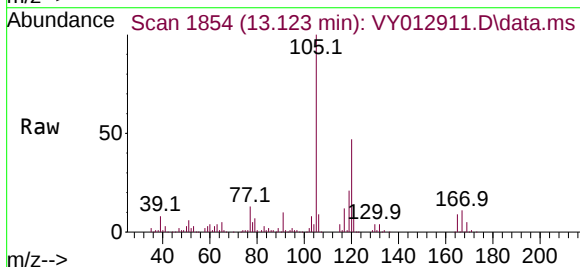
Instrument :
MSVOA_Y
ClientSampleId :

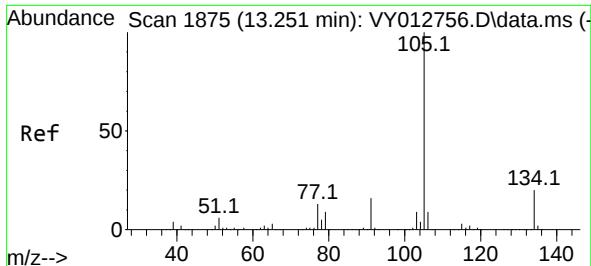
Tgt Ion:119 Resp: 79082
Ion Ratio Lower Upper
119 100
91 65.2 32.8 98.3
134 27.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.915 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY012911.D
Acq: 10 Mar 2023 11:23

Tgt Ion:105 Resp: 91259
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0

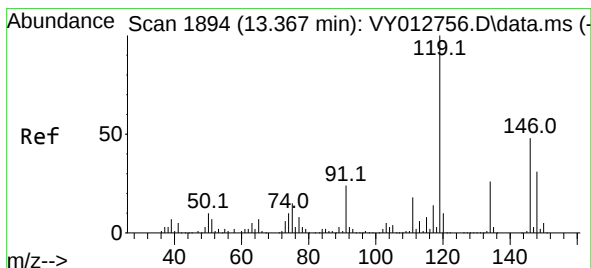
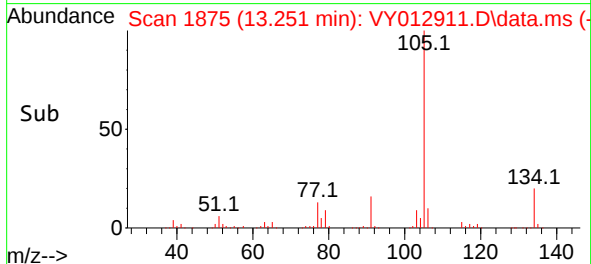
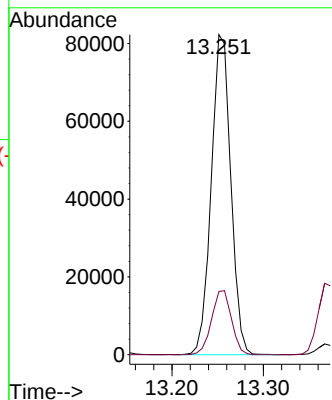
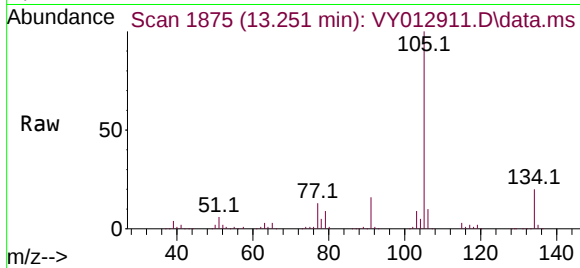




#85
 sec-Butylbenzene
 Concen: 21.739 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

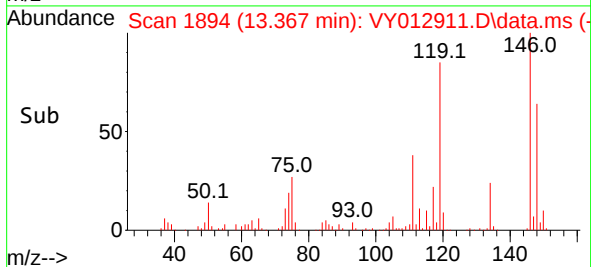
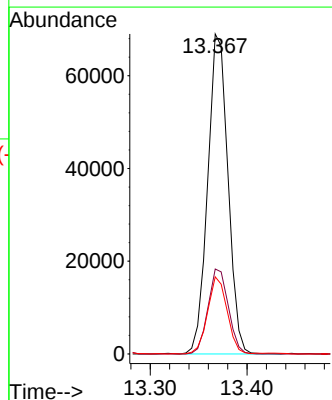
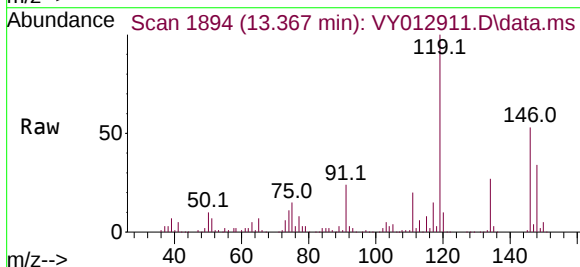
Instrument :
 MSVOA_Y
 ClientSampleId :

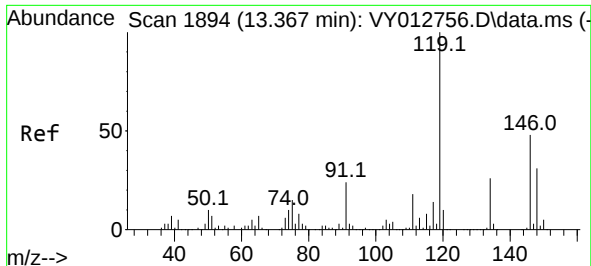
Tgt Ion:105 Resp: 121897
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.974 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

Tgt Ion:119 Resp: 100705
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 22.526 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

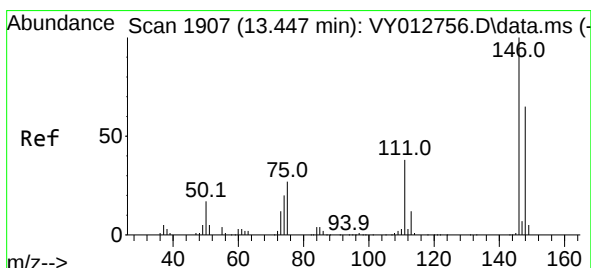
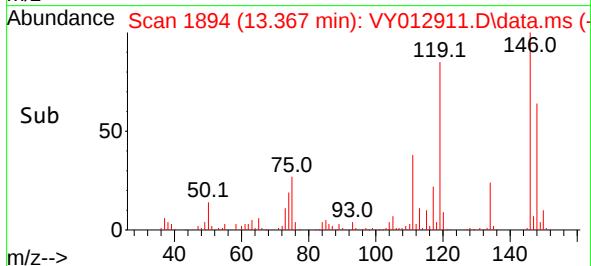
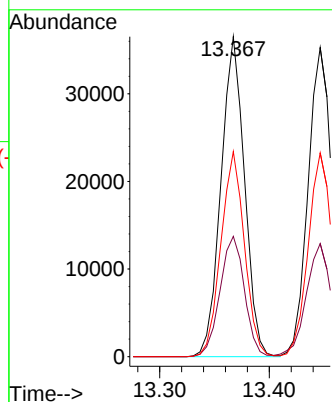
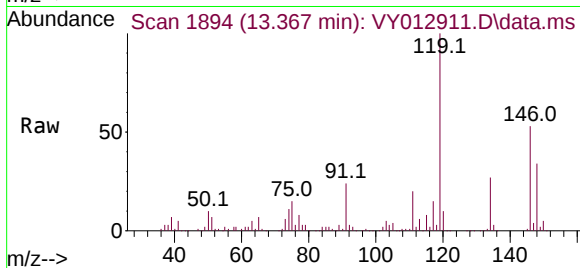
Tgt Ion:146 Resp: 54461

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.801 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

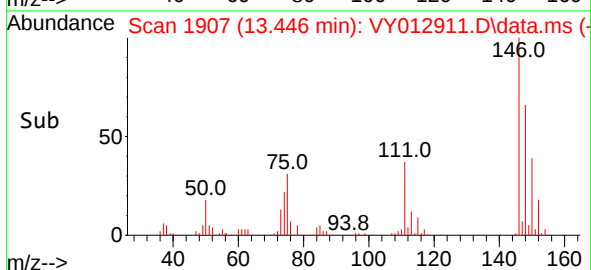
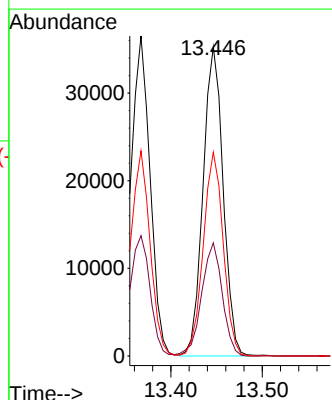
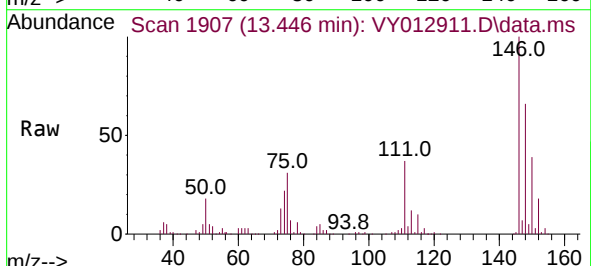
Tgt Ion:146 Resp: 53794

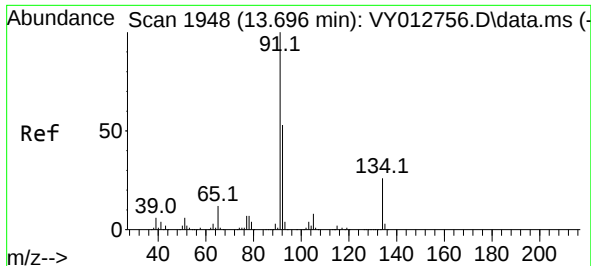
Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

148 65.6 31.5 94.5





#89

n-Butylbenzene

Concen: 21.155 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012911.D

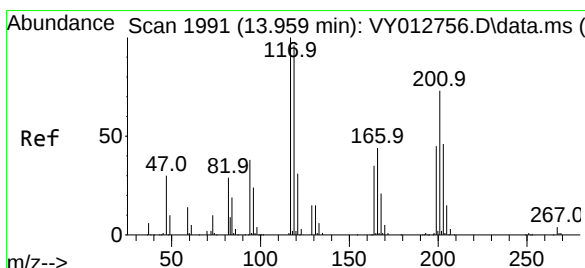
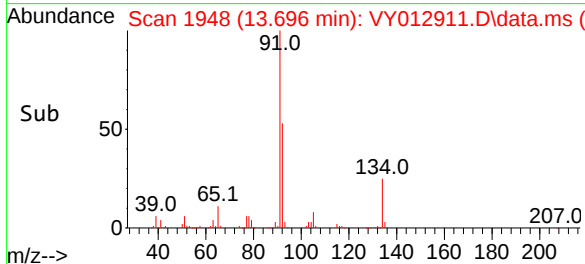
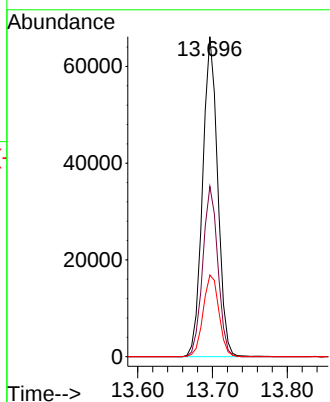
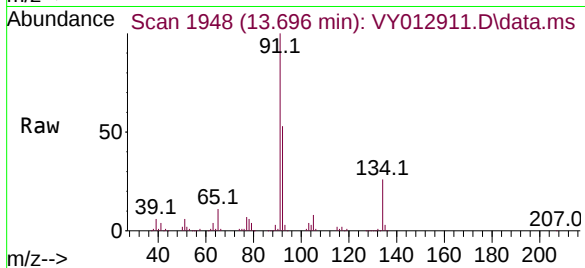
Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp:	92812
Ion Ratio	Lower	Upper
91	100	
92	53.2	26.4 79.0
134	26.6	13.0 38.9



#90

Hexachloroethane

Concen: 21.226 ug/l

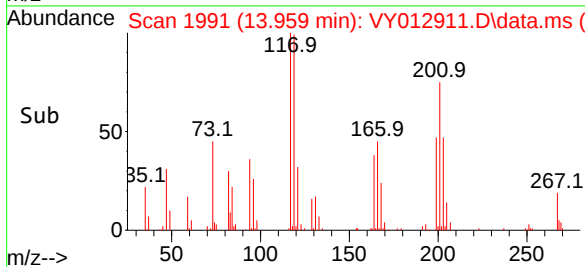
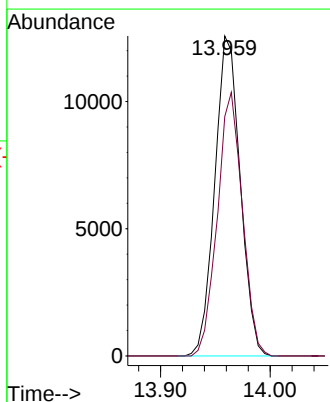
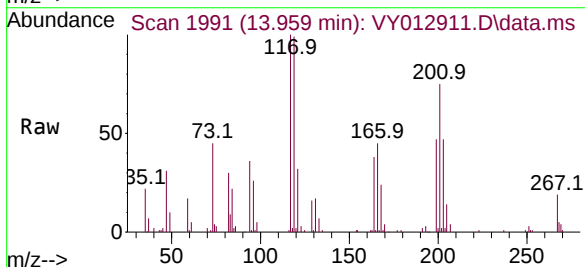
RT: 13.959 min Scan# 1991

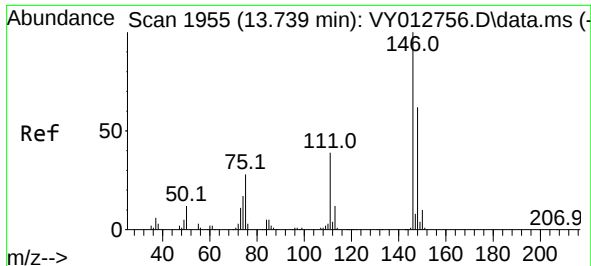
Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Tgt Ion: 117	Resp:	20260
Ion Ratio	Lower	Upper
117	100	
201	81.2	39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 22.449 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012911.D

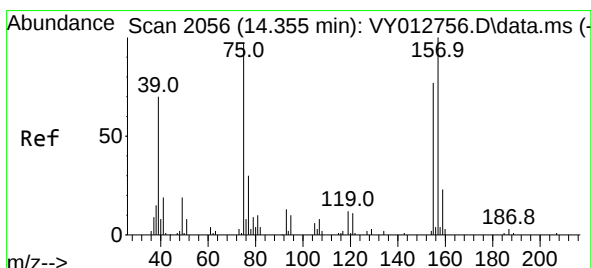
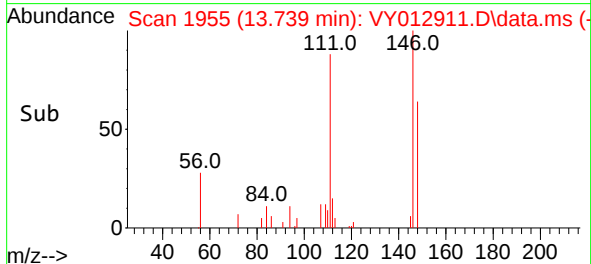
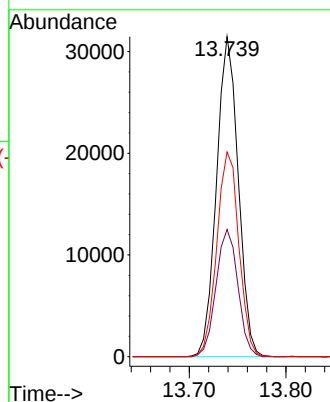
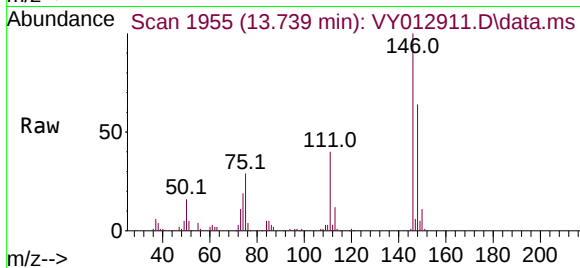
Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	49064
Ion Ratio	Lower	Upper
146	100	
111	40.0	19.7 59.1
148	65.0	31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.044 ug/l

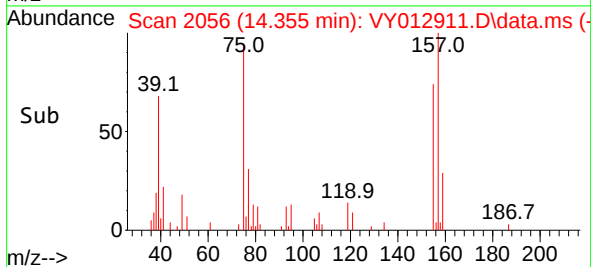
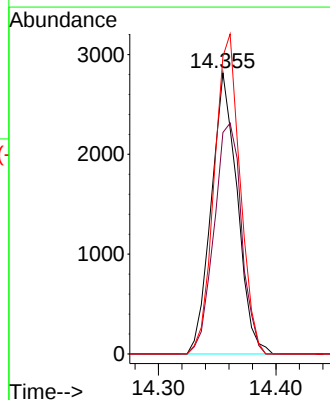
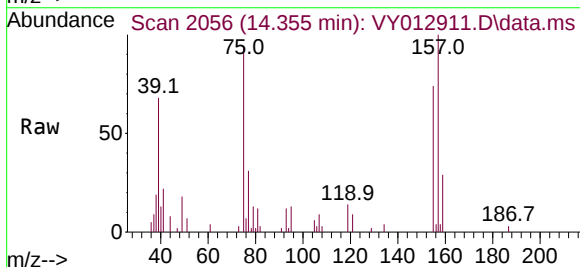
RT: 14.355 min Scan# 2056

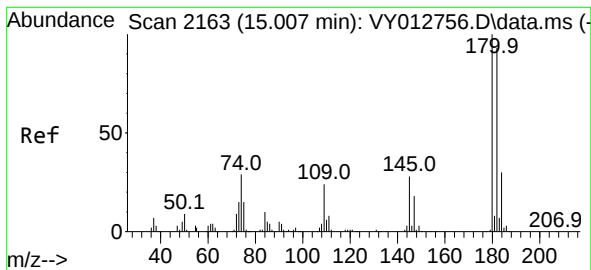
Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

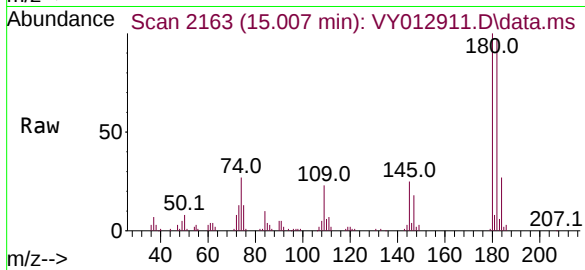
Tgt Ion: 75	Resp:	4320
Ion Ratio	Lower	Upper
75	100	
155	86.9	43.8 131.4
157	112.6	54.1 162.3



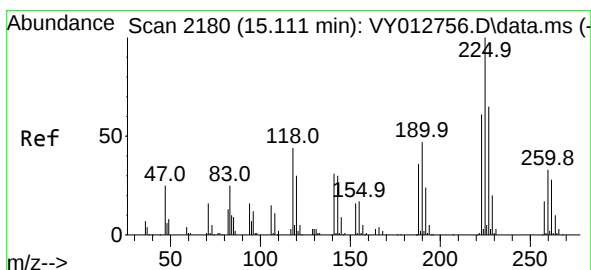
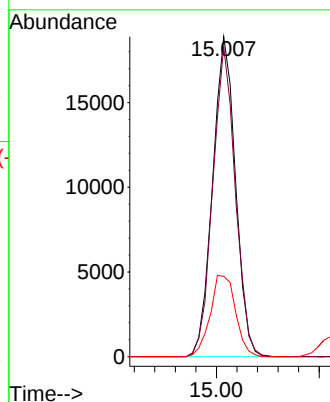
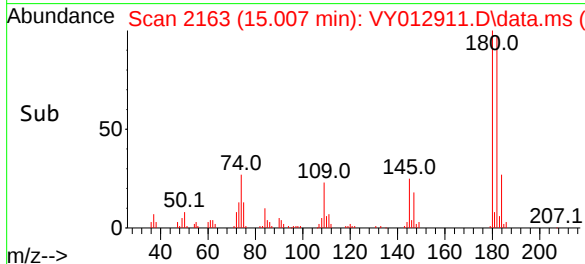


#93
 1,2,4-Trichlorobenzene
 Concen: 21.638 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :

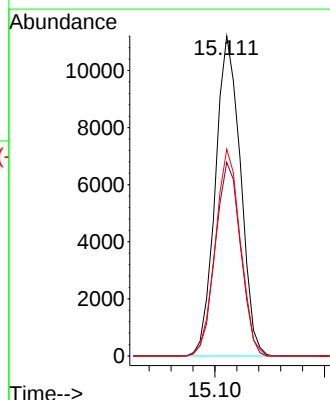
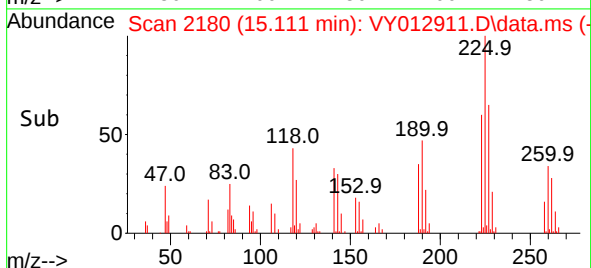
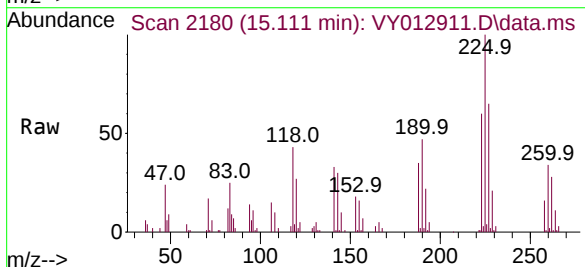


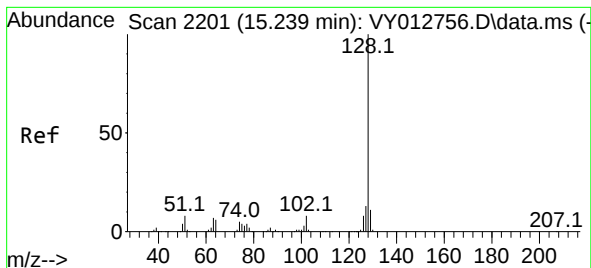
Tgt Ion:180 Resp: 29117
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.7 140.1
 145 28.2 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 21.705 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY012911.D
 Acq: 10 Mar 2023 11:23

Tgt Ion:225 Resp: 17814
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.1 93.3
 227 64.3 32.4 97.0





#95

Naphthalene

Concen: 21.203 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012911.D

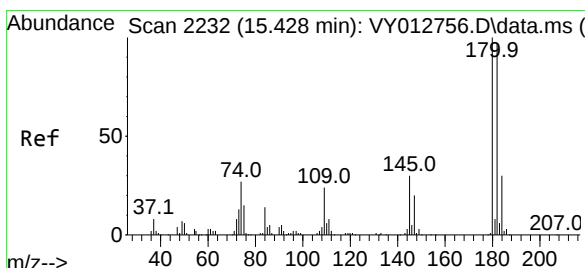
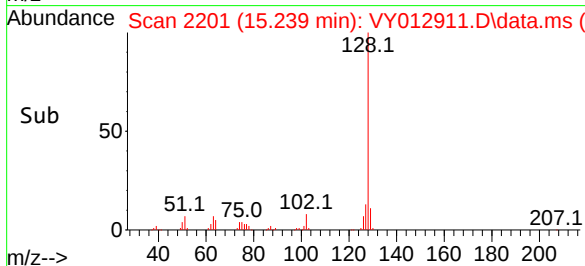
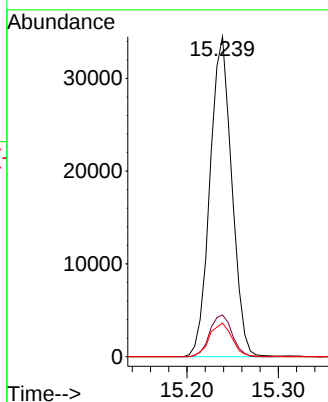
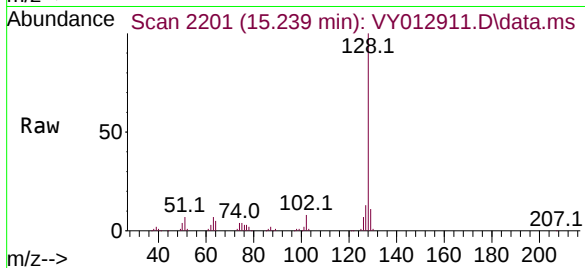
Acq: 10 Mar 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	57175
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	10.9	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.336 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012911.D

Acq: 10 Mar 2023 11:23

Tgt Ion:	180	Resp:	25534
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.4	142.3
145	31.7	15.3	45.8

