

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072324\
 Data File : VY018895.D
 Acq On : 23 Jul 2024 11:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 24 01:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	107136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48626	46.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.240%
35) Dibromofluoromethane	7.710	113	49309	48.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.173	98	177897	46.476	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.477	95	59466	45.491	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40363	44.961	ug/l	100
3) Chloromethane	2.107	50	55741	40.860	ug/l	93
4) Vinyl Chloride	2.241	62	69819	43.750	ug/l	98
5) Bromomethane	2.644	94	49128	44.755	ug/l	96
6) Chloroethane	2.784	64	46124	44.488	ug/l	95
7) Trichlorofluoromethane	3.113	101	96867	46.451	ug/l	93
8) Diethyl Ether	3.509	74	25101	49.386	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	51045	47.708	ug/l	95
10) Methyl Iodide	4.076	142	59158	51.345	ug/l	93
11) Tert butyl alcohol	4.942	59	20675	193.595	ug/l #	83
12) 1,1-Dichloroethene	3.851	96	48135	46.504	ug/l	97
13) Acrolein	3.716	56	13292	155.348	ug/l	100
14) Allyl chloride	4.466	41	60912	47.502	ug/l	91
15) Acrylonitrile	5.143	53	52337	261.019	ug/l	97
16) Acetone	3.930	43	52619	270.727	ug/l	90
17) Carbon Disulfide	4.186	76	128400	44.302	ug/l	99
18) Methyl Acetate	4.466	43	27474	48.649	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	121330	50.530	ug/l	99
20) Methylene Chloride	4.698	84	54217	49.174	ug/l	99
21) trans-1,2-Dichloroethene	5.198	96	51348	47.003	ug/l	95
22) Diisopropyl ether	6.106	45	136167	48.817	ug/l	93
23) Vinyl Acetate	6.045	43	568501	258.700	ug/l	98
24) 1,1-Dichloroethane	5.997	63	87094	48.904	ug/l	99
25) 2-Butanone	6.972	43	75886	278.541	ug/l	98
26) 2,2-Dichloropropane	6.972	77	81405	49.263	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	60599	47.645	ug/l	98
28) Bromochloromethane	7.319	49	34646	48.436	ug/l	97
29) Tetrahydrofuran	7.338	42	44236	264.849	ug/l	95
30) Chloroform	7.496	83	97071	48.906	ug/l	92
31) Cyclohexane	7.771	56	70936	43.797	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	92236	49.974	ug/l	98
36) 1,1-Dichloropropene	7.911	75	66350	47.587	ug/l	98
37) Ethyl Acetate	7.063	43	31003	53.495	ug/l	95
38) Carbon Tetrachloride	7.893	117	85752	51.063	ug/l	96
39) Methylcyclohexane	9.179	83	87946	49.220	ug/l	98
40) Benzene	8.155	78	198542	49.087	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14322	43.345	ug/l	97
42) 1,2-Dichloroethane	8.228	62	58297	51.479	ug/l	97
43) Isopropyl Acetate	8.264	43	61518	53.345	ug/l	95
44) Trichloroethene	8.929	130	58380	50.494	ug/l	91
45) 1,2-Dichloropropane	9.209	63	45706	51.893	ug/l	95
46) Dibromomethane	9.301	93	30178	52.859	ug/l	98
47) Bromodichloromethane	9.490	83	76262	53.471	ug/l	100
48) Methyl methacrylate	9.289	41	27465	52.397	ug/l #	87
49) 1,4-Dioxane	9.295	88	7807	1166.550	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	161952	275.063	ug/l	94
52) Toluene	10.240	92	130890	48.688	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	66645	54.120	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	75759	52.441	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37778	52.255	ug/l	98
56) Ethyl methacrylate	10.508	69	52233	54.877	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	63221	52.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	123076	270.656	ug/l	93
59) 2-Hexanone	10.831	43	116557	282.968	ug/l	92
60) Dibromochloromethane	10.983	129	54683	55.050	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37489	53.339	ug/l	97
64) Tetrachloroethene	10.715	164	59932	52.305	ug/l	97
65) Chlorobenzene	11.514	112	151686	50.796	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	53980	52.465	ug/l	97
67) Ethyl Benzene	11.587	91	258087	49.335	ug/l	98
68) m/p-Xylenes	11.703	106	203443	99.102	ug/l	97
69) o-Xylene	12.026	106	94100	48.757	ug/l	93
70) Styrene	12.044	104	162665	50.513	ug/l	97
71) Bromoform	12.209	173	32242	57.492	ug/l #	100
73) Isopropylbenzene	12.325	105	257224	49.357	ug/l	99
74) N-amyl acetate	12.142	43	57233	53.700	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	41921	51.026	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	54772	98.208	ug/l #	100
77) Bromobenzene	12.605	156	63194	50.794	ug/l	90
78) n-propylbenzene	12.672	91	300001	48.475	ug/l	97
79) 2-Chlorotoluene	12.758	91	168473	48.413	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	211255	49.542	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	13869	55.655	ug/l	89
82) 4-Chlorotoluene	12.855	91	177213	49.455	ug/l	99
83) tert-Butylbenzene	13.075	119	193357	49.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	209105	49.348	ug/l	100
85) sec-Butylbenzene	13.251	105	275984	49.390	ug/l	96
86) p-Isopropyltoluene	13.367	119	240425	49.839	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	123211	50.423	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	119611	49.389	ug/l	99
89) n-Butylbenzene	13.696	91	212350	48.555	ug/l	98
90) Hexachloroethane	13.959	117	47047	52.441	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	107418	50.891	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7338	55.121	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	68969	53.526	ug/l	97
94) Hexachlorobutadiene	15.111	225	38588	51.957	ug/l	96
95) Naphthalene	15.239	128	122299	55.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59755	54.201	ug/l	97

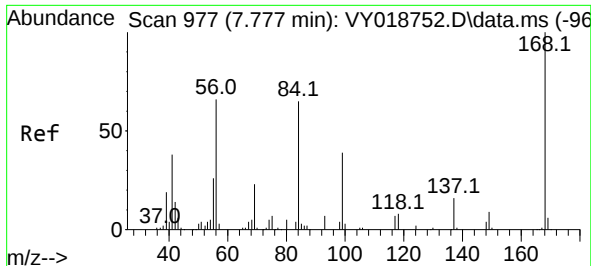
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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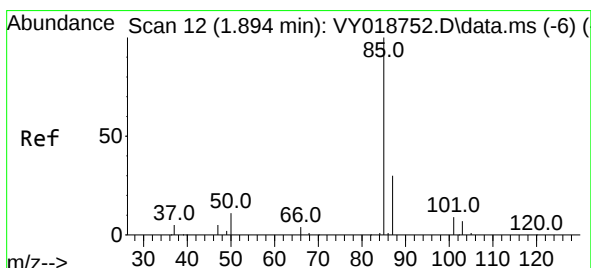
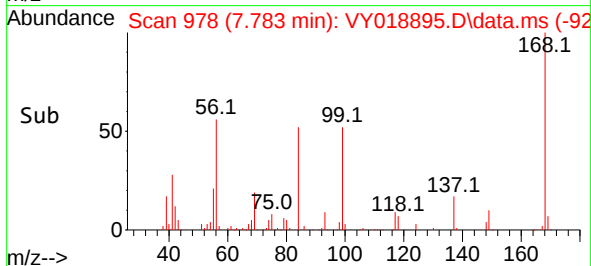
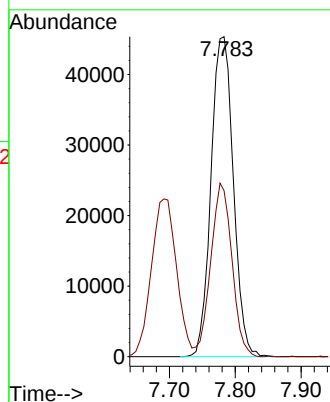
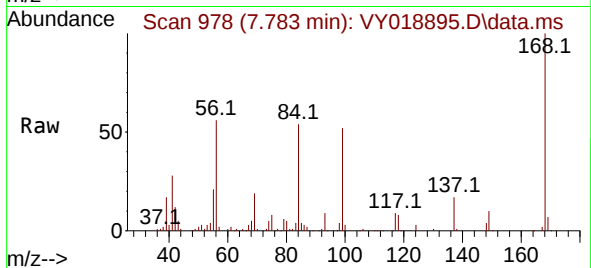
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

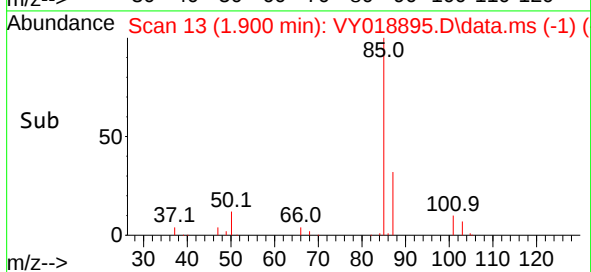
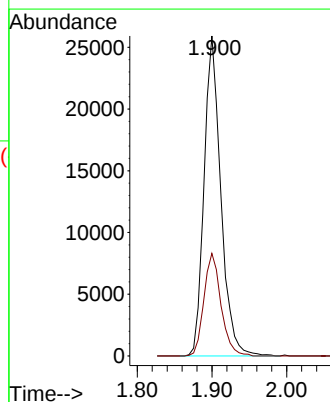
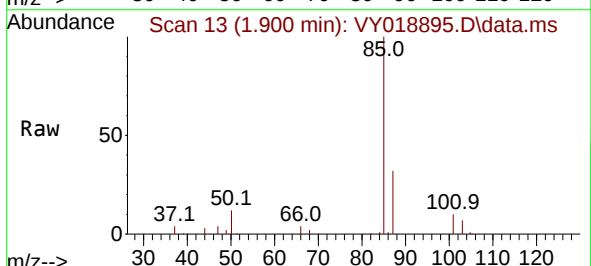
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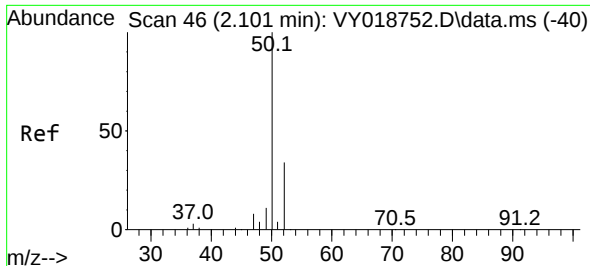
Tgt Ion:168 Resp: 107136
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.961 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 85 Resp: 40363
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0

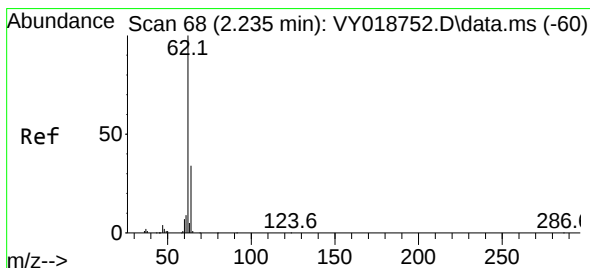
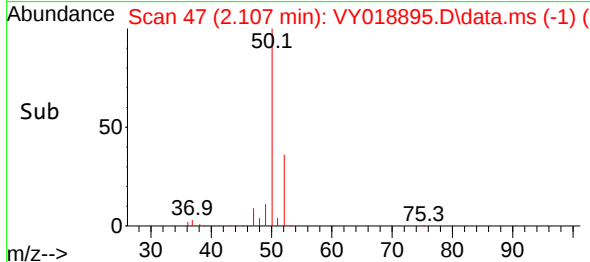
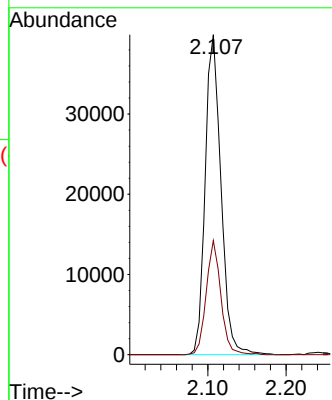
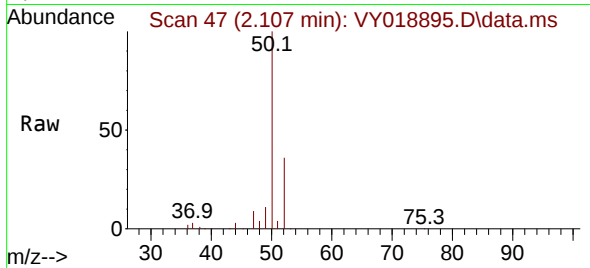




#3
Chloromethane
Concen: 40.860 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

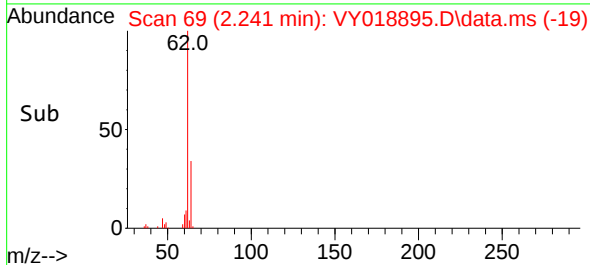
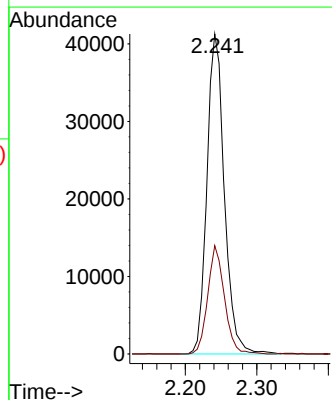
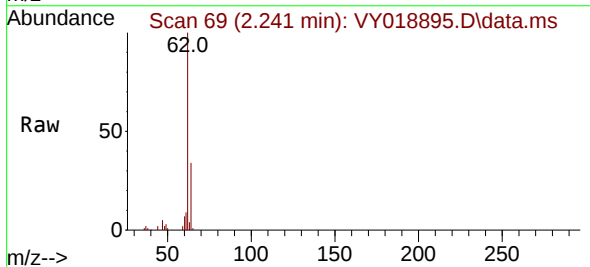
Instrument :
MSVOA_Y
ClientSampleId :

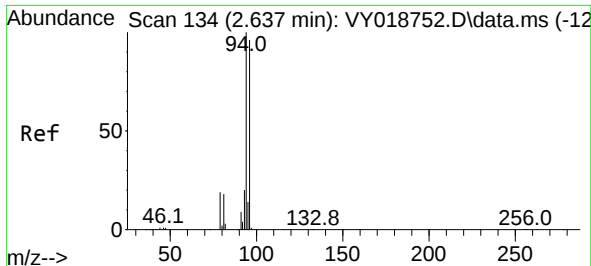
Tgt Ion: 50 Resp: 55741
Ion Ratio Lower Upper
50 100
52 35.6 25.6 38.4



#4
Vinyl Chloride
Concen: 43.750 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 62 Resp: 69819
Ion Ratio Lower Upper
62 100
64 33.8 26.1 39.1

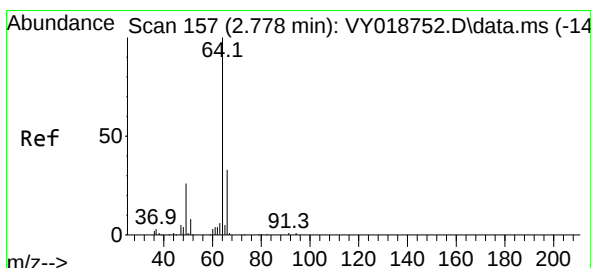
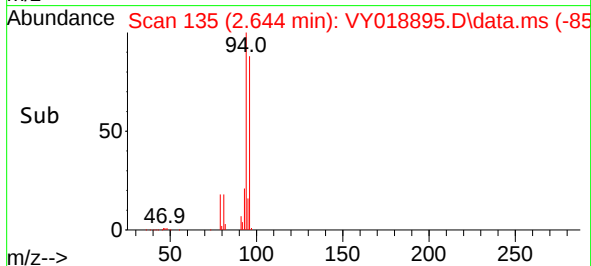
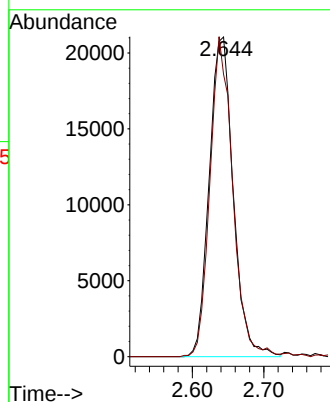
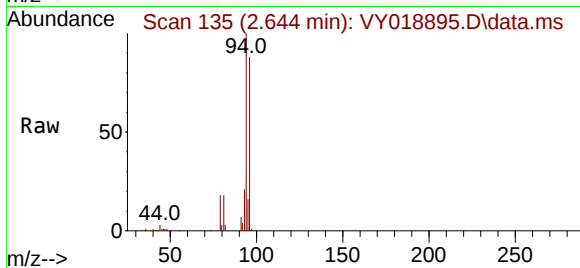




#5
Bromomethane
Concen: 44.755 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

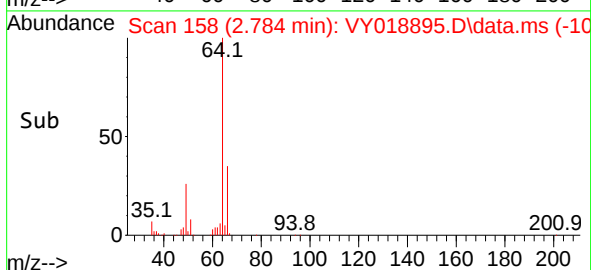
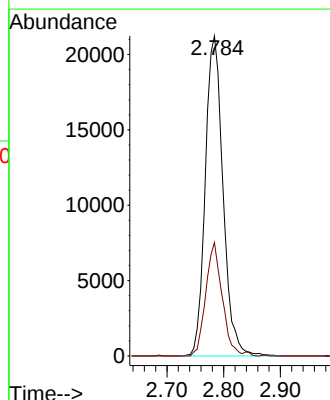
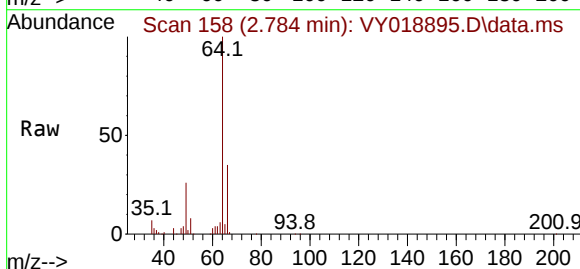
Instrument :
MSVOA_Y
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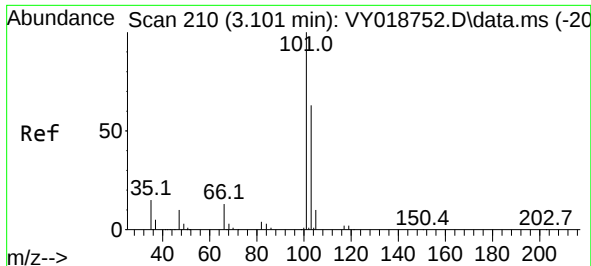
Tgt Ion: 94 Resp: 49128
Ion Ratio Lower Upper
94 100
96 88.3 74.1 111.1



#6
Chloroethane
Concen: 44.488 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 64 Resp: 46124
Ion Ratio Lower Upper
64 100
66 35.5 26.1 39.1

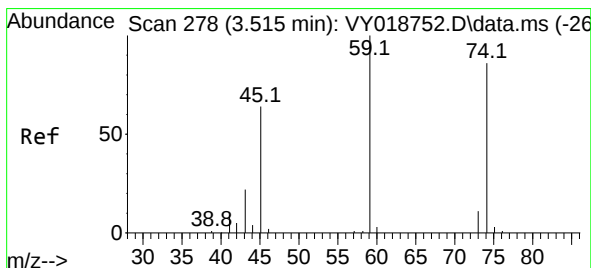
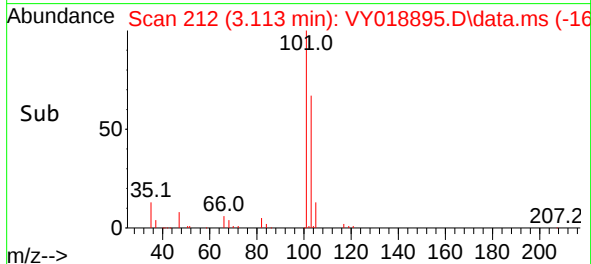
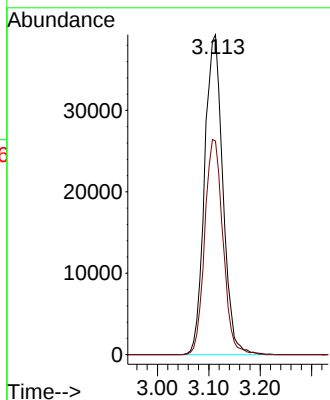
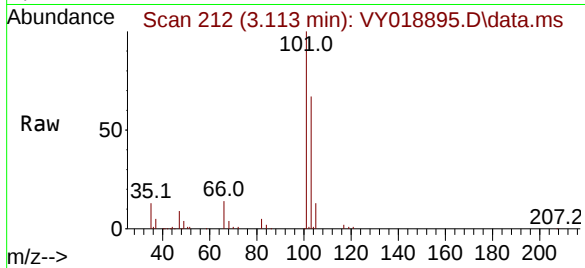




#7
 Trichlorofluoromethane
 Concen: 46.451 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018895.D
 Acq: 23 Jul 2024 11:28

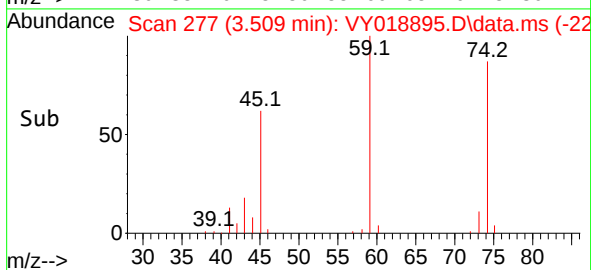
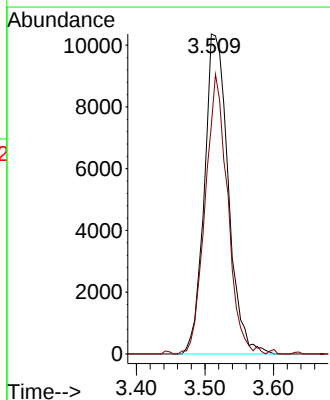
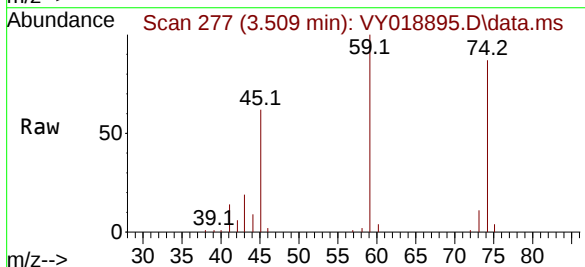
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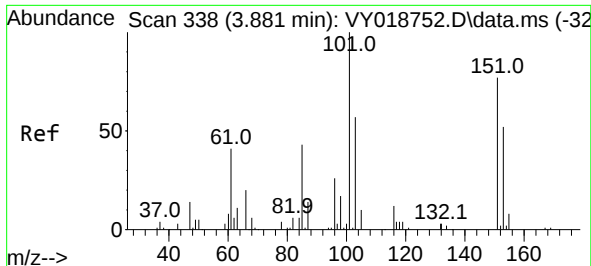
Tgt Ion:101 Resp: 96867
 Ion Ratio Lower Upper
 101 100
 103 66.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.386 ug/l
 RT: 3.509 min Scan# 277
 Delta R.T. -0.006 min
 Lab File: VY018895.D
 Acq: 23 Jul 2024 11:28

Tgt Ion: 74 Resp: 25101
 Ion Ratio Lower Upper
 74 100
 45 81.9 41.3 124.1

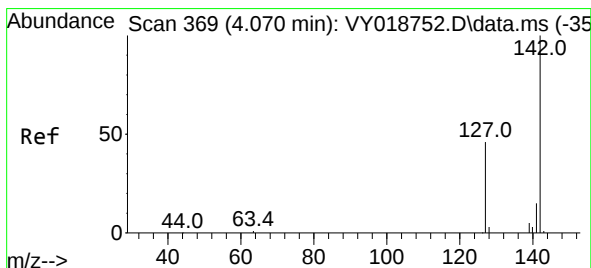
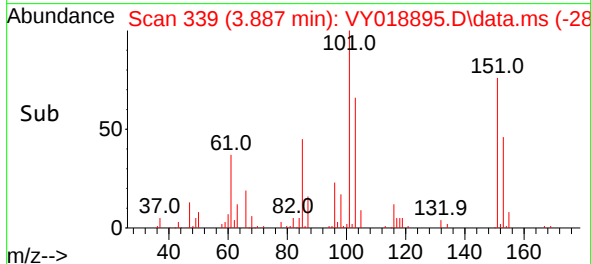
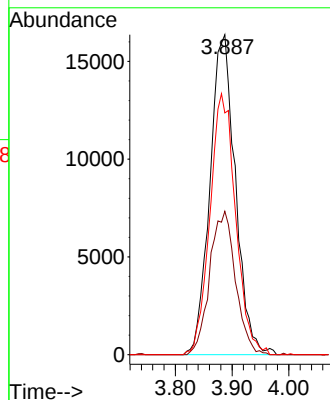
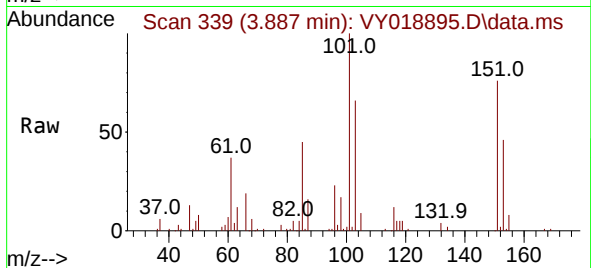




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.708 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018895.D
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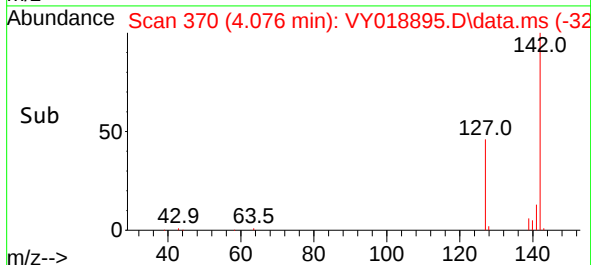
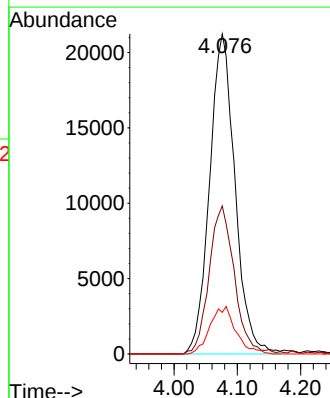
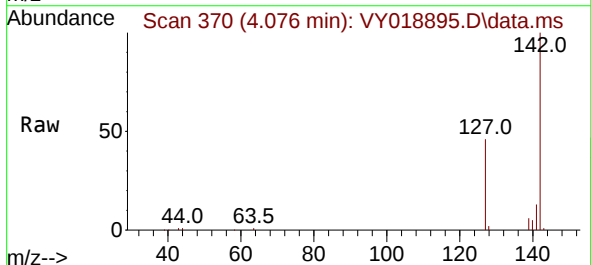
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MSVOA_Y
ClientSampleId :

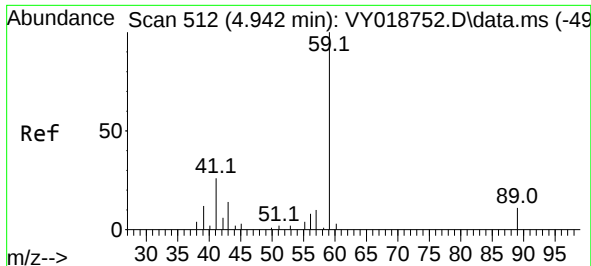
Tgt Ion:101 Resp: 51045
Ion Ratio Lower Upper
101 100
85 45.4 34.5 51.7
151 82.5 61.7 92.5



#10
Methyl Iodide
Concen: 51.345 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion:142 Resp: 59158
Ion Ratio Lower Upper
142 100
127 46.2 32.8 49.2
141 15.1 11.4 17.2

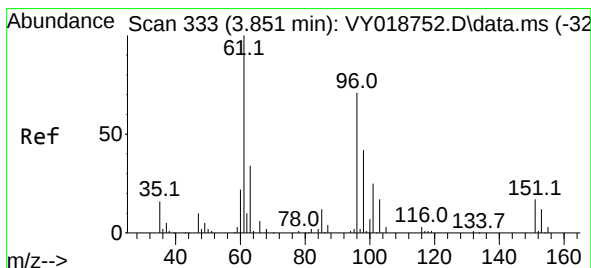
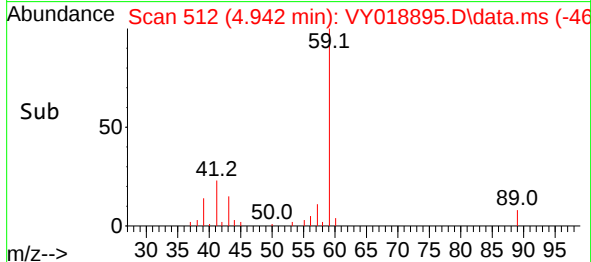
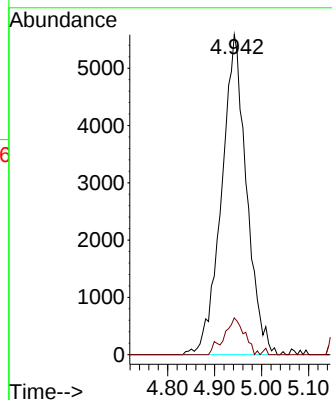
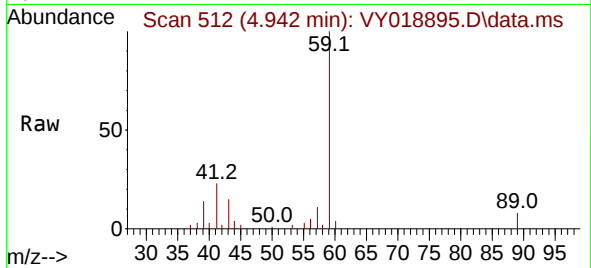




#11
Tert butyl alcohol
Concen: 193.595 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

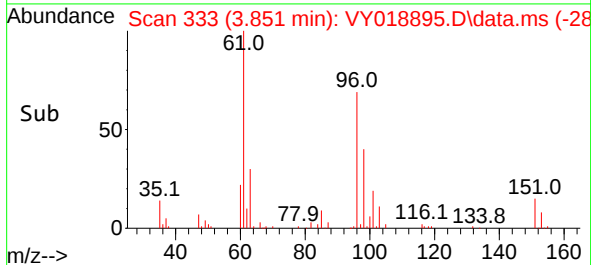
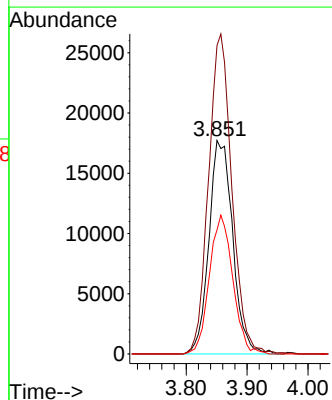
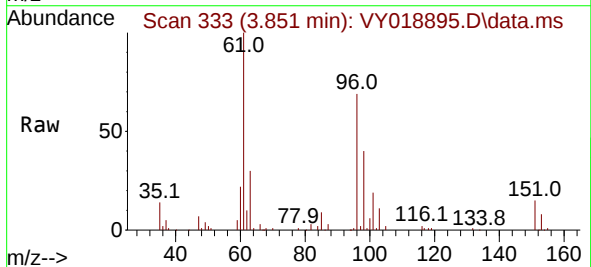
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 20675
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.504 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

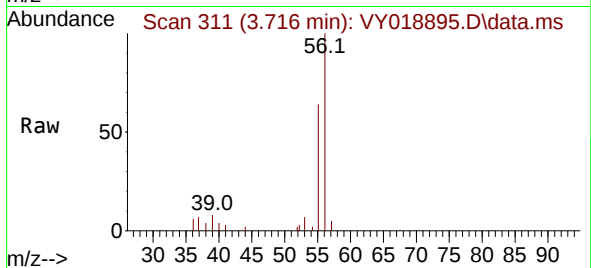
Tgt Ion: 96 Resp: 48135
Ion Ratio Lower Upper
96 100
61 144.6 114.6 171.8
98 58.1 50.8 76.2



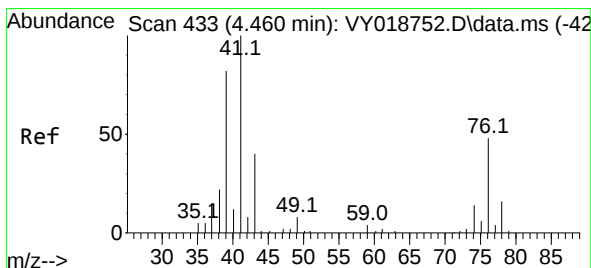
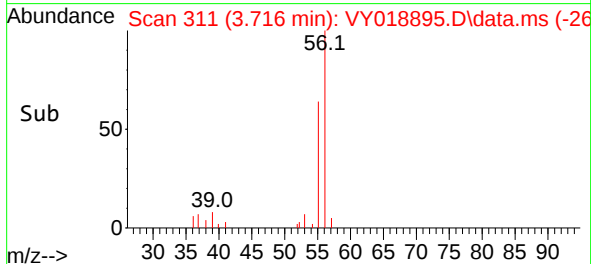
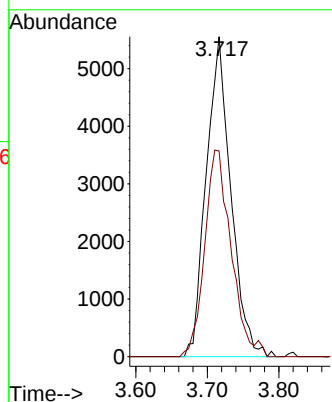


#13
Acrolein
Concen: 155.348 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

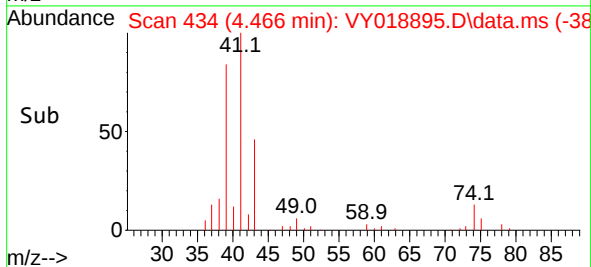
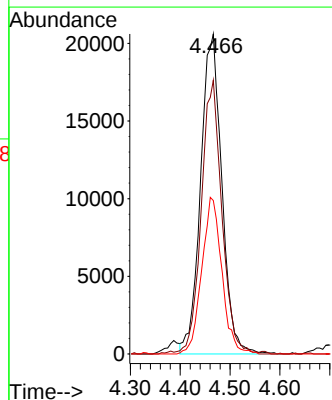
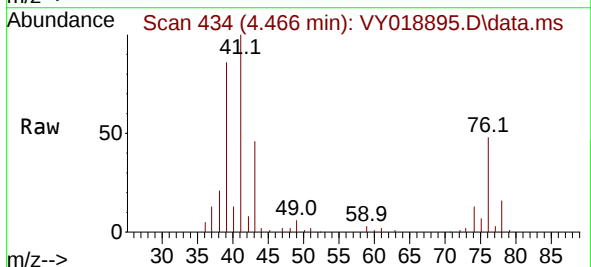


Tgt Ion: 56 Resp: 13292
Ion Ratio Lower Upper
56 100
55 69.4 55.7 83.5



#14
Allyl chloride
Concen: 47.502 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

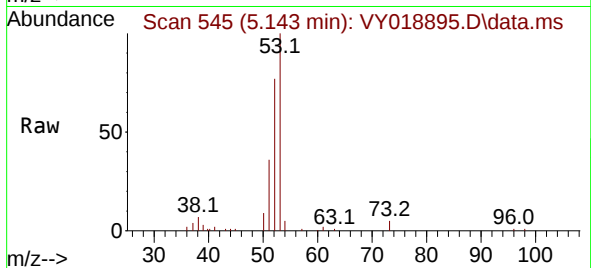
Tgt Ion: 41 Resp: 60912
Ion Ratio Lower Upper
41 100
39 83.3 58.3 87.5
76 46.5 39.0 58.6



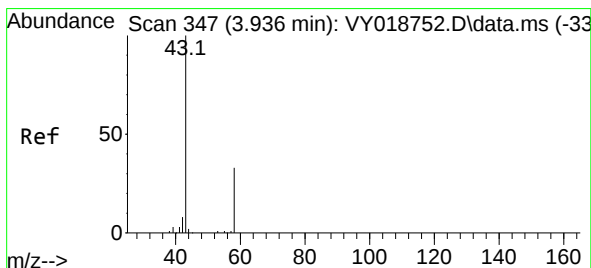
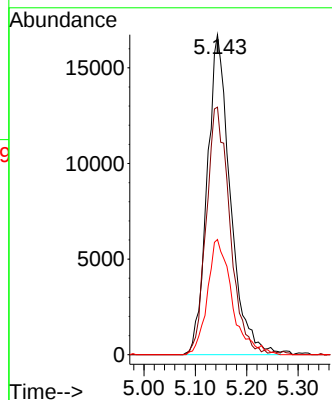
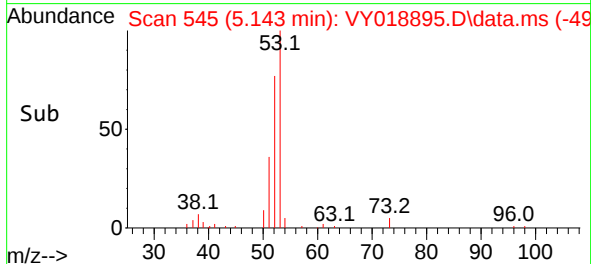


#15
Acrylonitrile
Concen: 261.019 ug/l
RT: 5.143 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

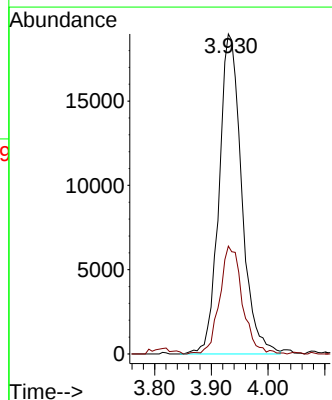
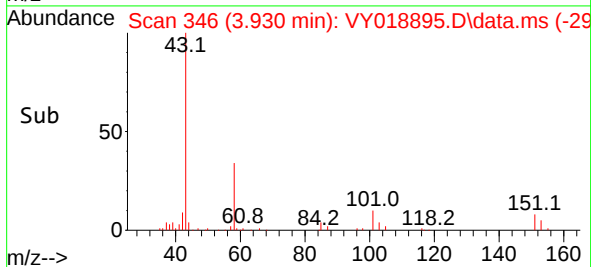
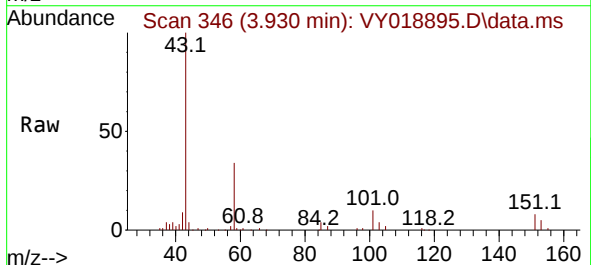


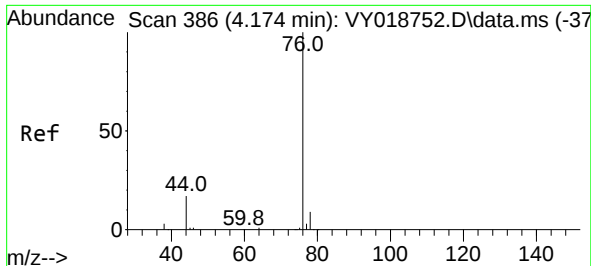
Tgt Ion: 53 Resp: 52337
Ion Ratio Lower Upper
53 100
52 79.0 64.7 97.1
51 38.4 28.4 42.6



#16
Acetone
Concen: 270.727 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 43 Resp: 52619
Ion Ratio Lower Upper
43 100
58 33.4 31.7 47.5

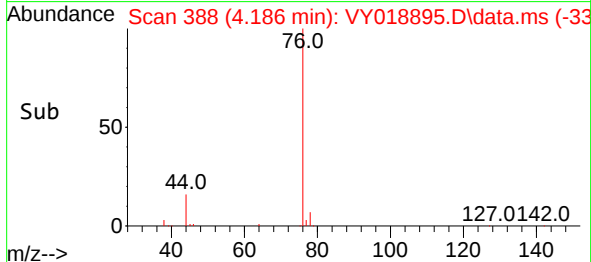
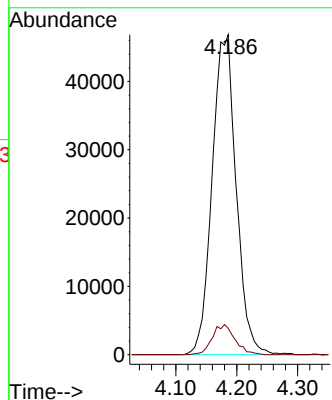
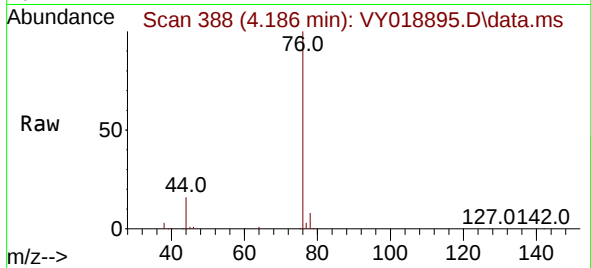




#17
Carbon Disulfide
Concen: 44.302 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.012 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

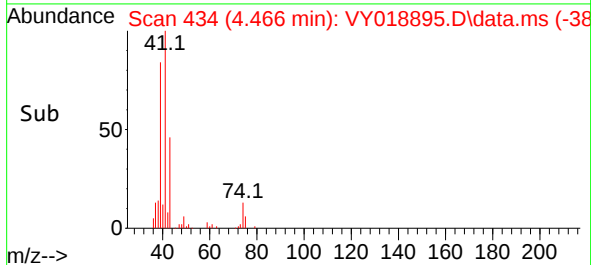
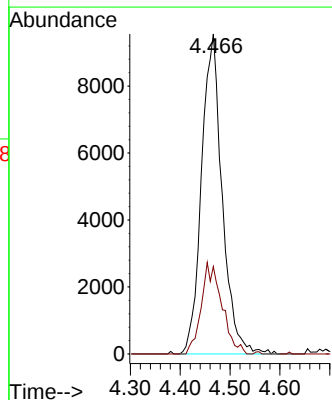
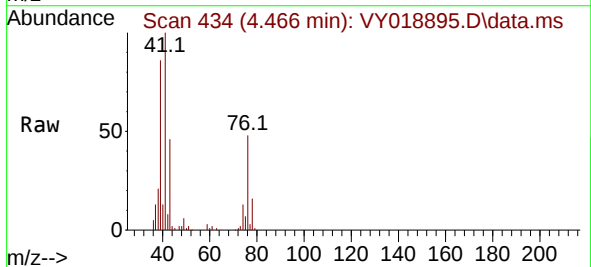
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 128400
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 48.649 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 43 Resp: 27474
Ion Ratio Lower Upper
43 100
74 28.6 23.3 34.9

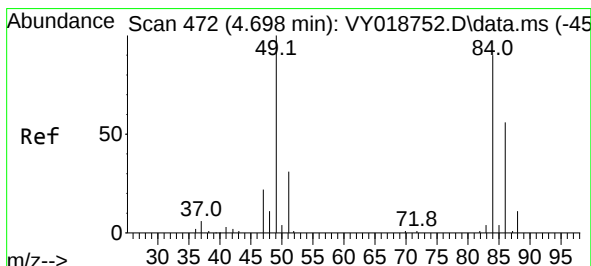
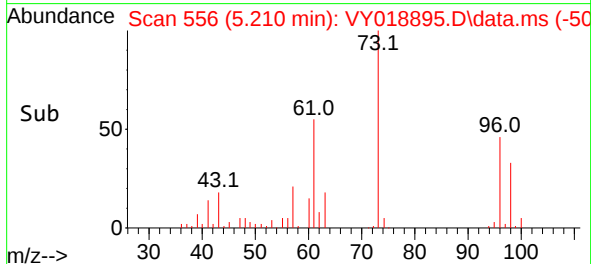
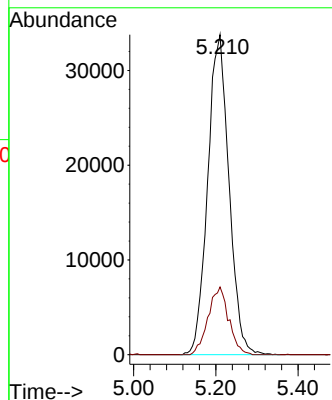
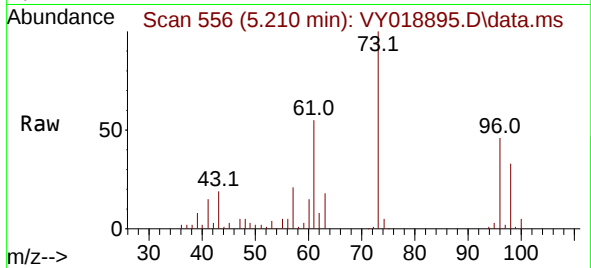




#19
Methyl tert-butyl Ether
Concen: 50.530 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

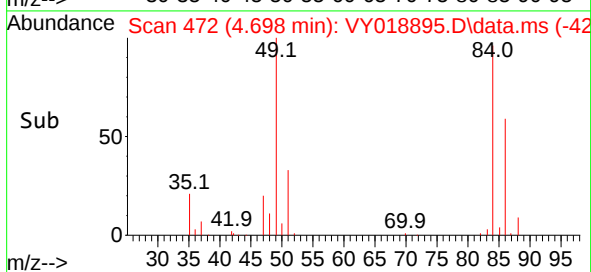
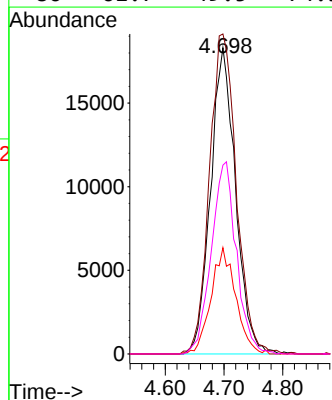
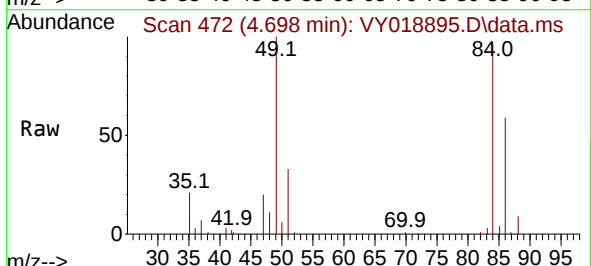
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 121330
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 49.174 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

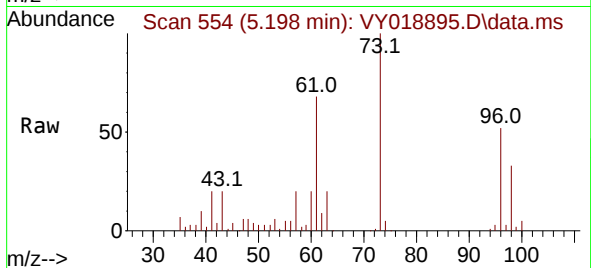
Tgt Ion: 84 Resp: 54217
Ion Ratio Lower Upper
84 100
49 104.5 84.4 126.6
51 34.7 26.0 39.0
86 61.7 49.5 74.3



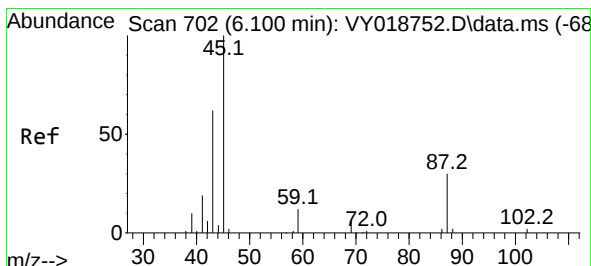
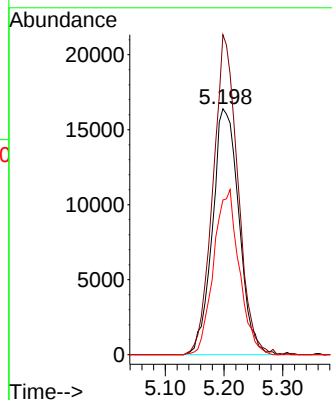
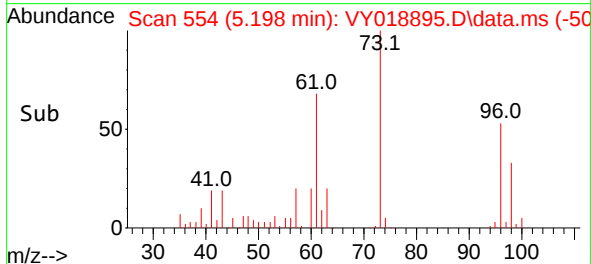


#21
trans-1,2-Dichloroethene
Concen: 47.003 ug/l
RT: 5.198 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

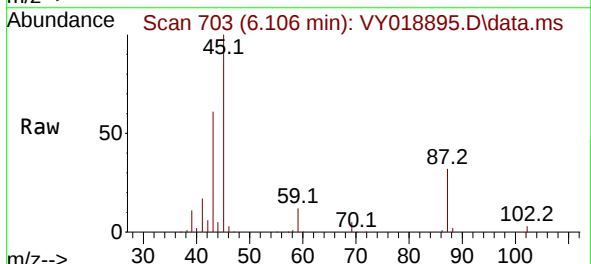
Instrument :
MSVOA_Y
ClientSampleId :



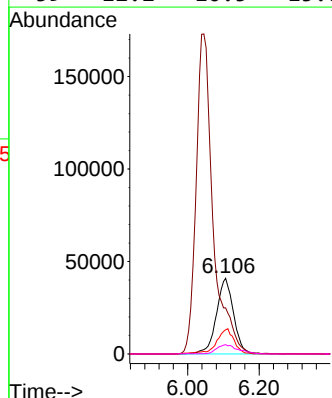
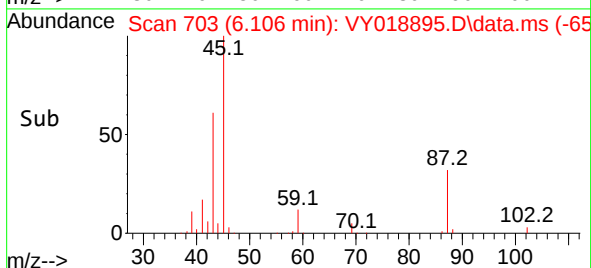
Tgt Ion: 96 Resp: 51348
Ion Ratio Lower Upper
96 100
61 130.2 97.5 146.3
98 63.0 50.5 75.7

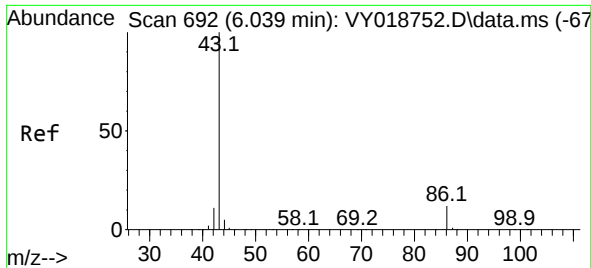


#22
Diisopropyl ether
Concen: 48.817 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28



Tgt Ion: 45 Resp: 136167
Ion Ratio Lower Upper
45 100
43 60.6 42.2 63.2
87 32.0 25.0 37.6
59 12.2 10.5 15.7

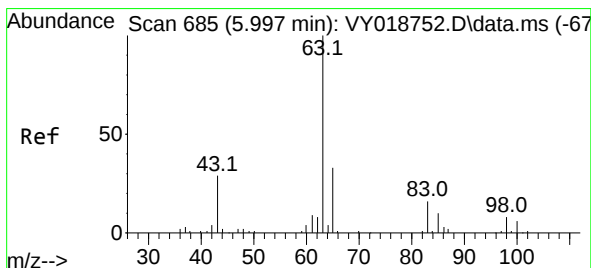
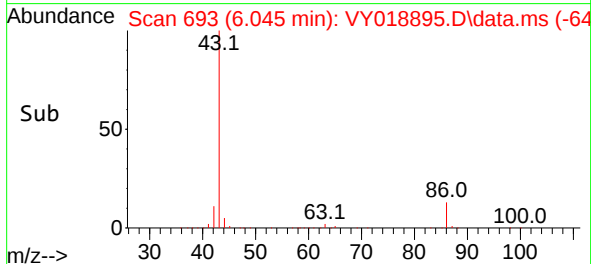
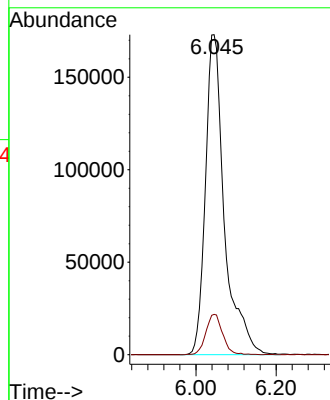
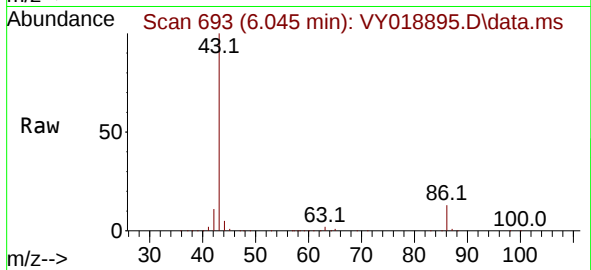




#23
 Vinyl Acetate
 Concen: 258.700 ug/l
 RT: 6.045 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY018895.D
 Acq: 23 Jul 2024 11:28

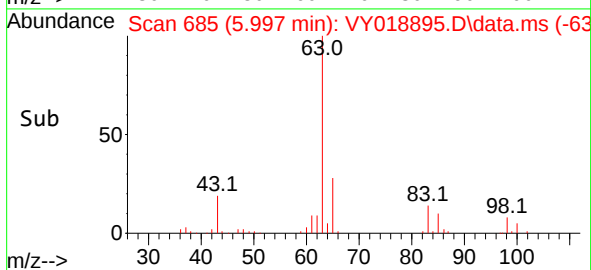
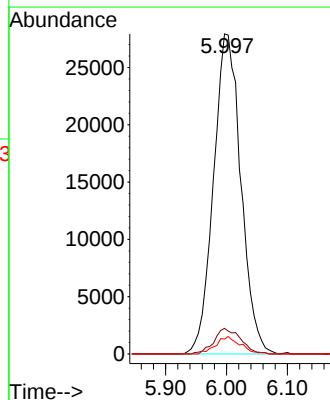
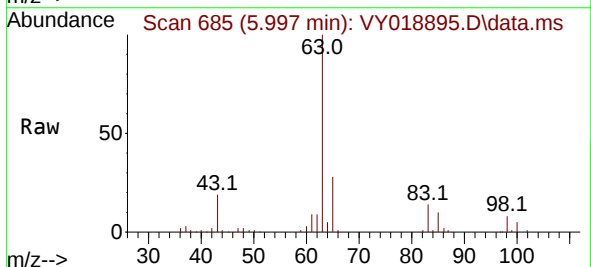
Instrument :
 MSVOA_Y
 ClientSampleId :

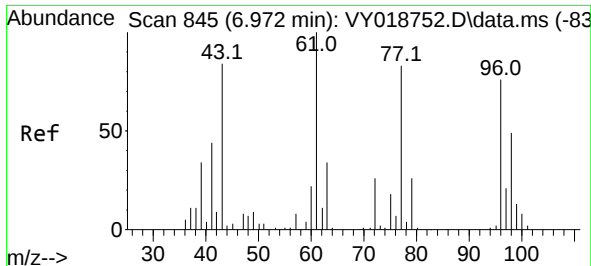
Tgt Ion: 43 Resp: 568501
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.904 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018895.D
 Acq: 23 Jul 2024 11:28

Tgt Ion: 63 Resp: 87094
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 4.6 2.6 8.0

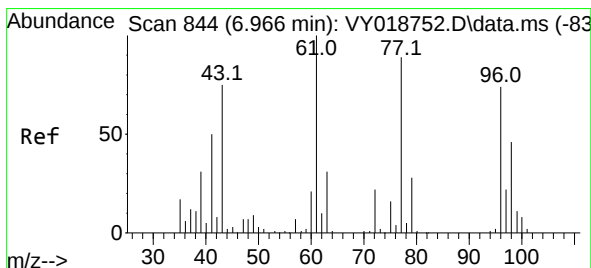
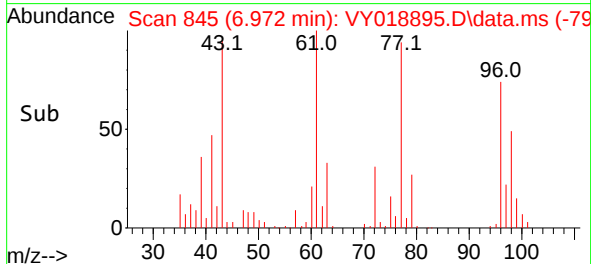
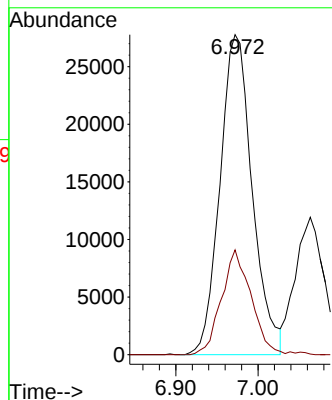
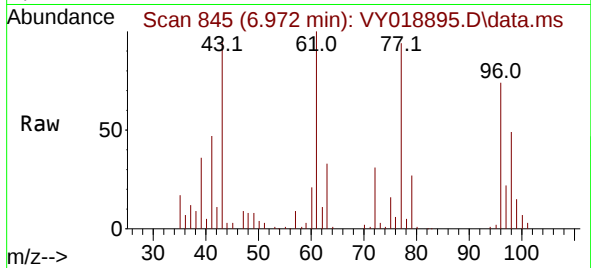




#25
2-Butanone
Concen: 278.541 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

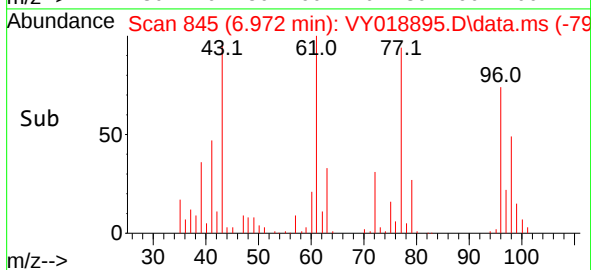
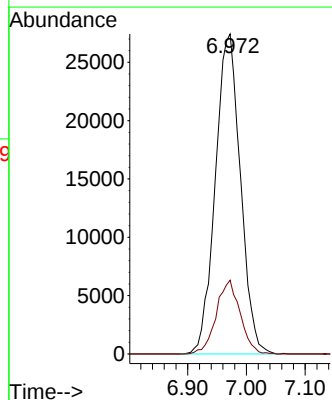
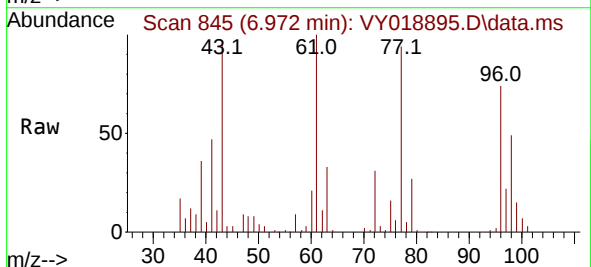
Instrument :
MSVOA_Y
ClientSampleId :

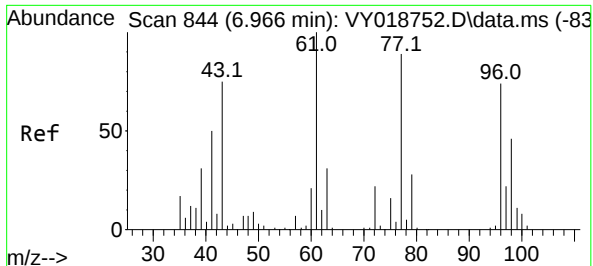
Tgt Ion: 43 Resp: 75886
Ion Ratio Lower Upper
43 100
72 32.7 27.3 40.9



#26
2,2-Dichloropropane
Concen: 49.263 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 77 Resp: 81405
Ion Ratio Lower Upper
77 100
97 22.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 47.645 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

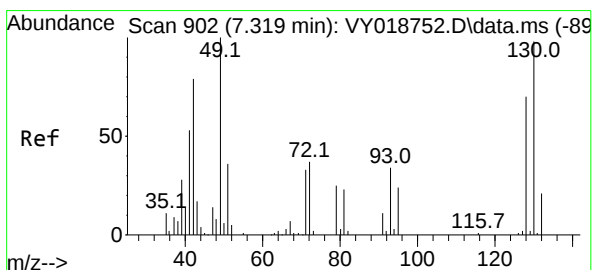
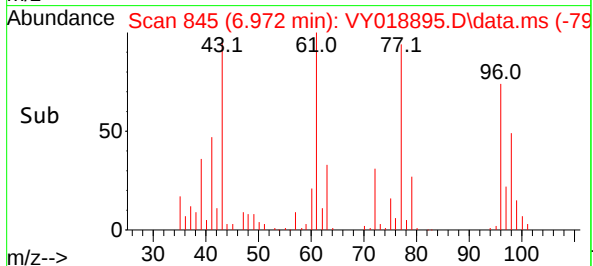
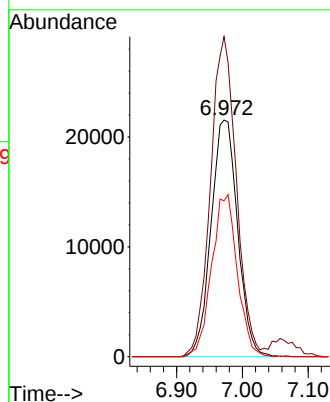
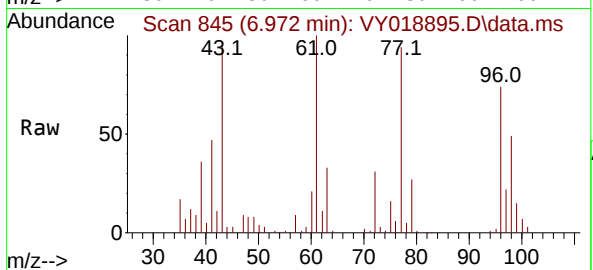
Tgt Ion: 96 Resp: 60599

Ion Ratio Lower Upper

96 100

61 131.5 0.0 256.2

98 66.0 0.0 130.0



#28

Bromochloromethane

Concen: 48.436 ug/l

RT: 7.319 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

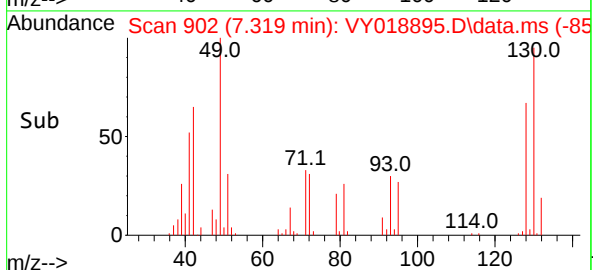
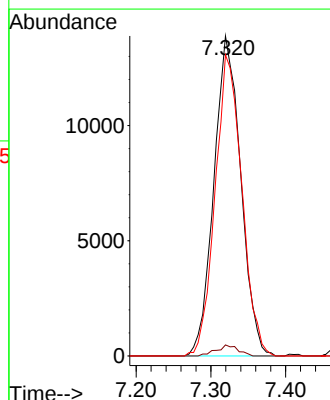
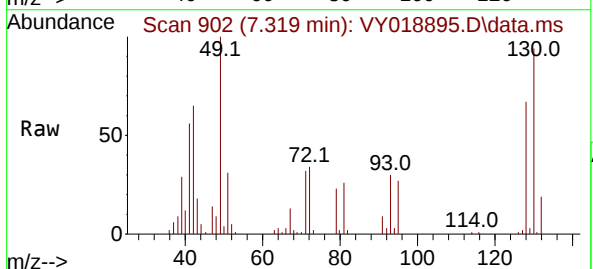
Tgt Ion: 49 Resp: 34646

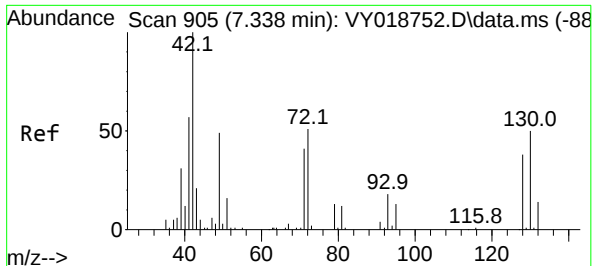
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 93.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 264.849 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

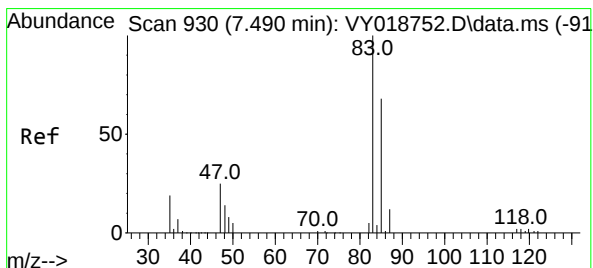
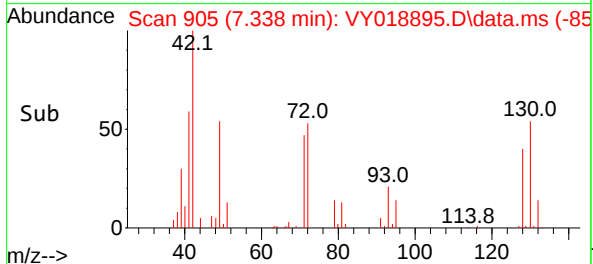
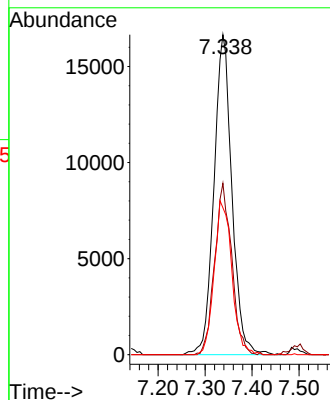
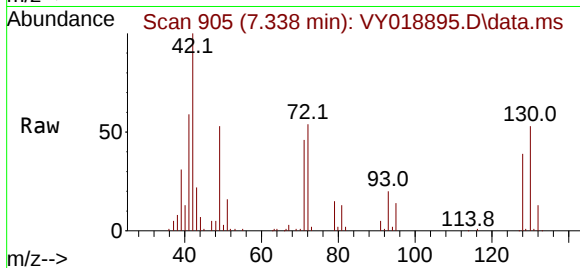
Tgt Ion: 42 Resp: 44236

Ion Ratio Lower Upper

42 100

72 50.9 43.0 64.4

71 47.3 40.8 61.2



#30

Chloroform

Concen: 48.906 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.006 min

Lab File: VY018895.D

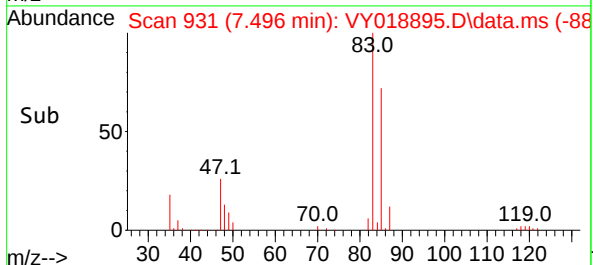
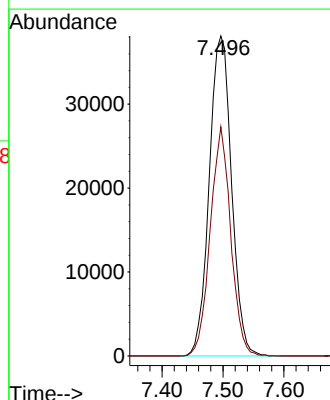
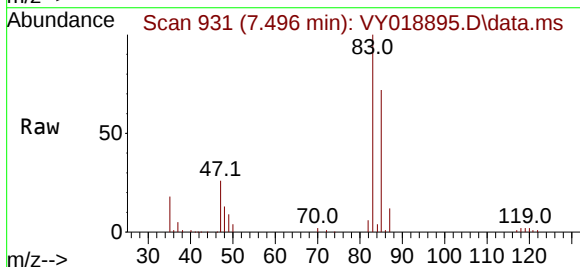
Acq: 23 Jul 2024 11:28

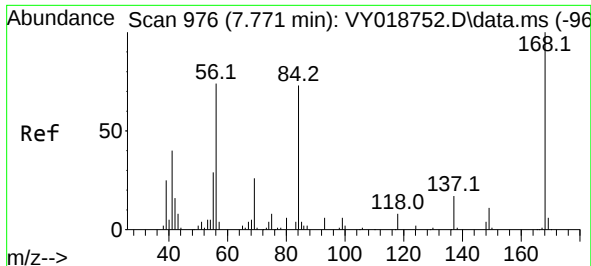
Tgt Ion: 83 Resp: 97071

Ion Ratio Lower Upper

83 100

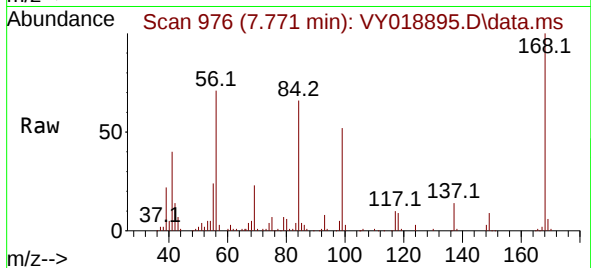
85 71.6 52.2 78.4



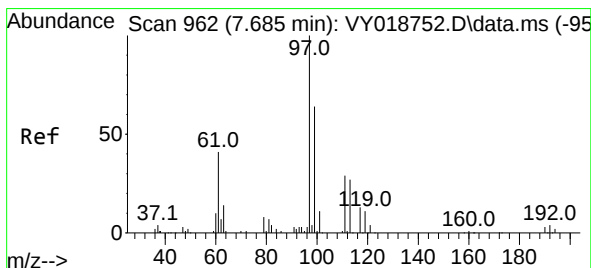
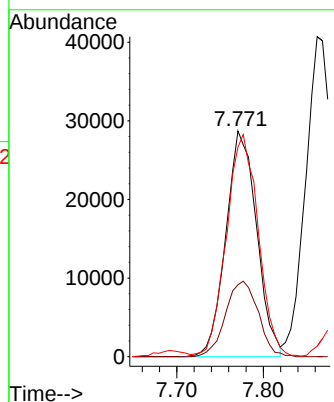
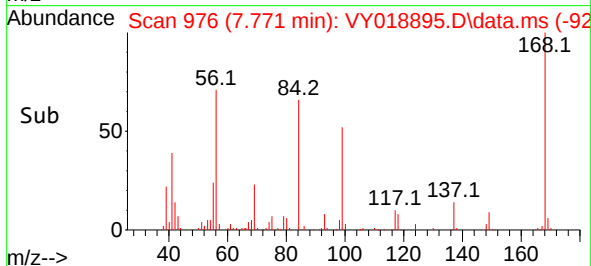


#31
Cyclohexane
Concen: 43.797 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

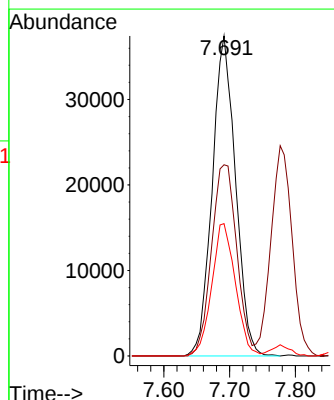
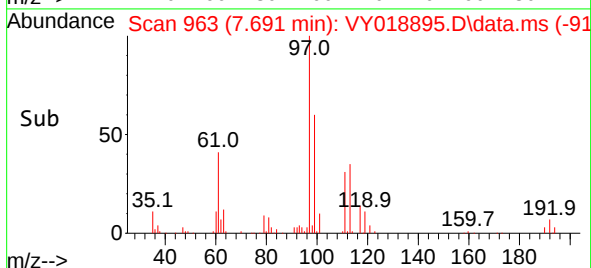
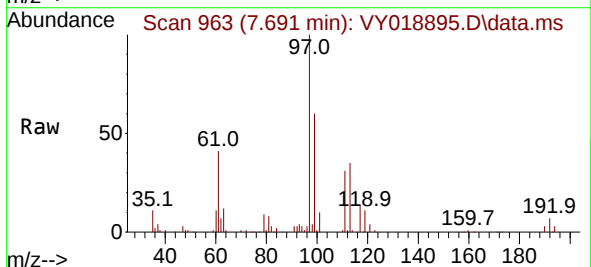


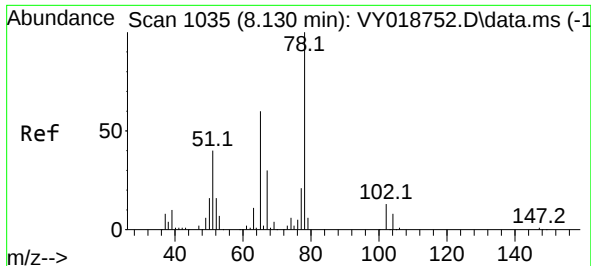
Tgt Ion: 56 Resp: 70936
Ion Ratio Lower Upper
56 100
69 31.8 28.7 43.1
84 90.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.974 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 97 Resp: 92236
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.124 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

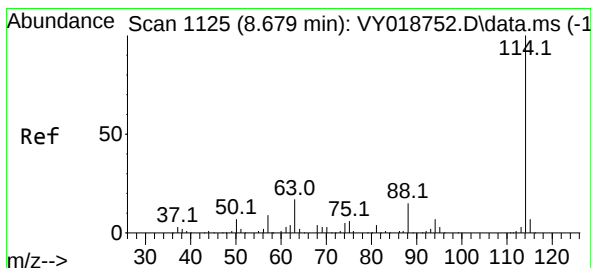
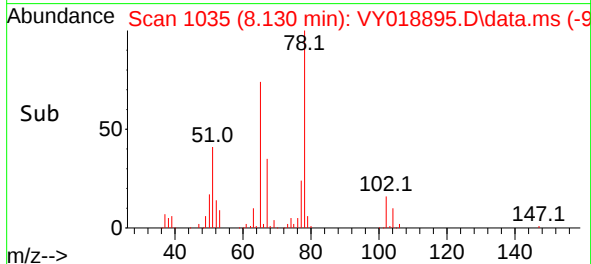
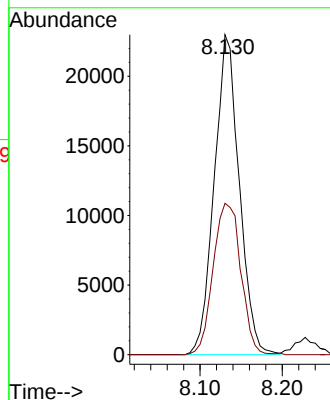
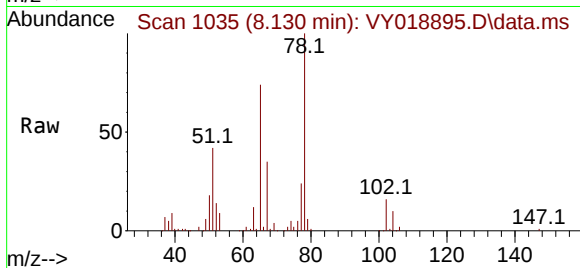
ClientSampleId :

Tgt Ion: 65 Resp: 48626

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

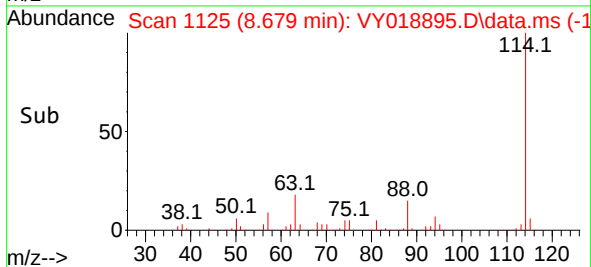
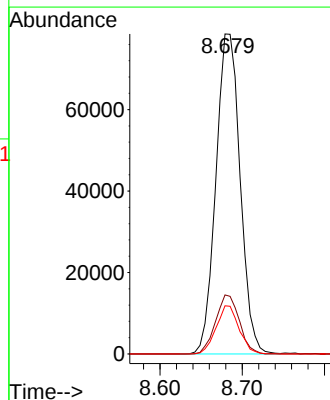
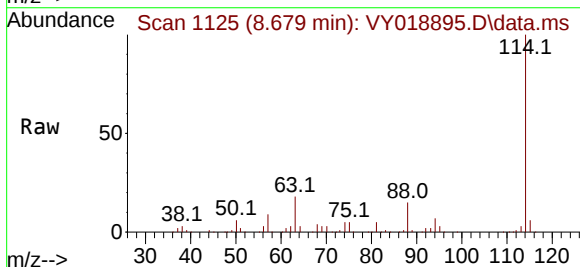
Tgt Ion: 114 Resp: 161313

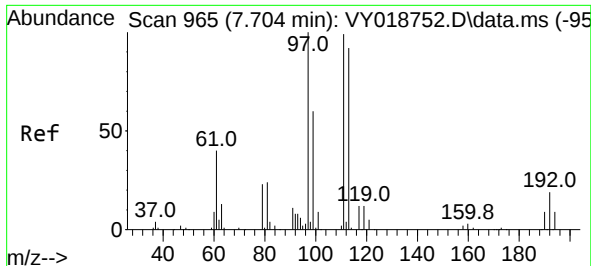
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

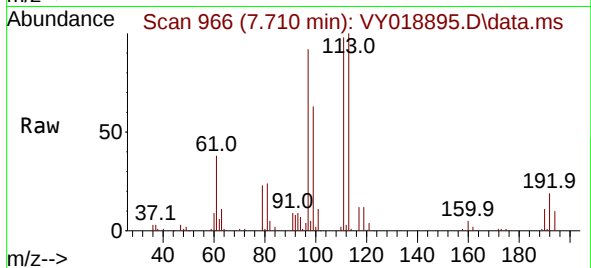
88 15.1 0.0 27.2



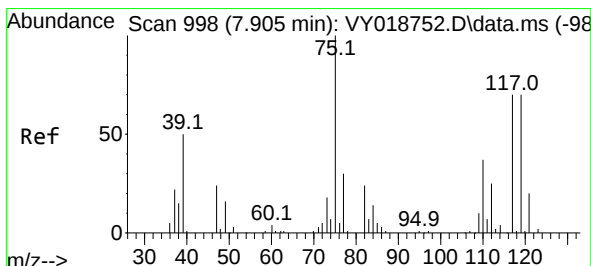
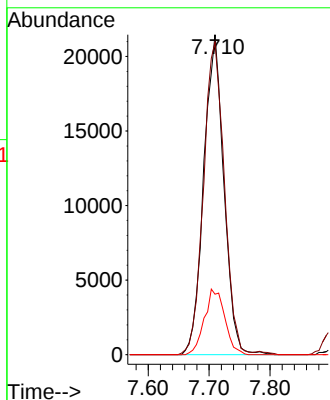
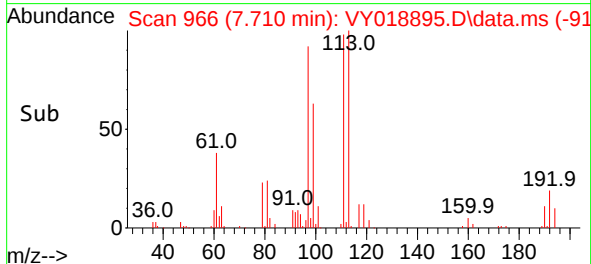


#35
Dibromofluoromethane
Concen: 48.805 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

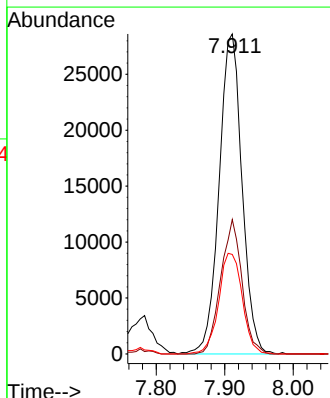
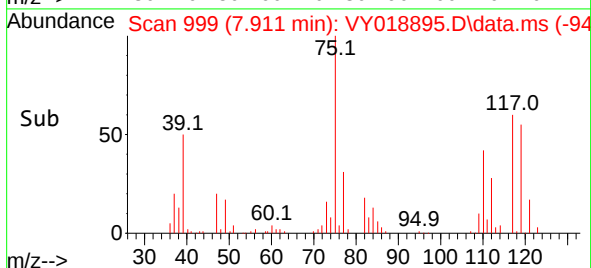
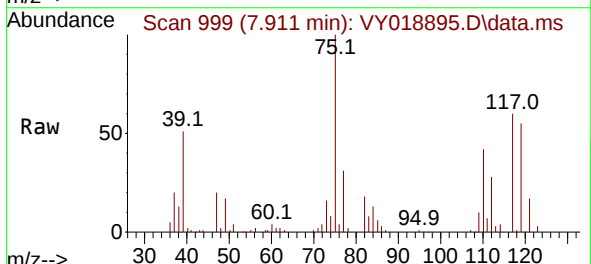


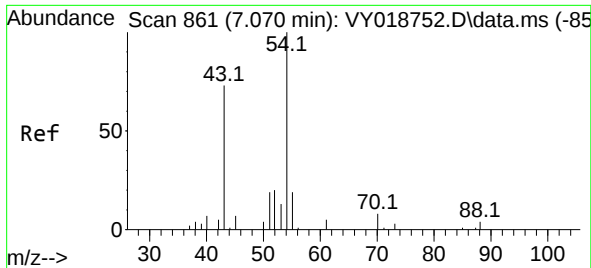
Tgt Ion:113 Resp: 49309
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.587 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

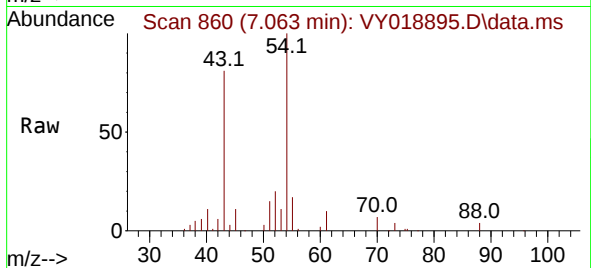
Tgt Ion: 75 Resp: 66350
Ion Ratio Lower Upper
75 100
110 39.0 19.0 57.0
77 32.4 25.3 37.9



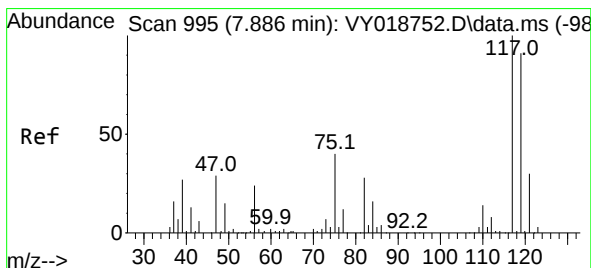
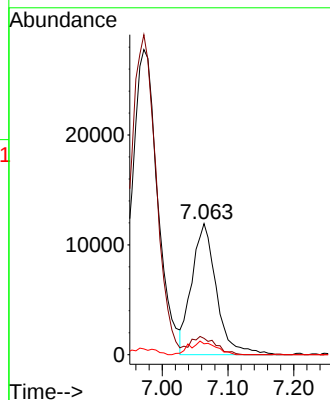
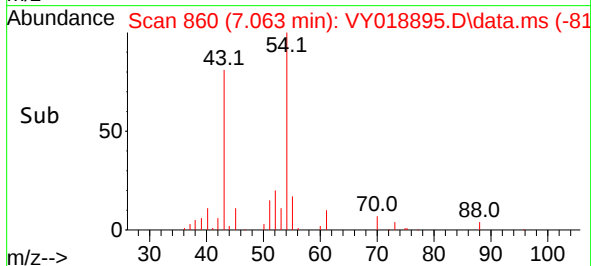


#37
Ethyl Acetate
Concen: 53.495 ug/l
RT: 7.063 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

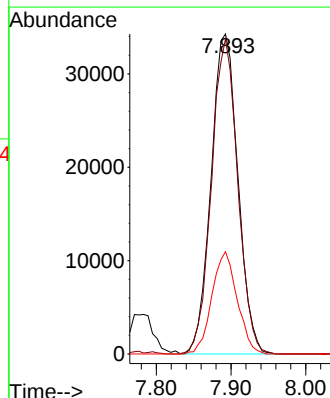
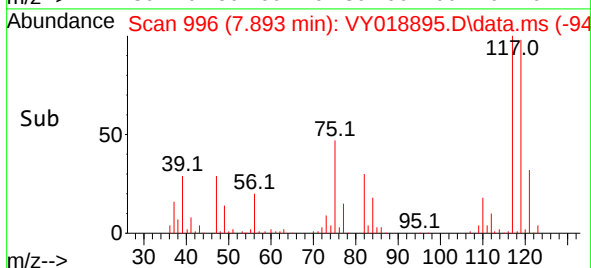
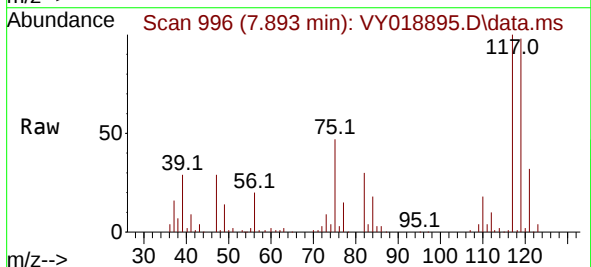


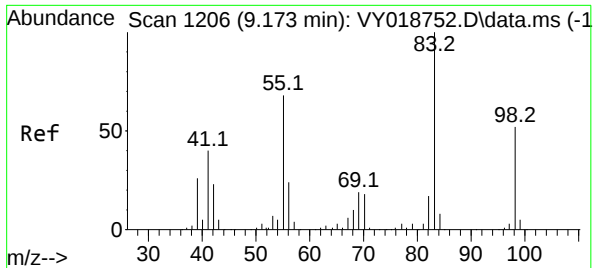
Tgt Ion: 43	Resp: 31003
Ion Ratio	Lower Upper
43	100
61	13.0 12.6 19.0
70	10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.063 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 117	Resp: 85752
Ion Ratio	Lower Upper
117	100
119	98.4 75.8 113.6
121	32.0 24.0 36.0





#39

Methylcyclohexane

Concen: 49.220 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

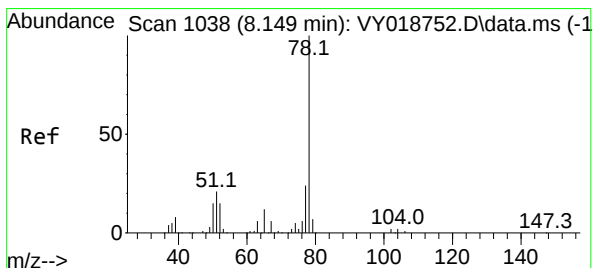
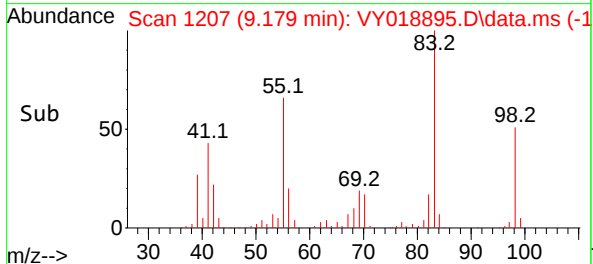
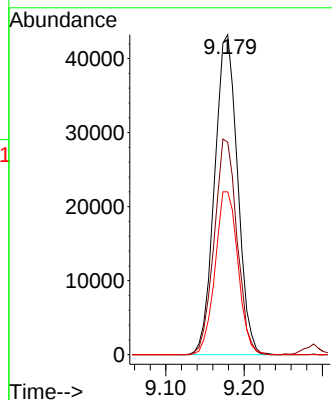
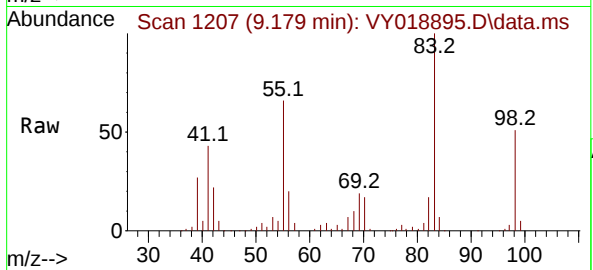
Tgt Ion: 83 Resp: 87946

Ion Ratio Lower Upper

83 100

55 66.4 51.5 77.3

98 50.9 40.5 60.7



#40

Benzene

Concen: 49.087 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY018895.D

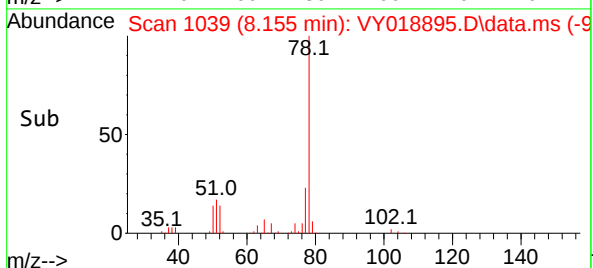
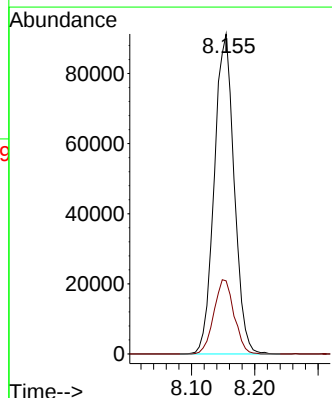
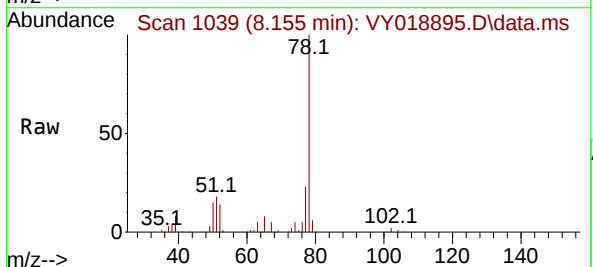
Acq: 23 Jul 2024 11:28

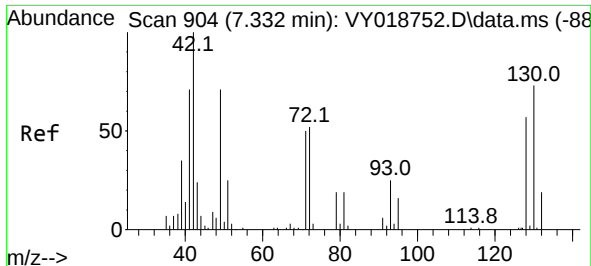
Tgt Ion: 78 Resp: 198542

Ion Ratio Lower Upper

78 100

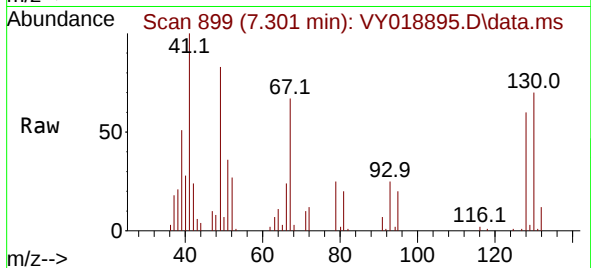
77 22.9 19.5 29.3



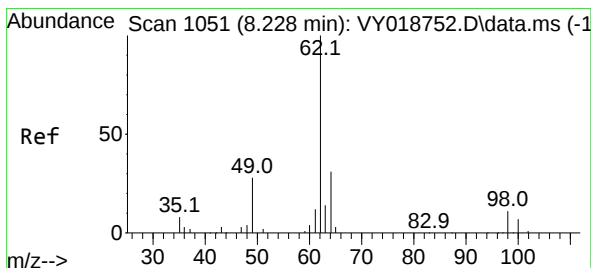
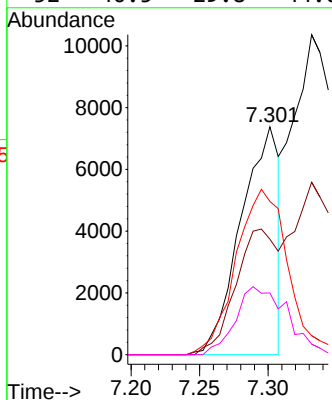
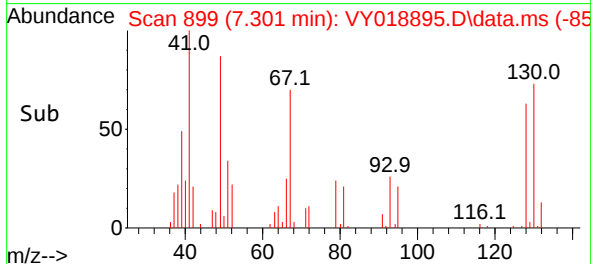


#41
Methacrylonitrile
Concen: 43.345 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.031 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

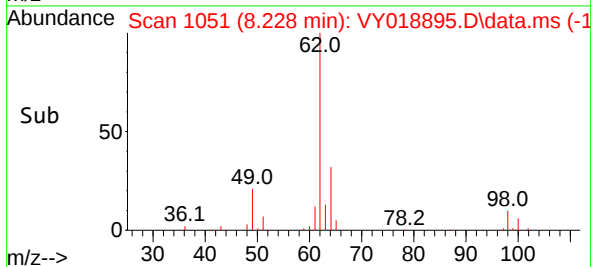
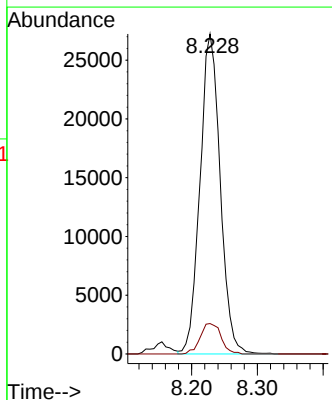
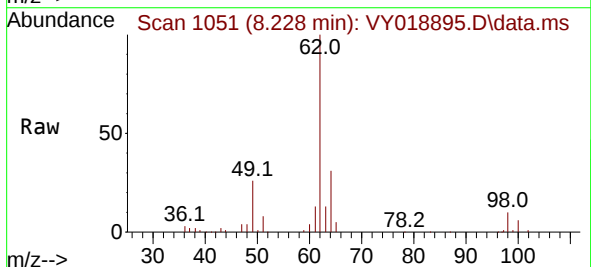


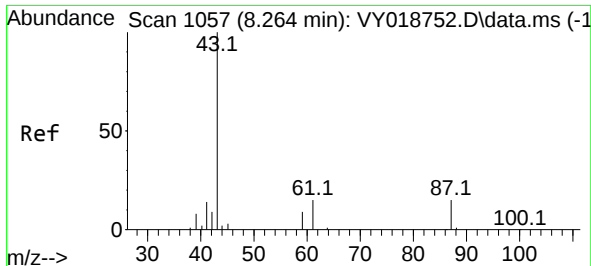
Tgt Ion:	41	Resp:	14322
Ion	Ratio	Lower	Upper
41	100		
39	60.1	48.0	72.0
67	98.6	75.1	112.7
52	40.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 51.479 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion:	62	Resp:	58297
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	22.0

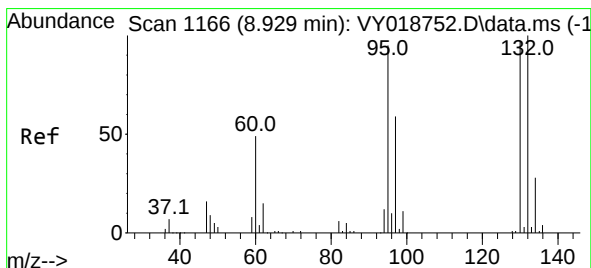
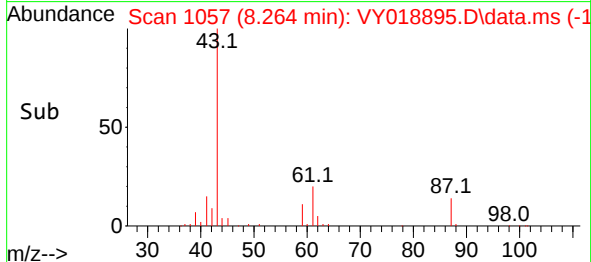
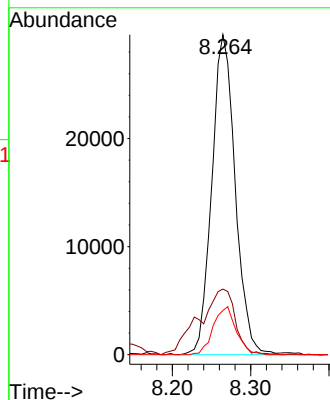
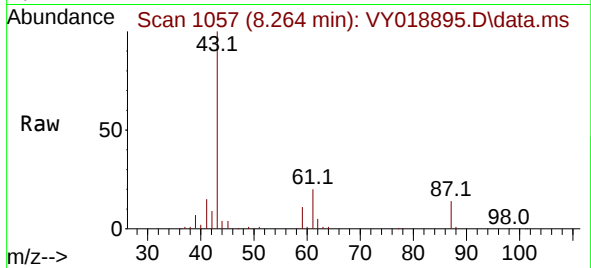




#43
Isopropyl Acetate
Concen: 53.345 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

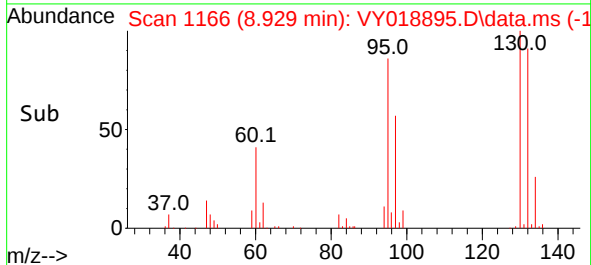
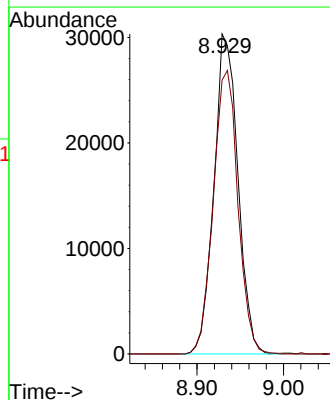
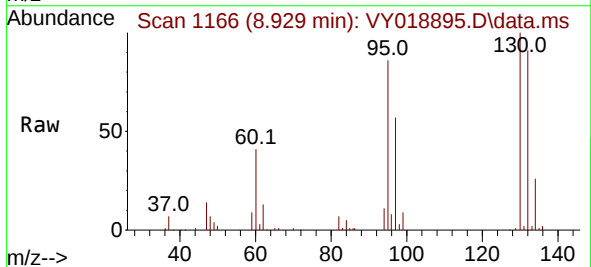
Instrument :
MSVOA_Y
ClientSampleId :

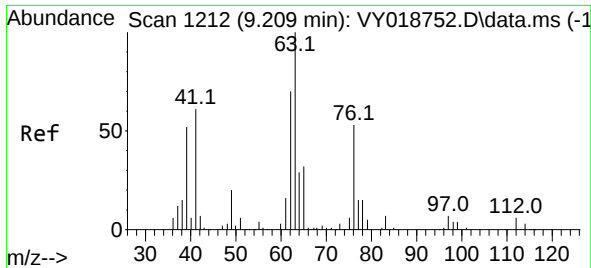
Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.6	27.9	41.9
87	14.7	13.1	19.7



#44
Trichloroethene
Concen: 50.494 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.6	0.0	188.0

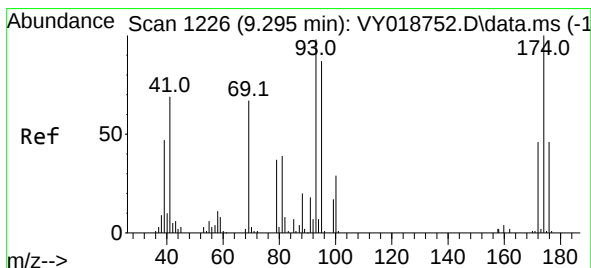
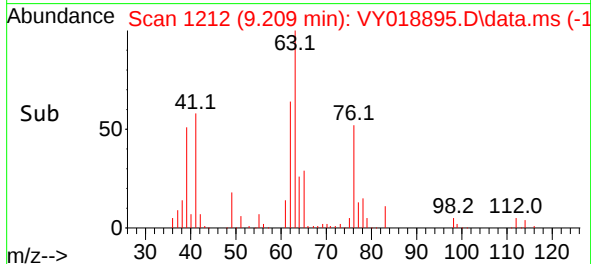
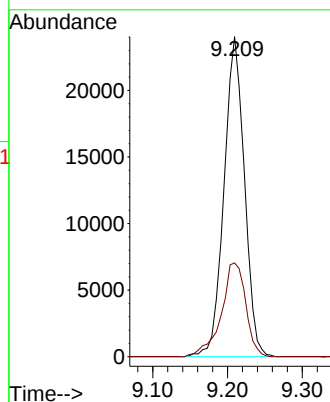
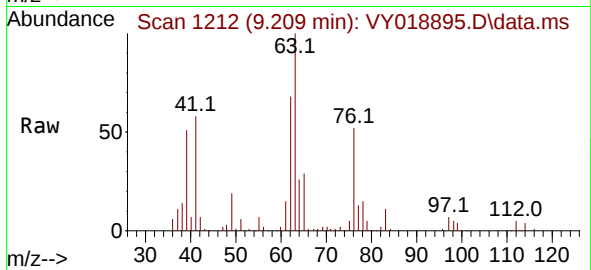




#45
1,2-Dichloropropane
Concen: 51.893 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

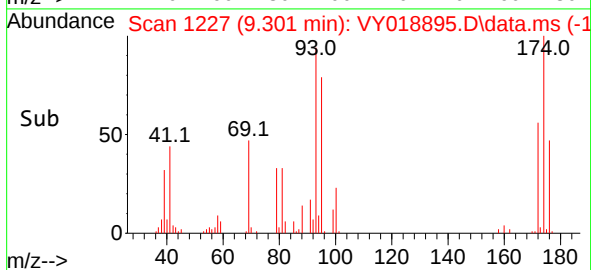
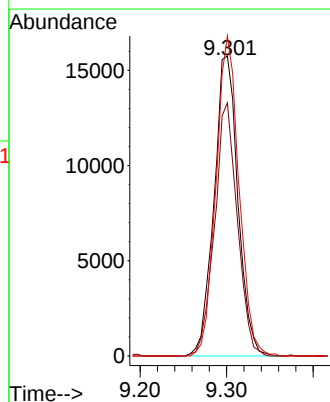
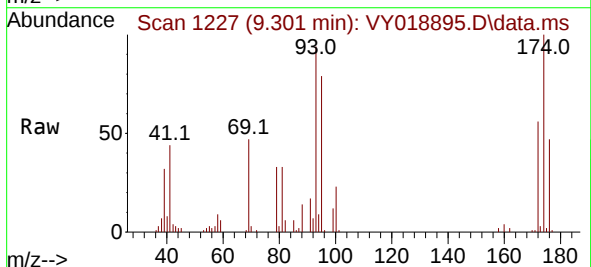
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 45706
Ion Ratio Lower Upper
63 100
65 29.3 25.4 38.2



#46
Dibromomethane
Concen: 52.859 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 93 Resp: 30178
Ion Ratio Lower Upper
93 100
95 80.4 66.2 99.4
174 102.9 80.9 121.3

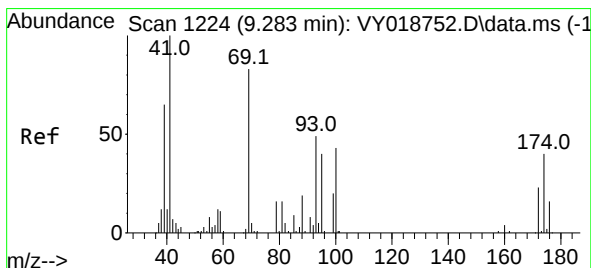
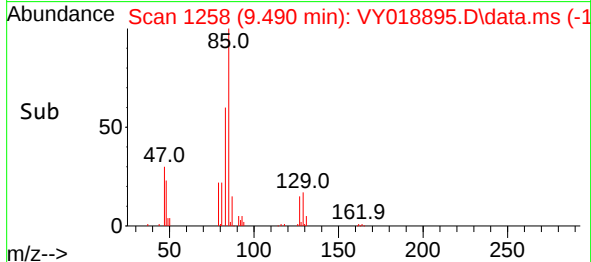
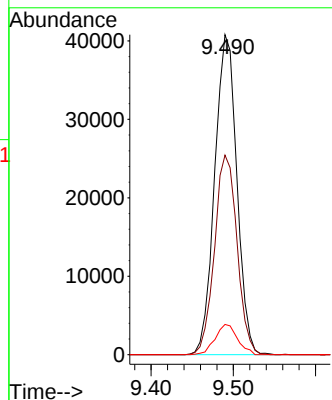
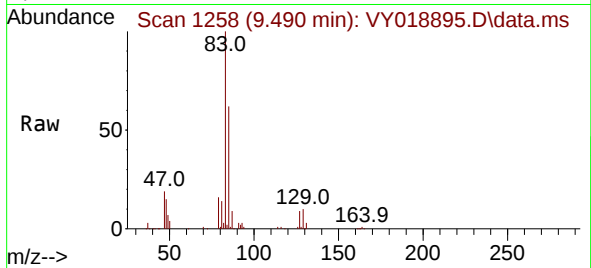




#47
Bromodichloromethane
Concen: 53.471 ug/l
RT: 9.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

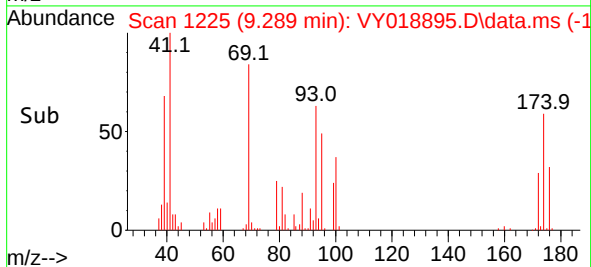
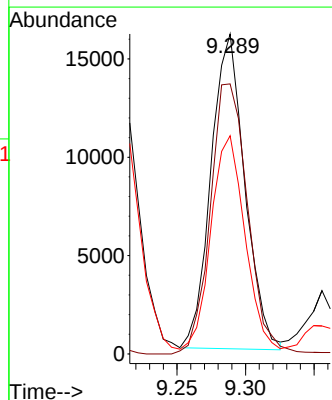
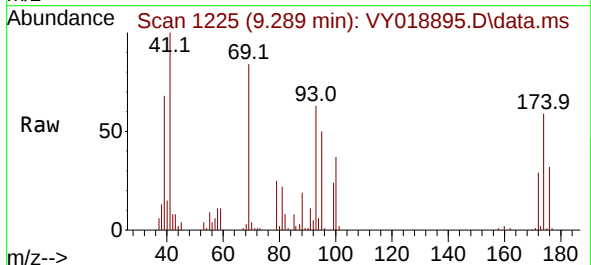
Instrument :
MSVOA_Y
ClientSampleId :

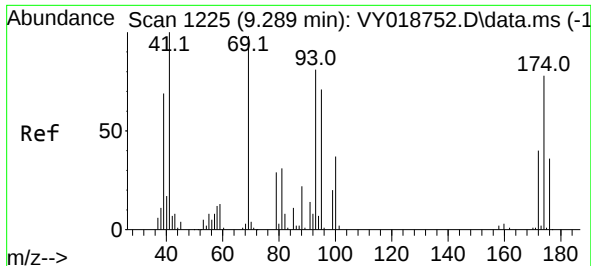
Tgt Ion: 83 Resp: 76262
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 9.4 7.4 11.0



#48
Methyl methacrylate
Concen: 52.397 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 41 Resp: 27465
Ion Ratio Lower Upper
41 100
69 95.0 84.1 126.1
39 67.9 43.6 65.4#





#49

1,4-Dioxane

Concen: 1166.550 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

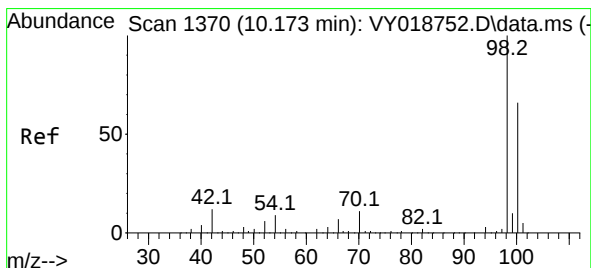
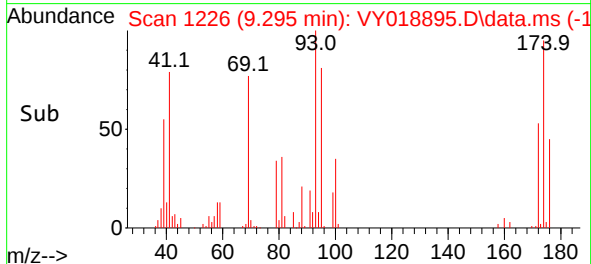
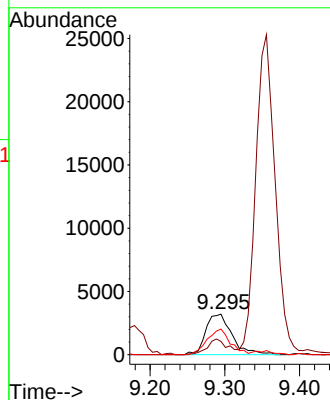
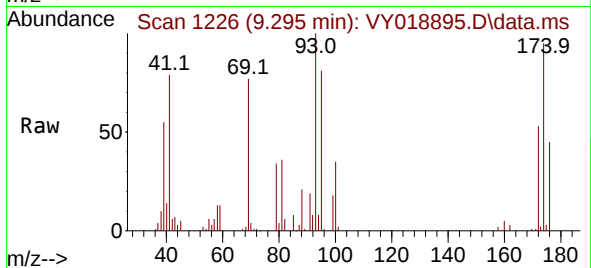
Tgt Ion: 88 Resp: 7807

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 55.5 49.3 73.9



#50

Toluene-d8

Concen: 46.476 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018895.D

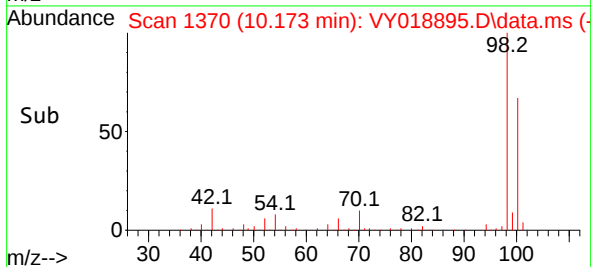
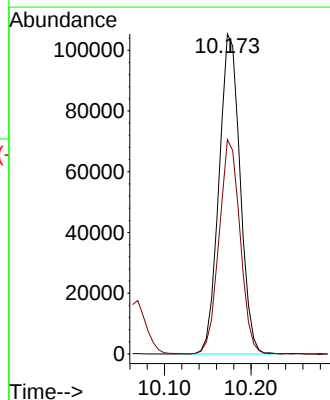
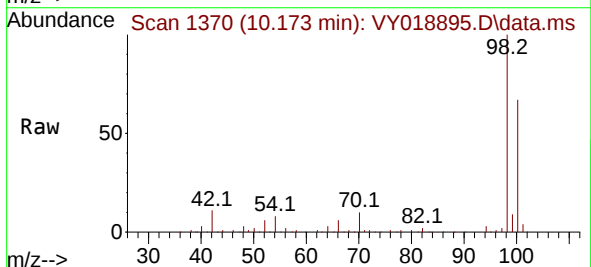
Acq: 23 Jul 2024 11:28

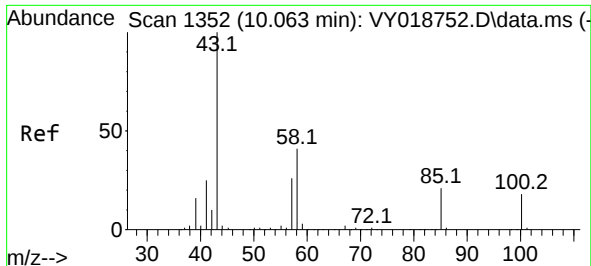
Tgt Ion: 98 Resp: 177897

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

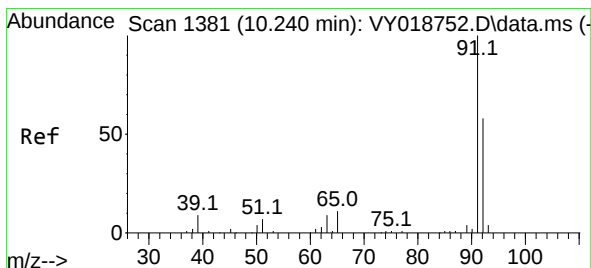
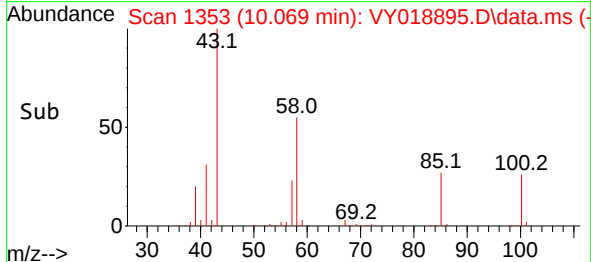
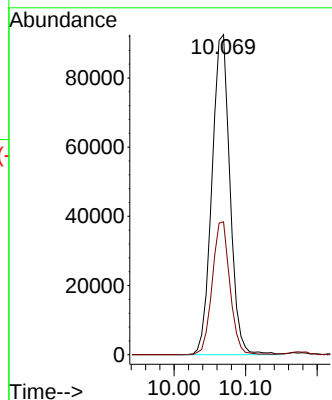
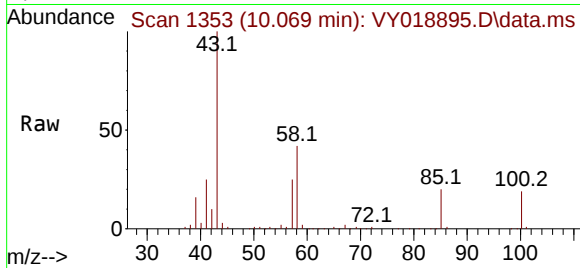




#51
4-Methyl-2-Pentanone
Concen: 275.063 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

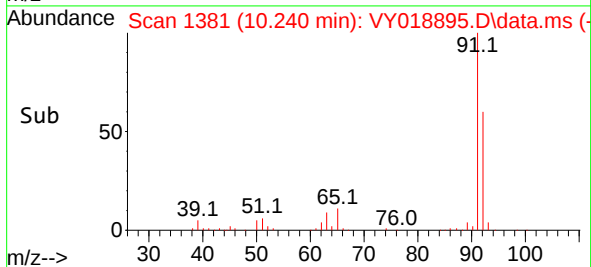
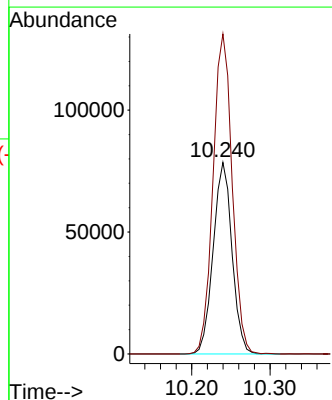
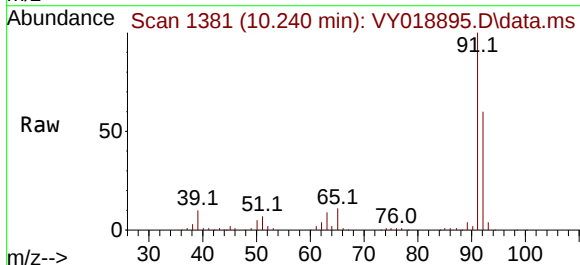
Instrument :
MSVOA_Y
ClientSampleId :

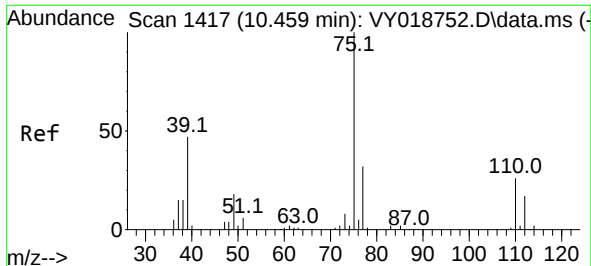
Tgt Ion: 43 Resp: 161952
Ion Ratio Lower Upper
43 100
58 40.7 35.7 53.5



#52
Toluene
Concen: 48.688 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 92 Resp: 130890
Ion Ratio Lower Upper
92 100
91 170.0 139.0 208.6

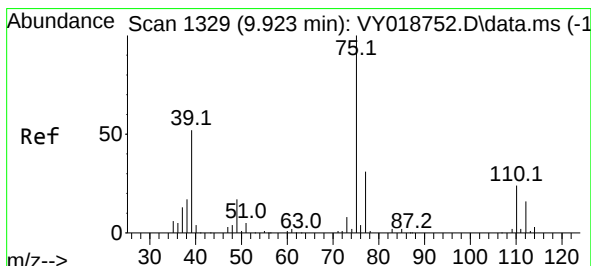
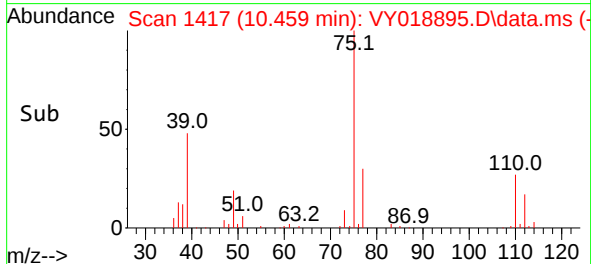
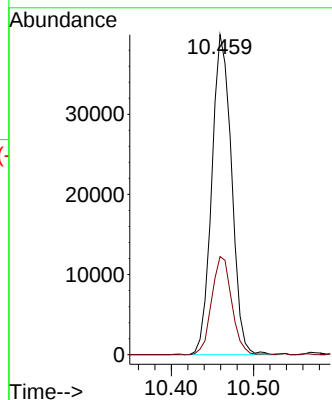
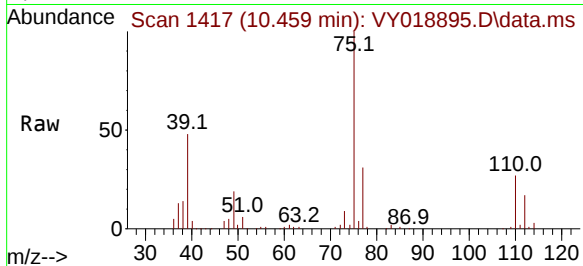




#53
t-1,3-Dichloropropene
Concen: 54.120 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

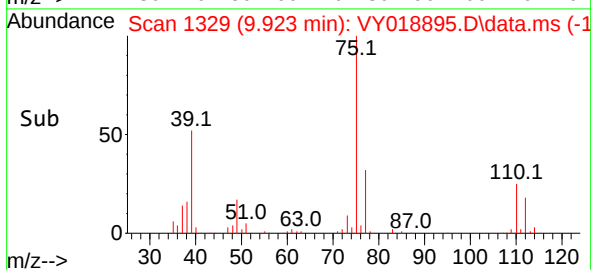
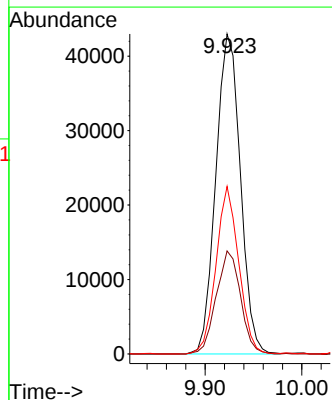
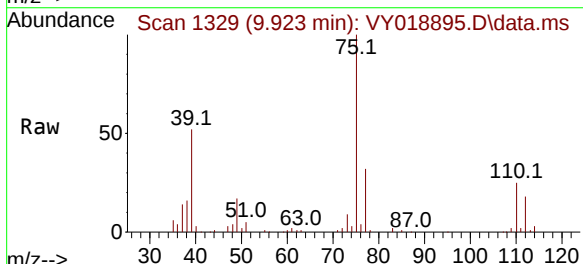
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66645
Ion Ratio Lower Upper
75 100
77 30.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.441 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 75 Resp: 75759
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 52.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 52.255 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 37778

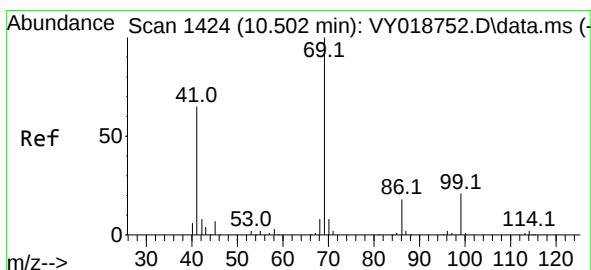
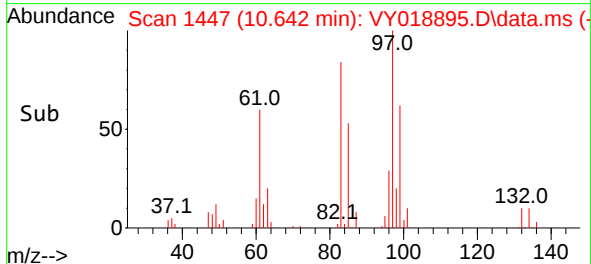
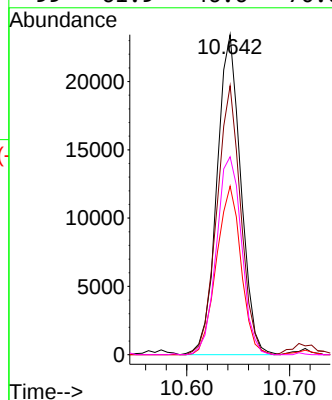
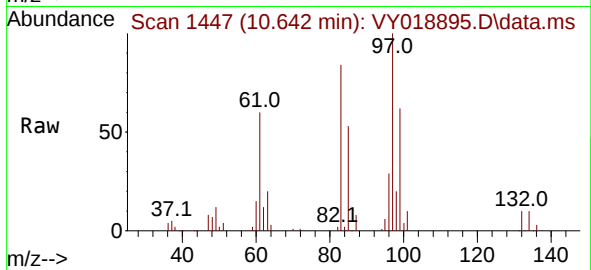
Ion Ratio Lower Upper

97 100

83 84.1 67.5 101.3

85 52.7 42.9 64.3

99 61.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.877 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

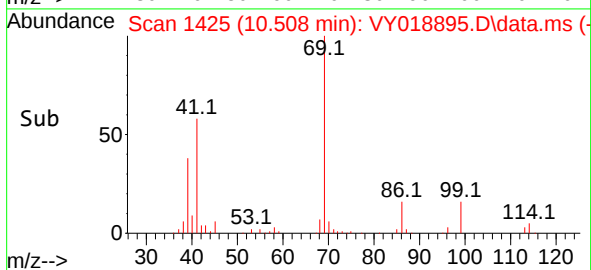
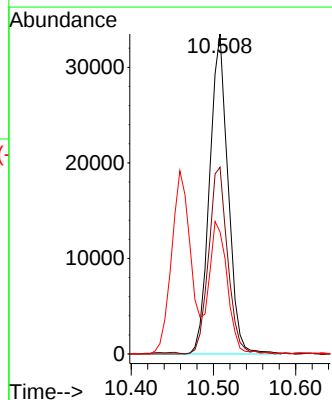
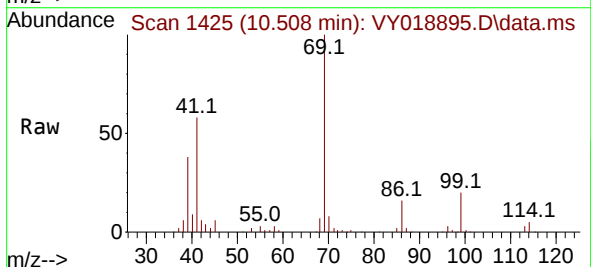
Tgt Ion: 69 Resp: 52233

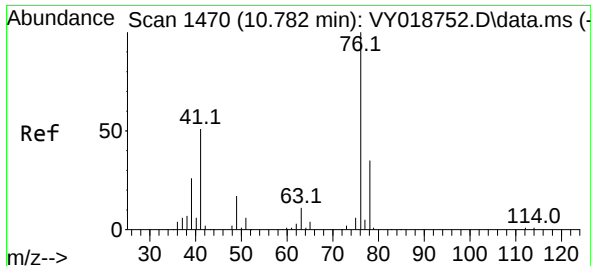
Ion Ratio Lower Upper

69 100

41 60.5 42.3 63.5

39 40.9 22.9 34.3#

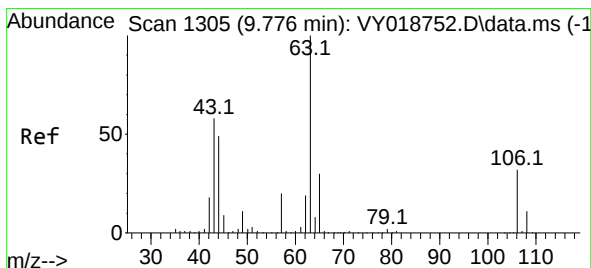
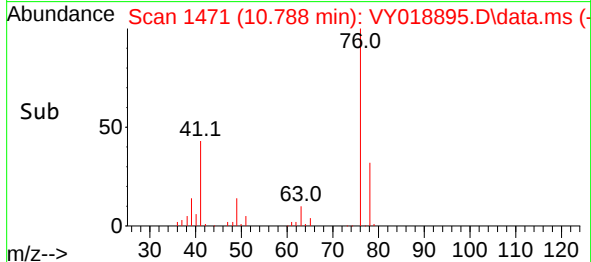
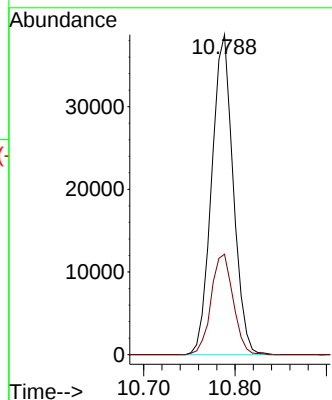
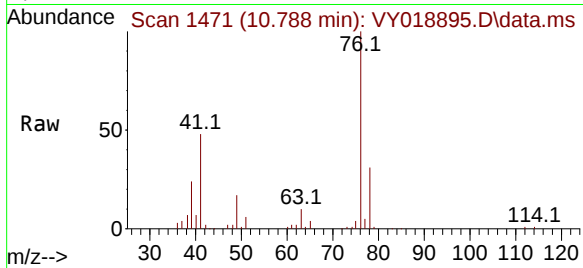




#57
1,3-Dichloropropane
Concen: 52.752 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

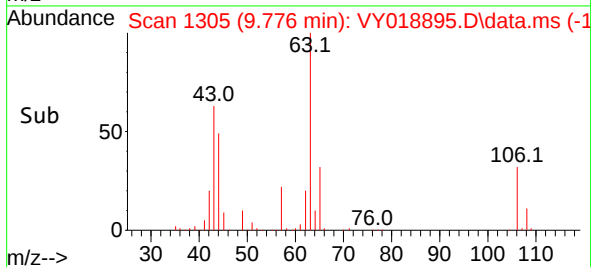
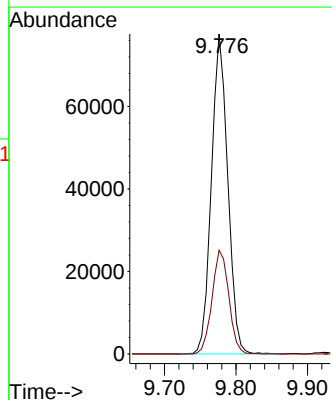
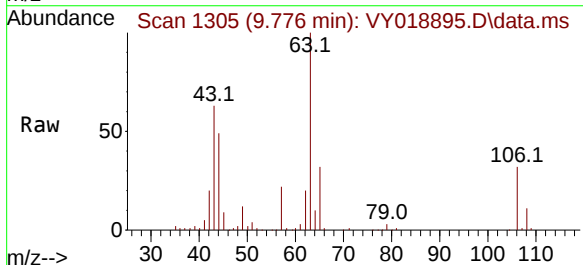
Instrument :
MSVOA_Y
ClientSampleId :

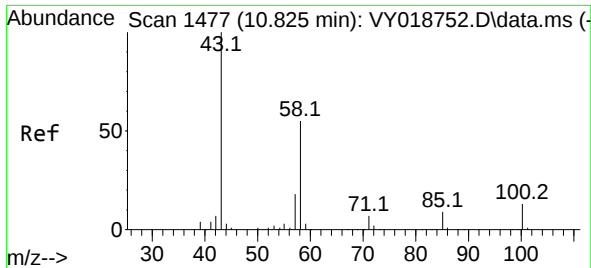
Tgt Ion: 76 Resp: 63221
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 270.656 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 63 Resp: 123076
Ion Ratio Lower Upper
63 100
106 33.2 23.7 35.5

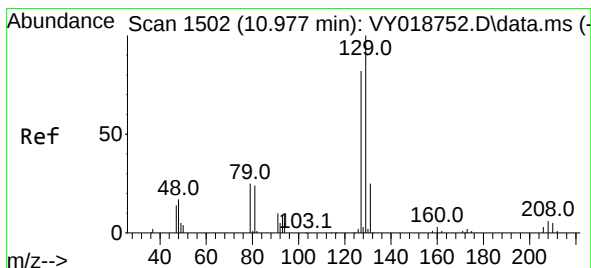
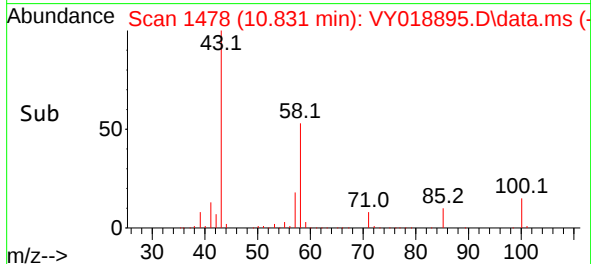
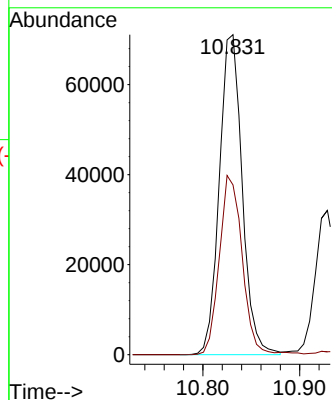
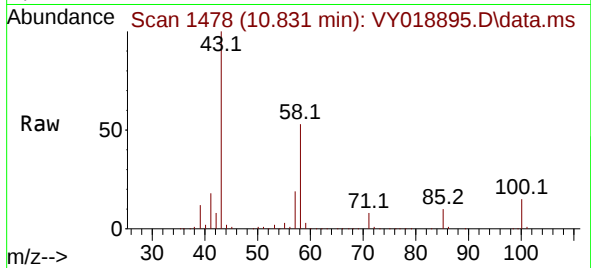




#59
2-Hexanone
Concen: 282.968 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

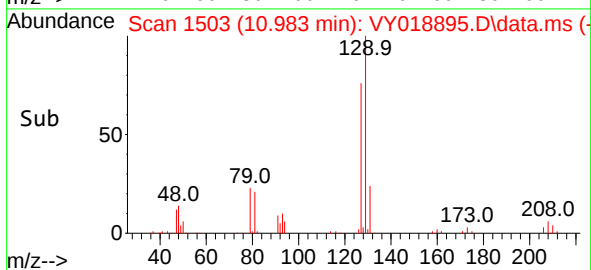
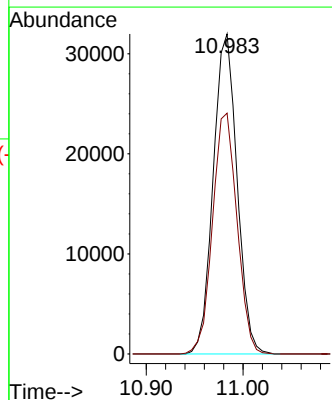
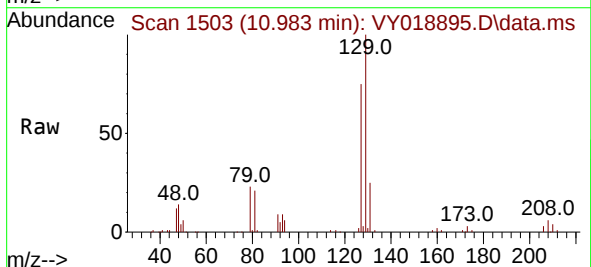
Instrument :
MSVOA_Y
ClientSampleId :

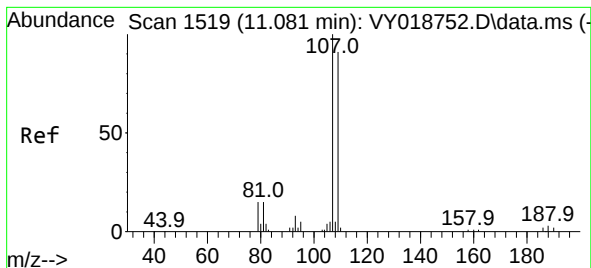
Tgt Ion: 43 Resp: 116557
Ion Ratio Lower Upper
43 100
58 56.2 31.4 94.0



#60
Dibromochloromethane
Concen: 55.050 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion:129 Resp: 54683
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.339 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

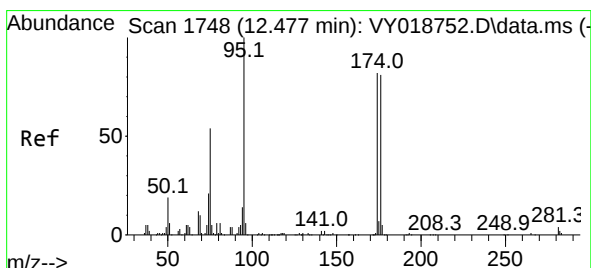
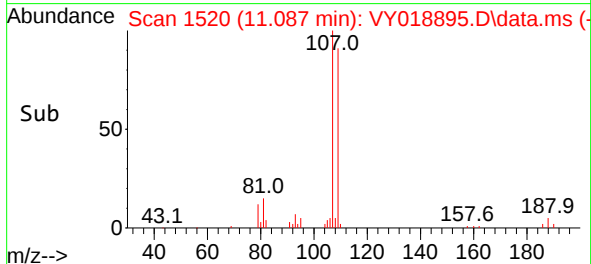
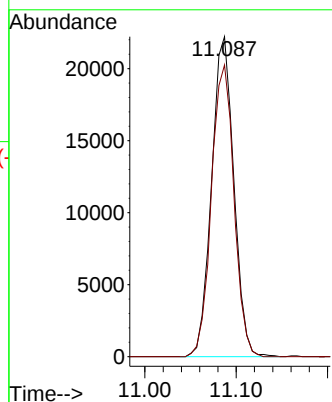
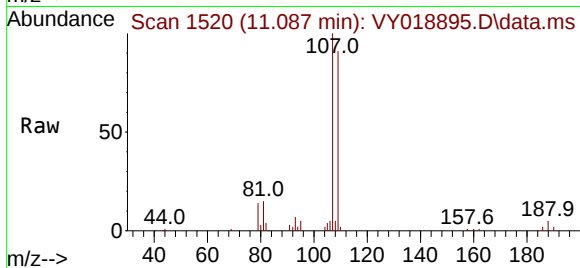
ClientSampleId :

Tgt Ion:107 Resp: 37489

Ion Ratio Lower Upper

107 100

109 92.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 45.491 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

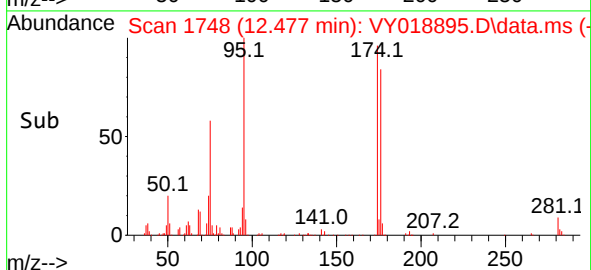
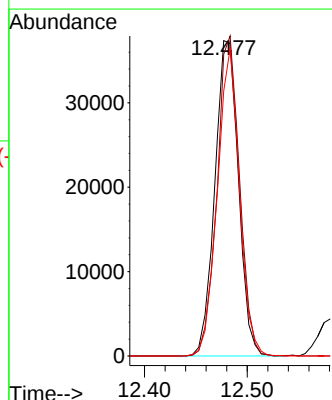
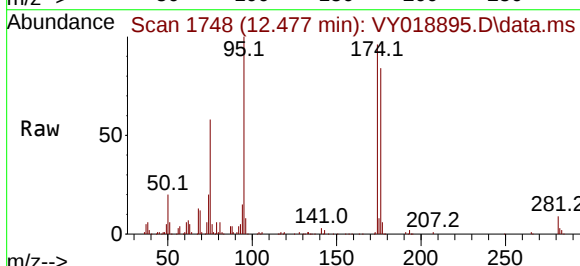
Tgt Ion: 95 Resp: 59466

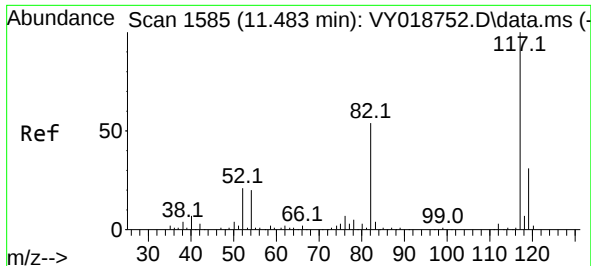
Ion Ratio Lower Upper

95 100

174 97.0 0.0 175.6

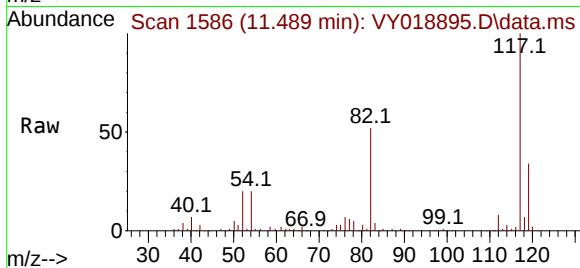
176 91.3 0.0 171.4



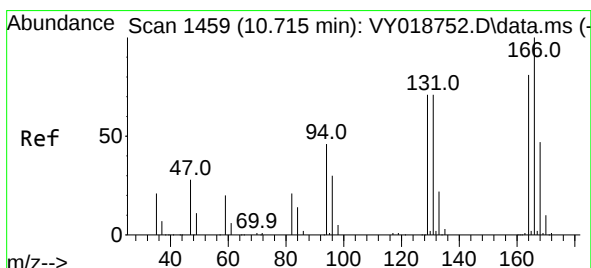
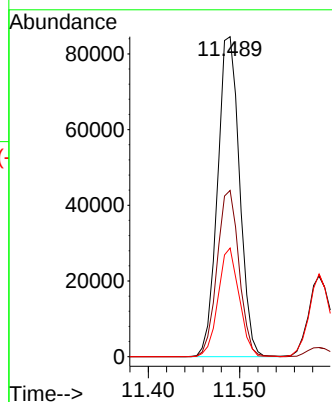
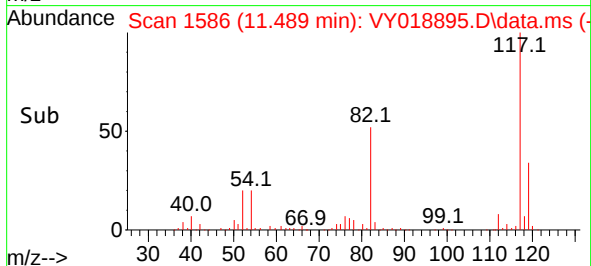


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

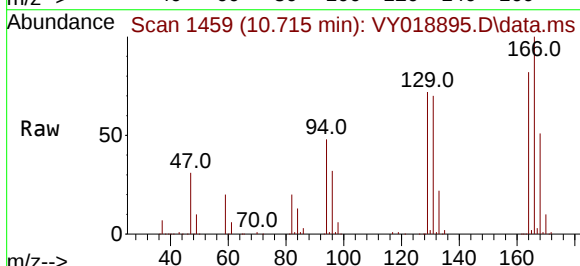
Instrument :
MSVOA_Y
ClientSampleId :



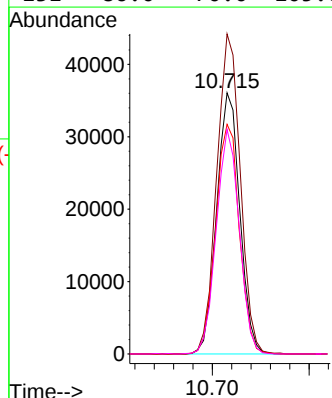
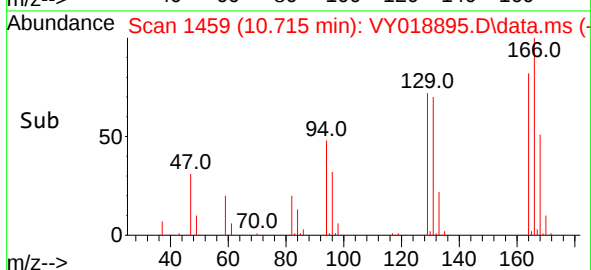
Tgt Ion:117 Resp: 141559
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 33.9 25.9 38.9

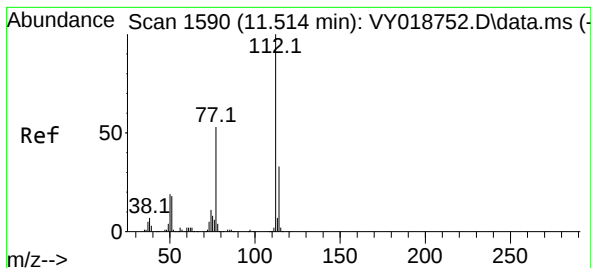


#64
Tetrachloroethene
Concen: 52.305 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28



Tgt Ion:164 Resp: 59932
Ion Ratio Lower Upper
164 100
166 122.6 102.6 154.0
129 88.0 72.0 108.0
131 86.0 70.0 105.0





#65

Chlorobenzene

Concen: 50.796 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

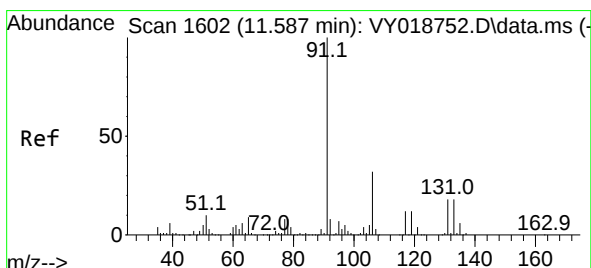
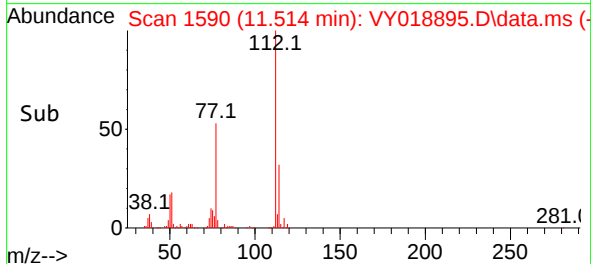
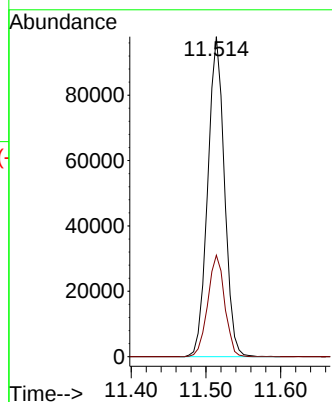
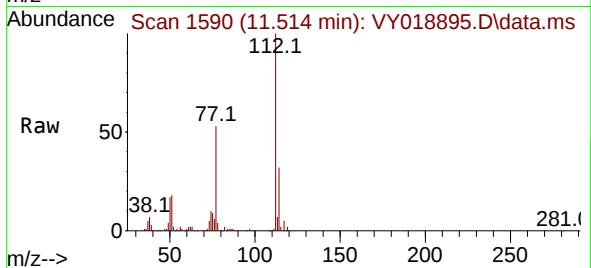
ClientSampleId :

Tgt Ion:112 Resp: 151686

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.465 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

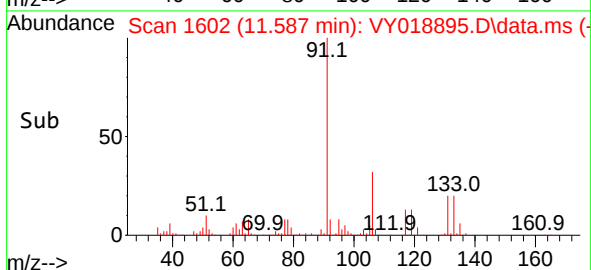
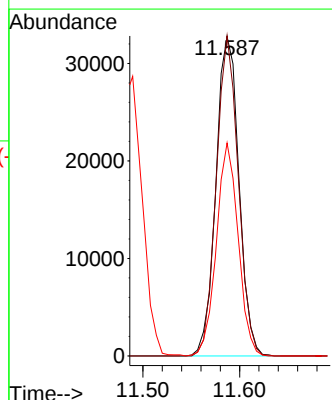
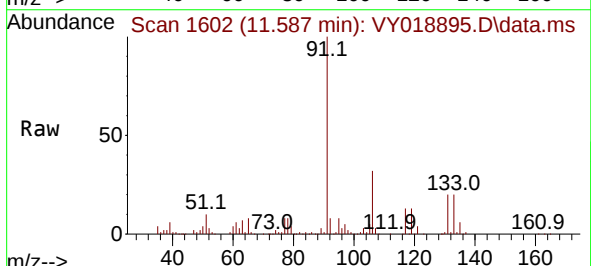
Tgt Ion:131 Resp: 53980

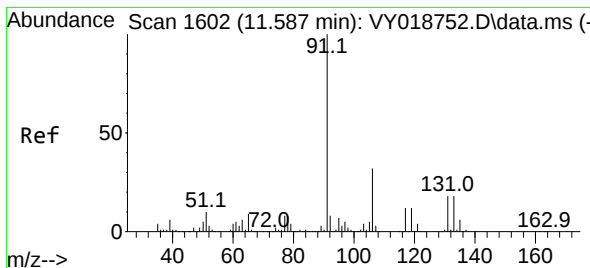
Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

119 63.2 34.1 102.2





#67

Ethyl Benzene

Concen: 49.335 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

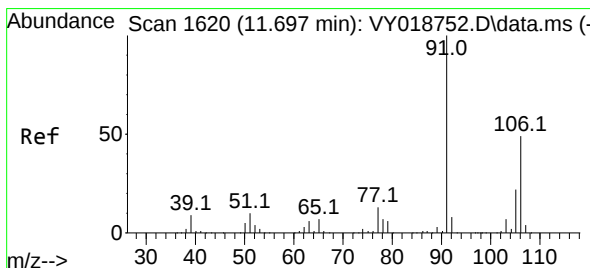
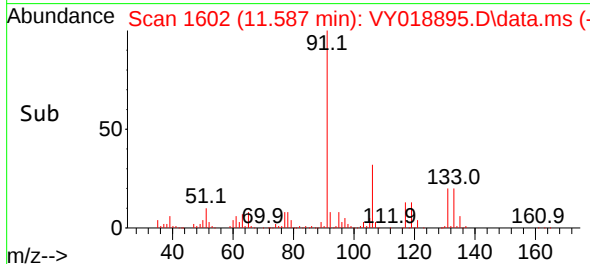
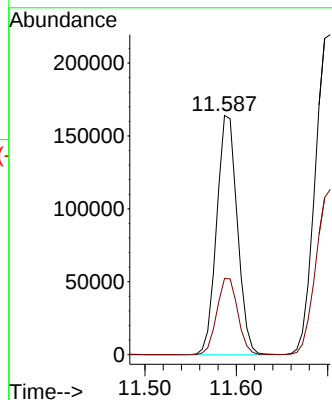
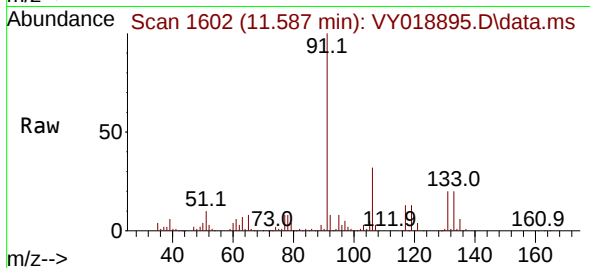
ClientSampleId :

Tgt Ion: 91 Resp: 258087

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 99.102 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY018895.D

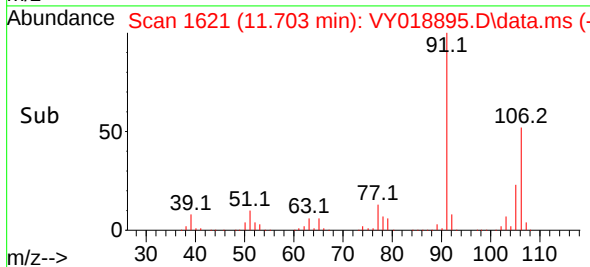
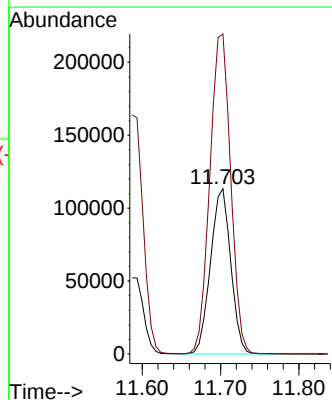
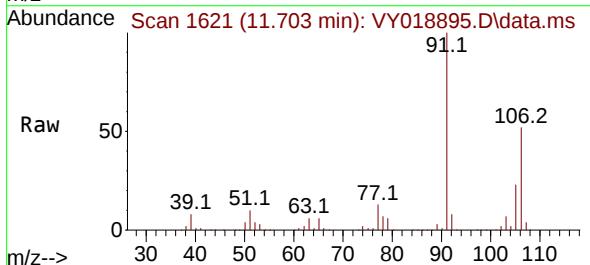
Acq: 23 Jul 2024 11:28

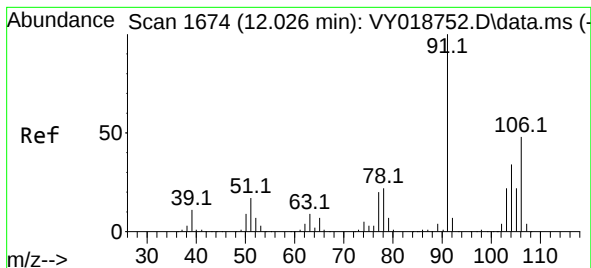
Tgt Ion:106 Resp: 203443

Ion Ratio Lower Upper

106 100

91 199.6 156.0 234.0





#69

o-Xylene

Concen: 48.757 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

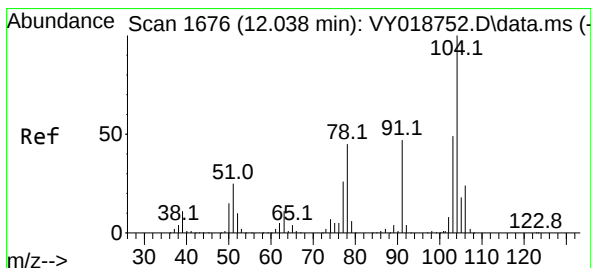
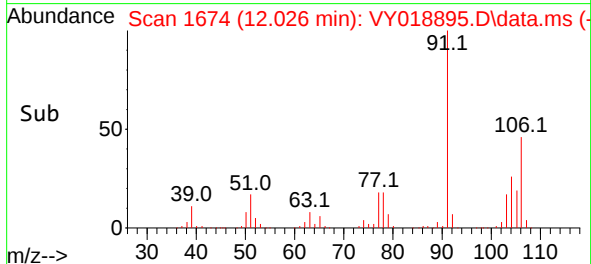
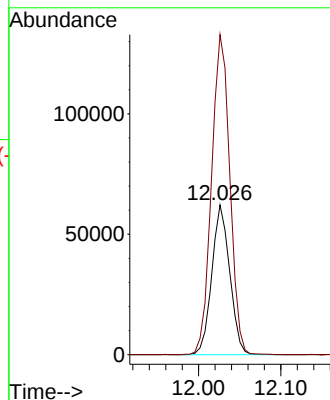
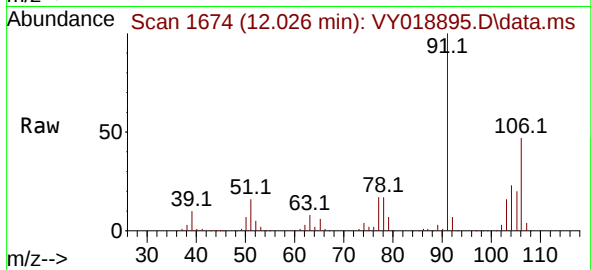
ClientSampleId :

Tgt Ion:106 Resp: 94100

Ion Ratio Lower Upper

106 100

91 218.5 103.6 310.8



#70

Styrene

Concen: 50.513 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

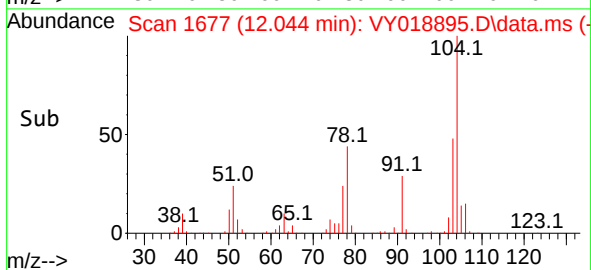
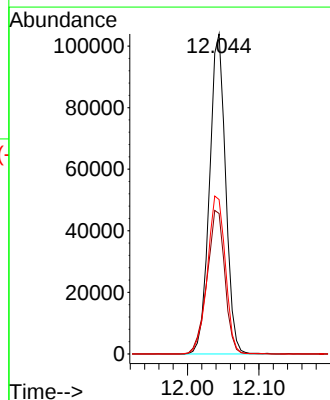
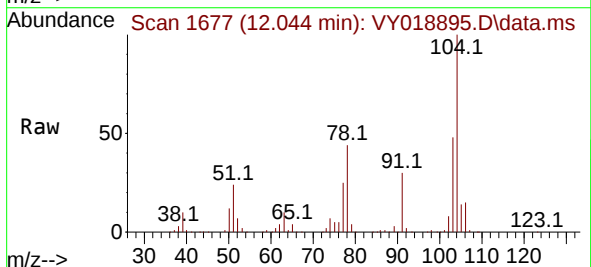
Tgt Ion:104 Resp: 162665

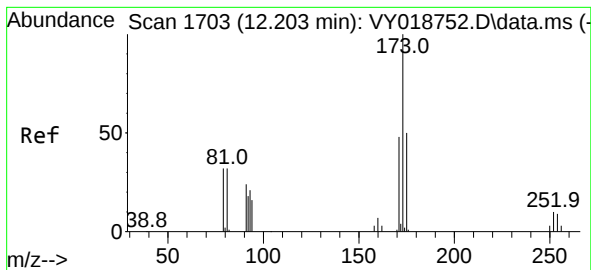
Ion Ratio Lower Upper

104 100

78 49.7 37.0 55.4

103 55.0 44.2 66.2





#71

Bromoform

Concen: 57.492 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

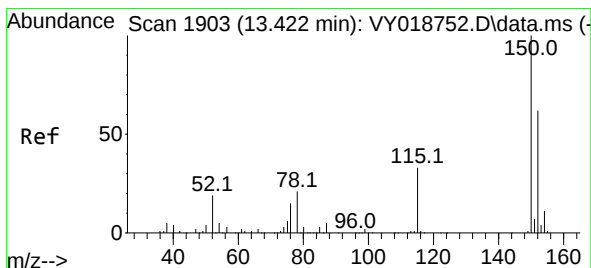
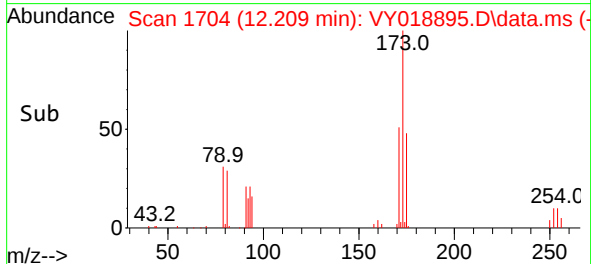
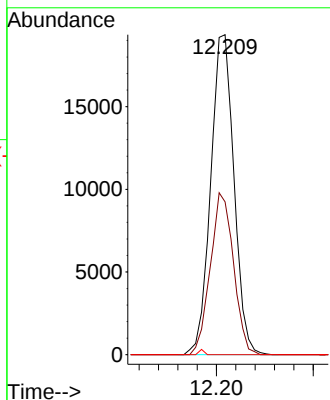
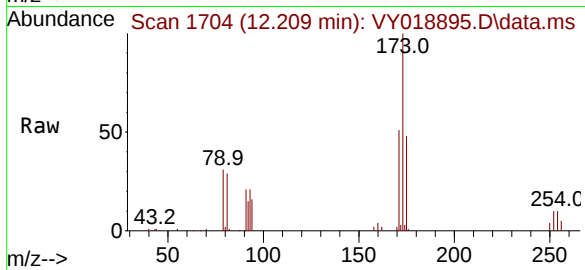
Tgt Ion:173 Resp: 32242

Ion Ratio Lower Upper

173 100

175 50.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

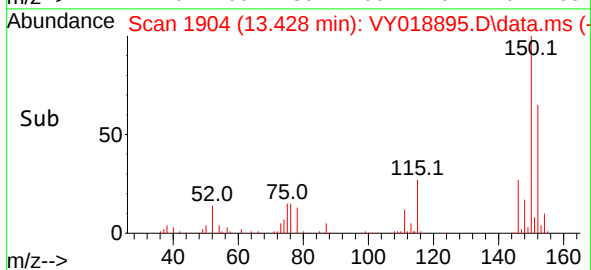
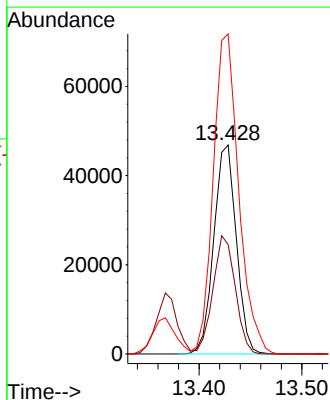
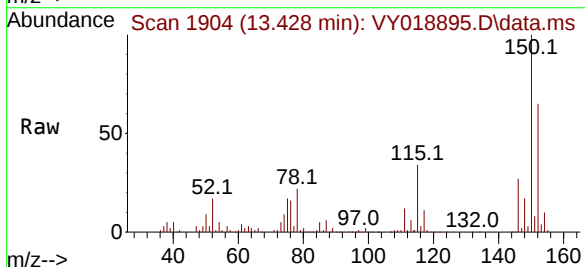
Tgt Ion:152 Resp: 71208

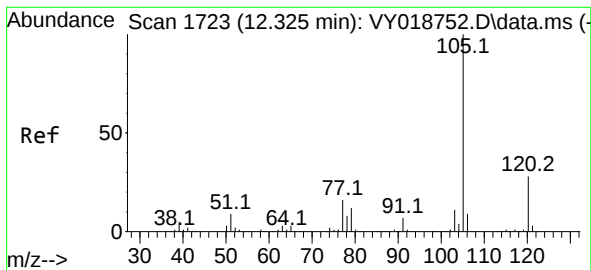
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 173.2 0.0 345.6





#73

Isopropylbenzene

Concen: 49.357 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

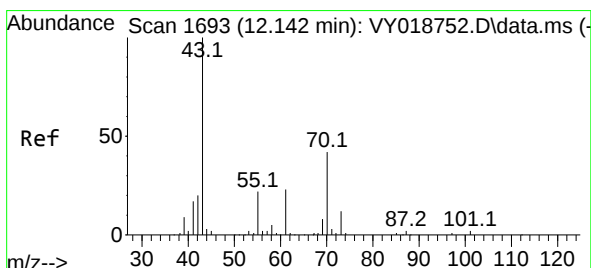
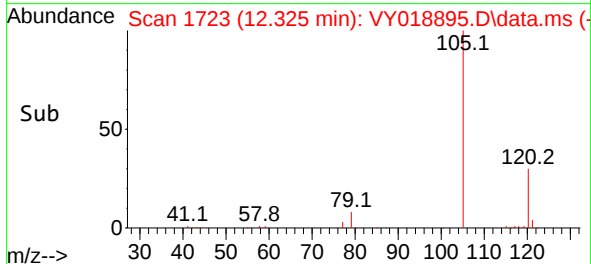
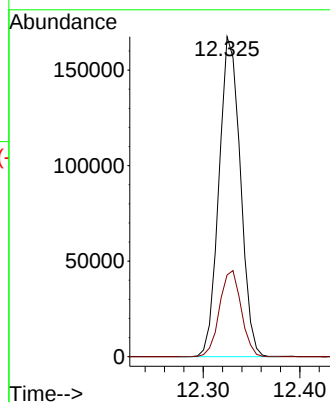
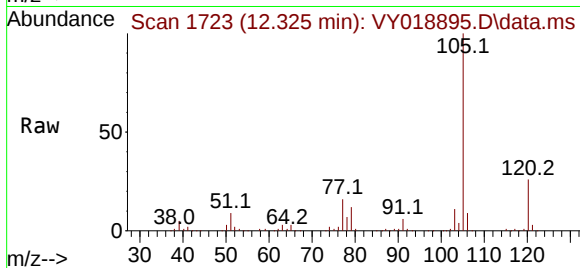
ClientSampleId :

Tgt Ion:105 Resp: 257224

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 53.700 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Tgt Ion: 43 Resp: 57233

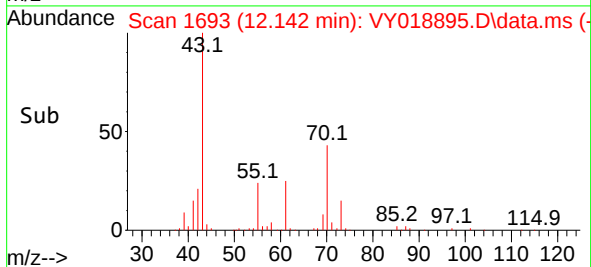
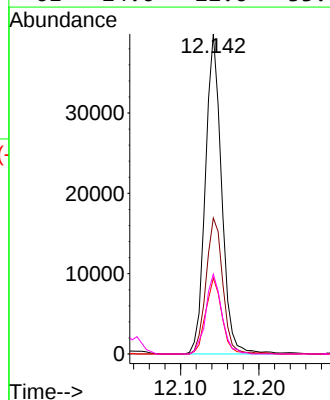
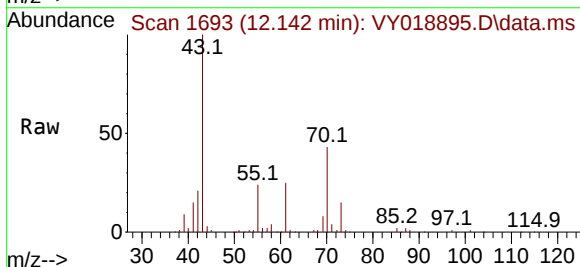
Ion Ratio Lower Upper

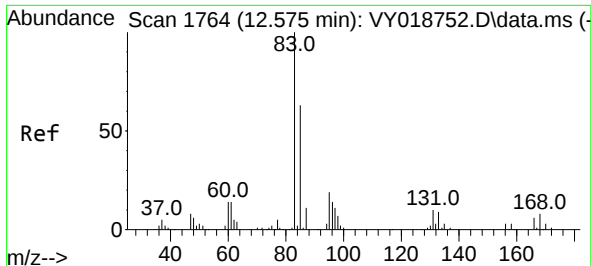
43 100

70 43.8 41.4 62.2

55 23.7 23.3 34.9

61 24.6 22.6 33.8

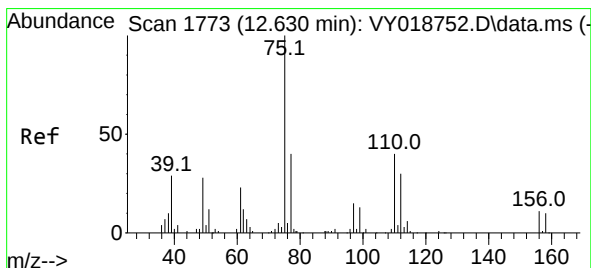
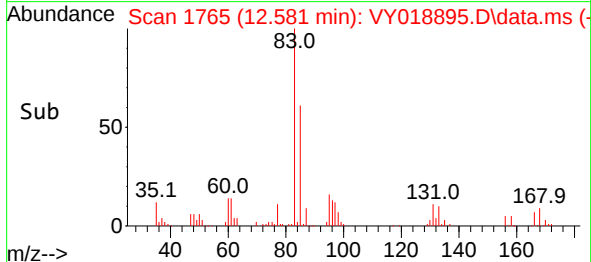
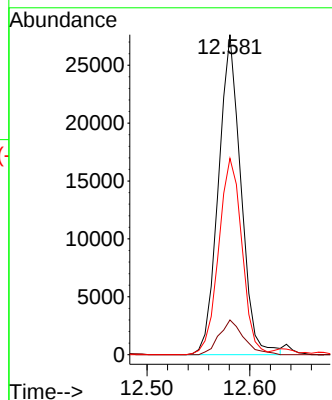
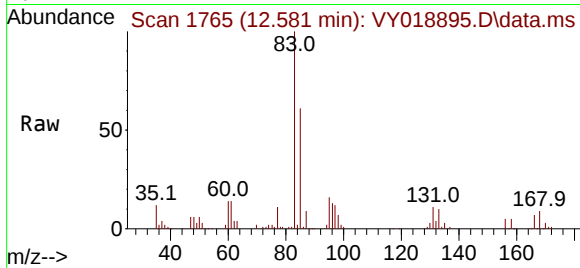




#75
1,1,2,2-Tetrachloroethane
Concen: 51.026 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

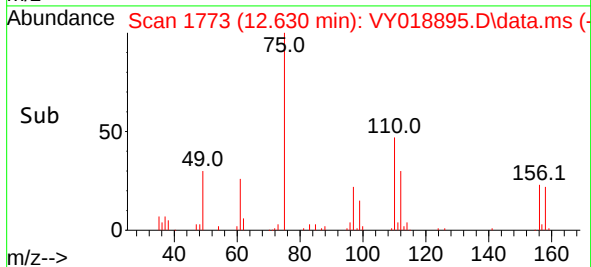
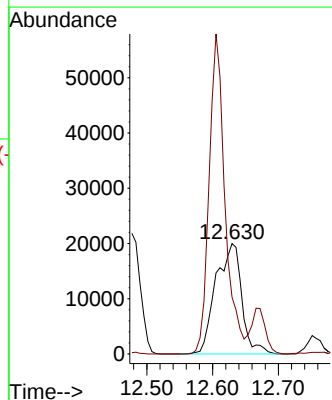
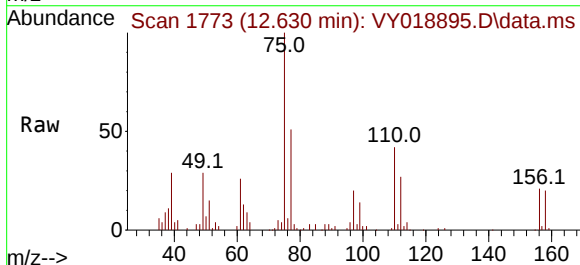
Instrument :
MSVOA_Y
ClientSampleId :

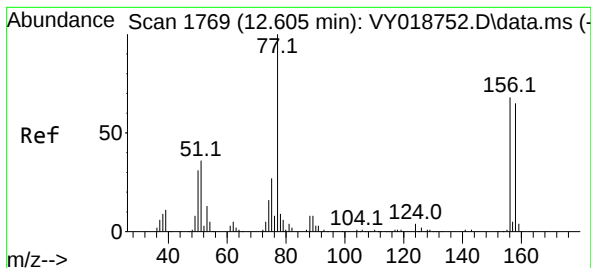
Tgt Ion: 83 Resp: 41921
Ion Ratio Lower Upper
83 100
131 11.9 5.0 14.9
85 63.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 98.208 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 75 Resp: 54772
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.794 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

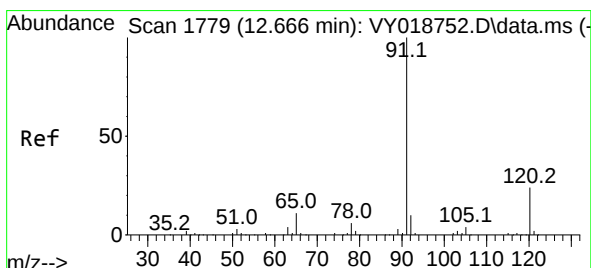
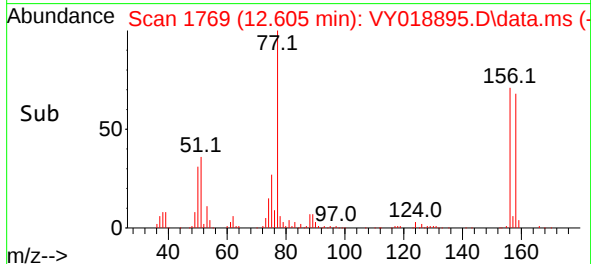
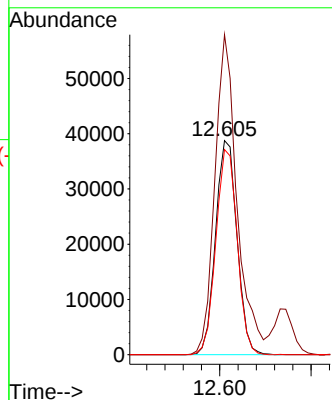
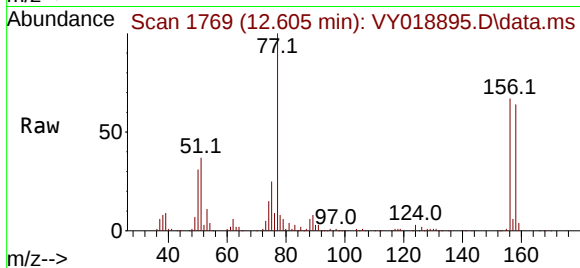
Tgt Ion:156 Resp: 63194

Ion Ratio Lower Upper

156 100

77 154.2 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 48.475 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018895.D

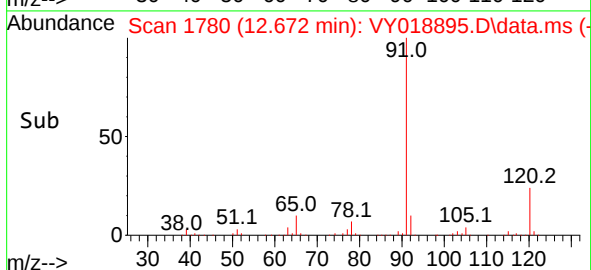
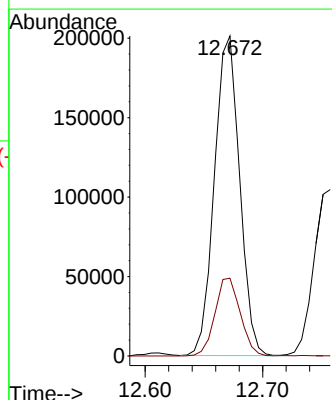
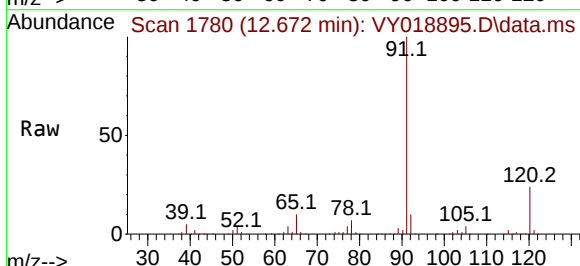
Acq: 23 Jul 2024 11:28

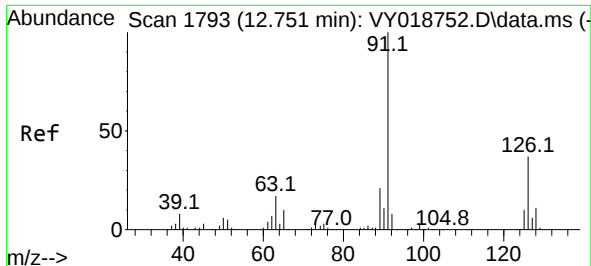
Tgt Ion: 91 Resp: 300001

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.413 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

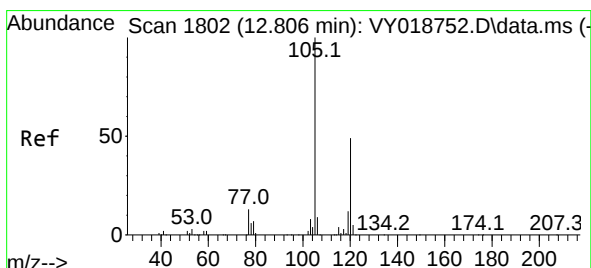
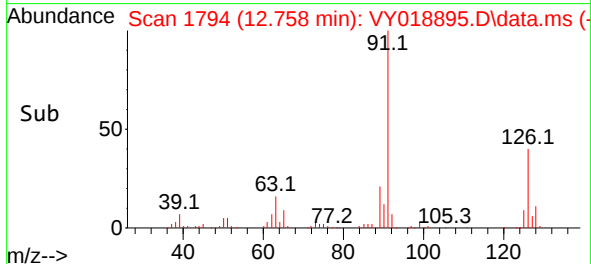
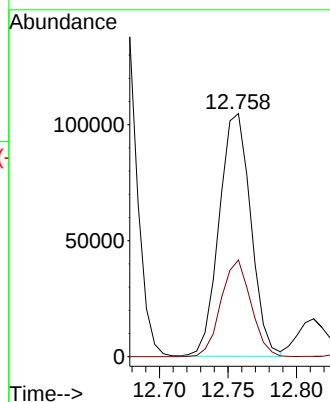
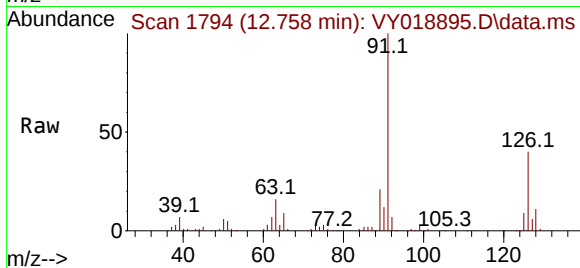
ClientSampleId :

Tgt Ion: 91 Resp: 168473

Ion Ratio Lower Upper

91 100

126 37.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.542 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018895.D

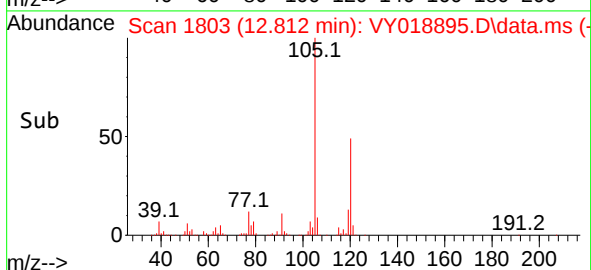
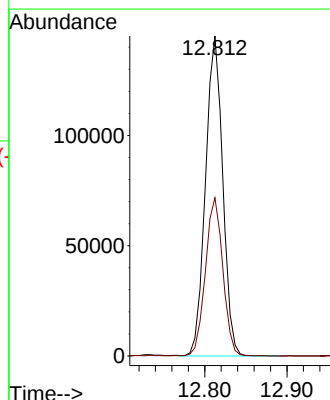
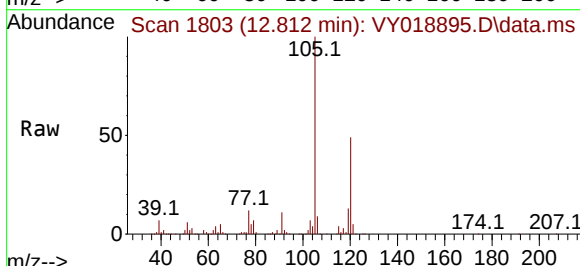
Acq: 23 Jul 2024 11:28

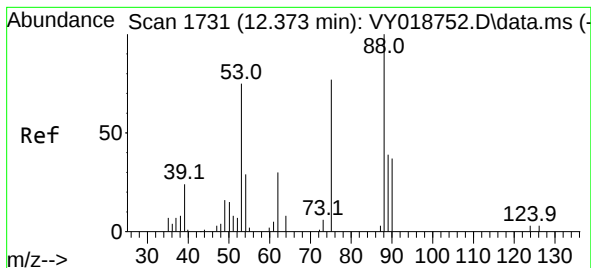
Tgt Ion:105 Resp: 211255

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

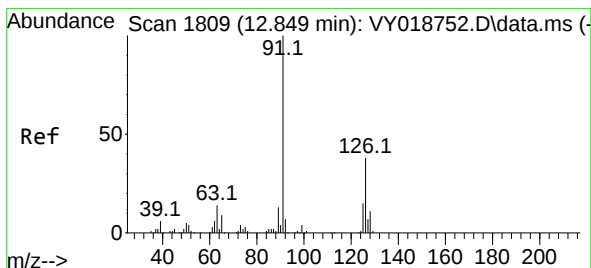
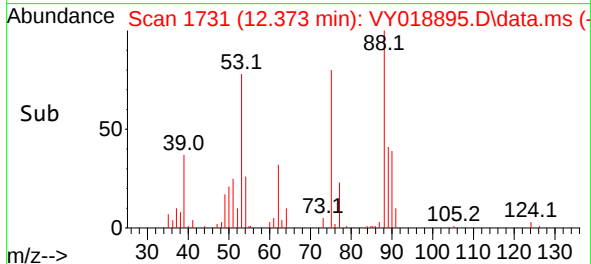
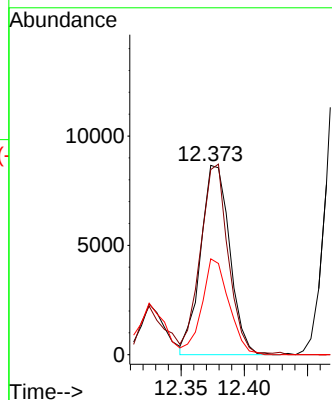
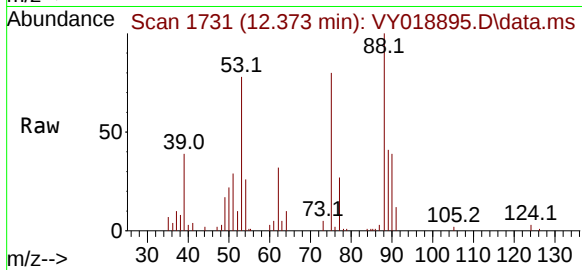




#81
trans-1,4-Dichloro-2-butene
Concen: 55.655 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

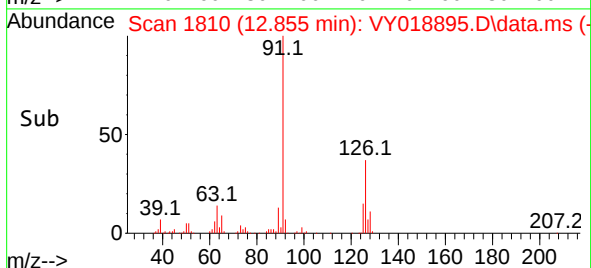
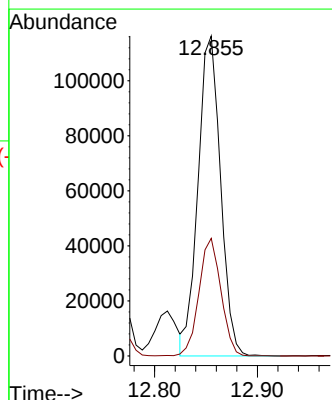
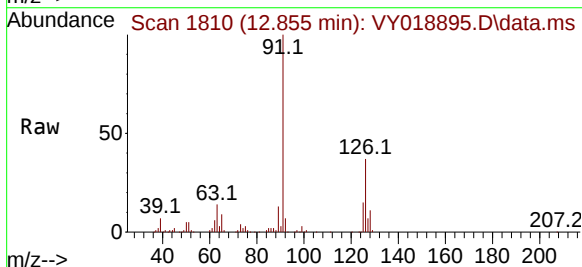
Instrument :
MSVOA_Y
ClientSampleId :

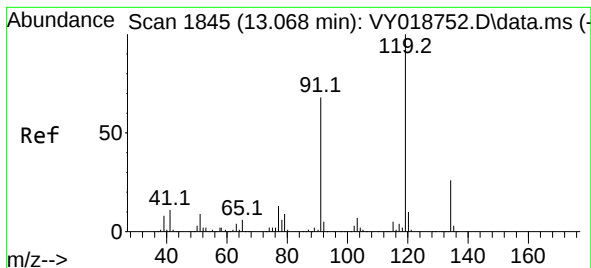
Tgt Ion: 75 Resp: 13869
Ion Ratio Lower Upper
75 100
53 96.4 66.8 100.2
89 47.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.455 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018895.D
Acq: 23 Jul 2024 11:28

Tgt Ion: 91 Resp: 177213
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.116 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

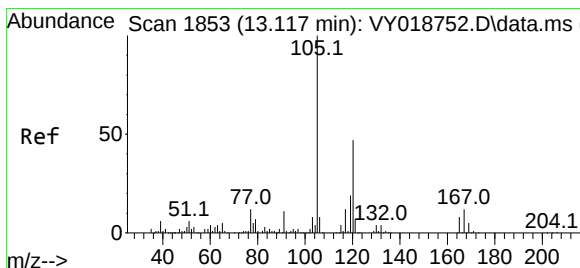
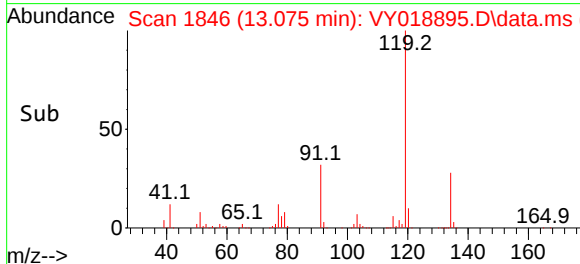
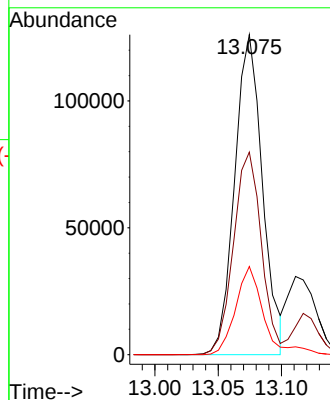
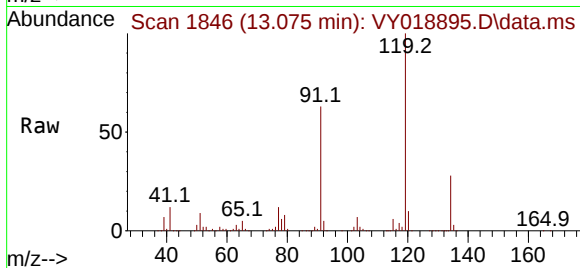
Tgt Ion:119 Resp: 193357

Ion Ratio Lower Upper

119 100

91 63.5 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.348 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018895.D

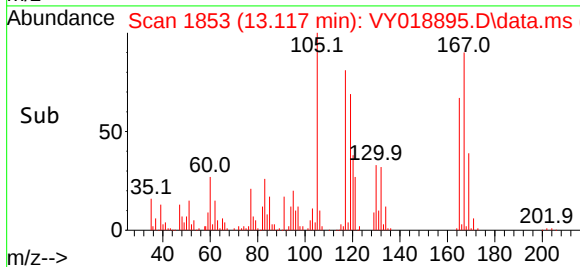
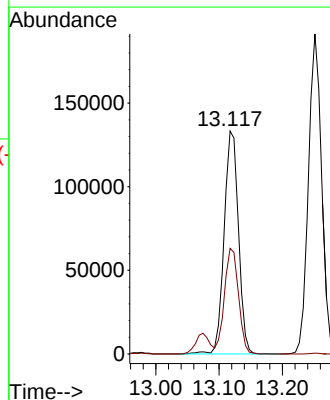
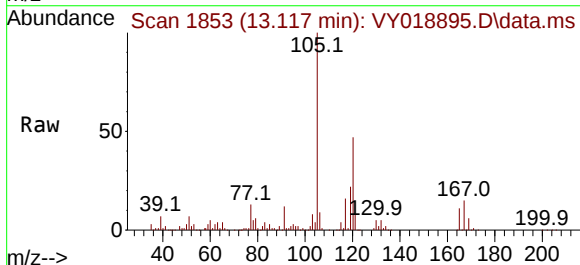
Acq: 23 Jul 2024 11:28

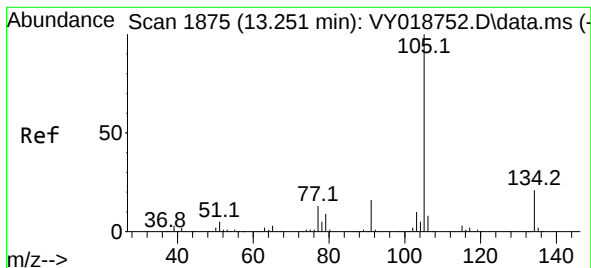
Tgt Ion:105 Resp: 209105

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.390 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

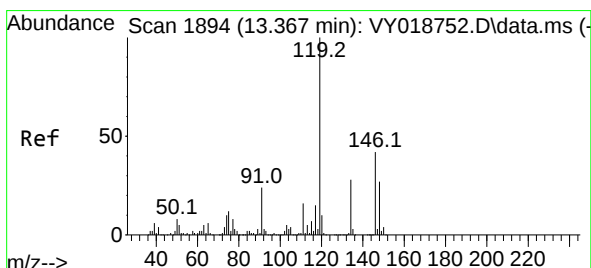
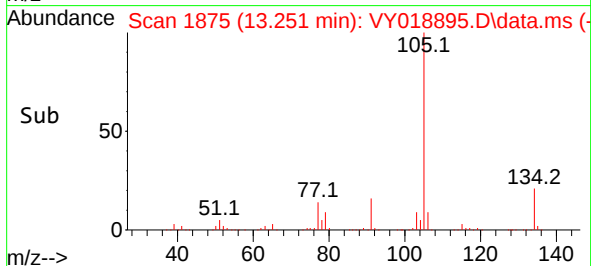
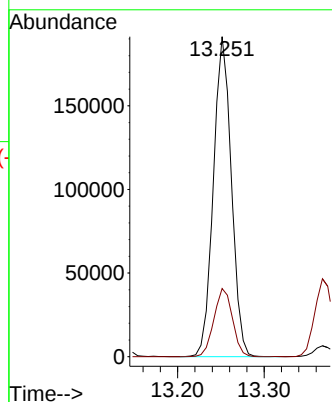
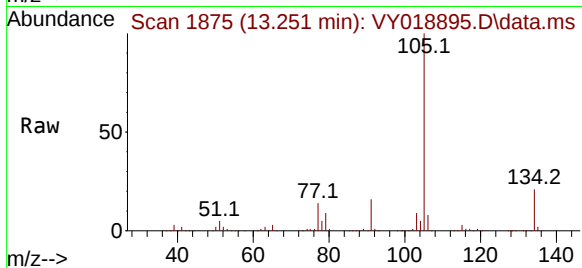
ClientSampleId :

Tgt Ion:105 Resp: 275984

Ion Ratio Lower Upper

105 100

134 21.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.839 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

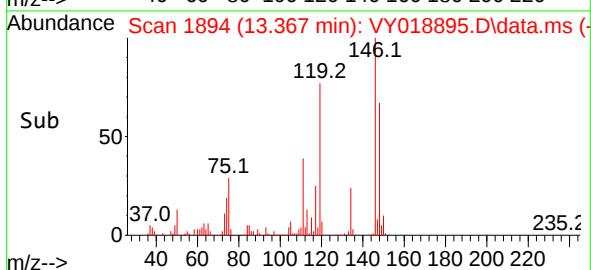
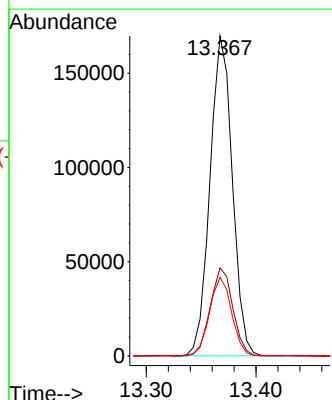
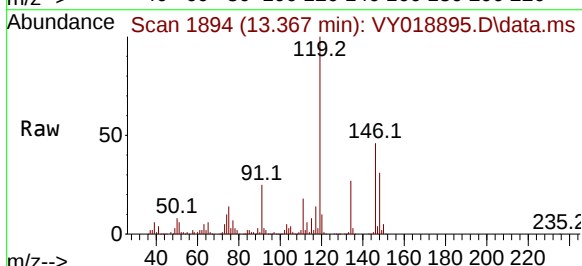
Tgt Ion:119 Resp: 240425

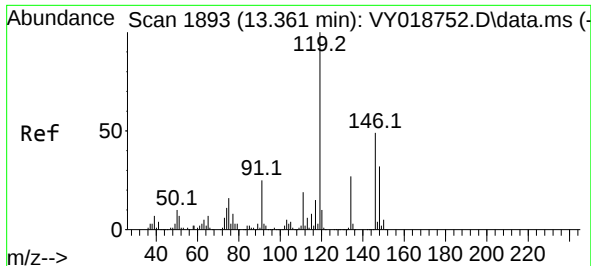
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 24.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.423 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

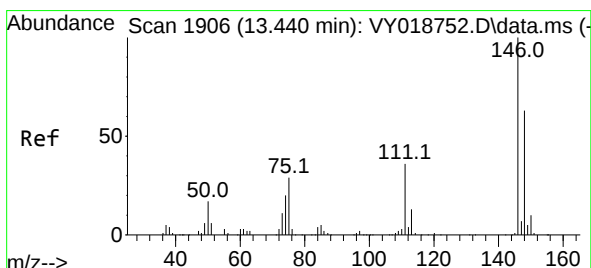
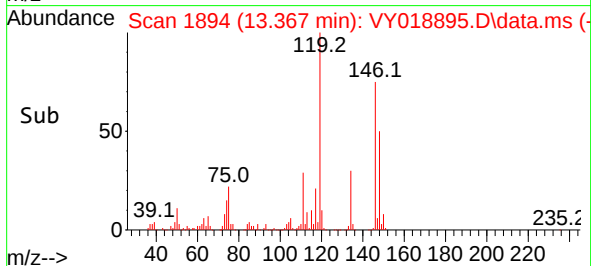
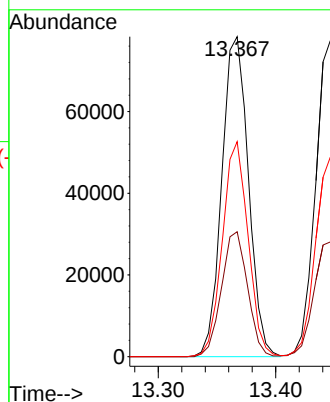
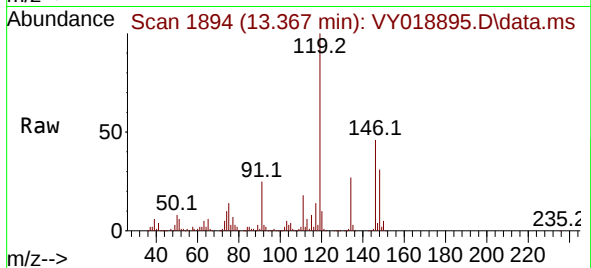
Tgt Ion:146 Resp: 123211

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 65.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.389 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

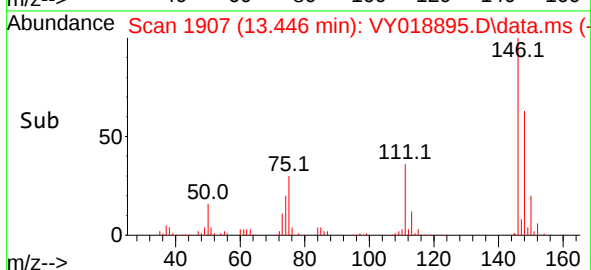
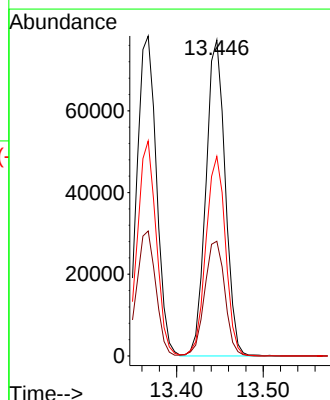
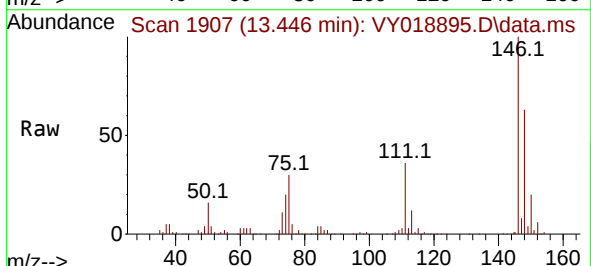
Tgt Ion:146 Resp: 119611

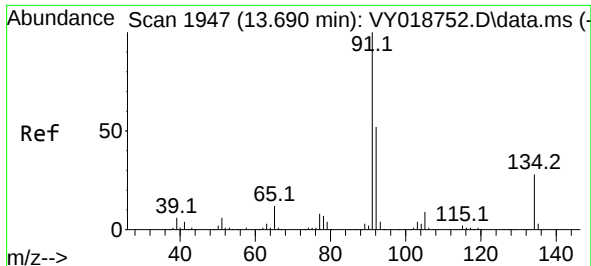
Ion Ratio Lower Upper

146 100

111 38.1 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 48.555 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

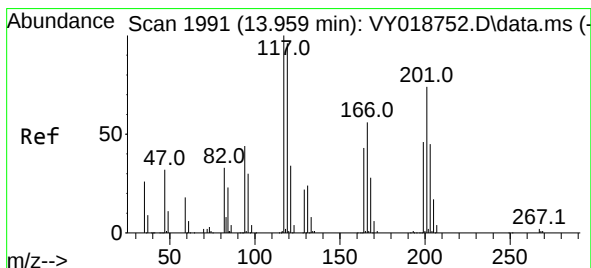
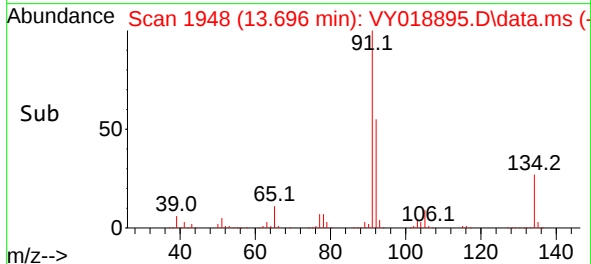
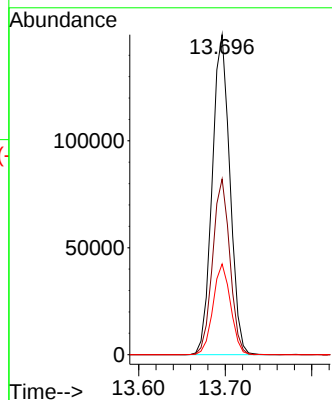
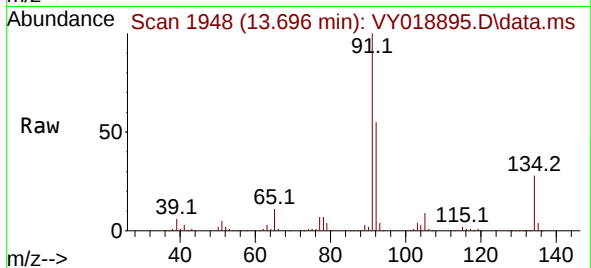
Tgt Ion: 91 Resp: 212350

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 28.1 12.9 38.7



#90

Hexachloroethane

Concen: 52.441 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018895.D

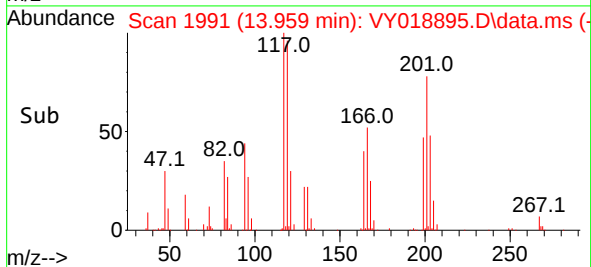
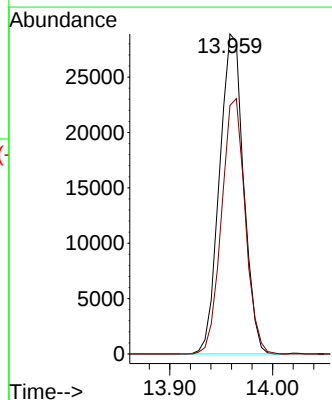
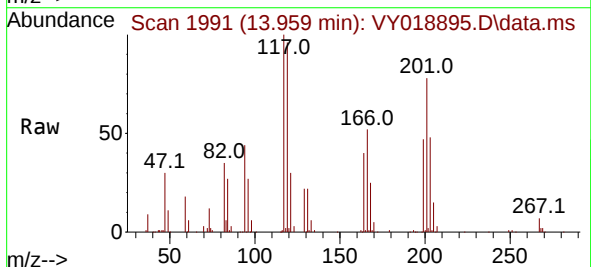
Acq: 23 Jul 2024 11:28

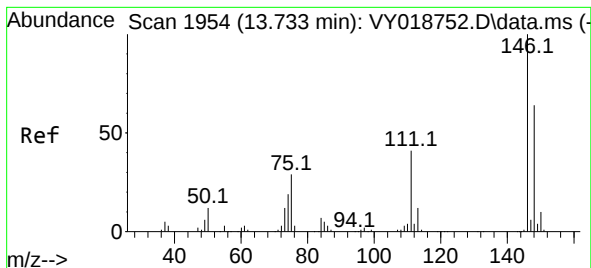
Tgt Ion: 117 Resp: 47047

Ion Ratio Lower Upper

117 100

201 78.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.891 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

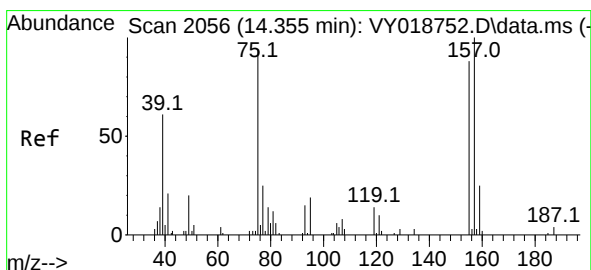
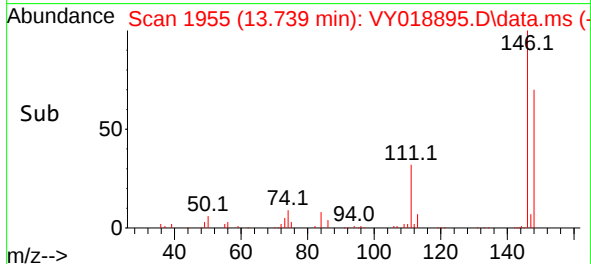
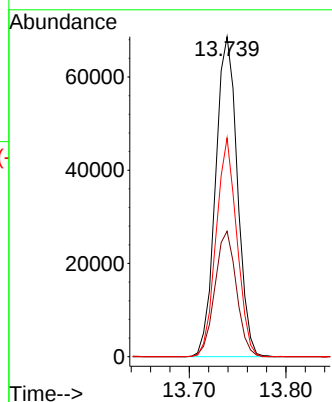
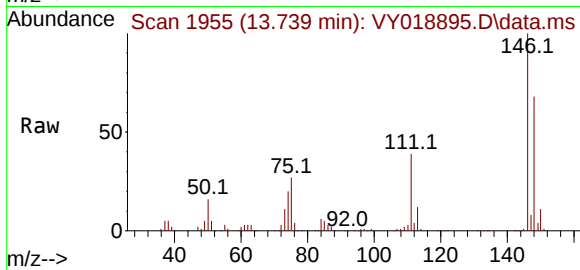
Tgt Ion:146 Resp: 107418

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

148 64.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.121 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

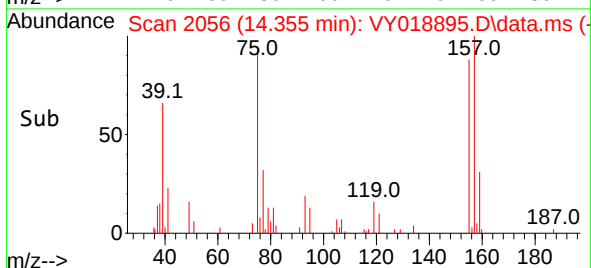
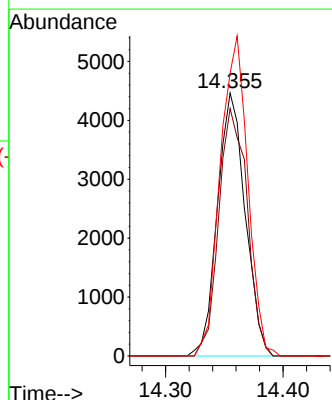
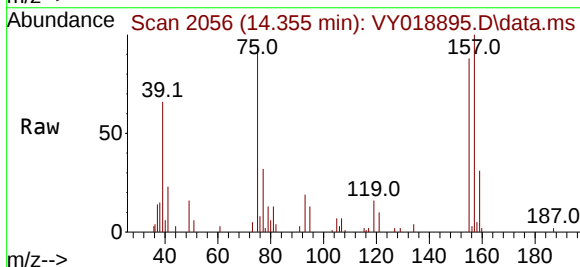
Tgt Ion: 75 Resp: 7338

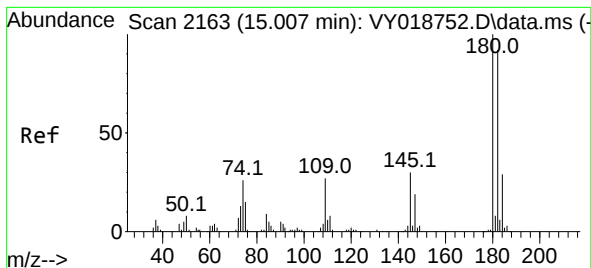
Ion Ratio Lower Upper

75 100

155 95.7 48.6 145.8

157 120.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.526 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

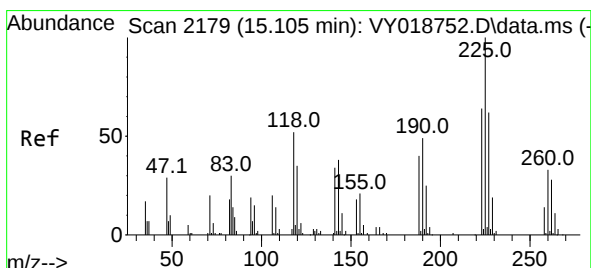
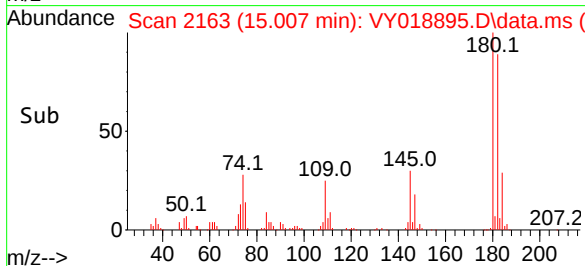
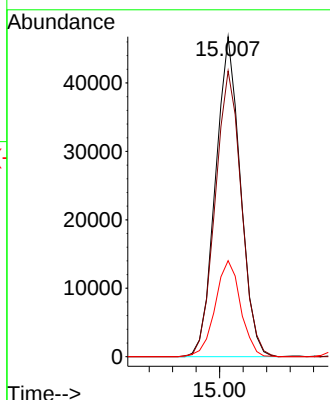
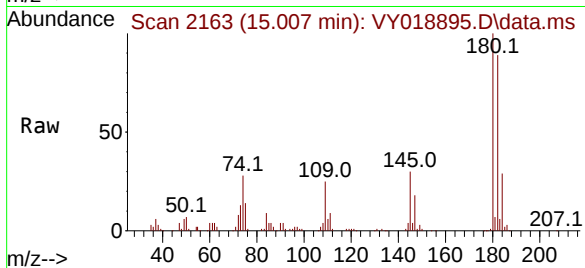
Tgt Ion:180 Resp: 68969

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 30.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.957 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

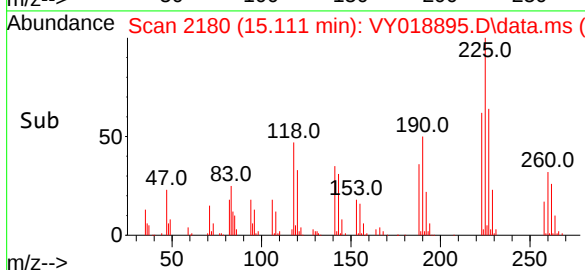
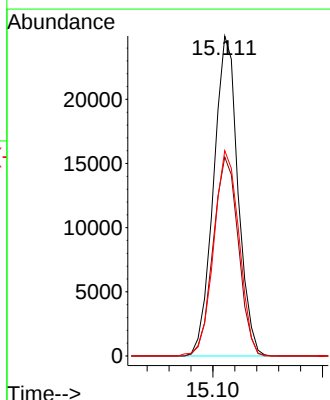
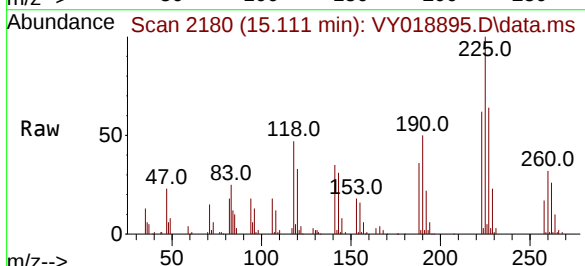
Tgt Ion:225 Resp: 38588

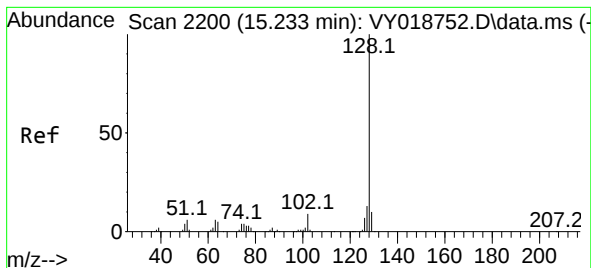
Ion Ratio Lower Upper

225 100

223 64.2 30.4 91.2

227 66.1 31.9 95.9





#95

Naphthalene

Concen: 55.328 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

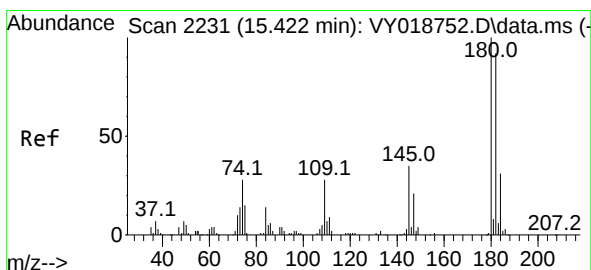
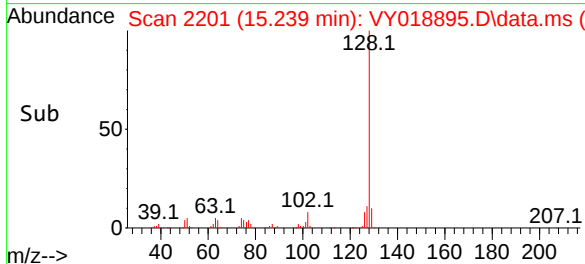
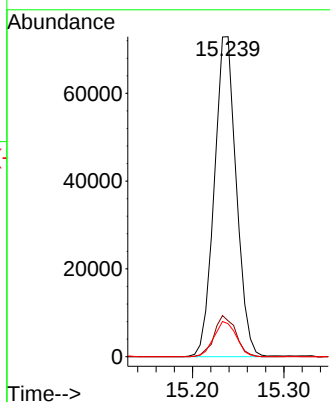
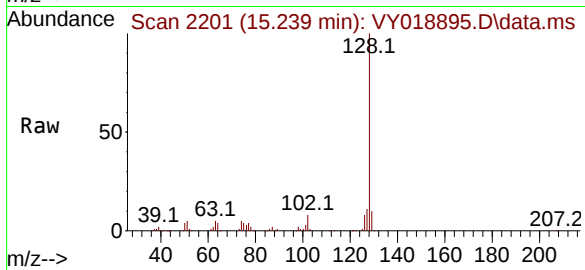
Tgt Ion:128 Resp: 122299

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.201 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018895.D

Acq: 23 Jul 2024 11:28

Tgt Ion:180 Resp: 59755

Ion Ratio Lower Upper

180 100

182 91.9 47.6 142.9

145 30.5 15.4 46.1

