

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018884.D
 Acq On : 19 Jul 2024 16:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 23:06:16 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	7.777	168	105841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	141047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49643	47.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.340%
35) Dibromofluoromethane	7.710	113	52146	51.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.173	98	181324	47.373	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.477	95	65080	49.788	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39970	45.068	ug/l	99
3) Chloromethane	2.107	50	56776	42.128	ug/l	98
4) Vinyl Chloride	2.241	62	72246	45.825	ug/l	99
5) Bromomethane	2.644	94	50817	46.860	ug/l	98
6) Chloroethane	2.784	64	46870	45.760	ug/l	100
7) Trichlorofluoromethane	3.113	101	94099	45.676	ug/l	97
8) Diethyl Ether	3.515	74	23957	47.711	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	49382	46.719	ug/l	93
10) Methyl Iodide	4.076	142	59272	52.074	ug/l	94
11) Tert butyl alcohol	4.942	59	18693	177.177	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	45999	44.984	ug/l	98
13) Acrolein	3.710	56	13251	156.763	ug/l	96
14) Allyl chloride	4.466	41	59232	46.757	ug/l	90
15) Acrylonitrile	5.143	53	49879	251.804	ug/l	99
16) Acetone	3.936	43	48150	250.765	ug/l	94
17) Carbon Disulfide	4.180	76	125272	43.751	ug/l	100
18) Methyl Acetate	4.466	43	24787	44.428	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	116822	49.248	ug/l	92
20) Methylene Chloride	4.698	84	52856	48.453	ug/l	92
21) trans-1,2-Dichloroethene	5.198	96	50732	47.007	ug/l	94
22) Diisopropyl ether	6.100	45	134765	48.905	ug/l #	90
23) Vinyl Acetate	6.045	43	545555	251.296	ug/l	99
24) 1,1-Dichloroethane	5.997	63	84713	48.149	ug/l	98
25) 2-Butanone	6.972	43	67394	250.397	ug/l	90
26) 2,2-Dichloropropane	6.972	77	76348	46.768	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	59390	47.266	ug/l	98
28) Bromochloromethane	7.326	49	37786	53.472	ug/l	93
29) Tetrahydrofuran	7.338	42	41820	253.448	ug/l	93
30) Chloroform	7.496	83	96372	49.148	ug/l	97
31) Cyclohexane	7.777	56	68768	42.978	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	89780	49.238	ug/l	97
36) 1,1-Dichloropropene	7.911	75	65627	47.070	ug/l	98
37) Ethyl Acetate	7.070	43	30227	52.158	ug/l	98
38) Carbon Tetrachloride	7.893	117	83232	49.565	ug/l	91
39) Methylcyclohexane	9.179	83	86156	48.220	ug/l	99
40) Benzene	8.149	78	200981	49.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	14218	43.032	ug/l	96
42) 1,2-Dichloroethane	8.228	62	56346	49.758	ug/l	96
43) Isopropyl Acetate	8.271	43	57832	50.151	ug/l #	82
44) Trichloroethene	8.935	130	57446	49.688	ug/l	98
45) 1,2-Dichloropropane	9.209	63	42809	48.605	ug/l	95
46) Dibromomethane	9.301	93	29234	51.208	ug/l	97
47) Bromodichloromethane	9.490	83	74635	52.332	ug/l	98
48) Methyl methacrylate	9.289	41	24622	46.975	ug/l #	88
49) 1,4-Dioxane	9.289	88	7161	1070.062	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	152478	258.982	ug/l	92
52) Toluene	10.240	92	132266	49.202	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	62339	50.625	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	71666	49.610	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	36995	51.174	ug/l	95
56) Ethyl methacrylate	10.508	69	49682	52.199	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	61429	51.259	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	117515	258.436	ug/l	93
59) 2-Hexanone	10.825	43	106118	257.635	ug/l	92
60) Dibromochloromethane	10.984	129	53181	53.540	ug/l	98
61) 1,2-Dibromoethane	11.081	107	36916	52.526	ug/l	99
64) Tetrachloroethene	10.715	164	58792	51.497	ug/l	98
65) Chlorobenzene	11.514	112	149488	50.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	52827	51.531	ug/l	97
67) Ethyl Benzene	11.587	91	252120	48.370	ug/l	98
68) m/p-Xylenes	11.703	106	202929	99.211	ug/l	98
69) o-Xylene	12.026	106	96054	49.950	ug/l	100
70) Styrene	12.038	104	161662	50.383	ug/l	97
71) Bromoform	12.203	173	30439	54.474	ug/l #	99
73) Isopropylbenzene	12.325	105	250325	48.243	ug/l	98
74) N-amyl acetate	12.142	43	51057	48.114	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	39543	48.341	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	52211	94.024	ug/l #	100
77) Bromobenzene	12.605	156	61146	49.362	ug/l	91
78) n-propylbenzene	12.666	91	295322	47.927	ug/l	97
79) 2-Chlorotoluene	12.752	91	165927	47.890	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	205281	48.351	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	12181	49.094	ug/l	87
82) 4-Chlorotoluene	12.855	91	169167	47.415	ug/l	97
83) tert-Butylbenzene	13.075	119	191276	48.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	204551	48.484	ug/l	100
85) sec-Butylbenzene	13.251	105	268839	48.321	ug/l	96
86) p-Isopropyltoluene	13.367	119	236448	49.228	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	119768	49.228	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	117738	48.827	ug/l	99
89) n-Butylbenzene	13.696	91	205802	47.263	ug/l	97
90) Hexachloroethane	13.959	117	42552	47.637	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	105139	50.028	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6249	47.146	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	63950	49.848	ug/l	98
94) Hexachlorobutadiene	15.111	225	36880	49.874	ug/l	99
95) Naphthalene	15.233	128	110990	50.431	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	54794	49.918	ug/l	97

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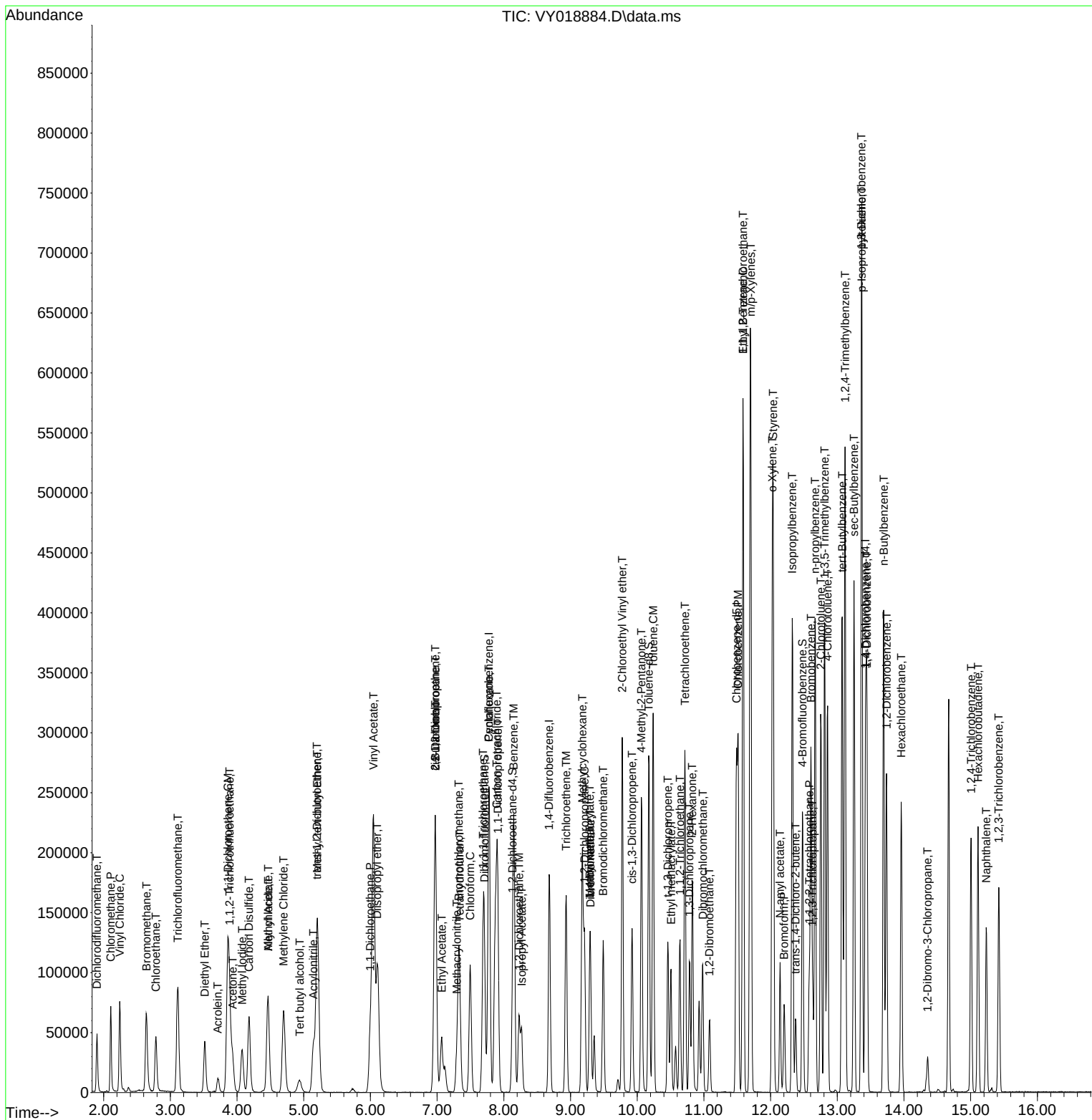
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MSVOA_Y
ClientSampleId :

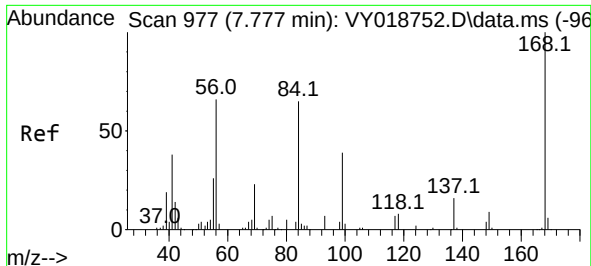
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QLast Update : Tue Jul 09 14:28:51 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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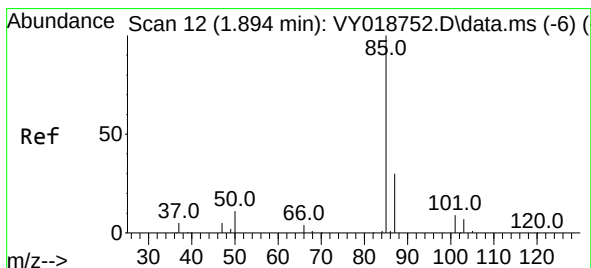
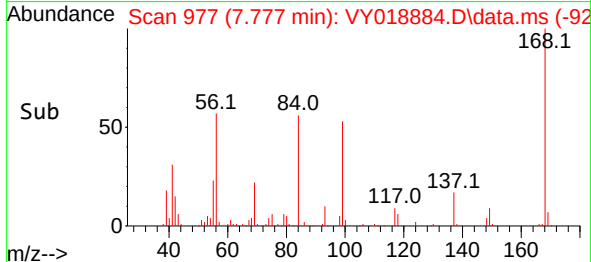
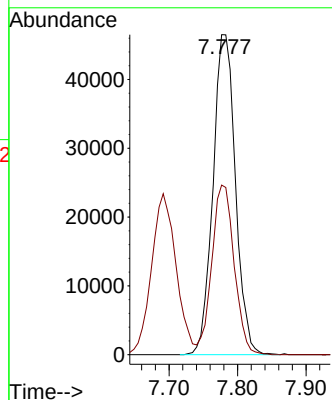
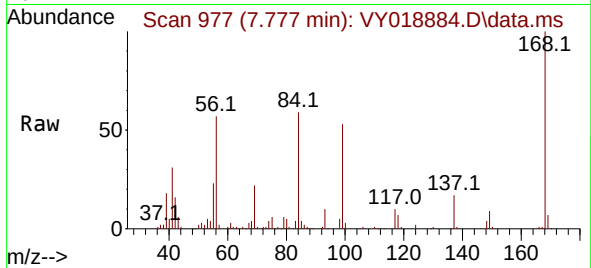




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018884.D
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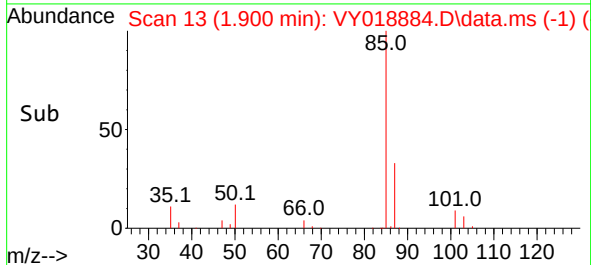
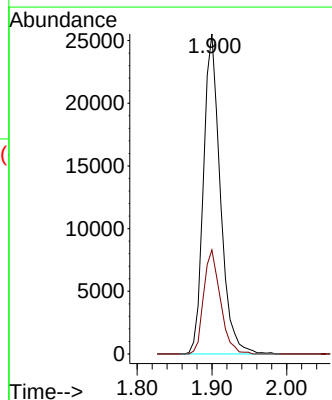
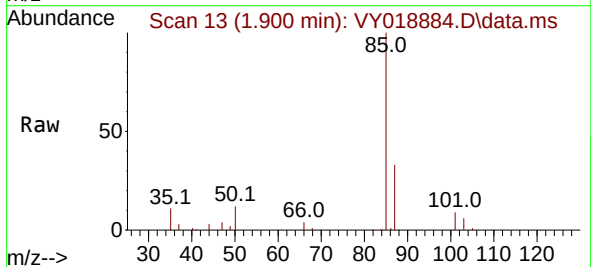
Instrument :
MSVOA_Y
ClientSampleId :

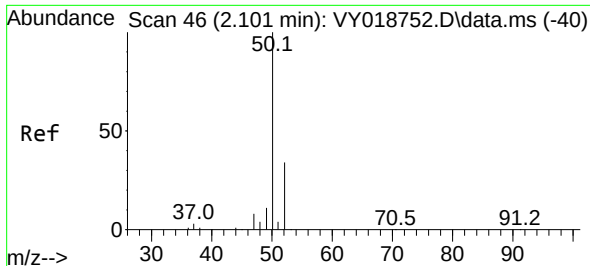
Tgt Ion:168 Resp: 105841
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.068 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 85 Resp: 39970
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

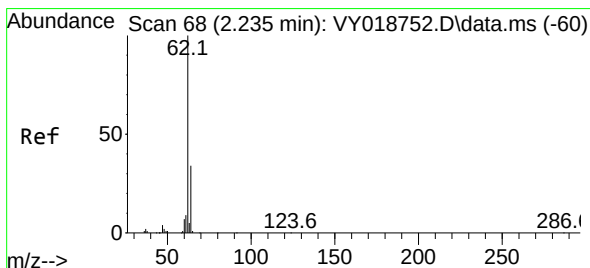
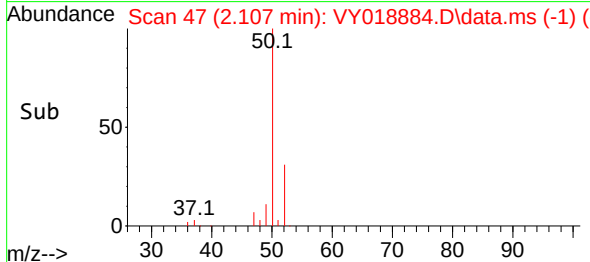
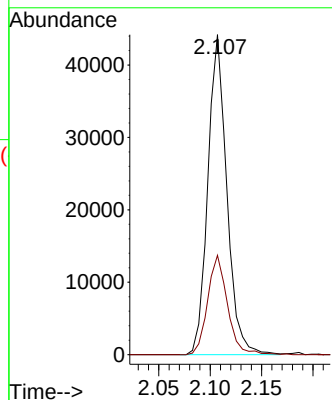
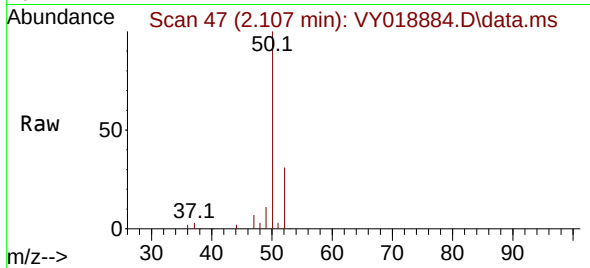




#3
Chloromethane
Concen: 42.128 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

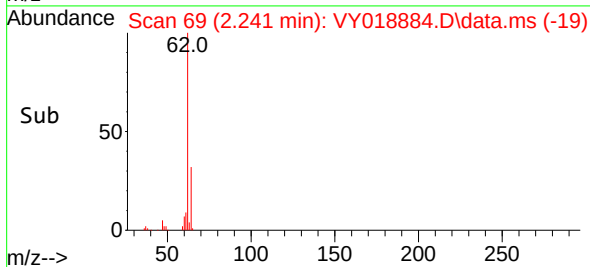
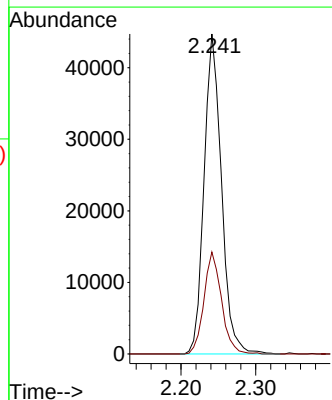
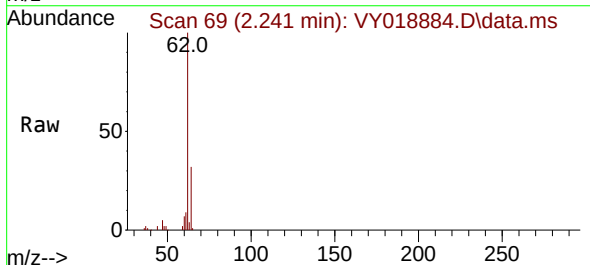
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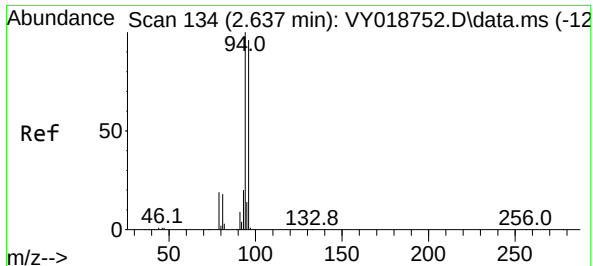
Tgt Ion: 50 Resp: 56776
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4



#4
Vinyl Chloride
Concen: 45.825 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 62 Resp: 72246
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

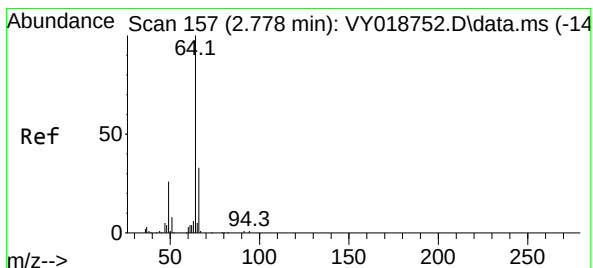
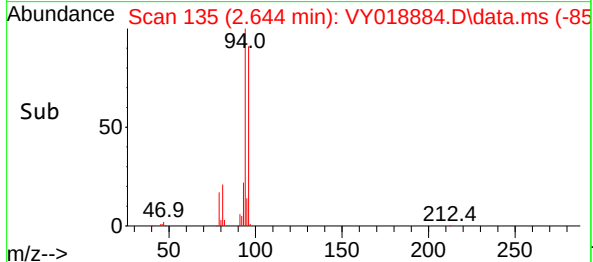
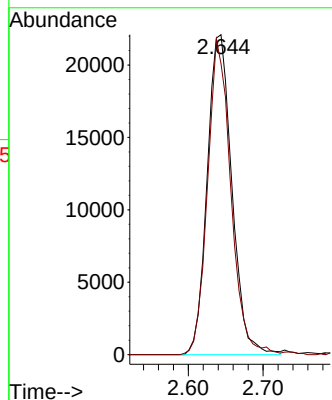
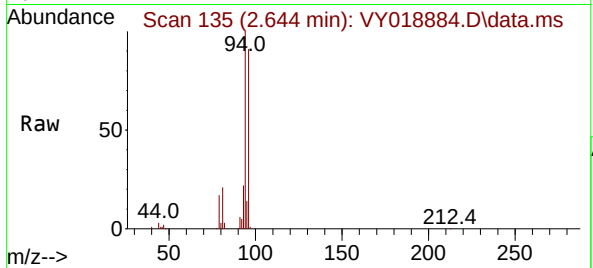




#5
Bromomethane
Concen: 46.860 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

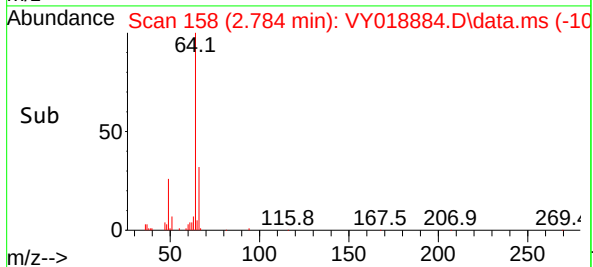
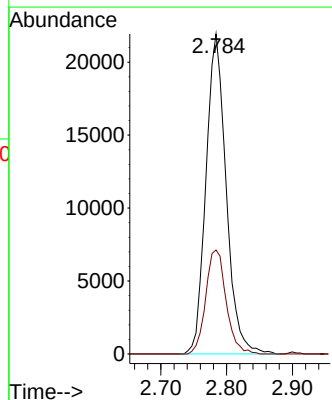
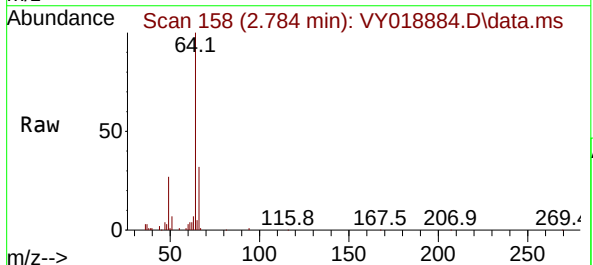
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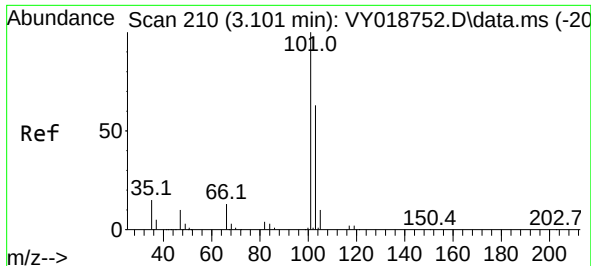
Tgt Ion: 94 Resp: 50817
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 45.760 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 64 Resp: 46870
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

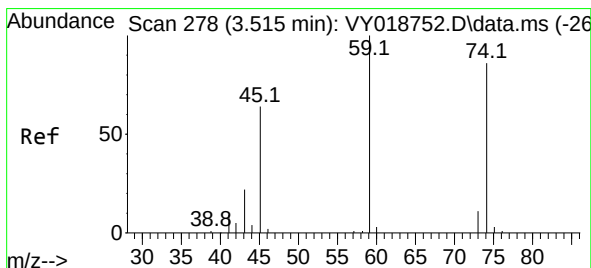
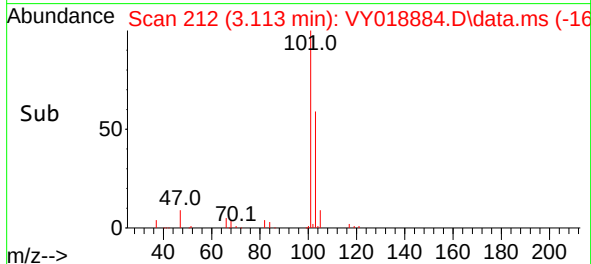
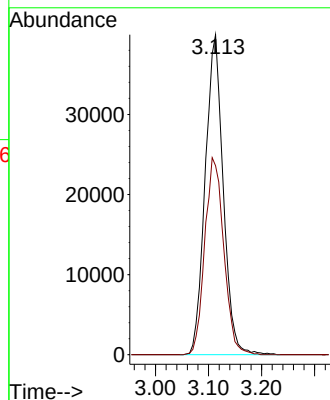
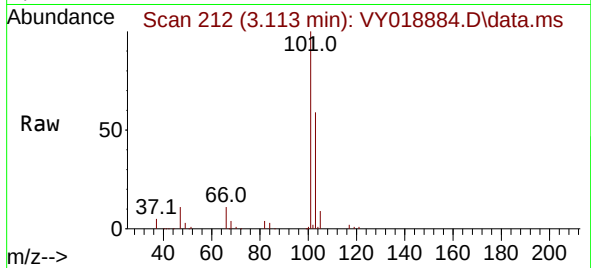




#7
 Trichlorofluoromethane
 Concen: 45.676 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018884.D
 Acq: 19 Jul 2024 16:18

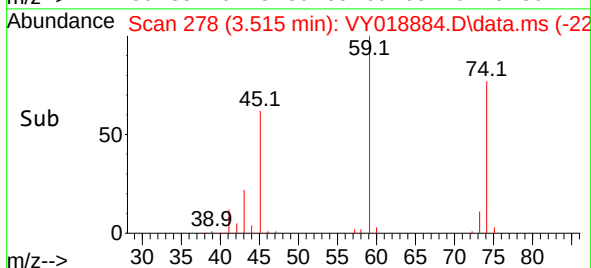
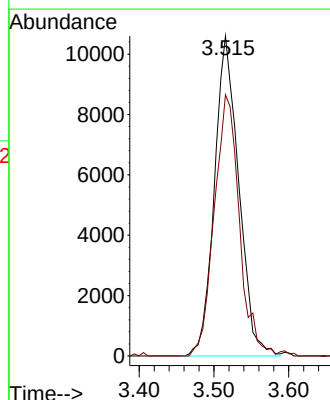
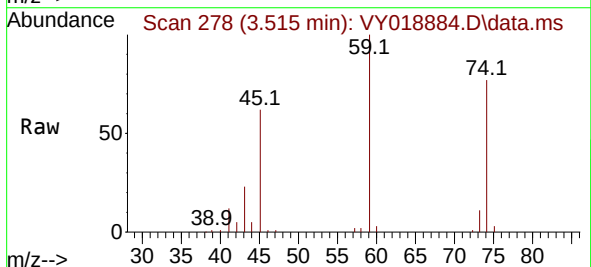
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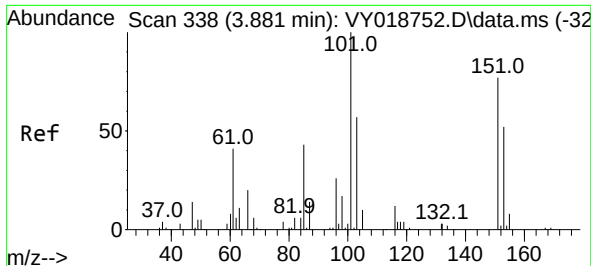
Tgt Ion:101 Resp: 94099
 Ion Ratio Lower Upper
 101 100
 103 59.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.711 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018884.D
 Acq: 19 Jul 2024 16:18

Tgt Ion: 74 Resp: 23957
 Ion Ratio Lower Upper
 74 100
 45 84.2 41.3 124.1

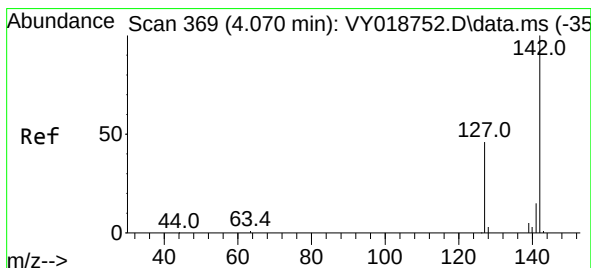
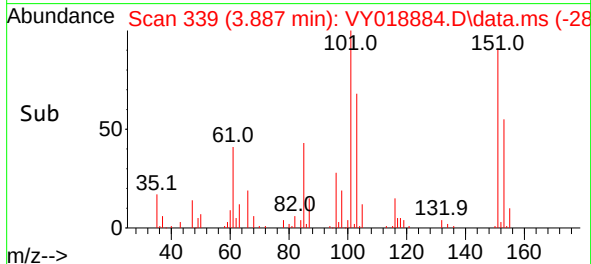
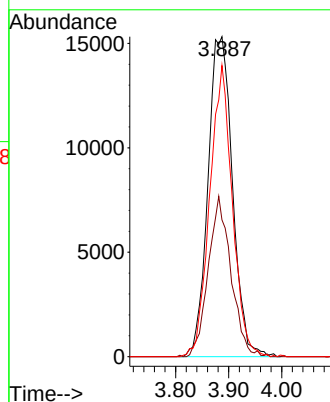
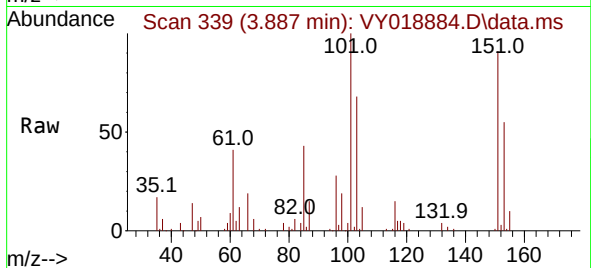




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.719 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018884.D
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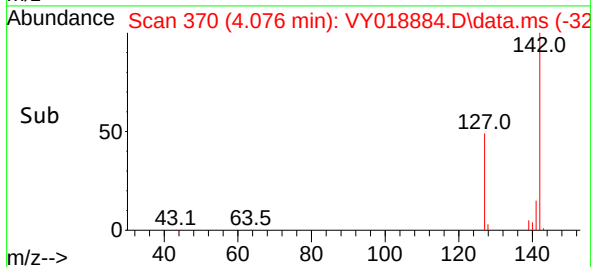
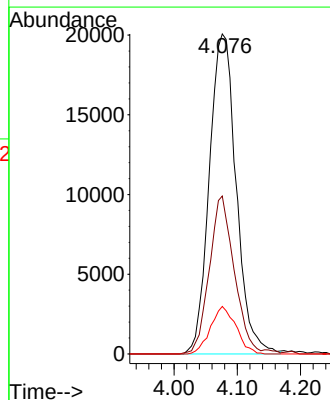
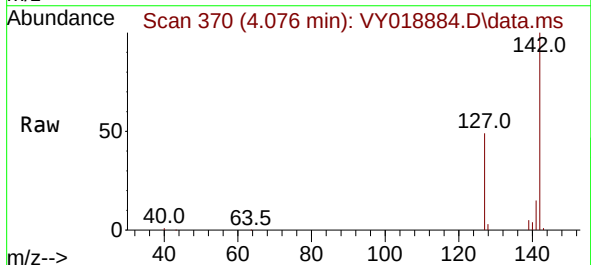
Instrument :
MSVOA_Y
ClientSampleId :

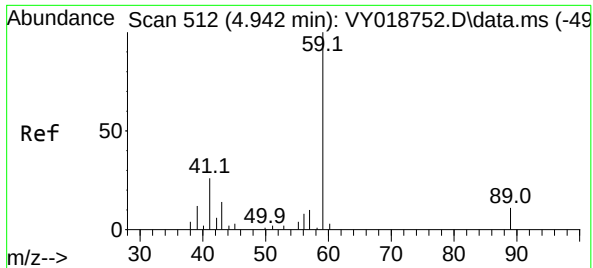
Tgt Ion:101 Resp: 49382
Ion Ratio Lower Upper
101 100
85 46.4 34.5 51.7
151 83.6 61.7 92.5



#10
Methyl Iodide
Concen: 52.074 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion:142 Resp: 59272
Ion Ratio Lower Upper
142 100
127 46.2 32.8 49.2
141 14.1 11.4 17.2

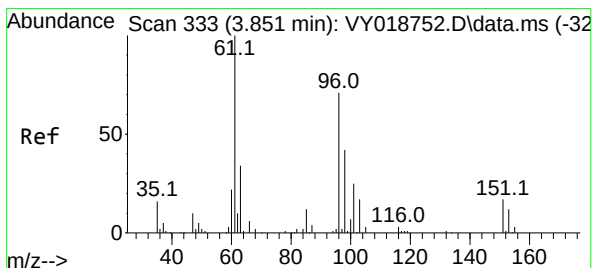
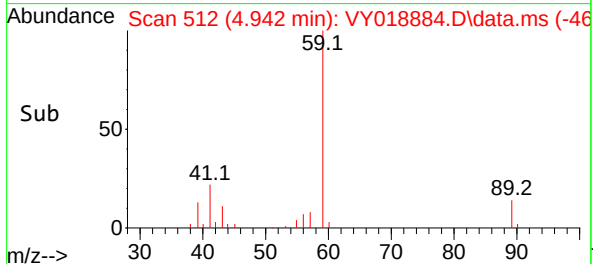
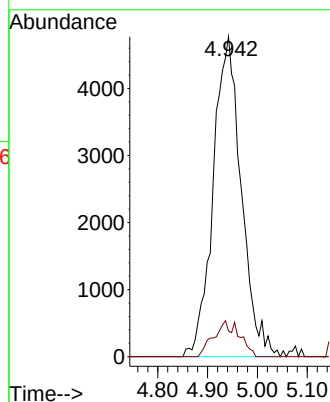
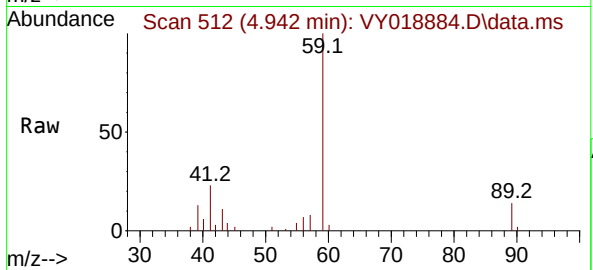




#11
Tert butyl alcohol
Concen: 177.177 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

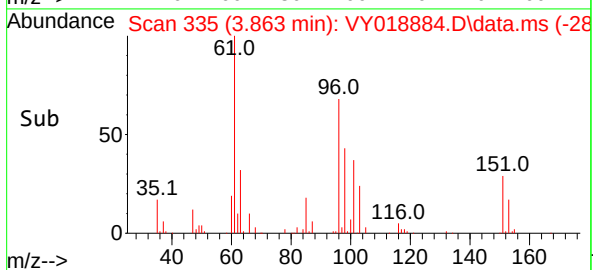
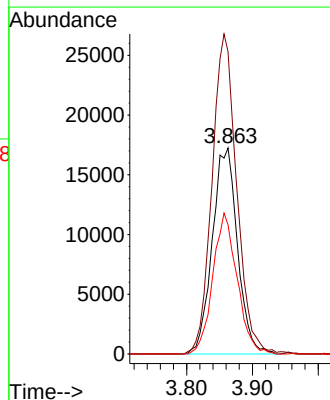
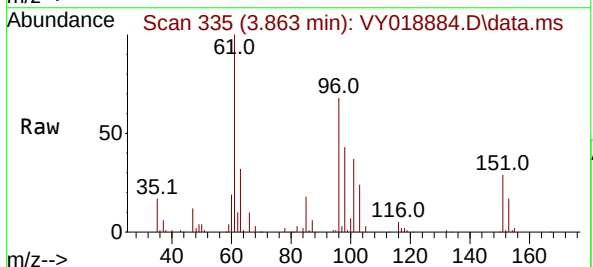
Instrument :
MSVOA_Y
ClientSampleId :

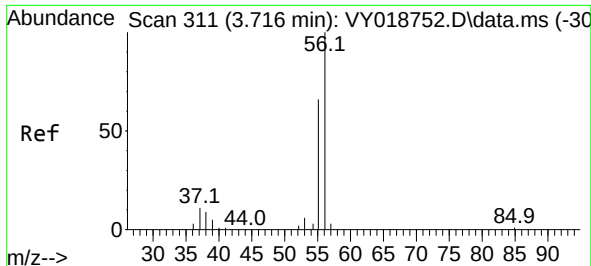
Tgt Ion: 59 Resp: 18693
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 44.984 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.012 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 96 Resp: 45999
Ion Ratio Lower Upper
96 100
61 146.8 114.6 171.8
98 62.7 50.8 76.2

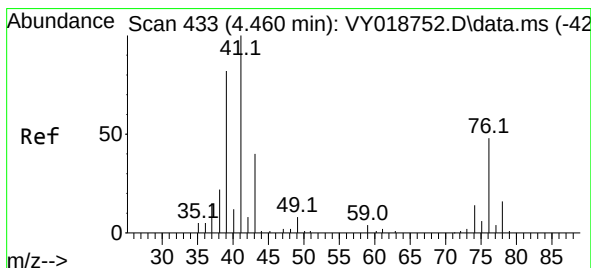
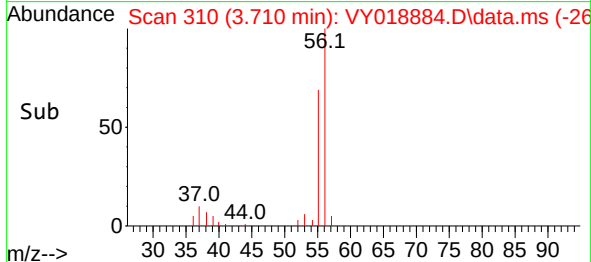
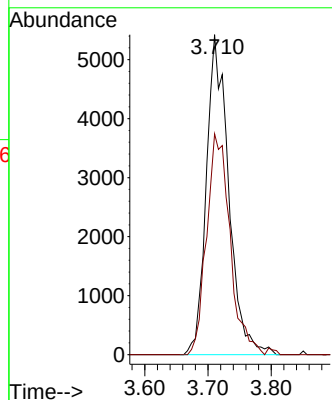
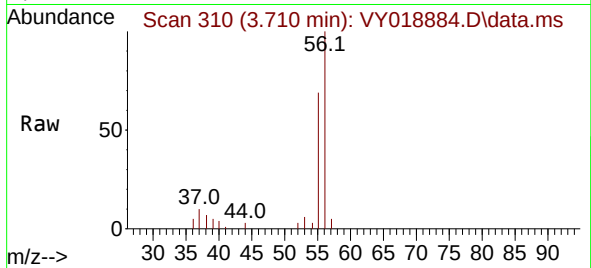




#13
Acrolein
Concen: 156.763 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

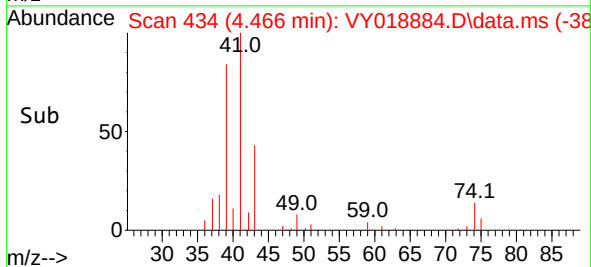
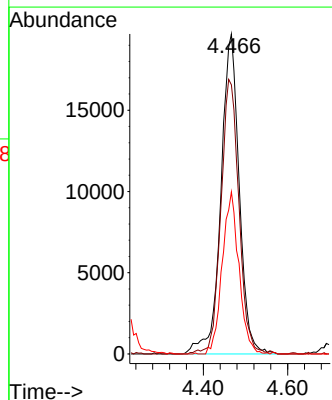
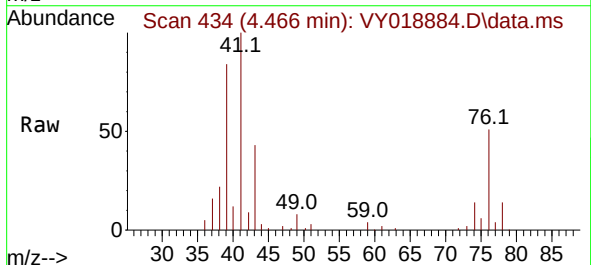
Instrument :
MSVOA_Y
ClientSampleId :

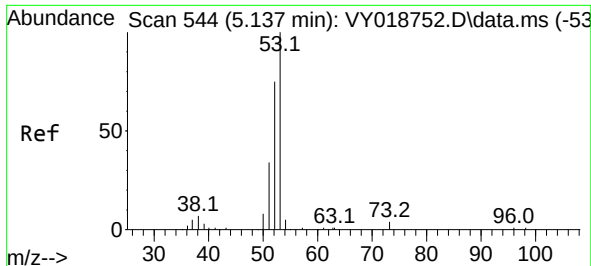
Tgt Ion: 56 Resp: 13251
Ion Ratio Lower Upper
56 100
55 72.7 55.7 83.5



#14
Allyl chloride
Concen: 46.757 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 41 Resp: 59232
Ion Ratio Lower Upper
41 100
39 84.2 58.3 87.5
76 46.1 39.0 58.6

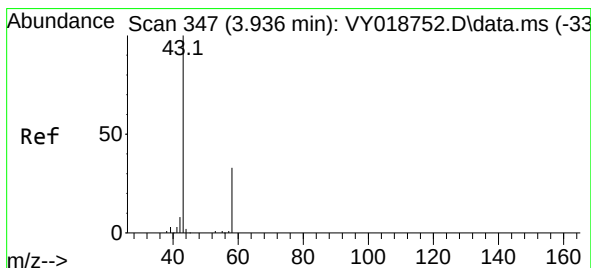
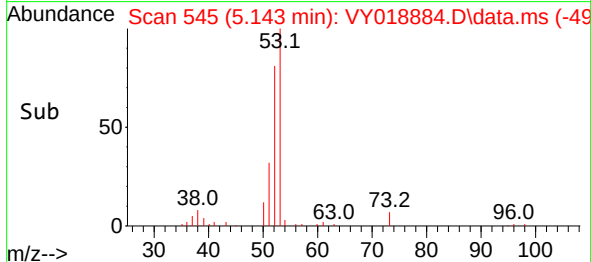
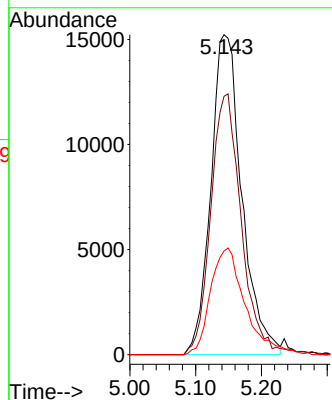
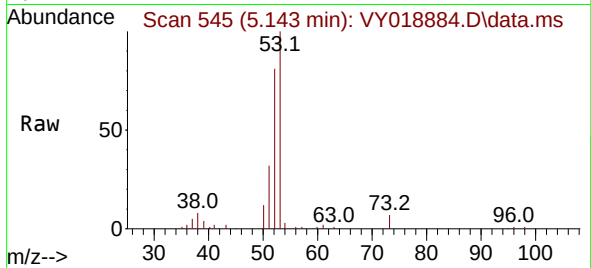




#15
Acrylonitrile
Concen: 251.804 ug/l
RT: 5.143 min Scan# 544
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

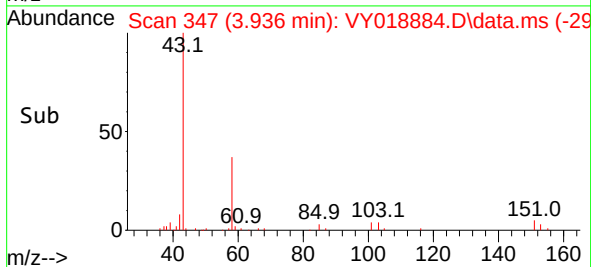
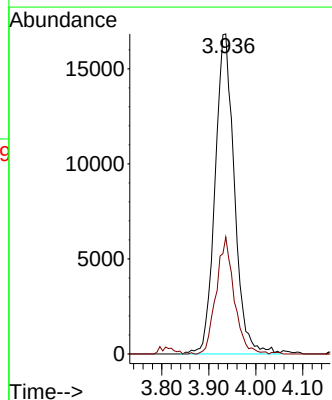
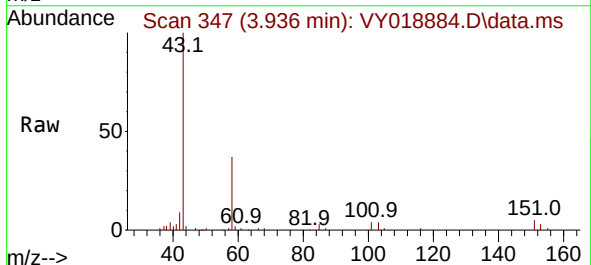
Instrument :
MSVOA_Y
ClientSampleId :

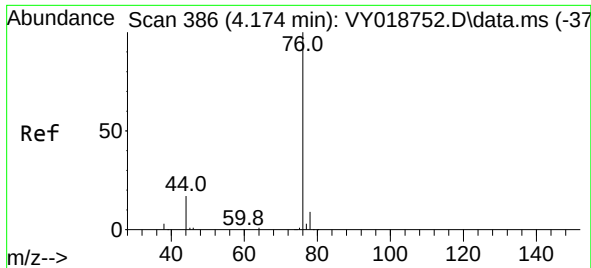
Tgt Ion: 53 Resp: 49879
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 250.765 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 43 Resp: 48150
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5

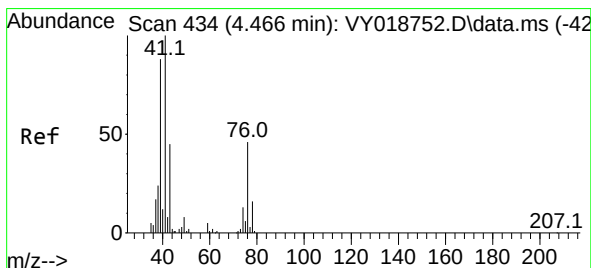
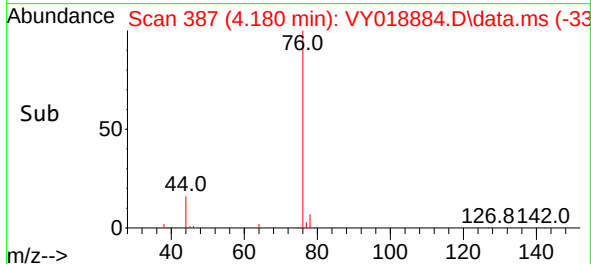
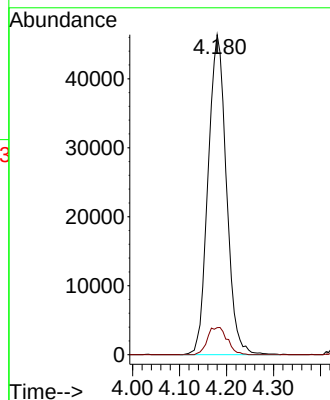
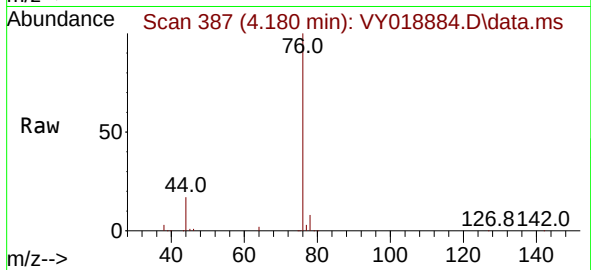




#17
Carbon Disulfide
Concen: 43.751 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

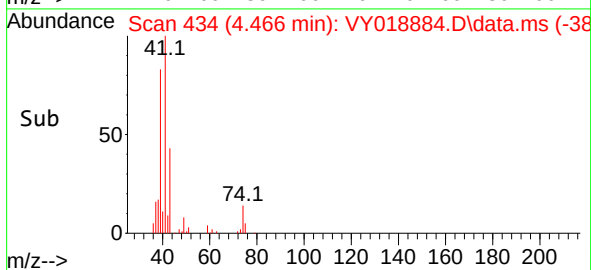
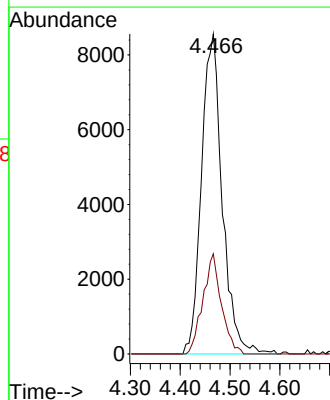
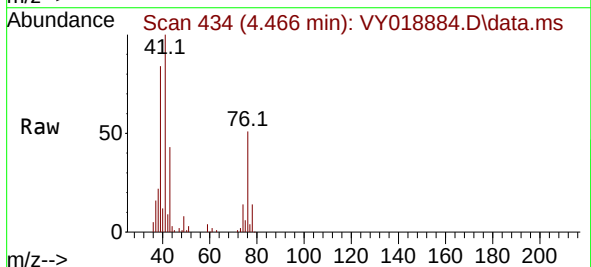
Instrument :
MSVOA_Y
ClientSampleId :

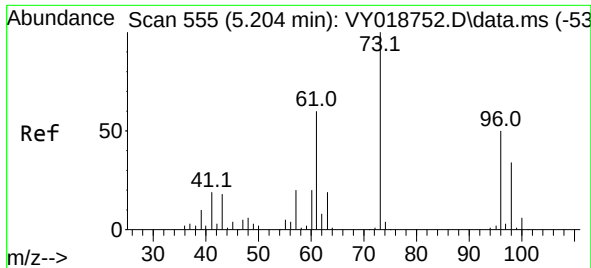
Tgt Ion: 76 Resp: 125272
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 44.428 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 43 Resp: 24787
Ion Ratio Lower Upper
43 100
74 27.8 23.3 34.9

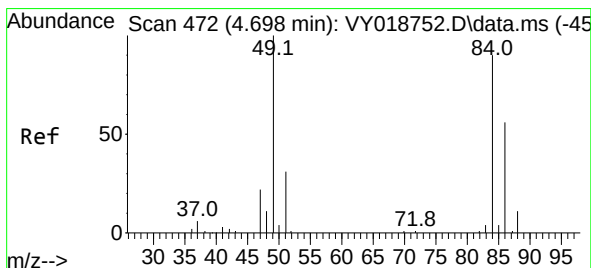
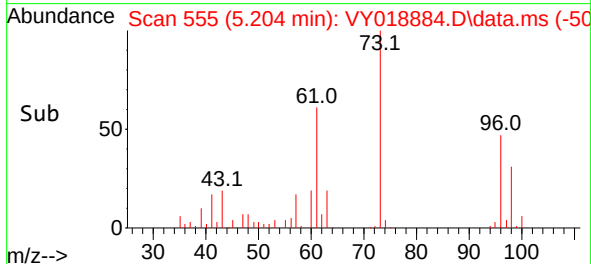
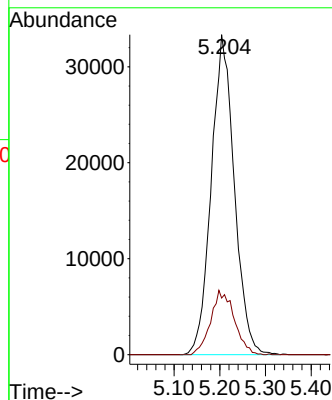
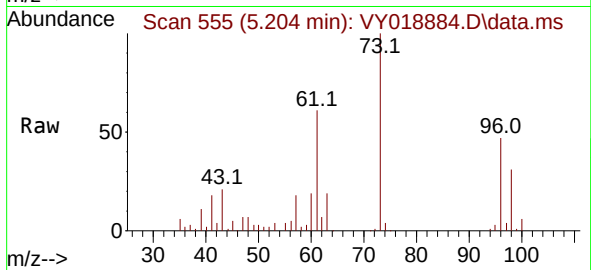




#19
Methyl tert-butyl Ether
Concen: 49.248 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

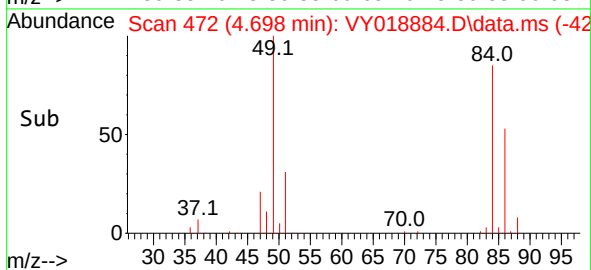
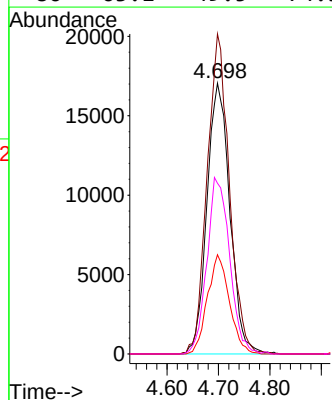
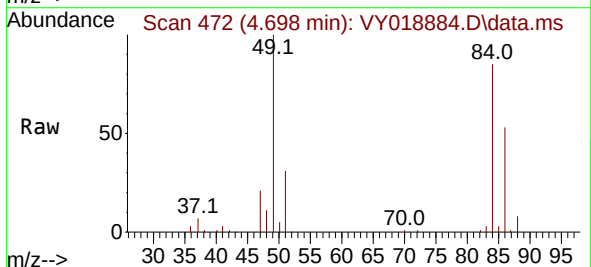
Instrument :
MSVOA_Y
ClientSampleId :

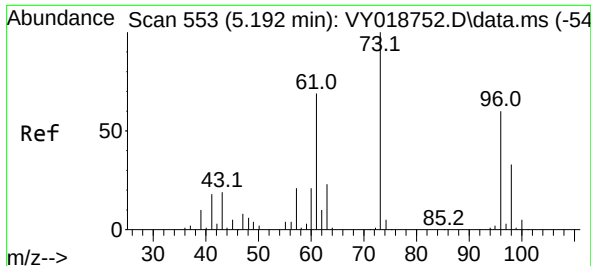
Tgt Ion: 73 Resp: 116822
Ion Ratio Lower Upper
73 100
57 17.7 17.3 25.9



#20
Methylene Chloride
Concen: 48.453 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

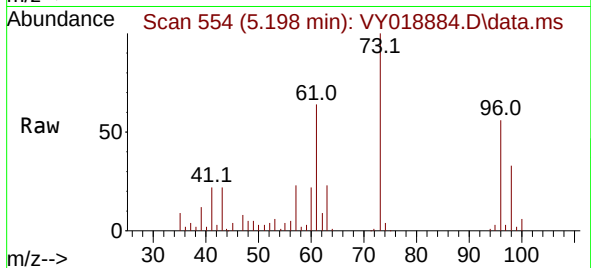
Tgt Ion: 84 Resp: 52856
Ion Ratio Lower Upper
84 100
49 118.2 84.4 126.6
51 36.7 26.0 39.0
86 63.1 49.5 74.3



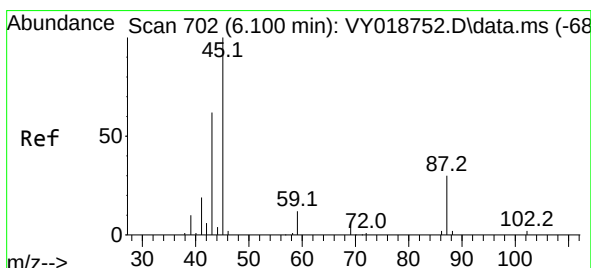
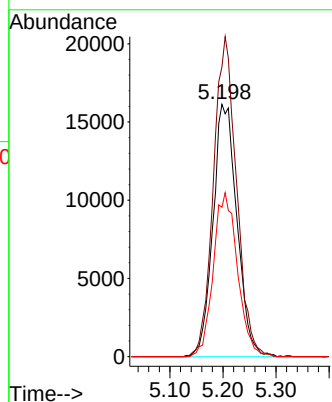
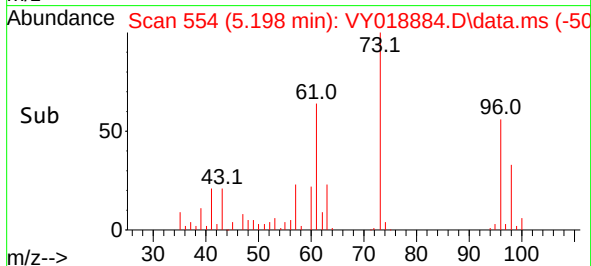


#21
trans-1,2-Dichloroethene
Concen: 47.007 ug/l
RT: 5.198 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :

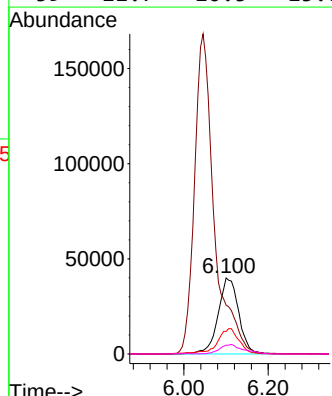
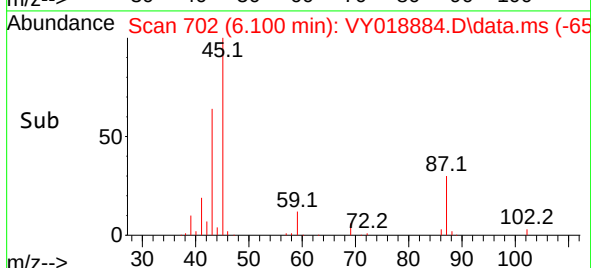
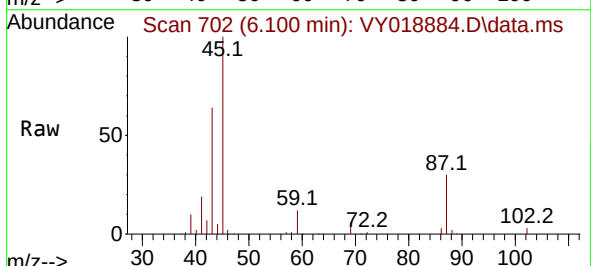


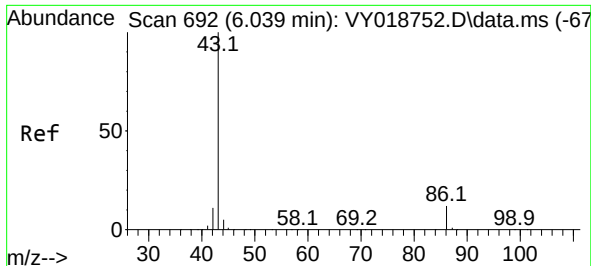
Tgt Ion: 96 Resp: 50732
Ion Ratio Lower Upper
96 100
61 114.9 97.5 146.3
98 59.2 50.5 75.7



#22
Diisopropyl ether
Concen: 48.905 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 45 Resp: 134765
Ion Ratio Lower Upper
45 100
43 63.7 42.2 63.2#
87 29.5 25.0 37.6
59 11.7 10.5 15.7

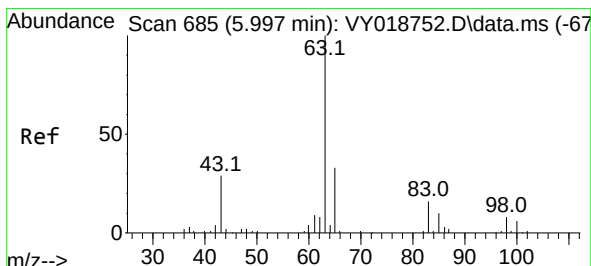
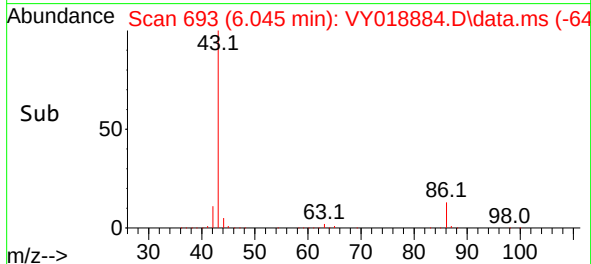
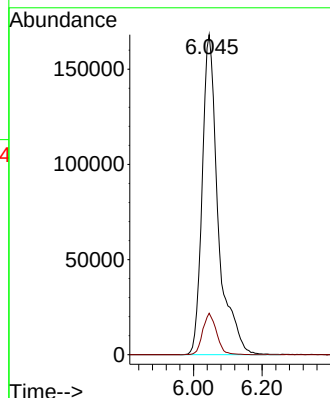
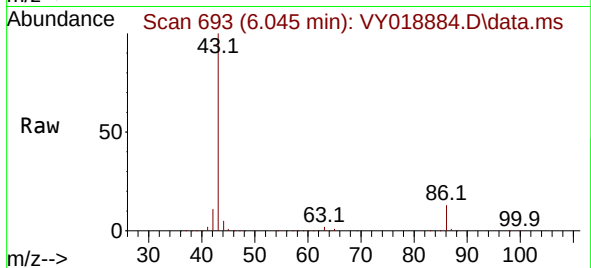




#23
 Vinyl Acetate
 Concen: 251.296 ug/l
 RT: 6.045 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY018884.D
 Acq: 19 Jul 2024 16:18

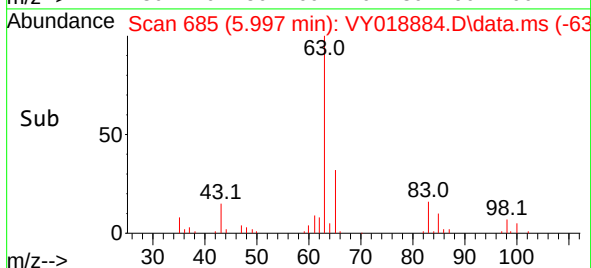
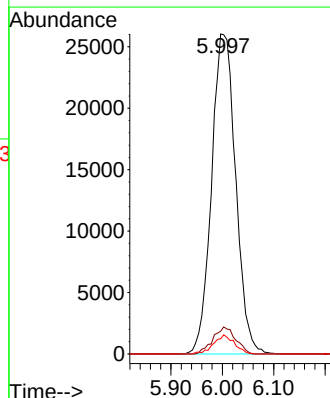
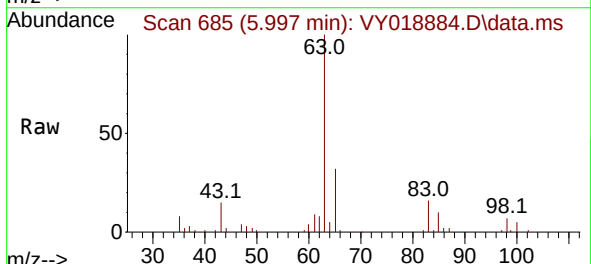
Instrument :
 MSVOA_Y
 ClientSampleId :

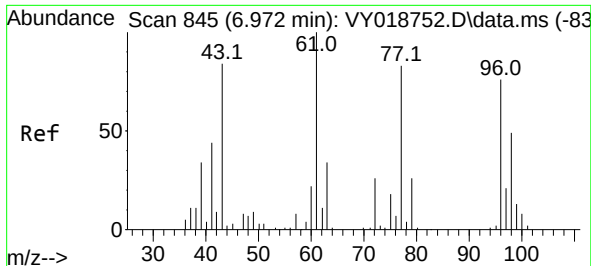
Tgt Ion: 43 Resp: 545555
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.149 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018884.D
 Acq: 19 Jul 2024 16:18

Tgt Ion: 63 Resp: 84713
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.7 2.6 8.0

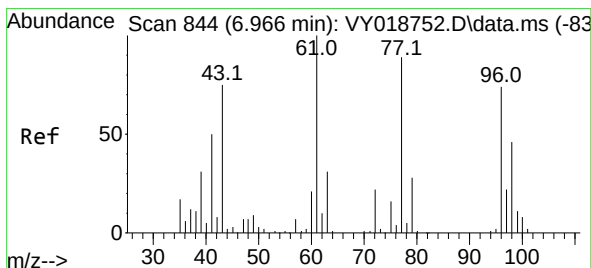
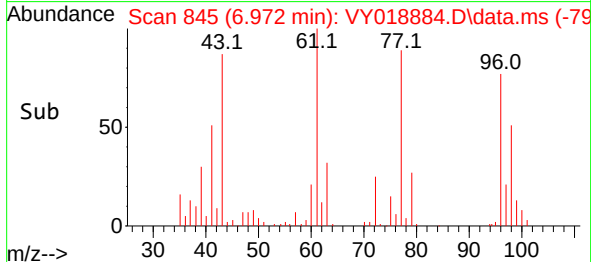
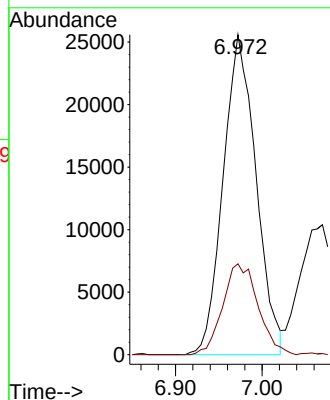
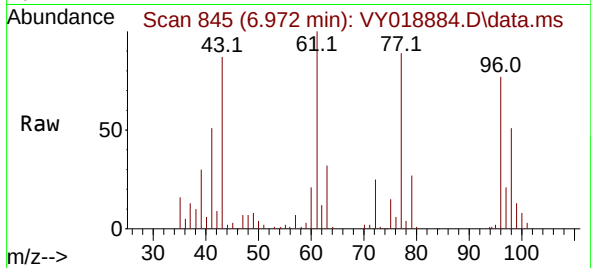




#25
2-Butanone
Concen: 250.397 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

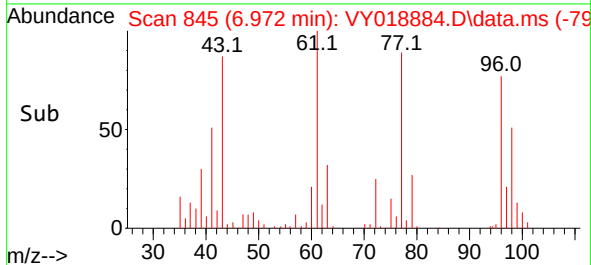
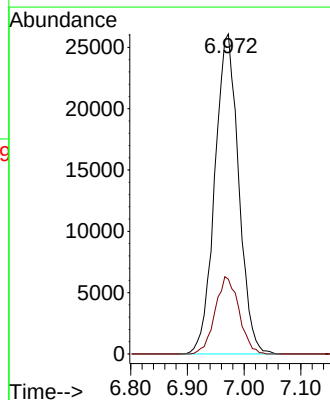
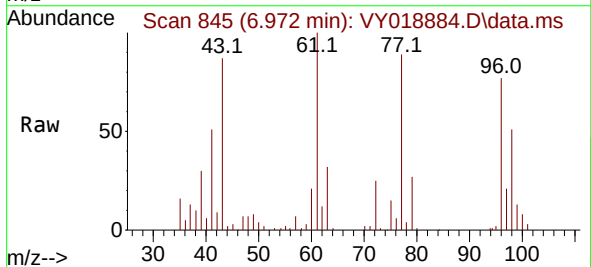
Instrument :
MSVOA_Y
ClientSampleId :

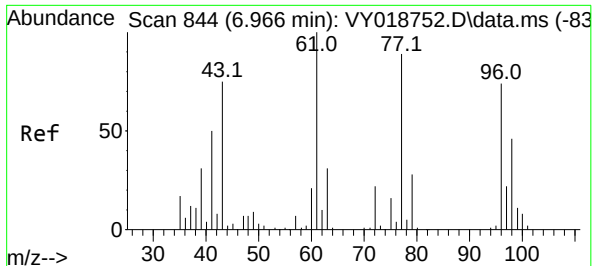
Tgt Ion: 43 Resp: 67394
Ion Ratio Lower Upper
43 100
72 28.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 46.768 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 77 Resp: 76348
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 47.266 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

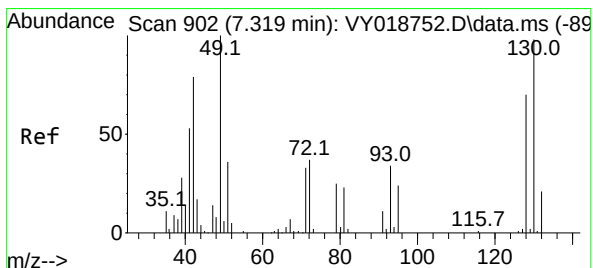
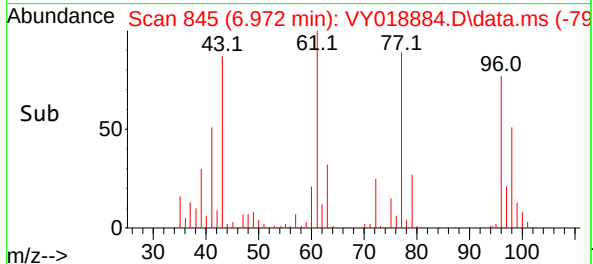
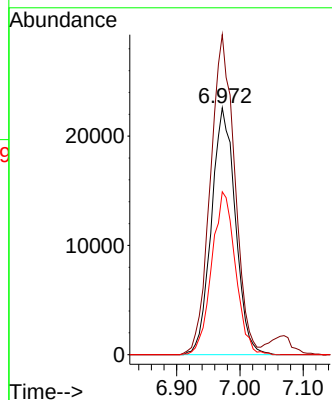
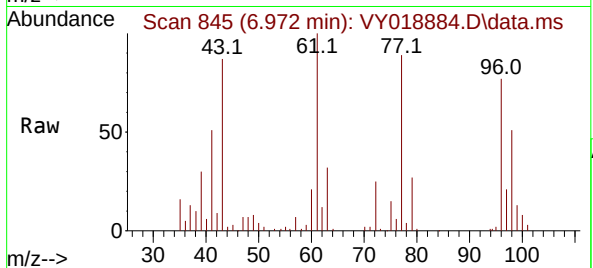
Tgt Ion: 96 Resp: 59390

Ion Ratio Lower Upper

96 100

61 131.8 0.0 256.2

98 65.4 0.0 130.0



#28

Bromochloromethane

Concen: 53.472 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

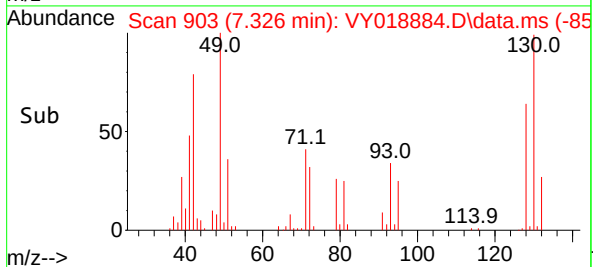
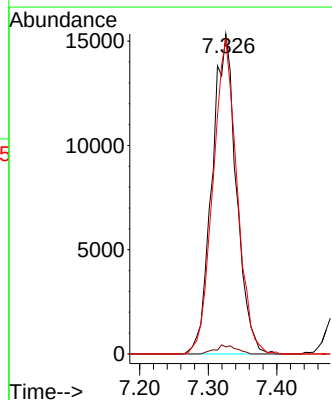
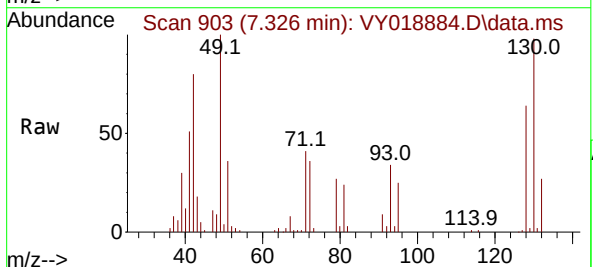
Tgt Ion: 49 Resp: 37786

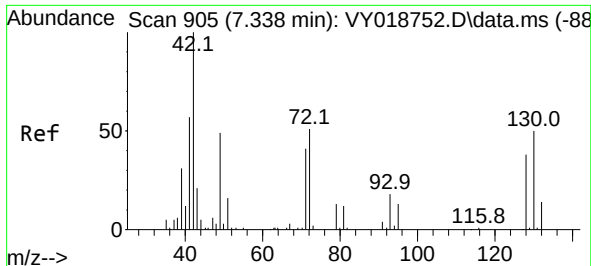
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 97.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 253.448 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

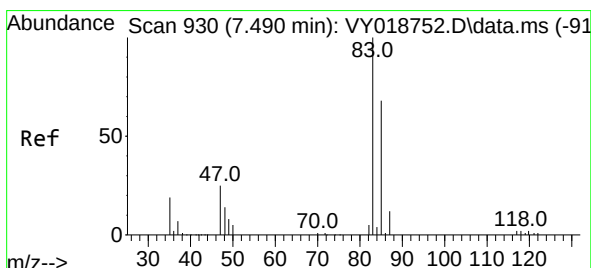
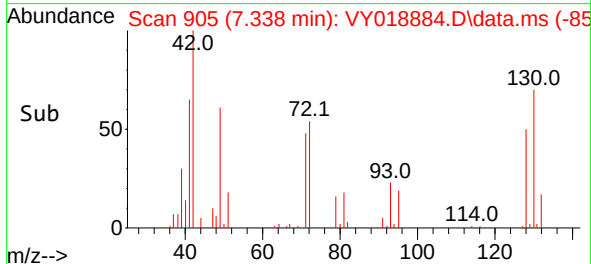
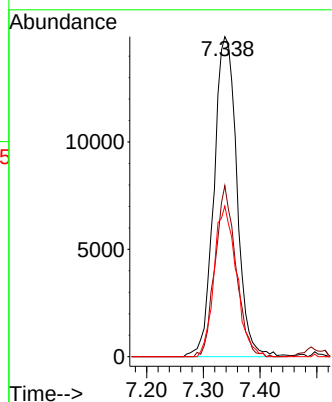
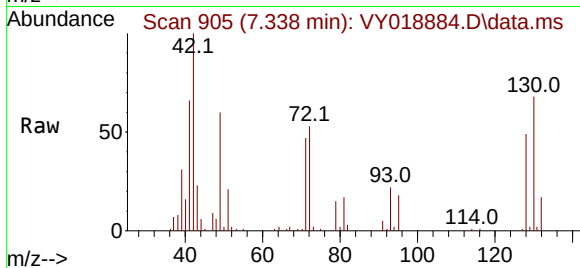
Tgt Ion: 42 Resp: 41820

Ion Ratio Lower Upper

42 100

72 48.5 43.0 64.4

71 45.9 40.8 61.2



#30

Chloroform

Concen: 49.148 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.006 min

Lab File: VY018884.D

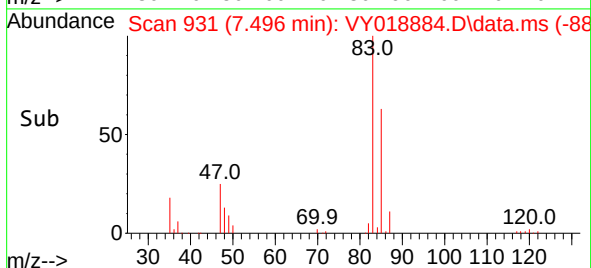
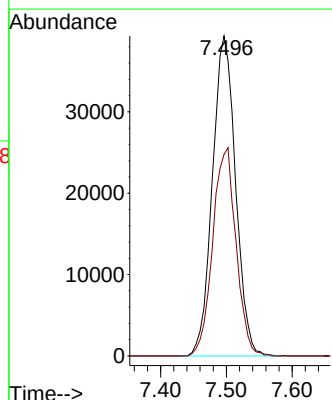
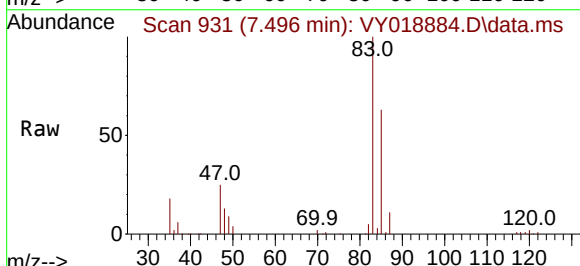
Acq: 19 Jul 2024 16:18

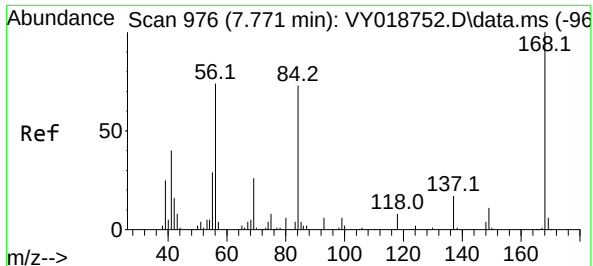
Tgt Ion: 83 Resp: 96372

Ion Ratio Lower Upper

83 100

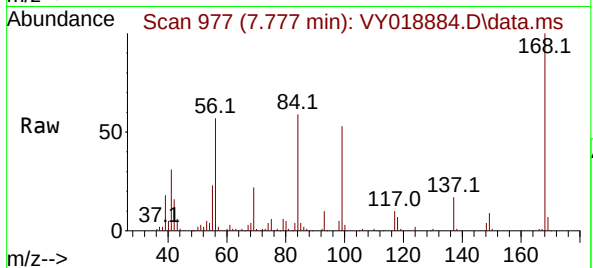
85 63.0 52.2 78.4



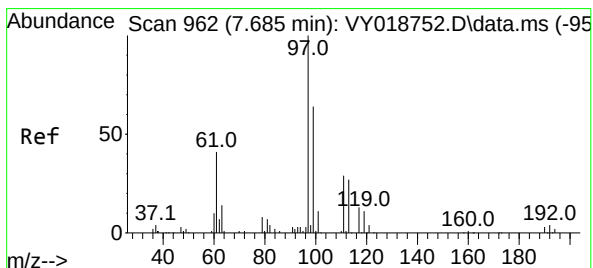
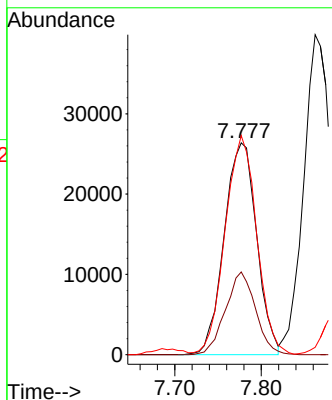
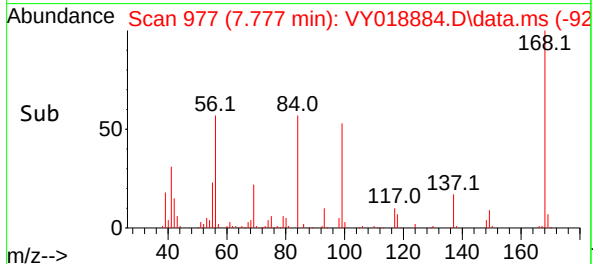


#31
Cyclohexane
Concen: 42.978 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

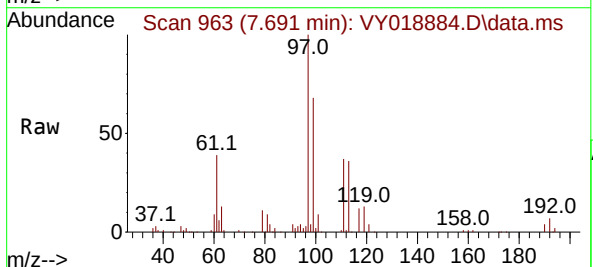
Instrument :
MSVOA_Y
ClientSampleId :



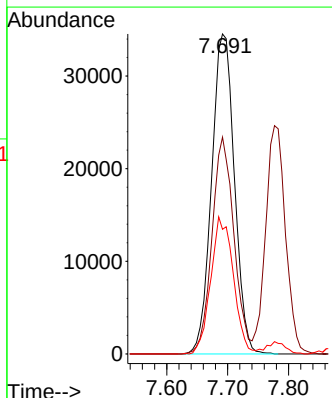
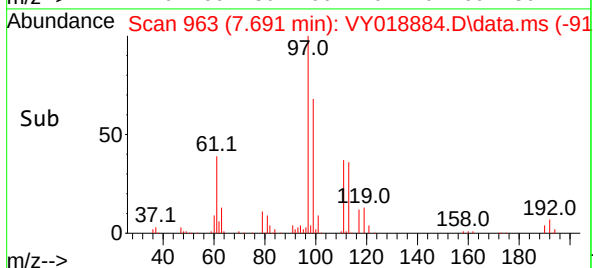
Tgt Ion: 56 Resp: 68768
Ion Ratio Lower Upper
56 100
69 39.0 28.7 43.1
84 101.5 77.7 116.5

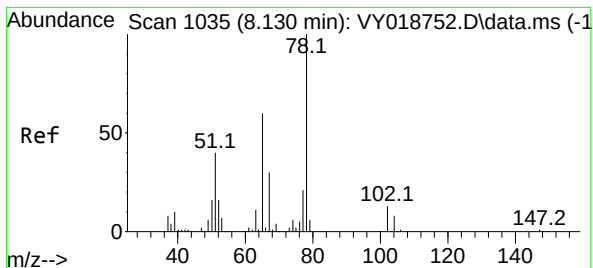


#32
1,1,1-Trichloroethane
Concen: 49.238 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18



Tgt Ion: 97 Resp: 89780
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 42.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.665 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

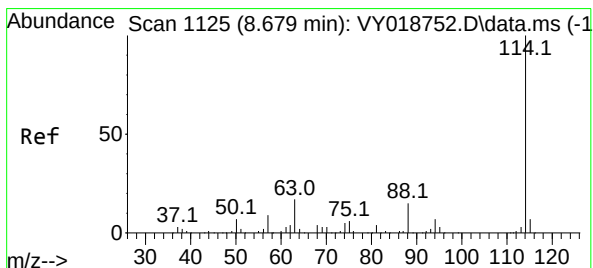
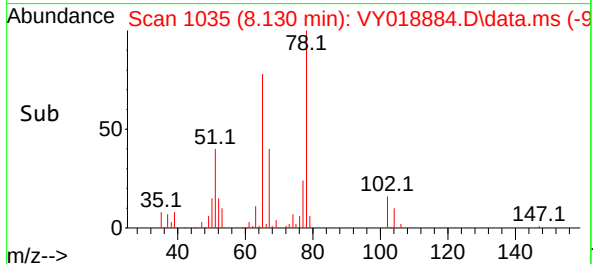
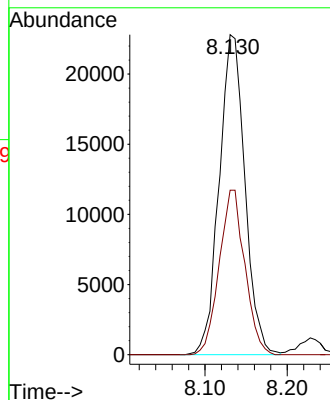
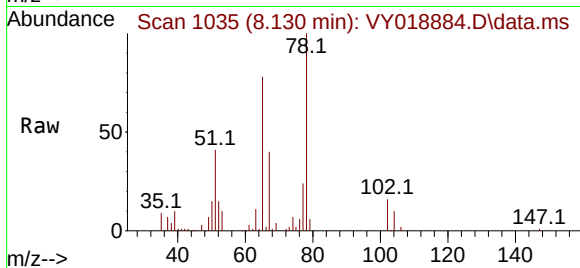
ClientSampleId :

Tgt Ion: 65 Resp: 49643

Ion Ratio Lower Upper

65 100

67 51.2 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: VY018884.D

Acq: 19 Jul 2024 16:18

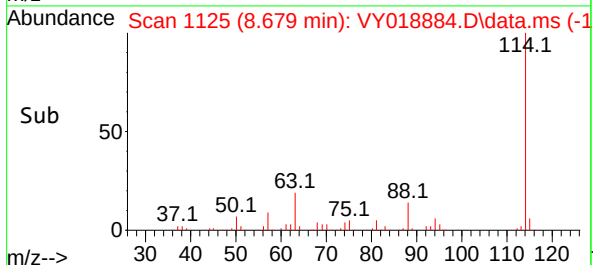
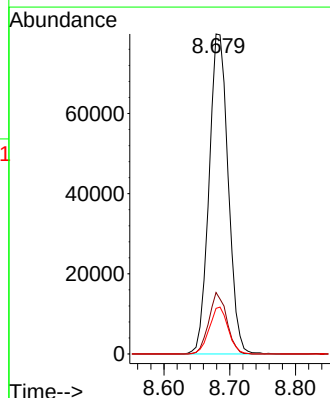
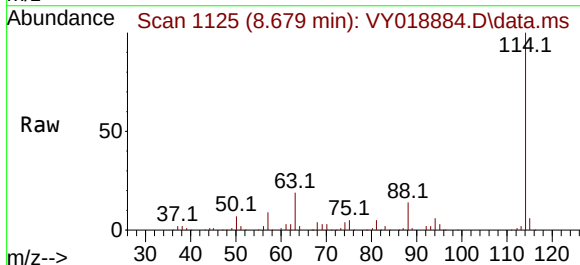
Tgt Ion: 114 Resp: 161307

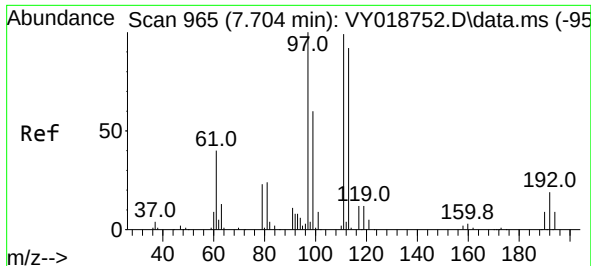
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

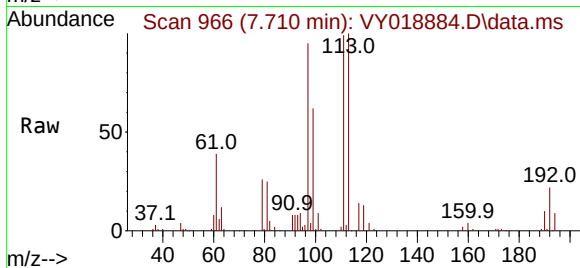
88 14.3 0.0 27.2



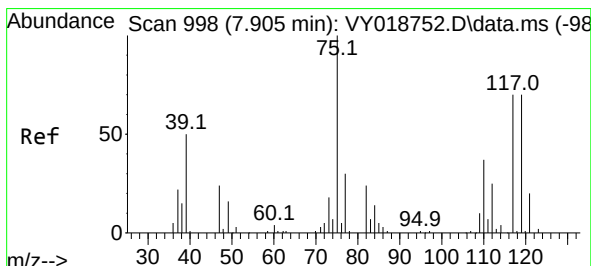
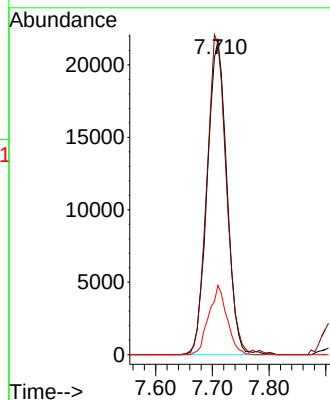
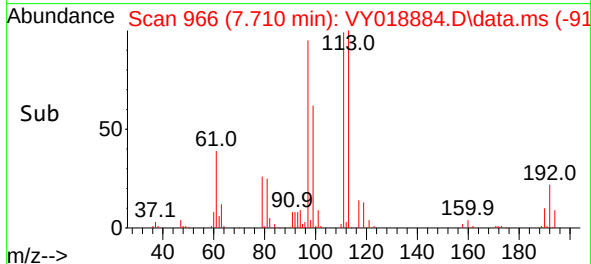


#35
Dibromofluoromethane
Concen: 51.614 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :

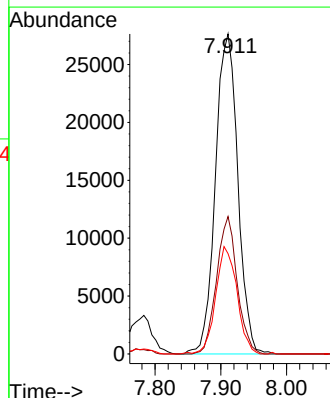
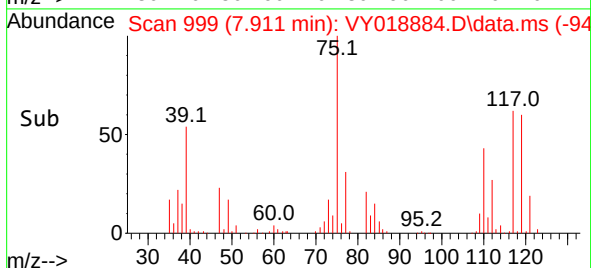
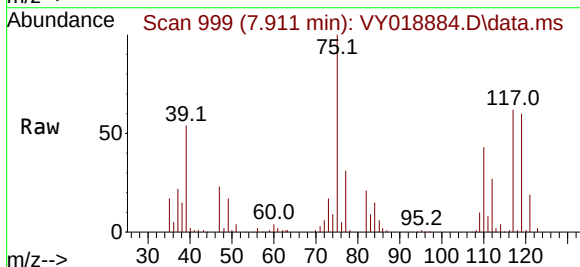


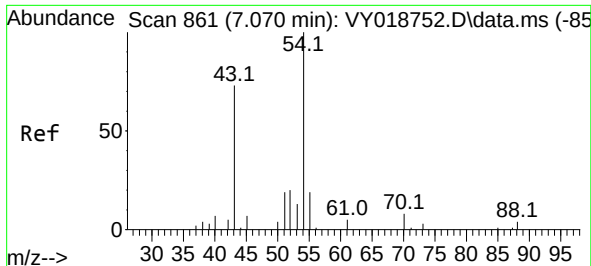
Tgt Ion:113 Resp: 52146
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.070 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 75 Resp: 65627
Ion Ratio Lower Upper
75 100
110 39.4 19.0 57.0
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 52.158 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

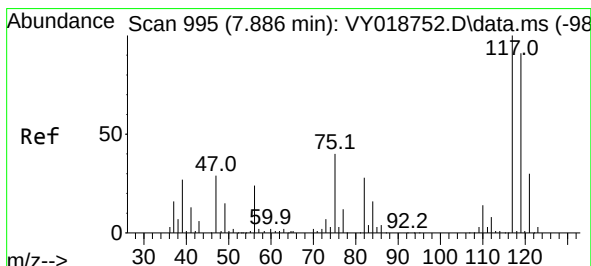
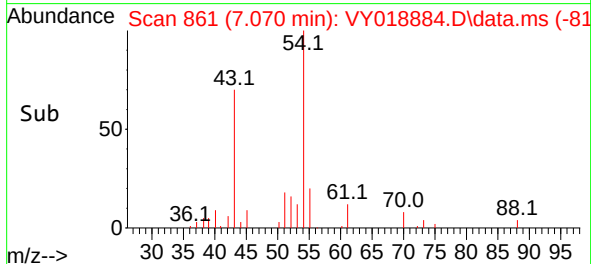
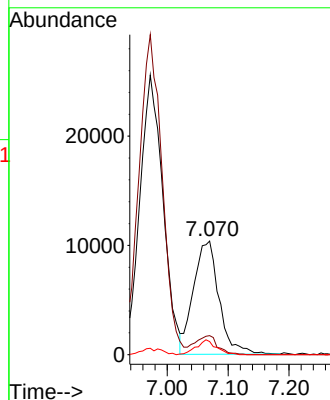
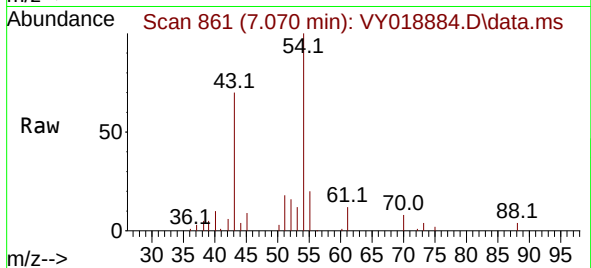
Tgt Ion: 43 Resp: 30227

Ion Ratio Lower Upper

43 100

61 14.7 12.6 19.0

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.565 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

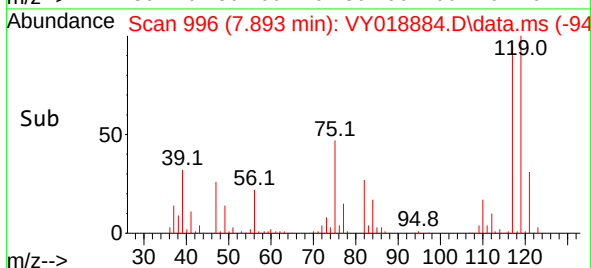
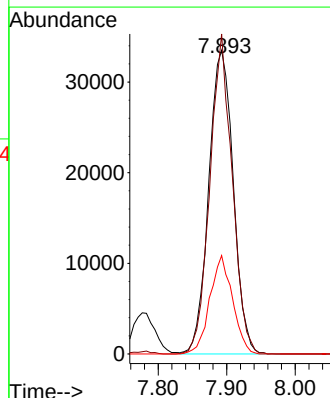
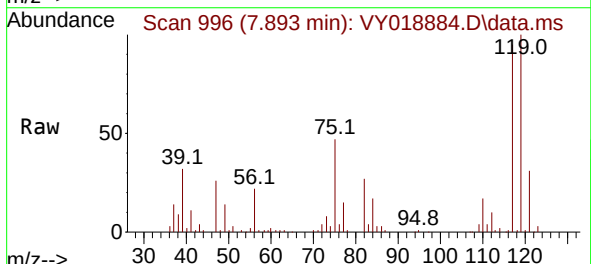
Tgt Ion: 117 Resp: 83232

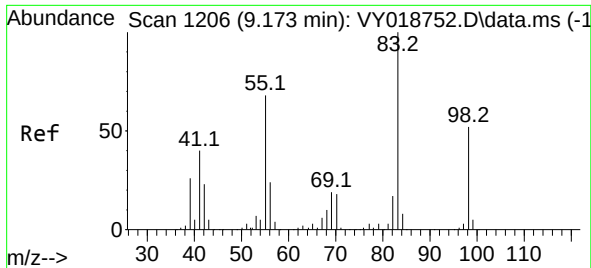
Ion Ratio Lower Upper

117 100

119 105.3 75.8 113.6

121 32.4 24.0 36.0

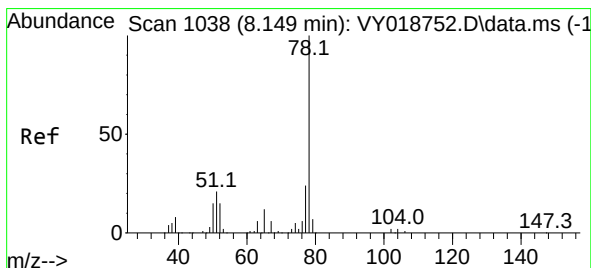
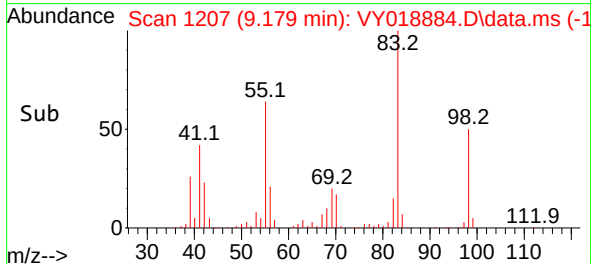
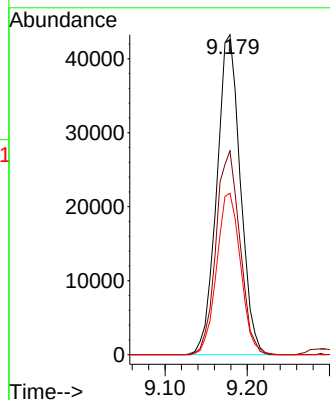
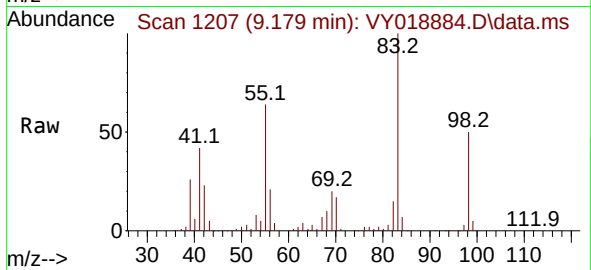




#39
Methylcyclohexane
Concen: 48.220 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

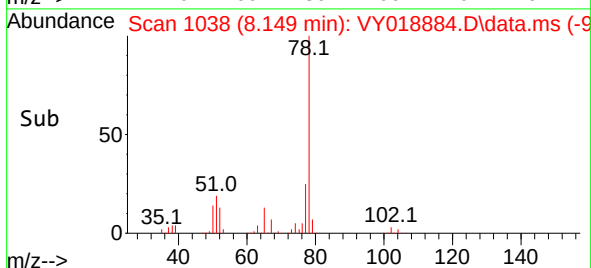
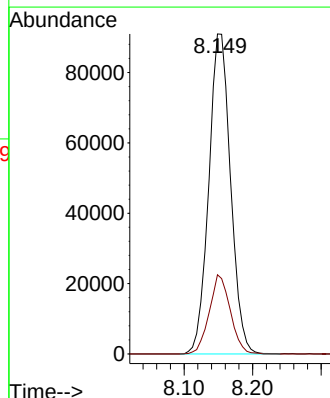
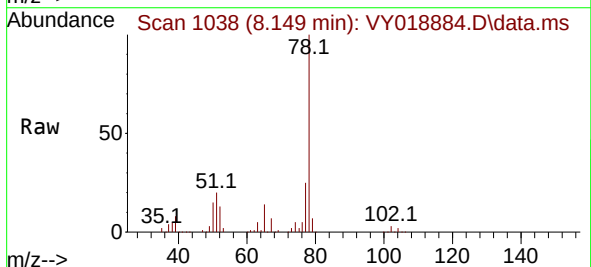
Instrument :
MSVOA_Y
ClientSampleId :

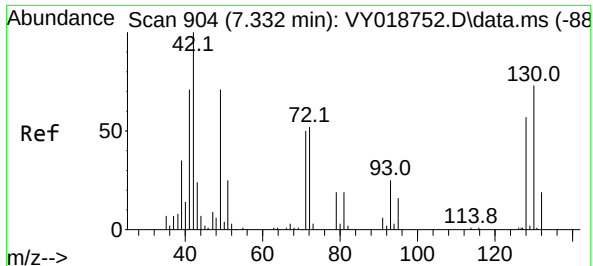
Tgt Ion: 83 Resp: 86156
Ion Ratio Lower Upper
83 100
55 63.7 51.5 77.3
98 50.4 40.5 60.7



#40
Benzene
Concen: 49.691 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

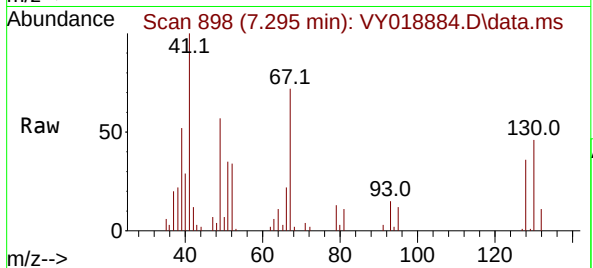
Tgt Ion: 78 Resp: 200981
Ion Ratio Lower Upper
78 100
77 24.8 19.5 29.3



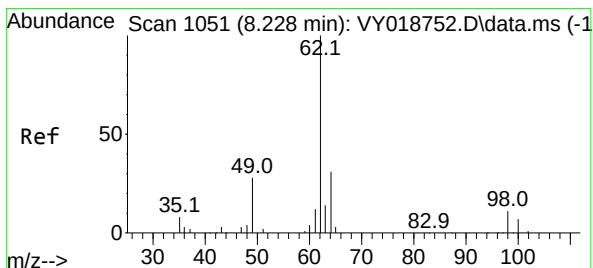
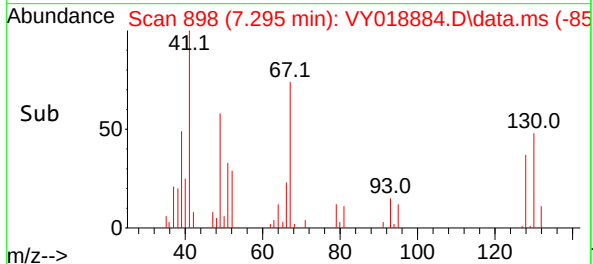
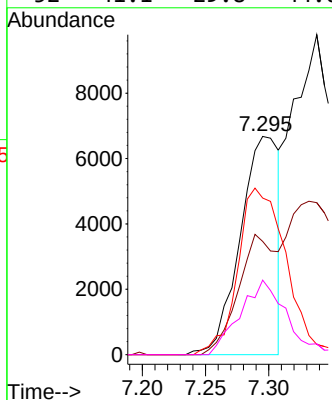


#41
Methacrylonitrile
Concen: 43.032 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.037 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :

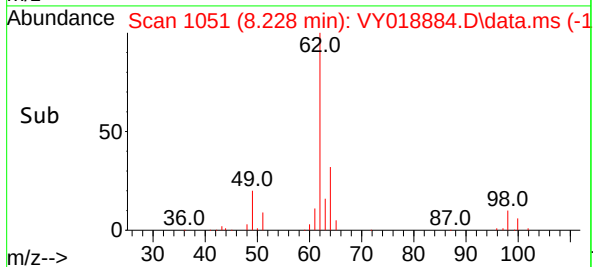
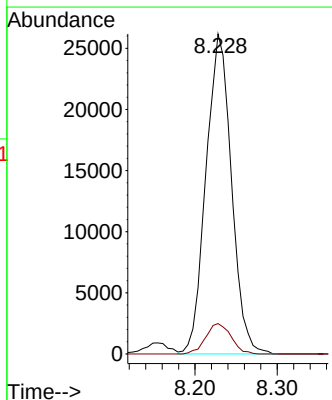
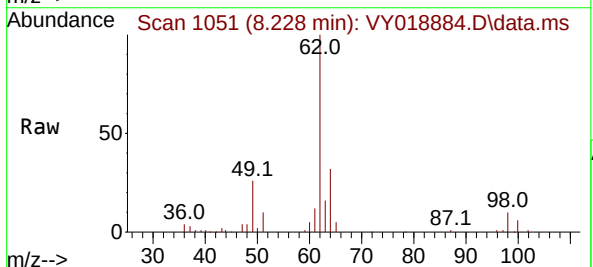


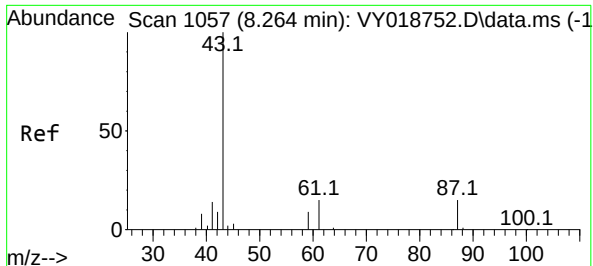
Tgt Ion:	41	Resp:	14218
Ion	Ratio	Lower	Upper
41	100		
39	54.4	48.0	72.0
67	95.0	75.1	112.7
52	41.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 49.758 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion:	62	Resp:	56346
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0

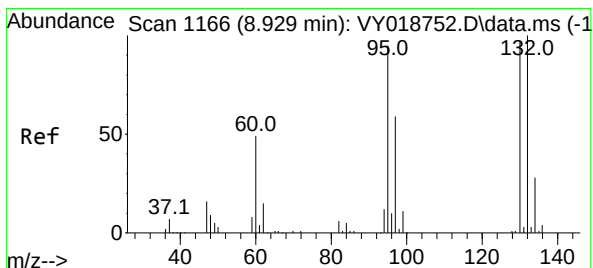
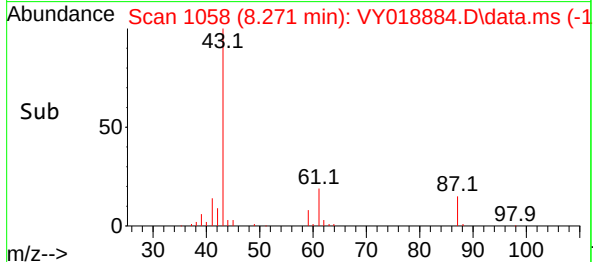
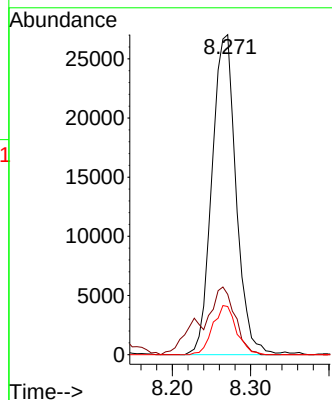
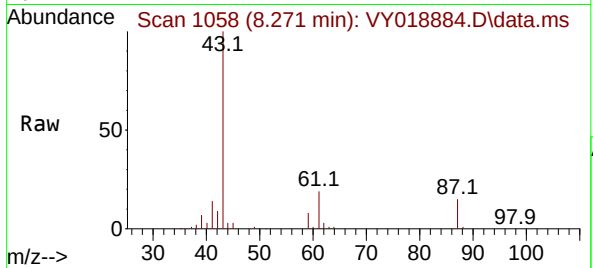




#43
Isopropyl Acetate
Concen: 50.151 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

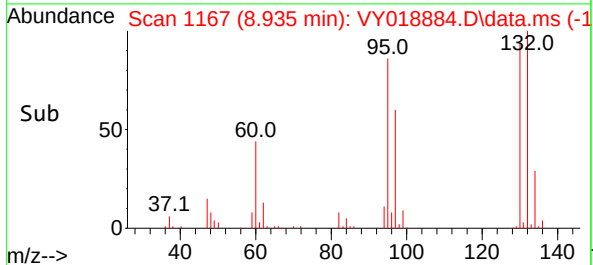
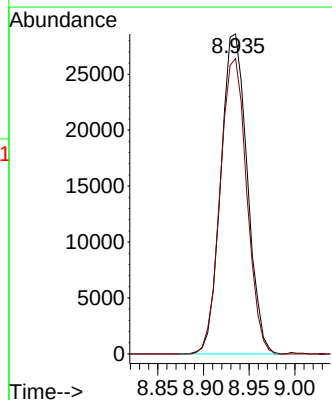
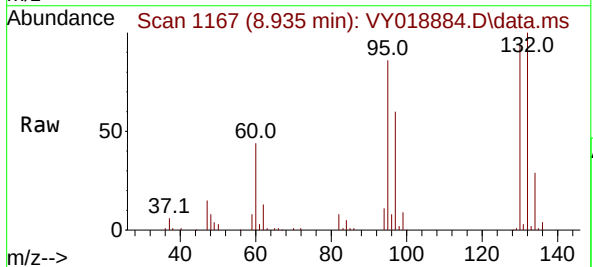
Instrument :
MSVOA_Y
ClientSampleId :

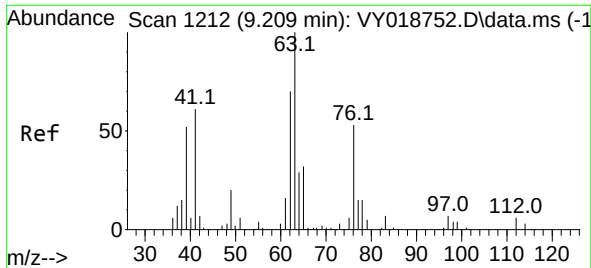
Tgt Ion: 43 Resp: 57832
Ion Ratio Lower Upper
43 100
61 20.6 27.9 41.9#
87 15.1 13.1 19.7



#44
Trichloroethene
Concen: 49.688 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion:130 Resp: 57446
Ion Ratio Lower Upper
130 100
95 92.3 0.0 188.0

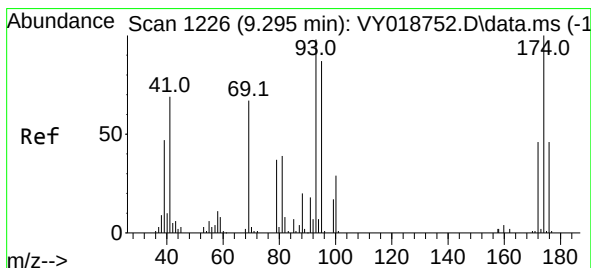
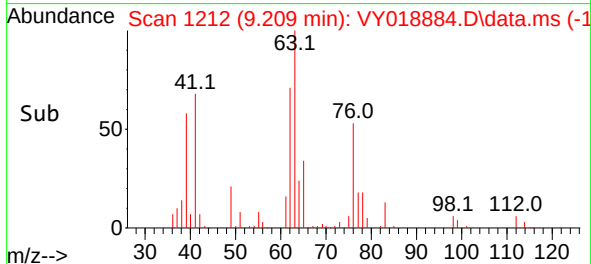
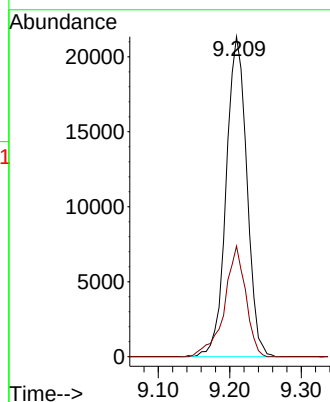
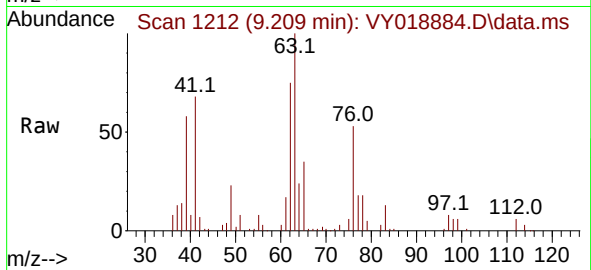




#45
1,2-Dichloropropane
Concen: 48.605 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

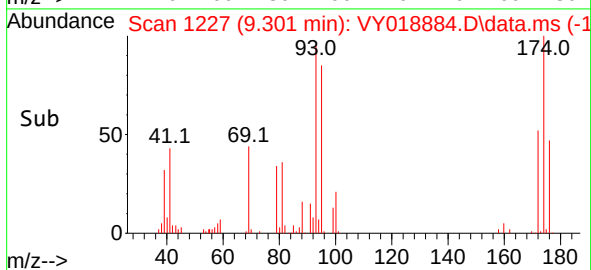
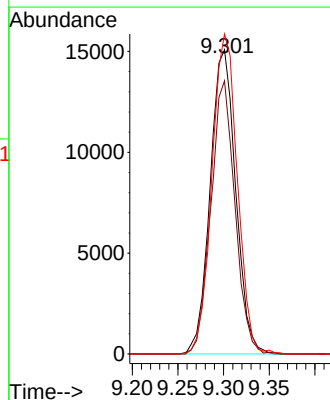
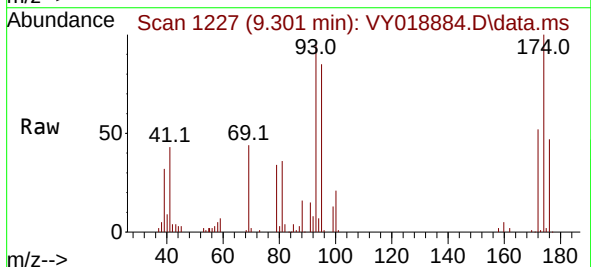
Instrument :
MSVOA_Y
ClientSampleId :

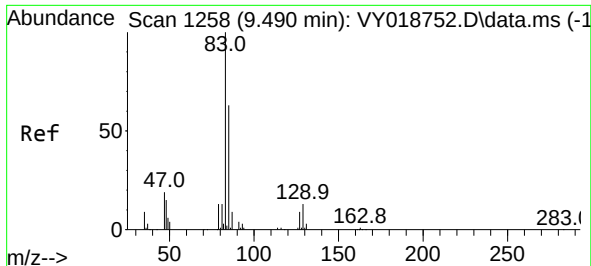
Tgt Ion: 63 Resp: 42809
Ion Ratio Lower Upper
63 100
65 34.5 25.4 38.2



#46
Dibromomethane
Concen: 51.208 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 93 Resp: 29234
Ion Ratio Lower Upper
93 100
95 85.0 66.2 99.4
174 104.8 80.9 121.3





#47

Bromodichloromethane

Concen: 52.332 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018884.D

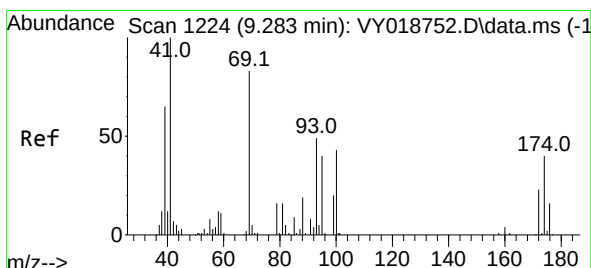
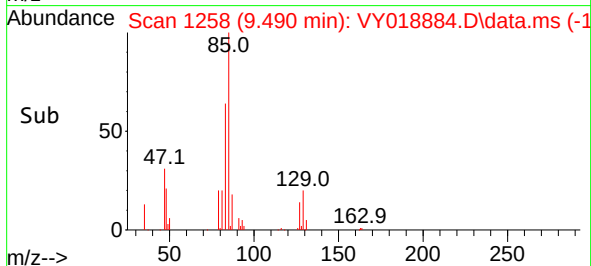
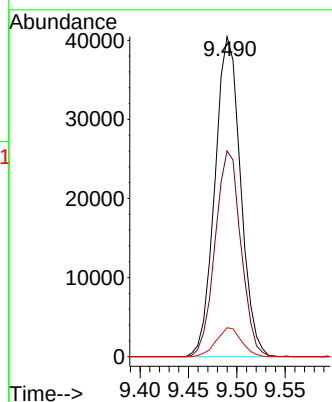
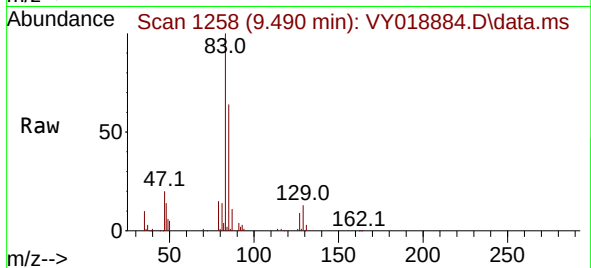
Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	74635
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1
127	9.1	7.4	11.0



#48

Methyl methacrylate

Concen: 46.975 ug/l

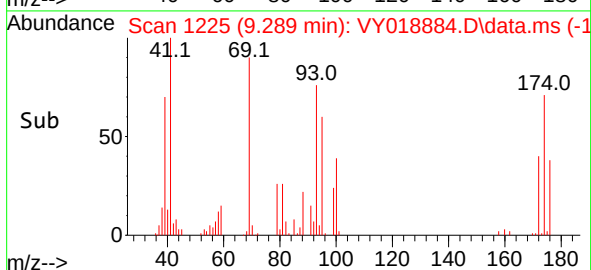
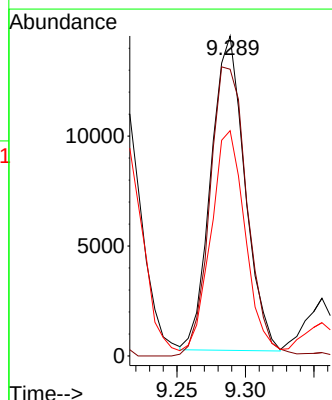
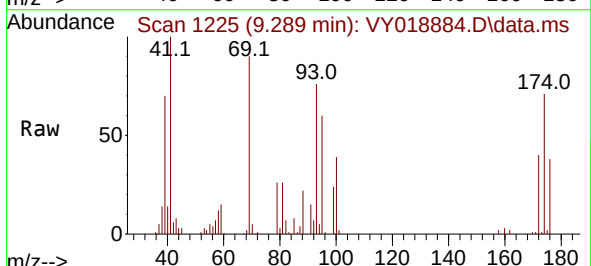
RT: 9.289 min Scan# 1225

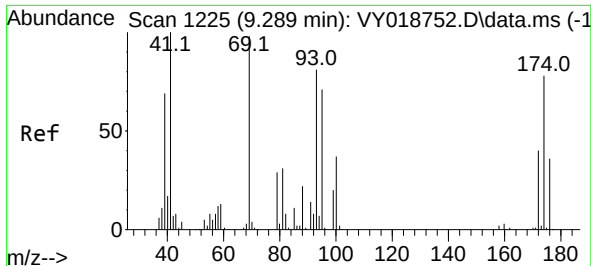
Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Tgt Ion:	41	Resp:	24622
Ion	Ratio	Lower	Upper
41	100		
69	100.7	84.1	126.1
39	73.6	43.6	65.4





#49

1,4-Dioxane

Concen: 1070.062 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

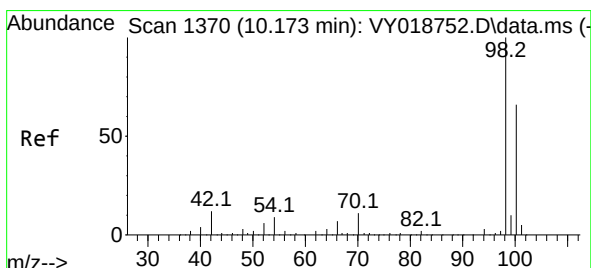
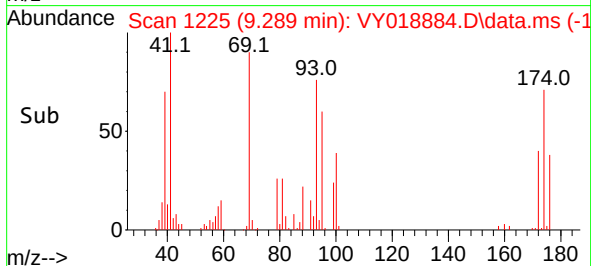
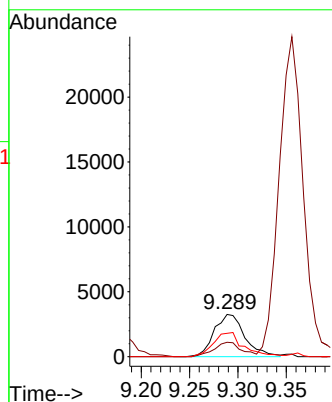
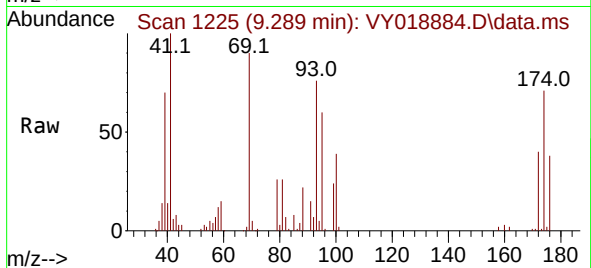
Tgt Ion: 88 Resp: 7161

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 56.0 49.3 73.9



#50

Toluene-d8

Concen: 47.373 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018884.D

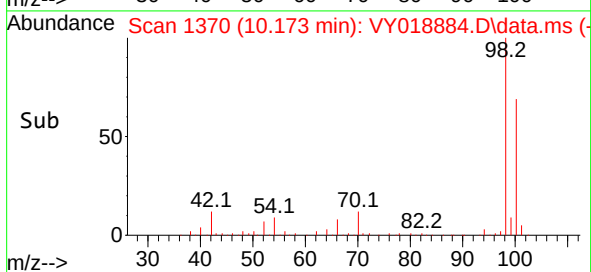
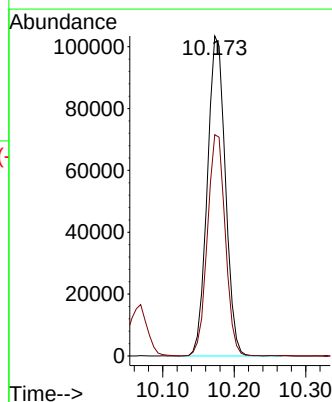
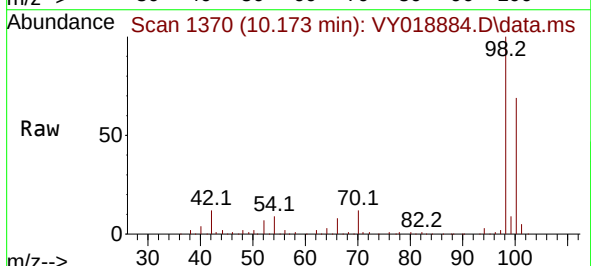
Acq: 19 Jul 2024 16:18

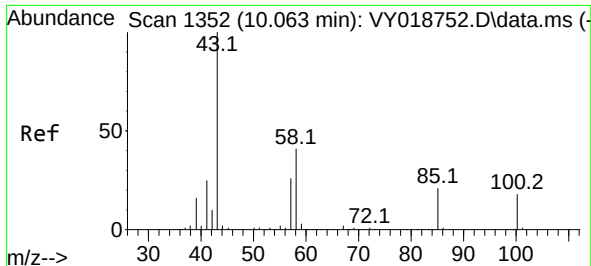
Tgt Ion: 98 Resp: 181324

Ion Ratio Lower Upper

98 100

100 68.5 52.0 78.0

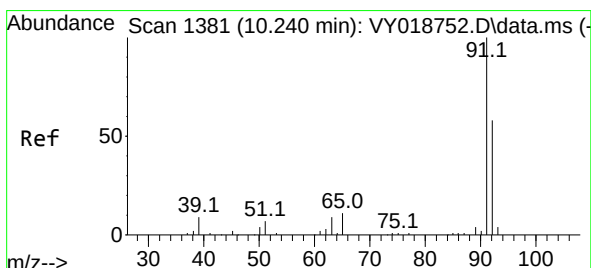
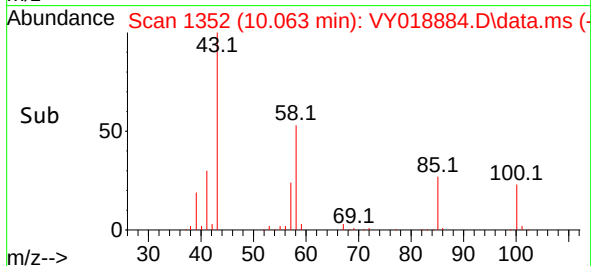
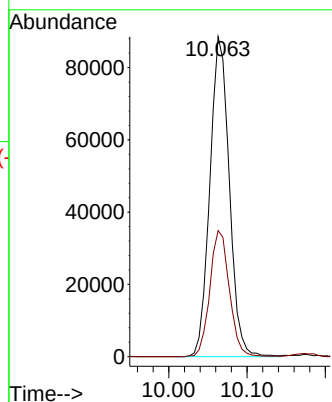
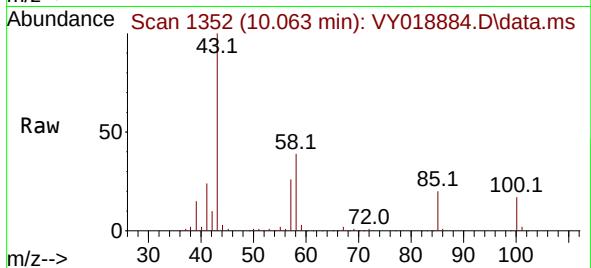




#51
4-Methyl-2-Pentanone
Concen: 258.982 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

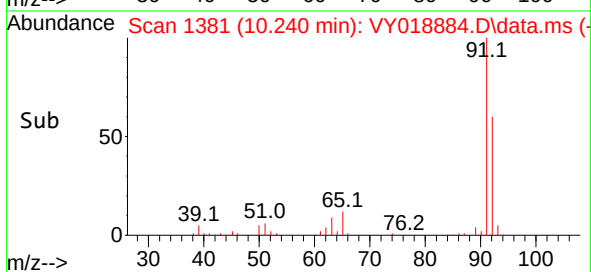
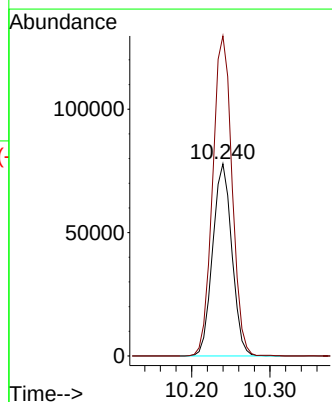
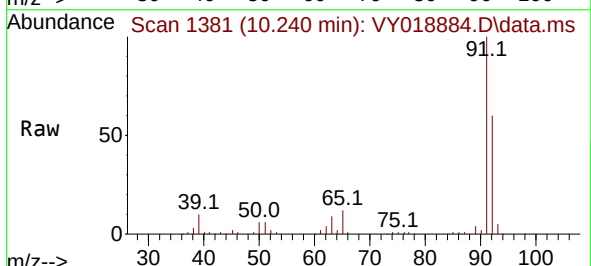
Instrument :
MSVOA_Y
ClientSampleId :

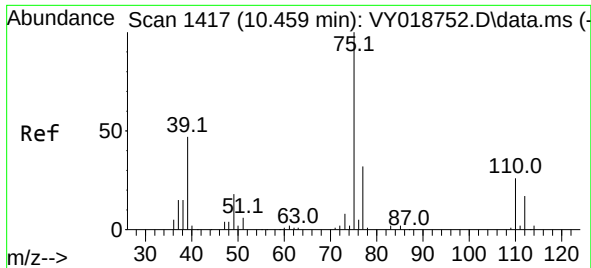
Tgt Ion: 43 Resp: 152478
Ion Ratio Lower Upper
43 100
58 39.6 35.7 53.5



#52
Toluene
Concen: 49.202 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 92 Resp: 132266
Ion Ratio Lower Upper
92 100
91 168.7 139.0 208.6

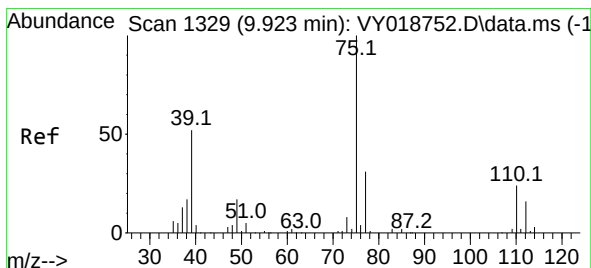
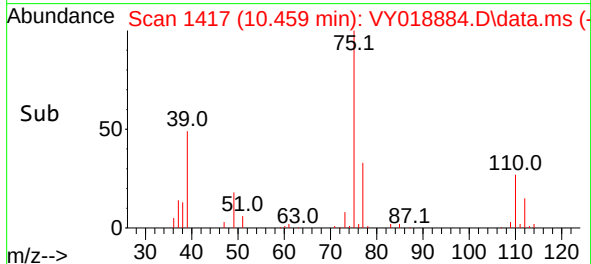
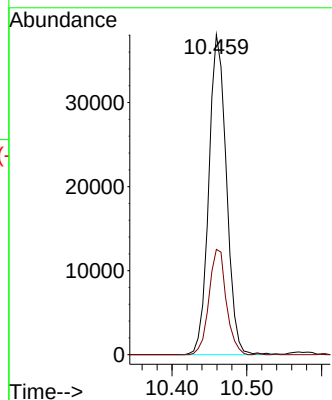
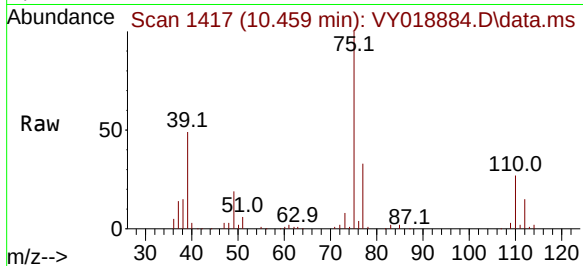




#53
 t-1,3-Dichloropropene
 Concen: 50.625 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018884.D
 Acq: 19 Jul 2024 16:18

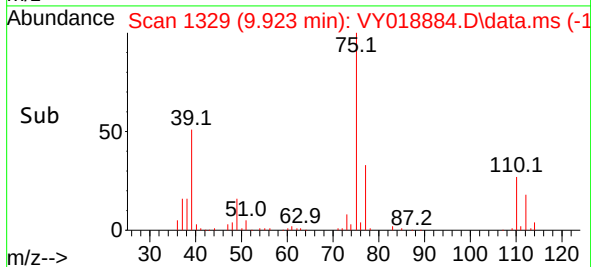
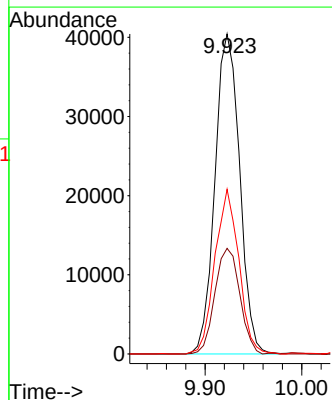
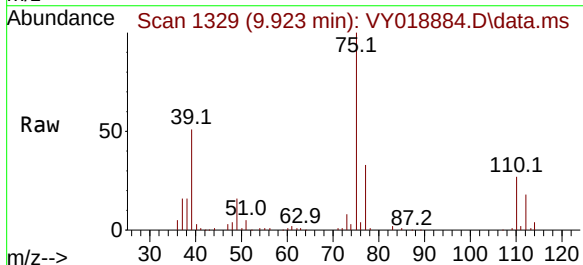
Instrument :
 MSVOA_Y
 ClientSampleId :

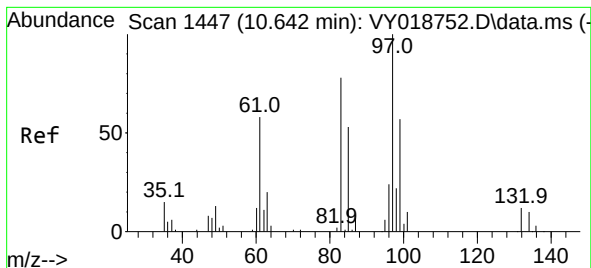
Tgt Ion: 75 Resp: 62339
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 49.610 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018884.D
 Acq: 19 Jul 2024 16:18

Tgt Ion: 75 Resp: 71666
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 51.5 29.8 44.6#

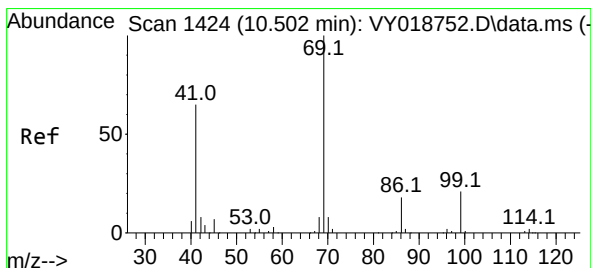
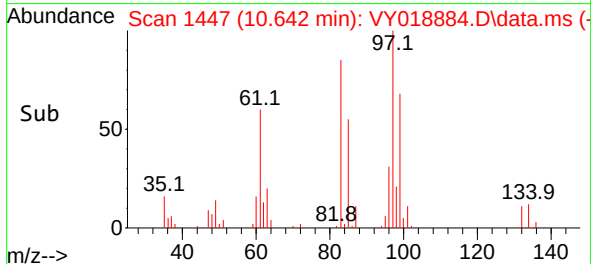
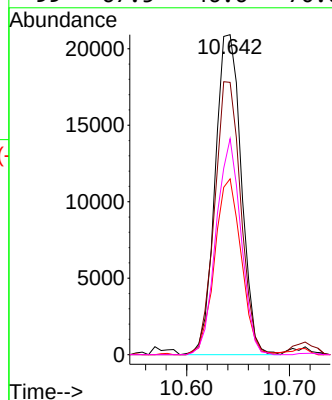
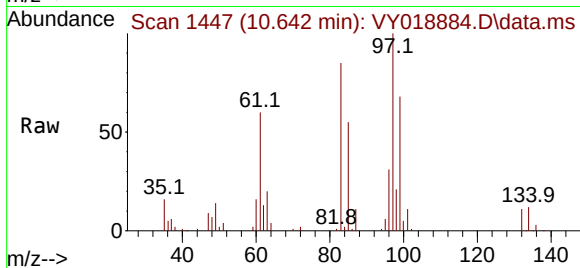




#55
1,1,2-Trichloroethane
Concen: 51.174 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

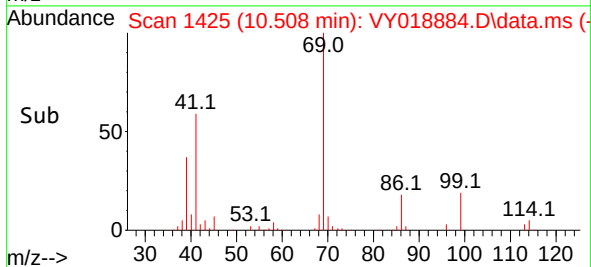
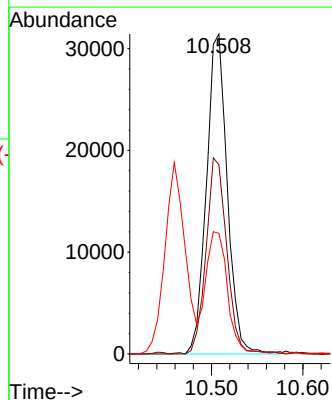
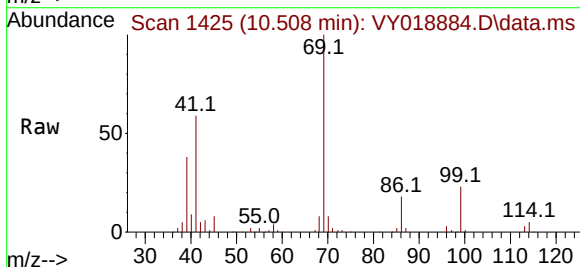
Instrument :
MSVOA_Y
ClientSampleId :

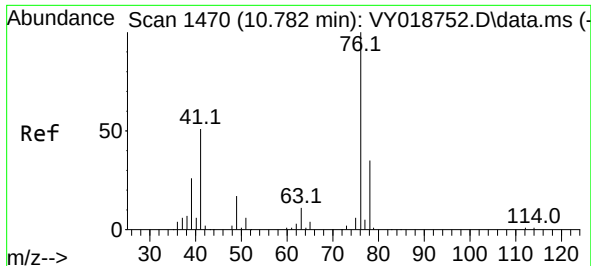
Tgt Ion:	97	Resp:	36995
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.5	101.3
85	55.0	42.9	64.3
99	67.5	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.199 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion:	69	Resp:	49682
Ion	Ratio	Lower	Upper
69	100		
41	61.2	42.3	63.5
39	39.0	22.9	34.3

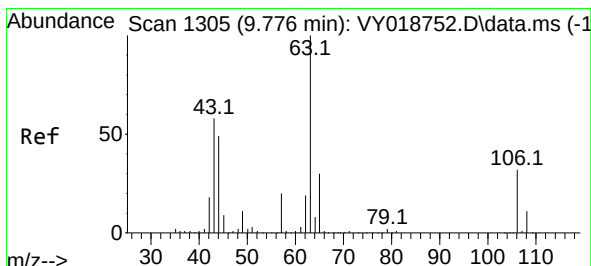
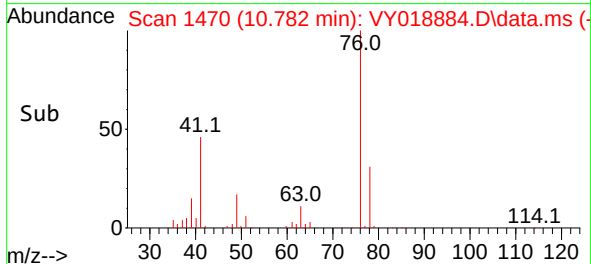
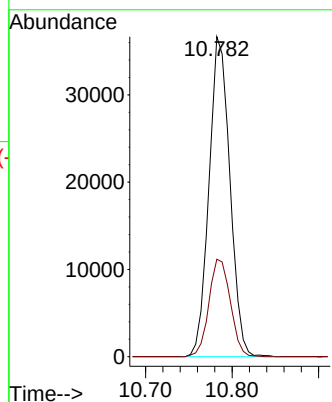
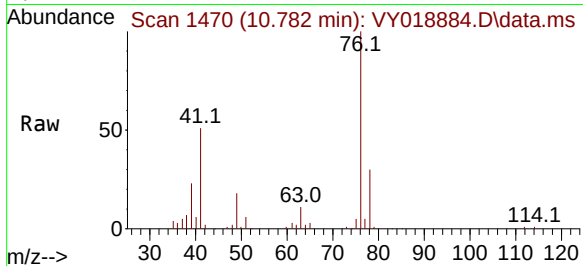




#57
1,3-Dichloropropane
Concen: 51.259 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

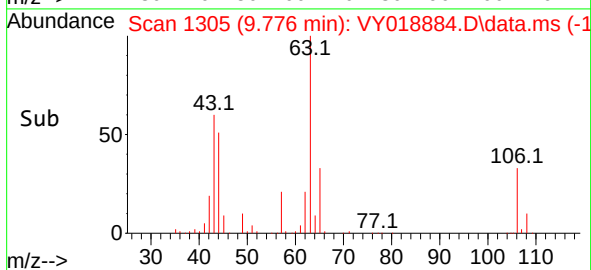
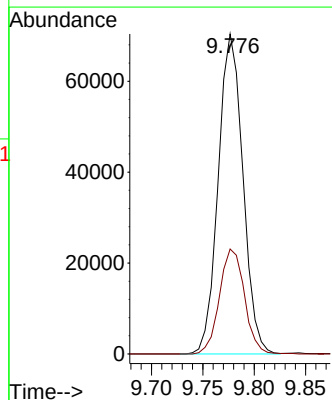
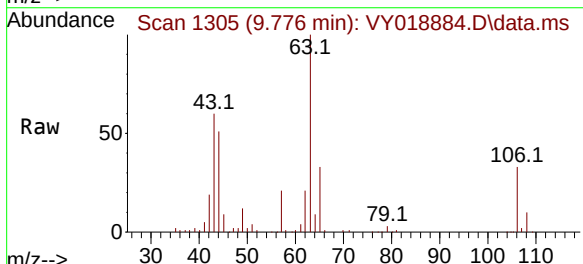
Instrument :
MSVOA_Y
ClientSampleId :

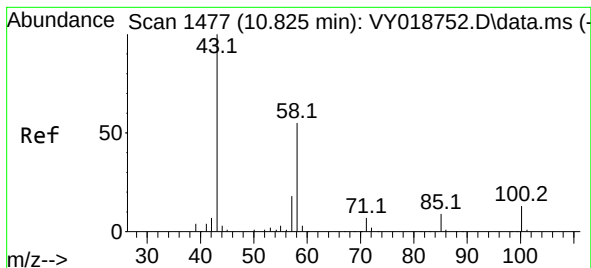
Tgt Ion: 76 Resp: 61429
Ion Ratio Lower Upper
76 100
78 31.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 258.436 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 63 Resp: 117515
Ion Ratio Lower Upper
63 100
106 33.2 23.7 35.5





#59

2-Hexanone

Concen: 257.635 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

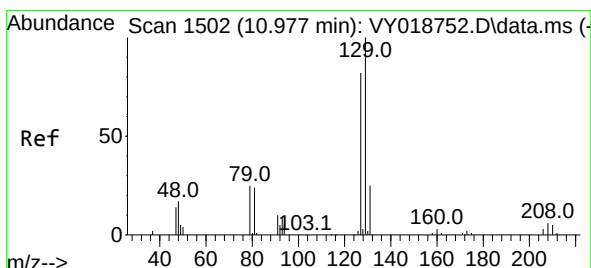
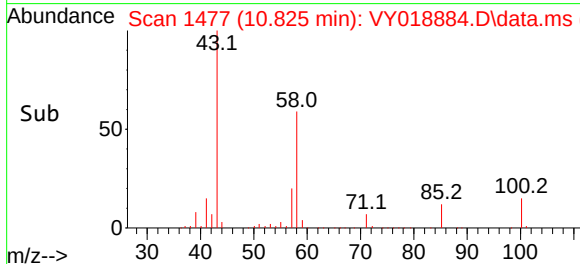
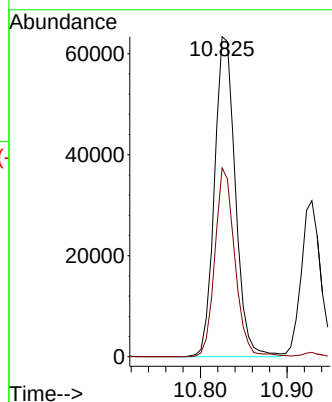
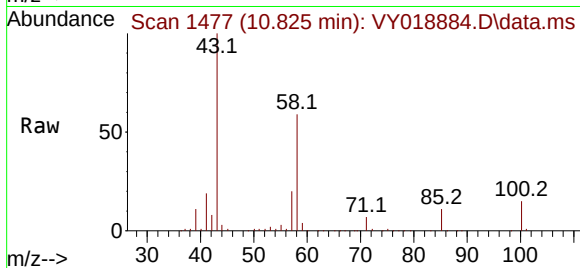
ClientSampleId :

Tgt Ion: 43 Resp: 106118

Ion Ratio Lower Upper

43 100

58 56.3 31.4 94.0



#60

Dibromochloromethane

Concen: 53.540 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.006 min

Lab File: VY018884.D

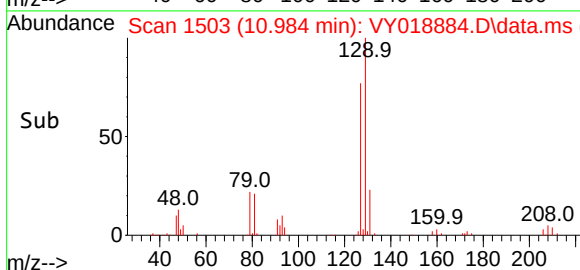
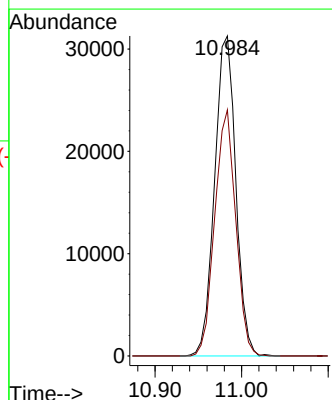
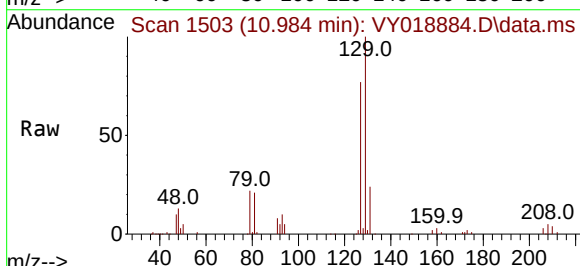
Acq: 19 Jul 2024 16:18

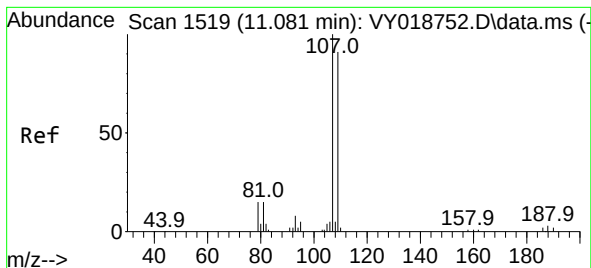
Tgt Ion:129 Resp: 53181

Ion Ratio Lower Upper

129 100

127 76.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.526 ug/l

RT: 11.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

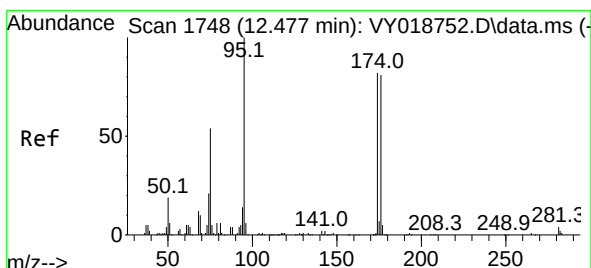
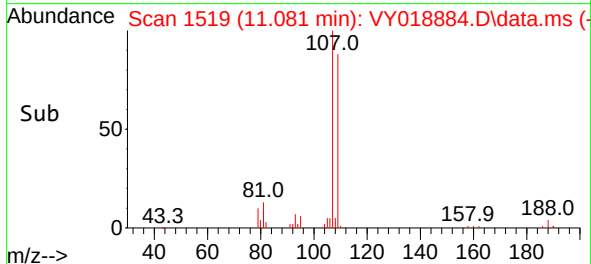
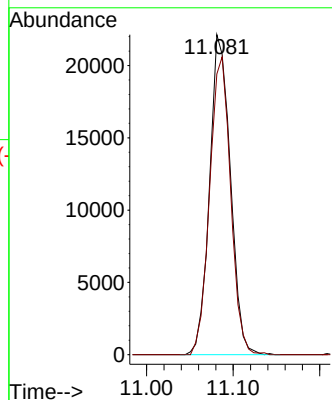
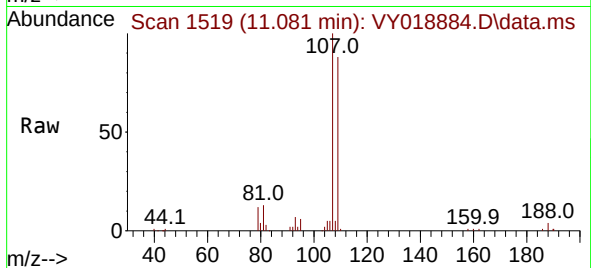
ClientSampleId :

Tgt Ion:107 Resp: 36916

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.788 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

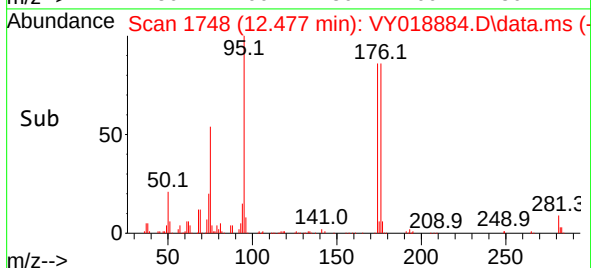
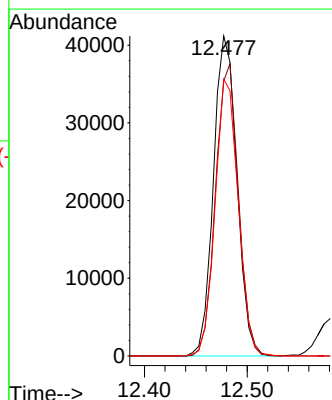
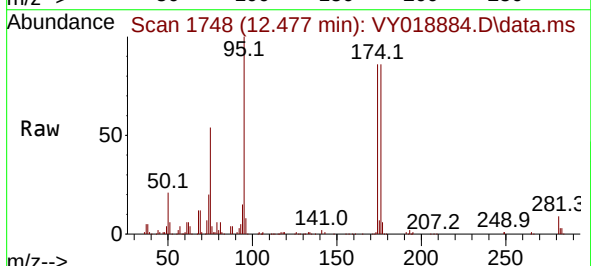
Tgt Ion: 95 Resp: 65080

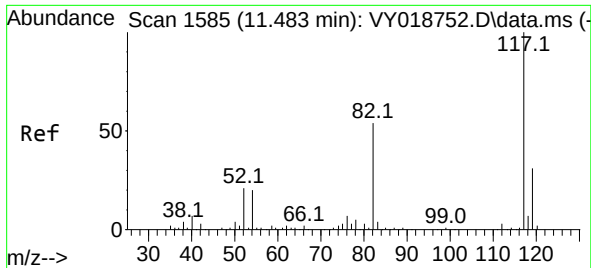
Ion Ratio Lower Upper

95 100

174 89.4 0.0 175.6

176 85.5 0.0 171.4

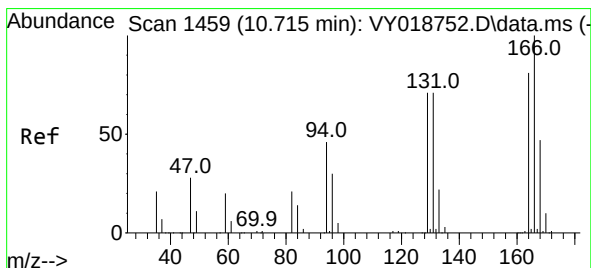
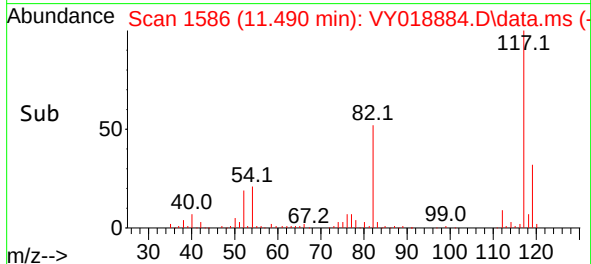
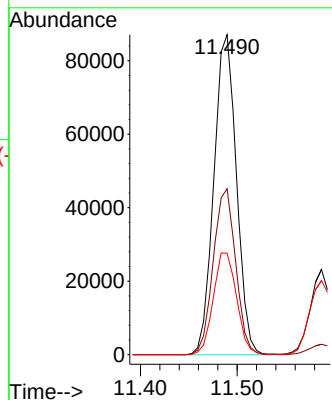
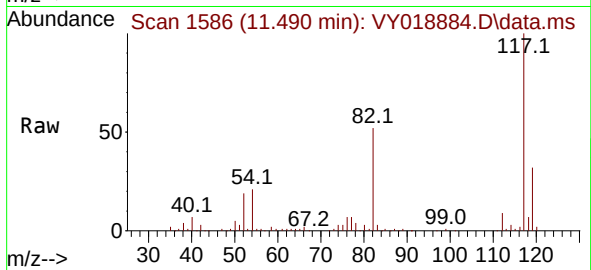




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

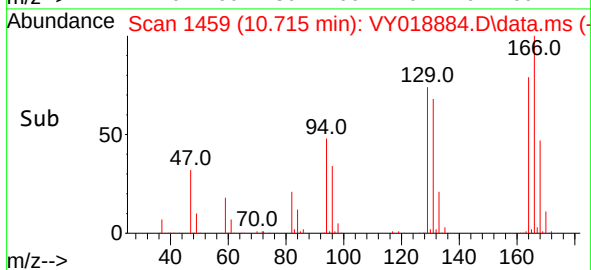
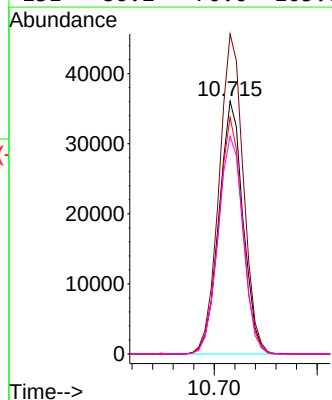
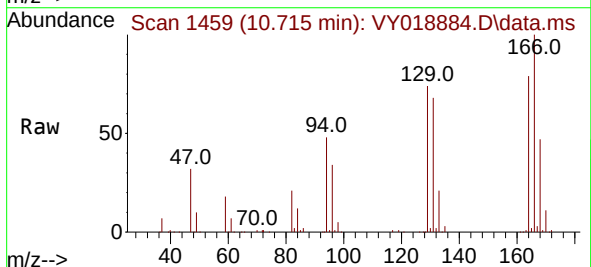
Instrument :
MSVOA_Y
ClientSampleId :

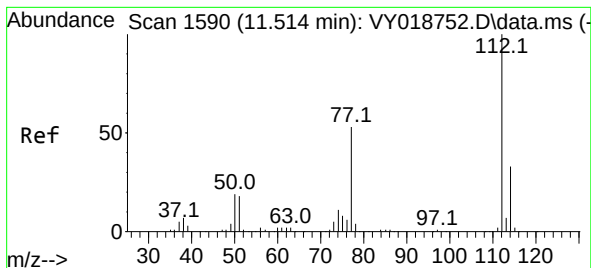
Tgt Ion:117 Resp: 141047
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 31.7 25.9 38.9



#64
Tetrachloroethene
Concen: 51.497 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion:164 Resp: 58792
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 93.6 72.0 108.0
131 86.2 70.0 105.0





#65

Chlorobenzene

Concen: 50.241 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

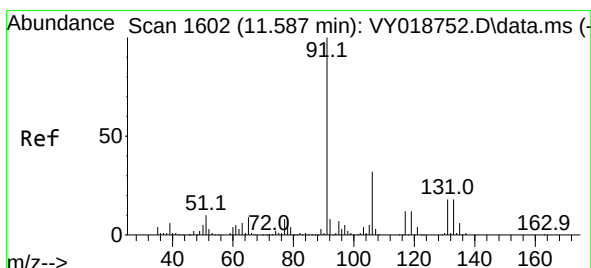
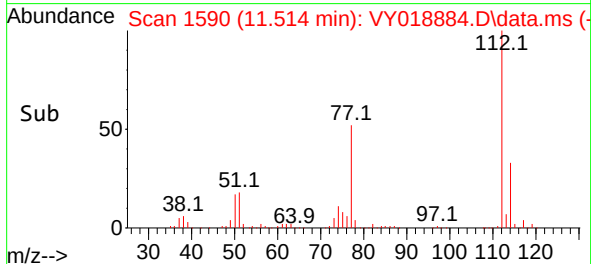
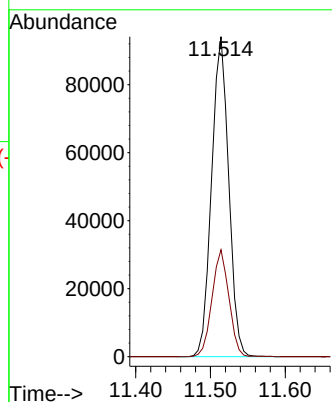
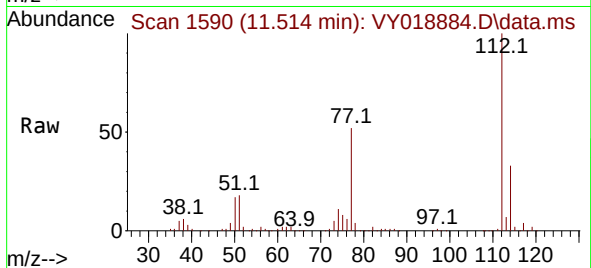
ClientSampleId :

Tgt Ion:112 Resp: 149488

Ion Ratio Lower Upper

112 100

114 33.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.531 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

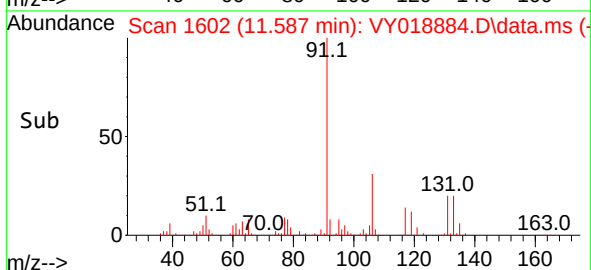
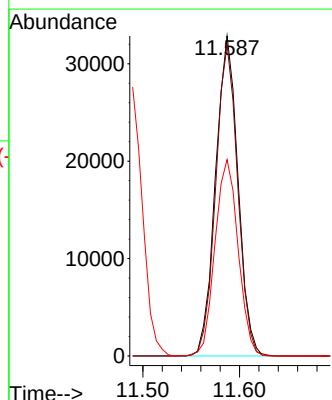
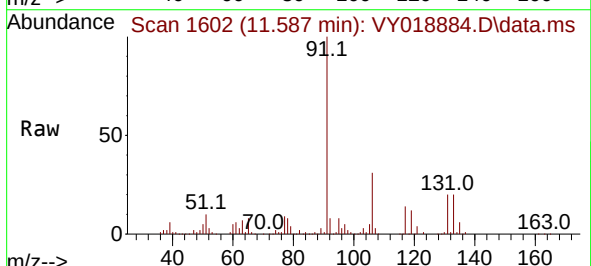
Tgt Ion:131 Resp: 52827

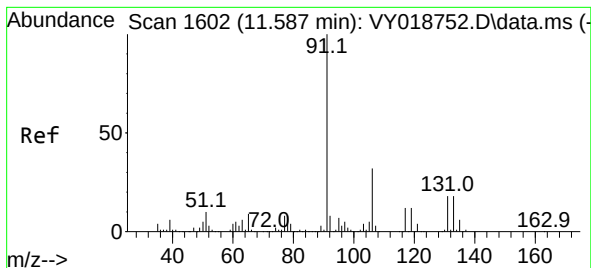
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 63.2 34.1 102.2





#67

Ethyl Benzene

Concen: 48.370 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

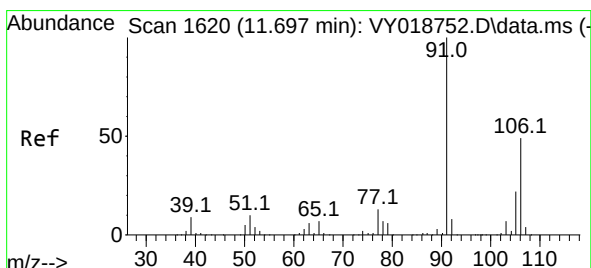
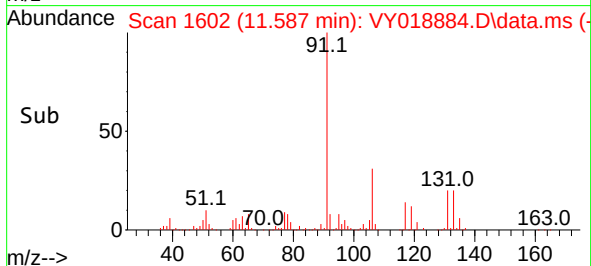
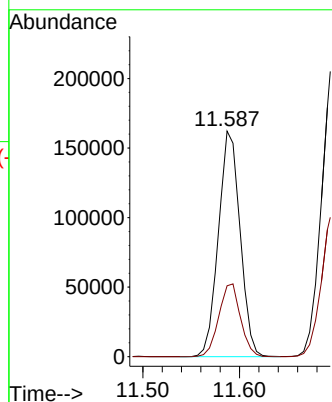
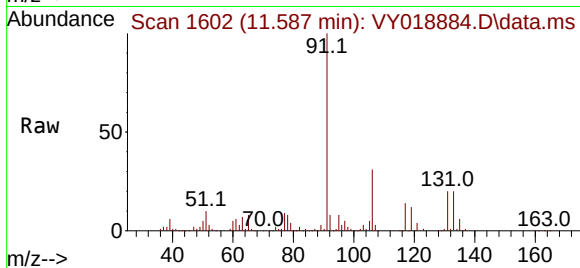
ClientSampleId :

Tgt Ion: 91 Resp: 252120

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 99.211 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY018884.D

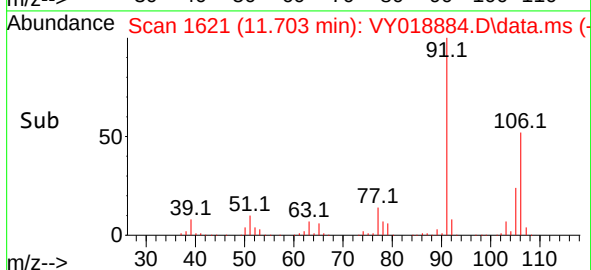
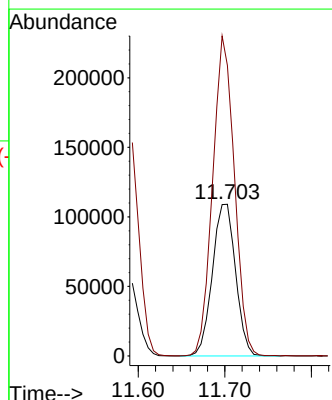
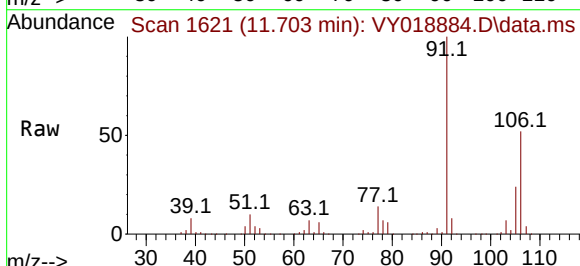
Acq: 19 Jul 2024 16:18

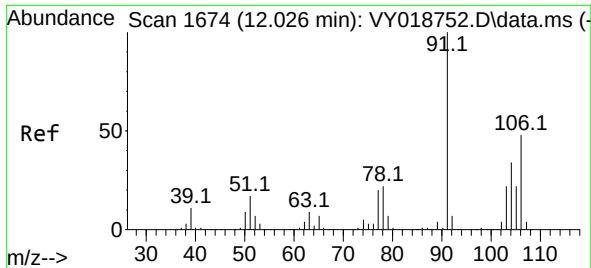
Tgt Ion:106 Resp: 202929

Ion Ratio Lower Upper

106 100

91 197.7 156.0 234.0

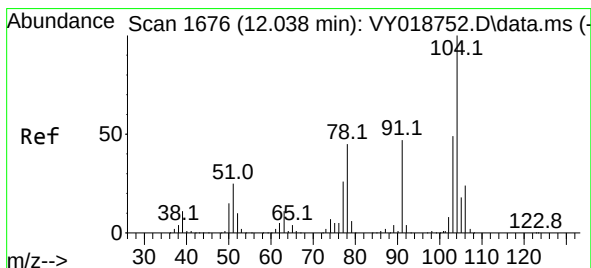
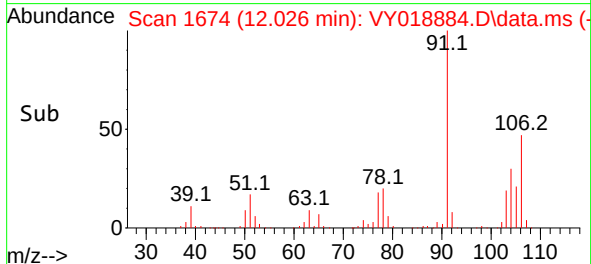
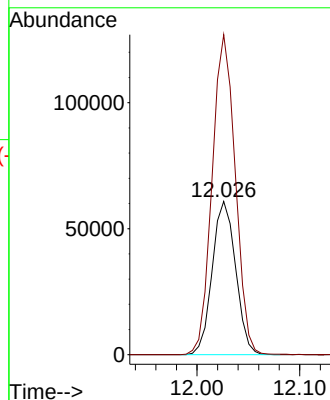
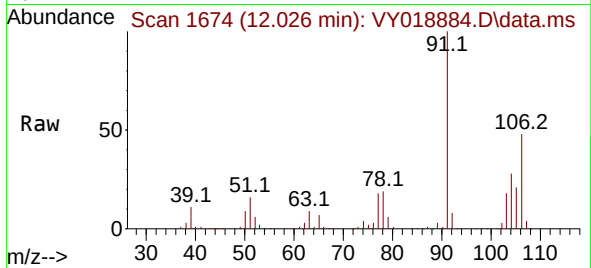




#69
o-Xylene
Concen: 49.950 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

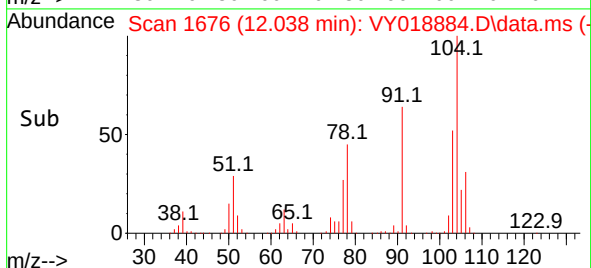
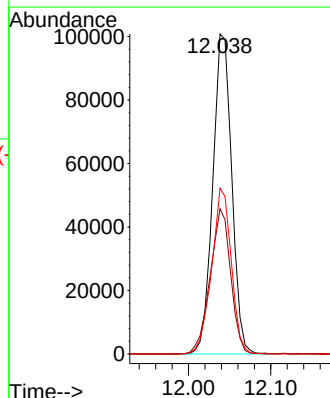
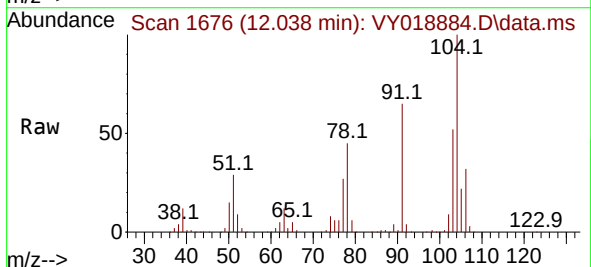
Instrument :
MSVOA_Y
ClientSampleId :

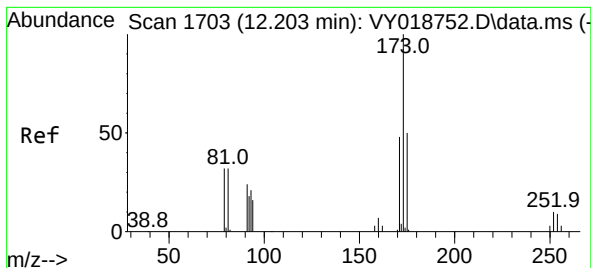
Tgt Ion:106 Resp: 96054
Ion Ratio Lower Upper
106 100
91 206.9 103.6 310.8



#70
Styrene
Concen: 50.383 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion:104 Resp: 161662
Ion Ratio Lower Upper
104 100
78 49.1 37.0 55.4
103 53.7 44.2 66.2





#71

Bromoform

Concen: 54.474 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

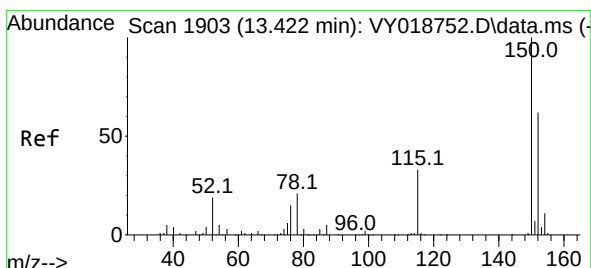
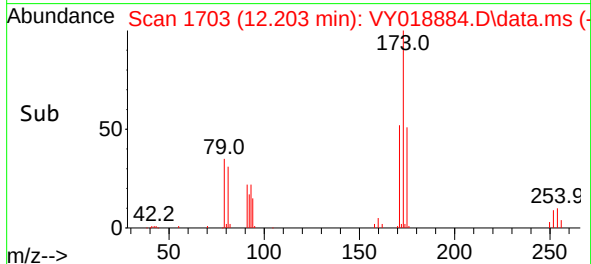
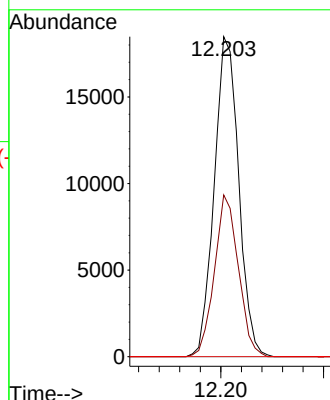
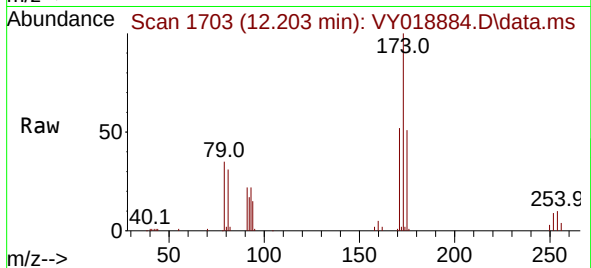
Tgt Ion:173 Resp: 30439

Ion Ratio Lower Upper

173 100

175 49.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

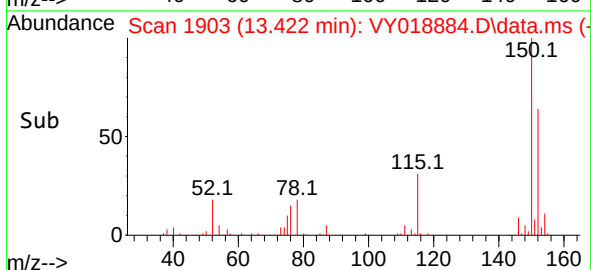
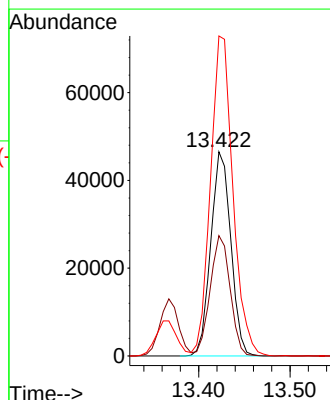
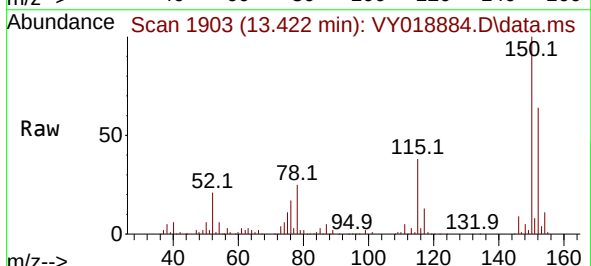
Tgt Ion:152 Resp: 70899

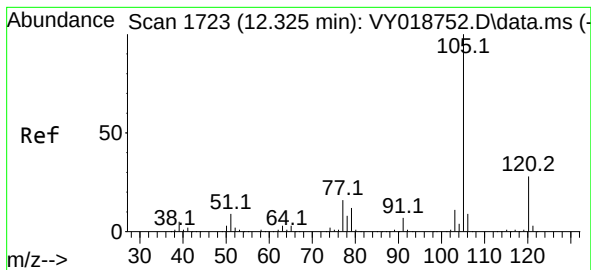
Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 174.8 0.0 345.6





#73

Isopropylbenzene

Concen: 48.243 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

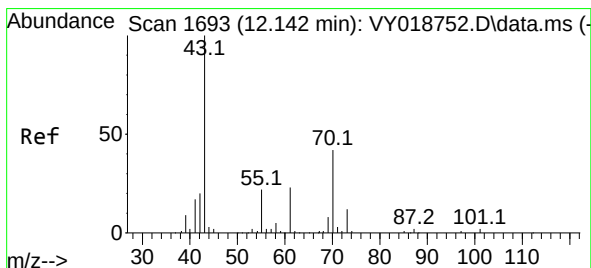
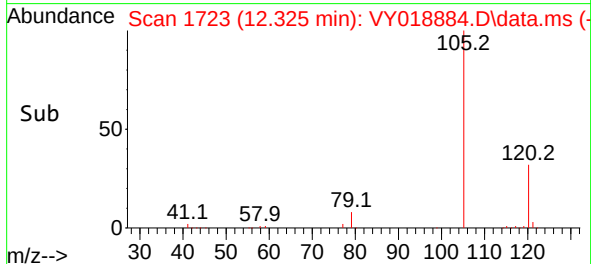
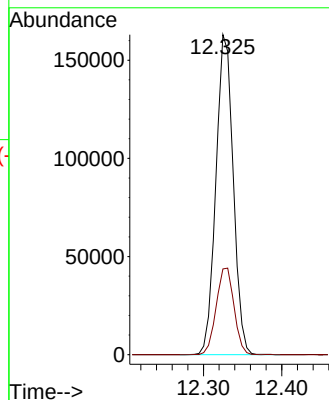
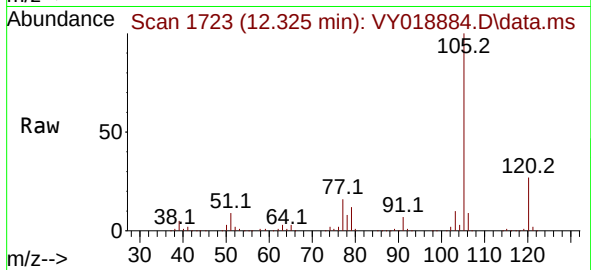
ClientSampleId :

Tgt Ion:105 Resp: 250325

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.1



#74

N-ethyl acetate

Concen: 48.114 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Tgt Ion: 43 Resp: 51057

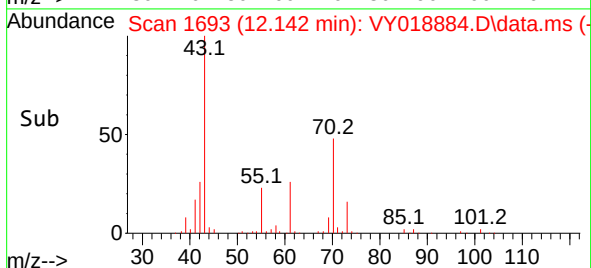
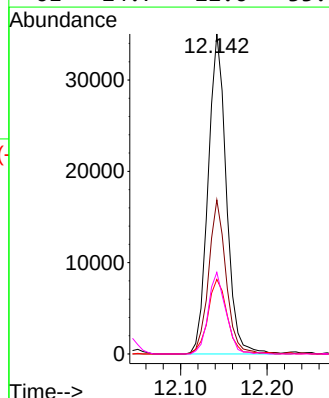
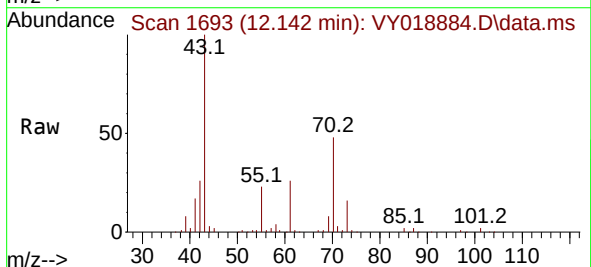
Ion Ratio Lower Upper

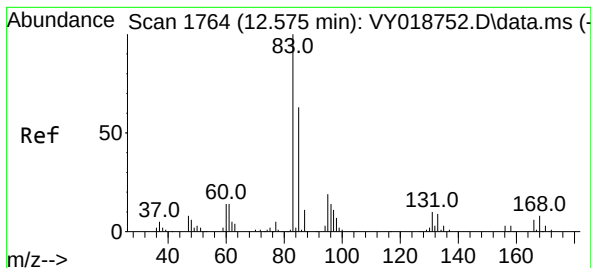
43 100

70 46.4 41.4 62.2

55 24.8 23.3 34.9

61 24.7 22.6 33.8

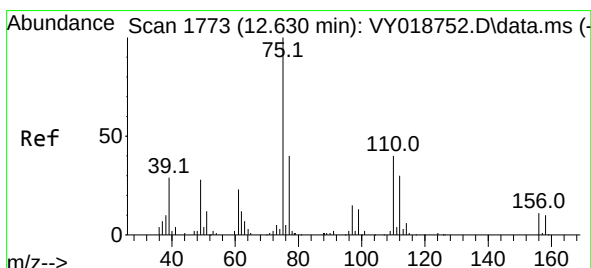
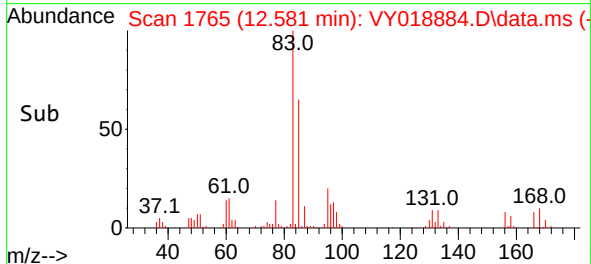
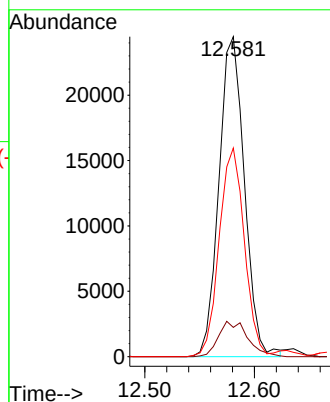
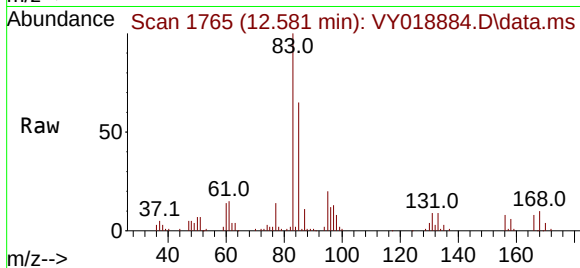




#75
1,1,2,2-Tetrachloroethane
Concen: 48.341 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

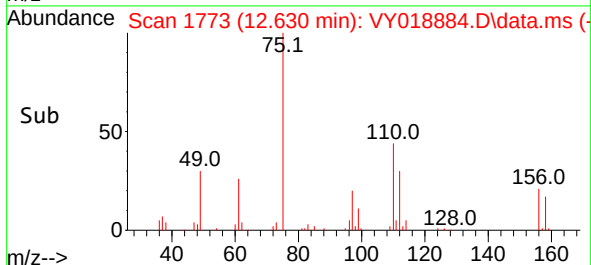
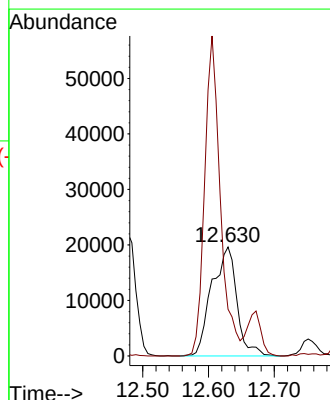
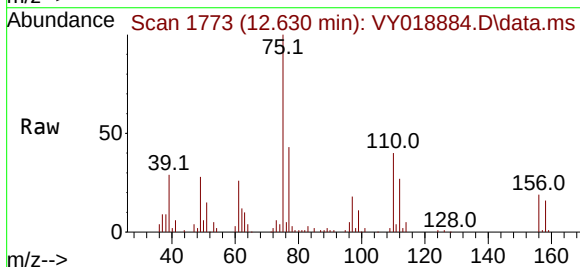
Instrument :
MSVOA_Y
ClientSampleId :

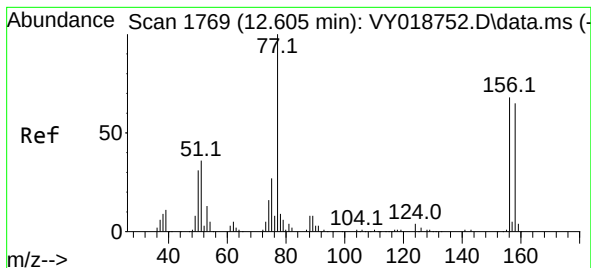
Tgt Ion: 83 Resp: 39543
Ion Ratio Lower Upper
83 100
131 12.7 5.0 14.9
85 64.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 94.024 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 75 Resp: 52211
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.362 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

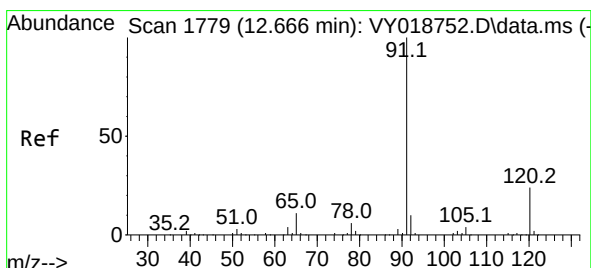
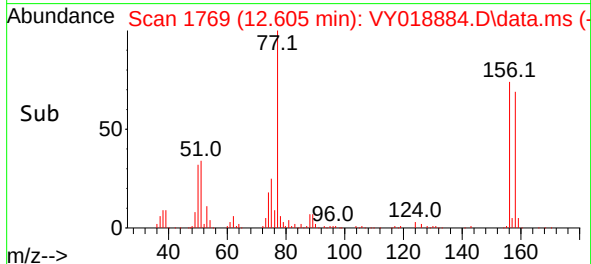
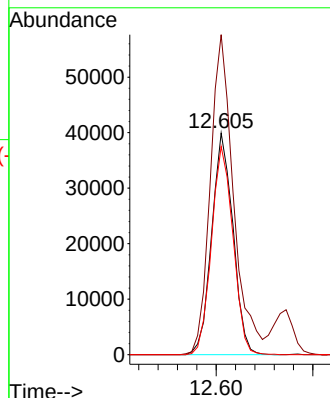
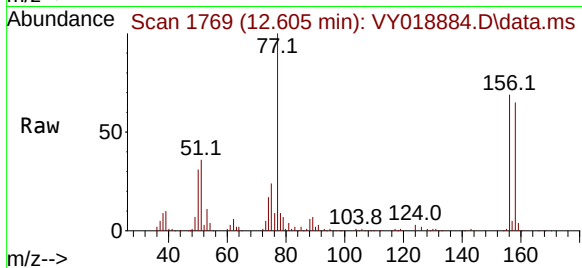
Tgt Ion:156 Resp: 61146

Ion Ratio Lower Upper

156 100

77 157.2 87.1 261.3

158 94.8 48.6 145.9



#78

n-propylbenzene

Concen: 47.927 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018884.D

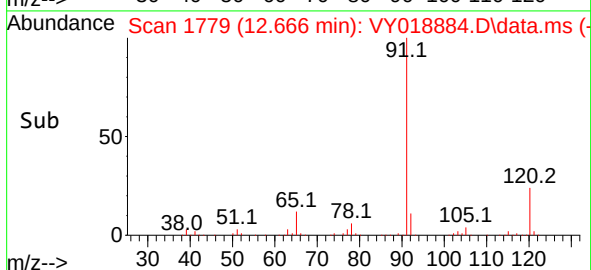
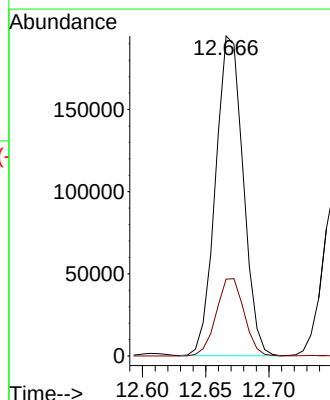
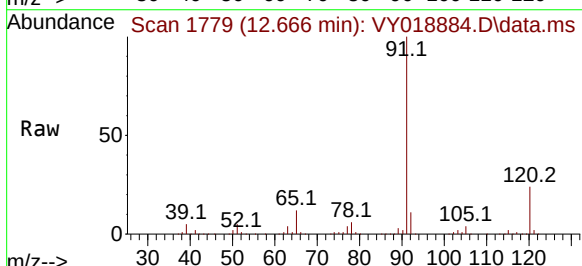
Acq: 19 Jul 2024 16:18

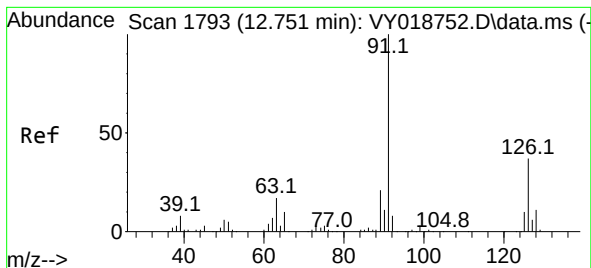
Tgt Ion: 91 Resp: 295322

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.890 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

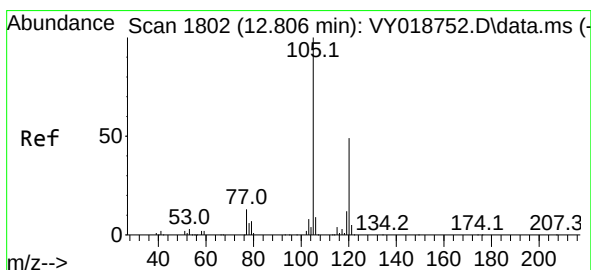
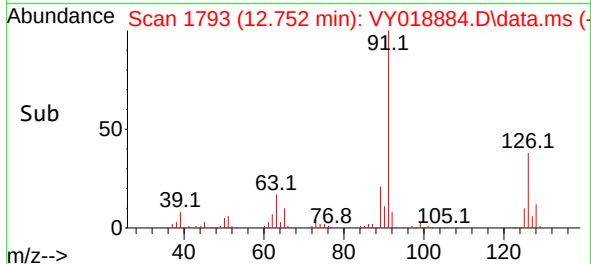
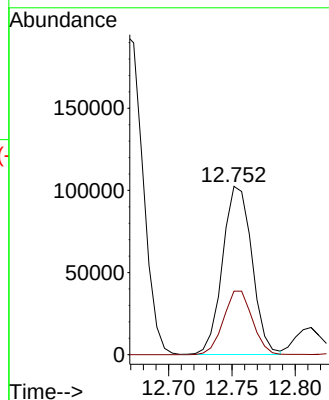
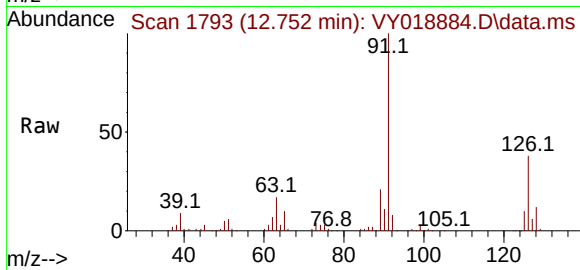
ClientSampleId :

Tgt Ion: 91 Resp: 165927

Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 48.351 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018884.D

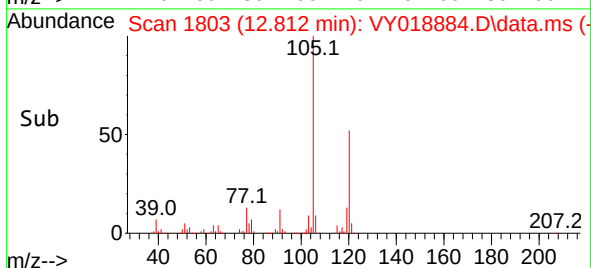
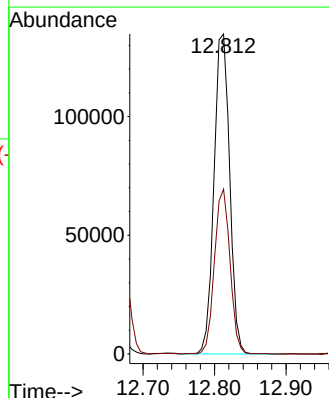
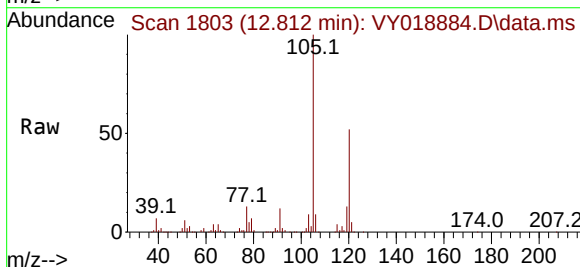
Acq: 19 Jul 2024 16:18

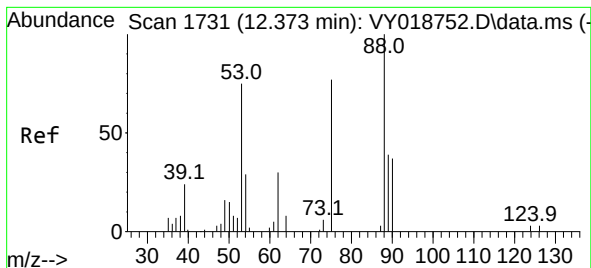
Tgt Ion: 105 Resp: 205281

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

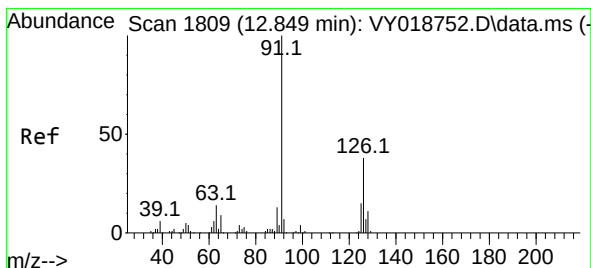
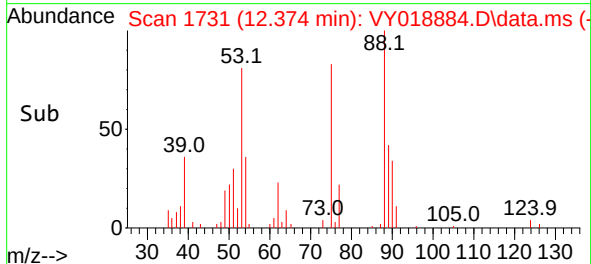
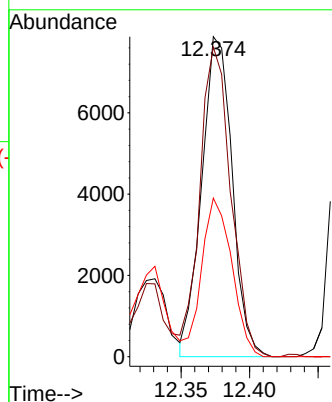
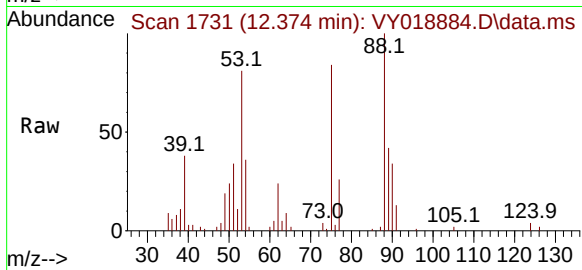




#81
trans-1,4-Dichloro-2-butene
Concen: 49.094 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

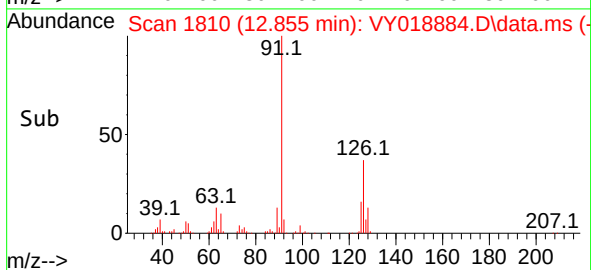
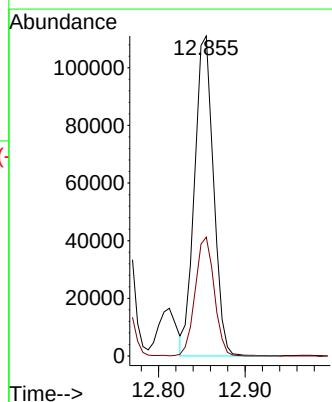
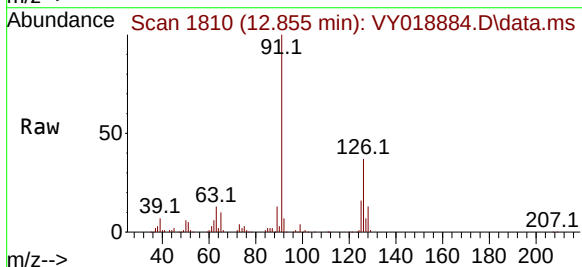
Instrument :
MSVOA_Y
ClientSampleId :

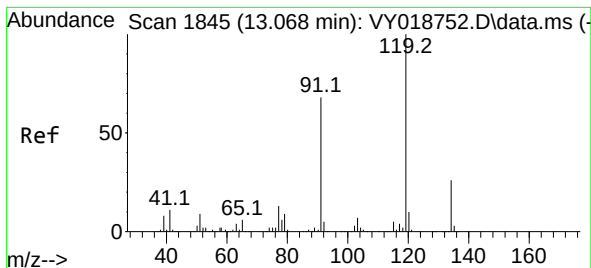
Tgt Ion: 75 Resp: 12181
Ion Ratio Lower Upper
75 100
53 97.9 66.8 100.2
89 49.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.415 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 91 Resp: 169167
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 48.799 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

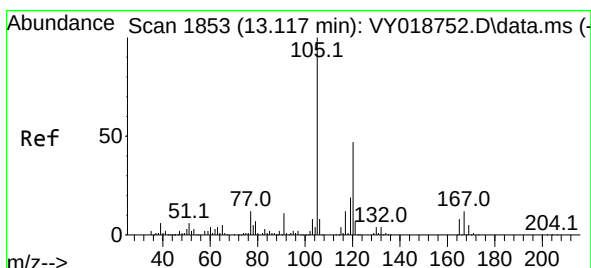
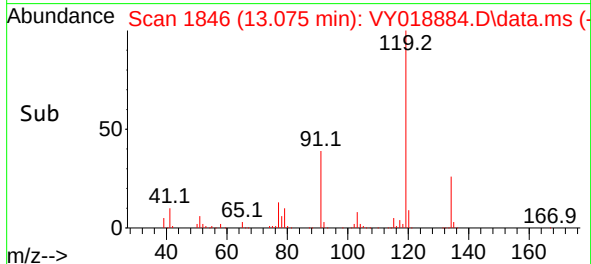
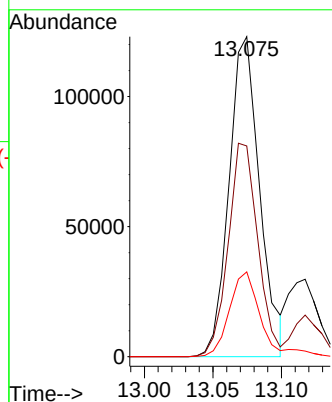
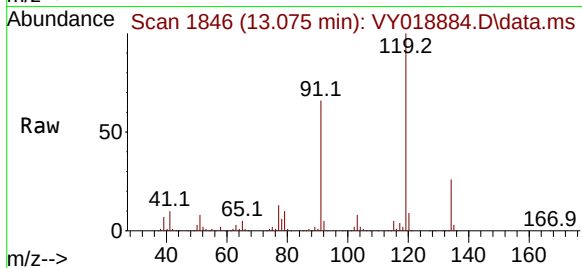
Tgt Ion:119 Resp: 191276

Ion Ratio Lower Upper

119 100

91 64.6 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.484 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018884.D

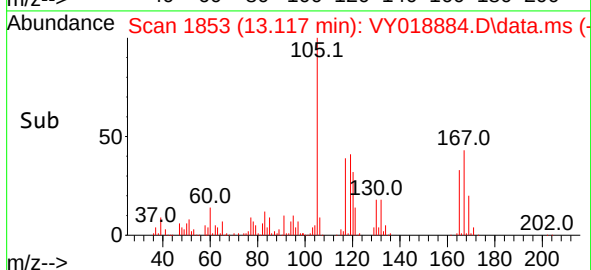
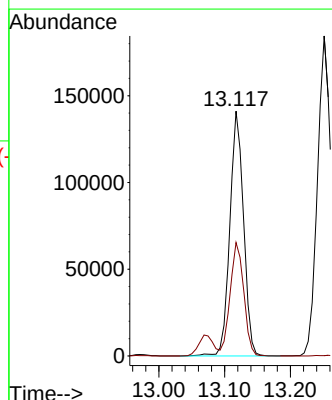
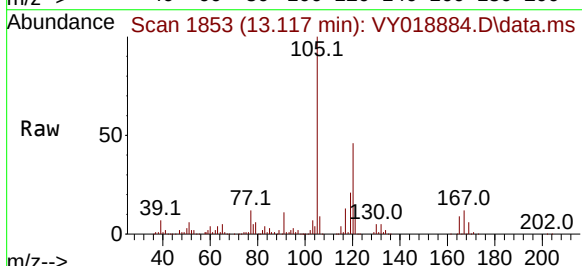
Acq: 19 Jul 2024 16:18

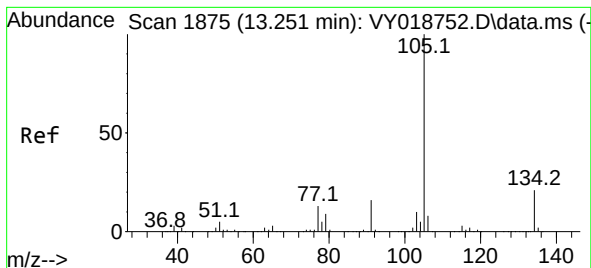
Tgt Ion:105 Resp: 204551

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.321 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

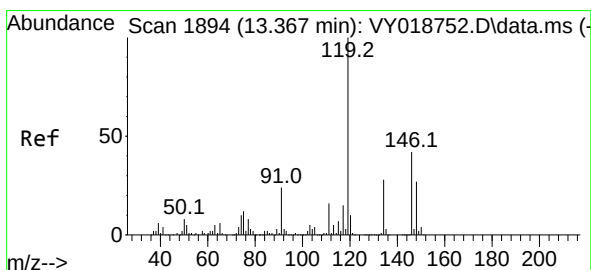
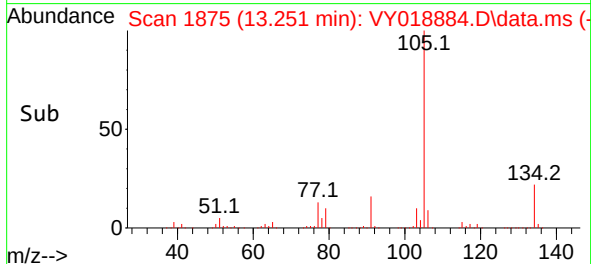
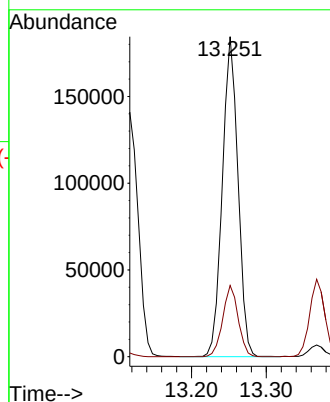
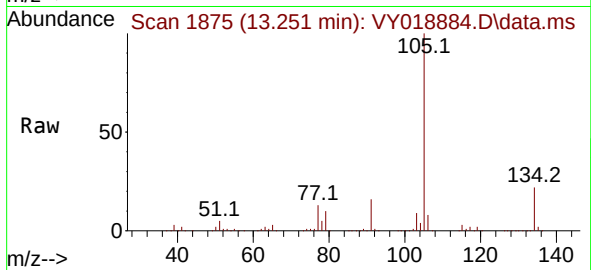
ClientSampleId :

Tgt Ion:105 Resp: 268839

Ion Ratio Lower Upper

105 100

134 21.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.228 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

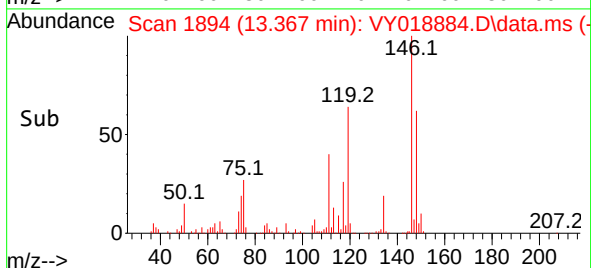
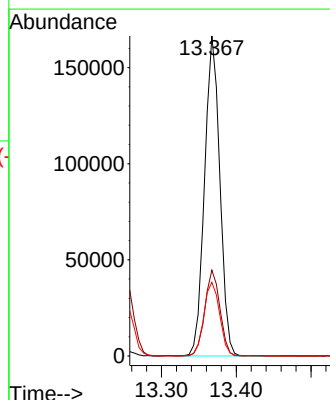
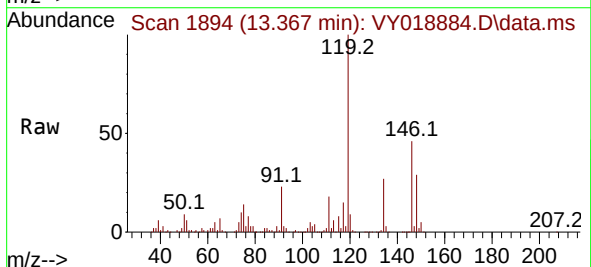
Tgt Ion:119 Resp: 236448

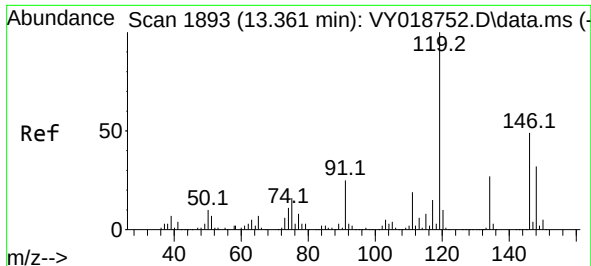
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.228 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

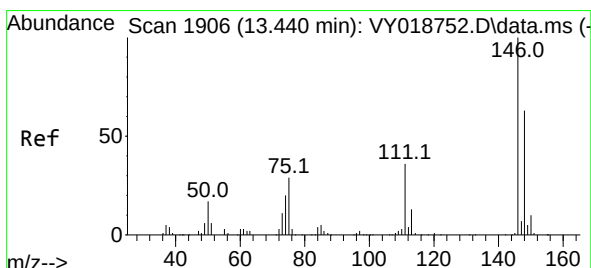
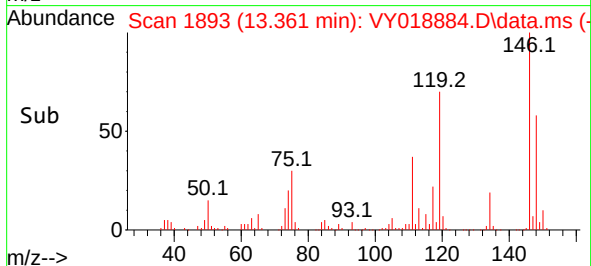
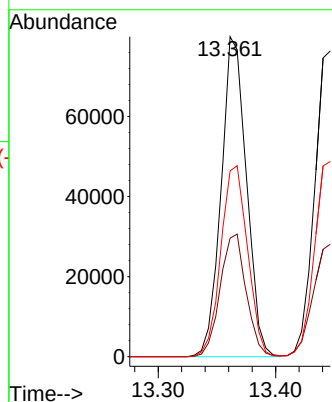
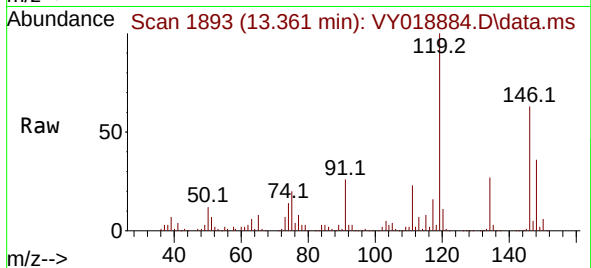
Tgt Ion:146 Resp: 119768

Ion Ratio Lower Upper

146 100

111 39.4 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.827 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

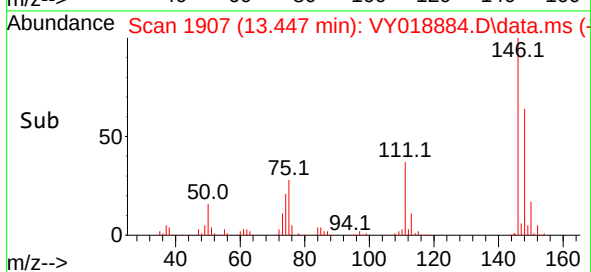
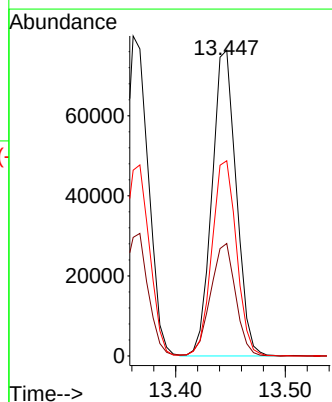
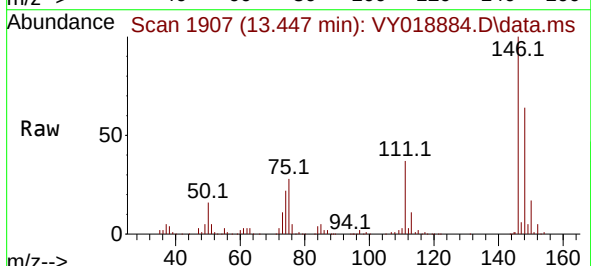
Tgt Ion:146 Resp: 117738

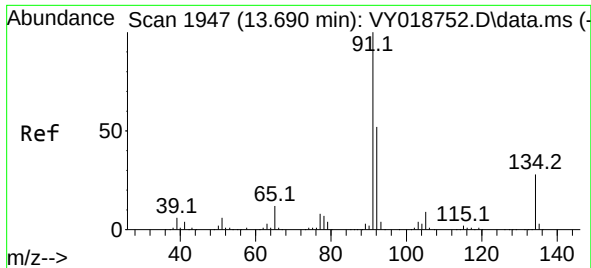
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.4

148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 47.263 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

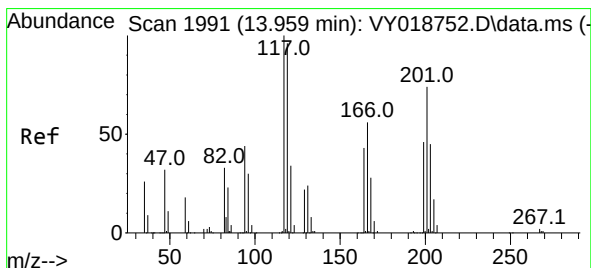
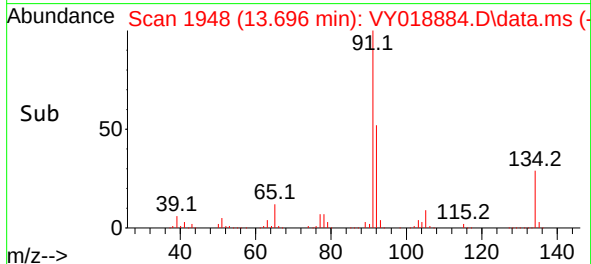
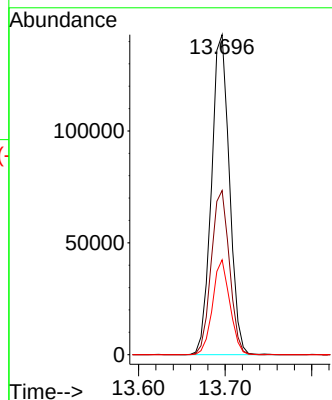
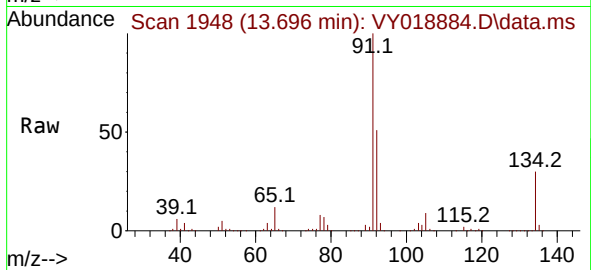
Tgt Ion: 91 Resp: 205802

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 28.5 12.9 38.7



#90

Hexachloroethane

Concen: 47.637 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018884.D

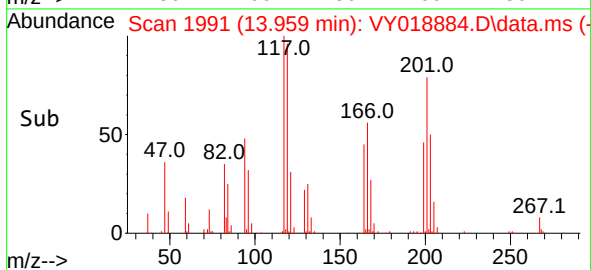
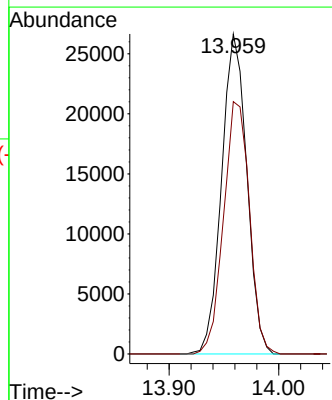
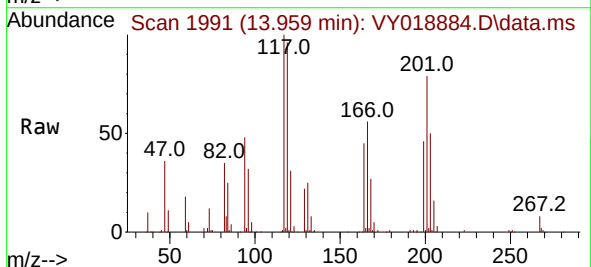
Acq: 19 Jul 2024 16:18

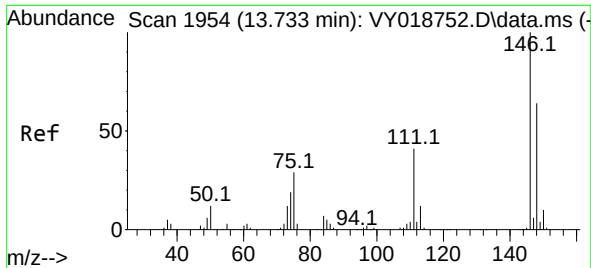
Tgt Ion: 117 Resp: 42552

Ion Ratio Lower Upper

117 100

201 80.8 37.4 112.2

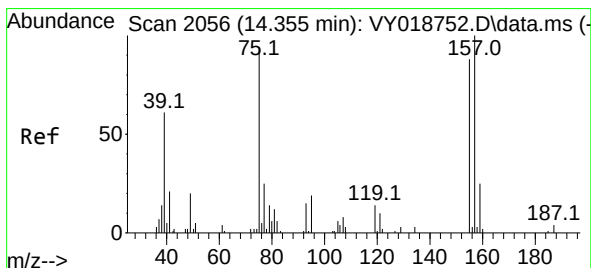
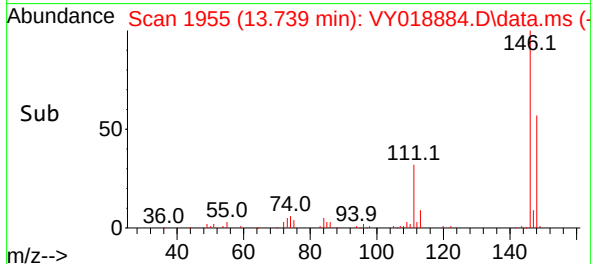
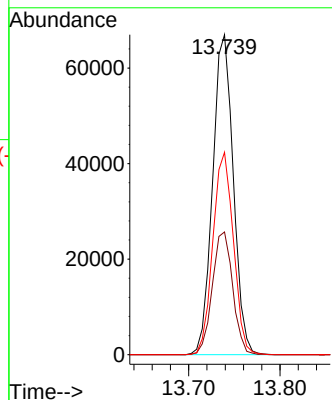
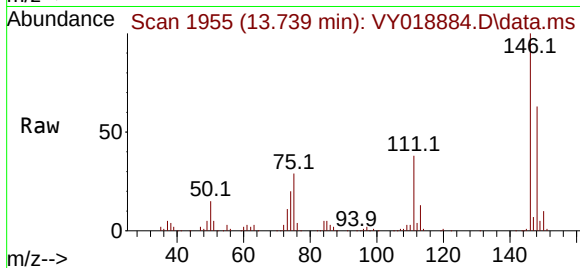




#91
1,2-Dichlorobenzene
Concen: 50.028 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

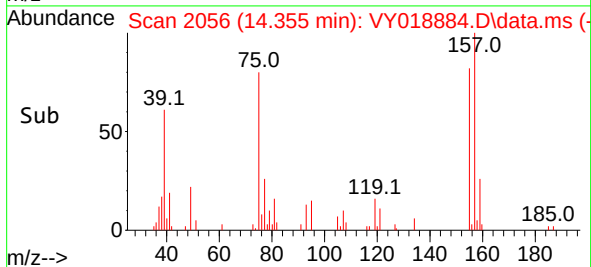
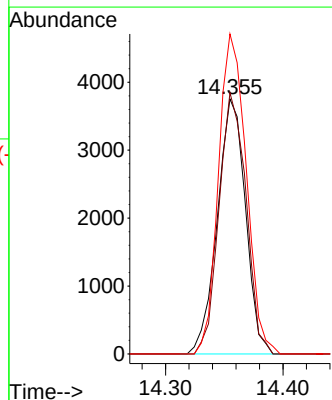
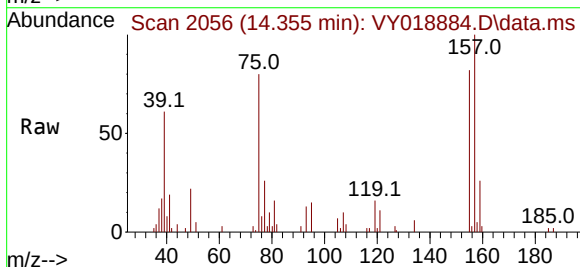
Instrument :
MSVOA_Y
ClientSampleId :

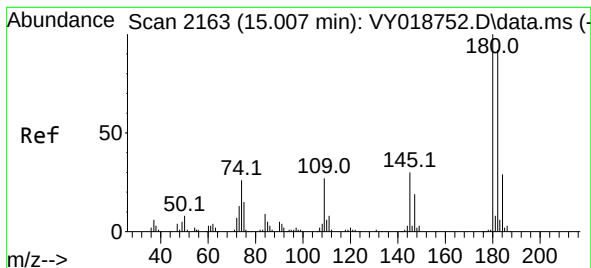
Tgt Ion:146 Resp: 105139
Ion Ratio Lower Upper
146 100
111 38.0 19.9 59.7
148 62.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.146 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018884.D
Acq: 19 Jul 2024 16:18

Tgt Ion: 75 Resp: 6249
Ion Ratio Lower Upper
75 100
155 98.2 48.6 145.8
157 123.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.848 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

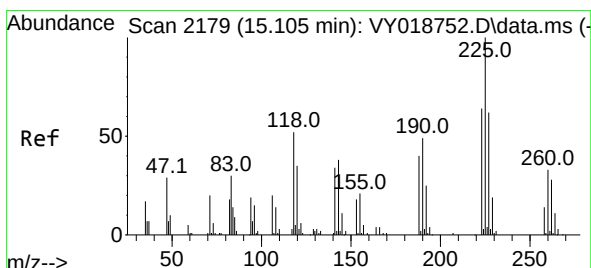
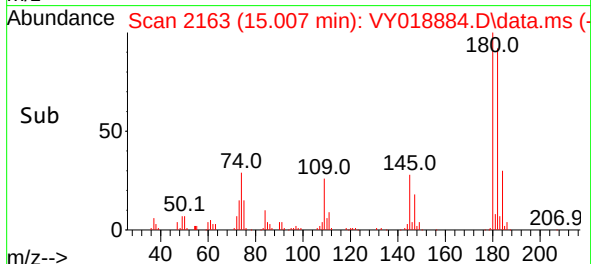
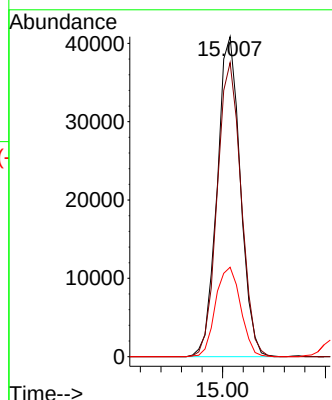
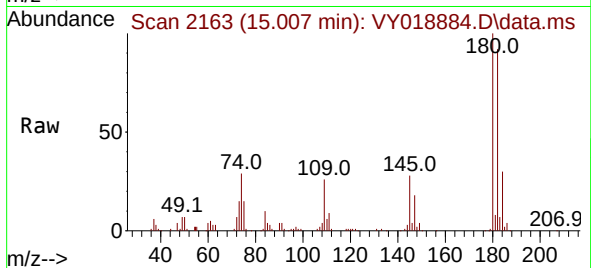
Tgt Ion:180 Resp: 63950

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.874 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

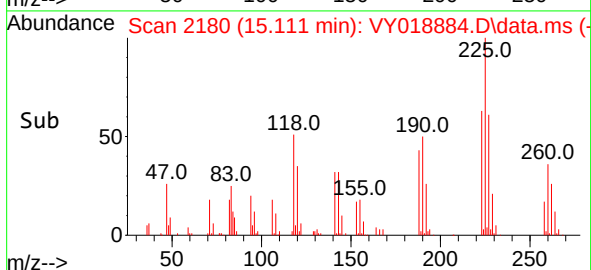
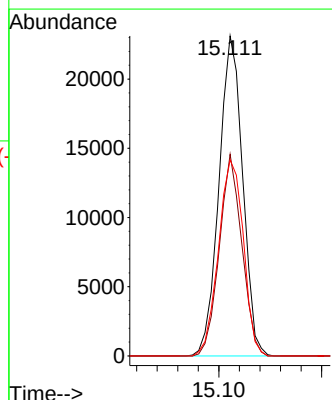
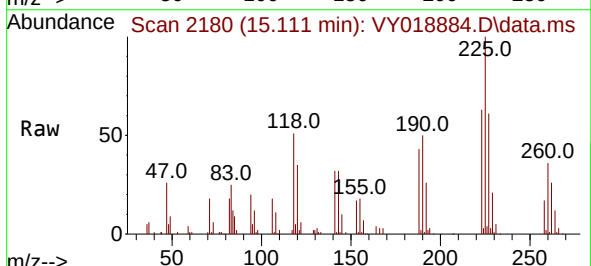
Tgt Ion:225 Resp: 36880

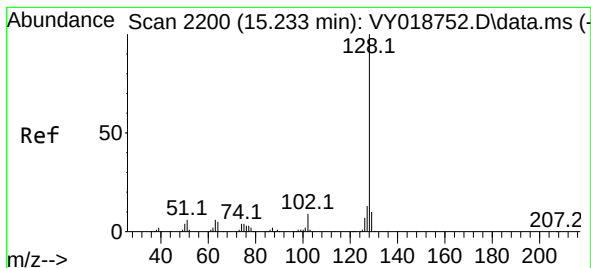
Ion Ratio Lower Upper

225 100

223 60.0 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 50.431 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018884.D

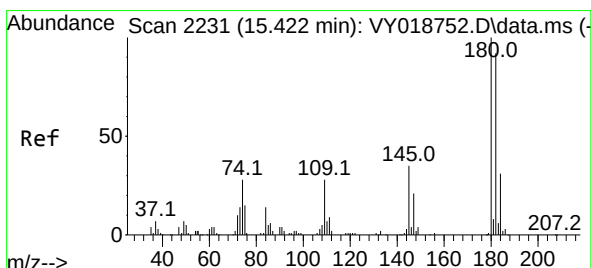
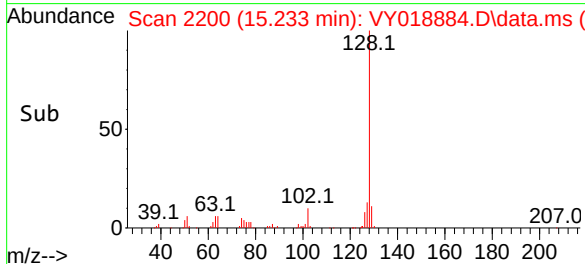
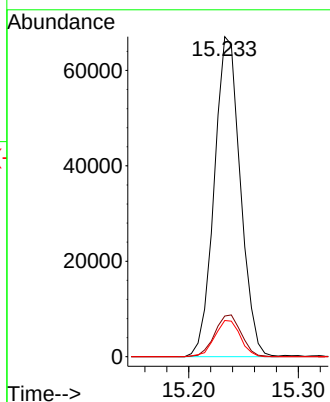
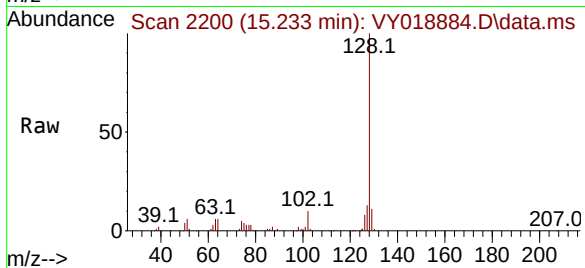
Acq: 19 Jul 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	110990
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.918 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018884.D

Acq: 19 Jul 2024 16:18

Tgt Ion:180	Resp:	54794
Ion Ratio	Lower	Upper
180	100	
182	91.6	47.6 142.9
145	30.8	15.4 46.1

