

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019168.D
 Acq On : 21 Aug 2024 14:42
 Operator : SY/MD
 Sample : VY0821SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:12:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	110442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	181289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	156220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	77925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56956	51.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.900%
35) Dibromofluoromethane	7.622	113	61323	51.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.103	98	222706	52.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.408	95	76433	52.561	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	105.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	16017	19.767	ug/l	93
3) Chloromethane	2.068	50	26700	18.281	ug/l	91
4) Vinyl Chloride	2.202	62	34339	19.034	ug/l	98
5) Bromomethane	2.592	94	29537	23.705	ug/l	94
6) Chloroethane	2.726	64	23645	19.329	ug/l	100
7) Trichlorofluoromethane	3.049	101	50089	18.364	ug/l	93
8) Diethyl Ether	3.446	74	11471	19.484	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	23331	19.241	ug/l	98
10) Methyl Iodide	3.994	142	21621	18.191	ug/l	93
11) Tert butyl alcohol	4.830	59	9449	70.383	ug/l #	95
12) 1,1-Dichloroethene	3.787	96	22622	20.534	ug/l	97
13) Acrolein	3.641	56	8369	87.873	ug/l	95
14) Allyl chloride	4.372	41	27712	18.920	ug/l	90
15) Acrylonitrile	5.037	53	23665	98.237	ug/l	97
16) Acetone	3.848	43	18298	89.122	ug/l #	84
17) Carbon Disulfide	4.098	76	59733	19.224	ug/l	99
18) Methyl Acetate	4.379	43	11526	18.291	ug/l	100
19) Methyl tert-butyl Ether	5.098	73	52531	19.668	ug/l	92
20) Methylene Chloride	4.610	84	28265	15.011	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	23781	19.322	ug/l	93
22) Diisopropyl ether	6.006	45	66242	19.756	ug/l #	88
23) Vinyl Acetate	5.945	43	246370	92.806	ug/l	95
24) 1,1-Dichloroethane	5.903	63	40870	19.931	ug/l	97
25) 2-Butanone	6.884	43	28630	86.587	ug/l	100
26) 2,2-Dichloropropane	6.878	77	32663	19.670	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	28889	19.945	ug/l	98
28) Bromochloromethane	7.238	49	16587	19.283	ug/l	100
29) Tetrahydrofuran	7.250	42	18216	85.701	ug/l	96
30) Chloroform	7.408	83	46594	20.392	ug/l	97
31) Cyclohexane	7.695	56	31454	17.041	ug/l	90
32) 1,1,1-Trichloroethane	7.610	97	40799	20.318	ug/l	97
36) 1,1-Dichloropropene	7.829	75	31670	19.457	ug/l	99
37) Ethyl Acetate	6.976	43	13670	18.955	ug/l	98
38) Carbon Tetrachloride	7.811	117	36494	19.346	ug/l	95
39) Methylcyclohexane	9.103	83	38233	18.303	ug/l	94
40) Benzene	8.073	78	100780	20.188	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	18307	46.510	ug/l #	27
42) 1,2-Dichloroethane	8.152	62	26123	19.378	ug/l	97
43) Isopropyl Acetate	8.189	43	25231	17.300	ug/l #	82
44) Trichloroethene	8.853	130	27285	19.588	ug/l	92
45) 1,2-Dichloropropane	9.134	63	23318	20.964	ug/l	94
46) Dibromomethane	9.225	93	14221	19.713	ug/l	98
47) Bromodichloromethane	9.420	83	35212	19.895	ug/l	93
48) Methyl methacrylate	9.219	41	11791	18.140	ug/l	88
49) 1,4-Dioxane	9.219	88	2809	321.435	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	67279	86.913	ug/l	94
52) Toluene	10.170	92	65542	20.001	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	27678	18.852	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	34139	19.335	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	18261	19.663	ug/l	94
56) Ethyl methacrylate	10.438	69	22076	18.161	ug/l #	89
57) 1,3-Dichloropropane	10.713	76	30251	19.982	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	51636	89.542	ug/l	94
59) 2-Hexanone	10.762	43	44555	83.778	ug/l	92
60) Dibromochloromethane	10.908	129	24747	19.564	ug/l	98
61) 1,2-Dibromoethane	11.011	107	17764	19.790	ug/l	99
64) Tetrachloroethene	10.646	164	27186	19.909	ug/l	96
65) Chlorobenzene	11.444	112	72089	20.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	24810	19.613	ug/l	98
67) Ethyl Benzene	11.517	91	122176	19.569	ug/l	99
68) m/p-Xylenes	11.627	106	97164	39.221	ug/l	99
69) o-Xylene	11.956	106	47034	20.502	ug/l	94
70) Styrene	11.969	104	78611	20.094	ug/l	97
71) Bromoform	12.133	173	13498	18.666	ug/l #	100
73) Isopropylbenzene	12.255	105	118475	19.837	ug/l	99
74) N-amyl acetate	12.072	43	22764	17.479	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	19168	18.027	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	24445	31.809	ug/l #	100
77) Bromobenzene	12.536	156	28945	20.180	ug/l	95
78) n-propylbenzene	12.597	91	141333	19.795	ug/l	98
79) 2-Chlorotoluene	12.682	91	80113	20.014	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	97743	20.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	4982	16.011	ug/l #	76
82) 4-Chlorotoluene	12.779	91	81735	19.626	ug/l	98
83) tert-Butylbenzene	12.999	119	86357	19.219	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	97467	20.099	ug/l	99
85) sec-Butylbenzene	13.176	105	129285	19.745	ug/l	98
86) p-Isopropyltoluene	13.292	119	106711	19.841	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	55887	19.757	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	55259	19.652	ug/l	97
89) n-Butylbenzene	13.621	91	97150	19.812	ug/l	99
90) Hexachloroethane	13.883	117	21254	20.049	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	49979	20.089	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3042	19.447	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	28084	20.017	ug/l	94
94) Hexachlorobutadiene	15.029	225	15913	21.775	ug/l	99
95) Naphthalene	15.145	128	43139	17.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	22402	18.931	ug/l	98

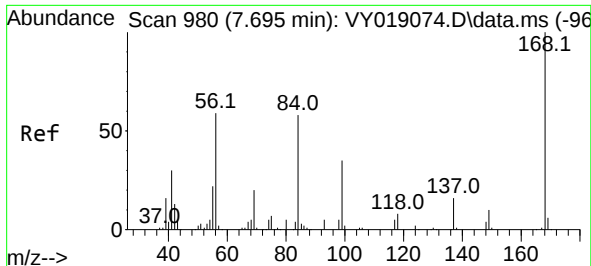
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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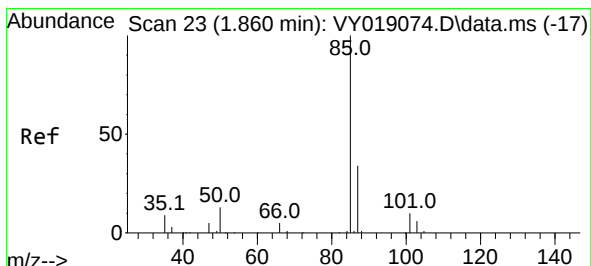
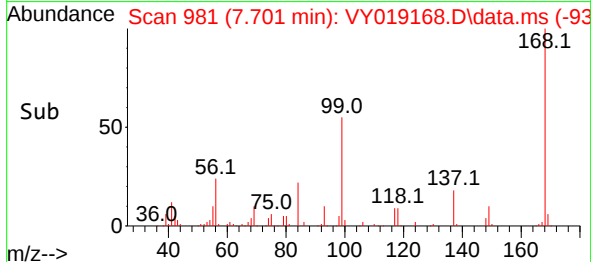
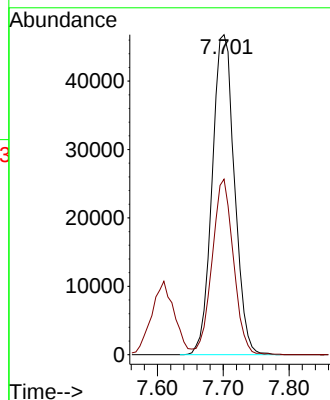
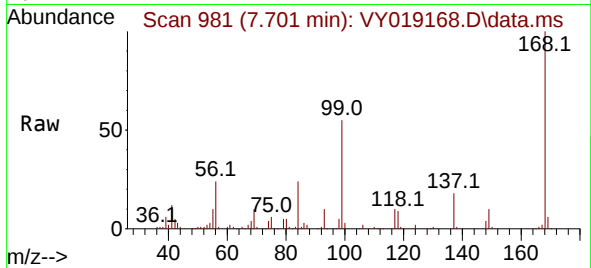
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

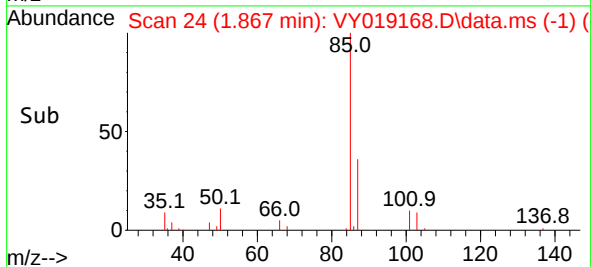
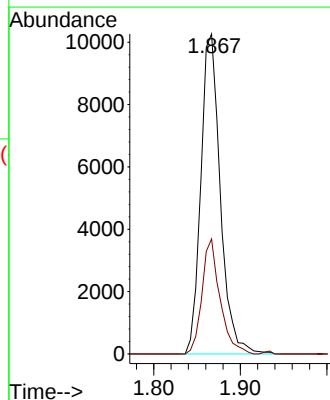
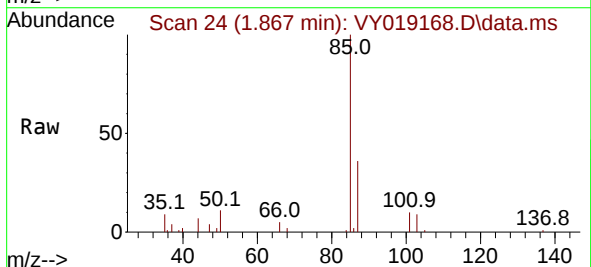
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 110442
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.767 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 85 Resp: 16017
Ion Ratio Lower Upper
85 100
87 35.9 16.0 48.0

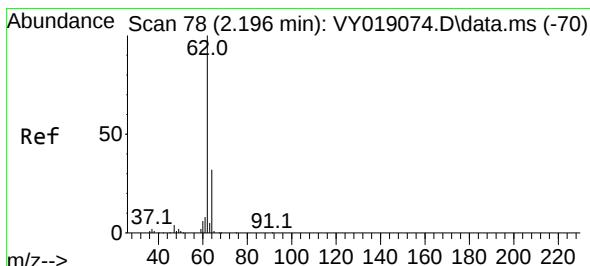
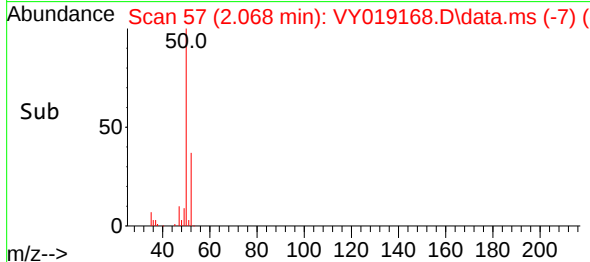
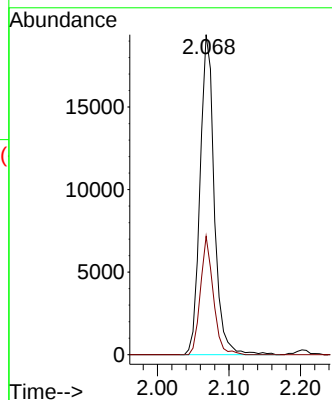
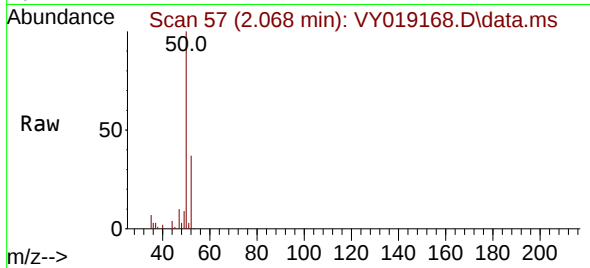




#3
Chloromethane
Concen: 18.281 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

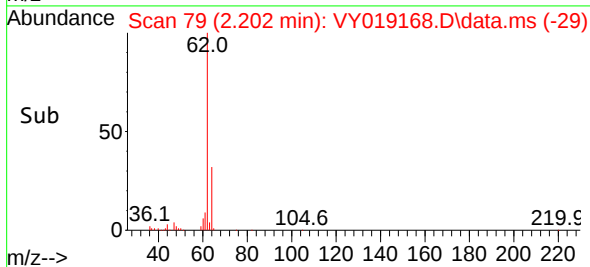
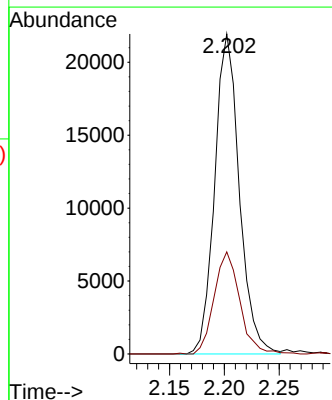
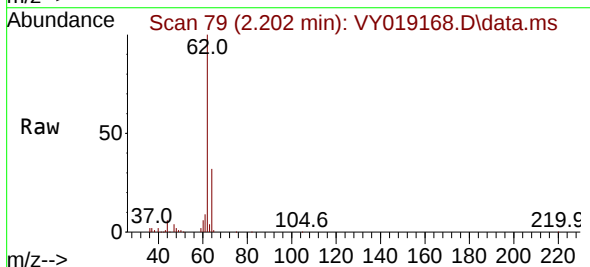
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 26700
Ion Ratio Lower Upper
50 100
52 37.0 25.6 38.4



#4
Vinyl Chloride
Concen: 19.034 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 62 Resp: 34339
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

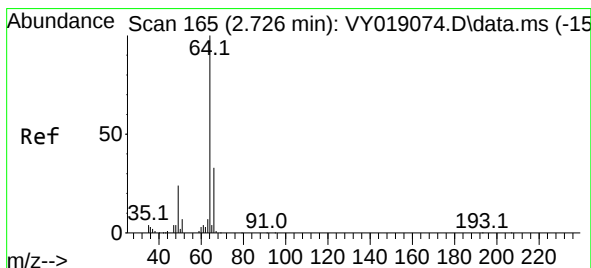
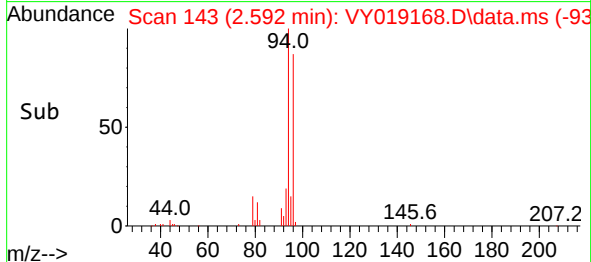
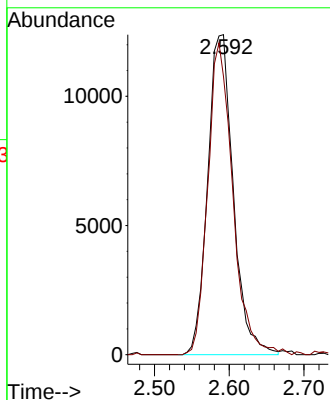
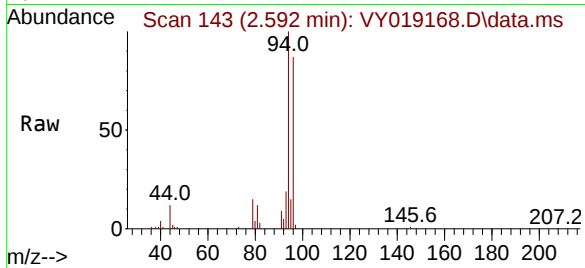




#5
Bromomethane
Concen: 23.705 ug/l
RT: 2.592 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

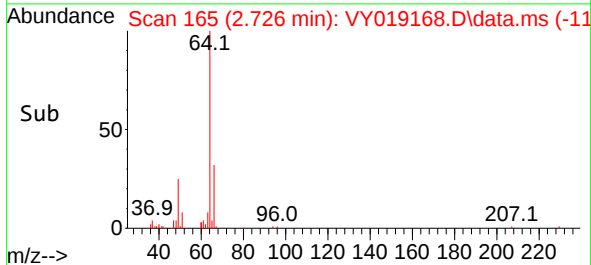
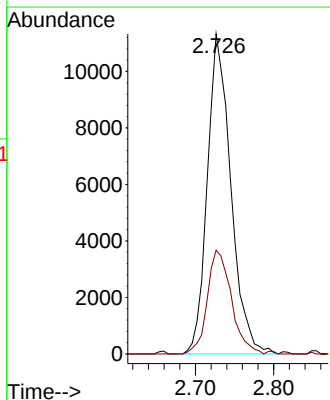
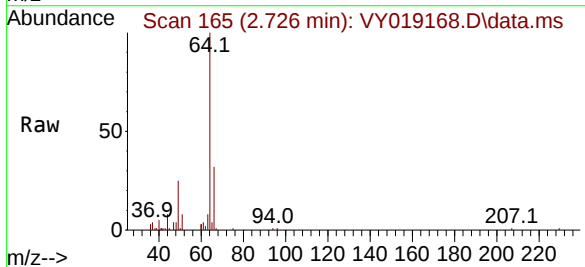
Instrument :
MSVOA_Y
ClientSampleId :

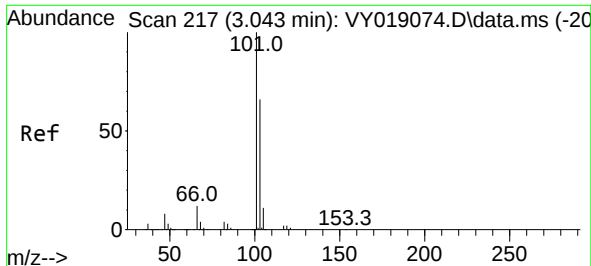
Tgt Ion: 94 Resp: 29537
Ion Ratio Lower Upper
94 100
96 86.9 74.1 111.1



#6
Chloroethane
Concen: 19.329 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 64 Resp: 23645
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

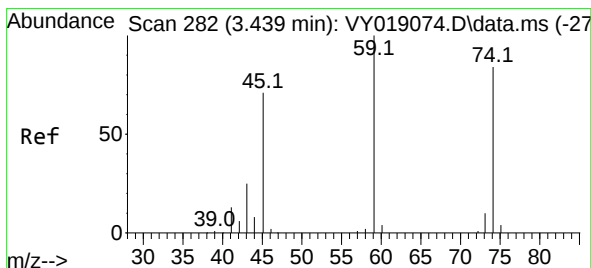
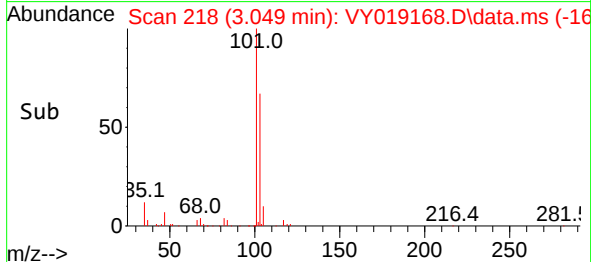
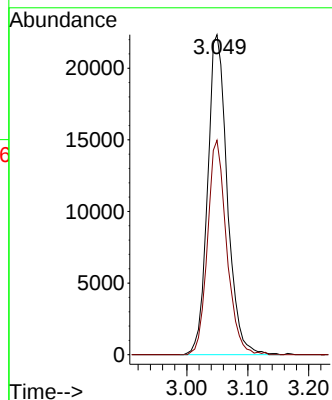
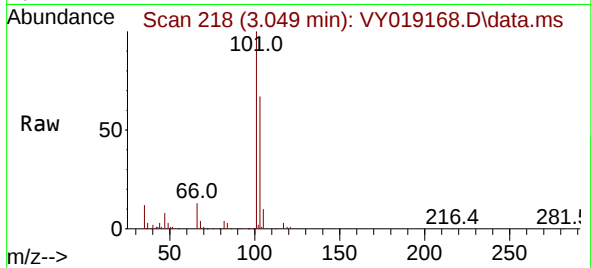




#7
 Trichlorofluoromethane
 Concen: 18.364 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019168.D
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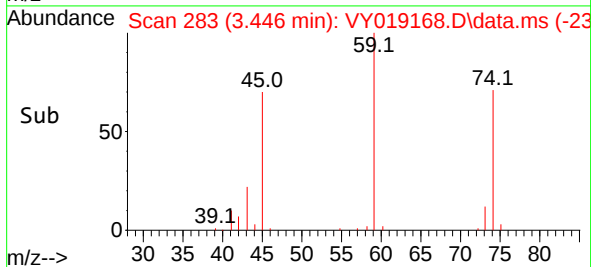
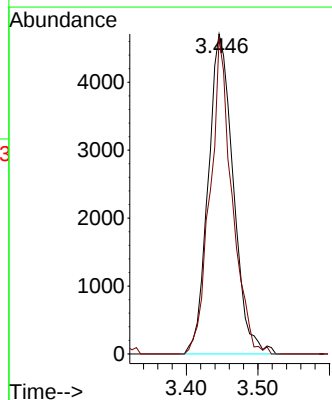
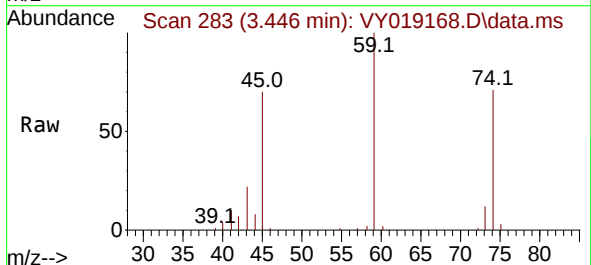
Instrument :
 MSVOA_Y
 ClientSampleId :

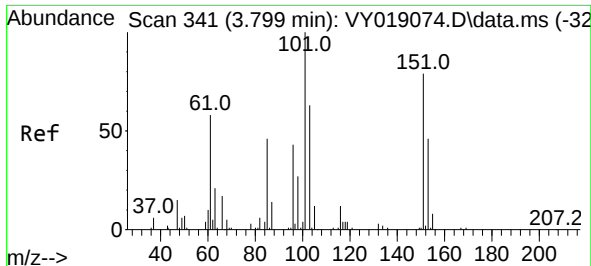
Tgt Ion:101 Resp: 50089
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.484 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019168.D
 Acq: 21 Aug 2024 14:42

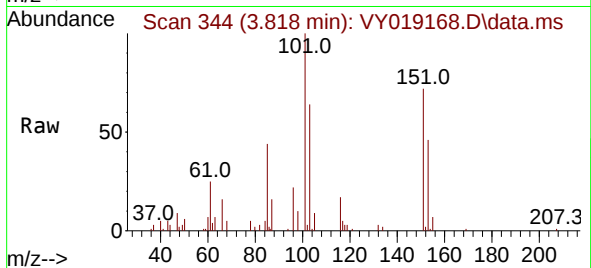
Tgt Ion: 74 Resp: 11471
 Ion Ratio Lower Upper
 74 100
 45 86.5 41.3 124.1



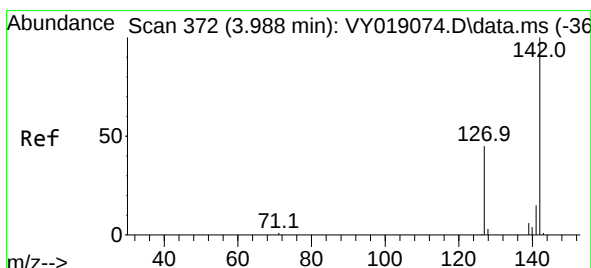
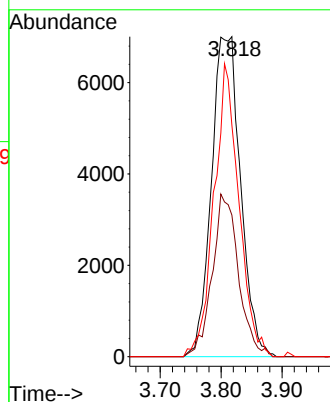
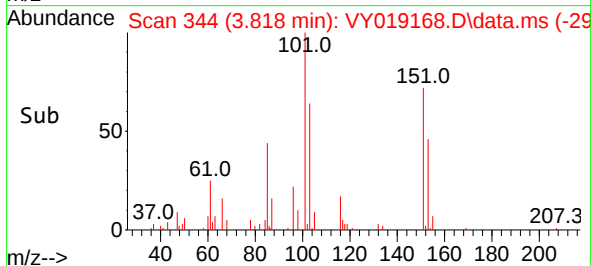


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.241 ug/l
RT: 3.818 min Scan# 341
Delta R.T. 0.019 min
Lab File: VY019168.D
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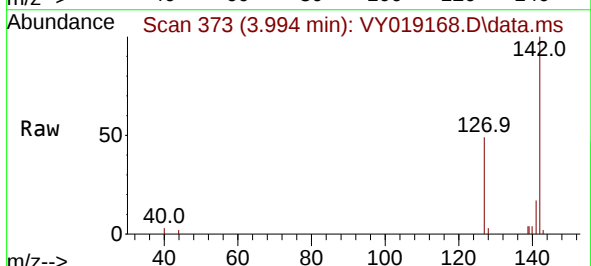
Instrument :
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ClientSampleId :



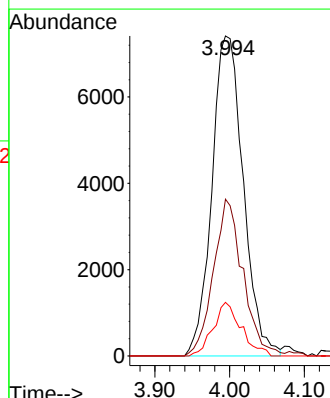
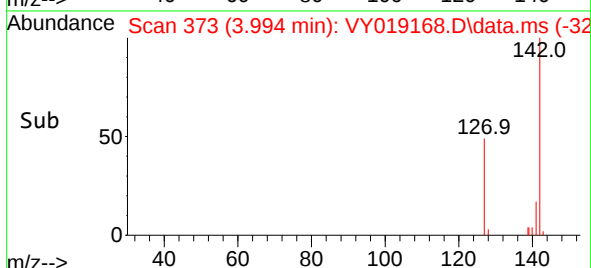
Tgt Ion:101 Resp: 23331
Ion Ratio Lower Upper
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151 78.3 61.7 92.5

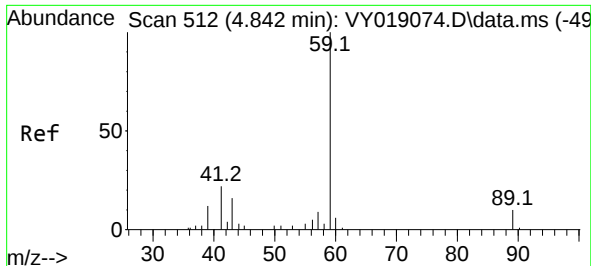


#10
Methyl Iodide
Concen: 18.191 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42



Tgt Ion:142 Resp: 21621
Ion Ratio Lower Upper
142 100
127 46.1 32.8 49.2
141 15.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 70.383 ug/l

RT: 4.830 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

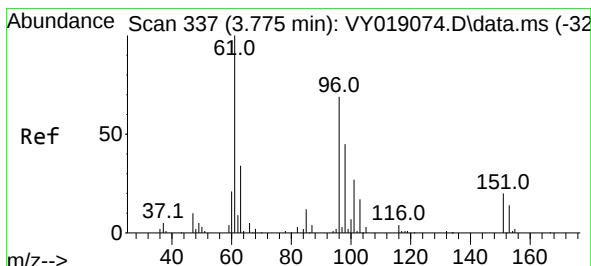
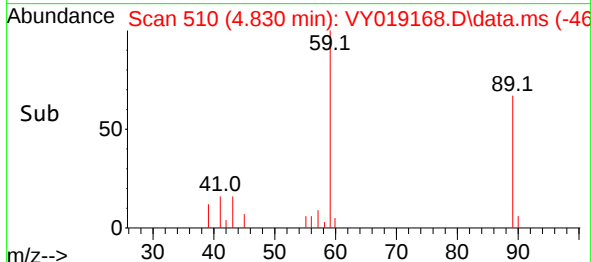
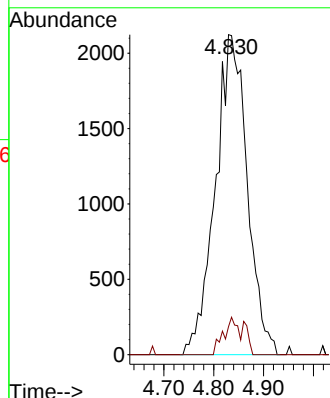
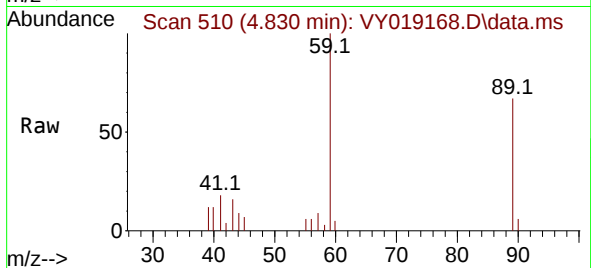
ClientSampleId :

Tgt Ion: 59 Resp: 9449

Ion Ratio Lower Upper

59 100

57 5.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.534 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.012 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

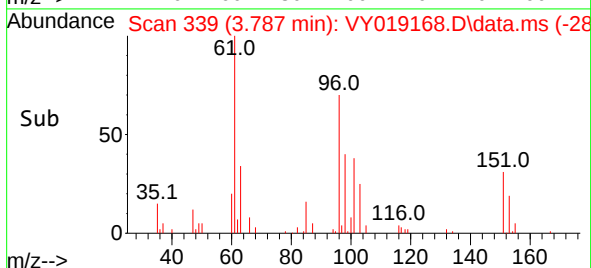
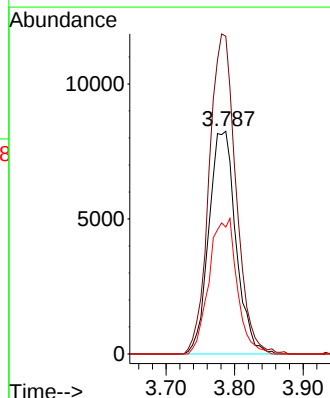
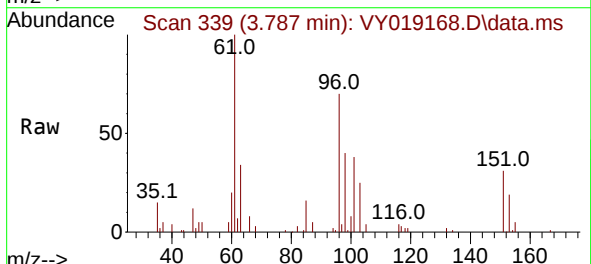
Tgt Ion: 96 Resp: 22622

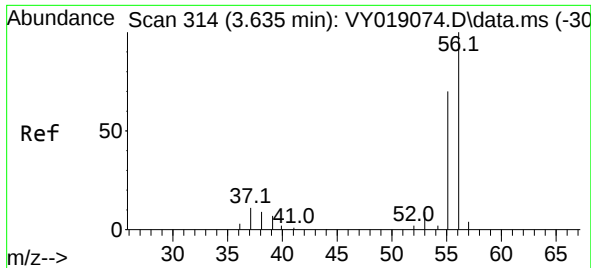
Ion Ratio Lower Upper

96 100

61 142.7 114.6 171.8

98 56.9 50.8 76.2





#13

Acrolein

Concen: 87.873 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

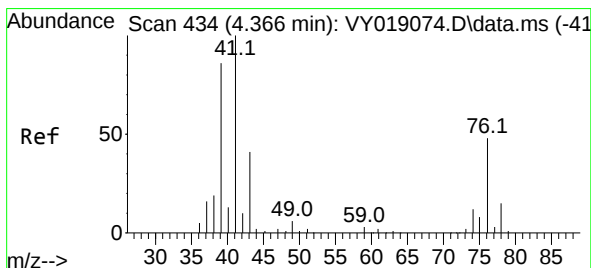
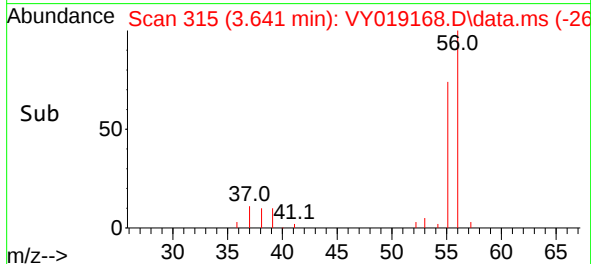
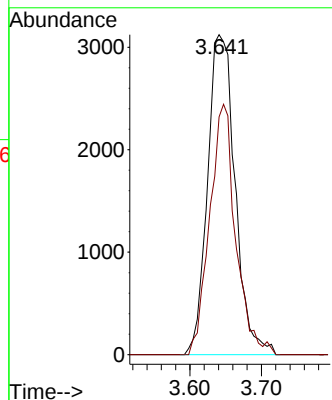
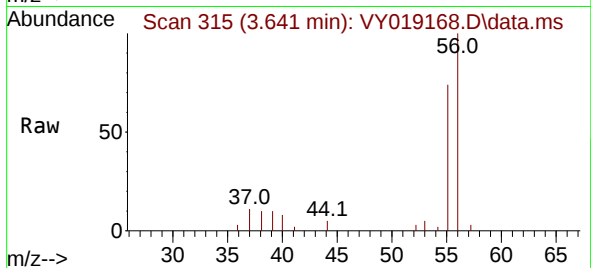
ClientSampleId :

Tgt Ion: 56 Resp: 8369

Ion Ratio Lower Upper

56 100

55 73.6 55.7 83.5



#14

Allyl chloride

Concen: 18.920 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

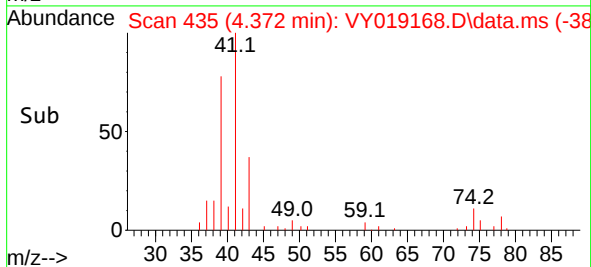
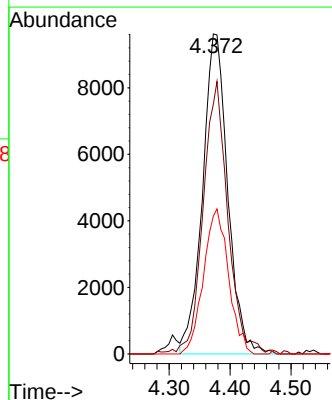
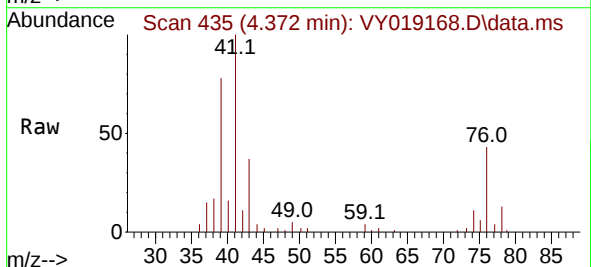
Tgt Ion: 41 Resp: 27712

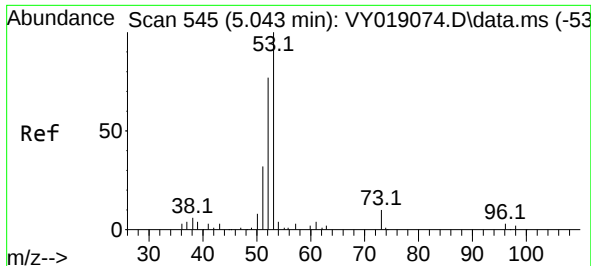
Ion Ratio Lower Upper

41 100

39 83.1 58.3 87.5

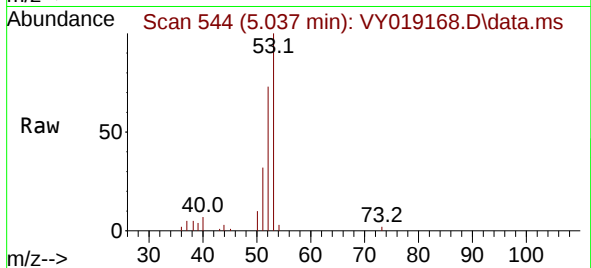
76 44.9 39.0 58.6



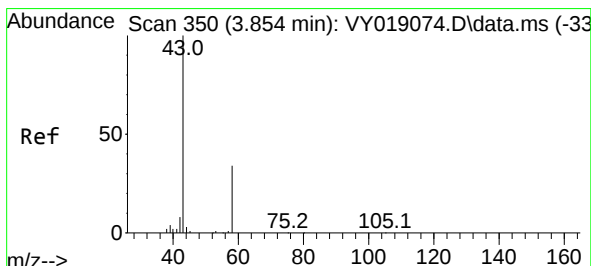
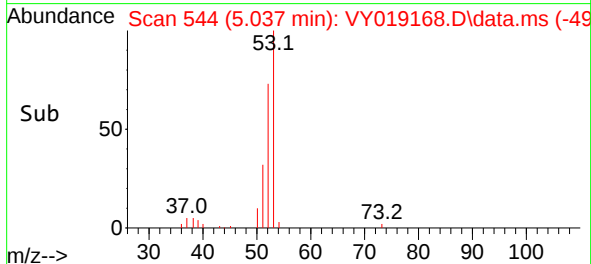
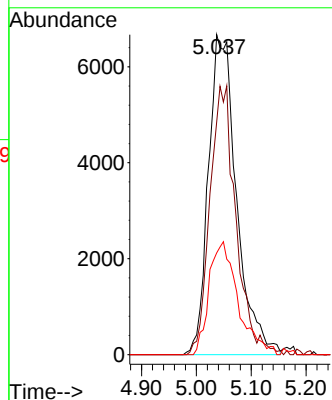


#15
Acrylonitrile
Concen: 98.237 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Instrument :
MSVOA_Y
ClientSampleId :

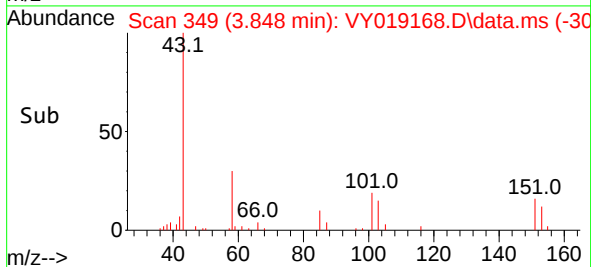
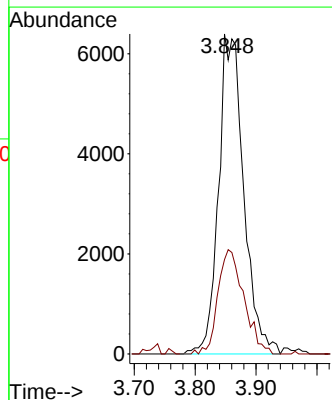
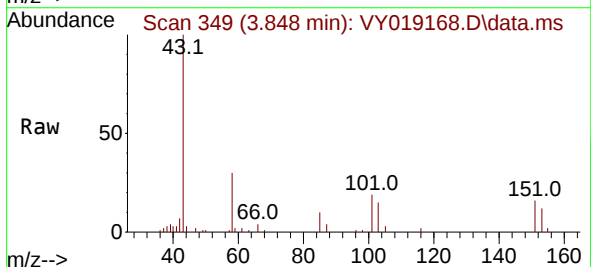


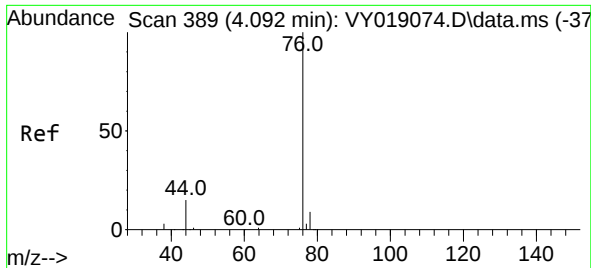
Tgt Ion: 53 Resp: 23665
Ion Ratio Lower Upper
53 100
52 78.2 64.7 97.1
51 36.4 28.4 42.6



#16
Acetone
Concen: 89.122 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 43 Resp: 18298
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#

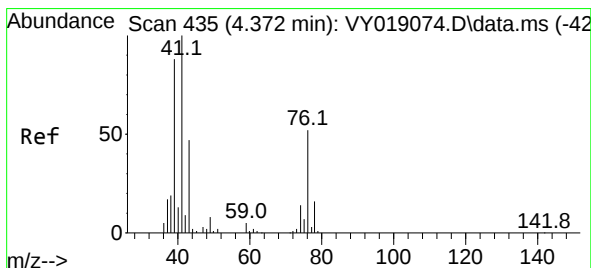
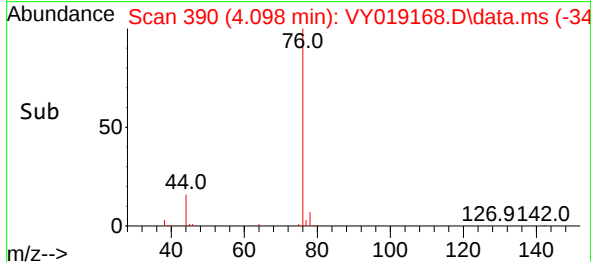
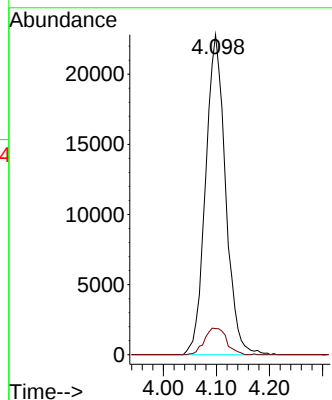
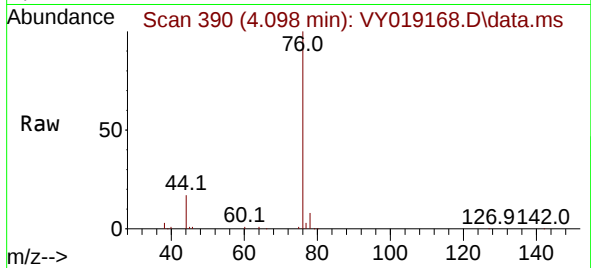




#17
Carbon Disulfide
Concen: 19.224 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

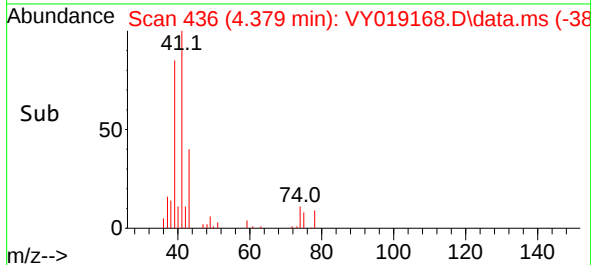
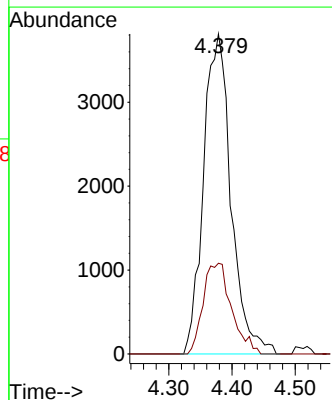
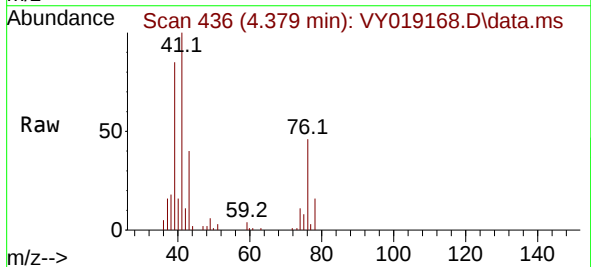
Instrument :
MSVOA_Y
ClientSampleId :

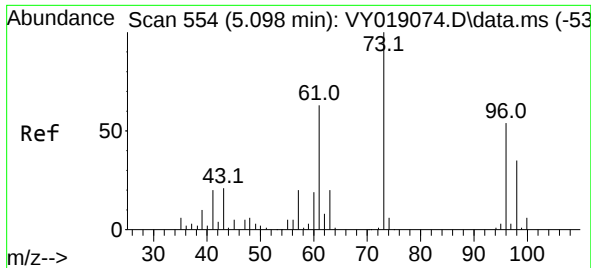
Tgt Ion: 76 Resp: 59733
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 18.291 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 43 Resp: 11526
Ion Ratio Lower Upper
43 100
74 29.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.668 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

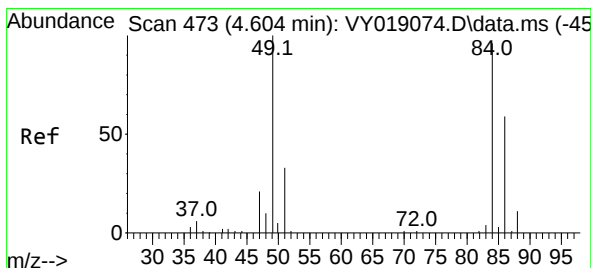
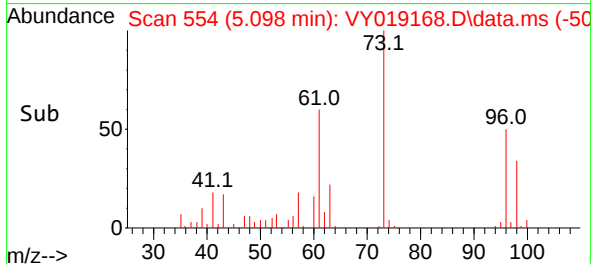
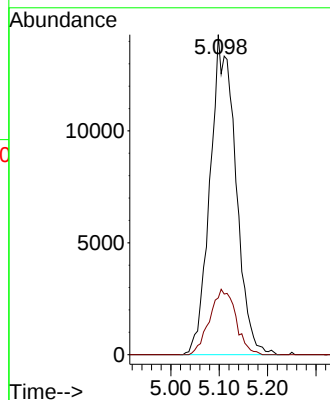
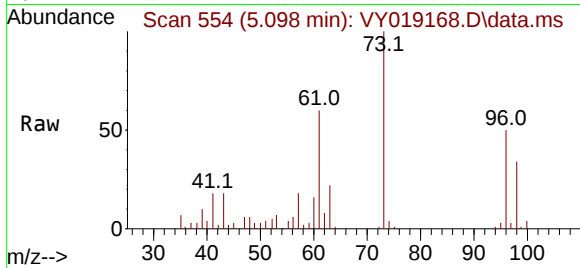
ClientSampleId :

Tgt Ion: 73 Resp: 52531

Ion Ratio Lower Upper

73 100

57 17.7 17.3 25.9



#20

Methylene Chloride

Concen: 15.011 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Tgt Ion: 84 Resp: 28265

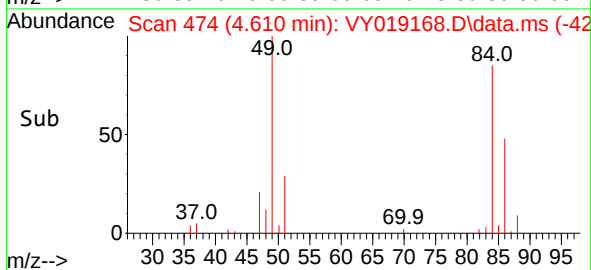
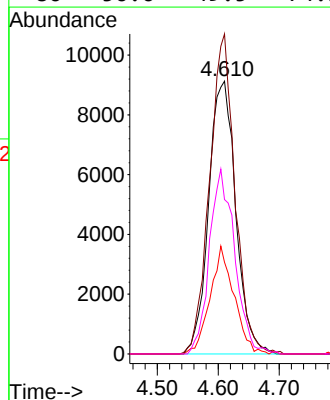
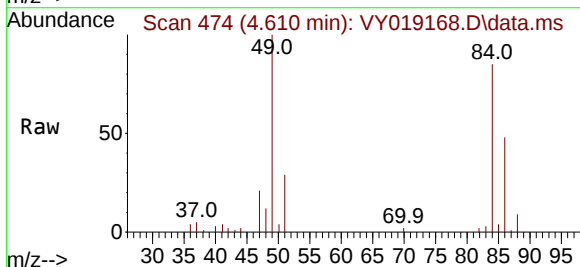
Ion Ratio Lower Upper

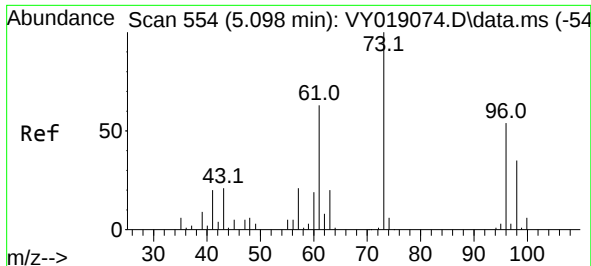
84 100

49 117.3 84.4 126.6

51 33.6 26.0 39.0

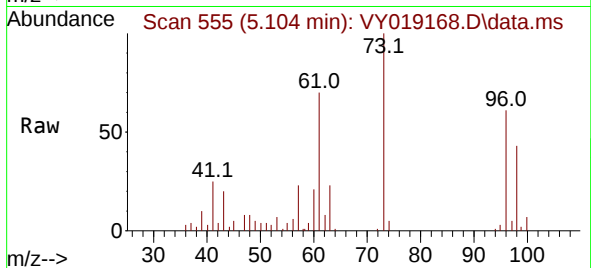
86 56.6 49.5 74.3



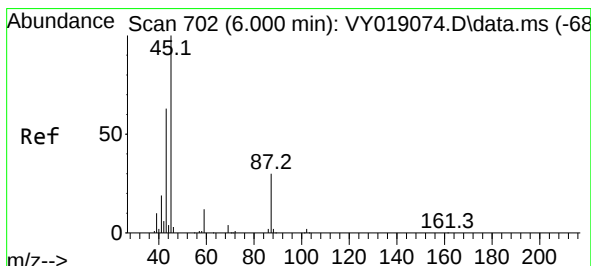
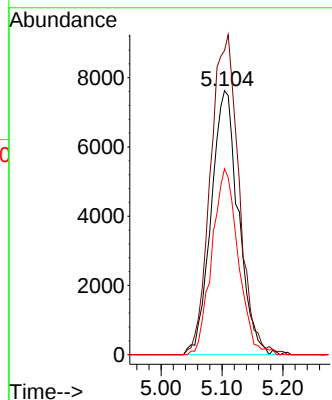
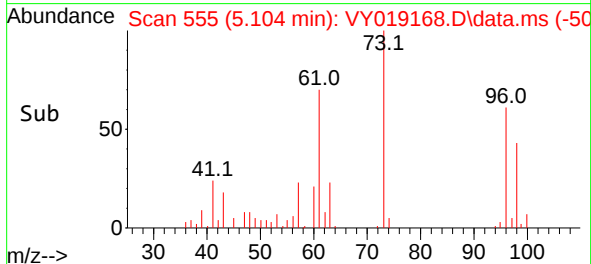


#21
trans-1,2-Dichloroethene
Concen: 19.322 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

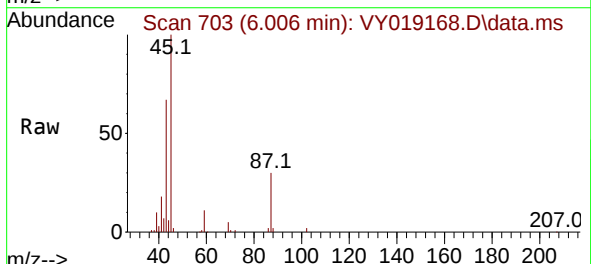
Instrument :
MSVOA_Y
ClientSampleId :



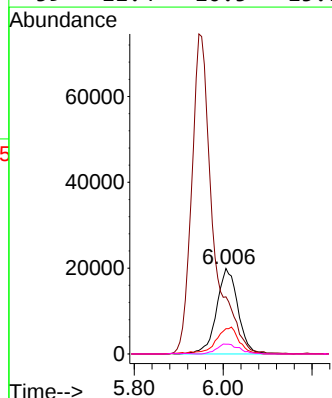
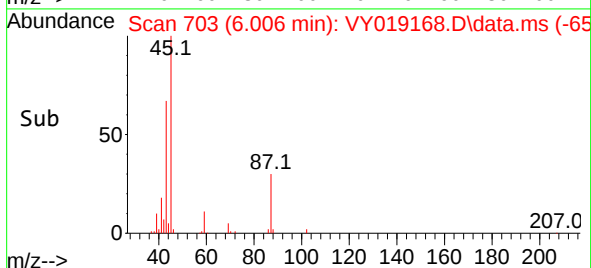
Tgt Ion: 96 Resp: 23781
Ion Ratio Lower Upper
96 100
61 115.2 97.5 146.3
98 70.4 50.5 75.7

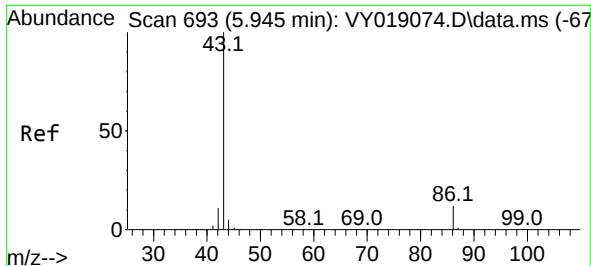


#22
Diisopropyl ether
Concen: 19.756 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42



Tgt Ion: 45 Resp: 66242
Ion Ratio Lower Upper
45 100
43 65.9 42.2 63.2#
87 29.6 25.0 37.6
59 11.4 10.5 15.7

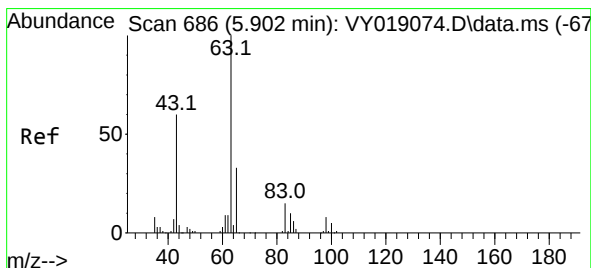
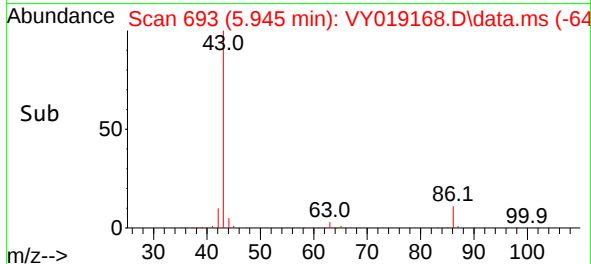
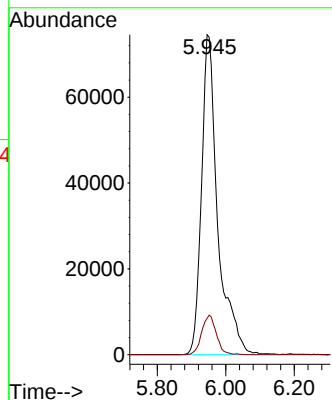
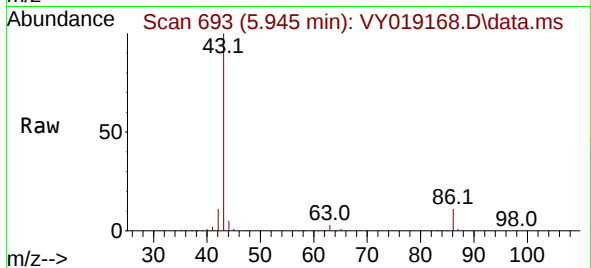




#23
 Vinyl Acetate
 Concen: 92.806 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019168.D
 Acq: 21 Aug 2024 14:42

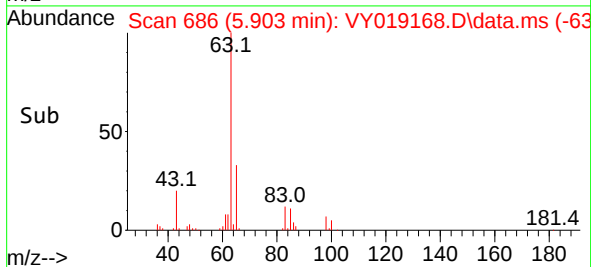
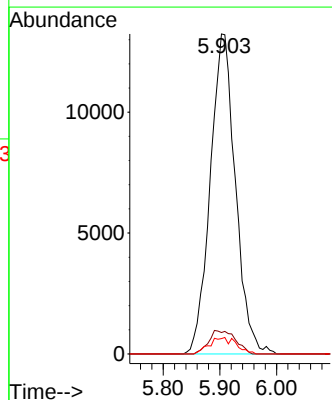
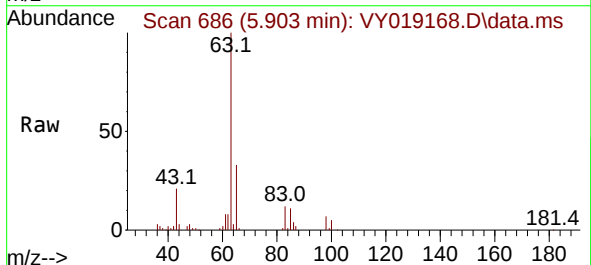
Instrument :
 MSVOA_Y
 ClientSampleId :

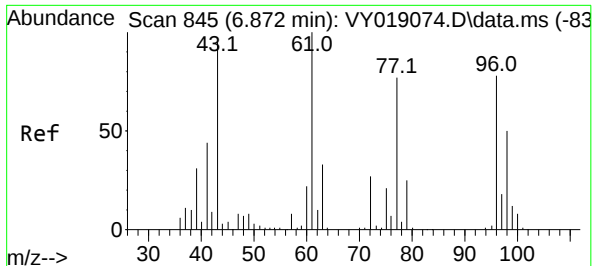
Tgt Ion: 43 Resp: 246370
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.931 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019168.D
 Acq: 21 Aug 2024 14:42

Tgt Ion: 63 Resp: 40870
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.8 2.6 8.0

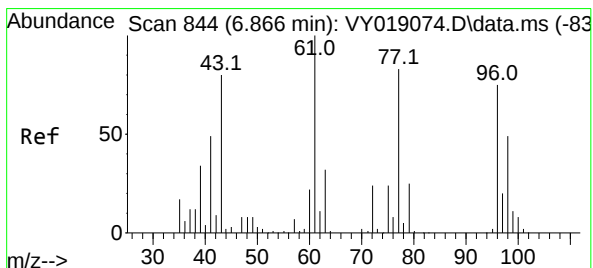
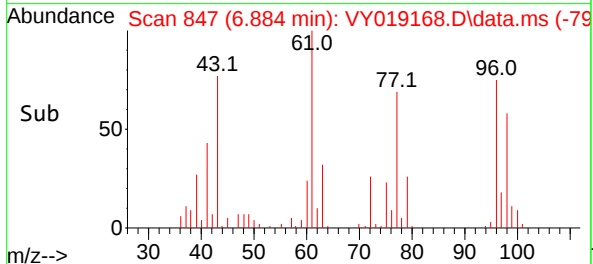
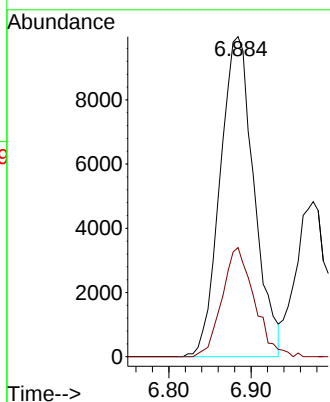
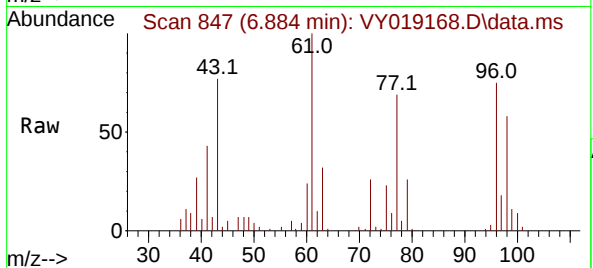




#25
2-Butanone
Concen: 86.587 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

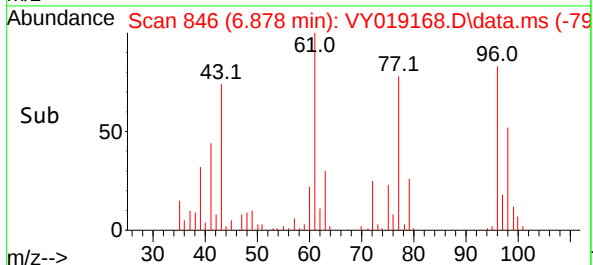
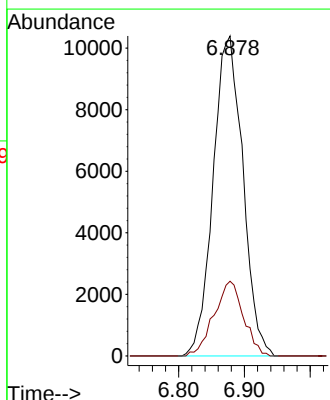
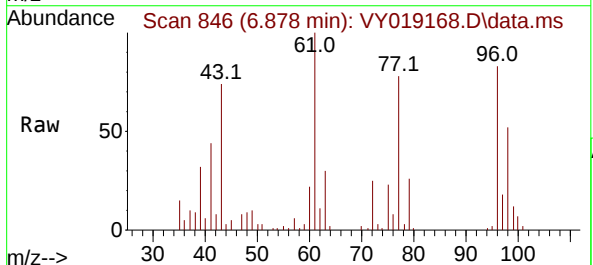
Instrument :
MSVOA_Y
ClientSampleId :

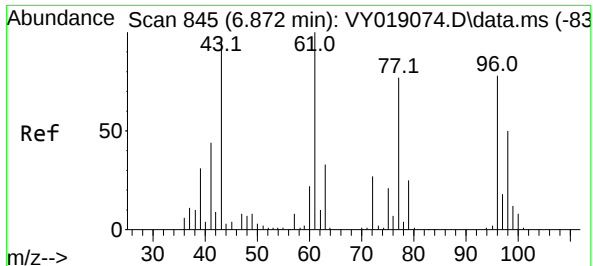
Tgt Ion: 43 Resp: 28630
Ion Ratio Lower Upper
43 100
72 34.1 27.3 40.9



#26
2,2-Dichloropropane
Concen: 19.670 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 77 Resp: 32663
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.945 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

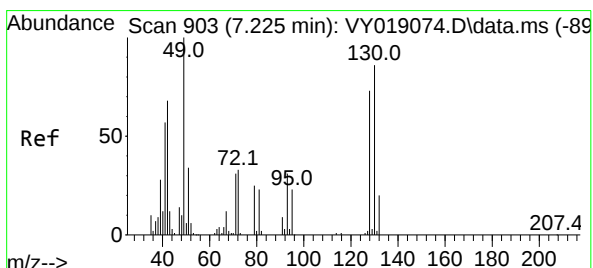
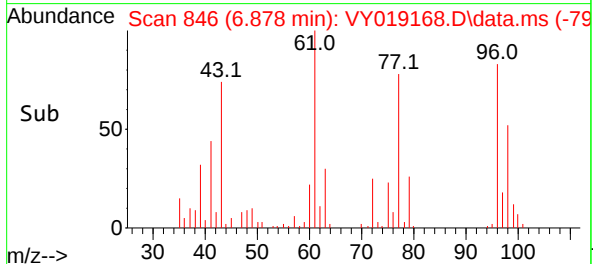
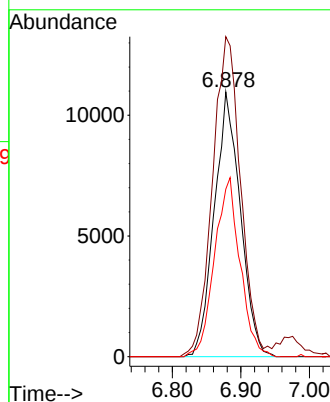
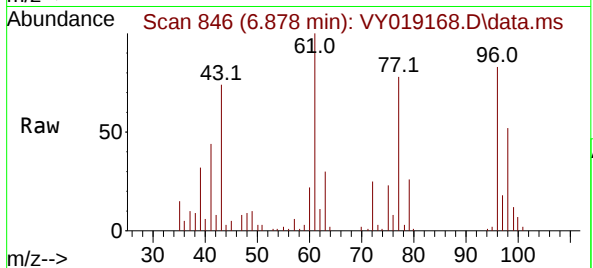
Tgt Ion: 96 Resp: 28889

Ion Ratio Lower Upper

96 100

61 131.0 0.0 256.2

98 66.4 0.0 130.0



#28

Bromochloromethane

Concen: 19.283 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

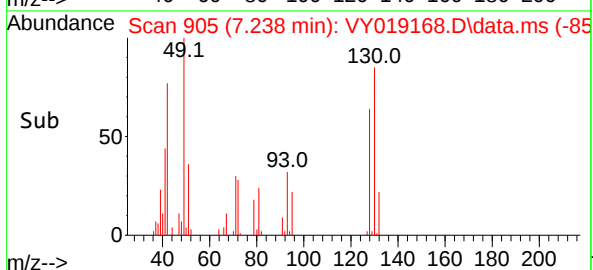
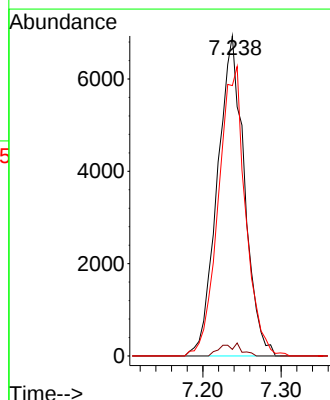
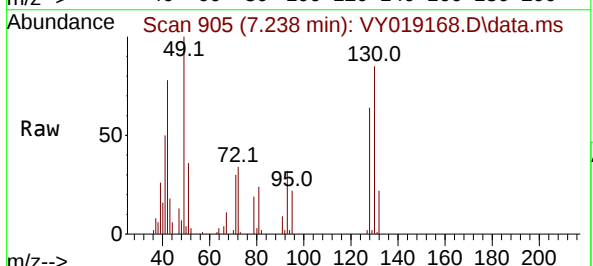
Tgt Ion: 49 Resp: 16587

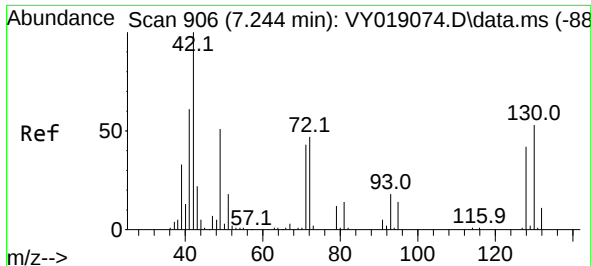
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 90.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 85.701 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

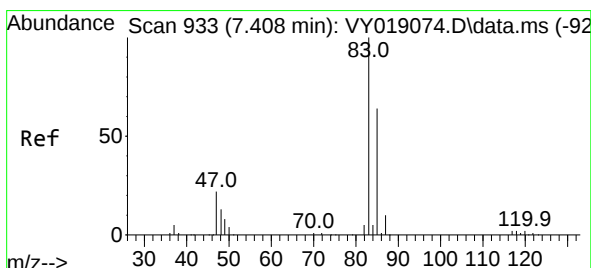
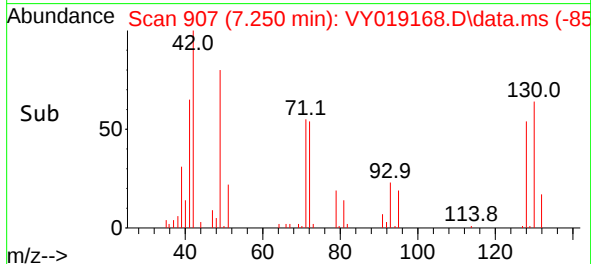
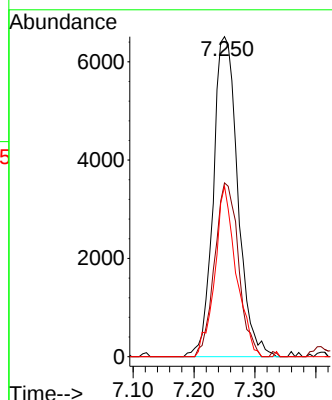
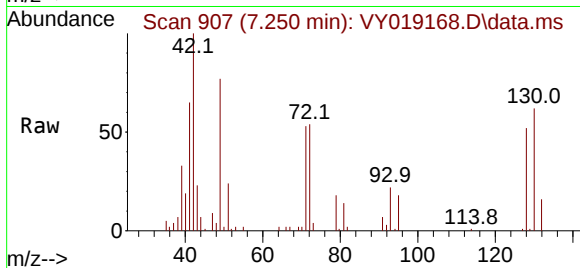
Tgt Ion: 42 Resp: 18216

Ion Ratio Lower Upper

42 100

72 52.7 43.0 64.4

71 46.2 40.8 61.2



#30

Chloroform

Concen: 20.392 ug/l

RT: 7.408 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019168.D

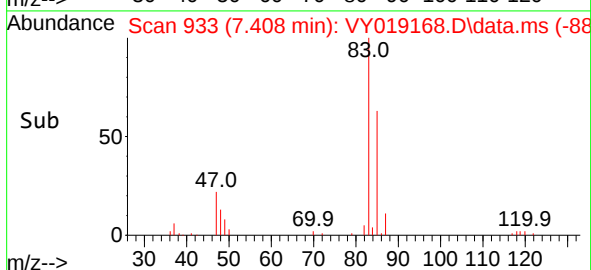
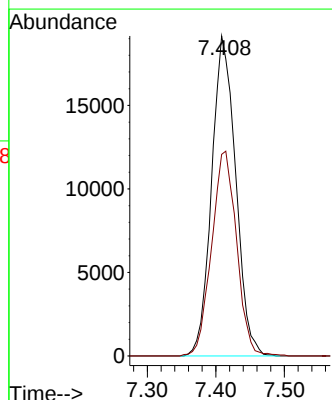
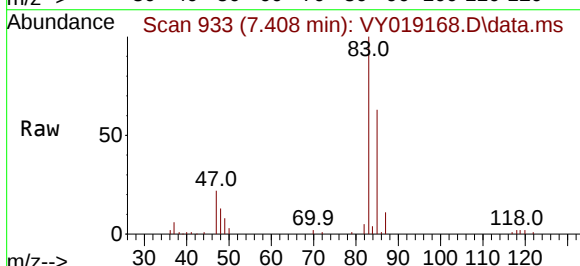
Acq: 21 Aug 2024 14:42

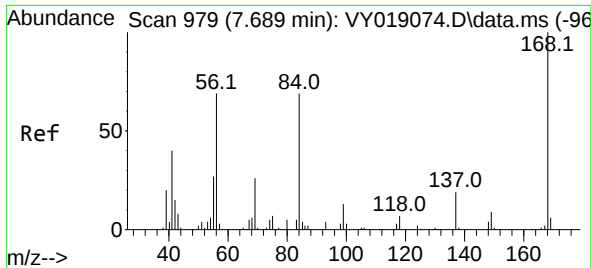
Tgt Ion: 83 Resp: 46594

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

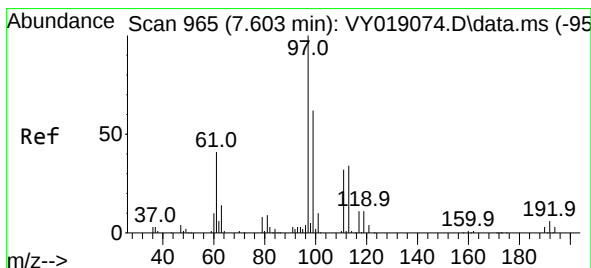
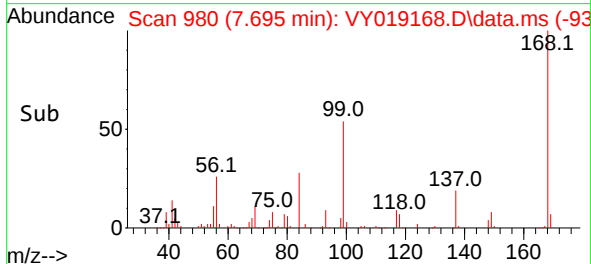
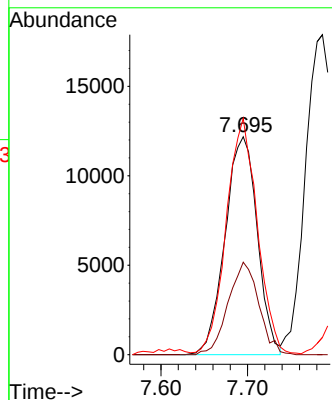
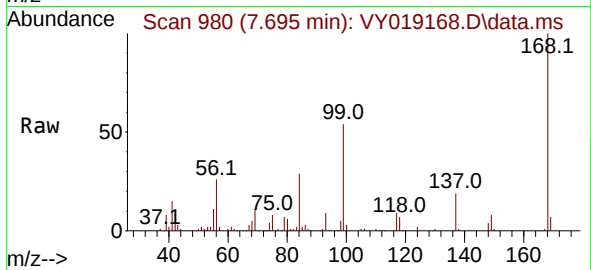




#31
Cyclohexane
Concen: 17.041 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

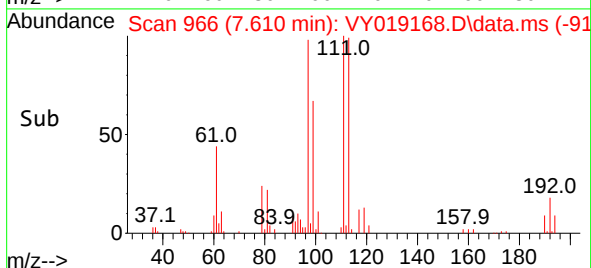
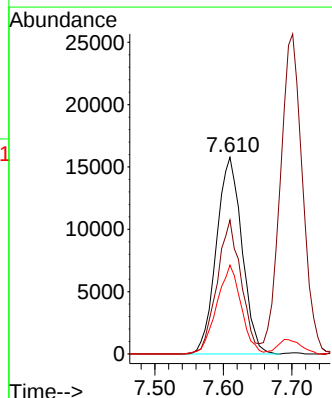
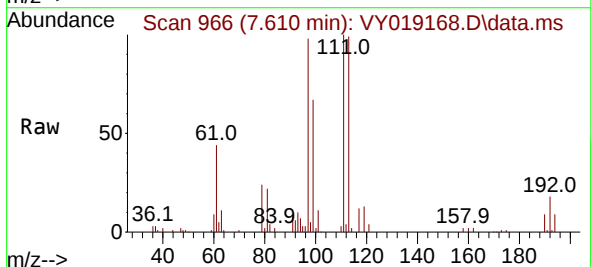
Instrument :
MSVOA_Y
ClientSampleId :

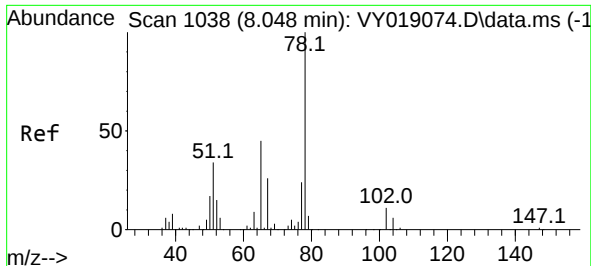
Tgt Ion: 56 Resp: 31454
Ion Ratio Lower Upper
56 100
69 42.4 28.7 43.1
84 106.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.318 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 97 Resp: 40799
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 43.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.446 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

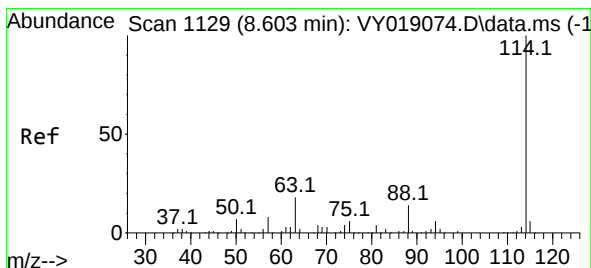
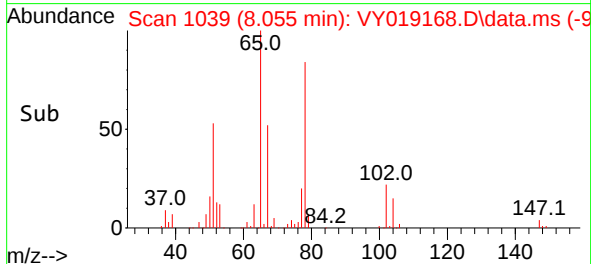
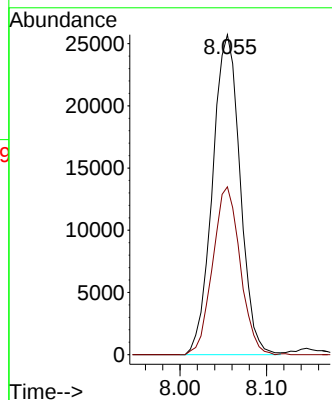
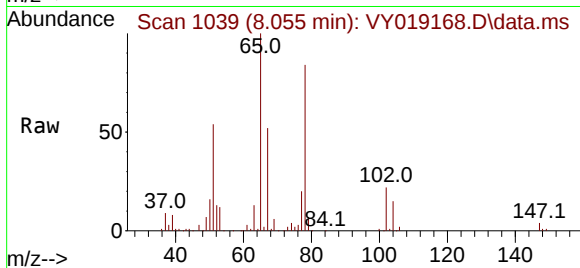
ClientSampleId :

Tgt Ion: 65 Resp: 56956

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

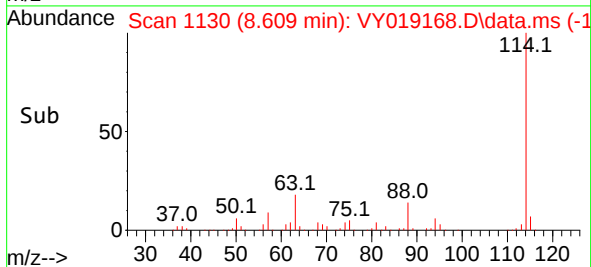
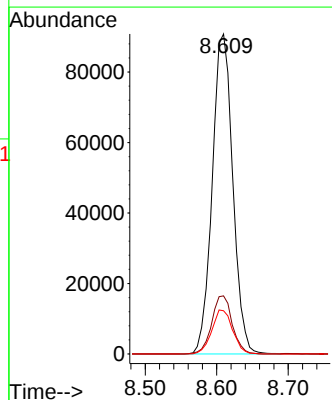
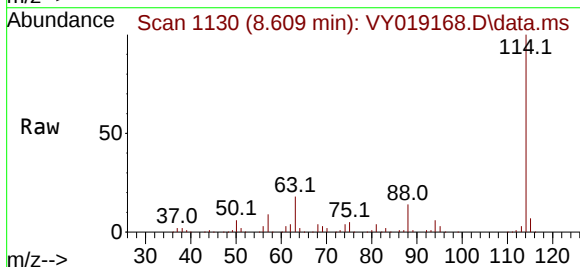
Tgt Ion: 114 Resp: 181289

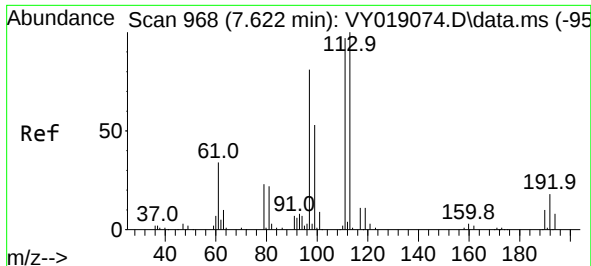
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

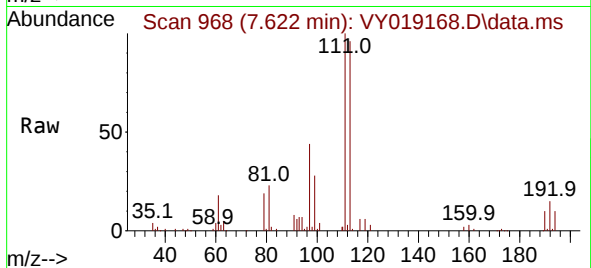
88 13.5 0.0 27.2



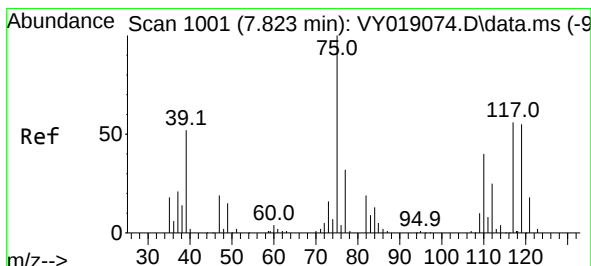
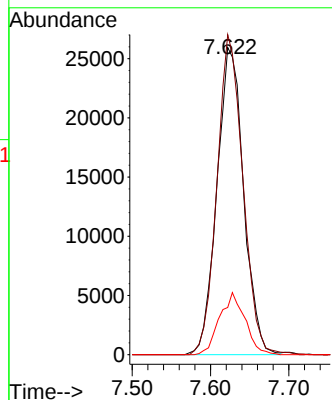
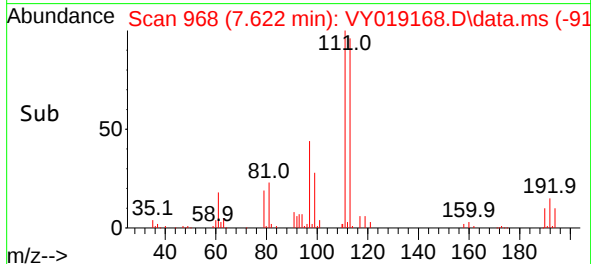


#35
Dibromofluoromethane
Concen: 51.733 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

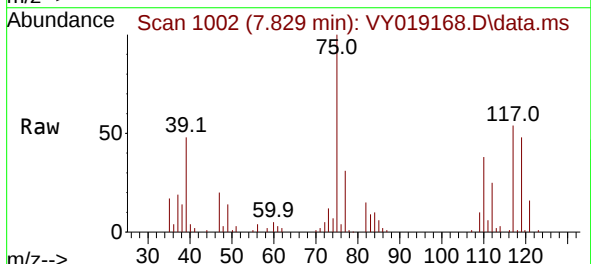
Instrument :
MSVOA_Y
ClientSampleId :



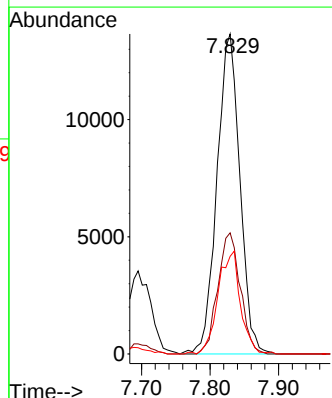
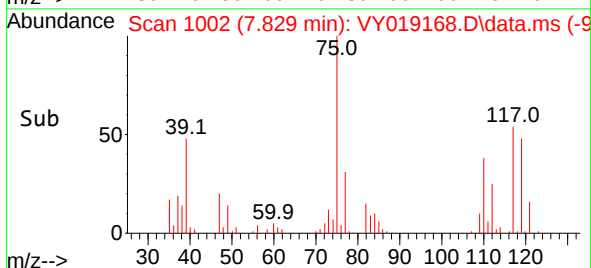
Tgt Ion:113 Resp: 61323
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.3 15.9 23.9

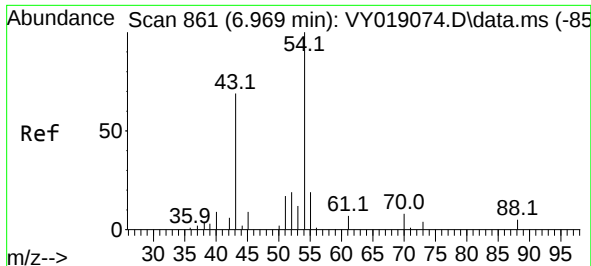


#36
1,1-Dichloropropene
Concen: 19.457 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42



Tgt Ion: 75 Resp: 31670
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 18.955 ug/l

RT: 6.976 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

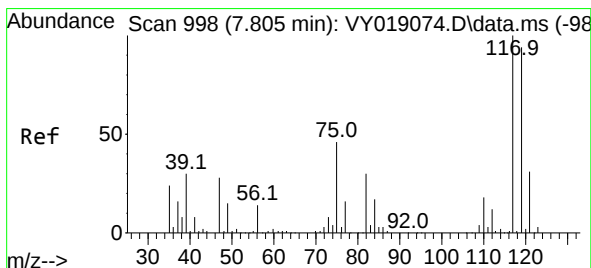
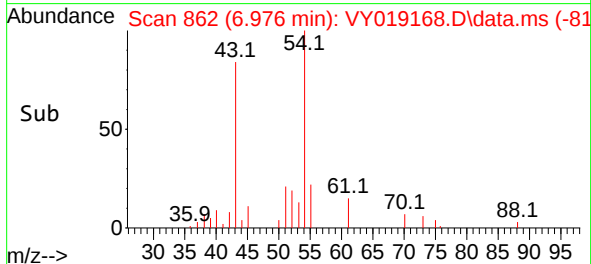
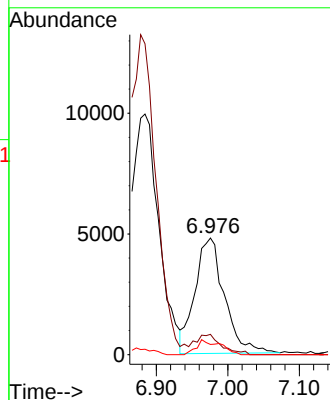
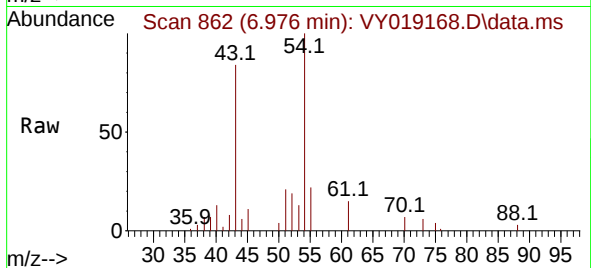
Tgt Ion: 43 Resp: 13670

Ion Ratio Lower Upper

43 100

61 15.2 12.6 19.0

70 10.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.346 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

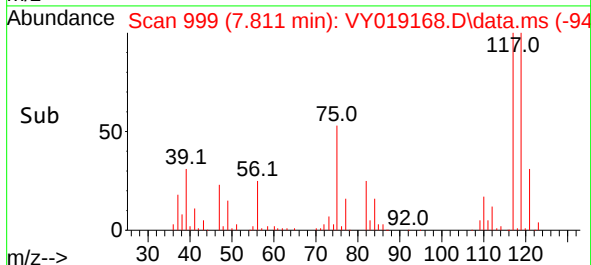
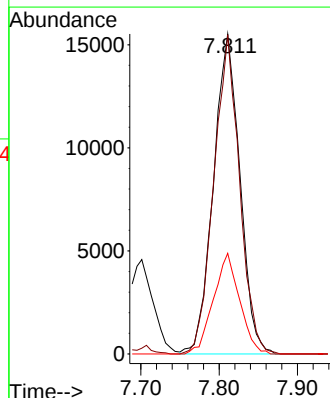
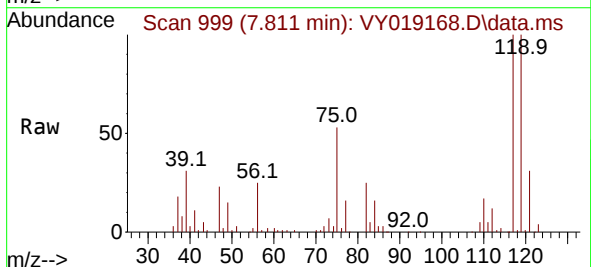
Tgt Ion: 117 Resp: 36494

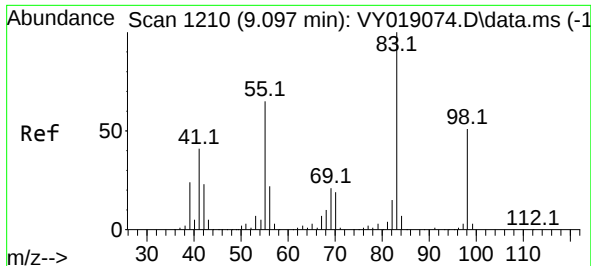
Ion Ratio Lower Upper

117 100

119 99.8 75.8 113.6

121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 18.303 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

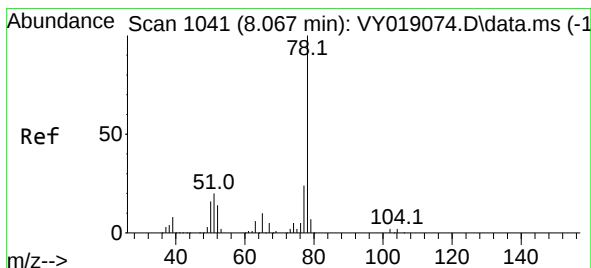
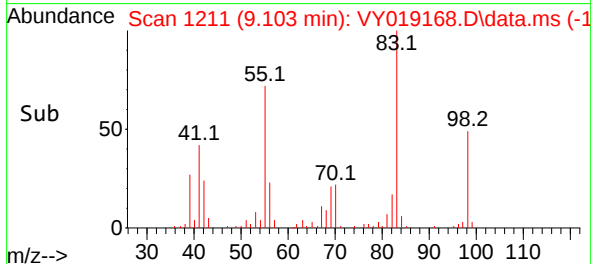
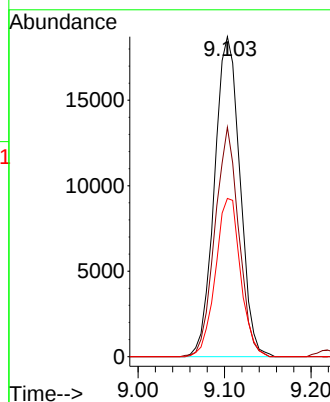
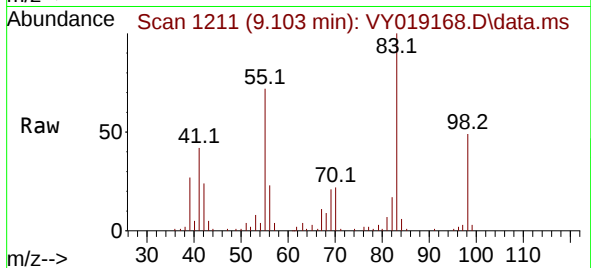
Tgt Ion: 83 Resp: 38233

Ion Ratio Lower Upper

83 100

55 71.7 51.5 77.3

98 49.5 40.5 60.7



#40

Benzene

Concen: 20.188 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019168.D

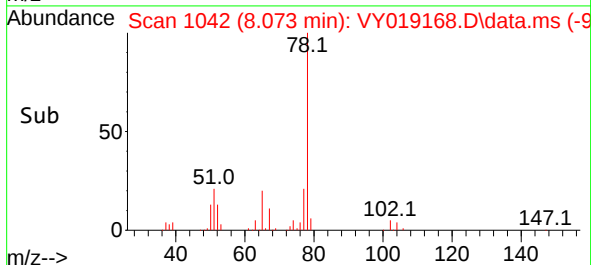
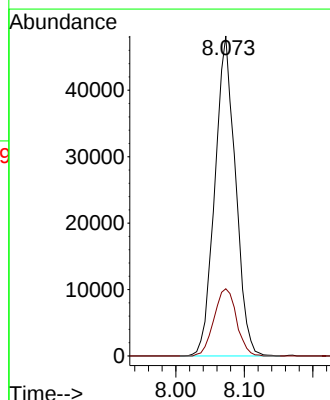
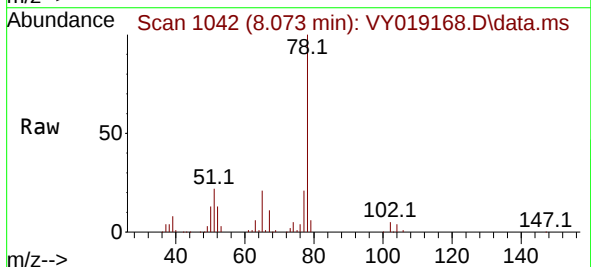
Acq: 21 Aug 2024 14:42

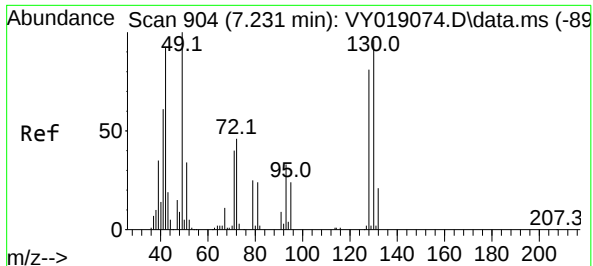
Tgt Ion: 78 Resp: 100780

Ion Ratio Lower Upper

78 100

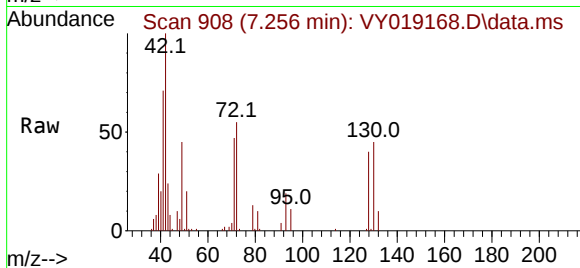
77 21.0 19.5 29.3



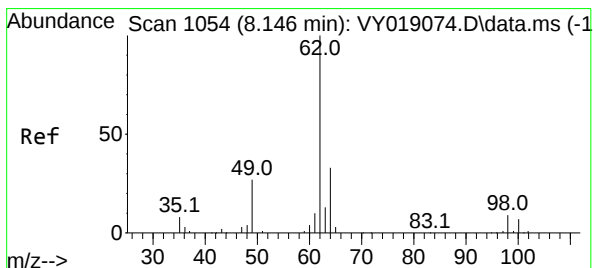
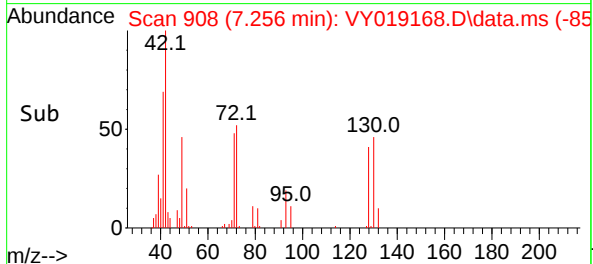
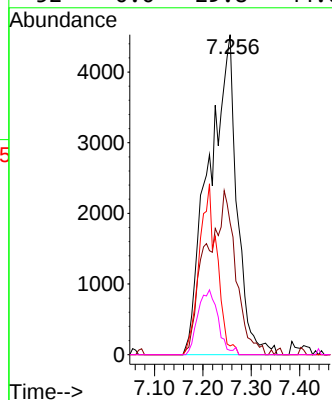


#41
Methacrylonitrile
Concen: 46.510 ug/l
RT: 7.256 min Scan# 90
Delta R.T. 0.025 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Instrument :
MSVOA_Y
ClientSampleId :

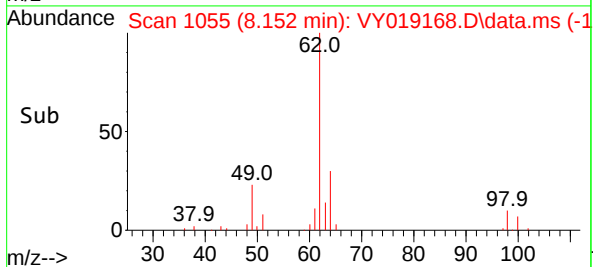
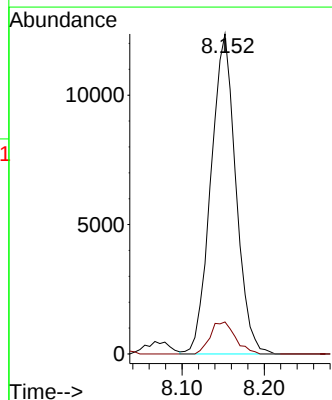
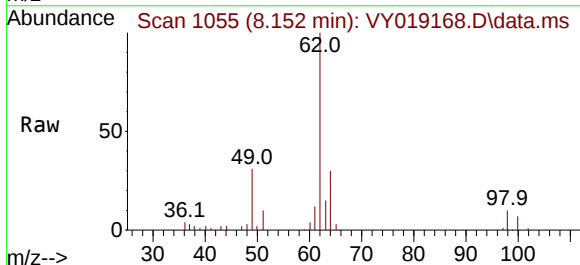


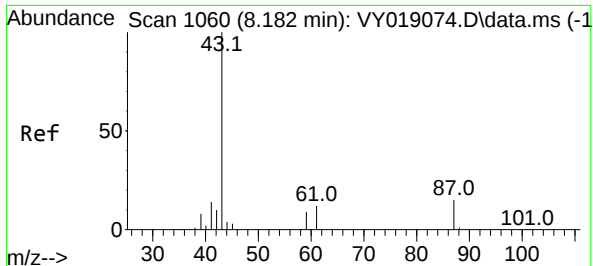
Tgt Ion: 41 Resp: 18307
Ion Ratio Lower Upper
41 100
39 27.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.378 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 62 Resp: 26123
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.0

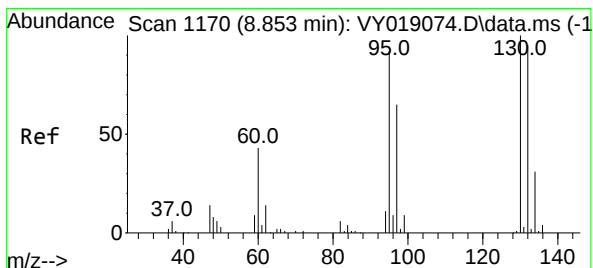
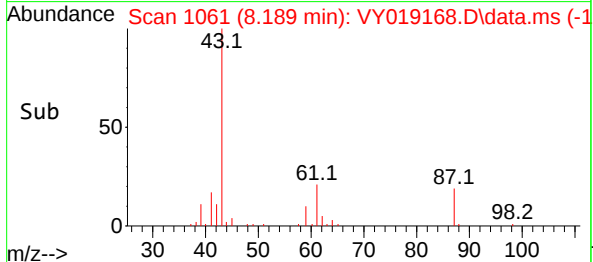
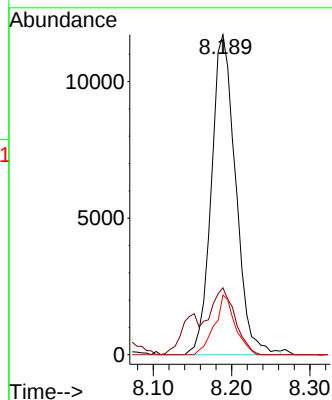
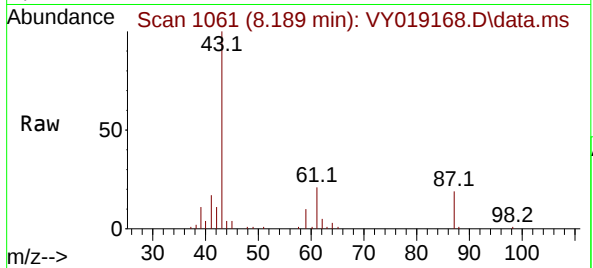




#43
Isopropyl Acetate
Concen: 17.300 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

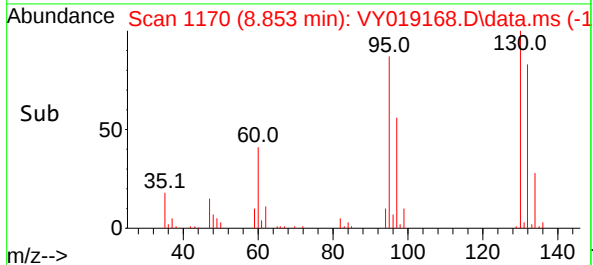
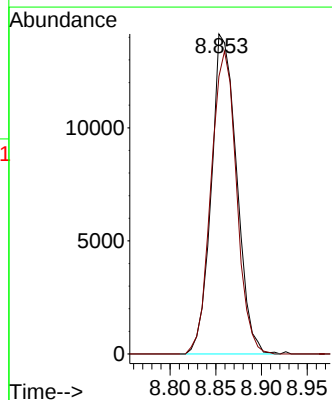
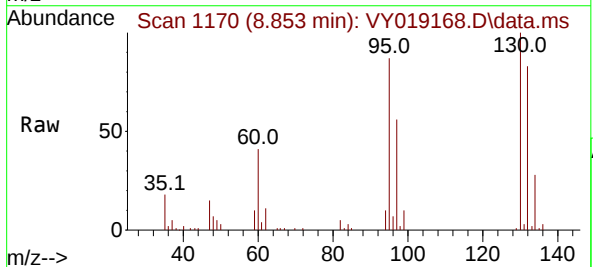
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 25231
Ion Ratio Lower Upper
43 100
61 20.3 27.9 41.9#
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 19.588 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion:130 Resp: 27285
Ion Ratio Lower Upper
130 100
95 86.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.964 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

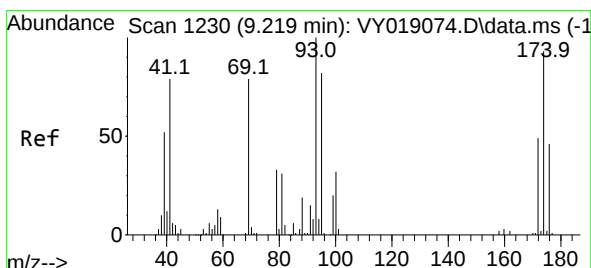
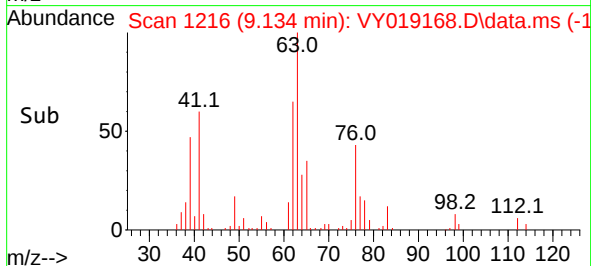
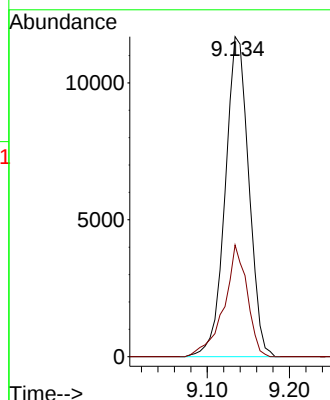
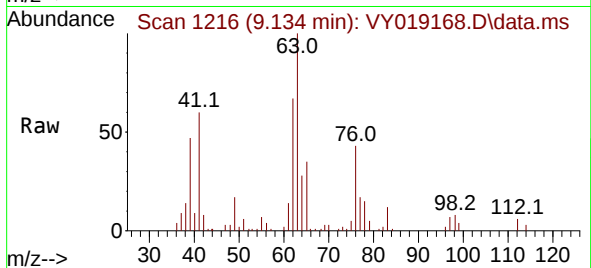
ClientSampleId :

Tgt Ion: 63 Resp: 23318

Ion Ratio Lower Upper

63 100

65 34.9 25.4 38.2



#46

Dibromomethane

Concen: 19.713 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

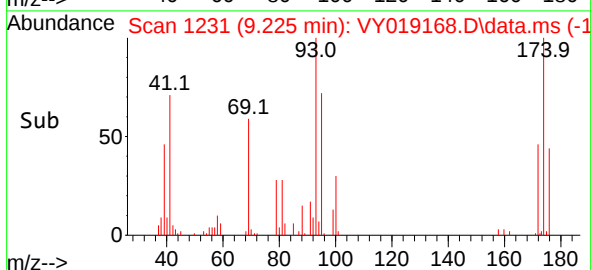
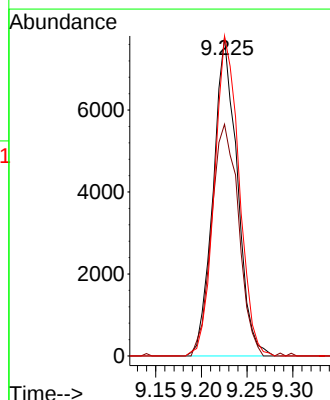
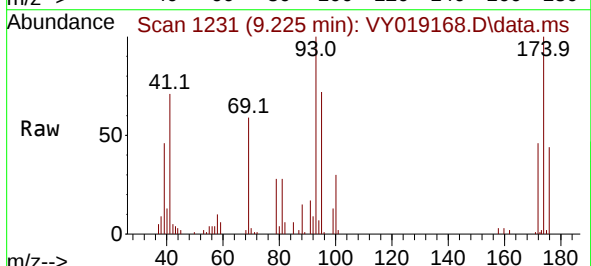
Tgt Ion: 93 Resp: 14221

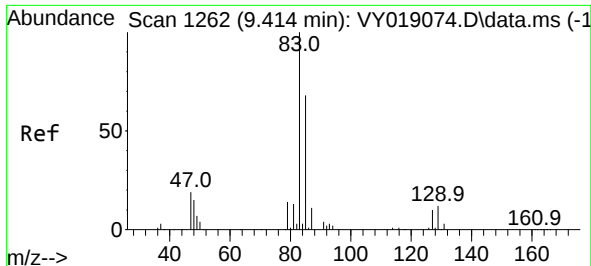
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 103.0 80.9 121.3

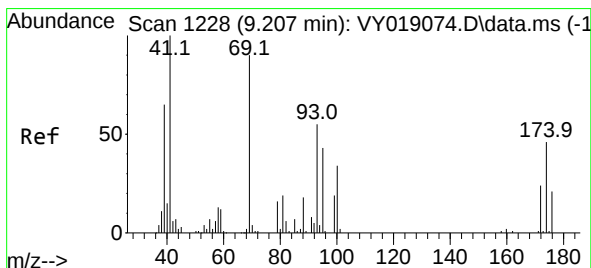
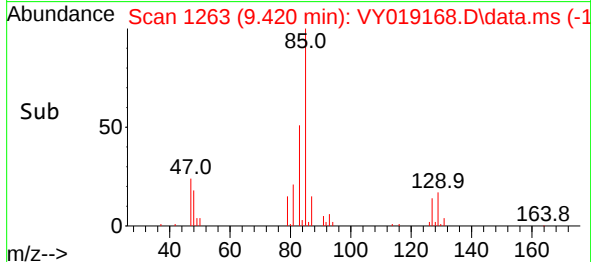
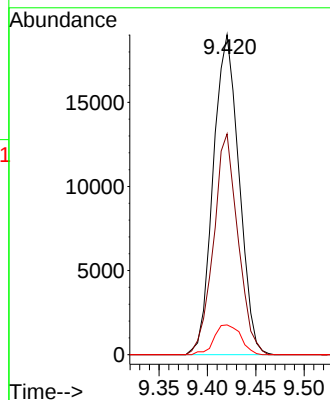
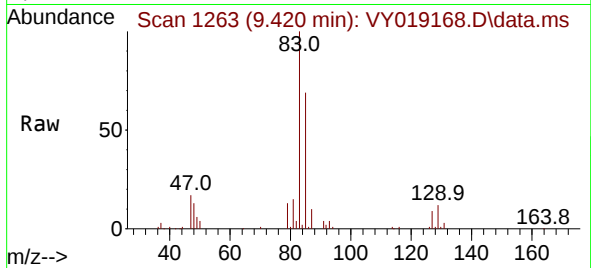




#47
Bromodichloromethane
Concen: 19.895 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

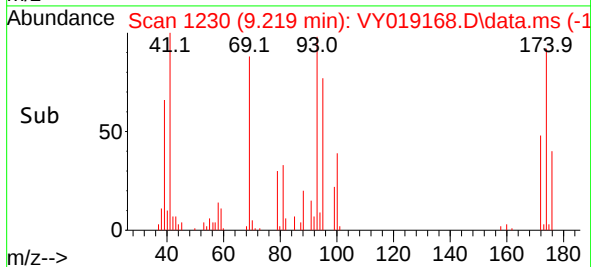
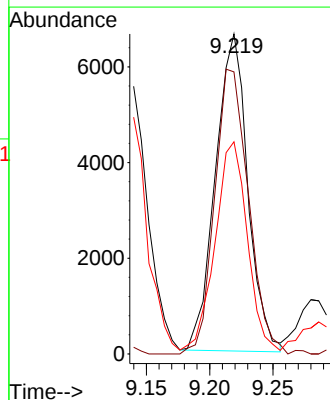
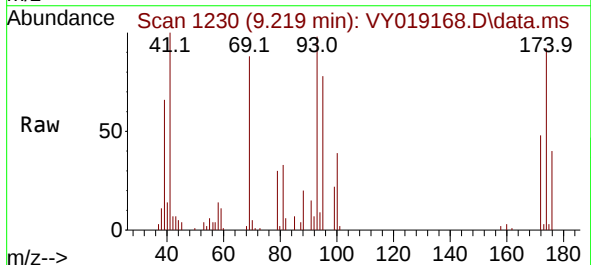
Instrument :
MSVOA_Y
ClientSampleId :

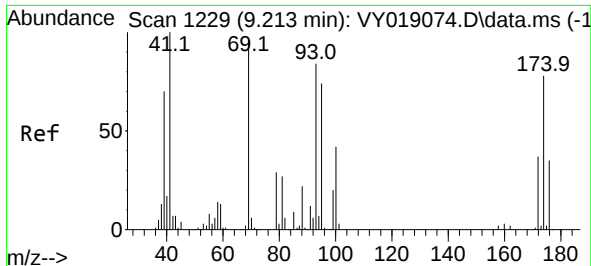
Tgt Ion: 83 Resp: 35212
Ion Ratio Lower Upper
83 100
85 69.0 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 18.140 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 41 Resp: 11791
Ion Ratio Lower Upper
41 100
69 94.1 84.1 126.1
39 65.3 43.6 65.4





#49

1,4-Dioxane

Concen: 321.435 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

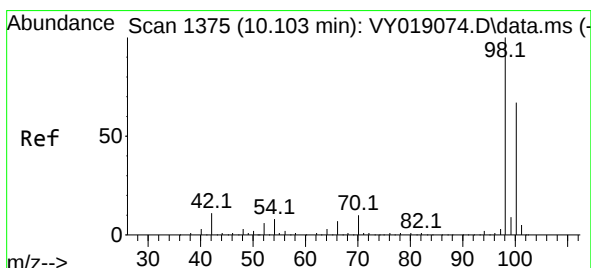
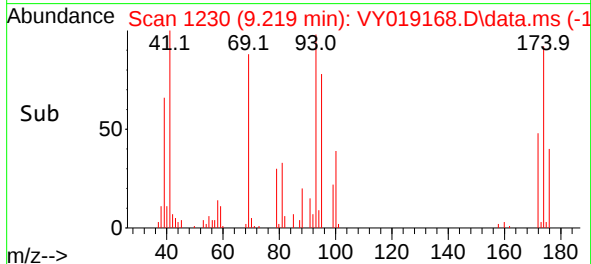
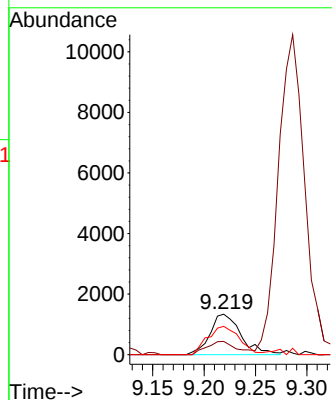
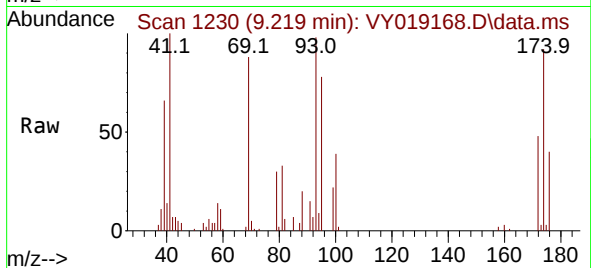
Tgt Ion: 88 Resp: 2809

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 71.6 49.3 73.9



#50

Toluene-d8

Concen: 52.208 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019168.D

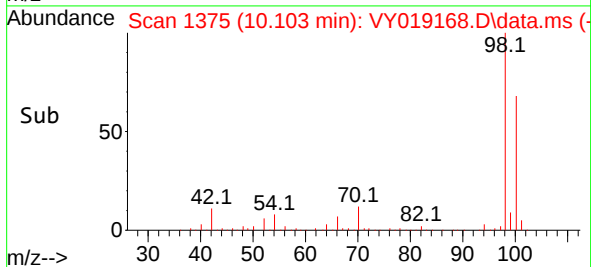
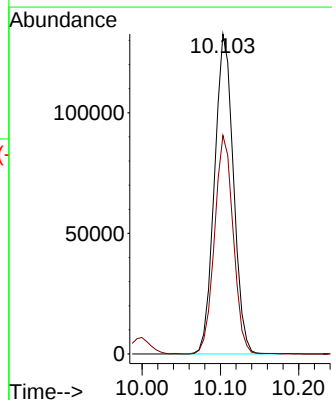
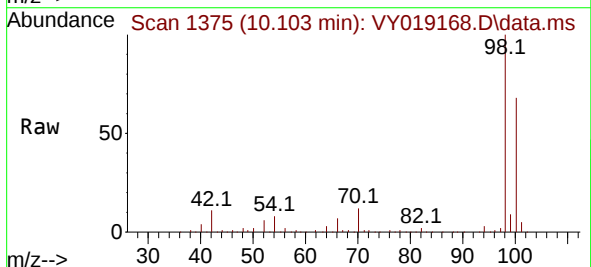
Acq: 21 Aug 2024 14:42

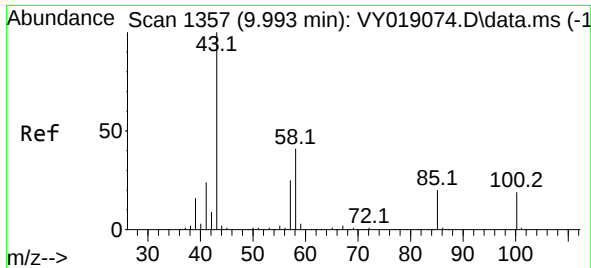
Tgt Ion: 98 Resp: 222706

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0

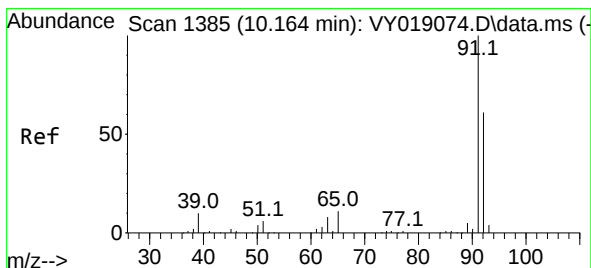
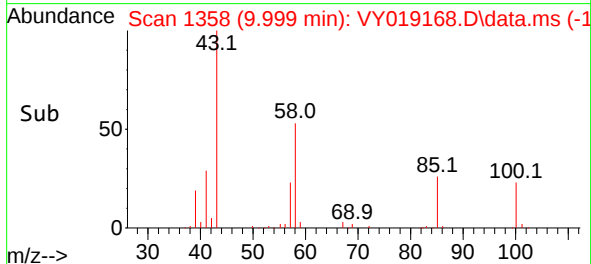
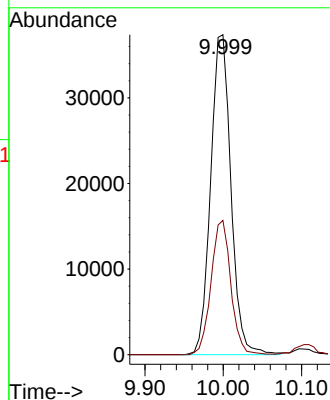
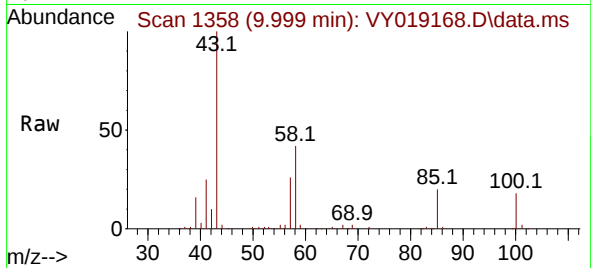




#51
4-Methyl-2-Pentanone
Concen: 86.913 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

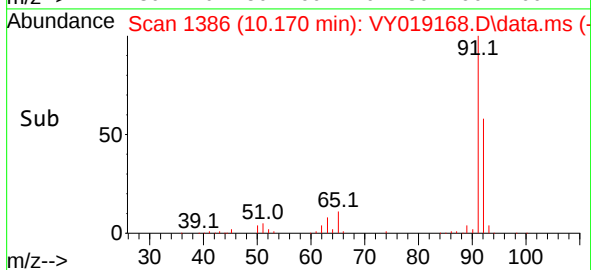
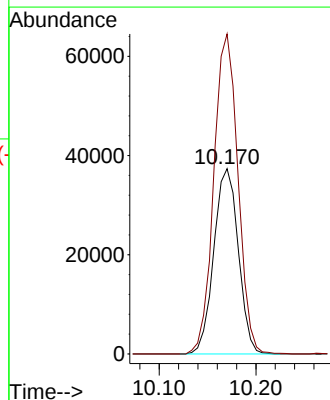
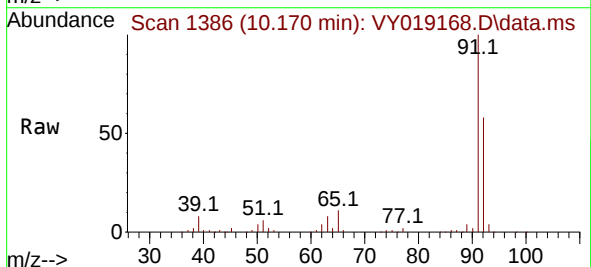
Instrument :
MSVOA_Y
ClientSampleId :

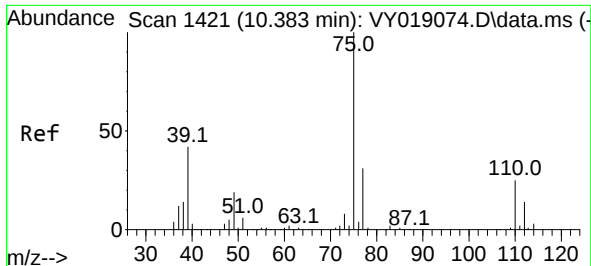
Tgt Ion: 43 Resp: 67279
Ion Ratio Lower Upper
43 100
58 40.9 35.7 53.5



#52
Toluene
Concen: 20.001 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 92 Resp: 65542
Ion Ratio Lower Upper
92 100
91 170.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.852 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

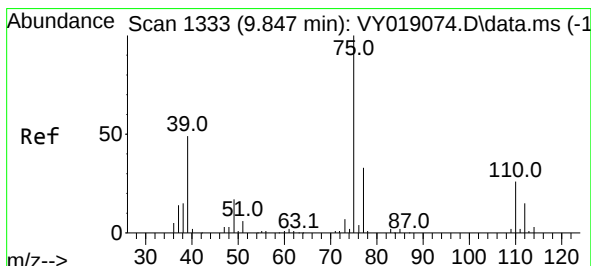
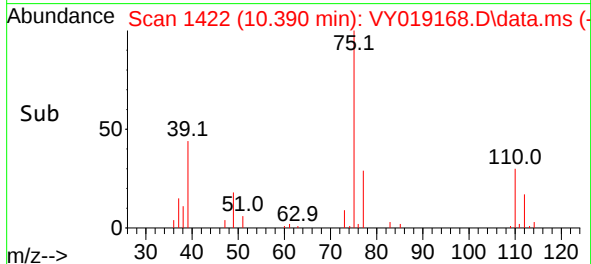
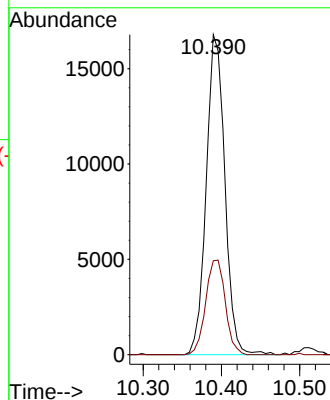
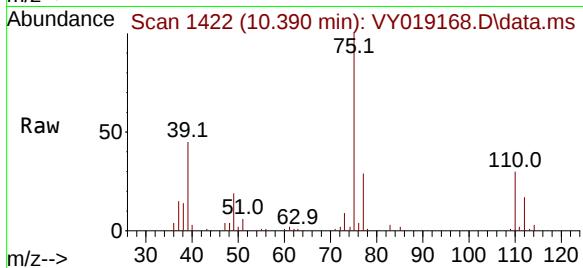
ClientSampleId :

Tgt Ion: 75 Resp: 27678

Ion Ratio Lower Upper

75 100

77 29.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.335 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

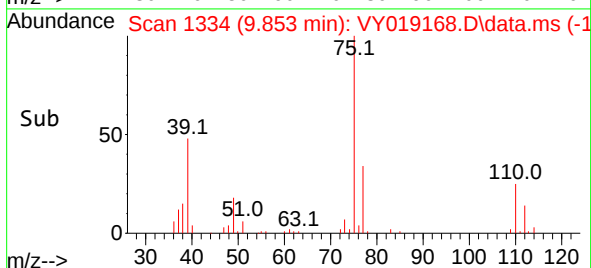
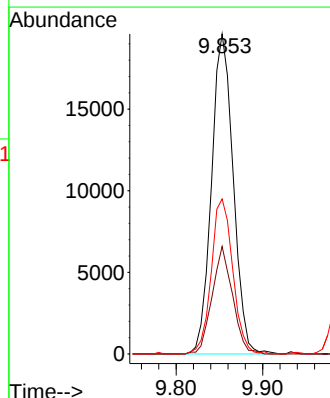
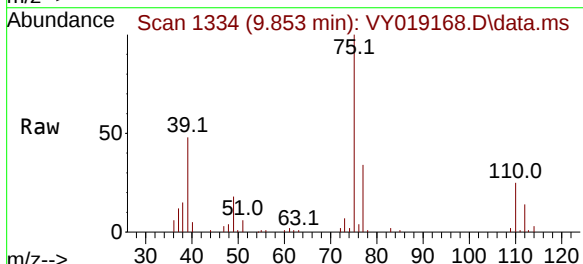
Tgt Ion: 75 Resp: 34139

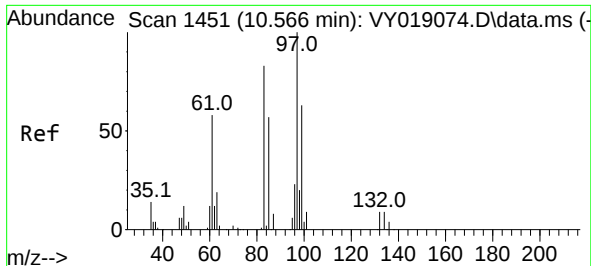
Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.0

39 48.4 29.8 44.6#

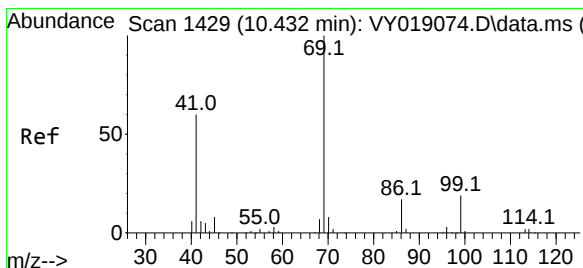
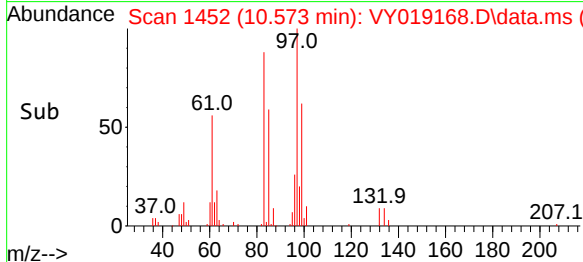
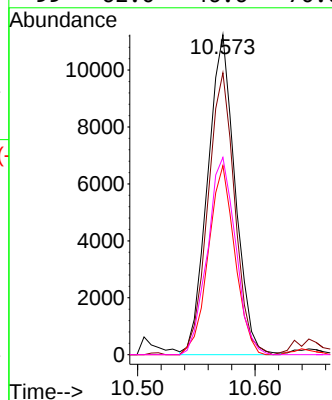
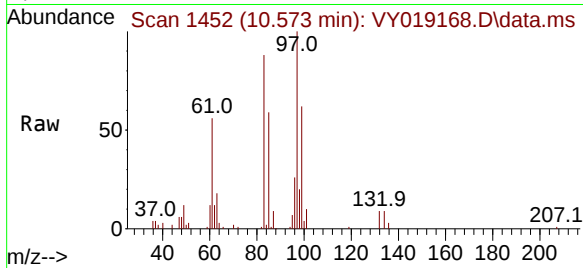




#55
1,1,2-Trichloroethane
Concen: 19.663 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

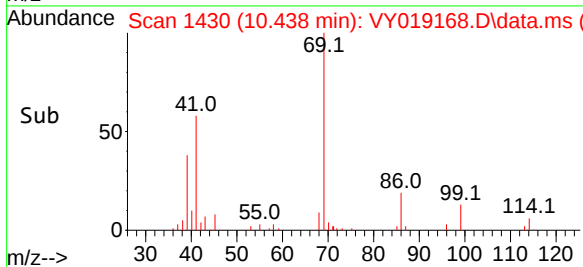
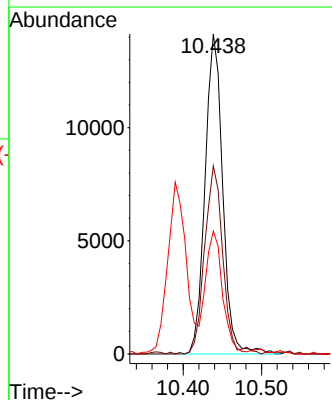
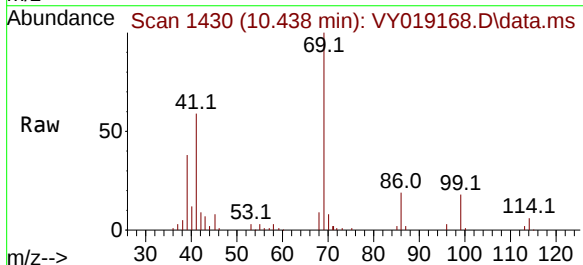
Instrument :
MSVOA_Y
ClientSampleId :

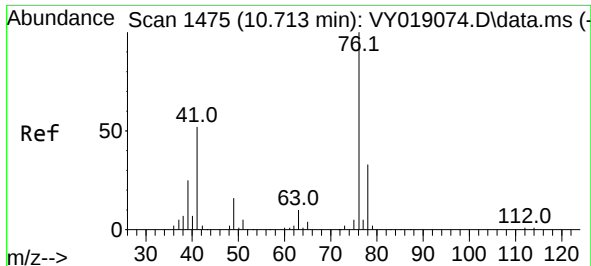
Tgt Ion: 97	Resp: 18261
Ion Ratio	Lower Upper
97 100	
83 88.6	67.5 101.3
85 59.4	42.9 64.3
99 62.0	46.6 70.0



#56
Ethyl methacrylate
Concen: 18.161 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 69	Resp: 22076
Ion Ratio	Lower Upper
69 100	
41 60.5	42.3 63.5
39 35.3	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.982 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

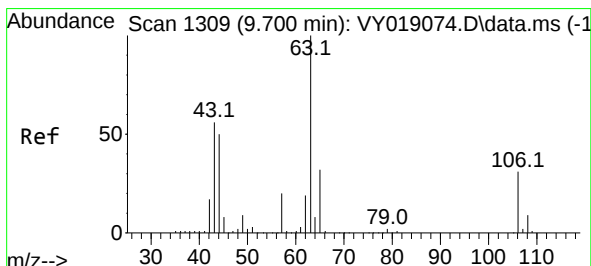
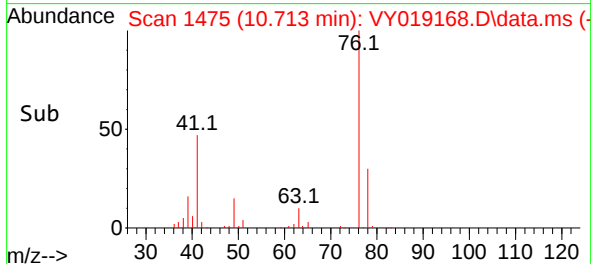
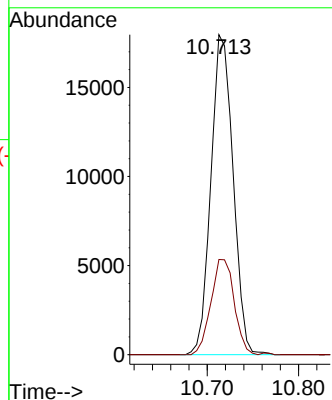
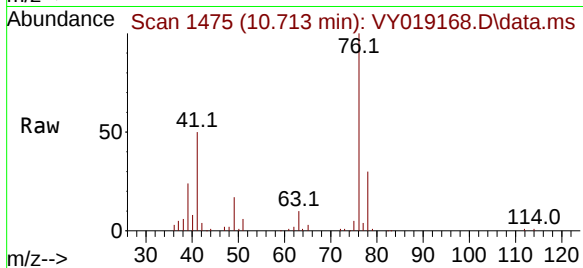
ClientSampleId :

Tgt Ion: 76 Resp: 30251

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.542 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019168.D

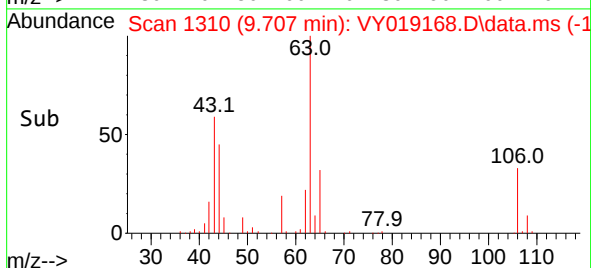
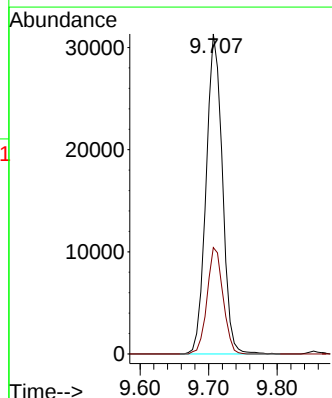
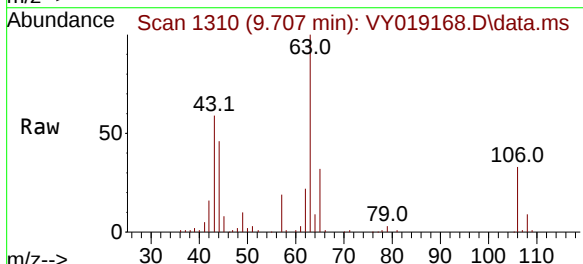
Acq: 21 Aug 2024 14:42

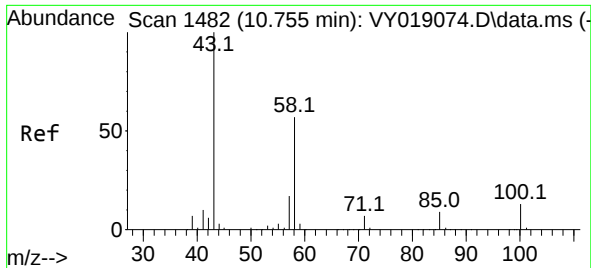
Tgt Ion: 63 Resp: 51636

Ion Ratio Lower Upper

63 100

106 32.6 23.7 35.5

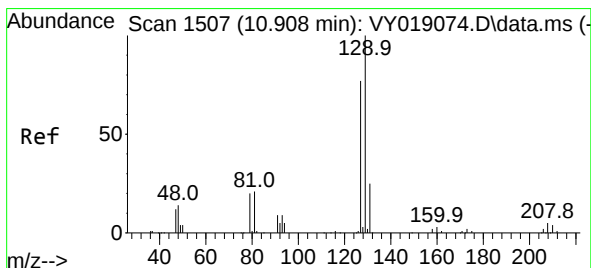
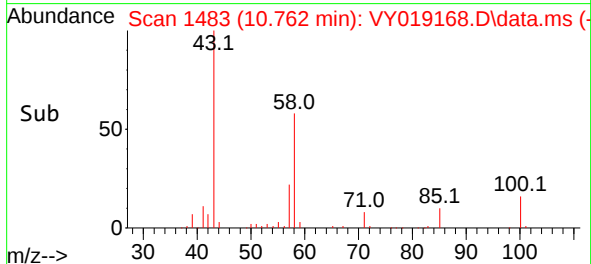
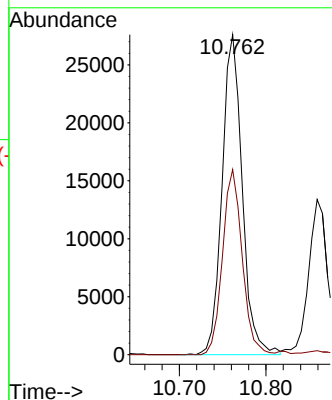
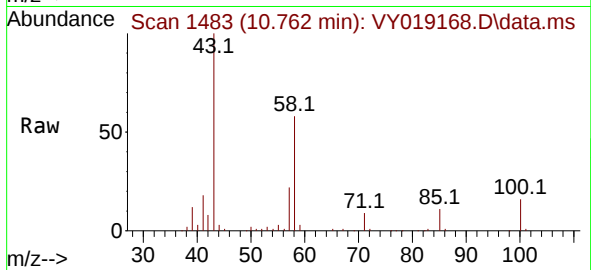




#59
2-Hexanone
Concen: 83.778 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

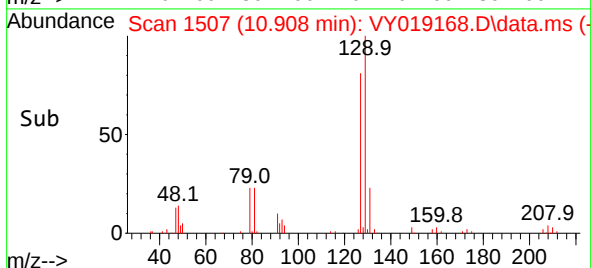
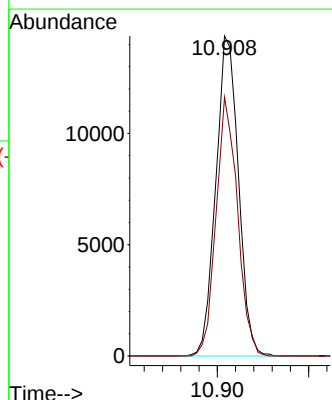
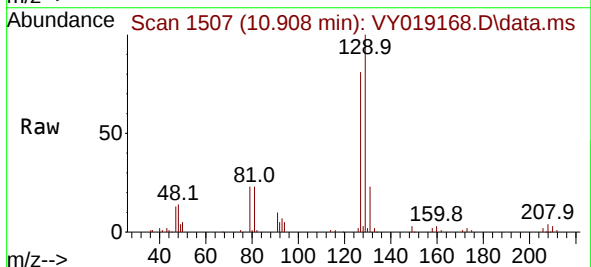
Instrument :
MSVOA_Y
ClientSampleId :

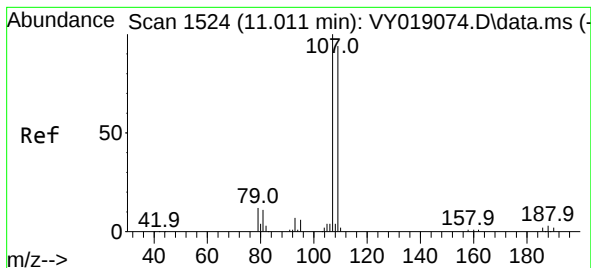
Tgt Ion: 43 Resp: 44555
Ion Ratio Lower Upper
43 100
58 56.6 31.4 94.0



#60
Dibromochloromethane
Concen: 19.564 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 129 Resp: 24747
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

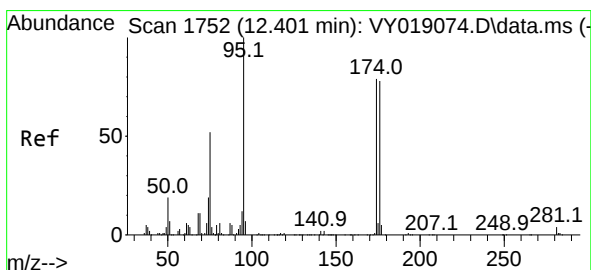
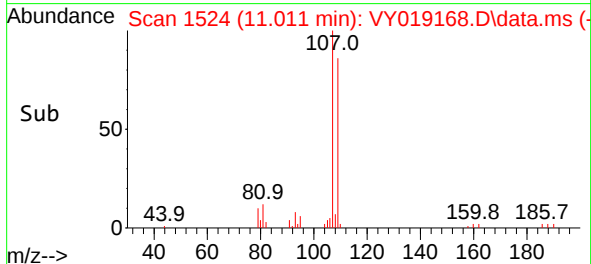
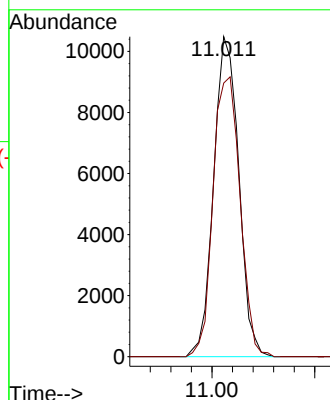
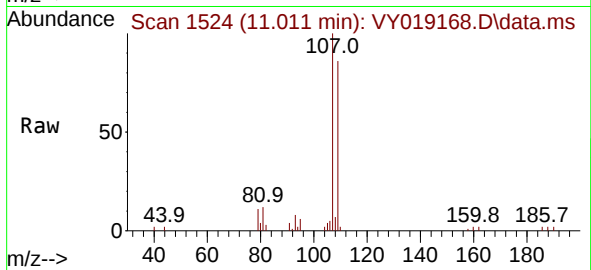




#61
1,2-Dibromoethane
Concen: 19.790 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

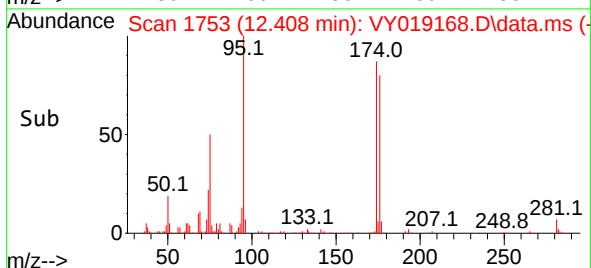
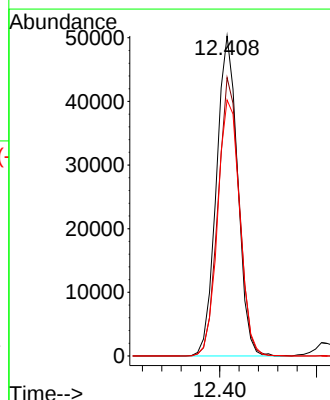
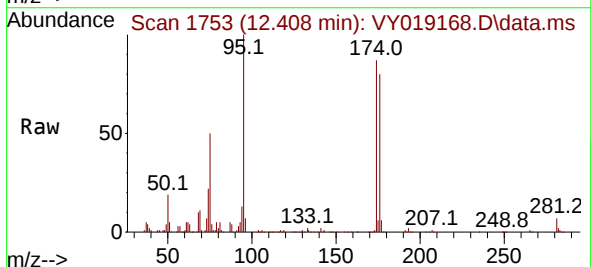
Instrument :
MSVOA_Y
ClientSampleId :

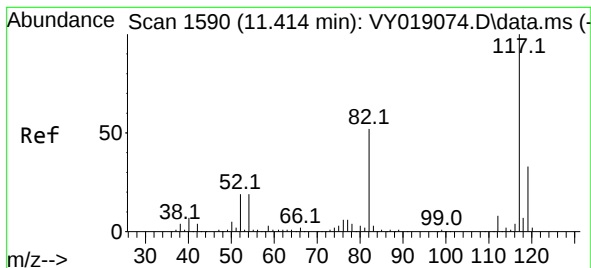
Tgt Ion:107 Resp: 17764
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.561 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 95 Resp: 76433
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 83.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

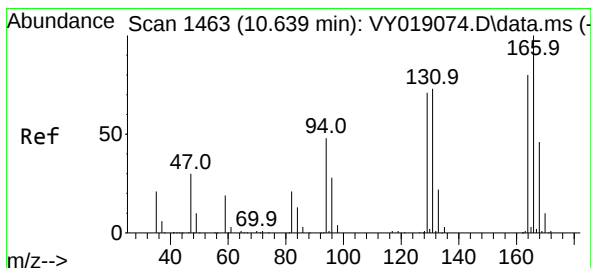
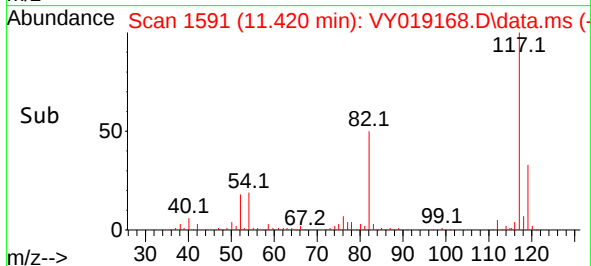
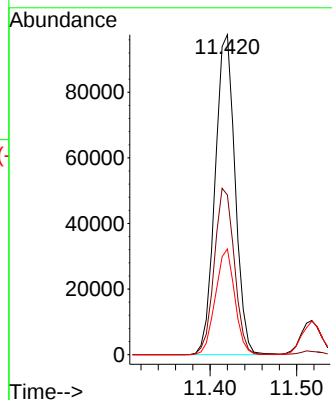
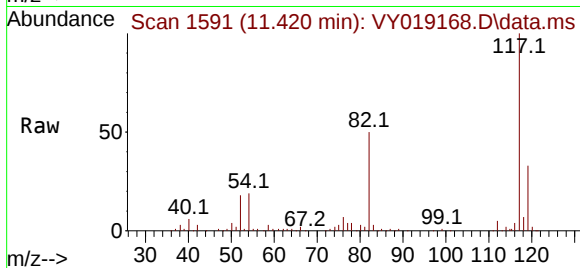
Tgt Ion:117 Resp: 156220

Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 33.1 25.9 38.9



#64

Tetrachloroethene

Concen: 19.909 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Tgt Ion:164 Resp: 27186

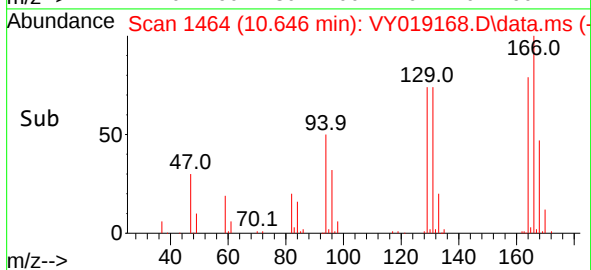
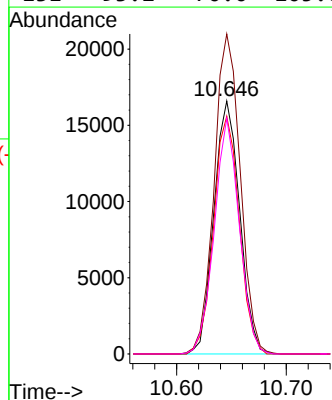
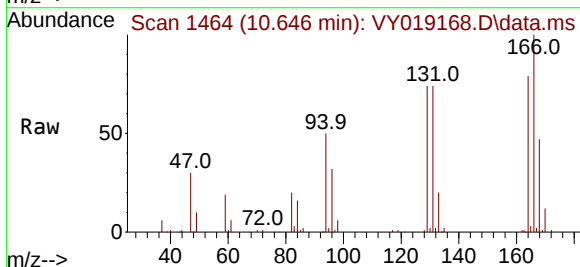
Ion Ratio Lower Upper

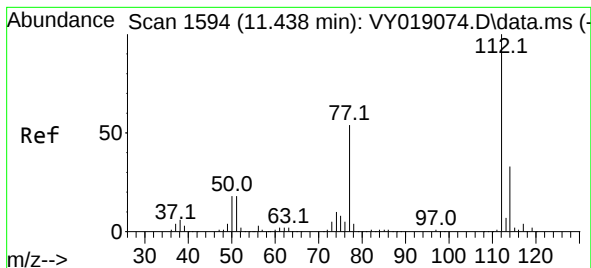
164 100

166 126.5 102.6 154.0

129 94.0 72.0 108.0

131 93.2 70.0 105.0





#65

Chlorobenzene

Concen: 20.041 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

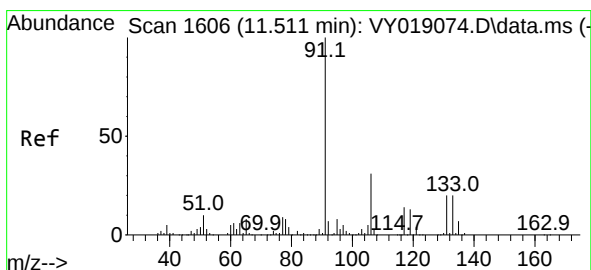
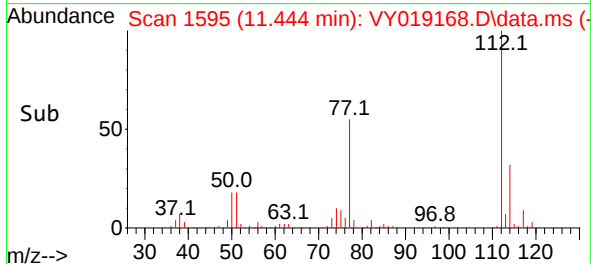
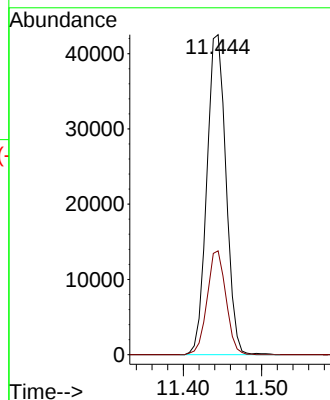
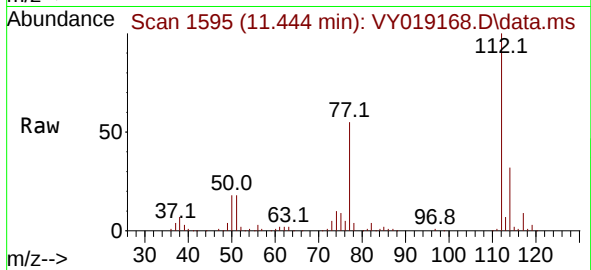
ClientSampleId :

Tgt Ion:112 Resp: 72089

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.613 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

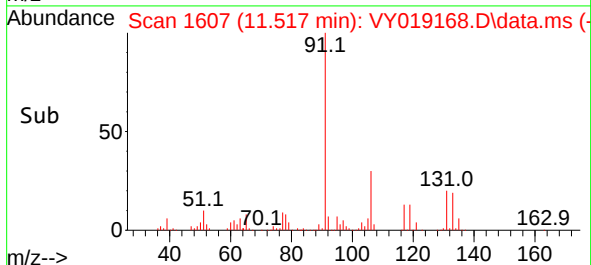
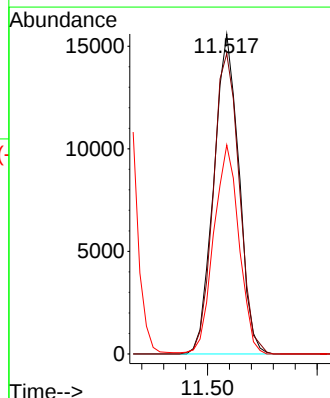
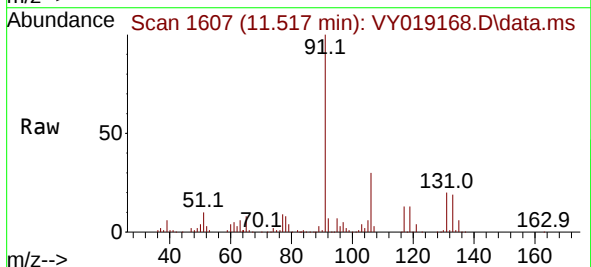
Tgt Ion:131 Resp: 24810

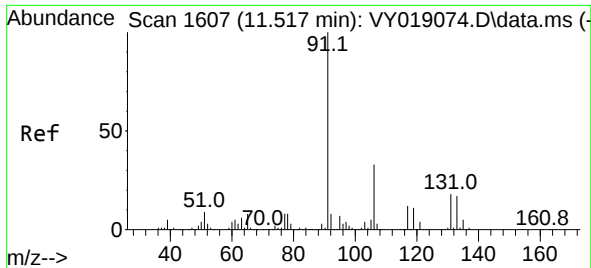
Ion Ratio Lower Upper

131 100

133 97.2 47.8 143.3

119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 19.569 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

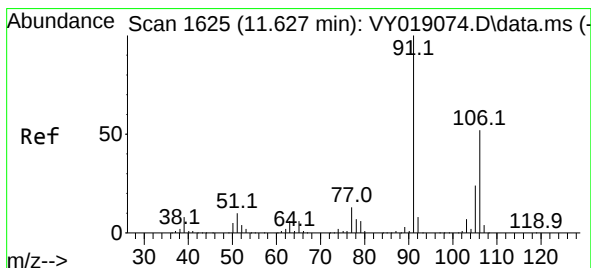
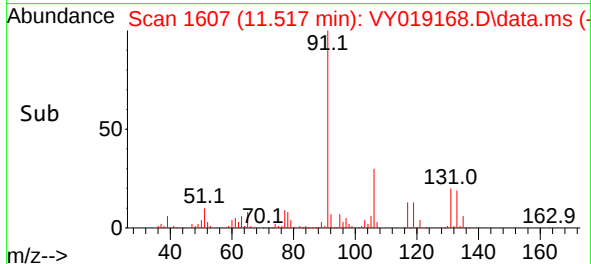
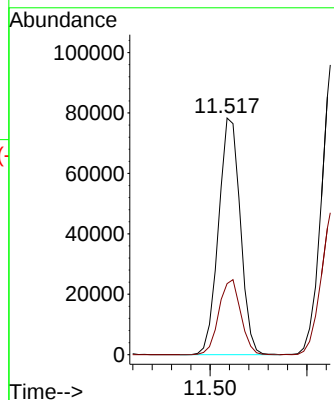
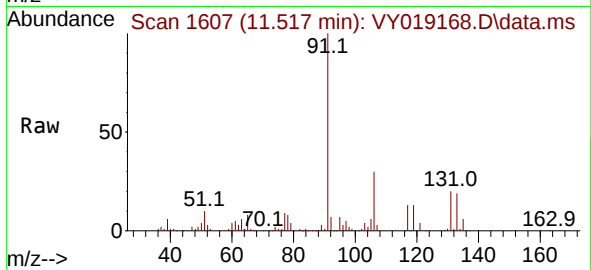
ClientSampleId :

Tgt Ion: 91 Resp: 122176

Ion Ratio Lower Upper

91 100

106 30.0 24.5 36.7



#68

m/p-Xylenes

Concen: 39.221 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019168.D

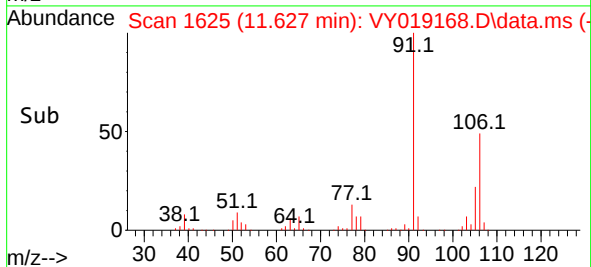
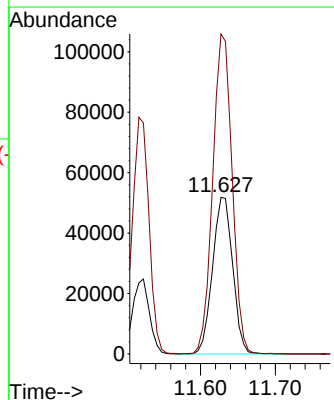
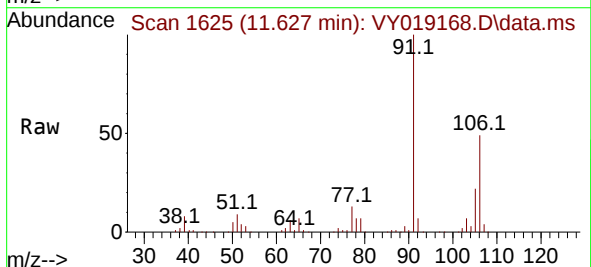
Acq: 21 Aug 2024 14:42

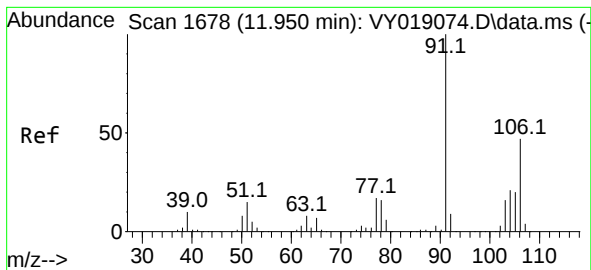
Tgt Ion:106 Resp: 97164

Ion Ratio Lower Upper

106 100

91 197.2 156.0 234.0





#69

o-Xylene

Concen: 20.502 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

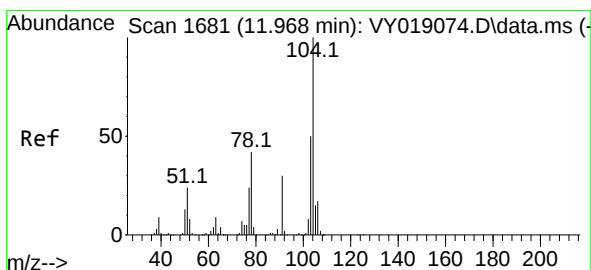
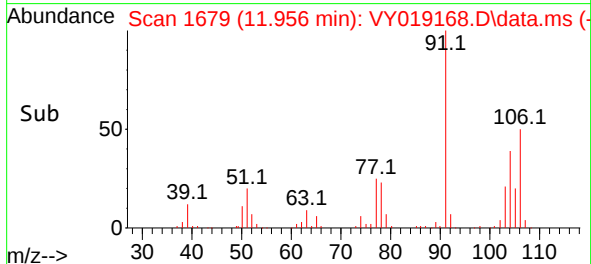
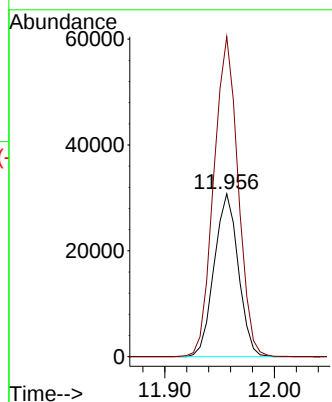
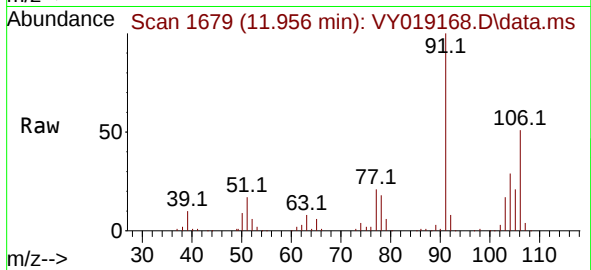
ClientSampleId :

Tgt Ion:106 Resp: 47034

Ion Ratio Lower Upper

106 100

91 198.3 103.6 310.8



#70

Styrene

Concen: 20.094 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

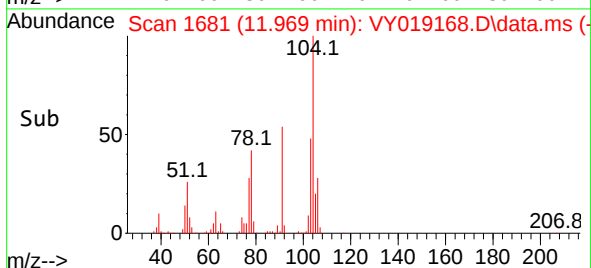
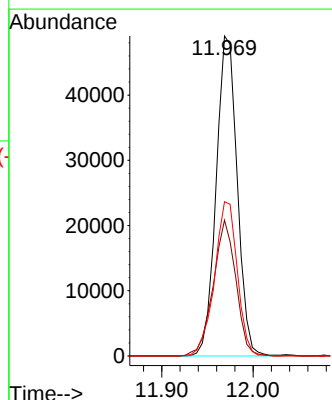
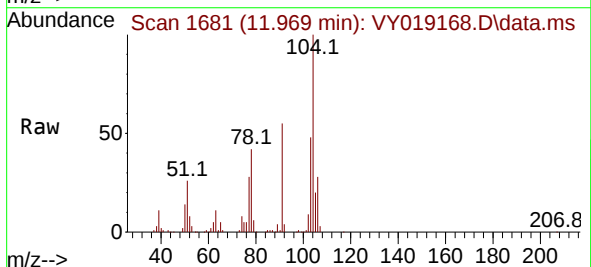
Tgt Ion:104 Resp: 78611

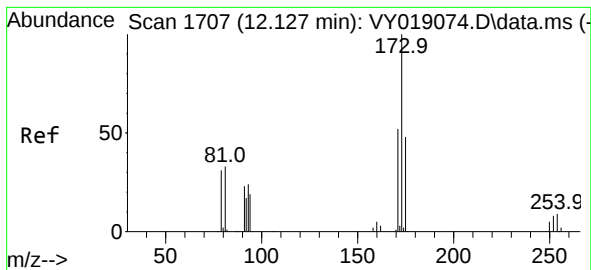
Ion Ratio Lower Upper

104 100

78 45.5 37.0 55.4

103 52.2 44.2 66.2





#71

Bromoform

Concen: 18.666 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

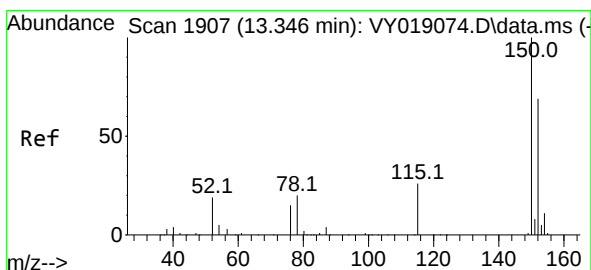
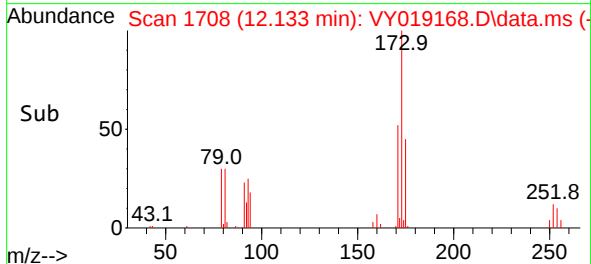
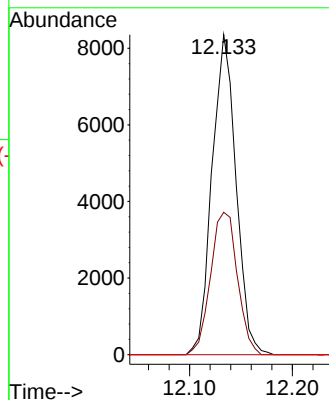
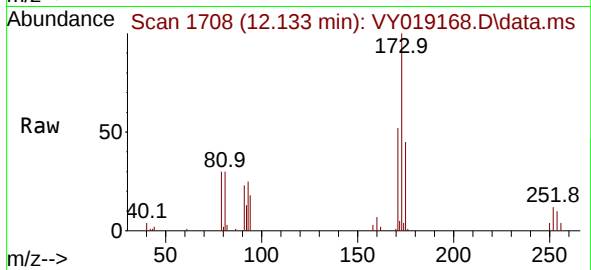
Tgt Ion:173 Resp: 13498

Ion Ratio Lower Upper

173 100

175 50.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

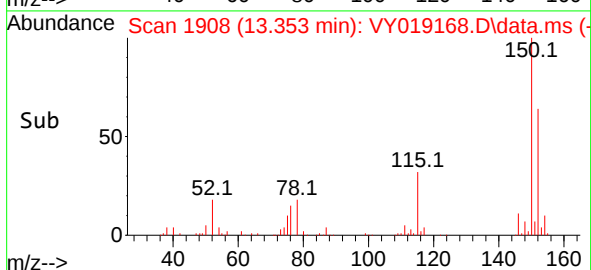
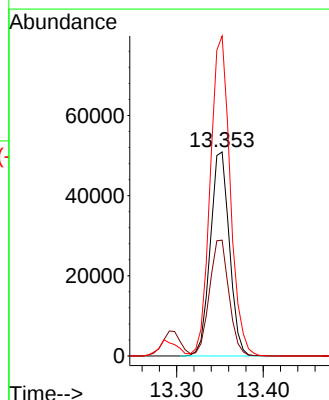
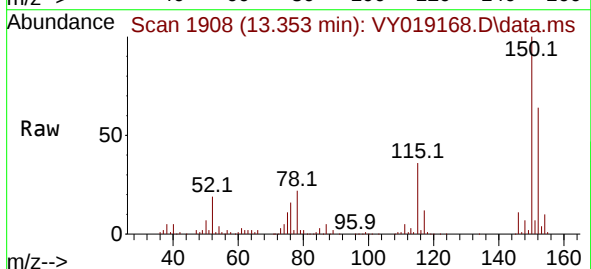
Tgt Ion:152 Resp: 77925

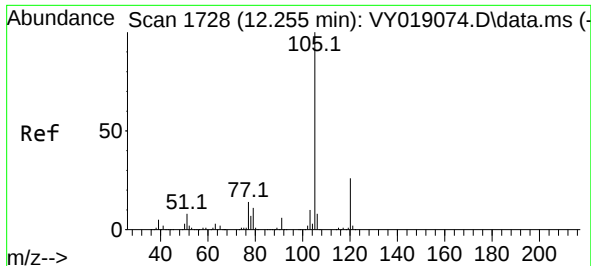
Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

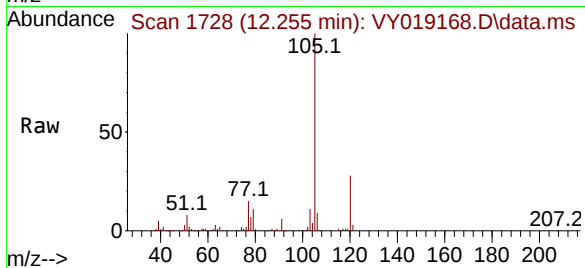
150 163.5 0.0 345.6



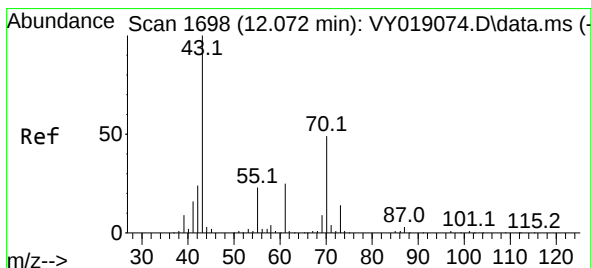
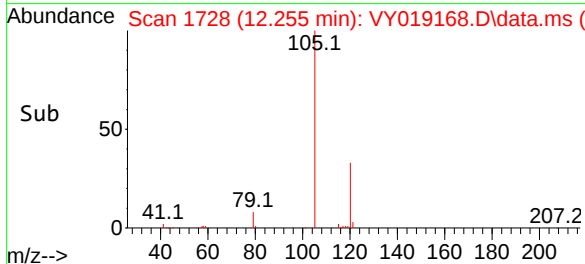
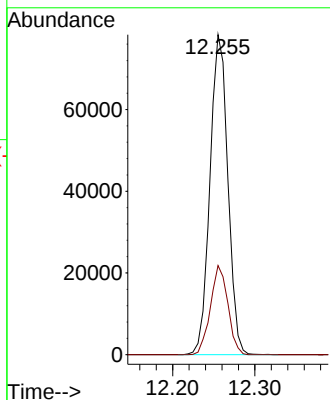


#73
Isopropylbenzene
Concen: 19.837 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Instrument :
MSVOA_Y
ClientSampleId :

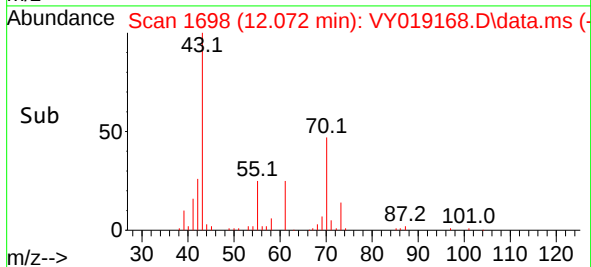
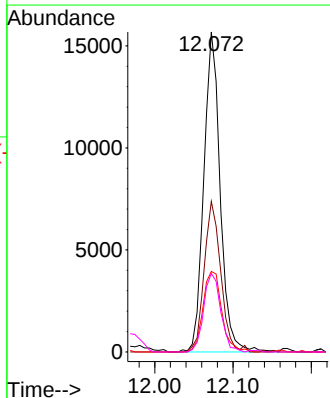
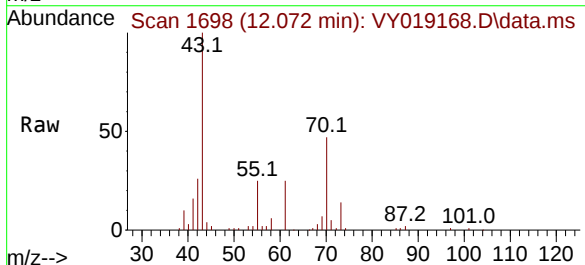


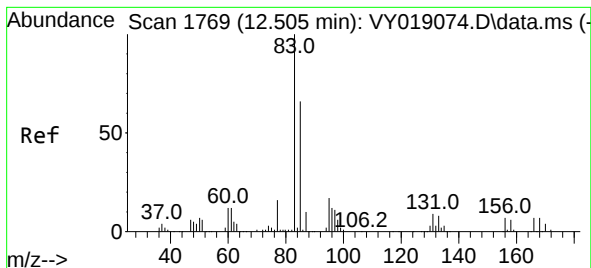
Tgt Ion:105 Resp: 118475
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 17.479 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 43 Resp: 22764
Ion Ratio Lower Upper
43 100
70 47.5 41.4 62.2
55 28.7 23.3 34.9
61 25.5 22.6 33.8

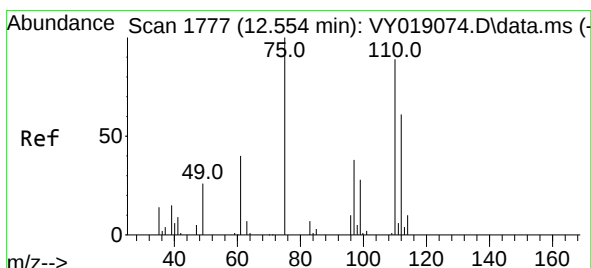
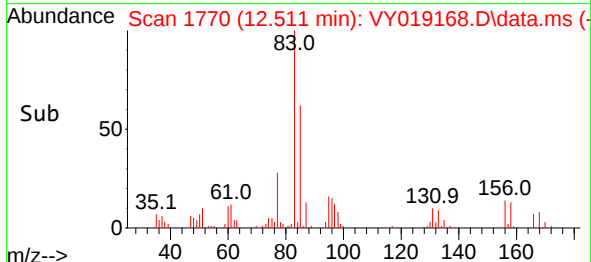
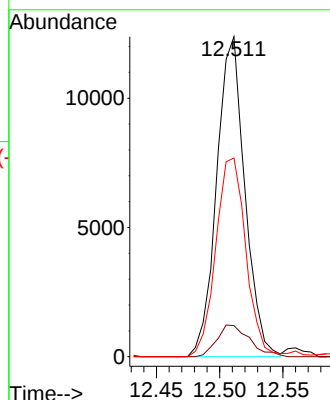
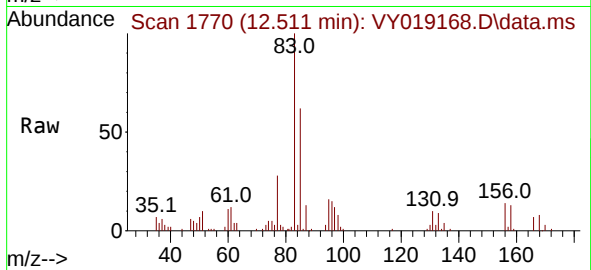




#75
1,1,2,2-Tetrachloroethane
Concen: 18.027 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

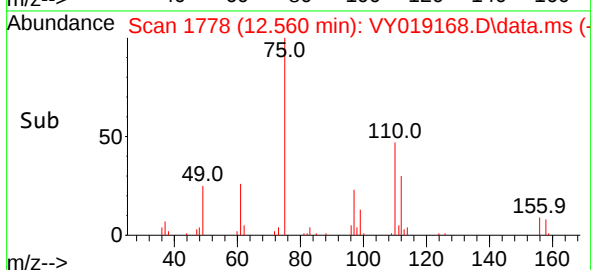
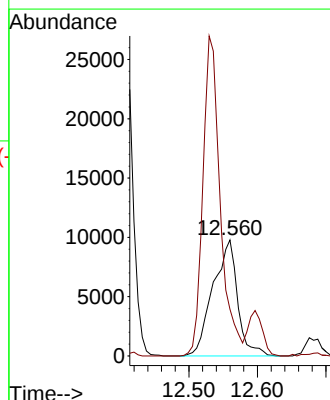
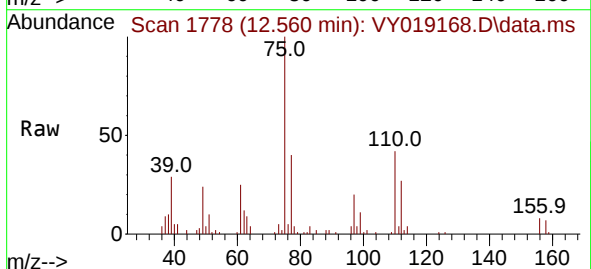
Instrument :
MSVOA_Y
ClientSampleId :

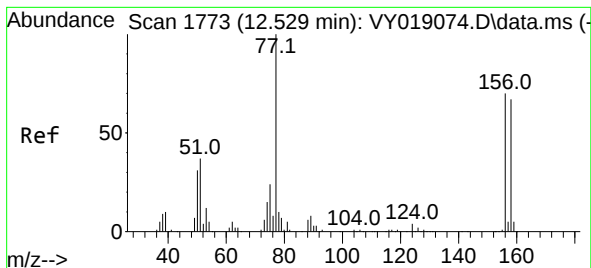
Tgt Ion: 83 Resp: 19168
Ion Ratio Lower Upper
83 100
131 11.5 5.0 14.9
85 66.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 31.809 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 75 Resp: 24445
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.180 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

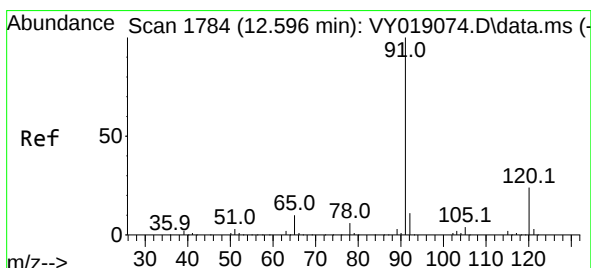
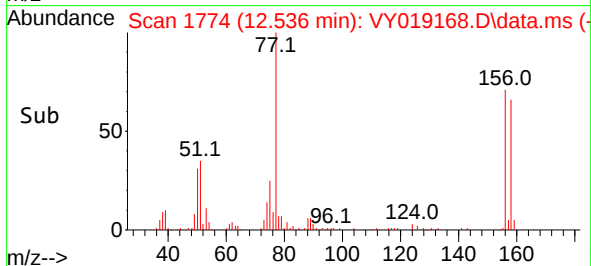
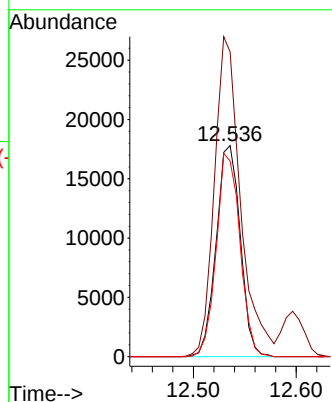
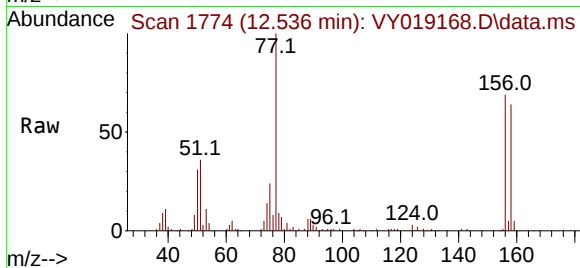
Tgt Ion:156 Resp: 28945

Ion Ratio Lower Upper

156 100

77 164.7 87.1 261.3

158 94.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.795 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019168.D

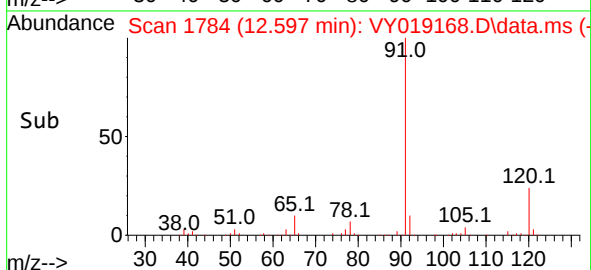
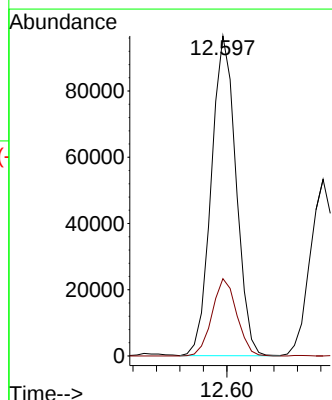
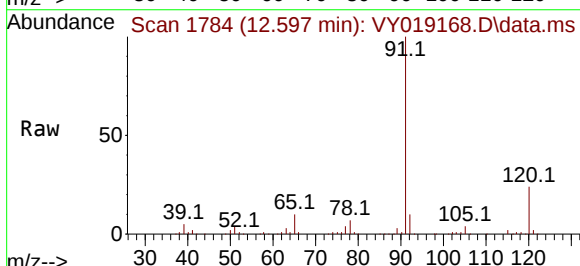
Acq: 21 Aug 2024 14:42

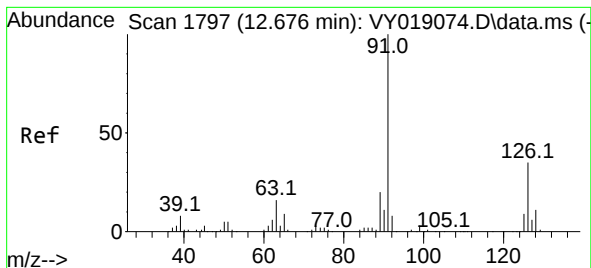
Tgt Ion: 91 Resp: 141333

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.014 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

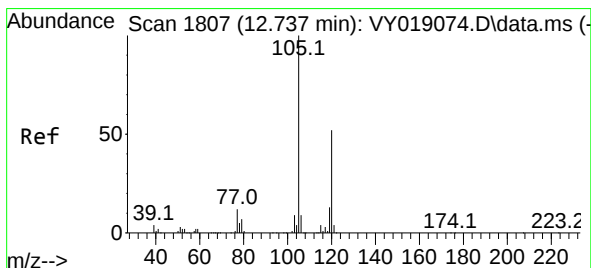
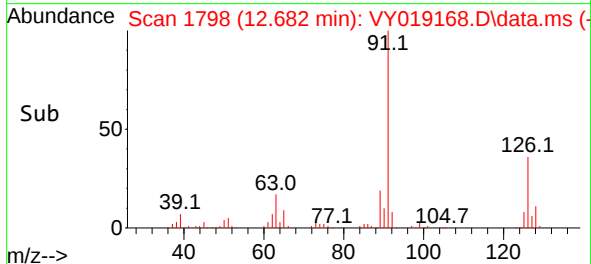
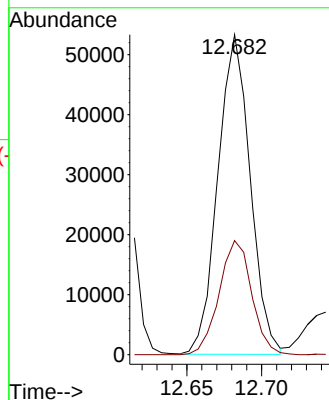
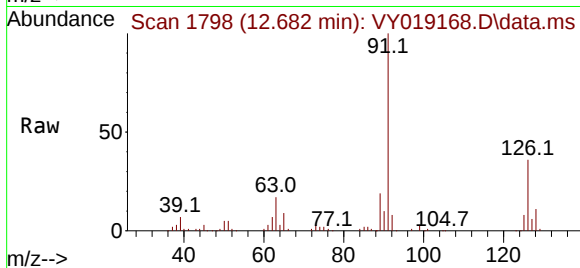
ClientSampleId :

Tgt Ion: 91 Resp: 80113

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.089 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019168.D

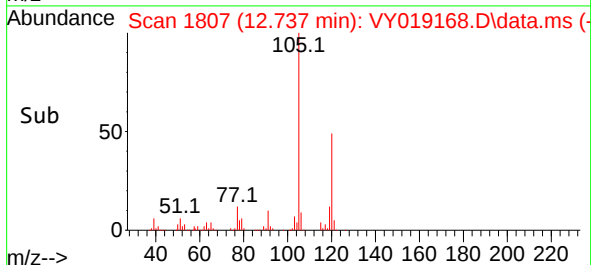
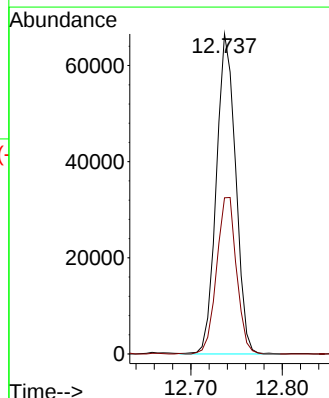
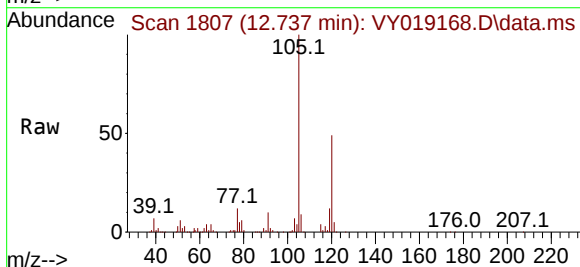
Acq: 21 Aug 2024 14:42

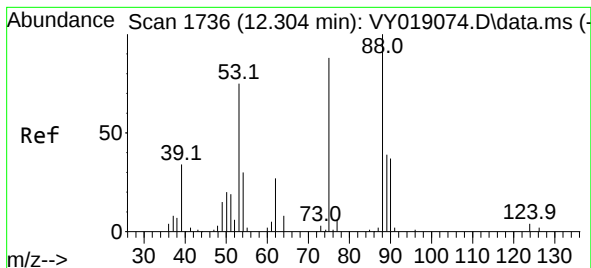
Tgt Ion:105 Resp: 97743

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

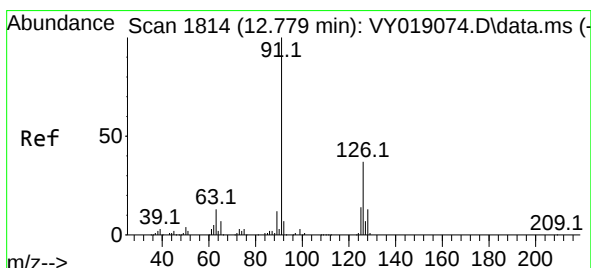
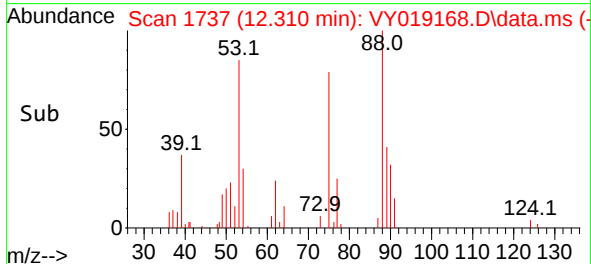
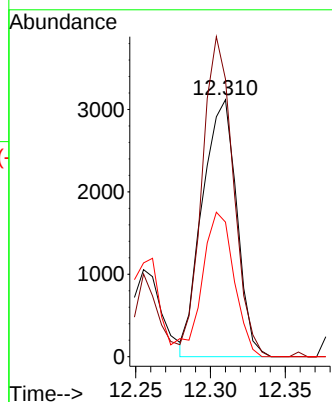
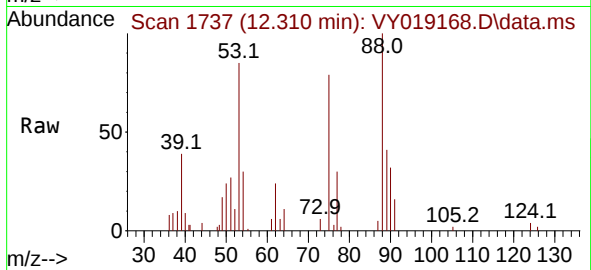




#81
trans-1,4-Dichloro-2-butene
Concen: 16.011 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

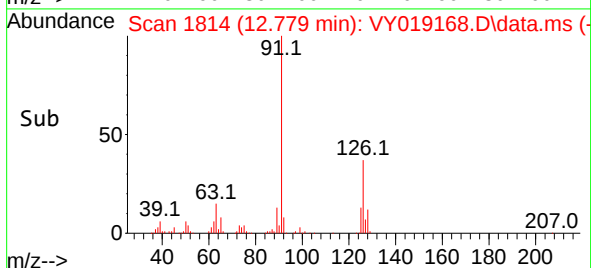
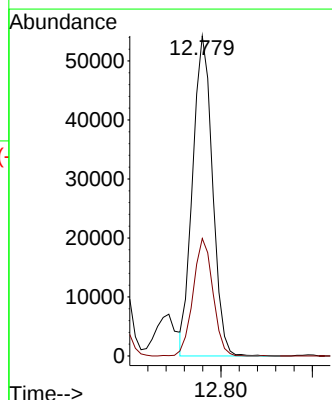
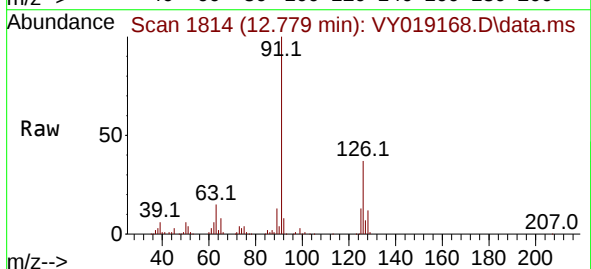
Instrument :
MSVOA_Y
ClientSampleId :

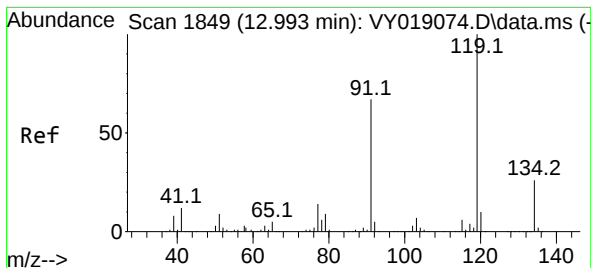
Tgt Ion: 75 Resp: 4982
Ion Ratio Lower Upper
75 100
53 112.8 66.8 100.2#
89 49.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.626 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 91 Resp: 81735
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.219 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

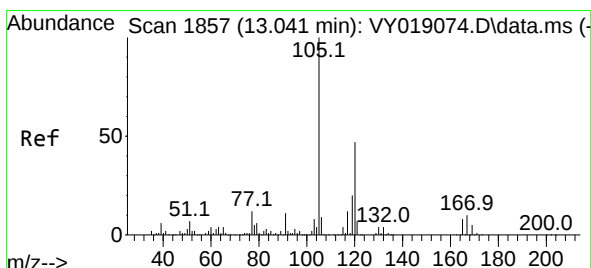
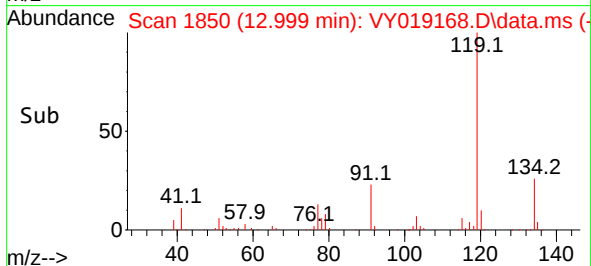
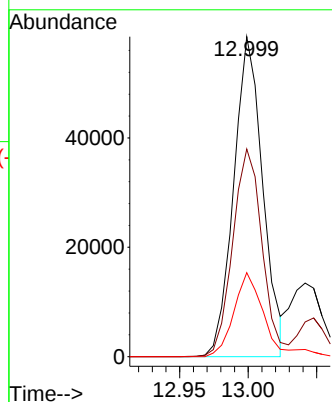
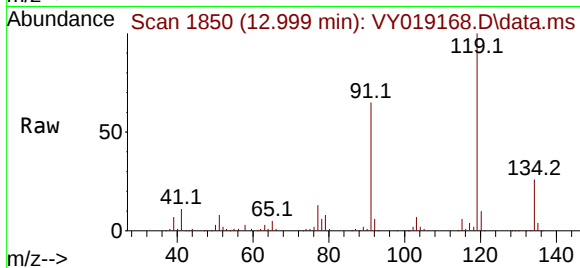
Tgt Ion:119 Resp: 86357

Ion Ratio Lower Upper

119 100

91 66.0 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.099 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019168.D

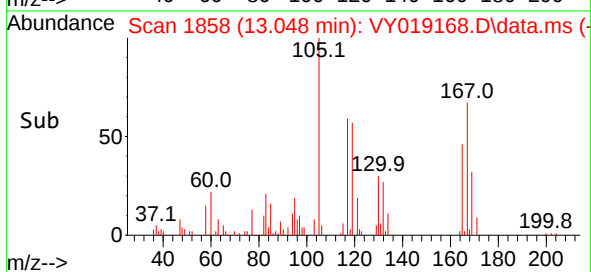
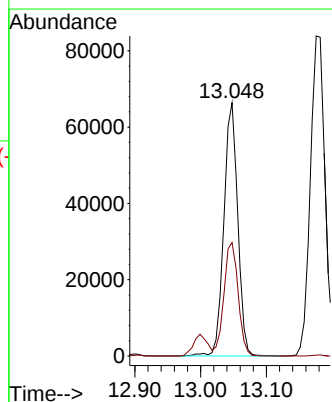
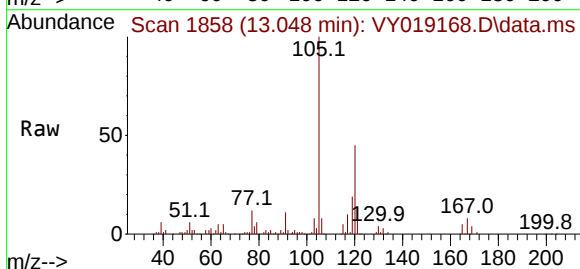
Acq: 21 Aug 2024 14:42

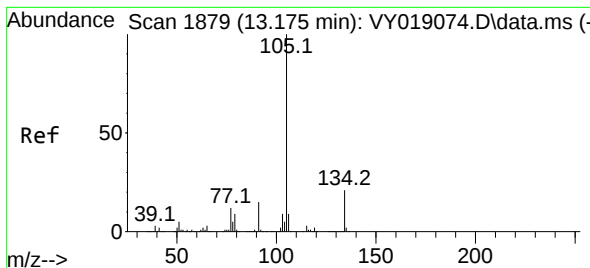
Tgt Ion:105 Resp: 97467

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.745 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

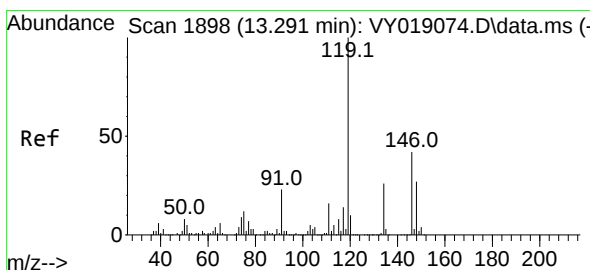
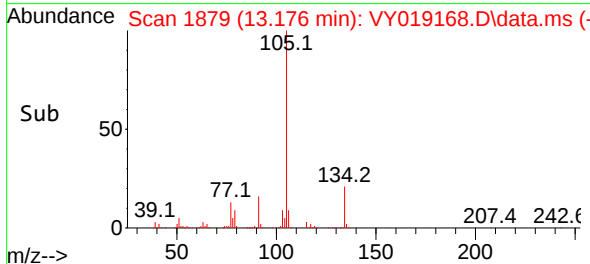
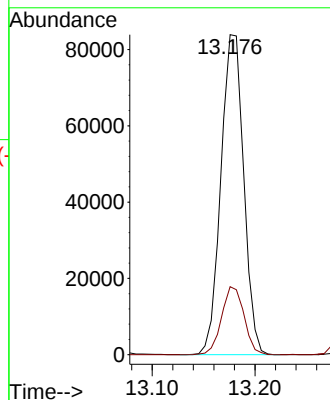
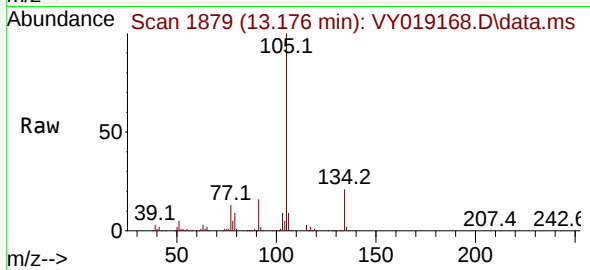
ClientSampleId :

Tgt Ion:105 Resp: 129285

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.841 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

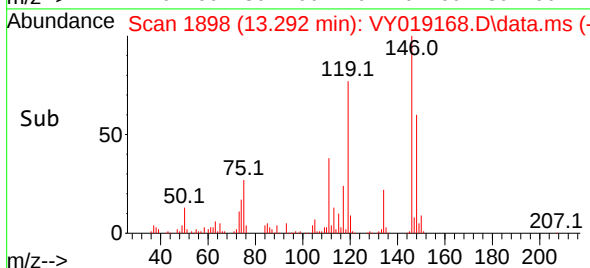
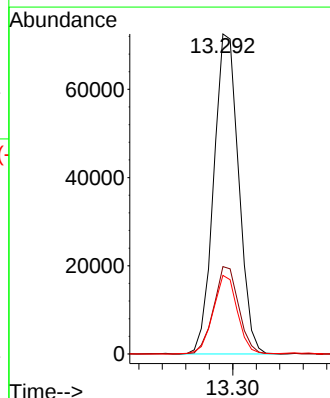
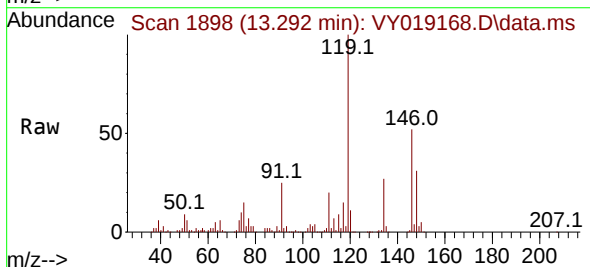
Tgt Ion:119 Resp: 106711

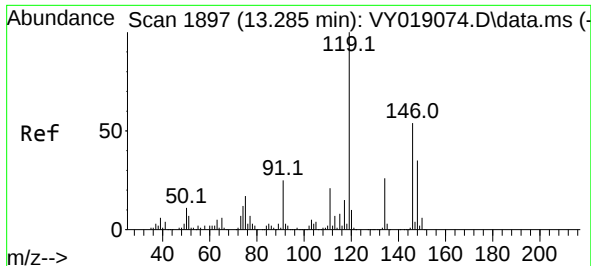
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 24.0 10.7 32.1

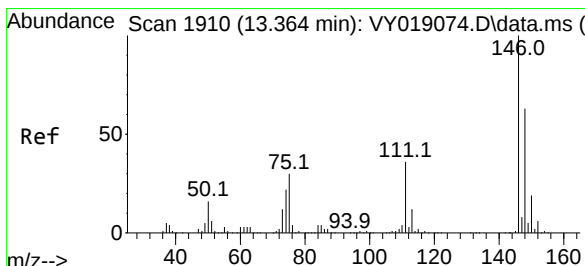
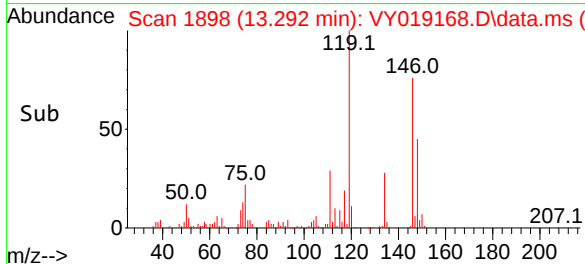
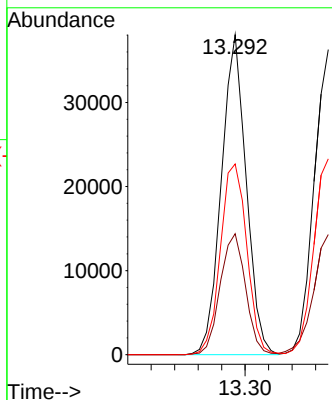
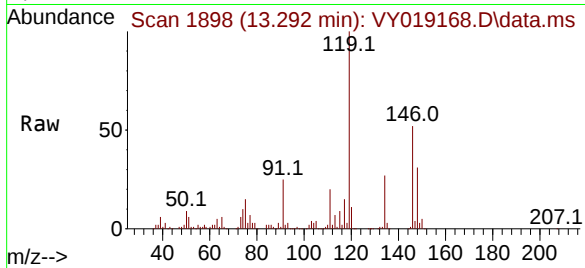




#87
1,3-Dichlorobenzene
Concen: 19.757 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

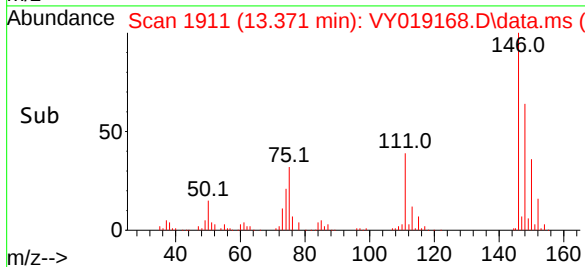
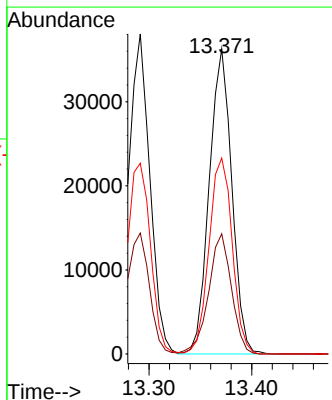
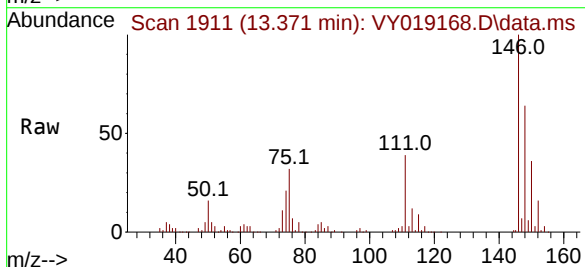
Instrument :
MSVOA_Y
ClientSampleId :

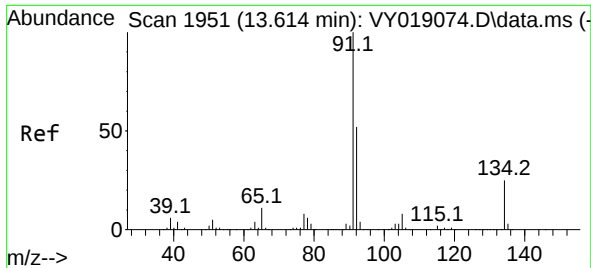
Tgt Ion:146 Resp: 55887
Ion Ratio Lower Upper
146 100
111 38.8 19.0 57.0
148 63.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.652 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion:146 Resp: 55259
Ion Ratio Lower Upper
146 100
111 40.0 18.4 55.4
148 66.1 32.4 97.2

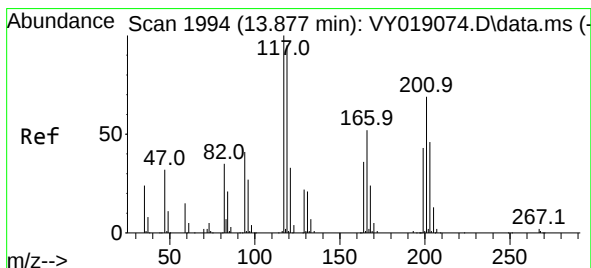
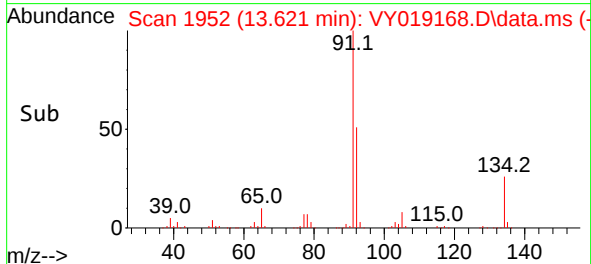
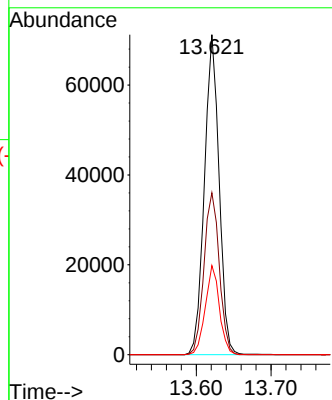
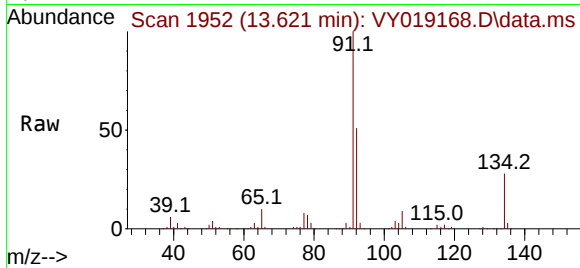




#89
n-Butylbenzene
Concen: 19.812 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

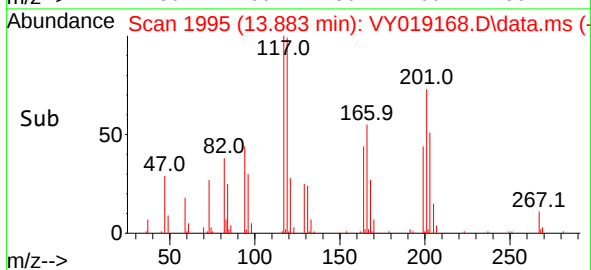
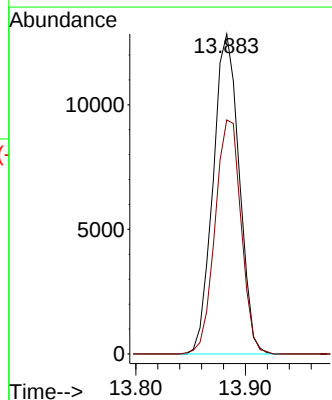
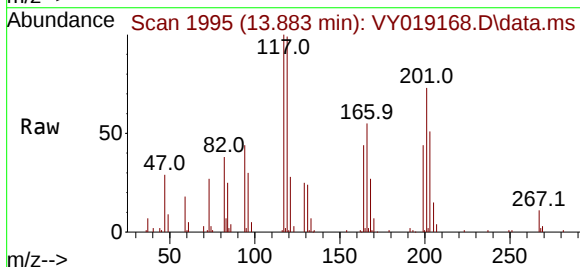
Instrument :
MSVOA_Y
ClientSampleId :

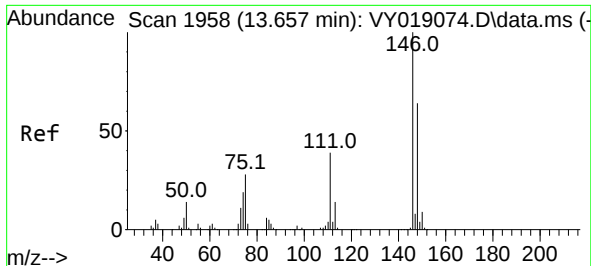
Tgt Ion: 91 Resp: 97150
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 26.8 12.9 38.7



#90
Hexachloroethane
Concen: 20.049 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY019168.D
Acq: 21 Aug 2024 14:42

Tgt Ion: 117 Resp: 21254
Ion Ratio Lower Upper
117 100
201 73.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.089 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

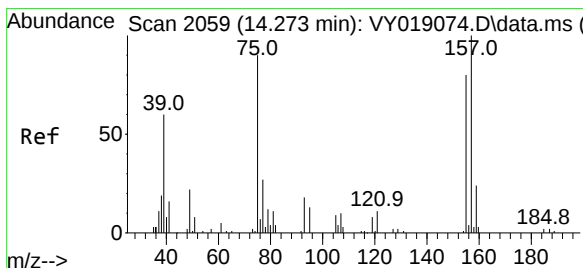
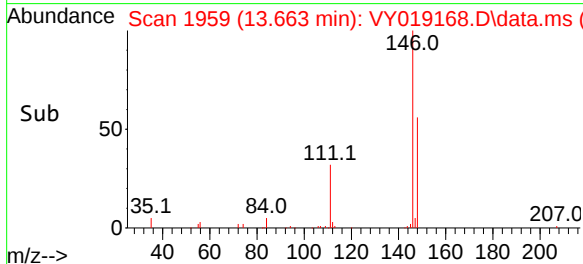
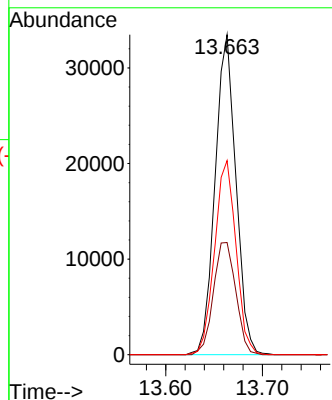
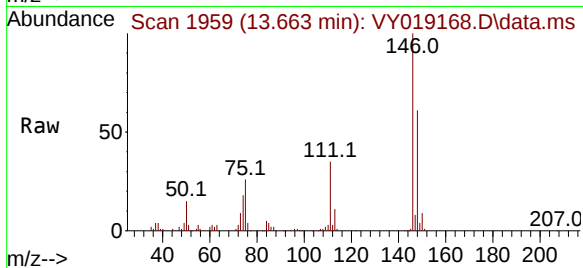
Tgt Ion:146 Resp: 49979

Ion Ratio Lower Upper

146 100

111 37.7 19.9 59.7

148 62.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.447 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

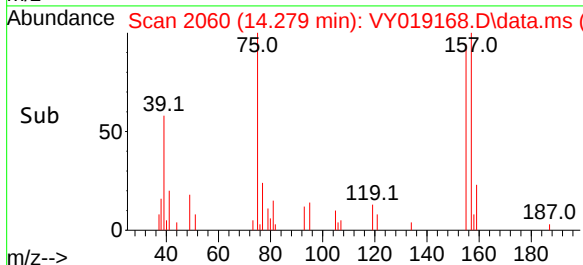
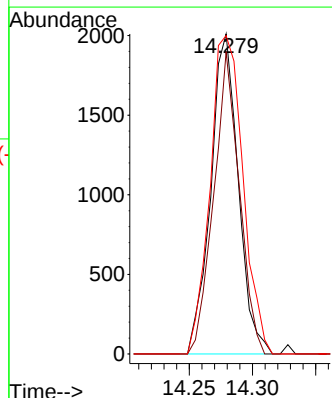
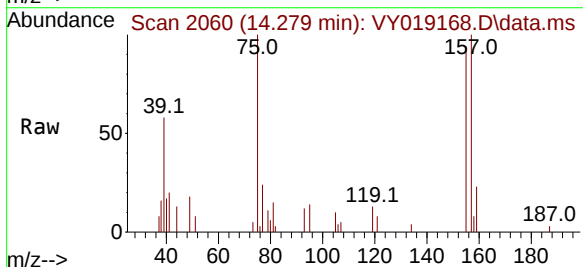
Tgt Ion: 75 Resp: 3042

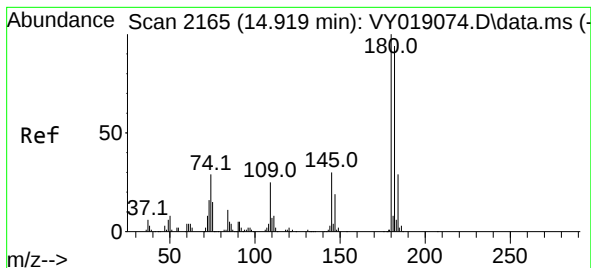
Ion Ratio Lower Upper

75 100

155 87.7 48.6 145.8

157 118.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.017 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

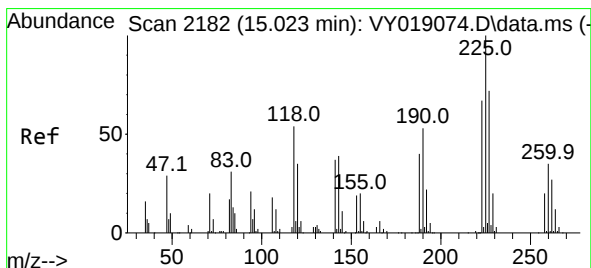
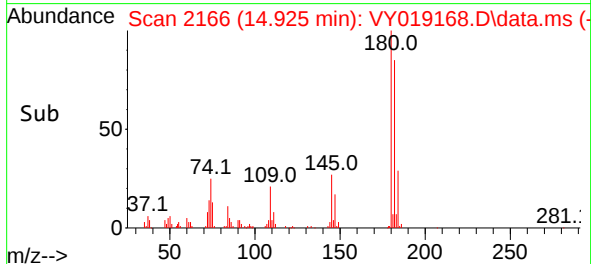
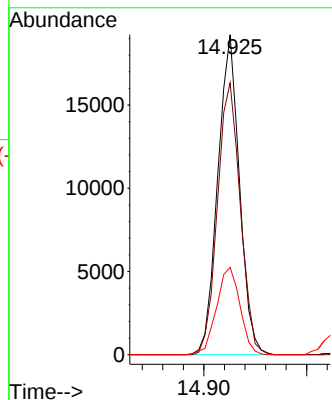
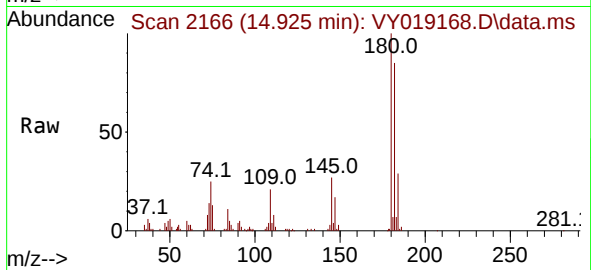
Tgt Ion:180 Resp: 28084

Ion Ratio Lower Upper

180 100

182 89.4 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.775 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

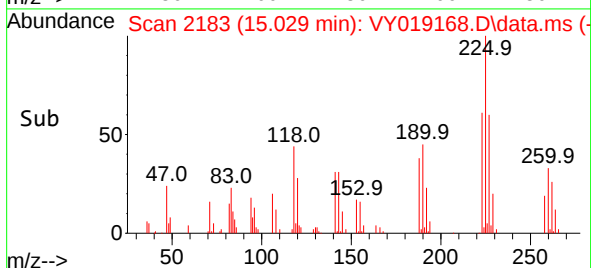
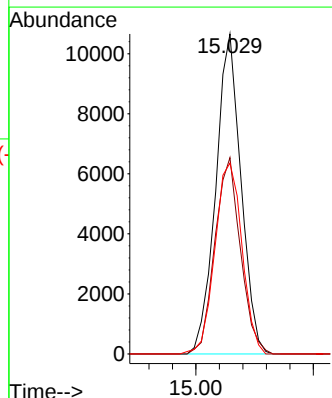
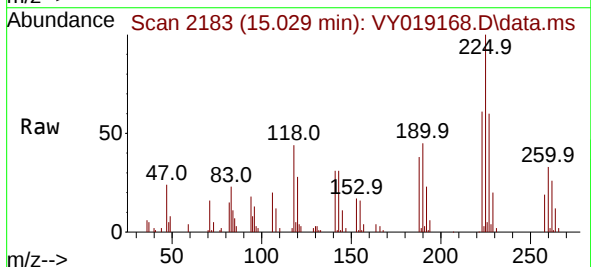
Tgt Ion:225 Resp: 15913

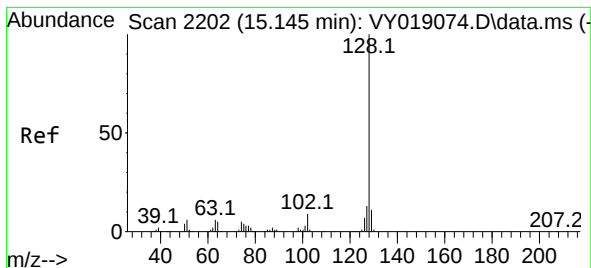
Ion Ratio Lower Upper

225 100

223 62.2 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 17.228 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019168.D

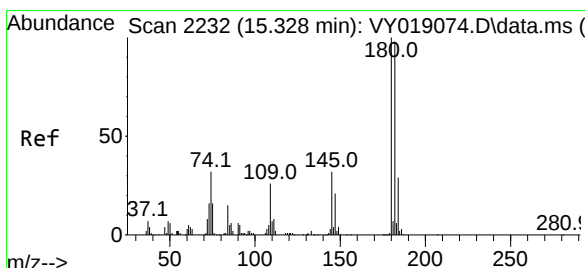
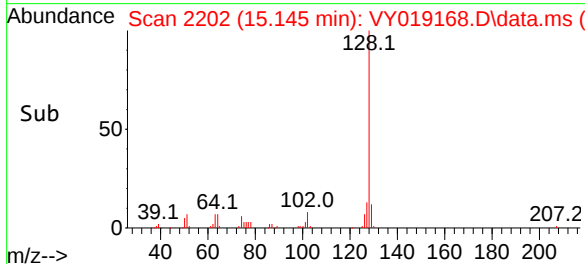
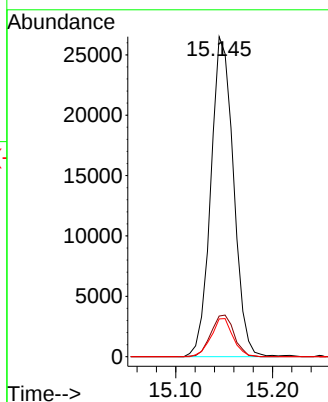
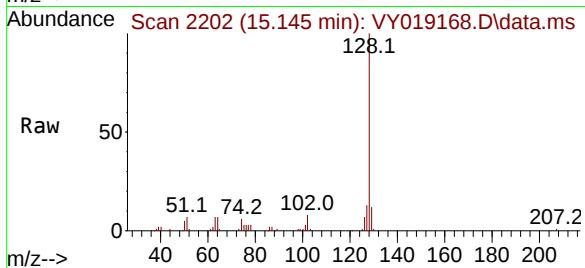
Acq: 21 Aug 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	43139
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	11.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.931 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019168.D

Acq: 21 Aug 2024 14:42

Tgt Ion:180	Resp:	22402
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.6 142.9
145	33.3	15.4 46.1

