

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020613.D
 Acq On : 17 Dec 2024 10:01
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 18 04:50:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	170610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	228550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	21133	11.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.620%#
35) Dibromofluoromethane	7.634	113	20262	10.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.860%#
50) Toluene-d8	10.103	98	69155	10.653	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.300%#
62) 4-Bromofluorobenzene	12.401	95	28323	11.154	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.300%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	23136	10.857	ug/l	100
3) Chloromethane	2.068	50	16735	10.599	ug/l	98
4) Vinyl Chloride	2.202	62	15133	10.297	ug/l	98
5) Bromomethane	2.598	94	9934	10.516	ug/l	95
6) Chloroethane	2.732	64	9308	10.249	ug/l	93
7) Trichlorofluoromethane	3.062	101	33462	10.882	ug/l	97
8) Diethyl Ether	3.458	74	11799	10.941	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	24382	11.062	ug/l	99
10) Methyl Iodide	4.007	142	27400	11.166	ug/l	96
11) Tert butyl alcohol	4.842	59	18830	72.145	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	23914	11.182	ug/l	98
13) Acrolein	3.653	56	6650	75.266	ug/l	100
14) Allyl chloride	4.385	41	42157	11.250	ug/l	98
15) Acrylonitrile	5.061	53	30489	59.095	ug/l	99
16) Acetone	3.873	43	24059	59.918	ug/l	92
17) Carbon Disulfide	4.110	76	79000	11.348	ug/l	98
18) Methyl Acetate	4.391	43	16164	12.714	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	61370	11.118	ug/l	99
20) Methylene Chloride	4.622	84	25848	11.126	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	26315	10.969	ug/l	97
22) Diisopropyl ether	6.018	45	83653	10.997	ug/l	94
23) Vinyl Acetate	5.964	43	241892	56.147	ug/l	100
24) 1,1-Dichloroethane	5.915	63	47807	10.728	ug/l	99
25) 2-Butanone	6.896	43	41782	60.169	ug/l	100
26) 2,2-Dichloropropane	6.884	77	46620	11.067	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	29841	10.812	ug/l	97
28) Bromochloromethane	7.250	49	14872	9.894	ug/l	98
29) Tetrahydrofuran	7.262	42	26233	59.842	ug/l	99
30) Chloroform	7.421	83	60327	9.156	ug/l	98
31) Cyclohexane	7.701	56	47368	11.117	ug/l #	93
32) 1,1,1-Trichloroethane	7.616	97	44299	10.820	ug/l	100
36) 1,1-Dichloropropene	7.835	75	36347	10.748	ug/l	99
37) Ethyl Acetate	6.982	43	19950	12.541	ug/l	99
38) Carbon Tetrachloride	7.823	117	40394	10.796	ug/l	95
39) Methylcyclohexane	9.103	83	46462	10.541	ug/l	97
40) Benzene	8.079	78	108150	10.910	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	9800	11.653	ug/l	95
42) 1,2-Dichloroethane	8.158	62	28739	10.931	ug/l	98
43) Isopropyl Acetate	8.195	43	35299	11.721	ug/l #	88
44) Trichloroethene	8.866	130	26388	10.834	ug/l	96
45) 1,2-Dichloropropane	9.140	63	24889	10.743	ug/l	100
46) Dibromomethane	9.231	93	13764	11.242	ug/l	99
47) Bromodichloromethane	9.420	83	35352	10.689	ug/l	98
48) Methyl methacrylate	9.219	41	16060	11.218	ug/l	99
49) 1,4-Dioxane	9.225	88	3340	237.872	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	95663	60.180	ug/l	100
52) Toluene	10.170	92	65651	10.657	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	33566	10.892	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	39068	10.698	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	18100	11.181	ug/l	96
56) Ethyl methacrylate	10.438	69	25543	10.877	ug/l	99
57) 1,3-Dichloropropane	10.713	76	32029	11.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	51913	52.537	ug/l	100
59) 2-Hexanone	10.755	43	59126	57.933	ug/l	100
60) Dibromochloromethane	10.908	129	23549	10.878	ug/l	99
61) 1,2-Dibromoethane	11.012	107	16807	11.162	ug/l	99
64) Tetrachloroethene	10.646	164	23098	10.744	ug/l	96
65) Chlorobenzene	11.438	112	68621	10.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	24180	11.065	ug/l	98
67) Ethyl Benzene	11.518	91	125547	10.649	ug/l	99
68) m/p-Xylenes	11.627	106	94273	21.506	ug/l	98
69) o-Xylene	11.950	106	43697	10.684	ug/l	100
70) Styrene	11.969	104	72514	10.612	ug/l	99
71) Bromoform	12.127	173	13822	11.250	ug/l #	100
73) Isopropylbenzene	12.255	105	118590	10.624	ug/l	99
74) N-amyl acetate	12.066	43	28977	11.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	20569	11.352	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	27338	20.751	ug/l #	100
77) Bromobenzene	12.530	156	25752	10.591	ug/l	97
78) n-propylbenzene	12.597	91	142396	10.588	ug/l	100
79) 2-Chlorotoluene	12.676	91	79651	10.527	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	94672	10.453	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6908	10.913	ug/l	93
82) 4-Chlorotoluene	12.773	91	81482	10.380	ug/l	98
83) tert-Butylbenzene	12.993	119	86405	10.534	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	93630	10.539	ug/l	98
85) sec-Butylbenzene	13.176	105	125189	10.497	ug/l	99
86) p-Isopropyltoluene	13.292	119	101690	10.342	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	50691	10.561	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	50665	10.658	ug/l	97
89) n-Butylbenzene	13.615	91	96052	10.307	ug/l	99
90) Hexachloroethane	13.877	117	20324	10.430	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	44391	10.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3406	11.579	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	24954	9.920	ug/l	98
94) Hexachlorobutadiene	15.023	225	16620	10.107	ug/l	97
95) Naphthalene	15.145	128	42698	9.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20408	9.602	ug/l	99

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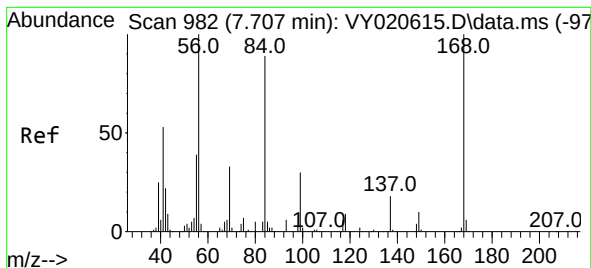
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020613.D

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ClientSampleId :

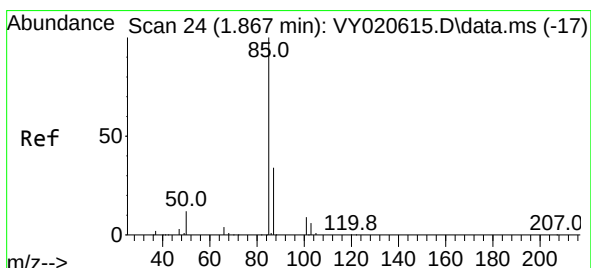
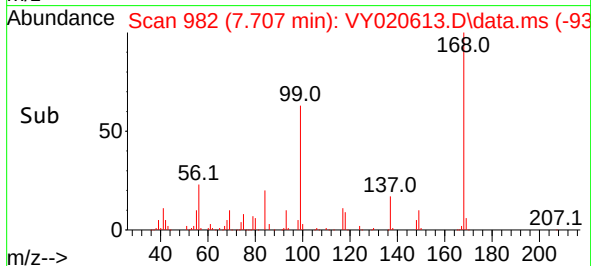
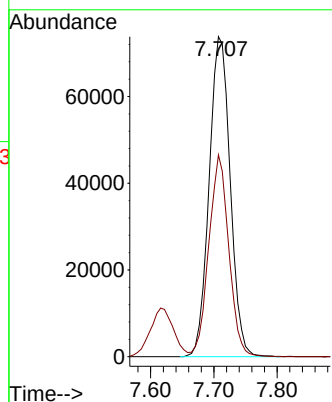
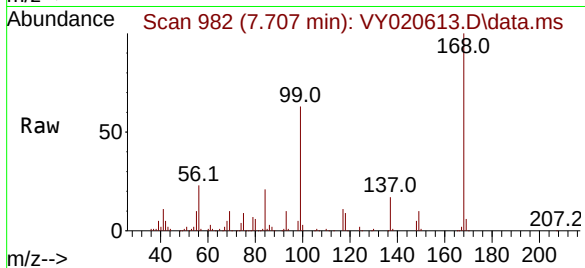
VSTDIC010

Tgt Ion:168 Resp: 170610

Ion Ratio Lower Upper

168 100

99 62.9 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 10.857 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY020613.D

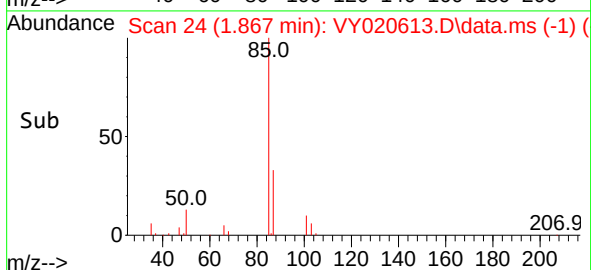
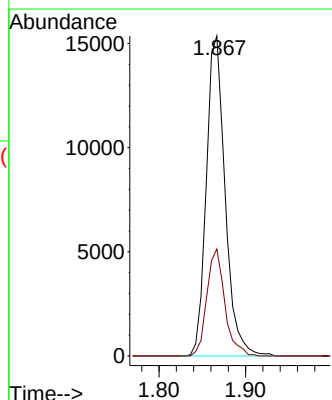
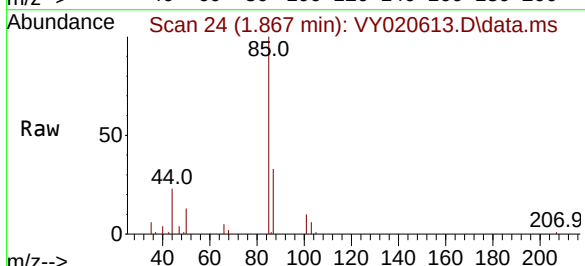
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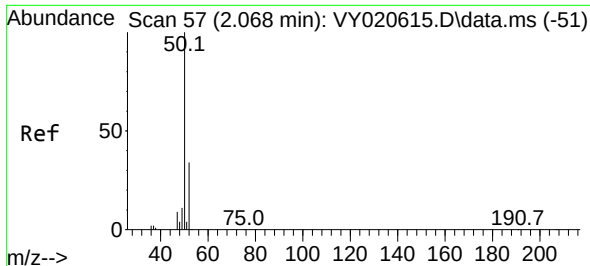
Tgt Ion: 85 Resp: 23136

Ion Ratio Lower Upper

85 100

87 33.4 16.8 50.3

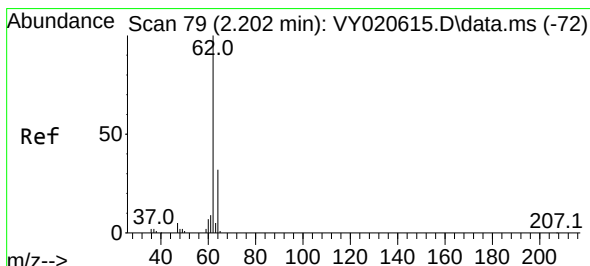
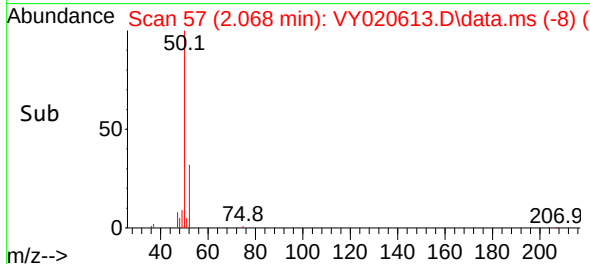
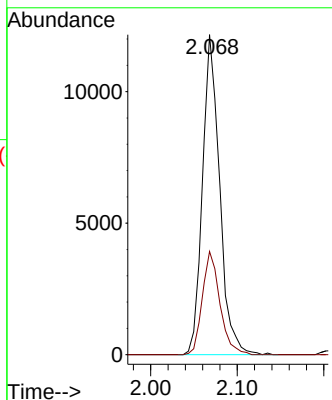
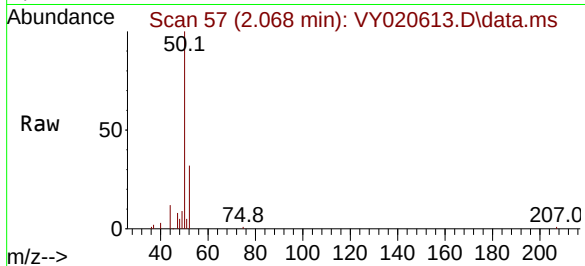




#3
Chloromethane
Concen: 10.599 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

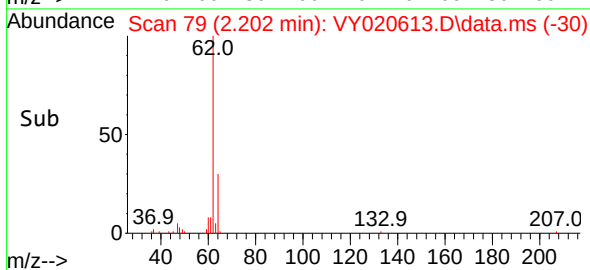
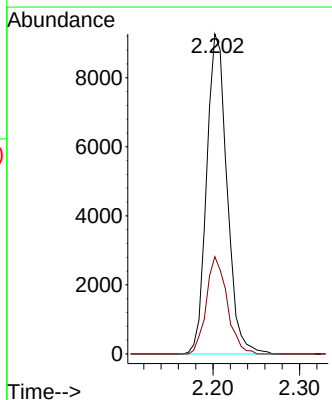
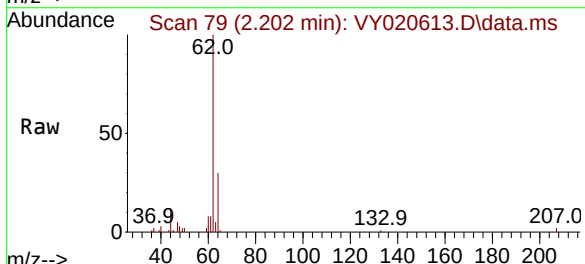
Instrument :
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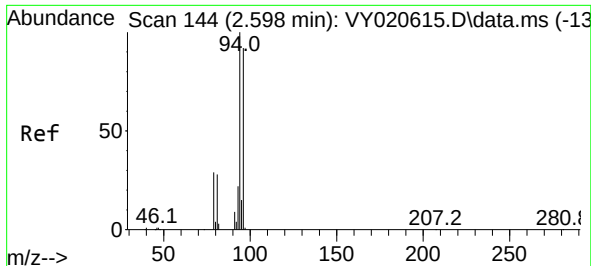
Tgt Ion: 50 Resp: 16735
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2



#4
Vinyl Chloride
Concen: 10.297 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 62 Resp: 15133
Ion Ratio Lower Upper
62 100
64 30.4 25.3 37.9

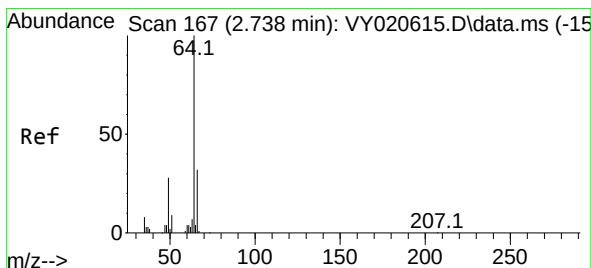
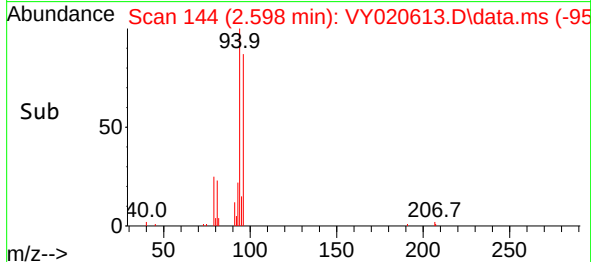
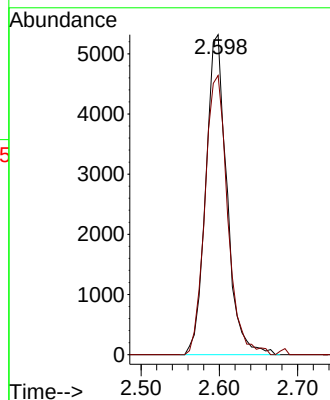
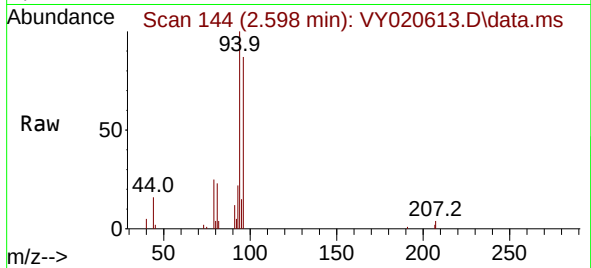




#5
Bromomethane
Concen: 10.516 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

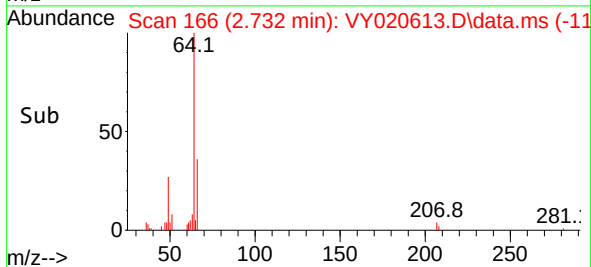
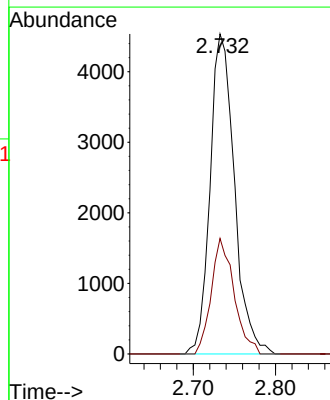
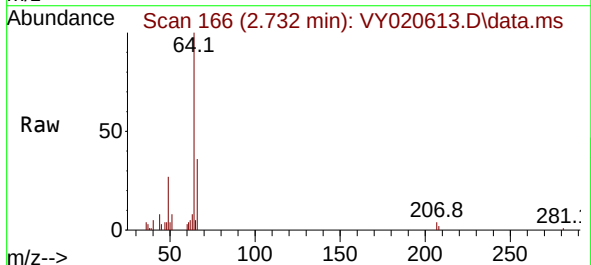
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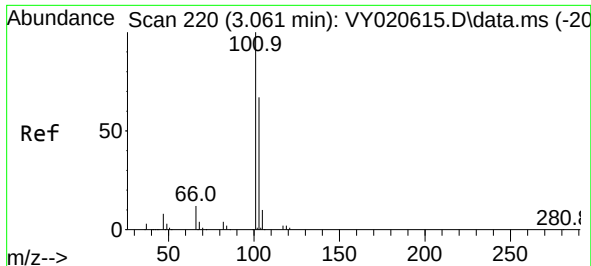
Tgt Ion: 94 Resp: 9934
Ion Ratio Lower Upper
94 100
96 87.3 73.8 110.6



#6
Chloroethane
Concen: 10.249 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 64 Resp: 9308
Ion Ratio Lower Upper
64 100
66 36.1 25.8 38.6

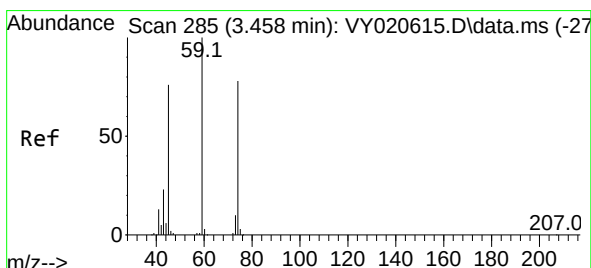
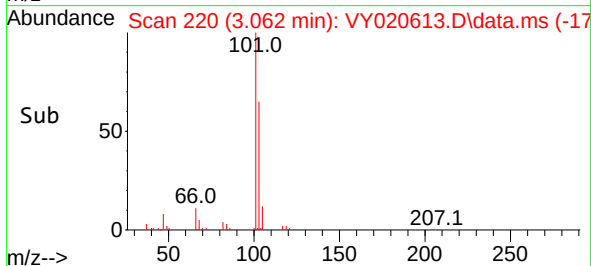
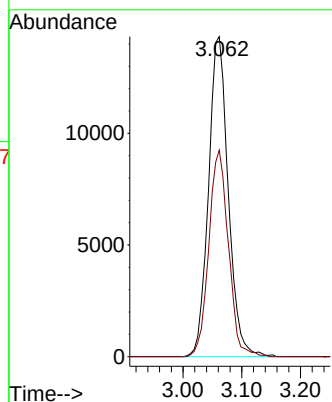
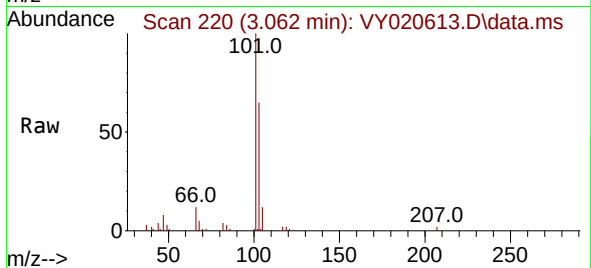




#7
Trichlorofluoromethane
Concen: 10.882 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

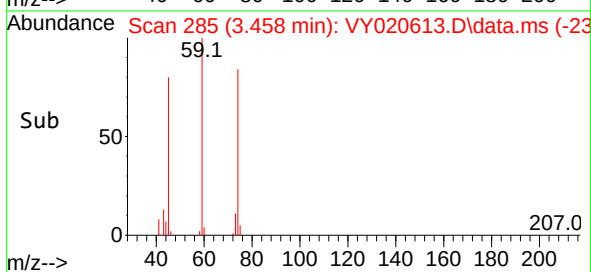
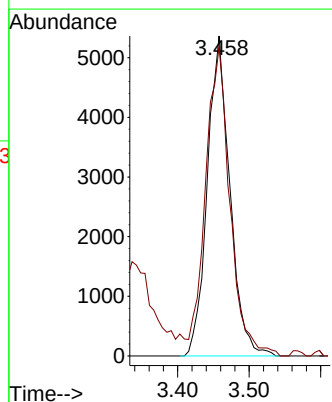
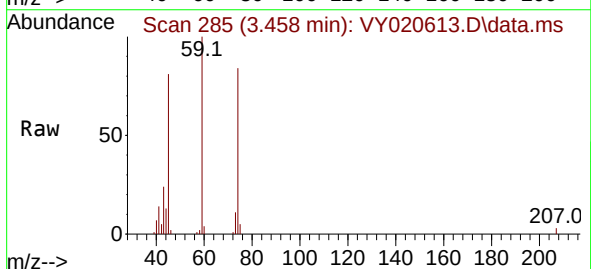
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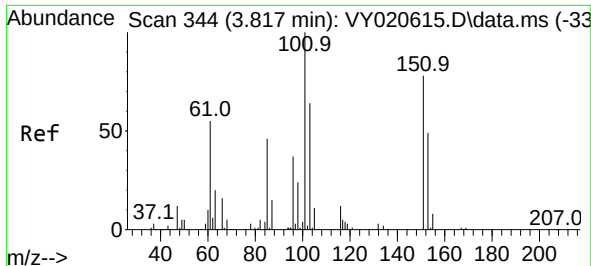
Tgt Ion:101 Resp: 33462
Ion Ratio Lower Upper
101 100
103 64.6 53.4 80.0



#8
Diethyl Ether
Concen: 10.941 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 74 Resp: 11799
Ion Ratio Lower Upper
74 100
45 103.6 49.0 147.2

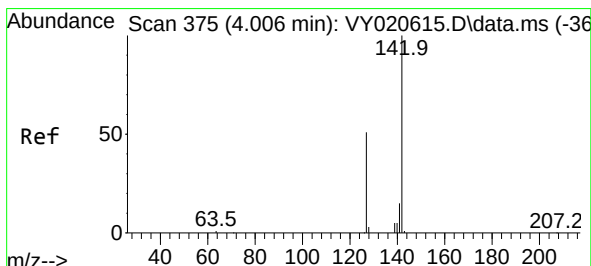
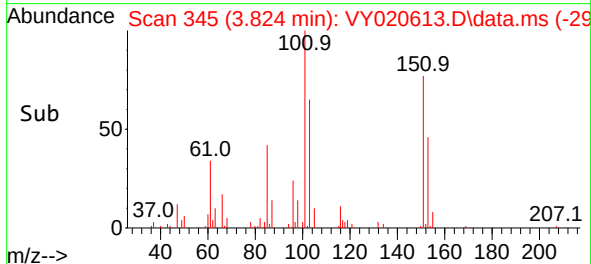
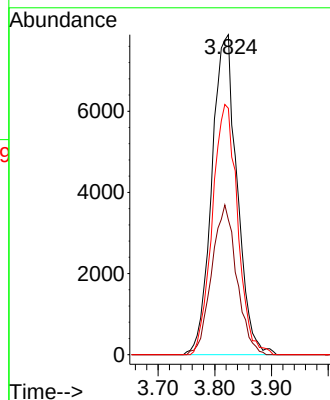
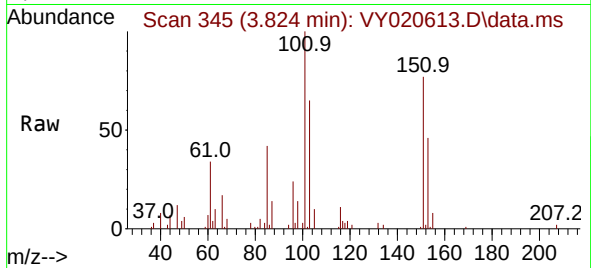




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.062 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
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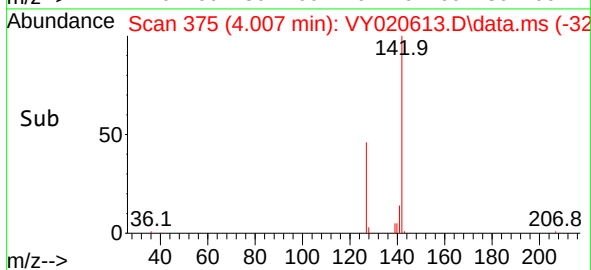
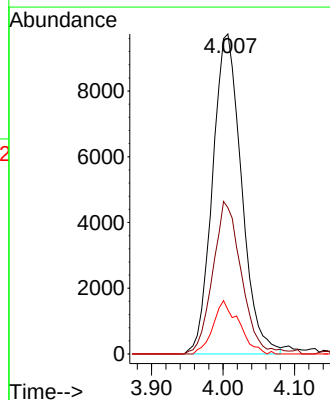
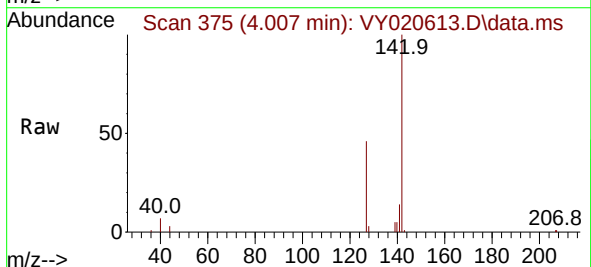
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

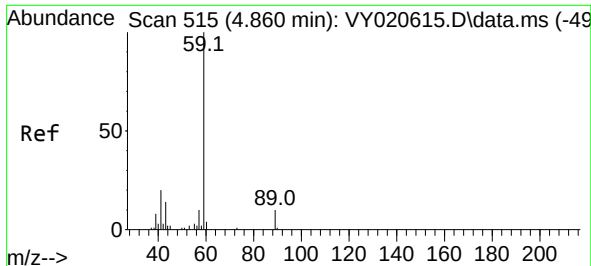
Tgt Ion:101 Resp: 24382
Ion Ratio Lower Upper
101 100
85 46.3 36.6 54.8
151 78.2 61.5 92.3



#10
Methyl Iodide
Concen: 11.166 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion:142 Resp: 27400
Ion Ratio Lower Upper
142 100
127 47.4 40.6 61.0
141 15.0 11.7 17.5

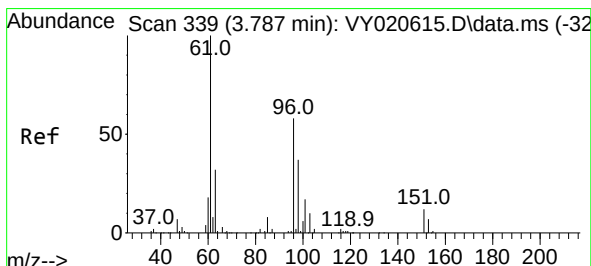
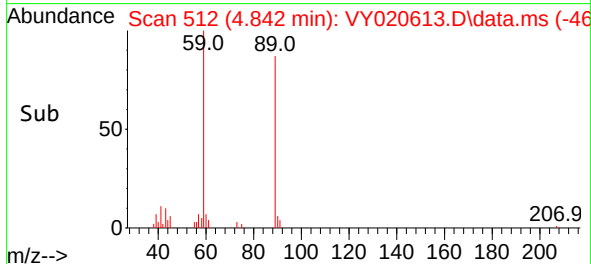
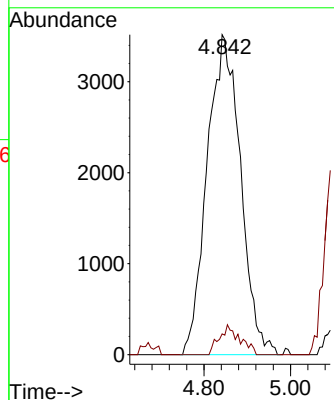
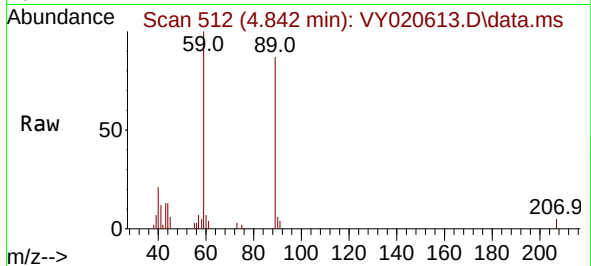




#11
Tert butyl alcohol
Concen: 72.145 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

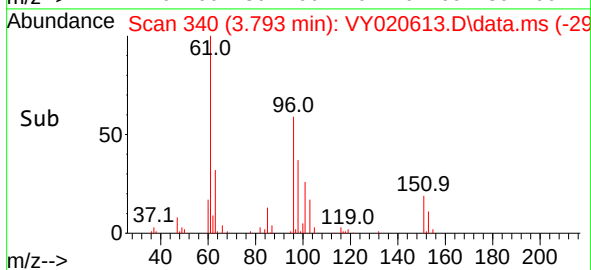
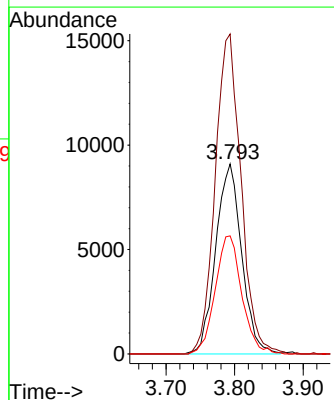
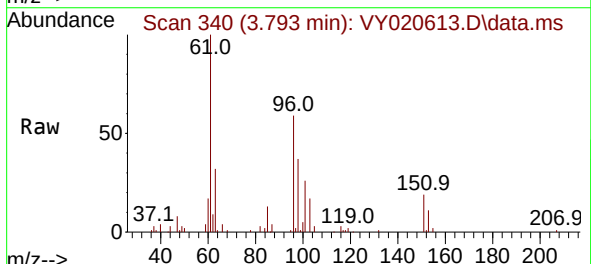
Instrument :
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ClientSampleId :
VSTDICC010

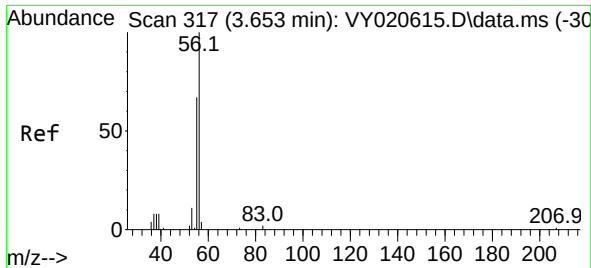
Tgt Ion: 59 Resp: 18830
Ion Ratio Lower Upper
59 100
57 5.7 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 11.182 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 96 Resp: 23914
Ion Ratio Lower Upper
96 100
61 168.3 136.9 205.3
98 62.2 50.2 75.4

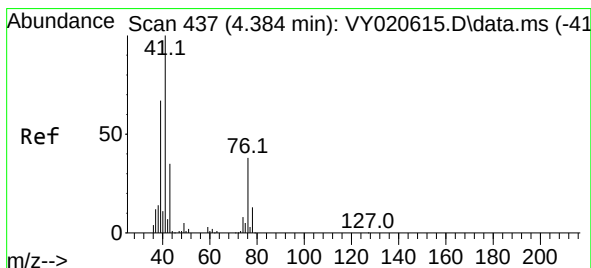
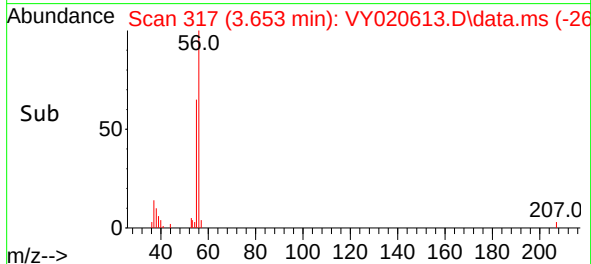
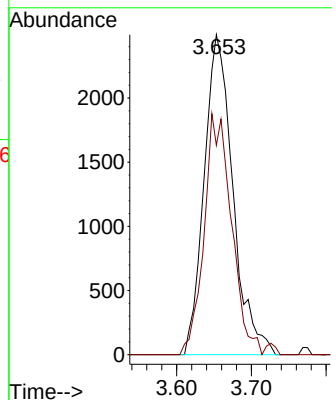
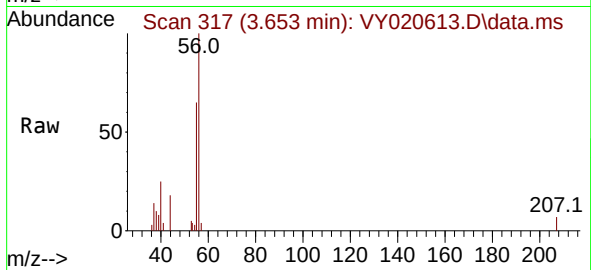




#13
Acrolein
Concen: 75.266 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

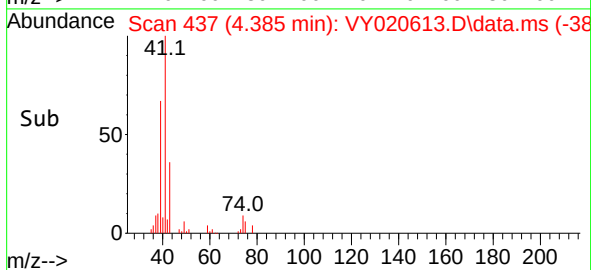
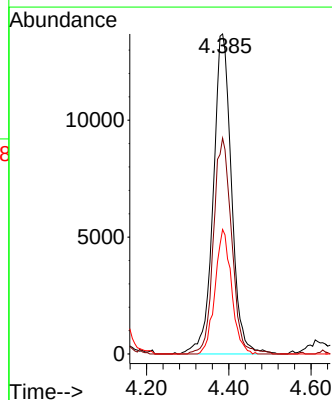
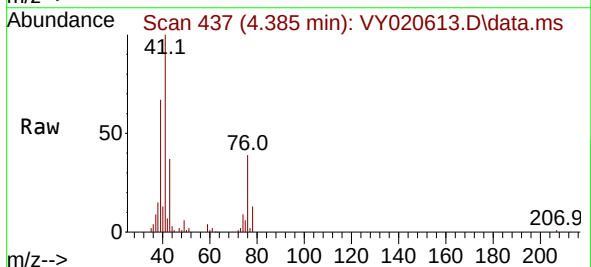
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ClientSampleId :
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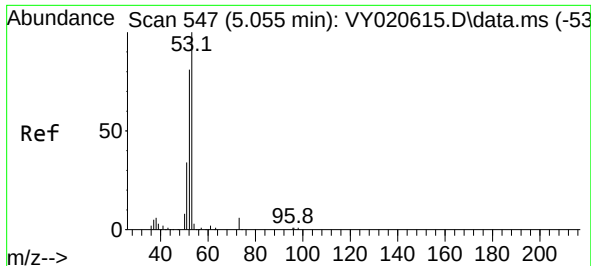
Tgt Ion: 56 Resp: 6650
Ion Ratio Lower Upper
56 100
55 71.7 57.5 86.3



#14
Allyl chloride
Concen: 11.250 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 41 Resp: 42157
Ion Ratio Lower Upper
41 100
39 67.0 53.0 79.4
76 35.2 29.5 44.3

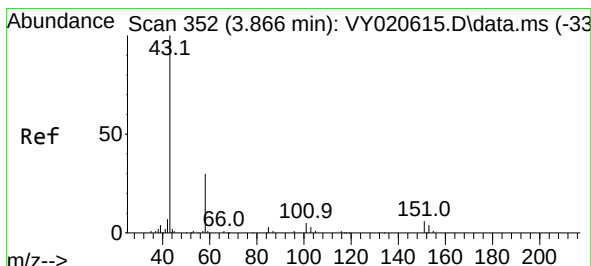
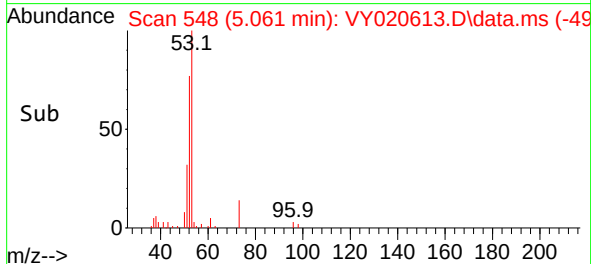
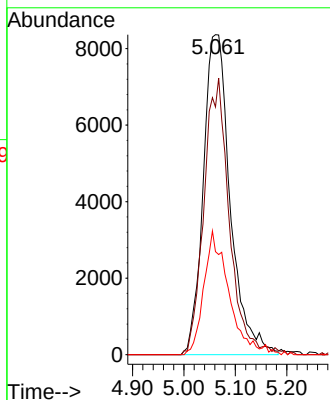
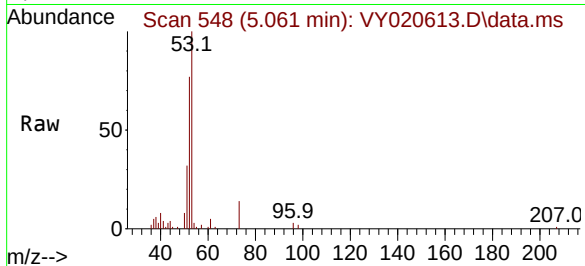




#15
Acrylonitrile
Concen: 59.095 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

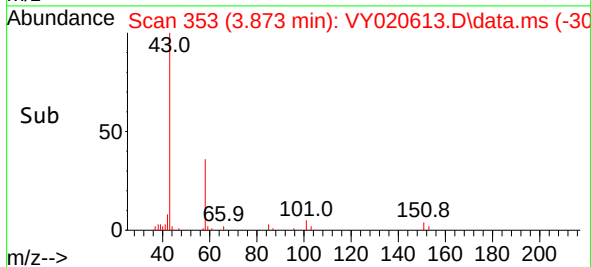
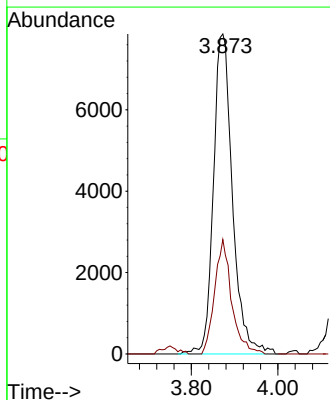
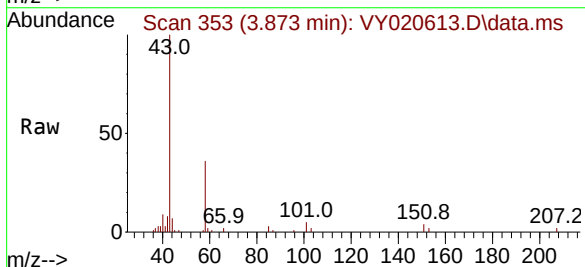
Instrument :
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ClientSampleId :
VSTDICC010

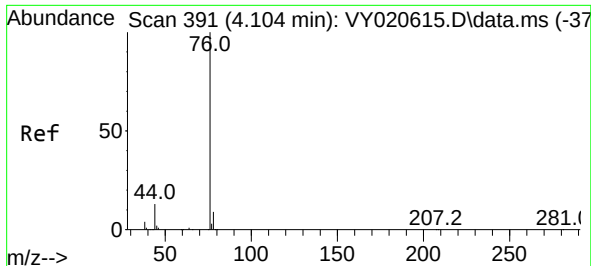
Tgt Ion: 53 Resp: 30489
Ion Ratio Lower Upper
53 100
52 80.7 64.5 96.7
51 35.1 29.4 44.0



#16
Acetone
Concen: 59.918 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 43 Resp: 24059
Ion Ratio Lower Upper
43 100
58 35.8 25.0 37.6

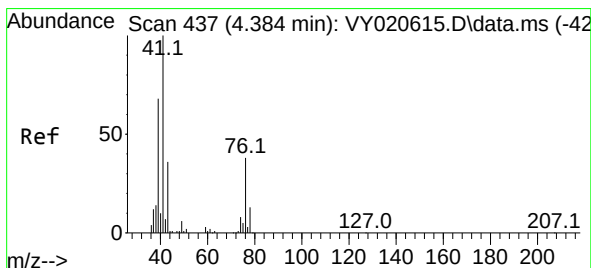
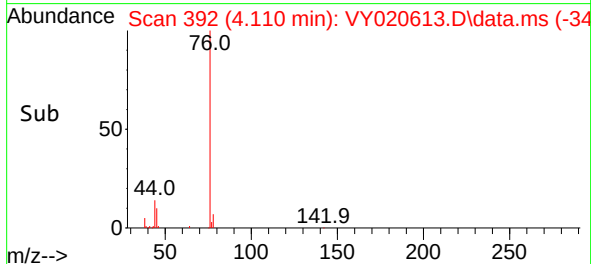
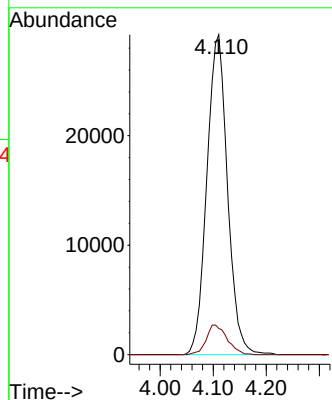
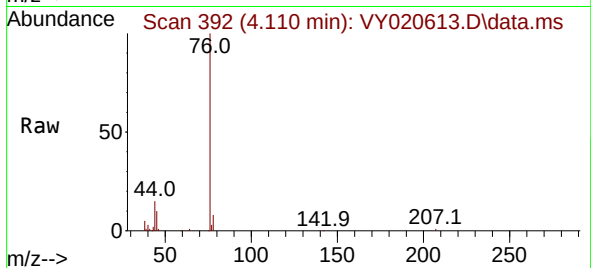




#17
Carbon Disulfide
Concen: 11.348 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

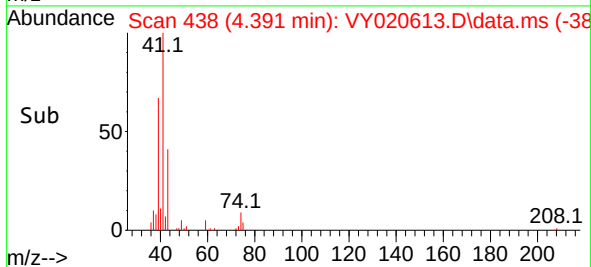
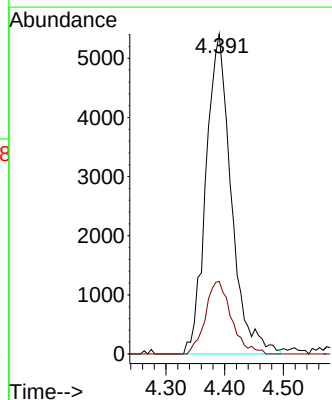
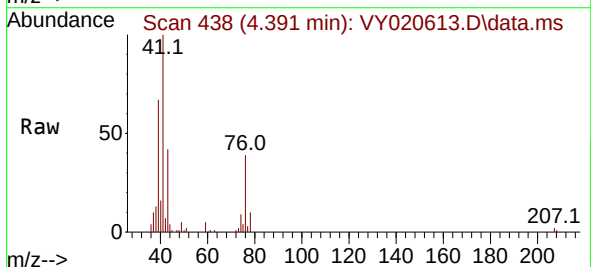
Instrument :
MSVOA_Y
ClientSampleId :
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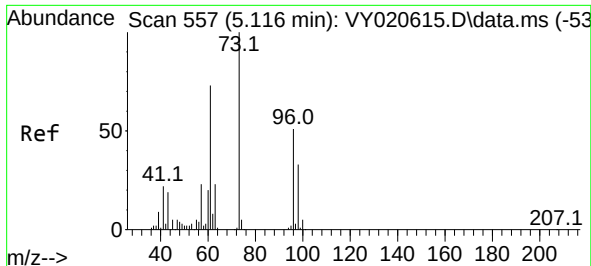
Tgt Ion: 76 Resp: 79000
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 12.714 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 43 Resp: 16164
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8

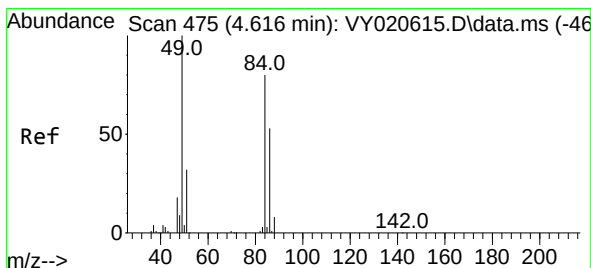
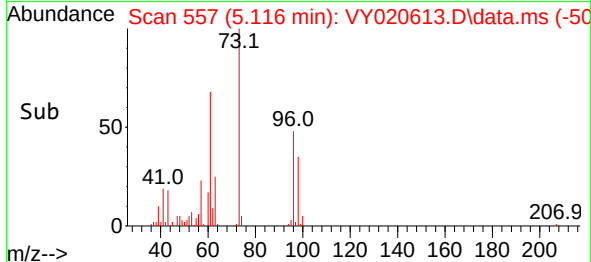
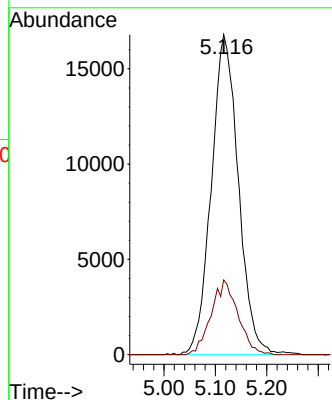
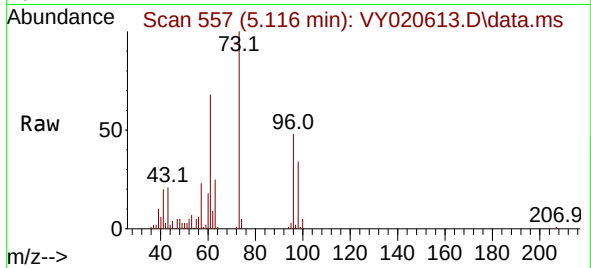




#19
Methyl tert-butyl Ether
Concen: 11.118 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

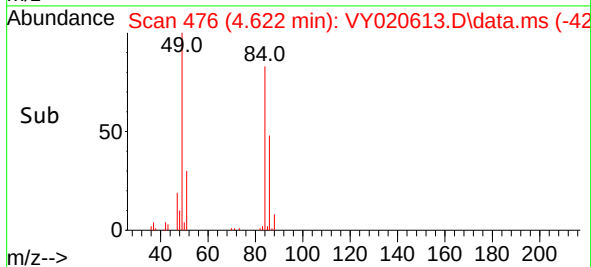
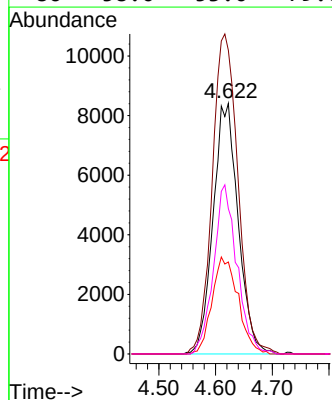
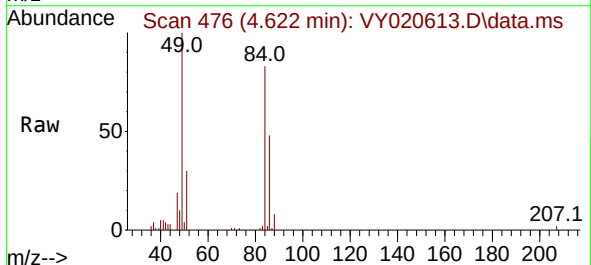
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

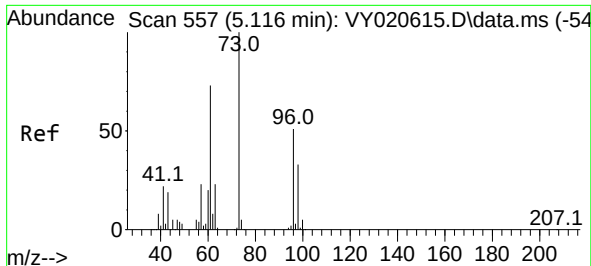
Tgt Ion: 73 Resp: 61370
Ion Ratio Lower Upper
73 100
57 23.4 18.5 27.7



#20
Methylene Chloride
Concen: 11.126 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 84 Resp: 25848
Ion Ratio Lower Upper
84 100
49 121.1 100.7 151.1
51 36.7 32.2 48.2
86 58.0 53.0 79.6

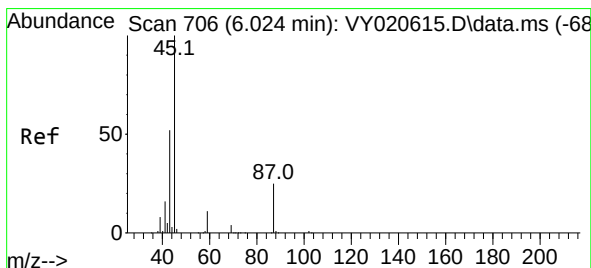
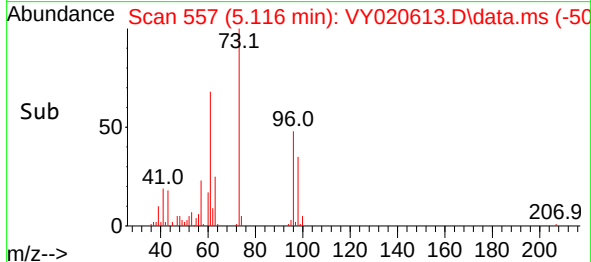
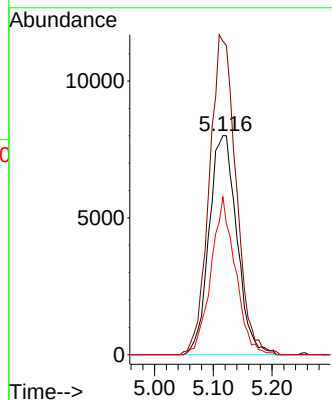
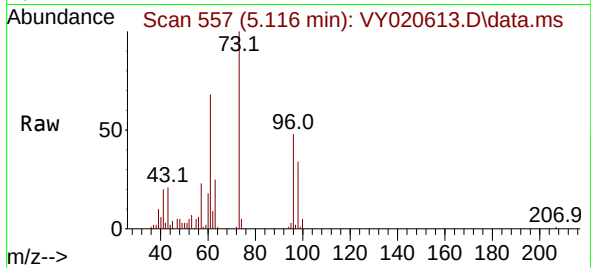




#21
trans-1,2-Dichloroethene
Concen: 10.969 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

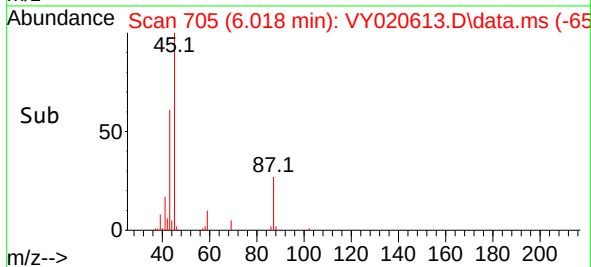
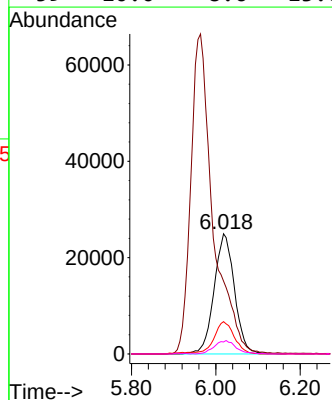
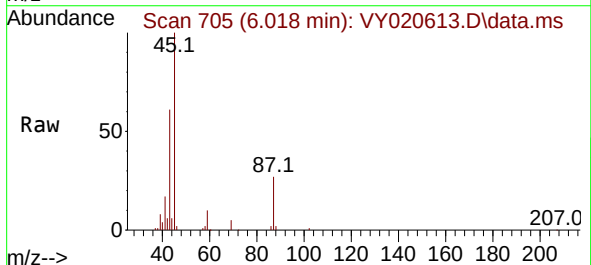
Instrument :
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ClientSampleId :
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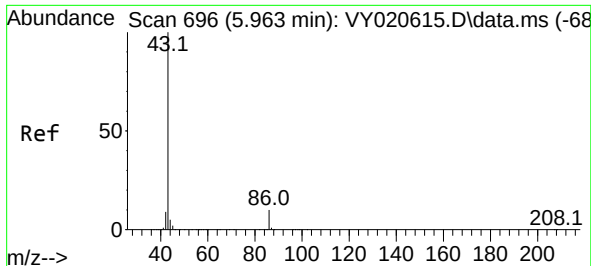
Tgt Ion: 96 Resp: 26315
Ion Ratio Lower Upper
96 100
61 143.1 113.7 170.5
98 71.9 51.7 77.5



#22
Diisopropyl ether
Concen: 10.997 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 45 Resp: 83653
Ion Ratio Lower Upper
45 100
43 59.8 42.6 64.0
87 26.9 20.6 31.0
59 10.0 8.6 13.0

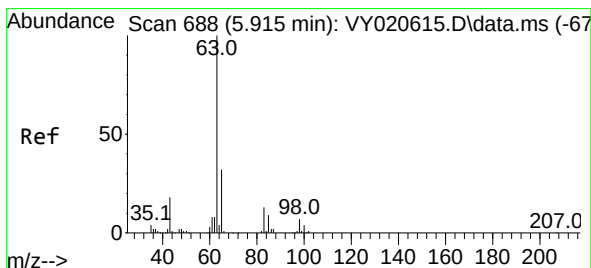
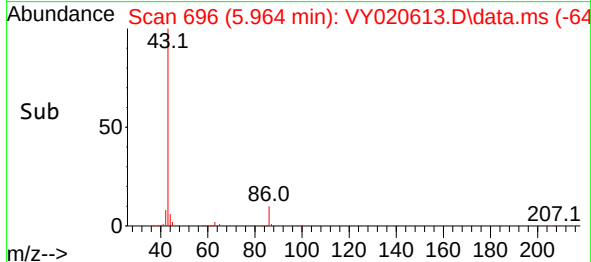
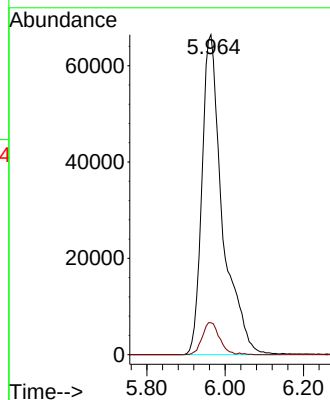
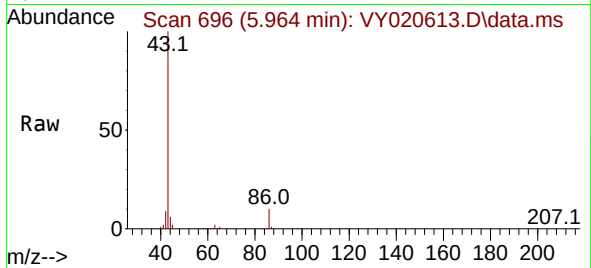




#23
 Vinyl Acetate
 Concen: 56.147 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

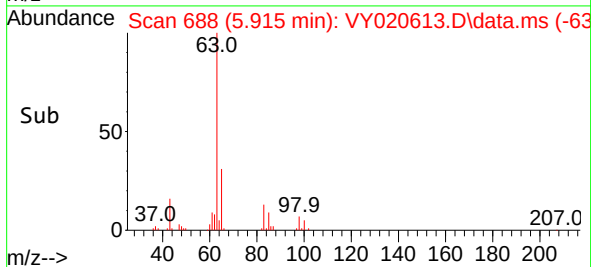
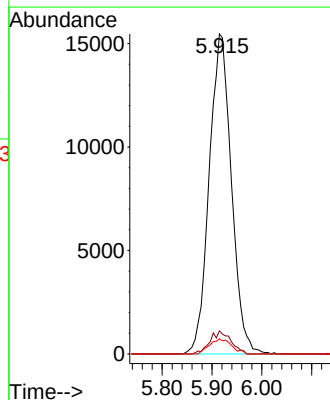
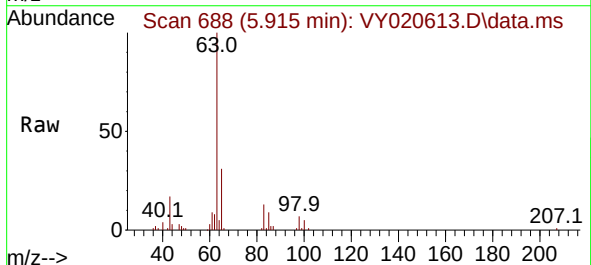
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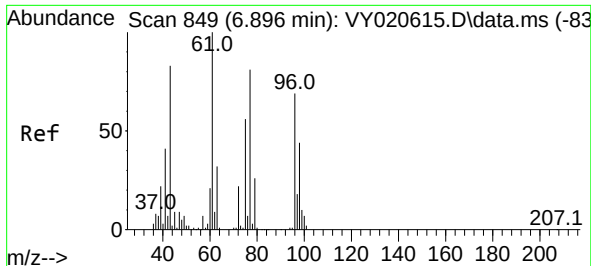
Tgt Ion: 43 Resp: 241892
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 10.728 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

Tgt Ion: 63 Resp: 47807
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 60.169 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

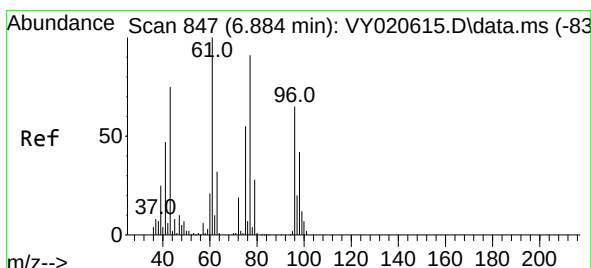
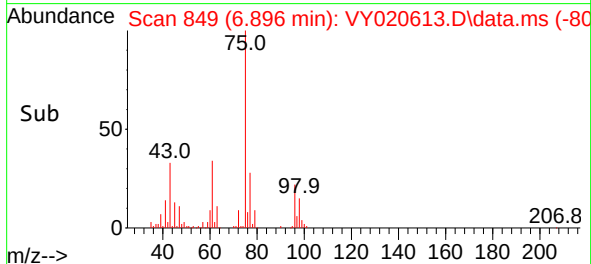
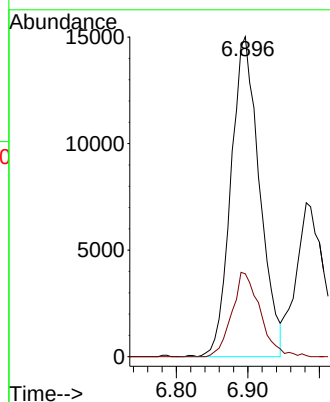
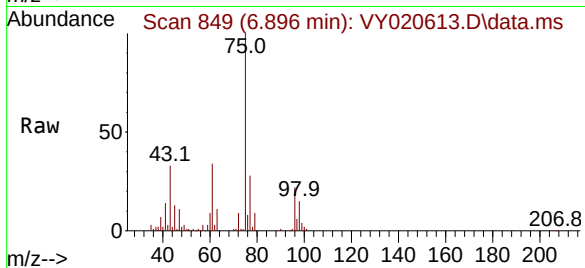
VSTDICC010

Tgt Ion: 43 Resp: 41782

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 11.067 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY020613.D

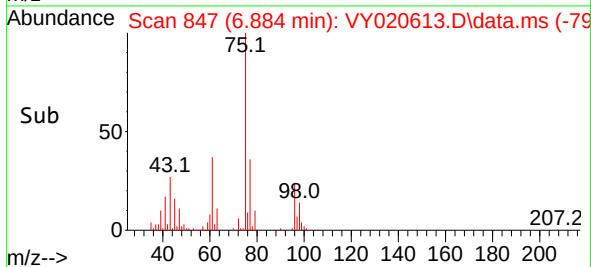
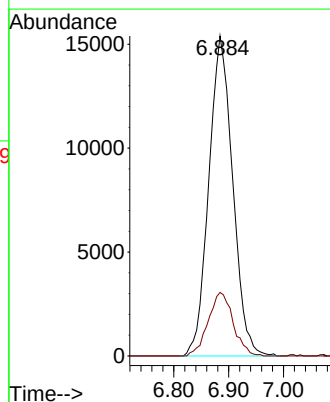
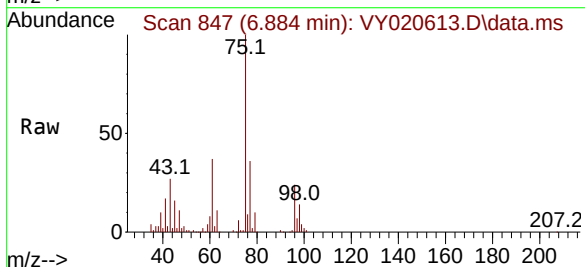
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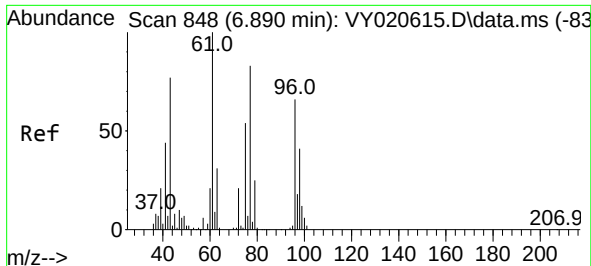
Tgt Ion: 77 Resp: 46620

Ion Ratio Lower Upper

77 100

97 20.7 10.9 32.6

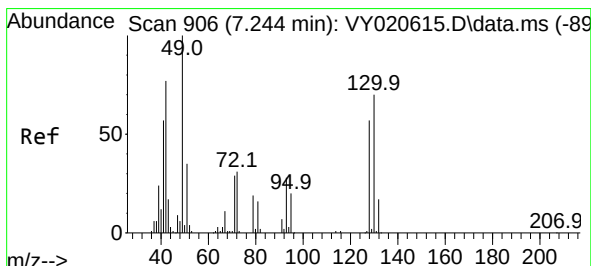
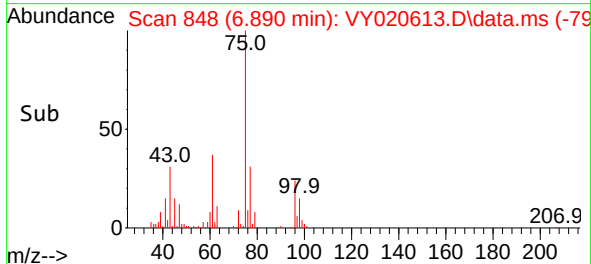
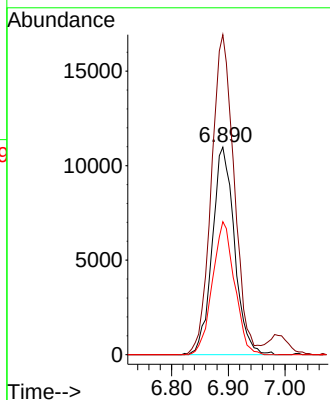
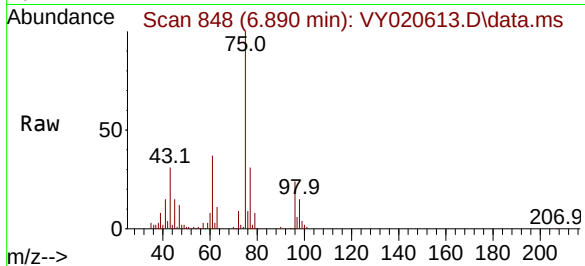




#27
 cis-1,2-Dichloroethene
 Concen: 10.812 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

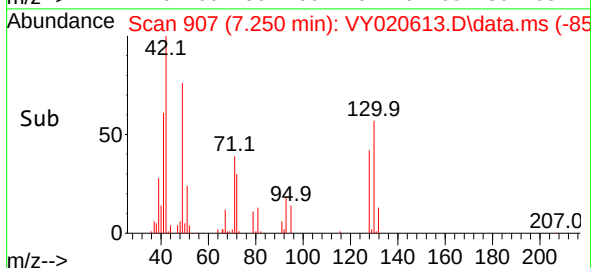
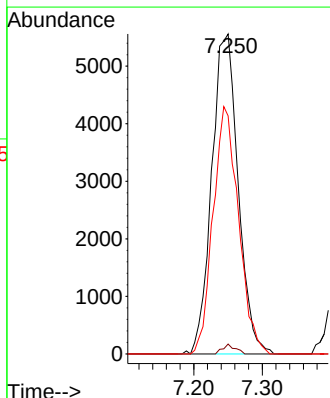
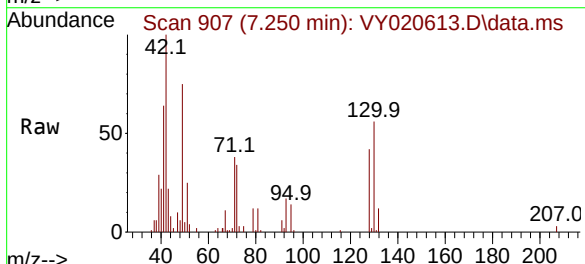
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

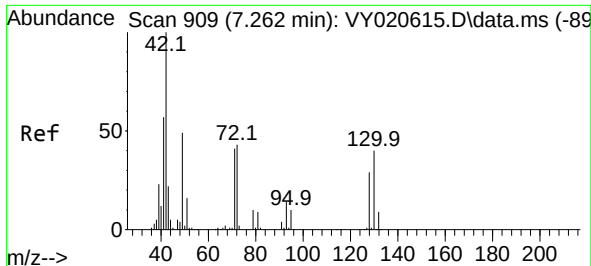
Tgt Ion:	96	Resp:	29841
Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	306.2
98	63.9	0.0	127.2



#28
 Bromochloromethane
 Concen: 9.894 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

Tgt Ion:	49	Resp:	14872
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	74.6	58.3	87.5





#29

Tetrahydrofuran

Concen: 59.842 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

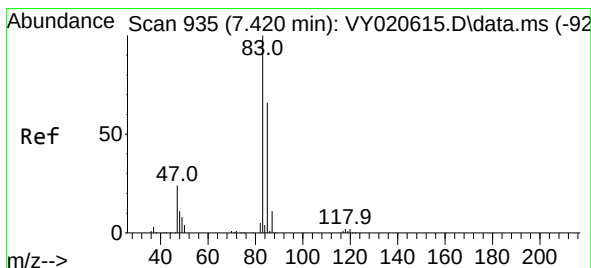
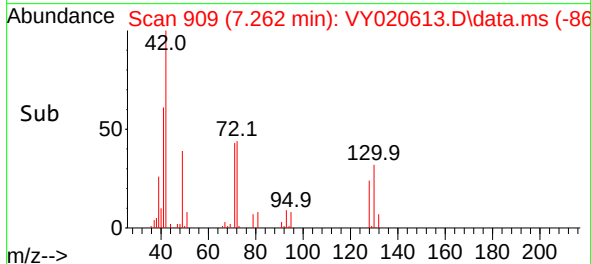
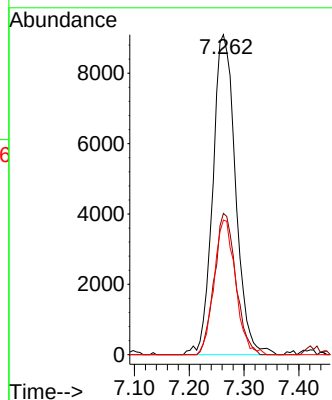
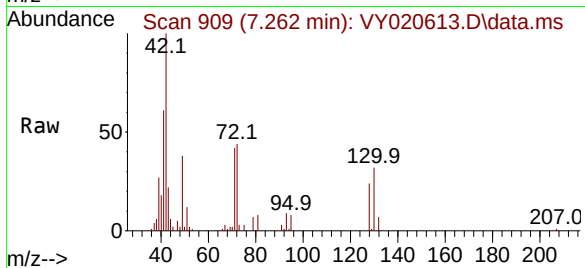
Tgt Ion: 42 Resp: 26233

Ion Ratio Lower Upper

42 100

72 41.8 34.0 51.0

71 39.9 31.6 47.4



#30

Chloroform

Concen: 9.156 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020613.D

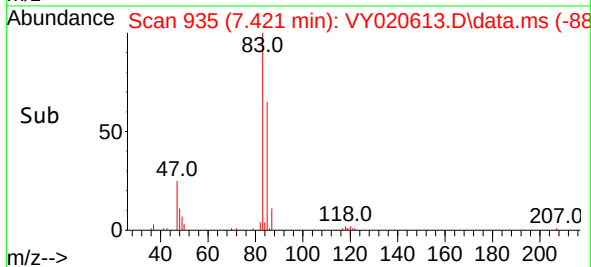
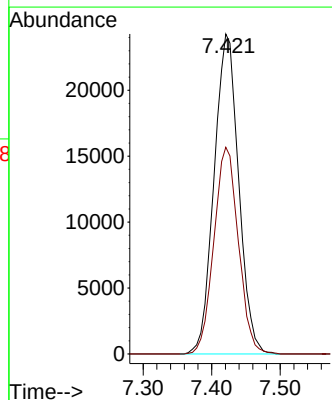
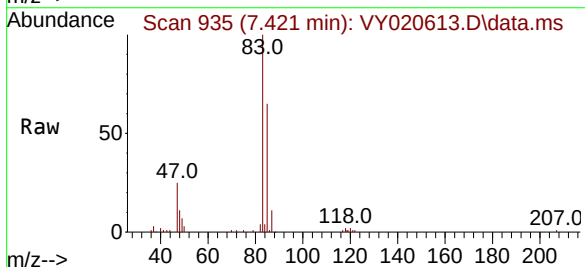
Acq: 17 Dec 2024 10:01

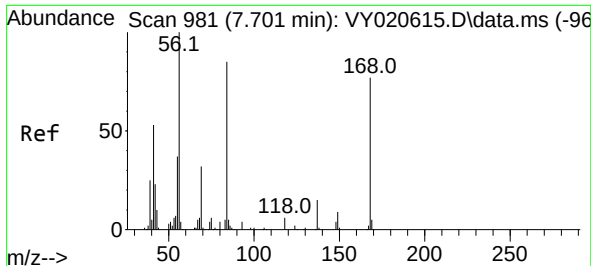
Tgt Ion: 83 Resp: 60327

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1

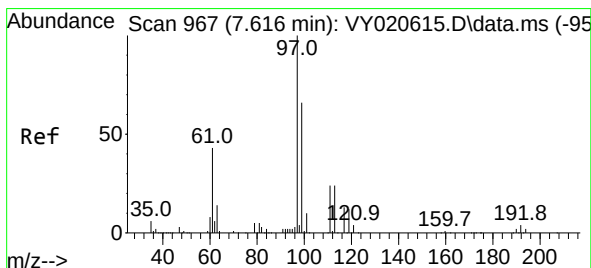
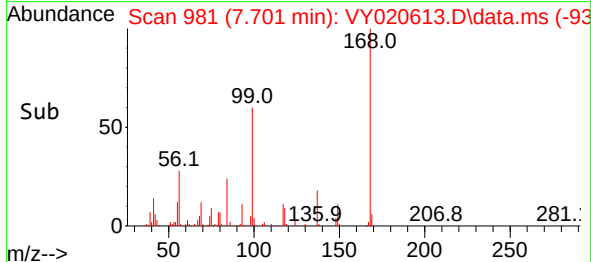
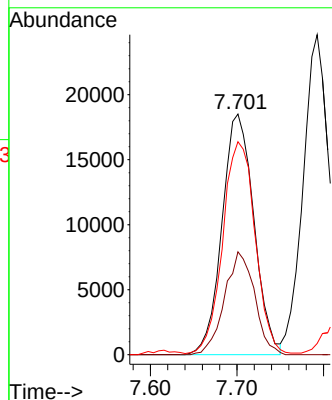
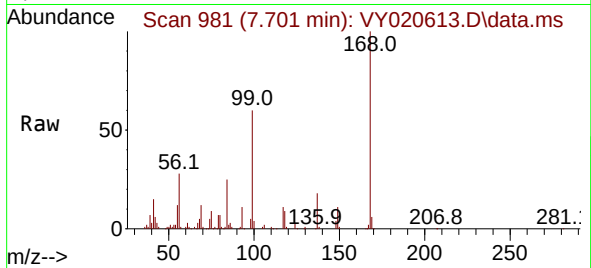




#31
Cyclohexane
Concen: 11.117 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

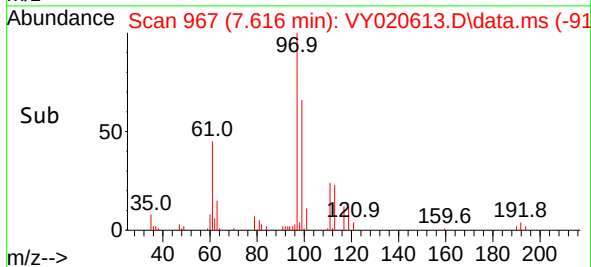
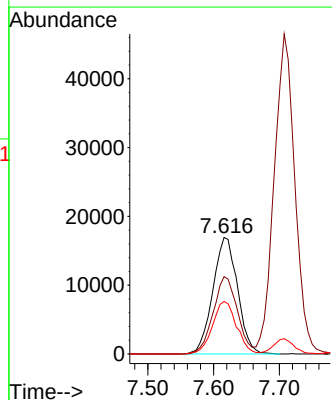
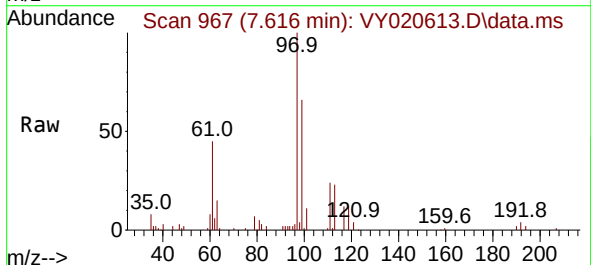
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

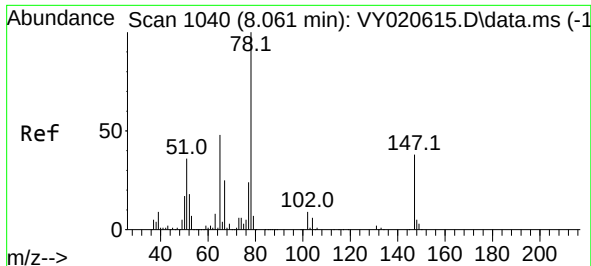
Tgt Ion: 56 Resp: 47368
Ion Ratio Lower Upper
56 100
69 42.7 25.4 38.0#
84 87.5 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 10.820 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 97 Resp: 44299
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 11.310 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

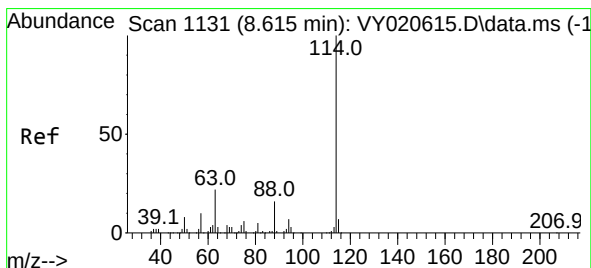
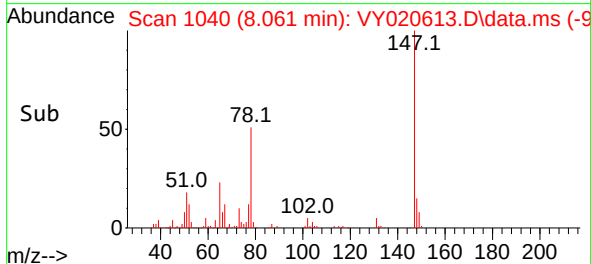
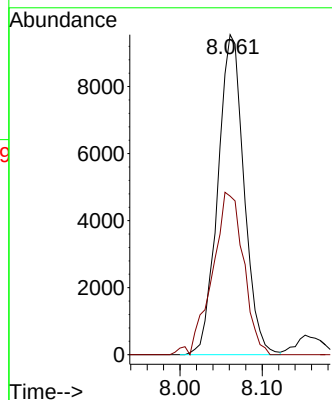
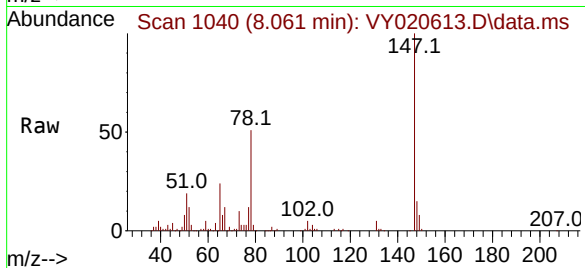
VSTDIC010

Tgt Ion: 65 Resp: 21133

Ion Ratio Lower Upper

65 100

67 60.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

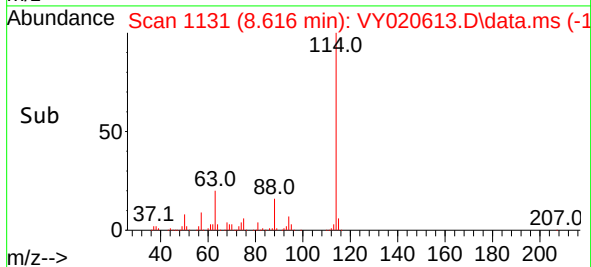
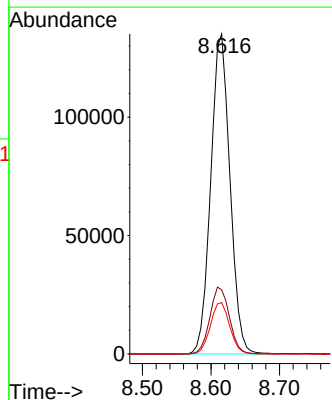
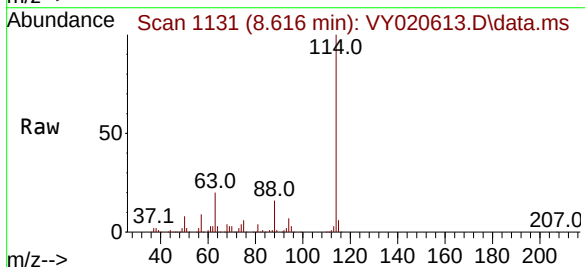
Tgt Ion: 114 Resp: 263150

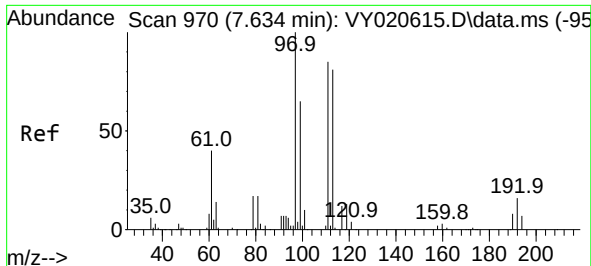
Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.0

88 16.0 0.0 32.8

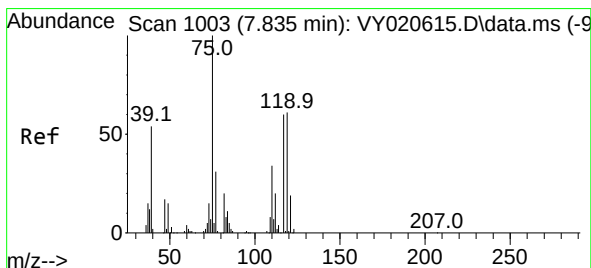
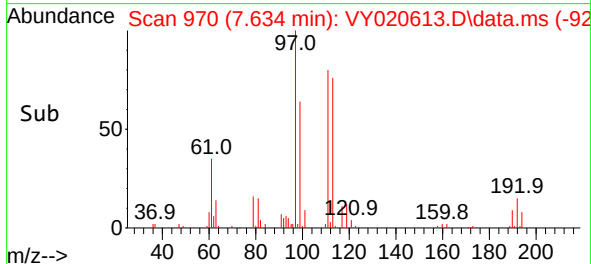
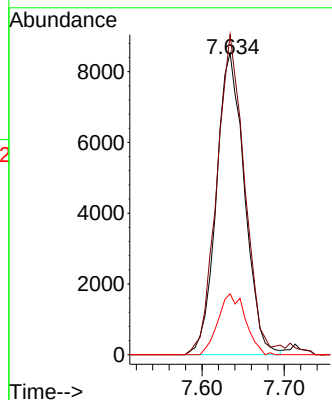
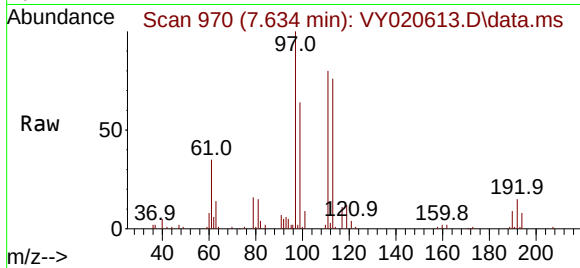




#35
 Dibromofluoromethane
 Concen: 10.925 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

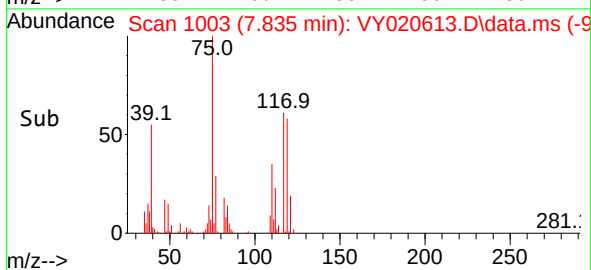
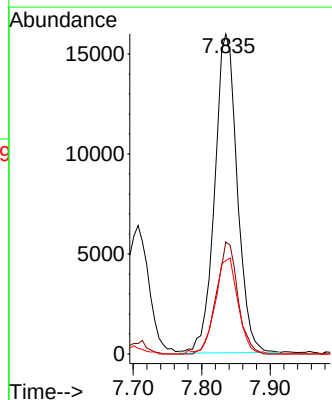
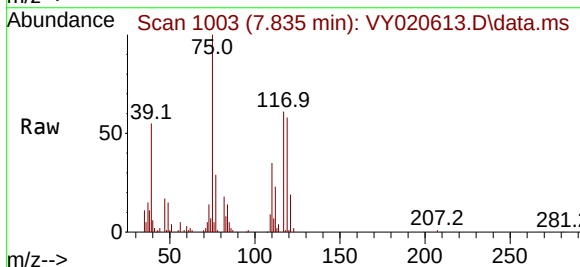
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

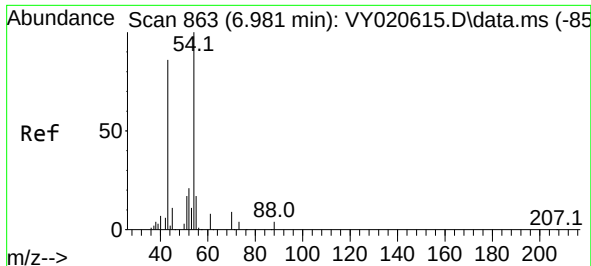
Tgt Ion:113 Resp: 20262
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.9 124.3
 192 19.7 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 10.748 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

Tgt Ion: 75 Resp: 36347
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.8 50.4
 77 30.7 25.0 37.6





#37

Ethyl Acetate

Concen: 12.541 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

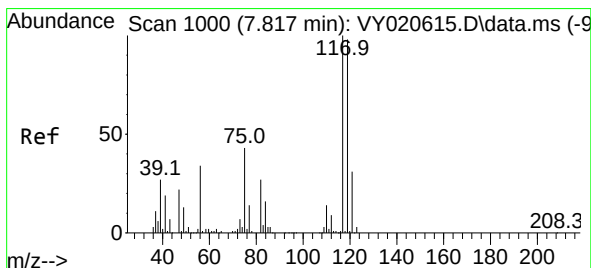
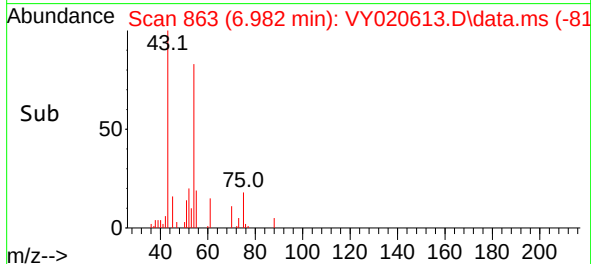
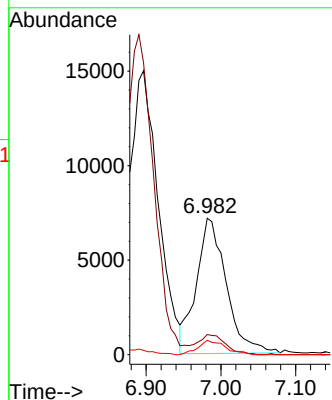
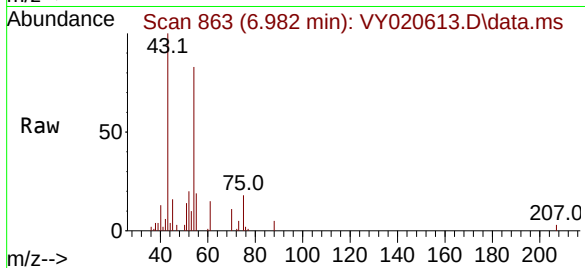
Tgt Ion: 43 Resp: 19950

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.4

70 9.6 7.9 11.9



#38

Carbon Tetrachloride

Concen: 10.796 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

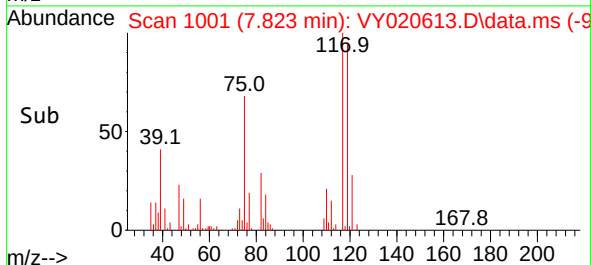
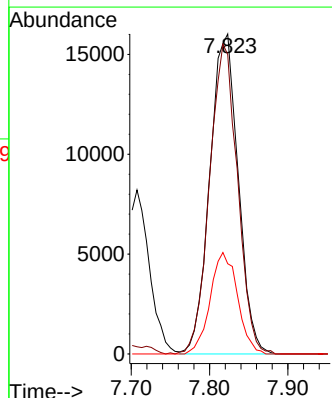
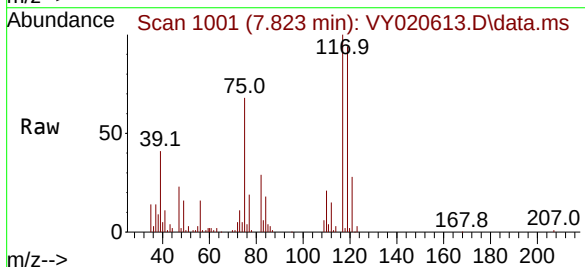
Tgt Ion: 117 Resp: 40394

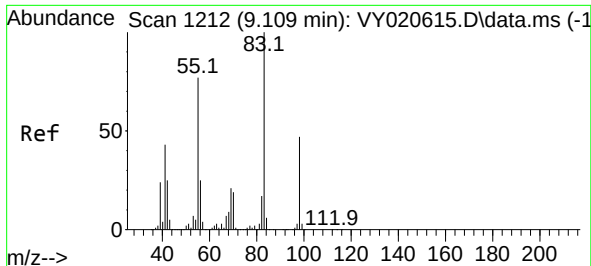
Ion Ratio Lower Upper

117 100

119 93.6 78.3 117.5

121 28.2 25.1 37.7

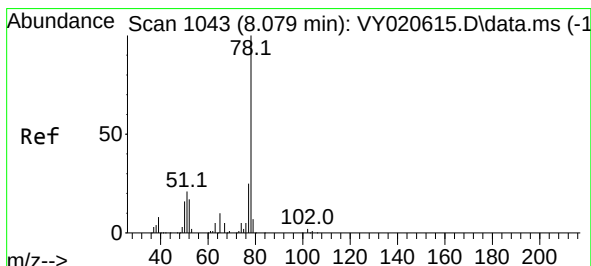
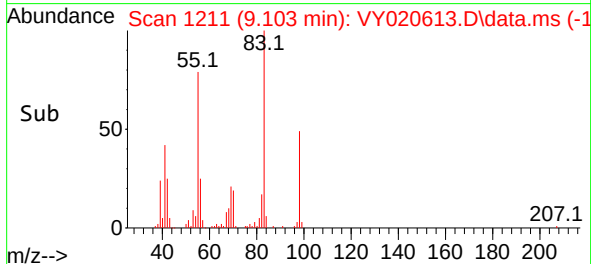
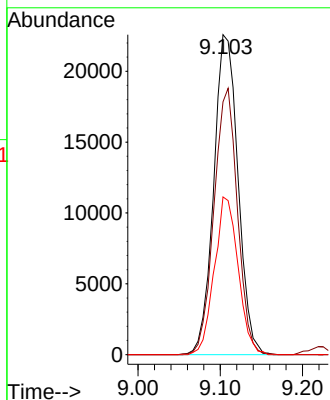
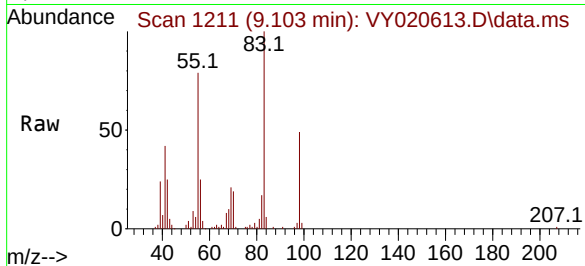




#39
Methylcyclohexane
Concen: 10.541 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

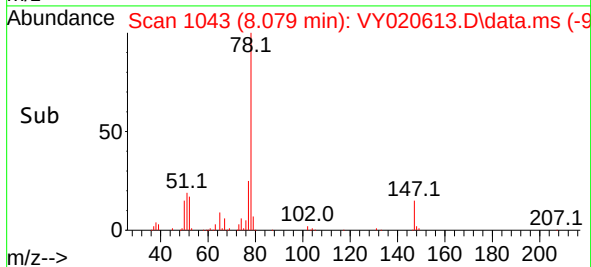
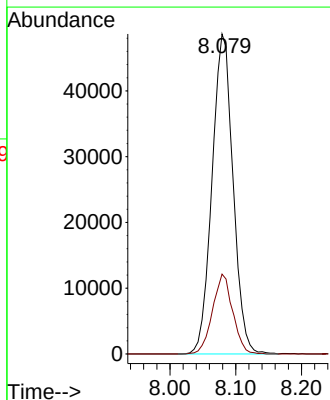
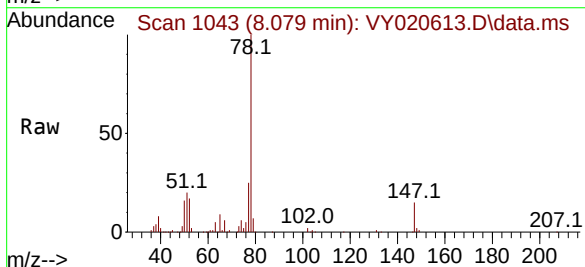
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

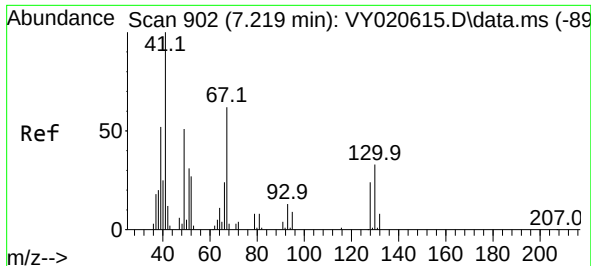
Tgt Ion: 83 Resp: 46462
Ion Ratio Lower Upper
83 100
55 79.0 61.4 92.0
98 49.3 37.3 55.9



#40
Benzene
Concen: 10.910 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 78 Resp: 108150
Ion Ratio Lower Upper
78 100
77 25.0 20.1 30.1

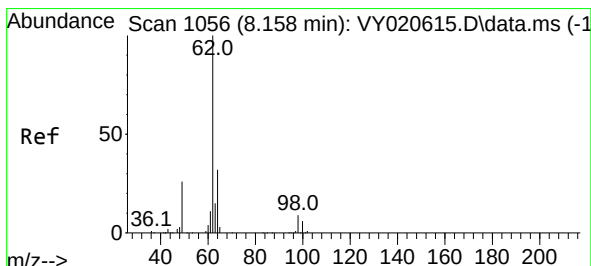
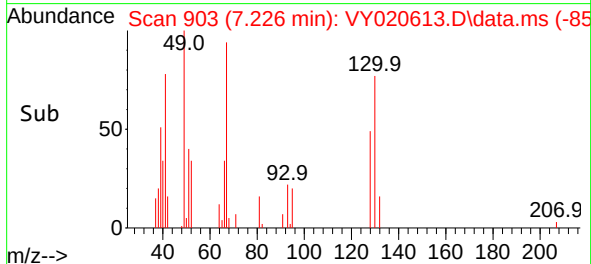
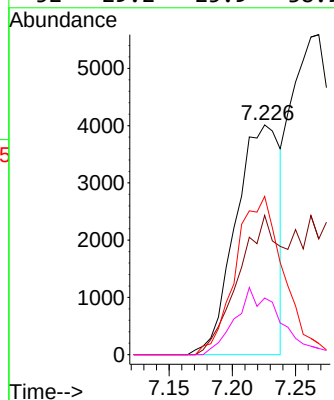
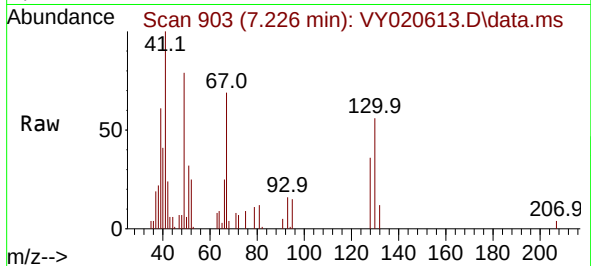




#41
Methacrylonitrile
Concen: 11.653 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

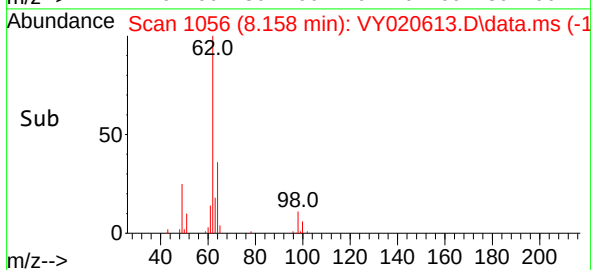
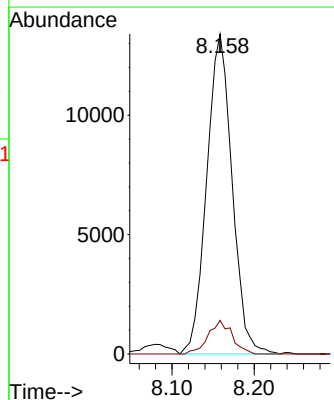
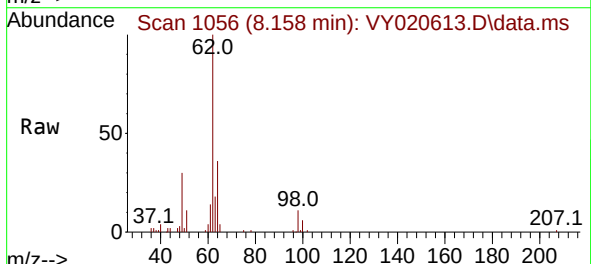
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

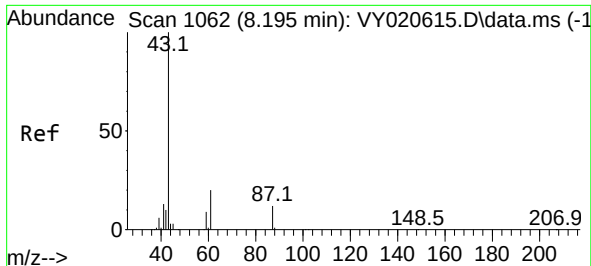
Tgt Ion:	41	Resp:	9800
Ion	Ratio	Lower	Upper
41	100		
39	61.3	53.6	80.4
67	74.4	62.0	93.0
52	29.2	25.9	38.9



#42
1,2-Dichloroethane
Concen: 10.931 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion:	62	Resp:	28739
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.0

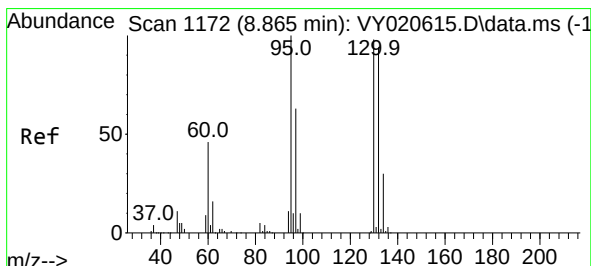
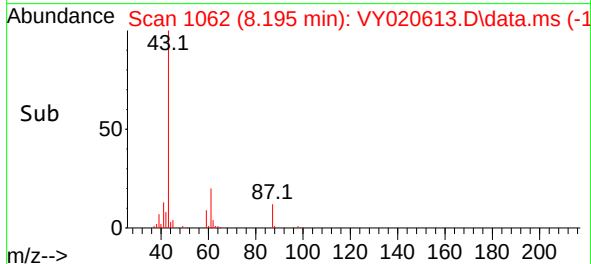
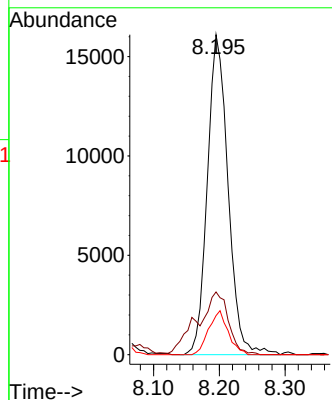
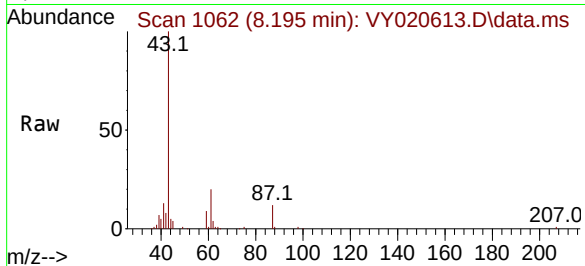




#43
Isopropyl Acetate
Concen: 11.721 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

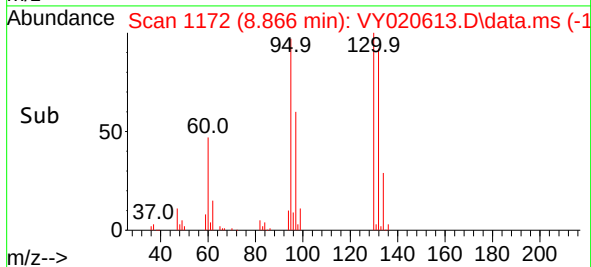
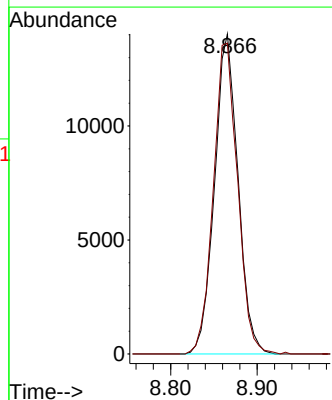
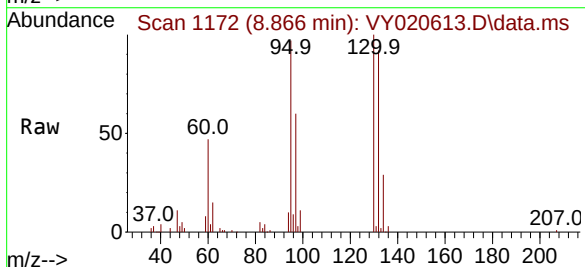
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

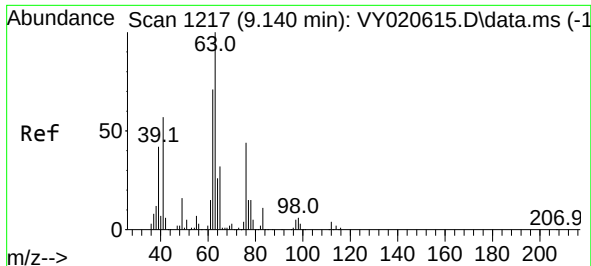
Tgt Ion: 43 Resp: 35299
Ion Ratio Lower Upper
43 100
61 20.6 23.8 35.6#
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 10.834 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion:130 Resp: 26388
Ion Ratio Lower Upper
130 100
95 97.2 0.0 203.2





#45

1,2-Dichloropropane

Concen: 10.743 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

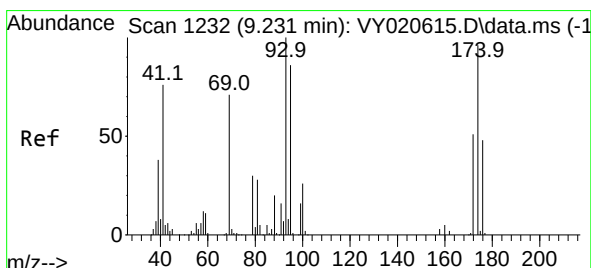
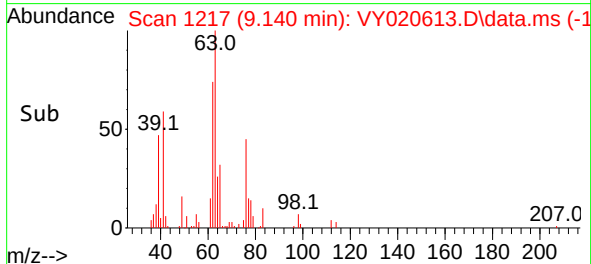
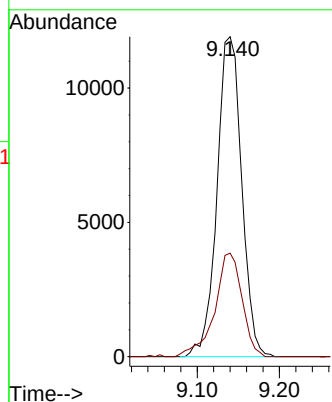
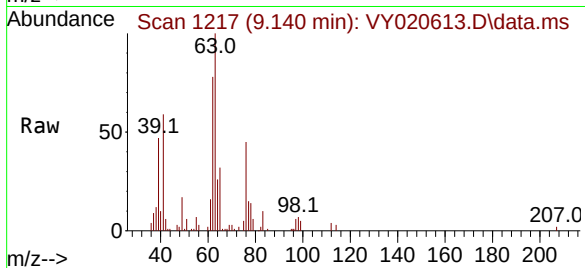
VSTDICC010

Tgt Ion: 63 Resp: 24889

Ion Ratio Lower Upper

63 100

65 32.3 25.9 38.9



#46

Dibromomethane

Concen: 11.242 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

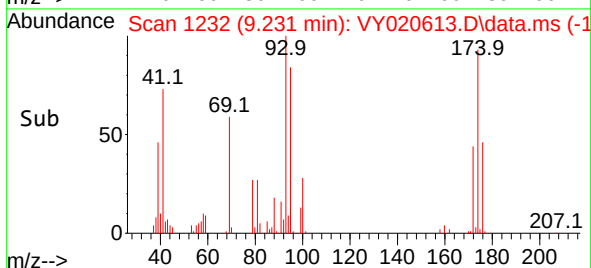
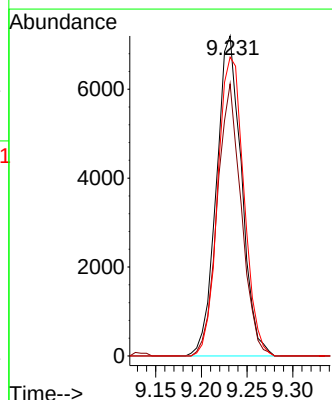
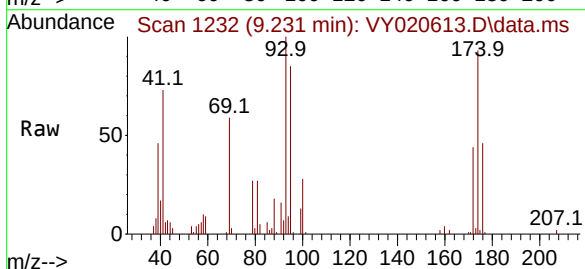
Tgt Ion: 93 Resp: 13764

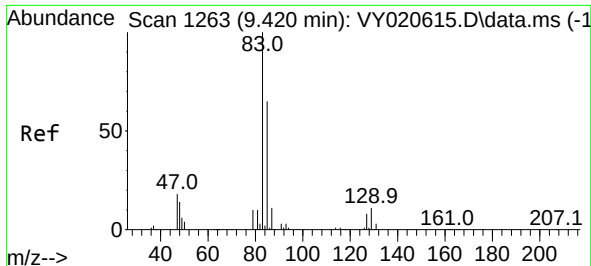
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

174 97.0 77.8 116.6

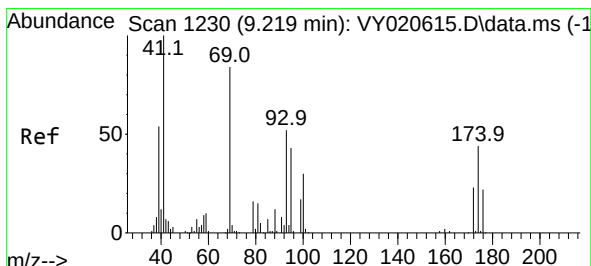
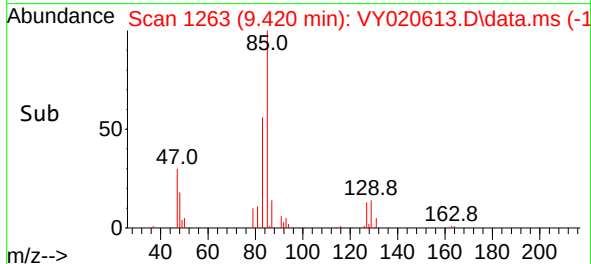
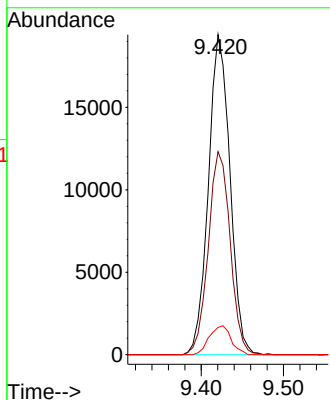
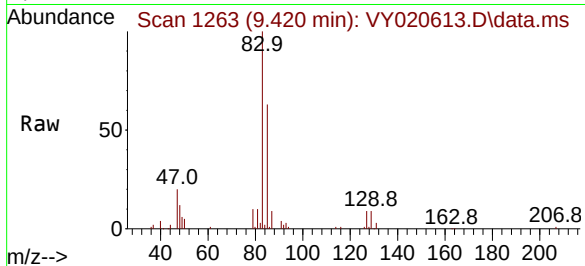




#47
Bromodichloromethane
Concen: 10.689 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

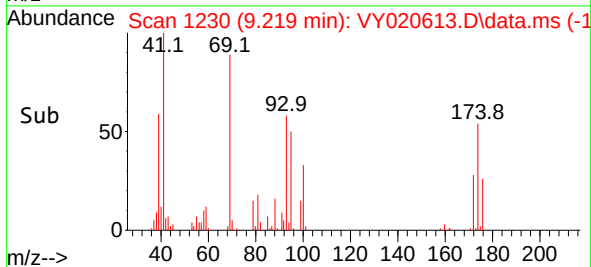
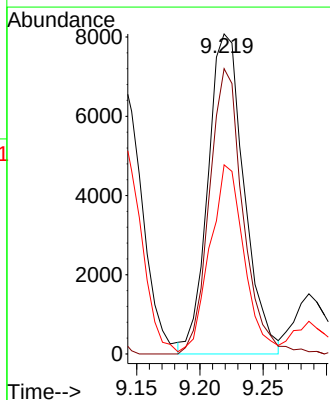
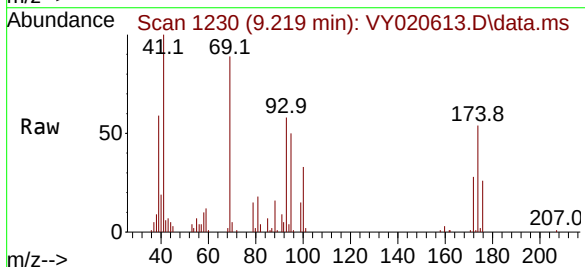
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

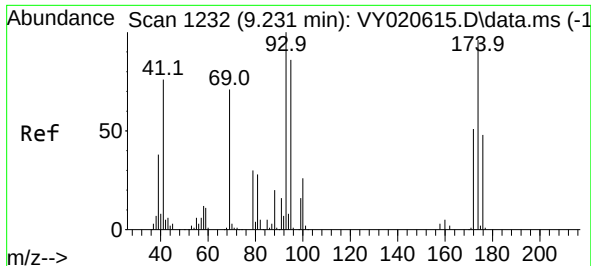
Tgt Ion: 83	Resp:	35352	
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.1	78.1
127	8.5	6.7	10.1



#48
Methyl methacrylate
Concen: 11.218 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 41	Resp: 16060
Ion Ratio	Lower Upper
41 100	
69 83.4	67.2 100.8
39 54.3	42.2 63.4





#49

1,4-Dioxane

Concen: 237.872 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

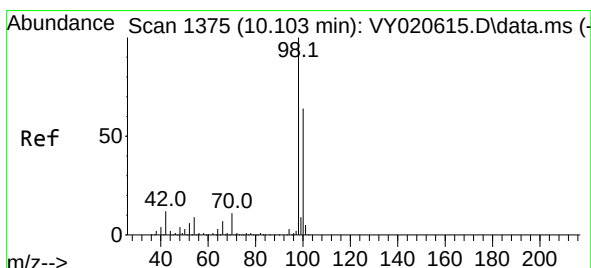
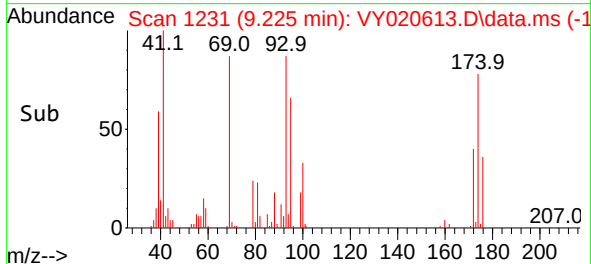
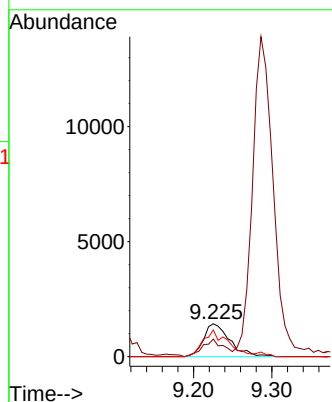
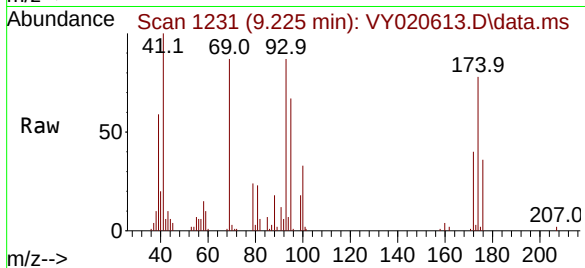
Tgt Ion: 88 Resp: 3340

Ion Ratio Lower Upper

88 100

43 42.2 27.6 41.4#

58 76.6 61.7 92.5



#50

Toluene-d8

Concen: 10.653 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020613.D

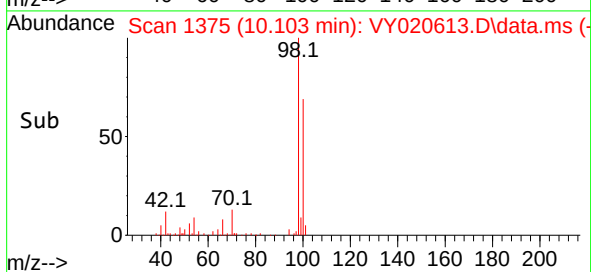
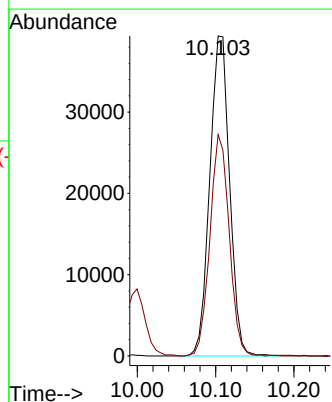
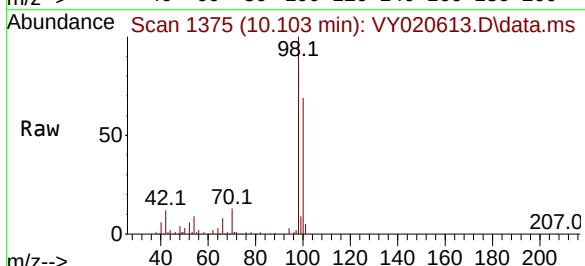
Acq: 17 Dec 2024 10:01

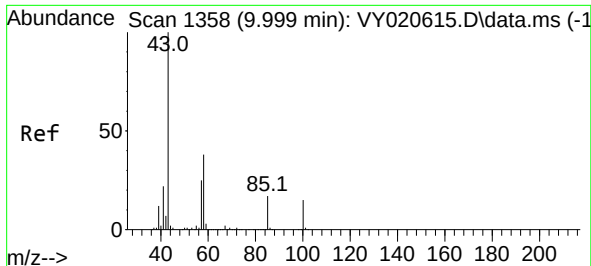
Tgt Ion: 98 Resp: 69155

Ion Ratio Lower Upper

98 100

100 67.3 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 60.180 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

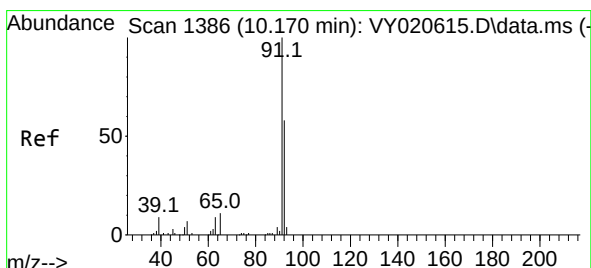
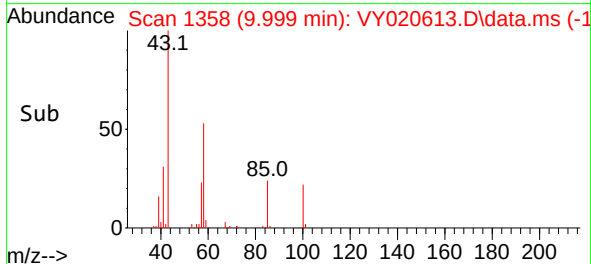
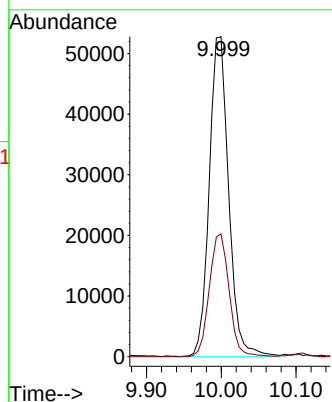
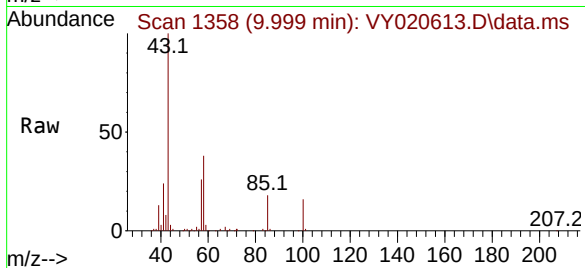
VSTDICC010

Tgt Ion: 43 Resp: 95663

Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2



#52

Toluene

Concen: 10.657 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020613.D

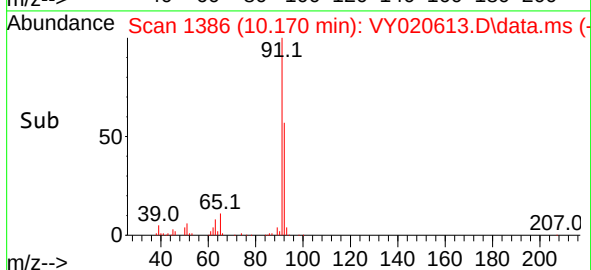
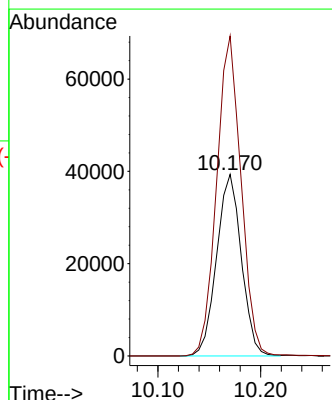
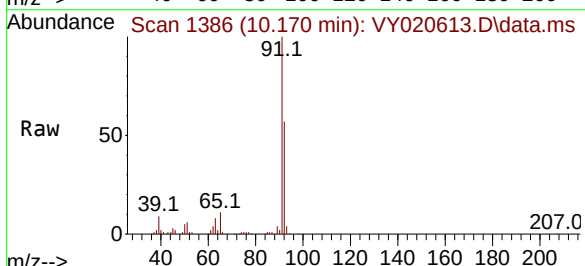
Acq: 17 Dec 2024 10:01

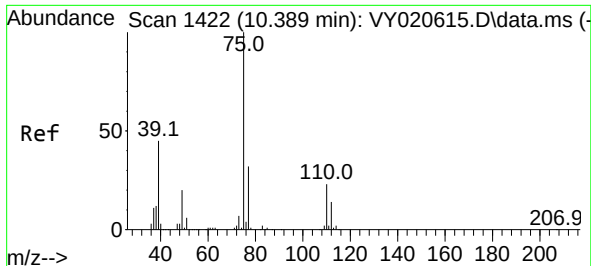
Tgt Ion: 92 Resp: 65651

Ion Ratio Lower Upper

92 100

91 174.4 137.4 206.0

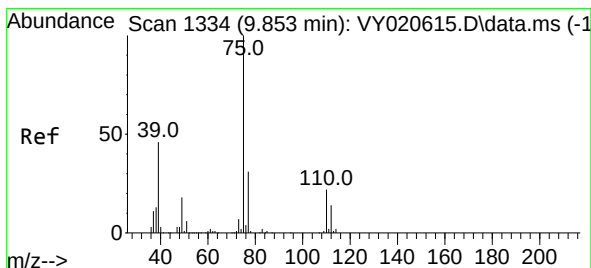
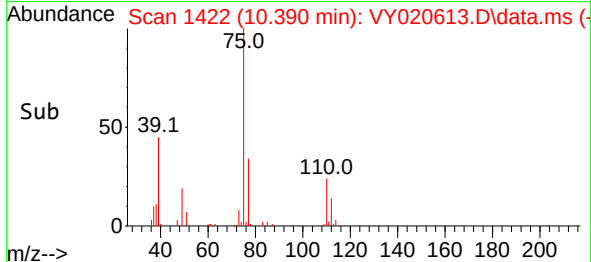
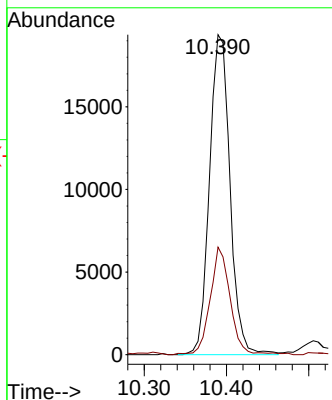
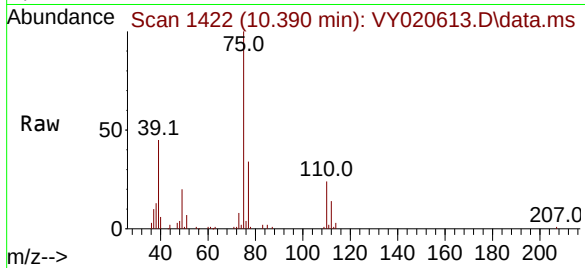




#53
t-1,3-Dichloropropene
Concen: 10.892 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

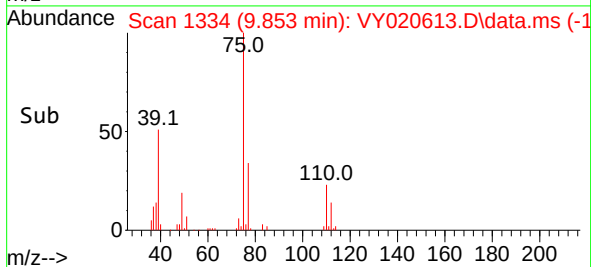
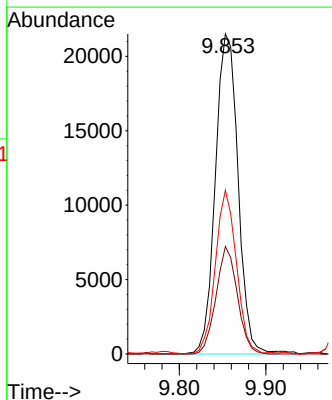
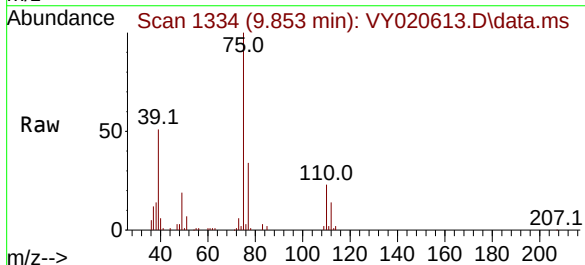
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

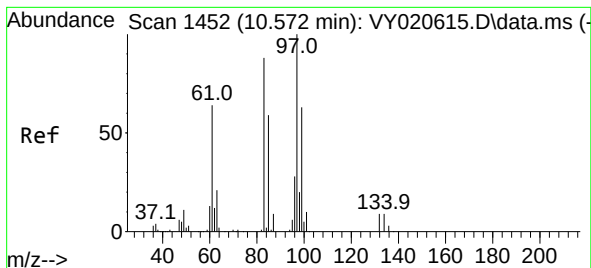
Tgt Ion: 75 Resp: 33566
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 10.698 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 75 Resp: 39068
Ion Ratio Lower Upper
75 100
77 33.6 24.6 36.8
39 50.9 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 11.181 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 97 Resp: 18100

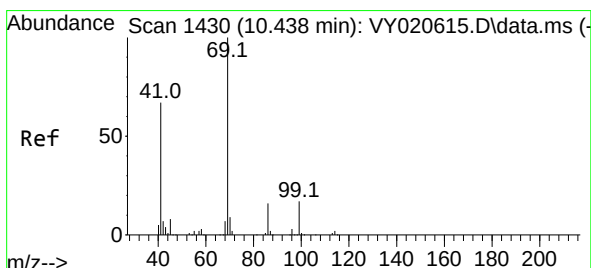
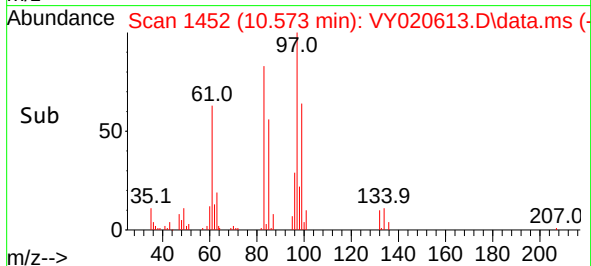
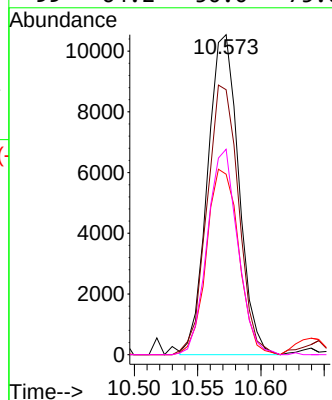
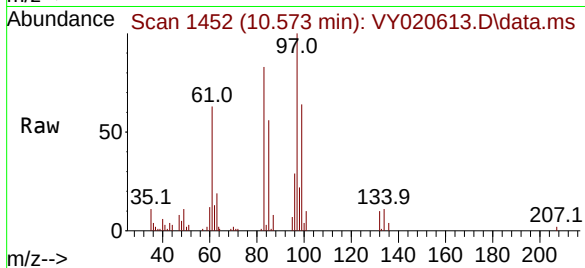
Ion Ratio Lower Upper

97 100

83 82.8 70.4 105.6

85 56.4 47.2 70.8

99 64.2 50.0 75.0



#56

Ethyl methacrylate

Concen: 10.877 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

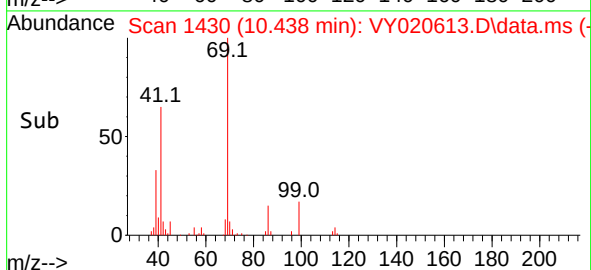
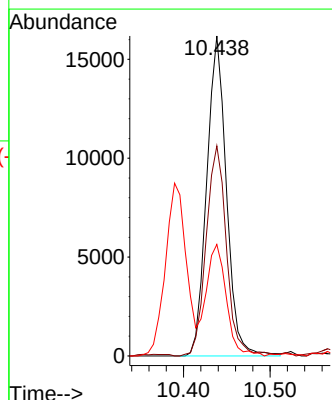
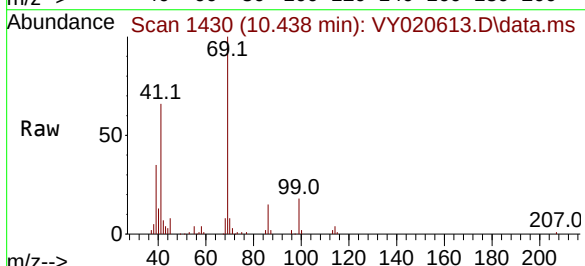
Tgt Ion: 69 Resp: 25543

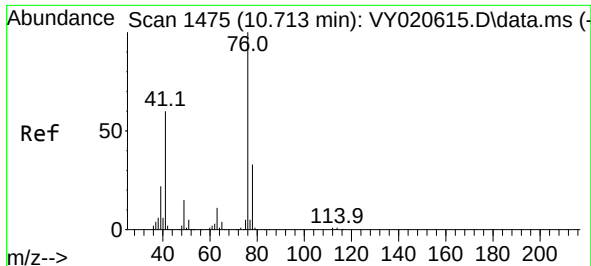
Ion Ratio Lower Upper

69 100

41 68.1 54.0 81.0

39 36.0 27.9 41.9





#57

1,3-Dichloropropane

Concen: 11.099 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

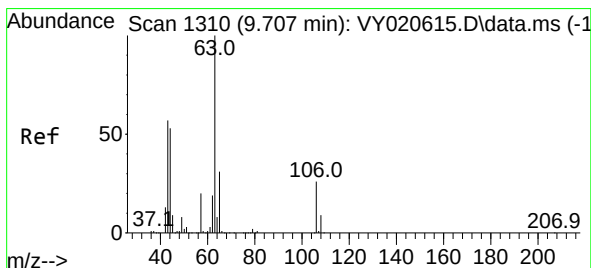
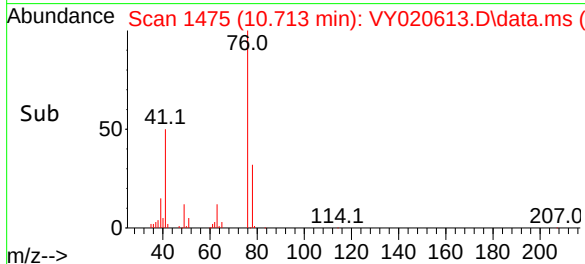
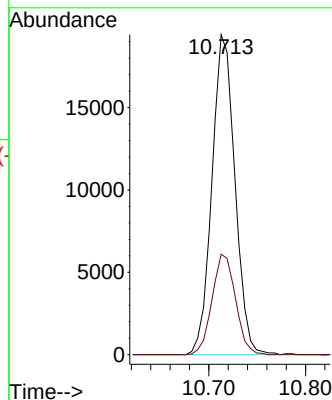
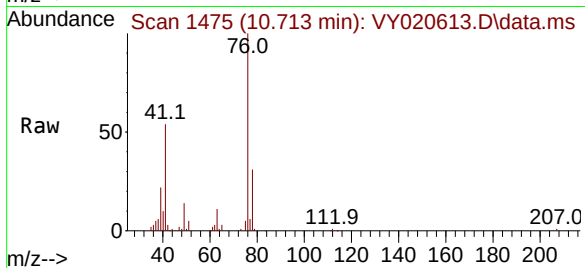
VSTDICC010

Tgt Ion: 76 Resp: 32029

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 52.537 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020613.D

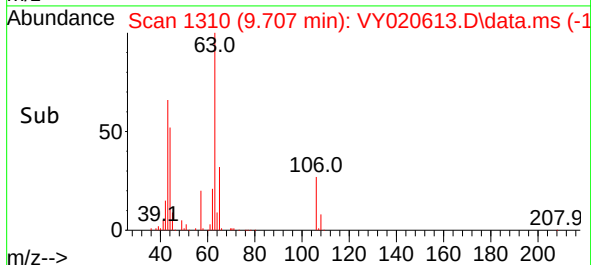
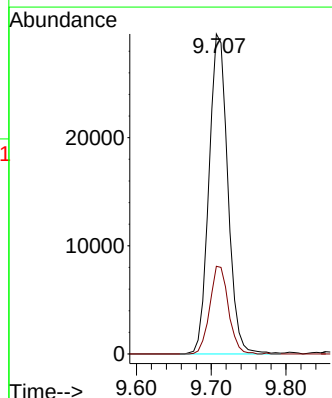
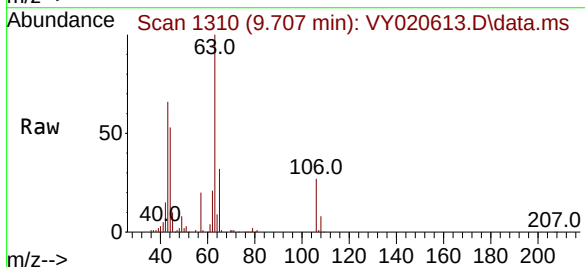
Acq: 17 Dec 2024 10:01

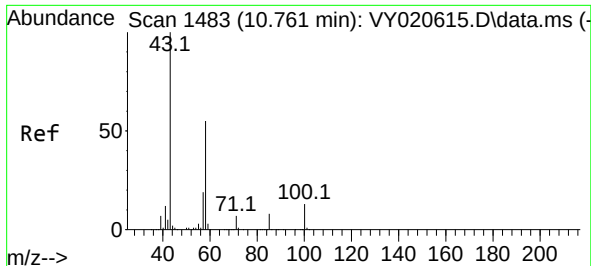
Tgt Ion: 63 Resp: 51913

Ion Ratio Lower Upper

63 100

106 27.1 21.5 32.3





#59

2-Hexanone

Concen: 57.933 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

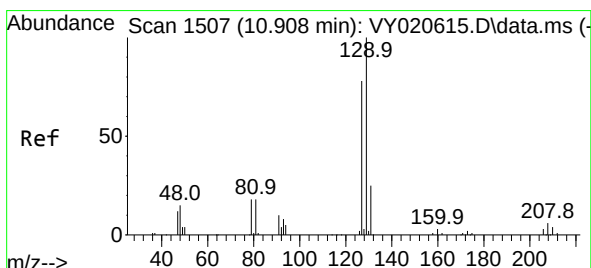
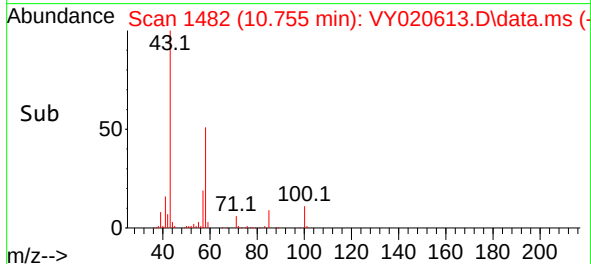
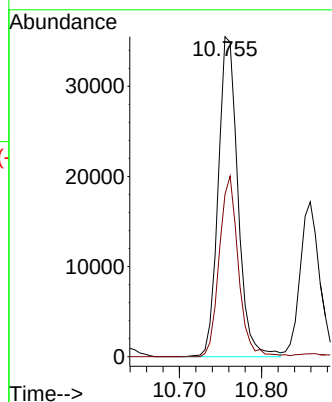
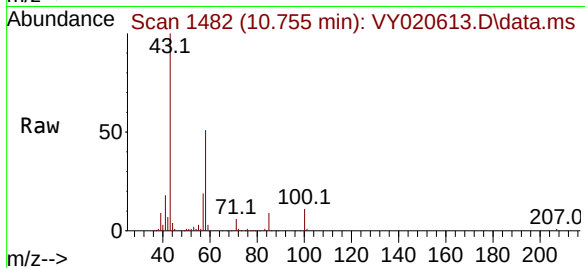
VSTDIC010

Tgt Ion: 43 Resp: 59126

Ion Ratio Lower Upper

43 100

58 54.7 27.2 81.6



#60

Dibromochloromethane

Concen: 10.878 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY020613.D

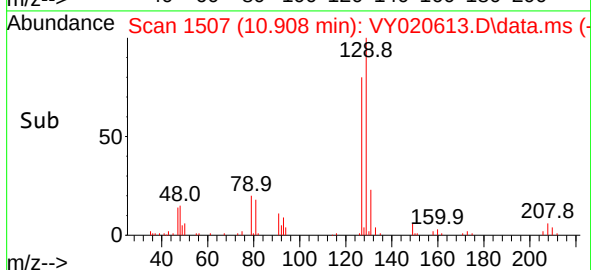
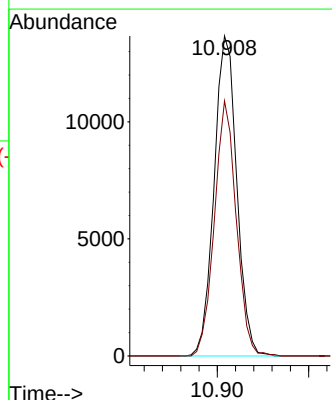
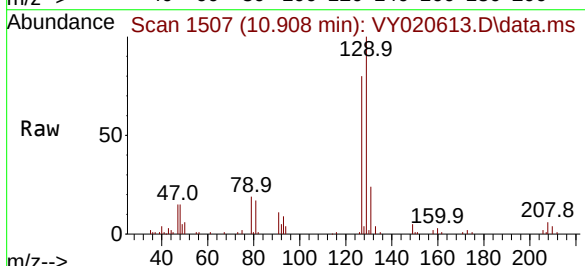
Acq: 17 Dec 2024 10:01

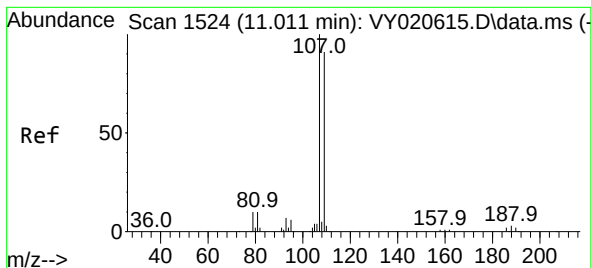
Tgt Ion:129 Resp: 23549

Ion Ratio Lower Upper

129 100

127 76.9 38.1 114.3

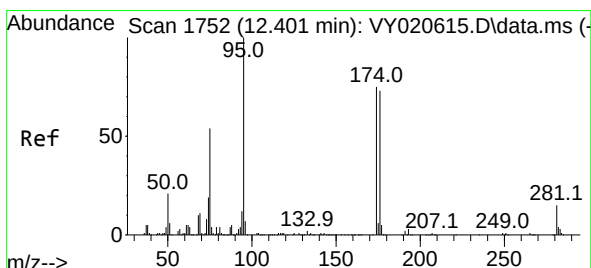
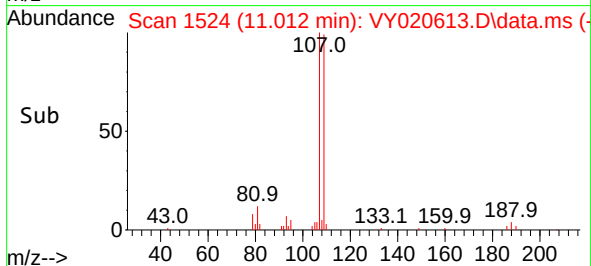
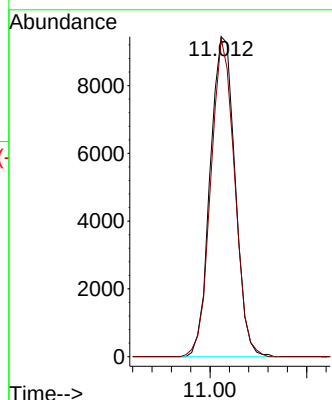
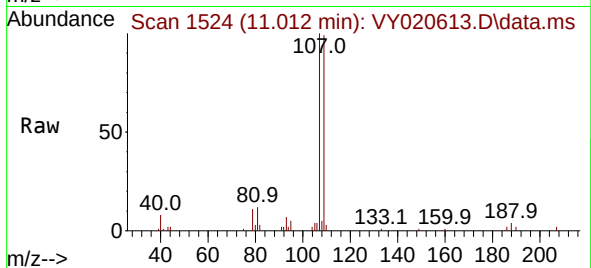




#61
1,2-Dibromoethane
Concen: 11.162 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

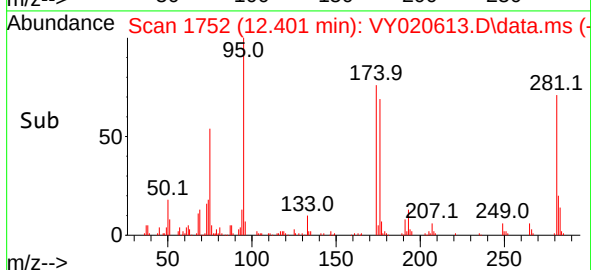
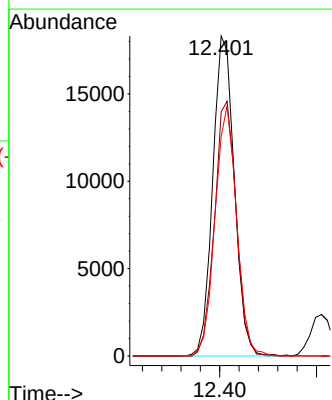
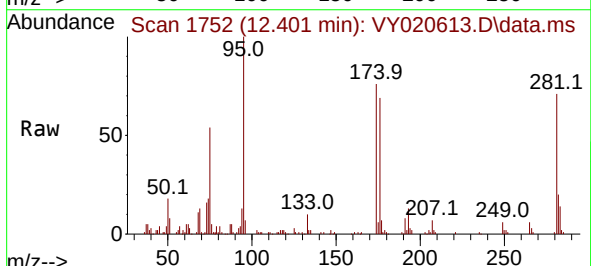
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

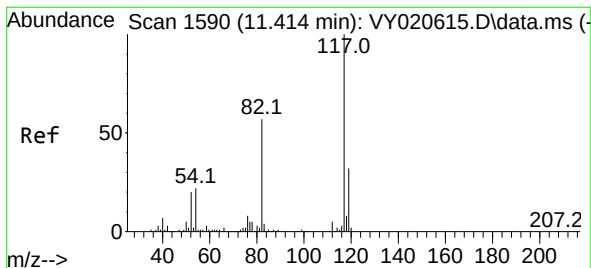
Tgt Ion:107 Resp: 16807
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 11.154 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 95 Resp: 28323
Ion Ratio Lower Upper
95 100
174 80.6 0.0 161.8
176 78.3 0.0 156.6

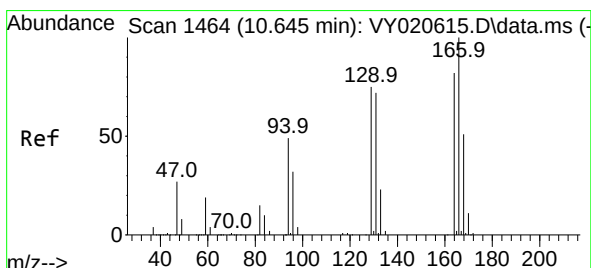
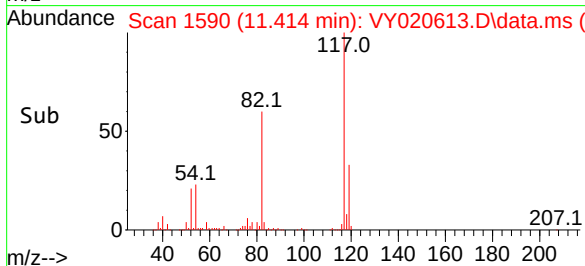
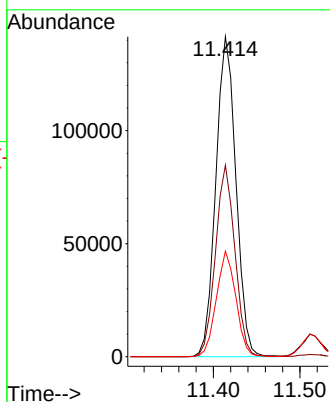
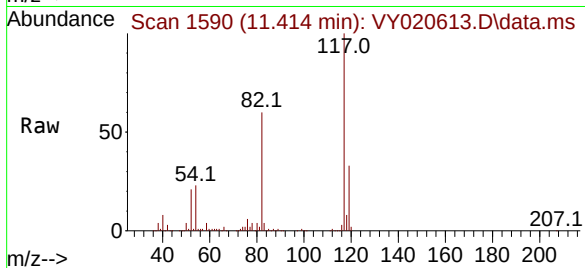




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

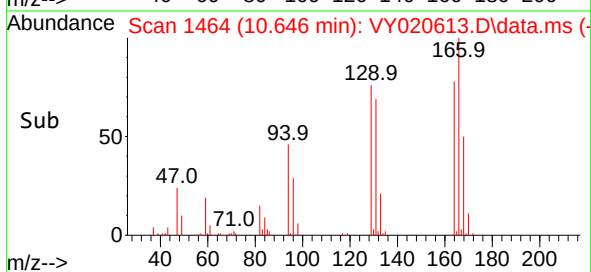
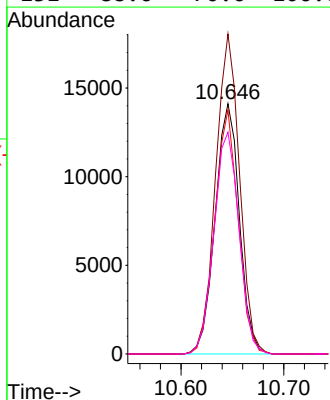
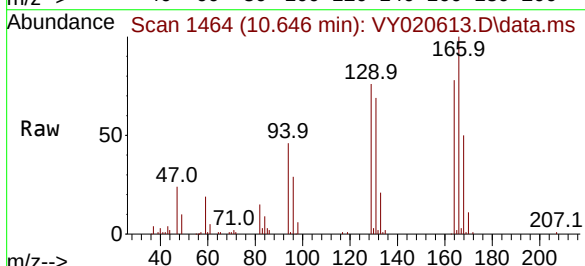
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

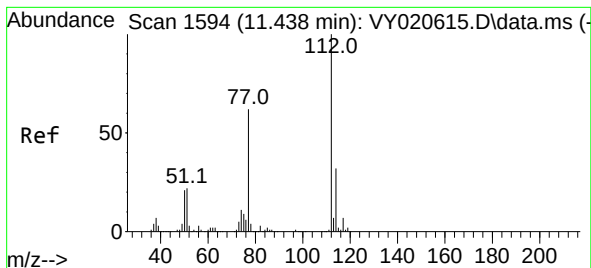
Tgt Ion:117 Resp: 228550
Ion Ratio Lower Upper
117 100
82 59.9 45.8 68.6
119 33.0 25.3 37.9



#64
Tetrachloroethene
Concen: 10.744 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion:164 Resp: 23098
Ion Ratio Lower Upper
164 100
166 127.9 97.9 146.9
129 97.5 73.4 110.0
131 88.6 70.6 106.0





#65

Chlorobenzene

Concen: 10.738 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

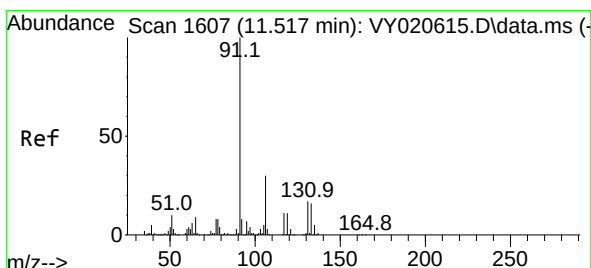
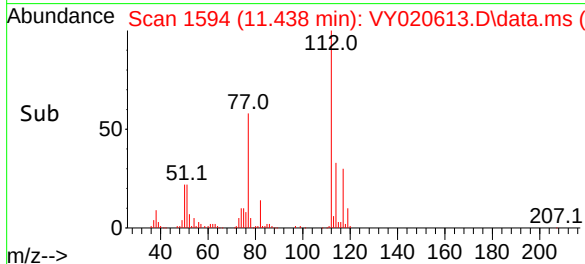
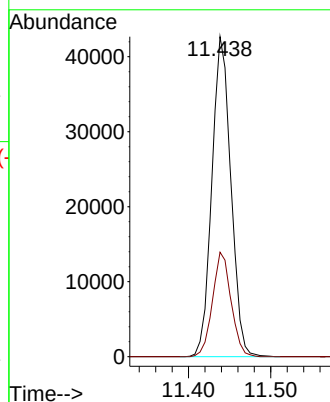
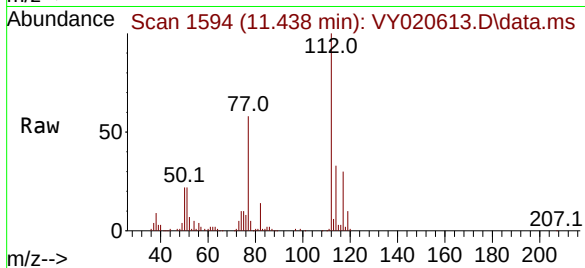
VSTDIC010

Tgt Ion:112 Resp: 68621

Ion Ratio Lower Upper

112 100

114 32.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 11.065 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

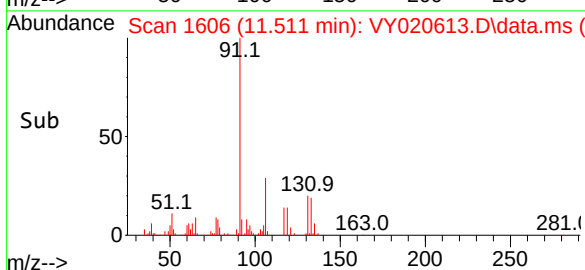
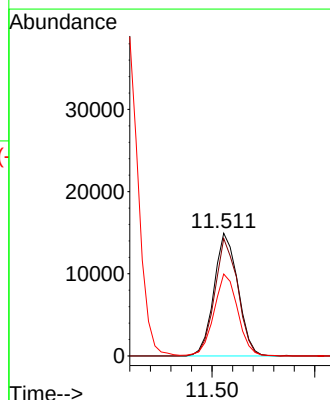
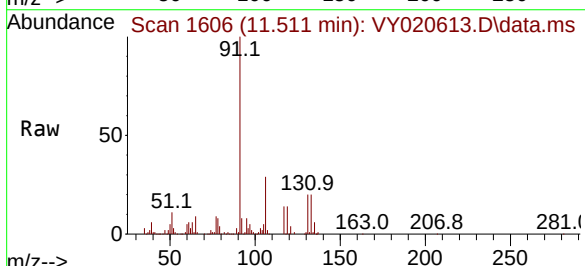
Tgt Ion:131 Resp: 24180

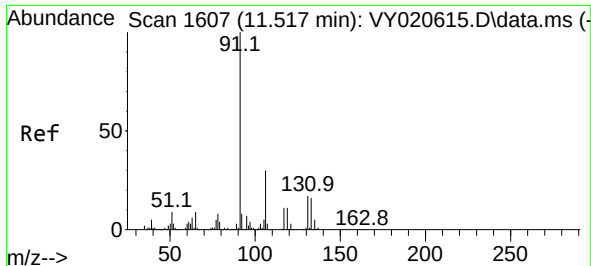
Ion Ratio Lower Upper

131 100

133 92.6 46.8 140.3

119 66.5 31.8 95.3





#67

Ethyl Benzene

Concen: 10.649 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

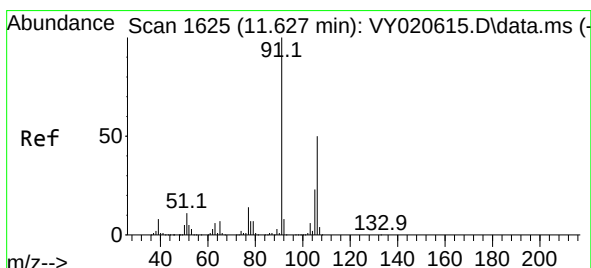
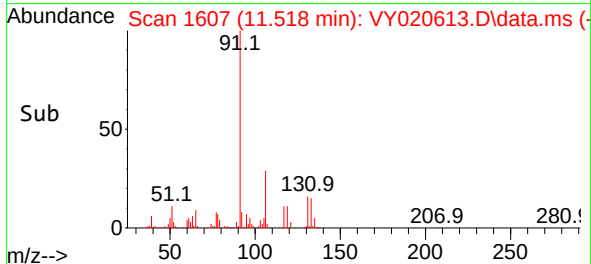
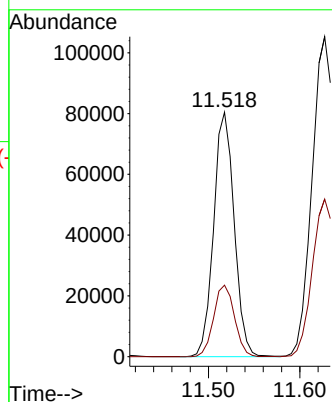
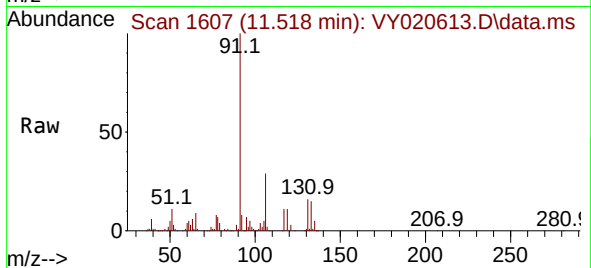
VSTDIC010

Tgt Ion: 91 Resp: 125547

Ion Ratio Lower Upper

91 100

106 29.2 23.9 35.9



#68

m/p-Xylenes

Concen: 21.506 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020613.D

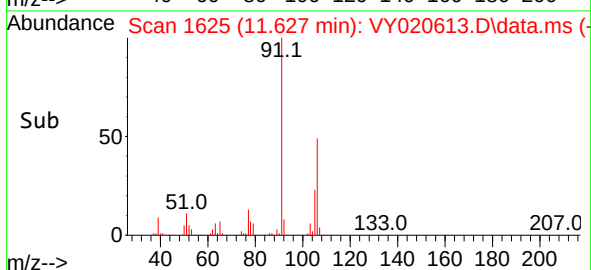
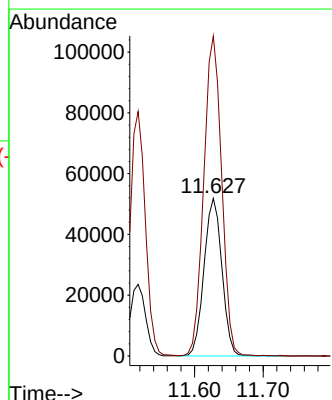
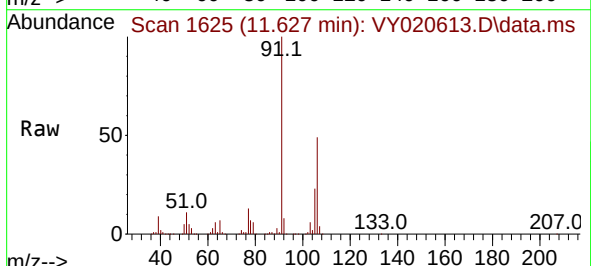
Acq: 17 Dec 2024 10:01

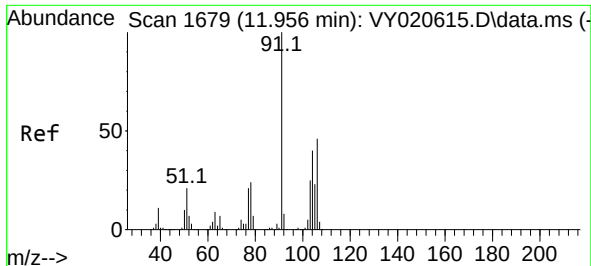
Tgt Ion: 106 Resp: 94273

Ion Ratio Lower Upper

106 100

91 202.6 165.0 247.4

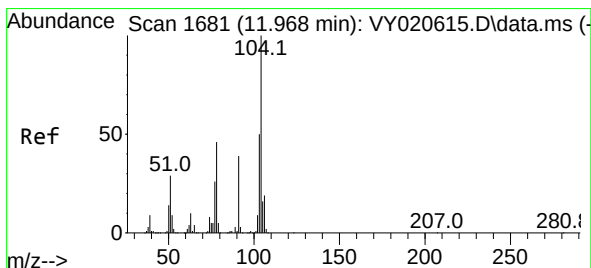
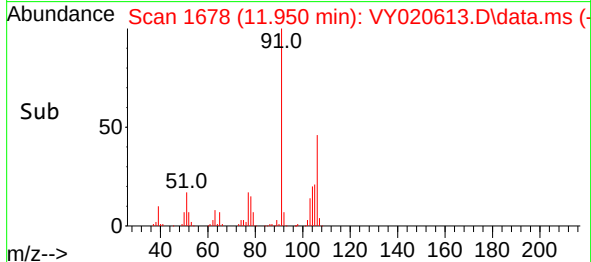
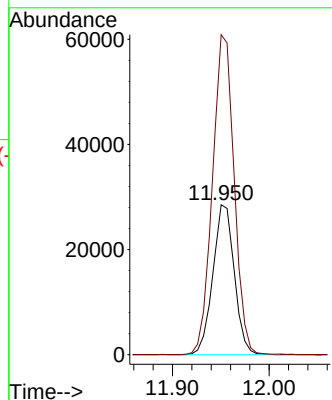
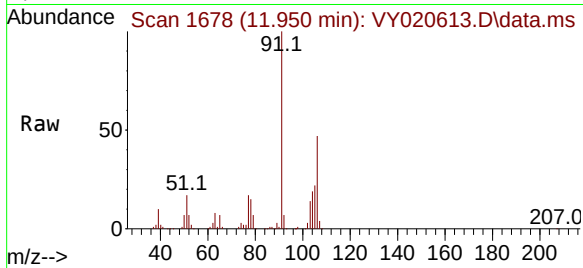




#69
o-Xylene
Concen: 10.684 ug/l
RT: 11.950 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

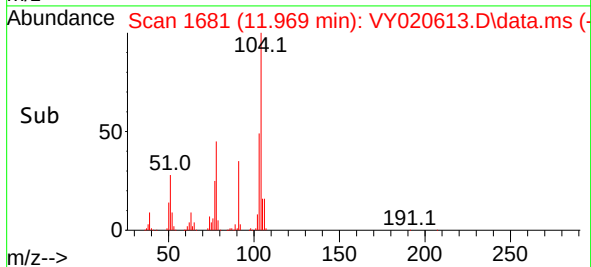
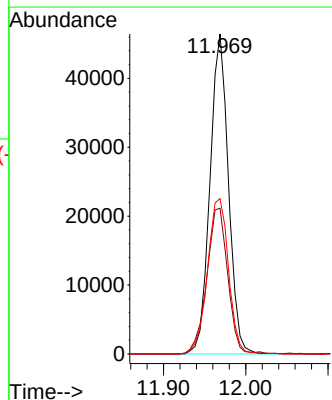
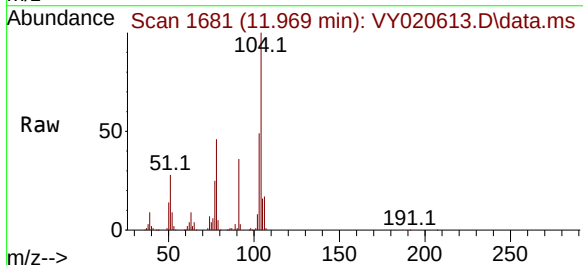
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

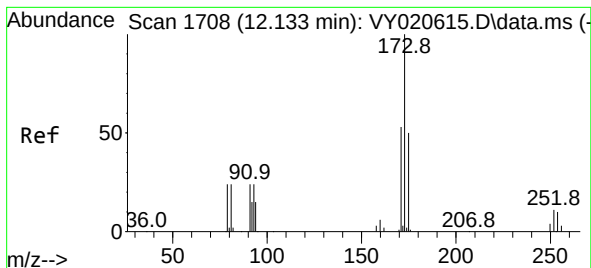
Tgt Ion:106 Resp: 43697
Ion Ratio Lower Upper
106 100
91 217.0 108.4 325.2



#70
Styrene
Concen: 10.612 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion:104 Resp: 72514
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 55.4 43.7 65.5





#71

Bromoform

Concen: 11.250 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

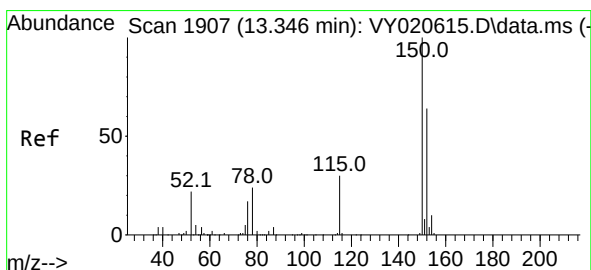
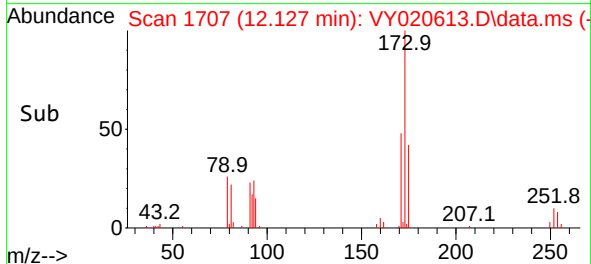
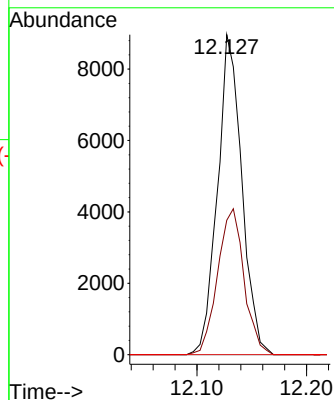
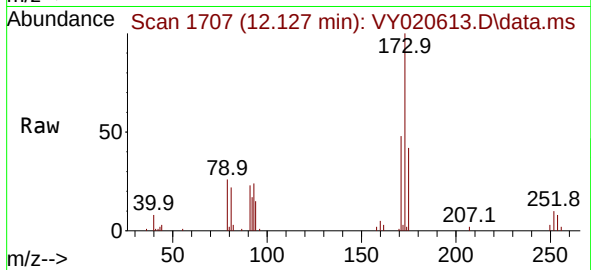
Tgt Ion:173 Resp: 13822

Ion Ratio Lower Upper

173 100

175 49.5 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

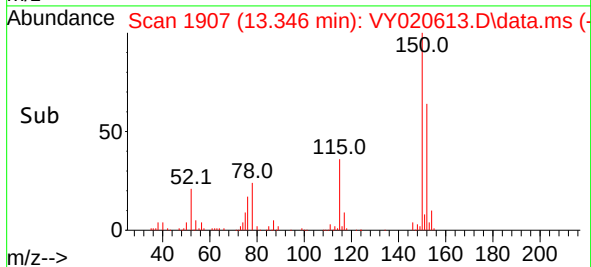
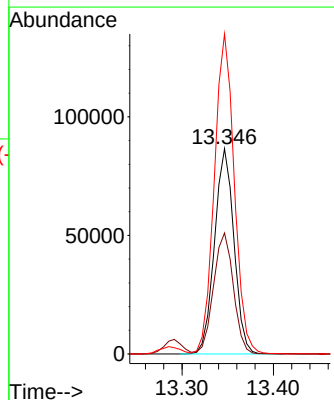
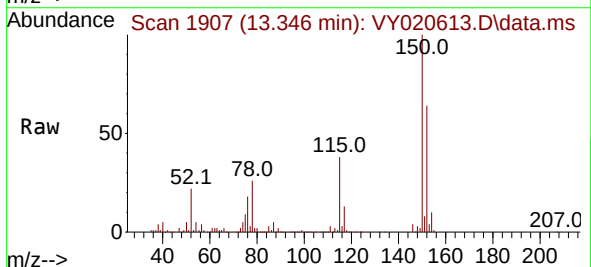
Tgt Ion:152 Resp: 127910

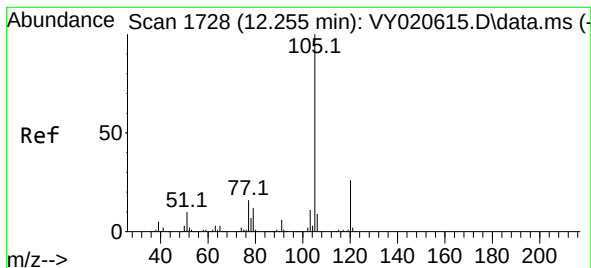
Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

150 160.3 0.0 355.4





#73

Isopropylbenzene

Concen: 10.624 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

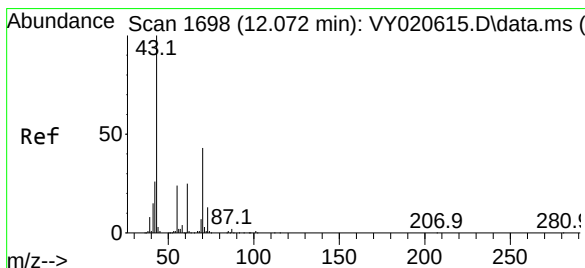
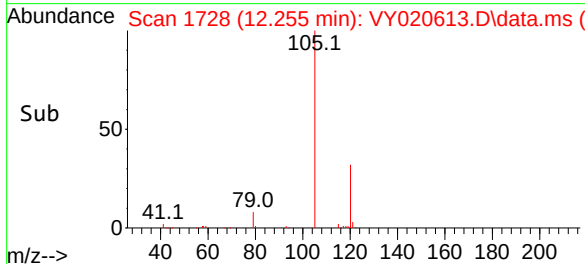
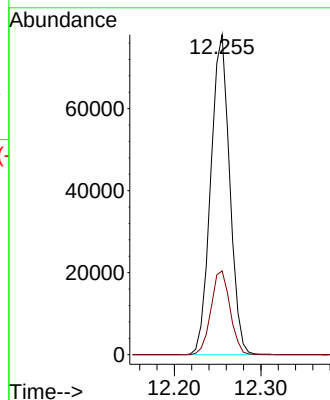
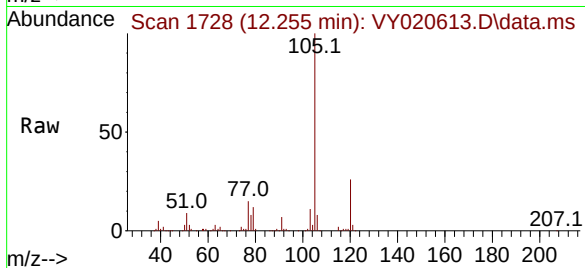
VSTDIC010

Tgt Ion:105 Resp: 118590

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 11.093 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Tgt Ion: 43 Resp: 28977

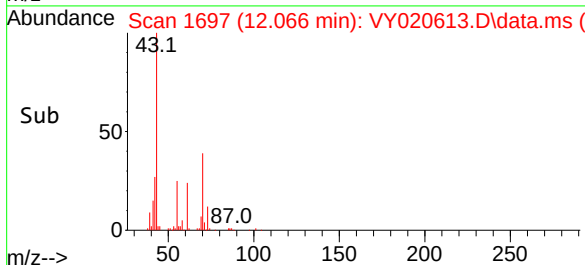
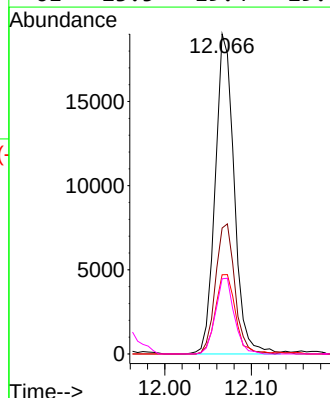
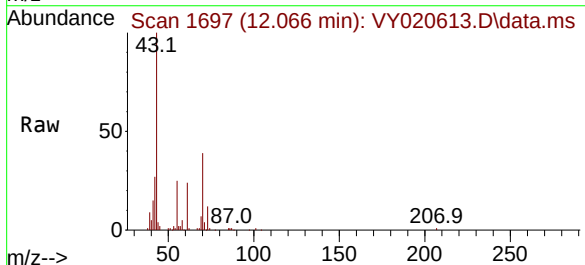
Ion Ratio Lower Upper

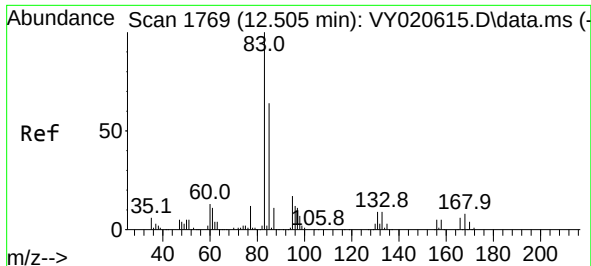
43 100

70 41.2 34.2 51.2

55 26.3 19.6 29.4

61 23.5 19.4 29.0

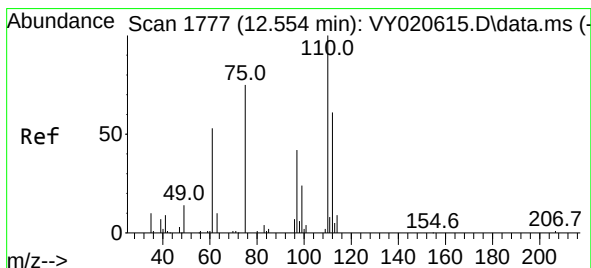
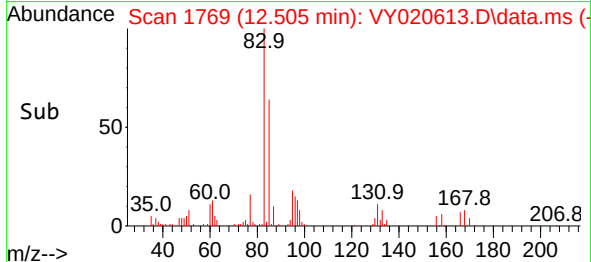
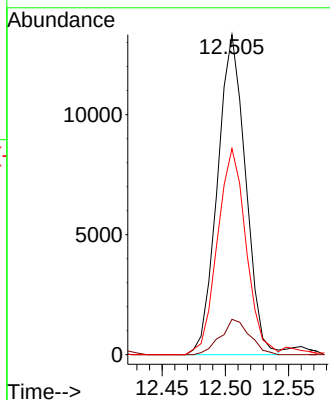
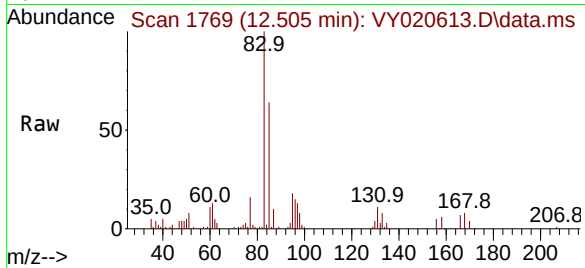




#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.352 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

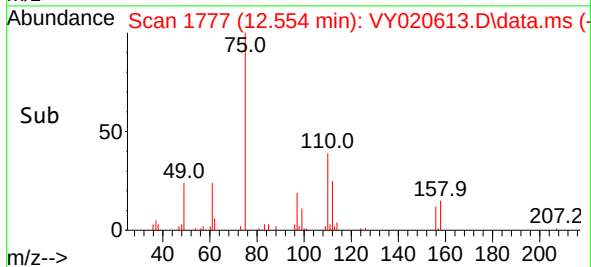
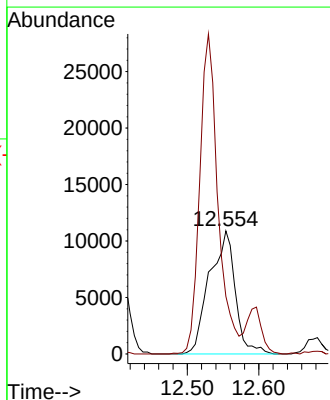
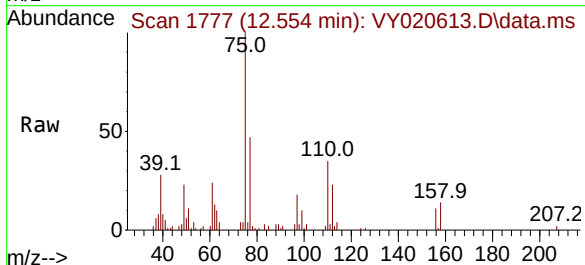
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

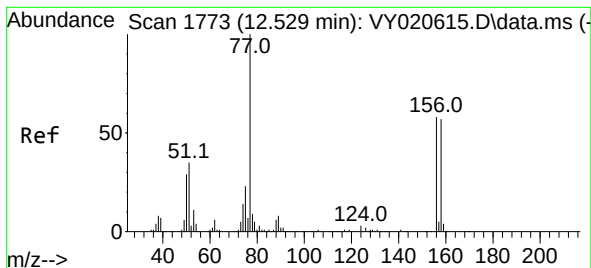
Tgt Ion: 83 Resp: 20569
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.2 15.6
 85 65.6 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 20.751 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY020613.D
 Acq: 17 Dec 2024 10:01

Tgt Ion: 75 Resp: 27338
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.591 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

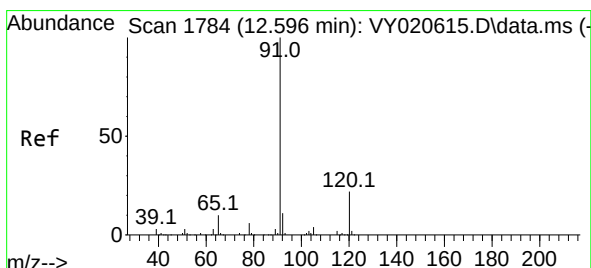
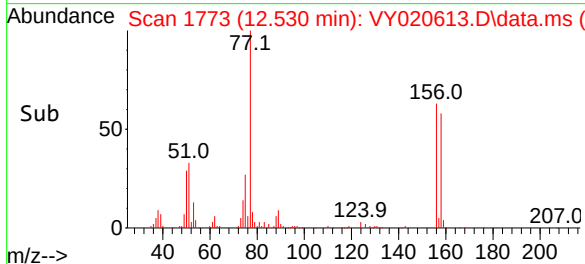
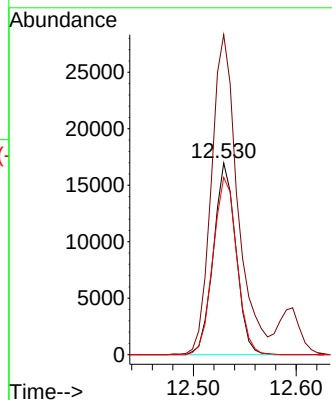
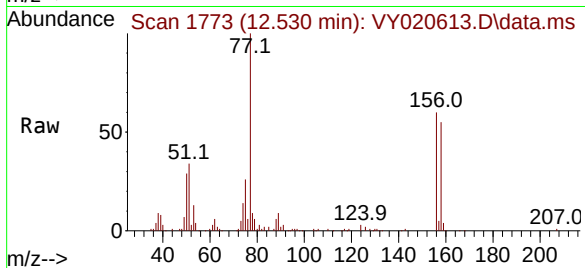
Tgt Ion:156 Resp: 25752

Ion Ratio Lower Upper

156 100

77 195.4 94.2 282.4

158 97.9 48.9 146.6



#78

n-propylbenzene

Concen: 10.588 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020613.D

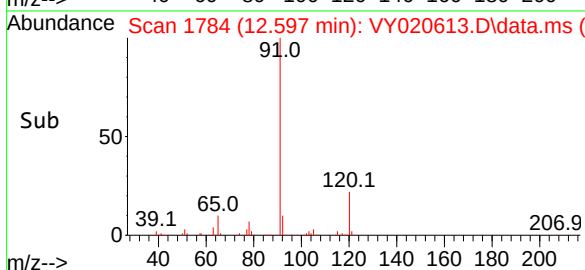
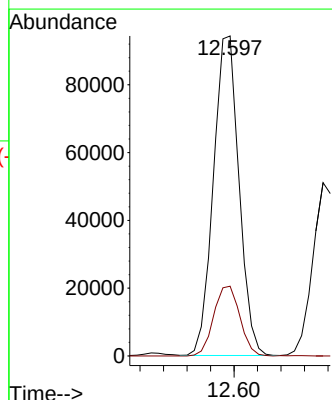
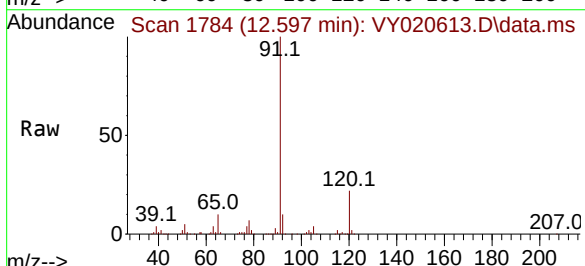
Acq: 17 Dec 2024 10:01

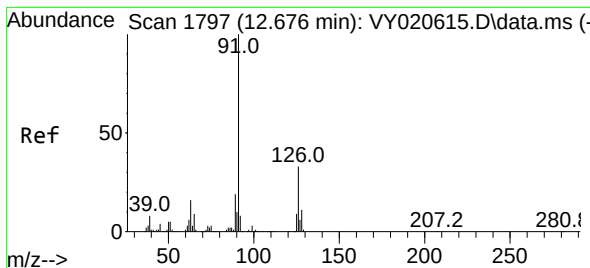
Tgt Ion: 91 Resp: 142396

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.1

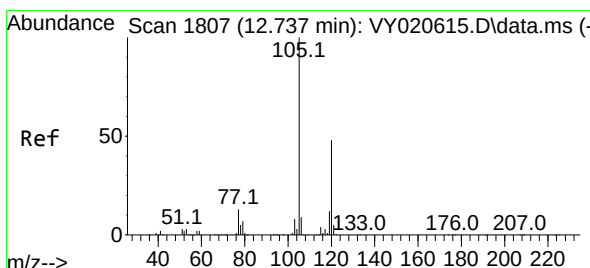
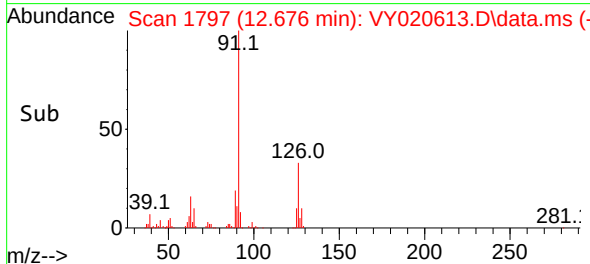
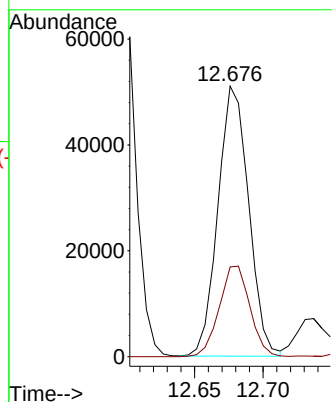
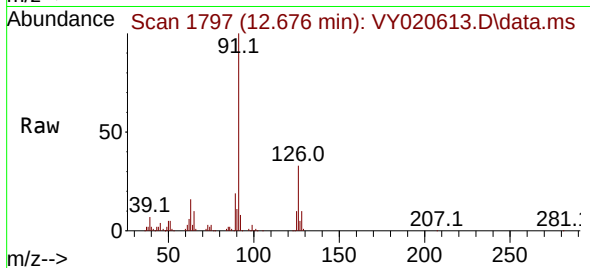




#79
2-Chlorotoluene
Concen: 10.527 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

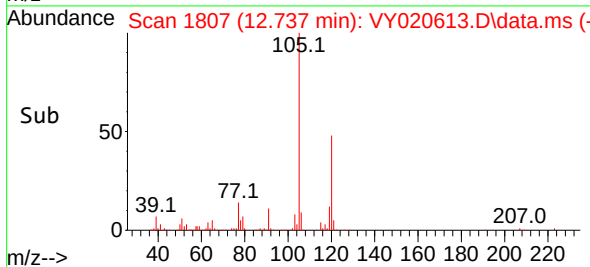
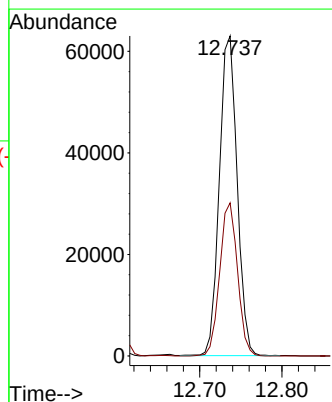
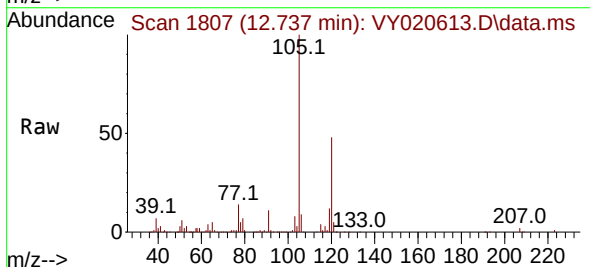
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

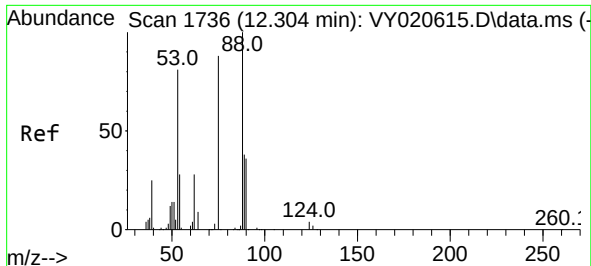
Tgt Ion: 91 Resp: 79651
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 10.453 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 105 Resp: 94672
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

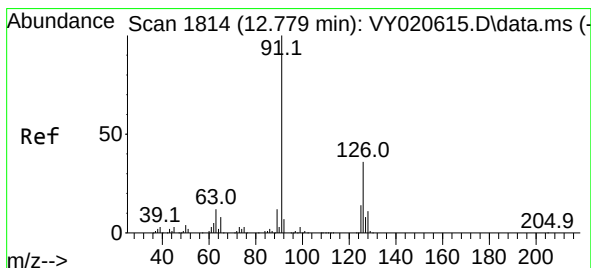
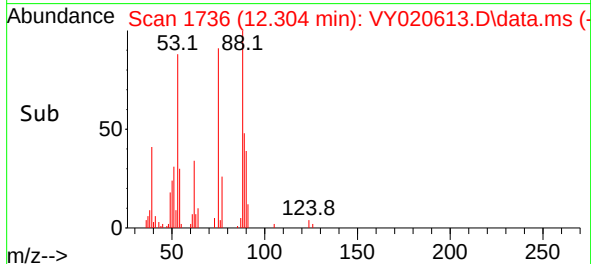
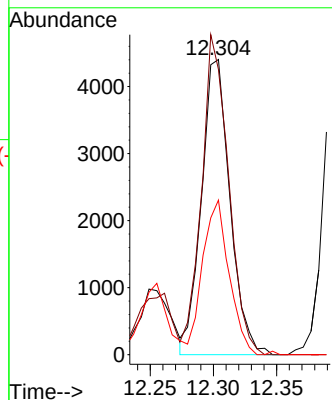
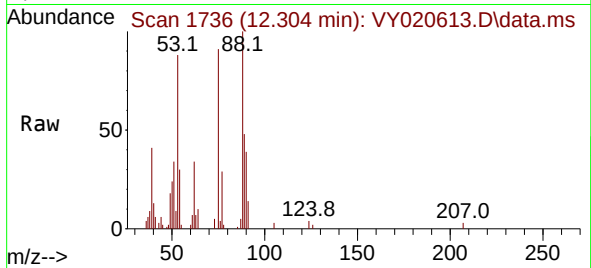




#81
trans-1,4-Dichloro-2-butene
Concen: 10.913 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

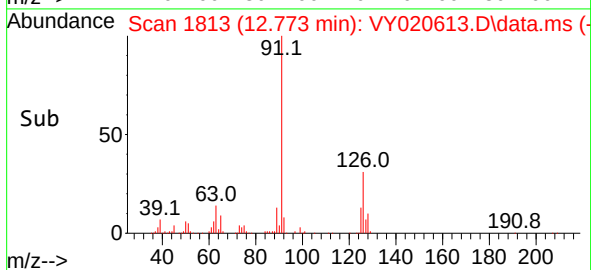
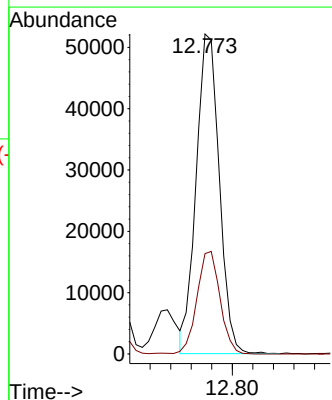
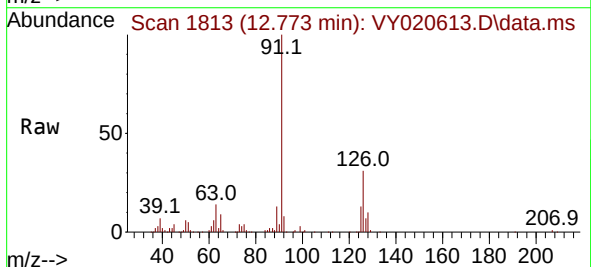
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

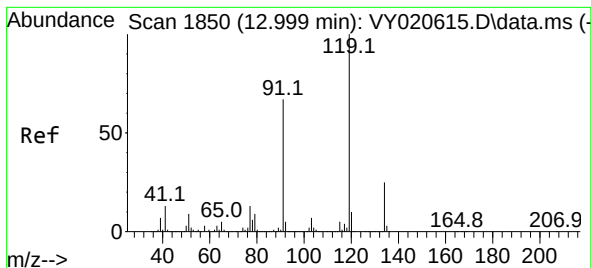
Tgt Ion: 75 Resp: 6908
Ion Ratio Lower Upper
75 100
53 102.6 75.4 113.2
89 48.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 10.380 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 91 Resp: 81482
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7





#83

tert-Butylbenzene

Concen: 10.534 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

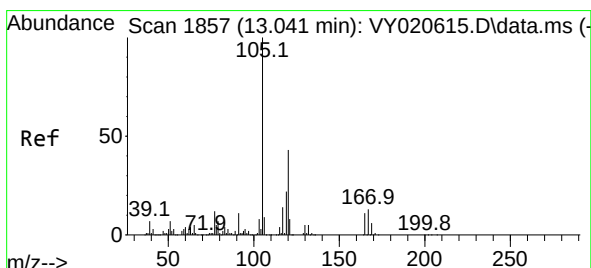
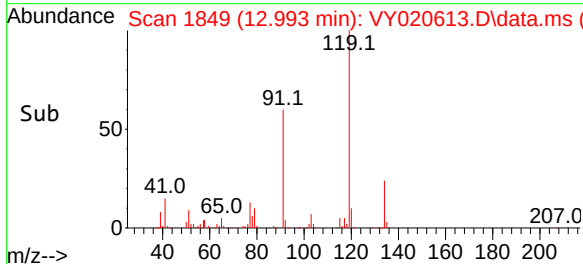
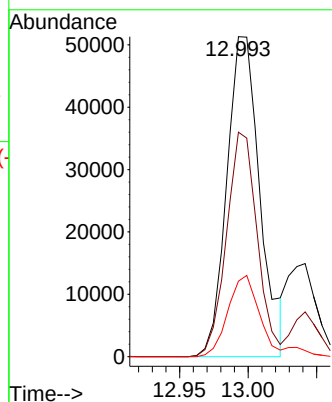
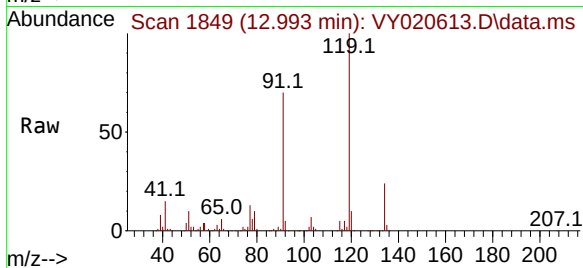
Tgt Ion:119 Resp: 86405

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 25.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 10.539 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020613.D

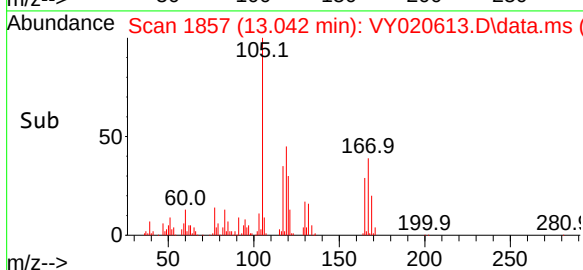
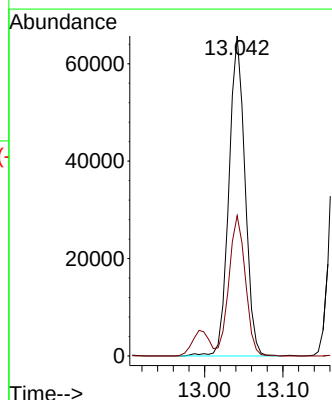
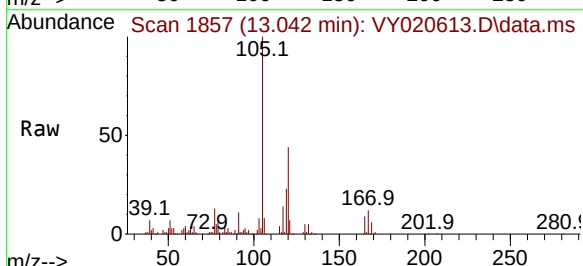
Acq: 17 Dec 2024 10:01

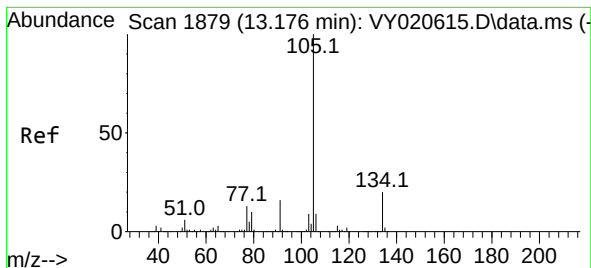
Tgt Ion:105 Resp: 93630

Ion Ratio Lower Upper

105 100

120 44.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 10.497 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

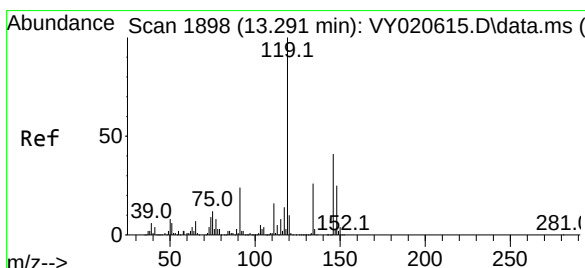
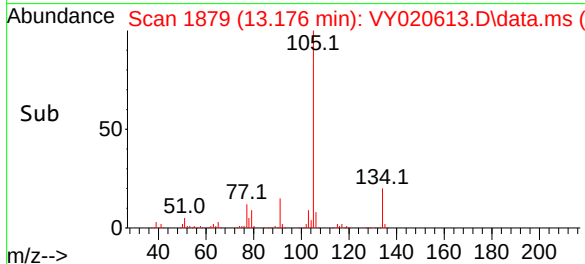
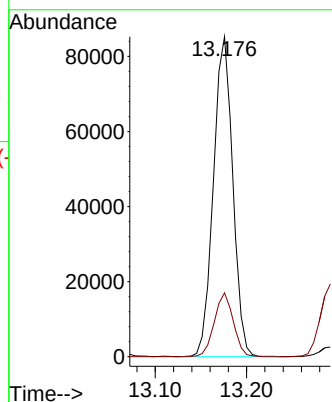
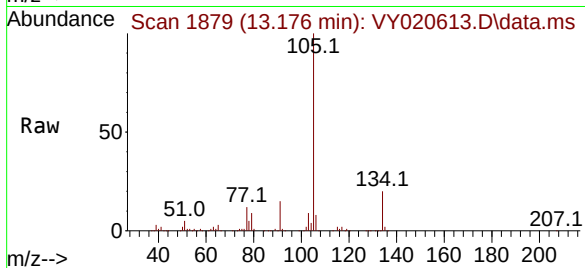
VSTDIC010

Tgt Ion:105 Resp: 125189

Ion Ratio Lower Upper

105 100

134 19.6 10.0 30.0



#86

p-Isopropyltoluene

Concen: 10.342 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

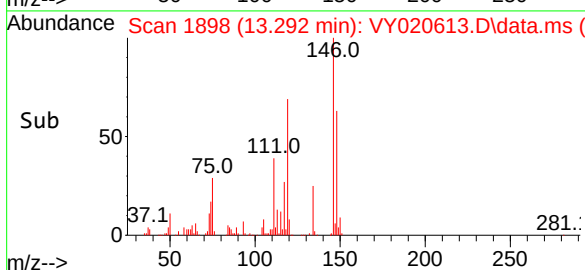
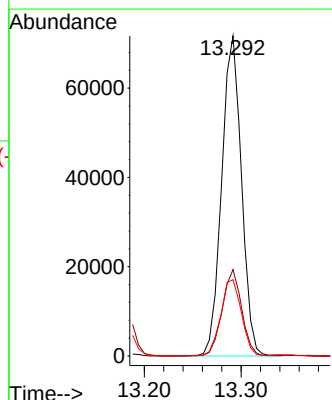
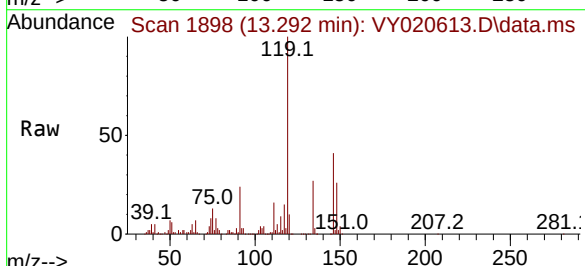
Tgt Ion:119 Resp: 101690

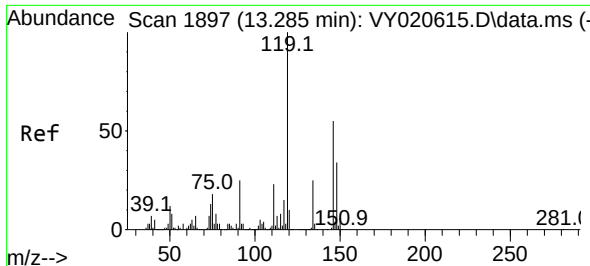
Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

91 24.7 12.1 36.3

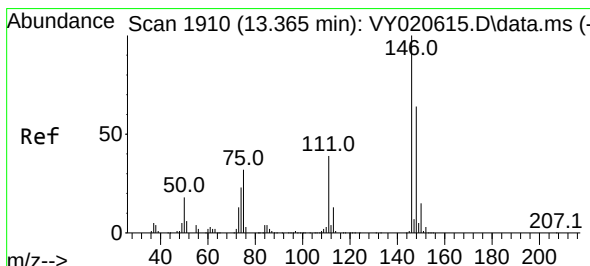
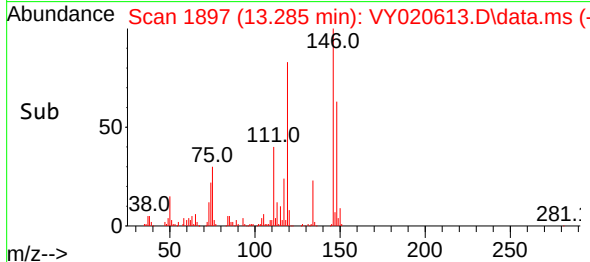
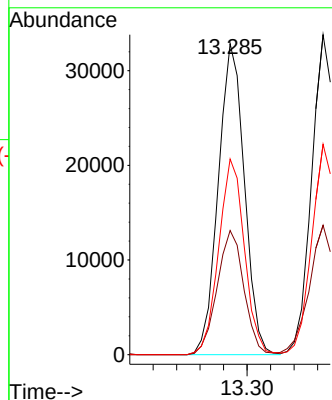
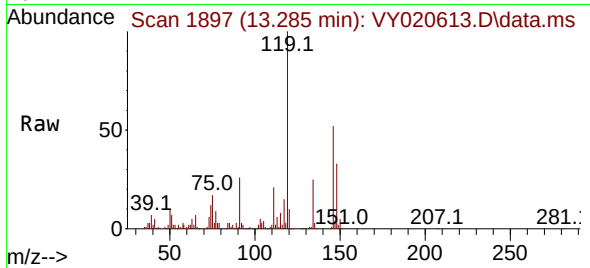




#87
1,3-Dichlorobenzene
Concen: 10.561 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

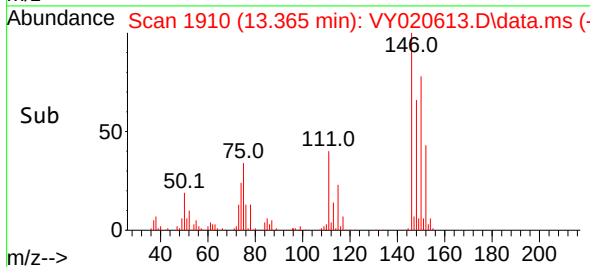
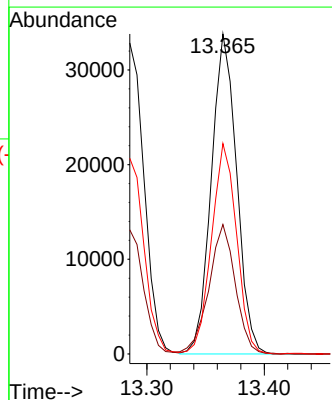
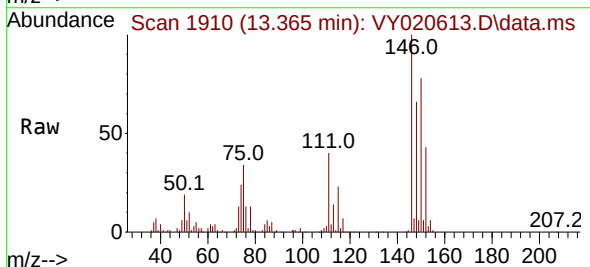
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

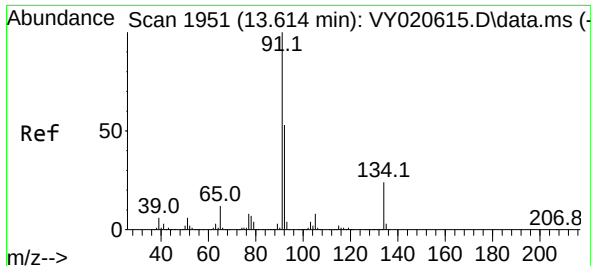
Tgt Ion:146 Resp: 50691
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 62.1 31.4 94.0



#88
1,4-Dichlorobenzene
Concen: 10.658 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion:146 Resp: 50665
Ion Ratio Lower Upper
146 100
111 42.4 19.6 58.7
148 65.3 31.9 95.5

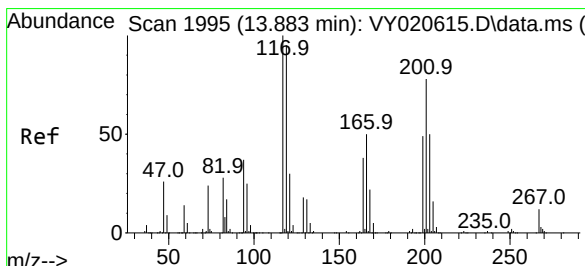
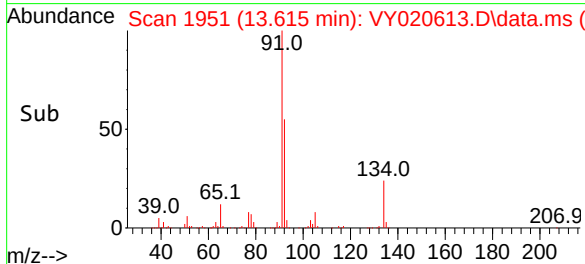
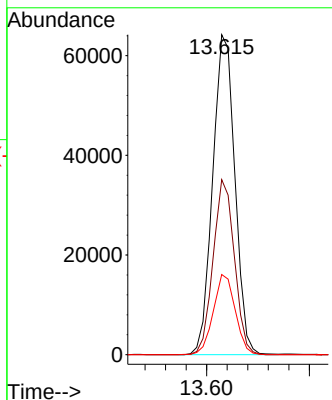
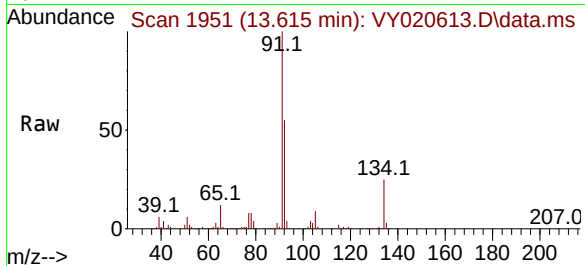




#89
n-Butylbenzene
Concen: 10.307 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

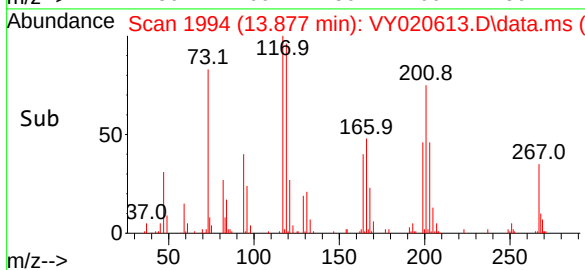
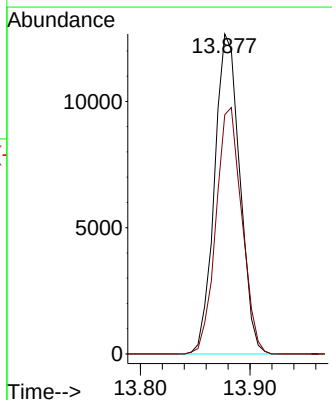
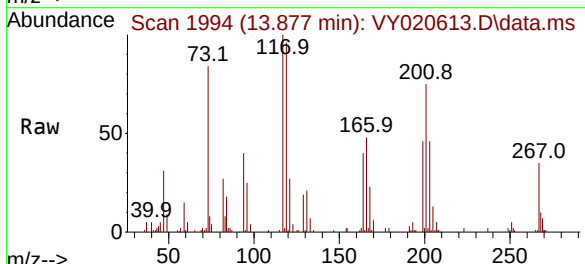
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

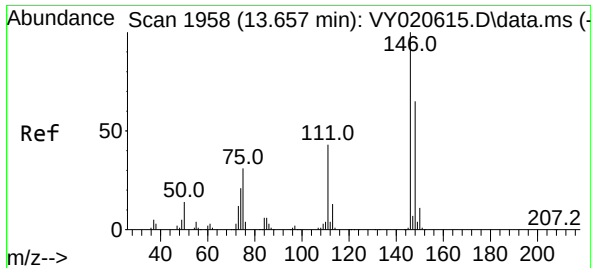
Tgt Ion: 91	Resp:	96052
Ion Ratio	Lower	Upper
91	100	
92	52.4	26.8 80.4
134	24.7	12.5 37.5



#90
Hexachloroethane
Concen: 10.430 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 117	Resp:	20324
Ion Ratio	Lower	Upper
117	100	
201	78.7	39.1 117.3

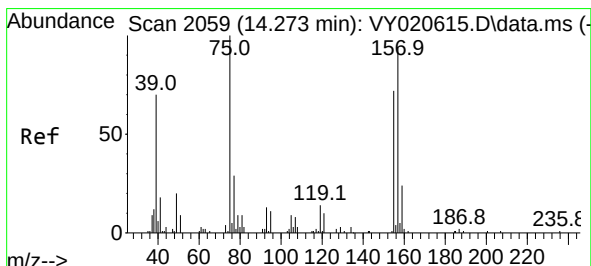
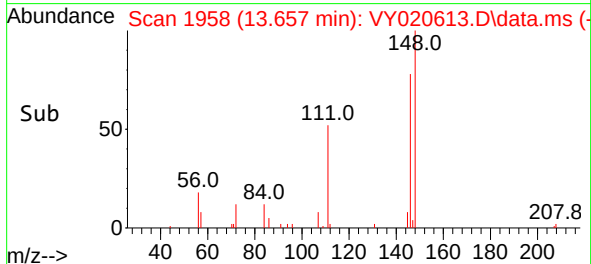
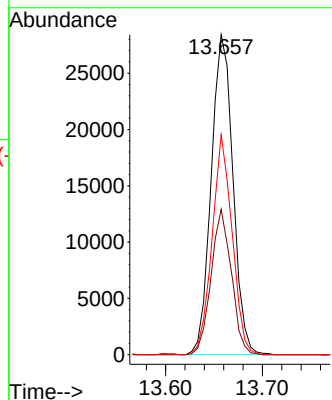
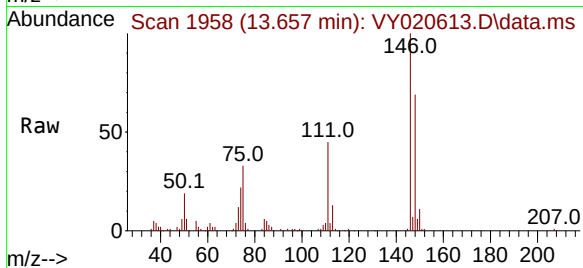




#91
1,2-Dichlorobenzene
Concen: 10.674 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

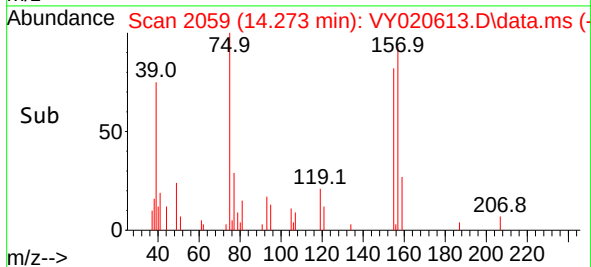
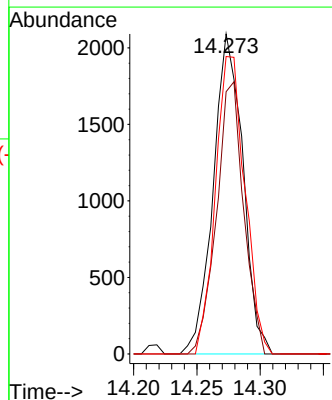
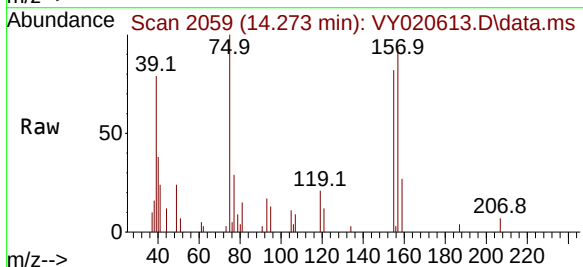
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

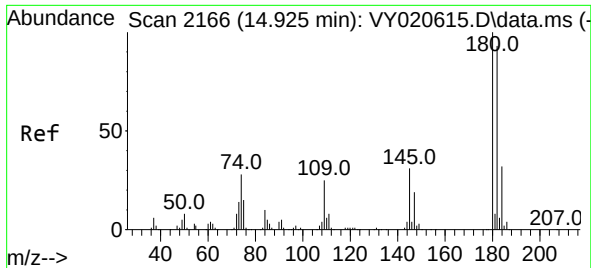
Tgt Ion:146 Resp: 44391
Ion Ratio Lower Upper
146 100
111 42.3 21.3 63.7
148 63.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.579 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion: 75 Resp: 3406
Ion Ratio Lower Upper
75 100
155 78.1 41.1 123.3
157 92.3 52.9 158.8

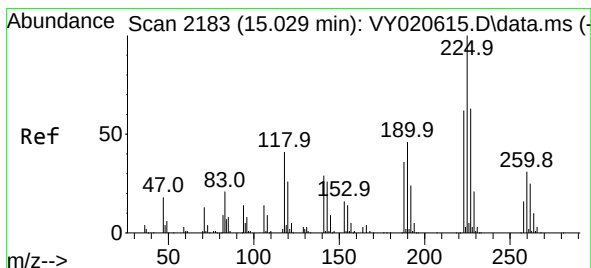
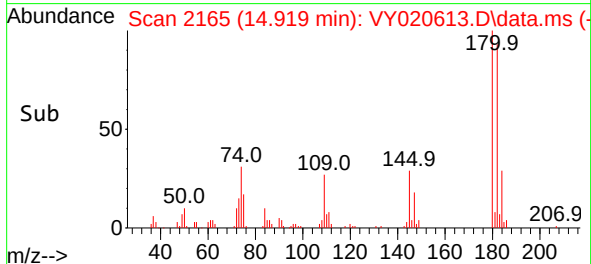
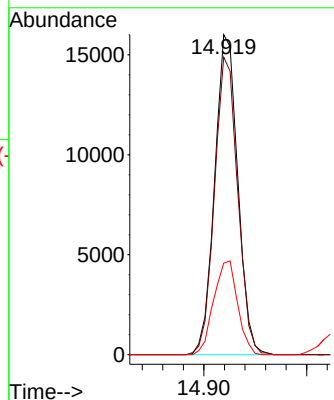
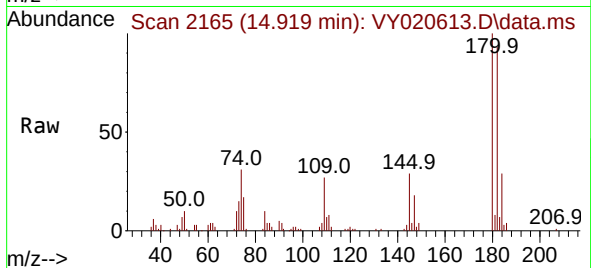




#93
1,2,4-Trichlorobenzene
Concen: 9.920 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

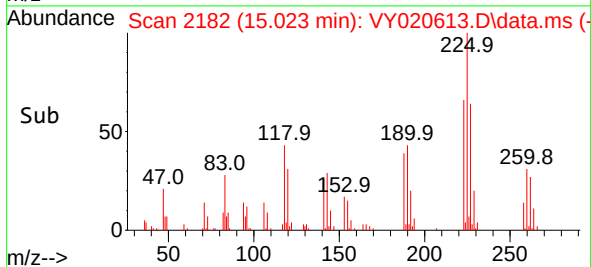
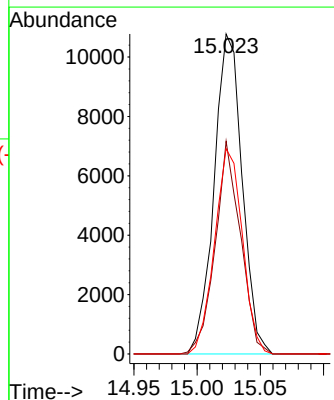
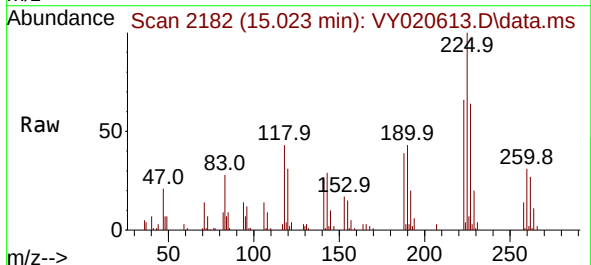
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

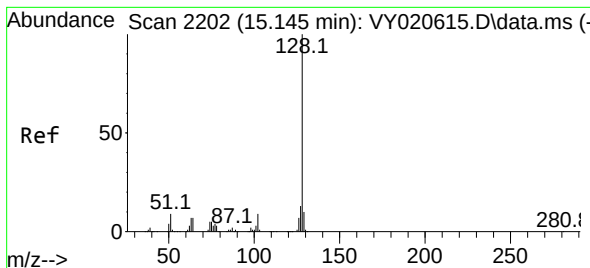
Tgt Ion:180 Resp: 24954
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.6
145 30.3 15.6 46.7



#94
Hexachlorobutadiene
Concen: 10.107 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY020613.D
Acq: 17 Dec 2024 10:01

Tgt Ion:225 Resp: 16620
Ion Ratio Lower Upper
225 100
223 59.8 31.8 95.3
227 63.6 32.2 96.6





#95

Naphthalene

Concen: 9.901 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

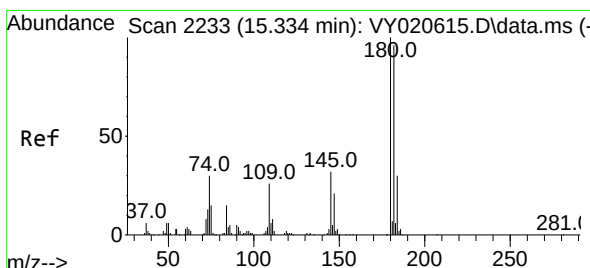
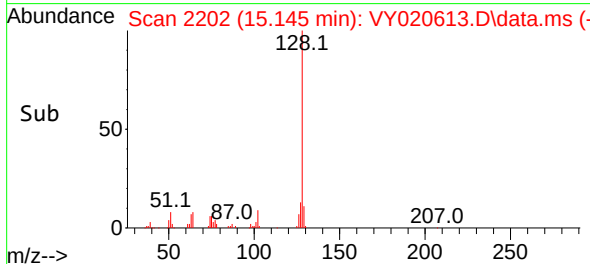
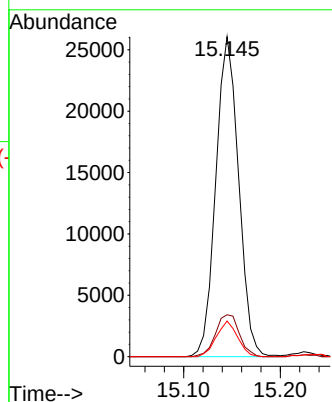
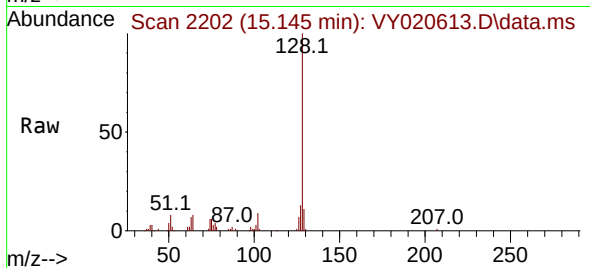
Tgt Ion:128 Resp: 42698

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.4 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 9.602 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY020613.D

Acq: 17 Dec 2024 10:01

Tgt Ion:180 Resp: 20408

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 32.7 16.0 48.0

