

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020617.D
 Acq On : 17 Dec 2024 11:37
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 18 04:54:56 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	184362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	278509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	244385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	135852	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	258496	128.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 256.040%#	
35) Dibromofluoromethane	7.634	113	261486	133.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 266.440%#	
50) Toluene-d8	10.103	98	919148	133.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 267.580%#	
62) 4-Bromofluorobenzene	12.402	95	343903	127.965	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 255.940%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	305452	132.646	ug/l	99
3) Chloromethane	2.068	50	205555	120.474	ug/l	97
4) Vinyl Chloride	2.202	62	206764	130.199	ug/l	100
5) Bromomethane	2.586	94	140413	137.550	ug/l	99
6) Chloroethane	2.727	64	138821	141.459	ug/l	98
7) Trichlorofluoromethane	3.056	101	447890	134.789	ug/l	98
8) Diethyl Ether	3.452	74	150374	129.035	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	297171	124.769	ug/l	100
10) Methyl Iodide	4.001	142	345686	130.361	ug/l	99
11) Tert butyl alcohol	4.866	59	123878	737.397	ug/l	100
12) 1,1-Dichloroethene	3.787	96	291982	126.344	ug/l	98
13) Acrolein	3.653	56	42281	442.848	ug/l	97
14) Allyl chloride	4.385	41	498233	123.037	ug/l	99
15) Acrylonitrile	5.055	53	365294	655.216	ug/l	98
16) Acetone	3.867	43	229404	580.396	ug/l	98
17) Carbon Disulfide	4.104	76	923365	122.748	ug/l	100
18) Methyl Acetate	4.385	43	161535	117.584	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	810589	135.895	ug/l	96
20) Methylene Chloride	4.616	84	329862	131.394	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	351487	135.586	ug/l	99
22) Diisopropyl ether	6.019	45	1089955	132.601	ug/l	99
23) Vinyl Acetate	5.958	43	3123065	670.840	ug/l	100
24) 1,1-Dichloroethane	5.915	63	648906	134.755	ug/l	100
25) 2-Butanone	6.890	43	458674	611.252	ug/l	100
26) 2,2-Dichloropropane	6.884	77	575868	126.503	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	400187	134.176	ug/l	99
28) Bromochloromethane	7.244	49	238929	147.100	ug/l	99
29) Tetrahydrofuran	7.262	42	305396	644.700	ug/l	99
30) Chloroform	7.421	83	656177	145.857	ug/l	98
31) Cyclohexane	7.701	56	584271	126.896	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	600711	135.784	ug/l	99
36) 1,1-Dichloropropene	7.835	75	485468	135.636	ug/l	99
37) Ethyl Acetate	6.982	43	213468	126.794	ug/l	99
38) Carbon Tetrachloride	7.817	117	548361	138.477	ug/l	98
39) Methylcyclohexane	9.110	83	640301	137.259	ug/l	98
40) Benzene	8.079	78	1431012	136.402	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	119101	133.813	ug/l	95
42) 1,2-Dichloroethane	8.159	62	377438	135.647	ug/l	100
43) Isopropyl Acetate	8.195	43	433206	135.916	ug/l	100
44) Trichloroethene	8.866	130	352263	136.648	ug/l	98
45) 1,2-Dichloropropane	9.140	63	335340	136.766	ug/l	98
46) Dibromomethane	9.225	93	174812	134.905	ug/l	99
47) Bromodichloromethane	9.420	83	485795	138.787	ug/l	98
48) Methyl methacrylate	9.219	41	210550	138.957	ug/l	99
49) 1,4-Dioxane	9.225	88	41221	2773.834	ug/l	100
51) 4-Methyl-2-Pentanone	9.994	43	1092140	649.161	ug/l	99
52) Toluene	10.170	92	904033	138.659	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	464905	142.541	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	540157	139.760	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	230372	134.466	ug/l	97
56) Ethyl methacrylate	10.439	69	363115	146.095	ug/l	98
57) 1,3-Dichloropropane	10.713	76	413542	135.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	826777	790.569	ug/l	99
59) 2-Hexanone	10.756	43	731842	677.527	ug/l	98
60) Dibromochloromethane	10.908	129	318266	138.906	ug/l	99
61) 1,2-Dibromoethane	11.012	107	218394	137.043	ug/l	100
64) Tetrachloroethene	10.646	164	309587	134.678	ug/l	97
65) Chlorobenzene	11.438	112	948051	138.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	324778	138.995	ug/l	98
67) Ethyl Benzene	11.518	91	1770086	140.410	ug/l	99
68) m/p-Xylenes	11.627	106	1308282	279.114	ug/l	100
69) o-Xylene	11.951	106	617079	141.099	ug/l	99
70) Styrene	11.969	104	1031166	141.122	ug/l	99
71) Bromoform	12.133	173	183216	139.463	ug/l #	98
73) Isopropylbenzene	12.255	105	1651138	139.276	ug/l	100
74) N-amyl acetate	12.066	43	396216	142.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	258787	134.480	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	351473	251.196	ug/l #	100
77) Bromobenzene	12.530	156	357464	138.423	ug/l	100
78) n-propylbenzene	12.597	91	1971458	138.026	ug/l	99
79) 2-Chlorotoluene	12.676	91	1111362	138.298	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1332805	138.553	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	96747	143.899	ug/l	98
82) 4-Chlorotoluene	12.774	91	1135416	136.190	ug/l	100
83) tert-Butylbenzene	12.999	119	1219521	139.985	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1313945	139.253	ug/l	99
85) sec-Butylbenzene	13.176	105	1737212	137.147	ug/l	100
86) p-Isopropyltoluene	13.292	119	1456581	139.472	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	693843	136.109	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	684559	135.587	ug/l	100
89) n-Butylbenzene	13.615	91	1382912	139.722	ug/l	99
90) Hexachloroethane	13.877	117	293562	141.843	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	611871	138.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	43513	139.274	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	403445	151.011	ug/l	99
94) Hexachlorobutadiene	15.023	225	250003	143.145	ug/l	100
95) Naphthalene	15.145	128	736677	160.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	344880	152.787	ug/l	99

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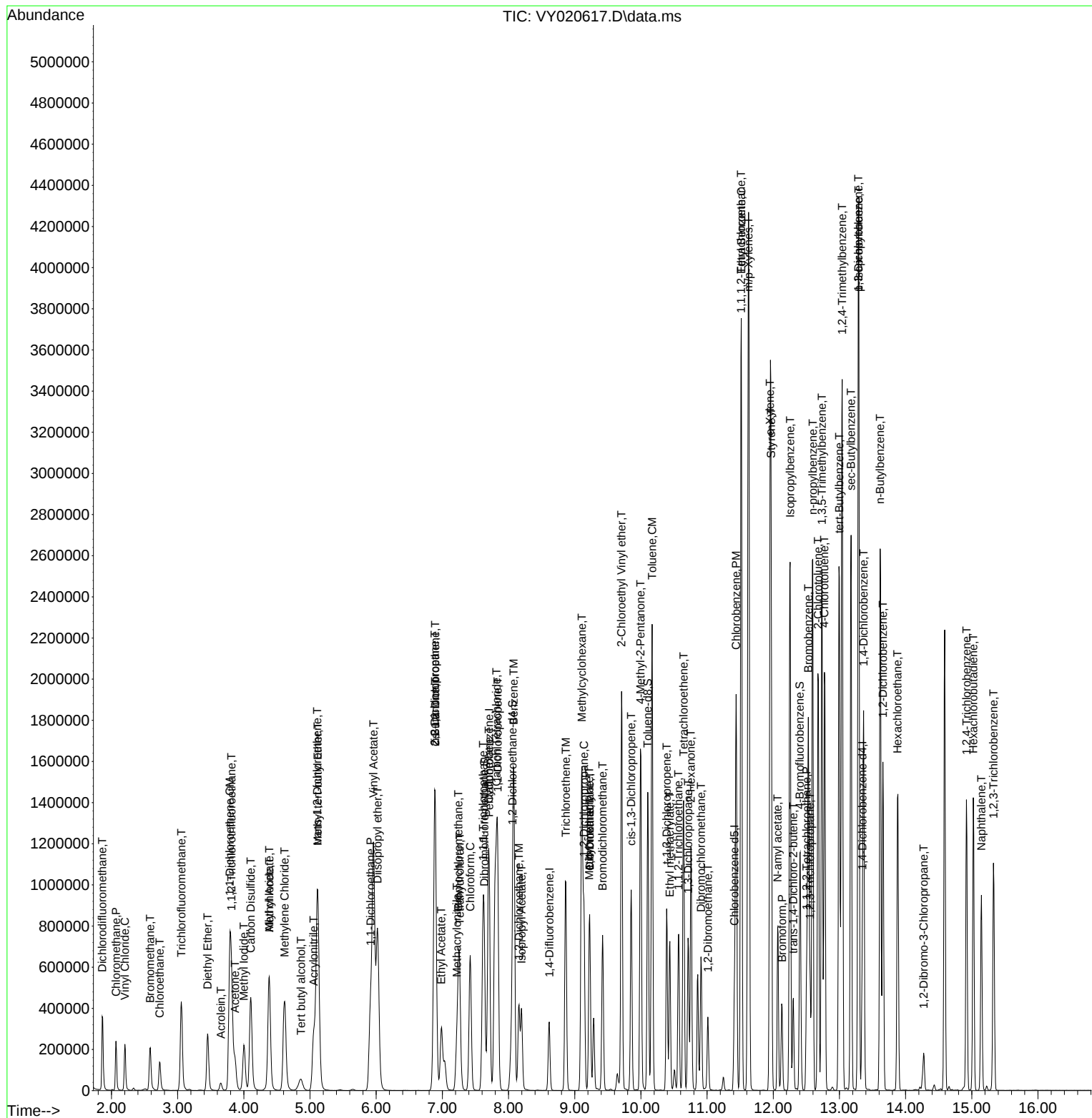
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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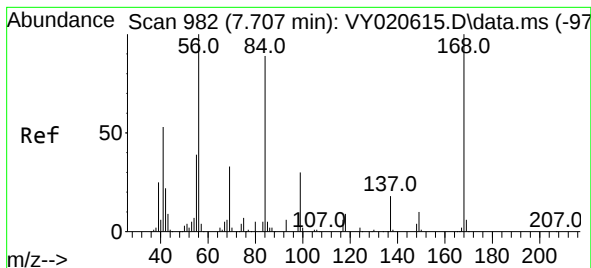
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY020617.D

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Instrument :

MSVOA_Y

ClientSampleId :

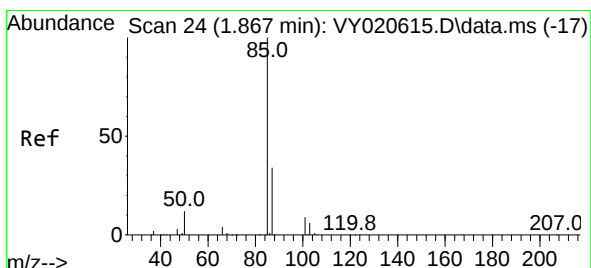
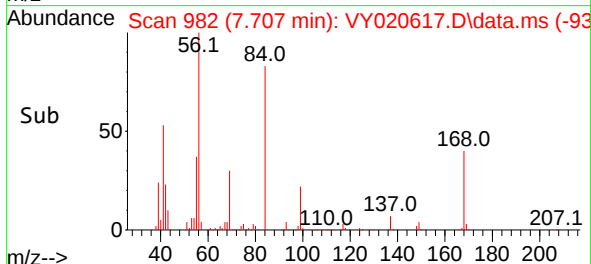
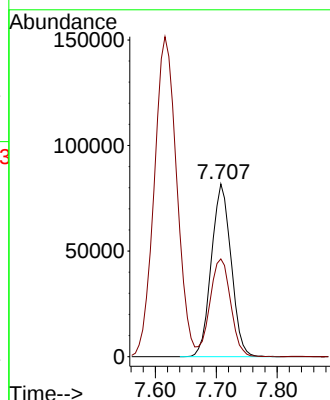
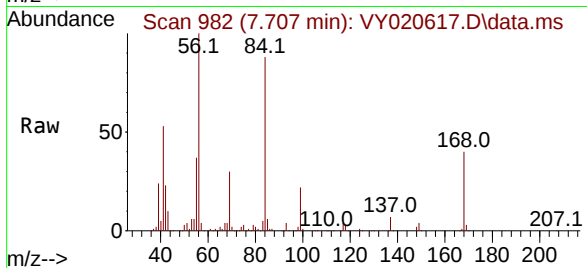
VSTDIC150

Tgt Ion:168 Resp: 184362

Ion Ratio Lower Upper

168 100

99 56.5 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 132.646 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY020617.D

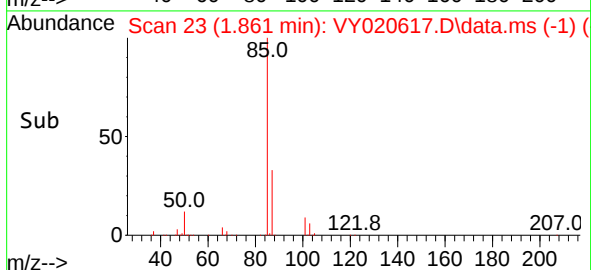
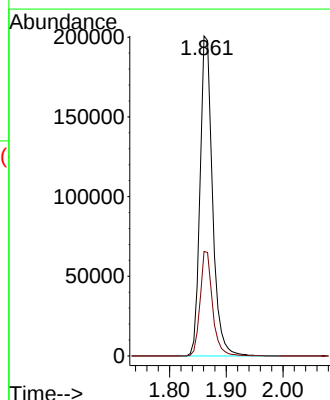
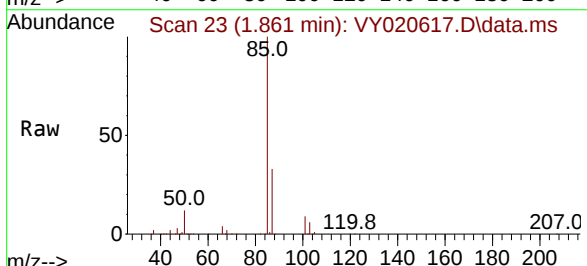
Acq: 17 Dec 2024 11:37

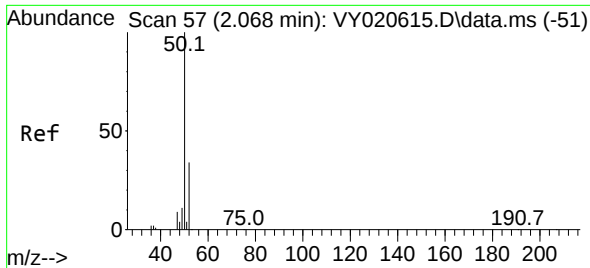
Tgt Ion: 85 Resp: 305452

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.3

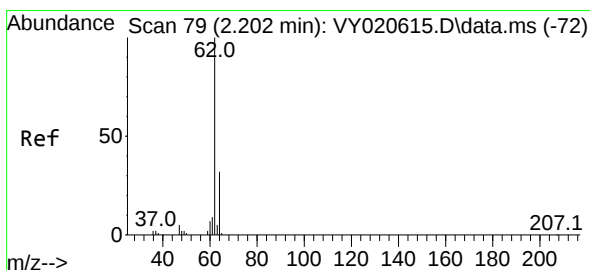
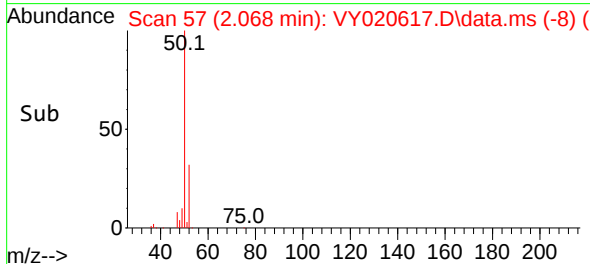
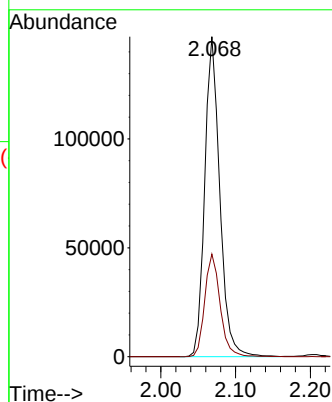
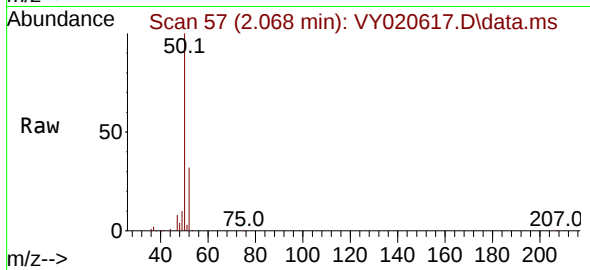




#3
Chloromethane
Concen: 120.474 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020617.D
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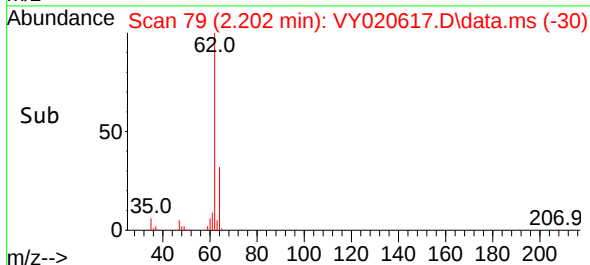
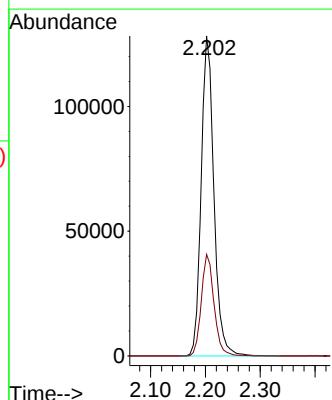
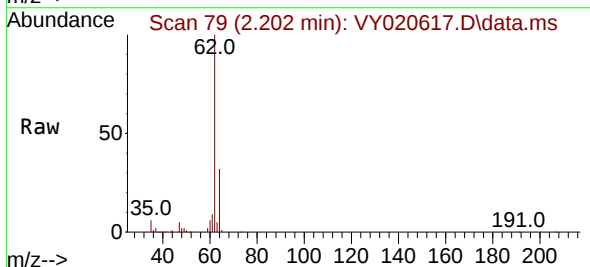
Instrument :
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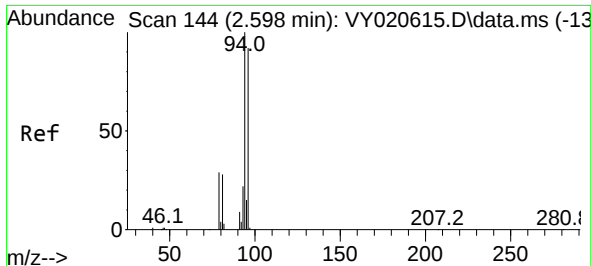
Tgt Ion: 50 Resp: 205555
Ion Ratio Lower Upper
50 100
52 32.1 26.8 40.2



#4
Vinyl Chloride
Concen: 130.199 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 62 Resp: 206764
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

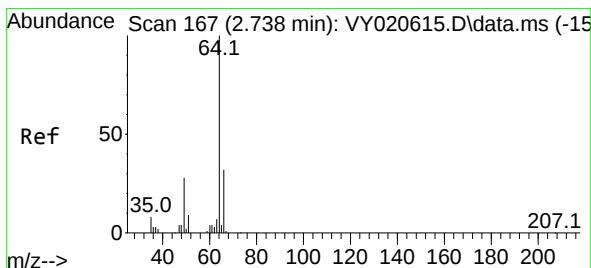
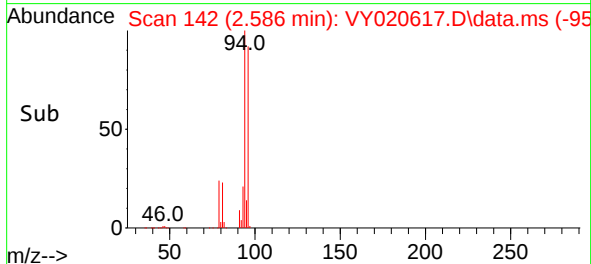
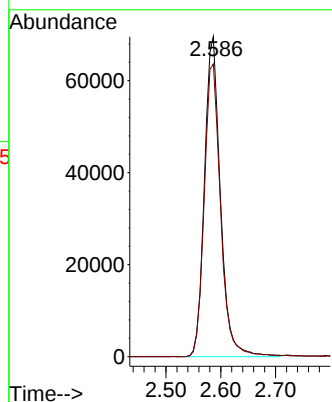
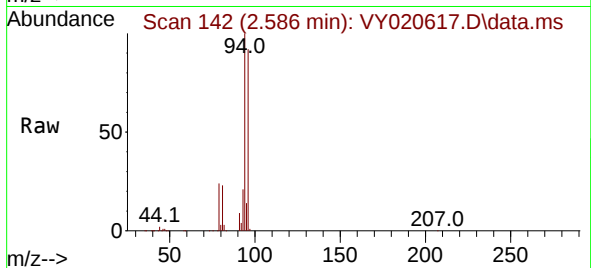




#5
Bromomethane
Concen: 137.550 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY020617.D
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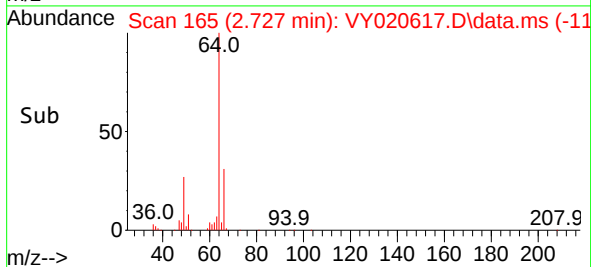
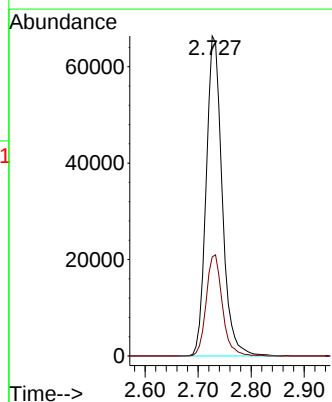
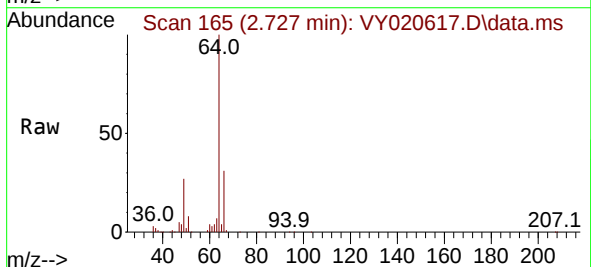
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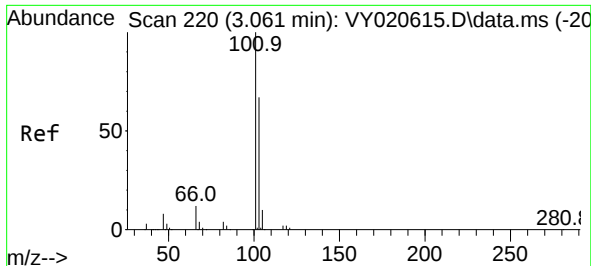
Tgt Ion: 94 Resp: 140413
Ion Ratio Lower Upper
94 100
96 91.5 73.8 110.6



#6
Chloroethane
Concen: 141.459 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY020617.D
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Tgt Ion: 64 Resp: 138821
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.6

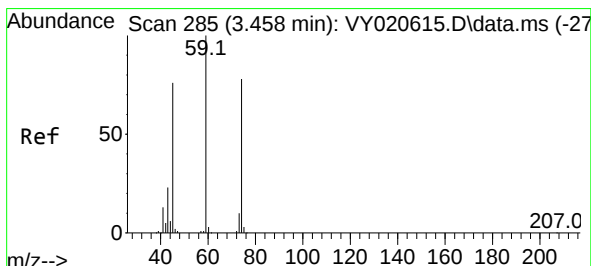
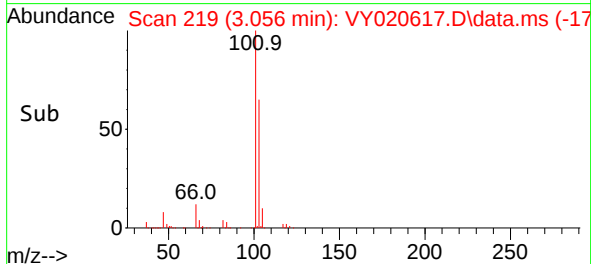
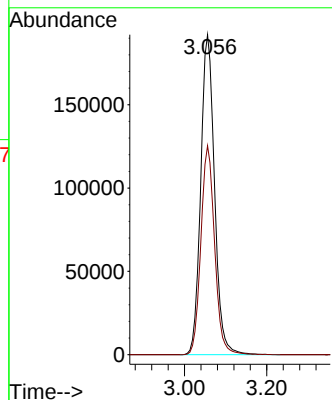
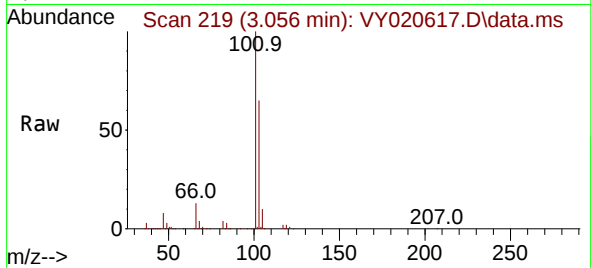




#7
 Trichlorofluoromethane
 Concen: 134.789 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

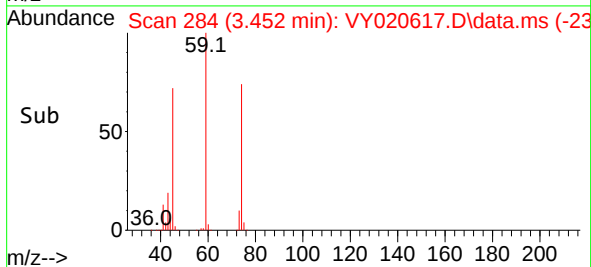
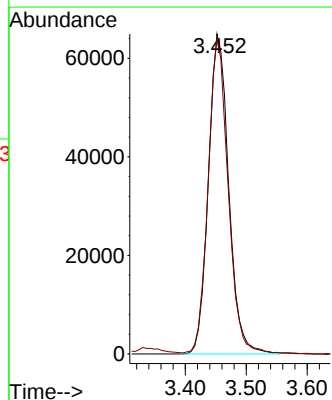
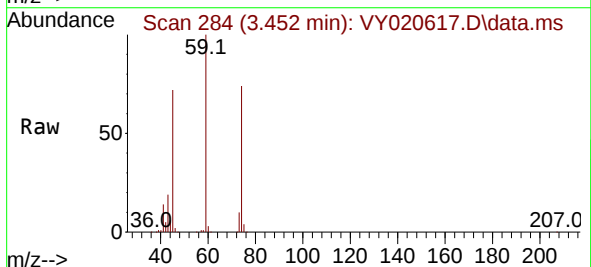
Instrument :
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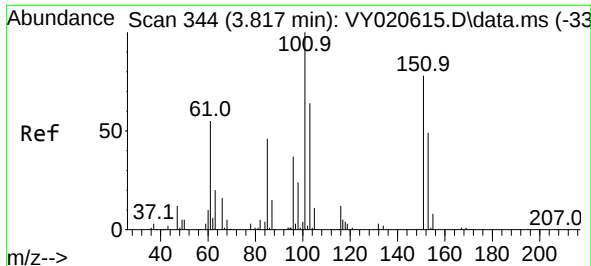
Tgt Ion:101 Resp: 447890
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.0



#8
 Diethyl Ether
 Concen: 129.035 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

Tgt Ion: 74 Resp: 150374
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.0 147.2

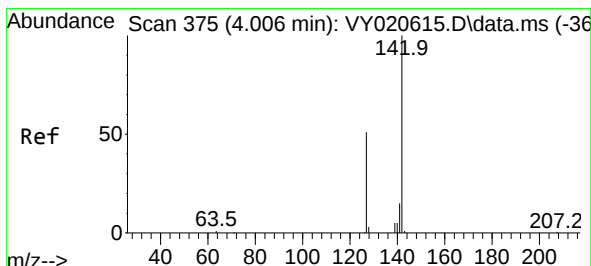
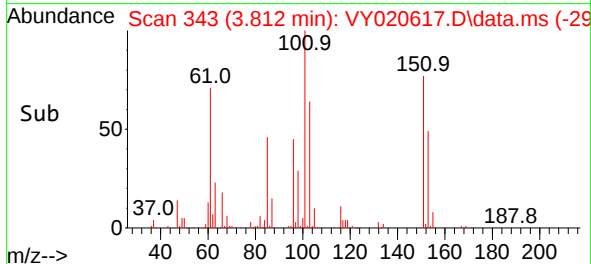
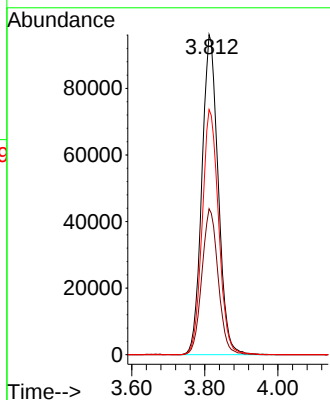
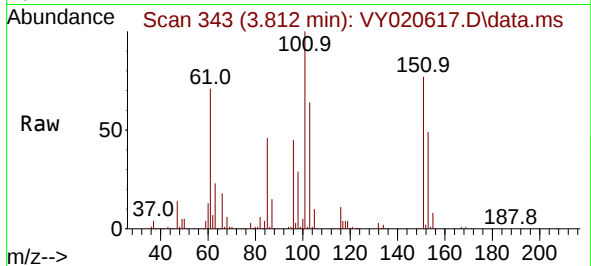




#9
1,1,2-Trichlorotrifluoroethane
Concen: 124.769 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

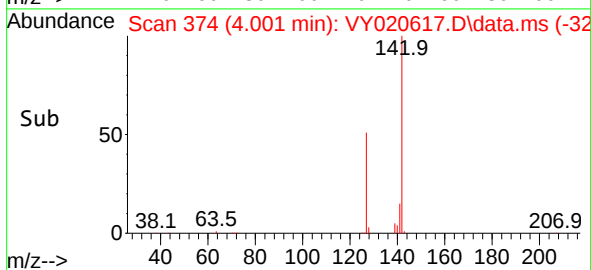
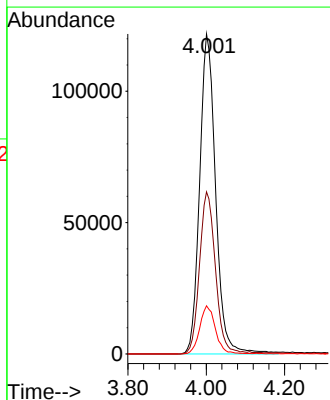
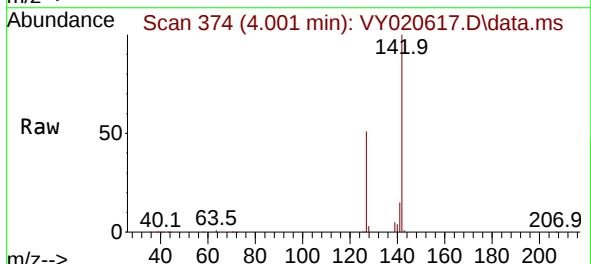
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

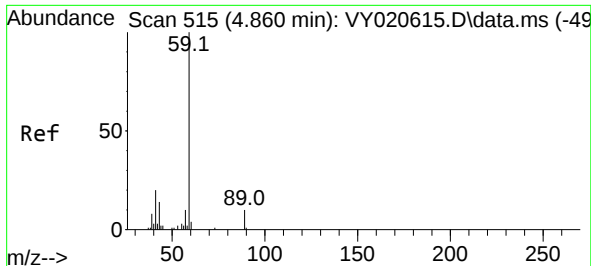
Tgt Ion:101 Resp: 297171
Ion Ratio Lower Upper
101 100
85 45.5 36.6 54.8
151 77.2 61.5 92.3



#10
Methyl Iodide
Concen: 130.361 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.005 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion:142 Resp: 345686
Ion Ratio Lower Upper
142 100
127 50.4 40.6 61.0
141 14.8 11.7 17.5

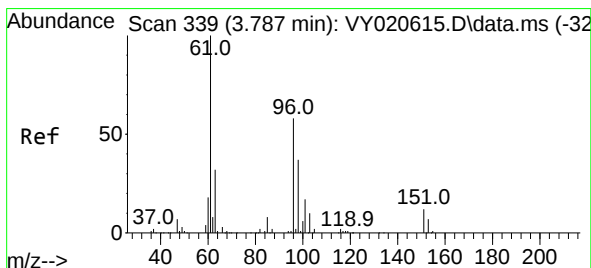
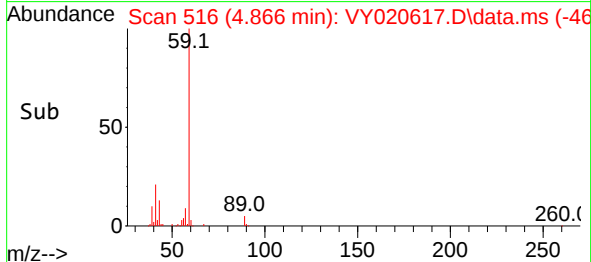
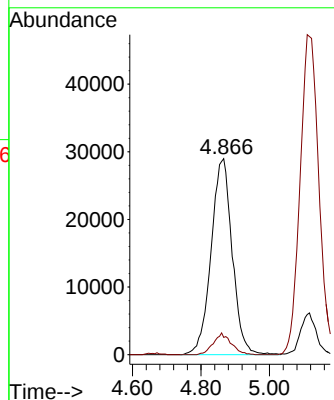
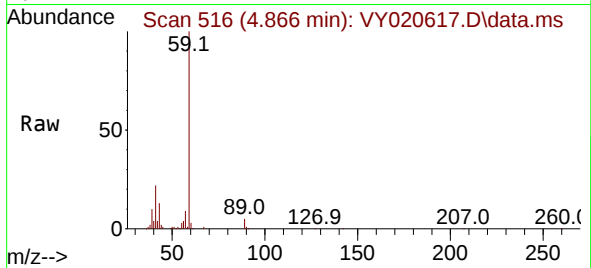




#11
Tert butyl alcohol
Concen: 737.397 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

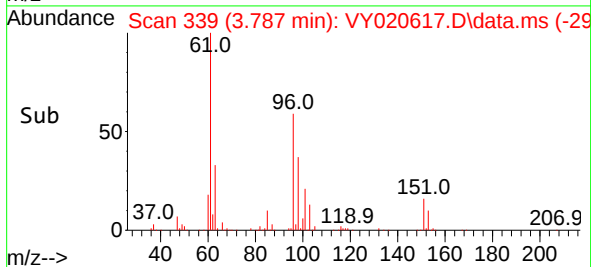
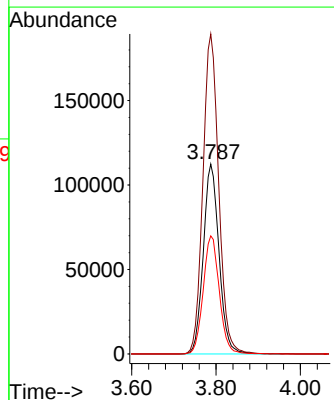
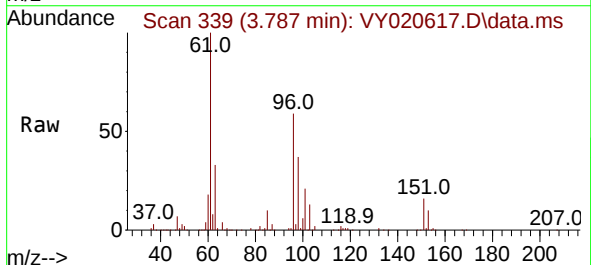
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

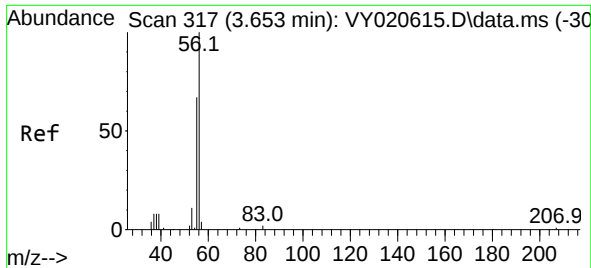
Tgt Ion: 59 Resp: 123878
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 126.344 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 96 Resp: 291982
Ion Ratio Lower Upper
96 100
61 168.5 136.9 205.3
98 62.2 50.2 75.4

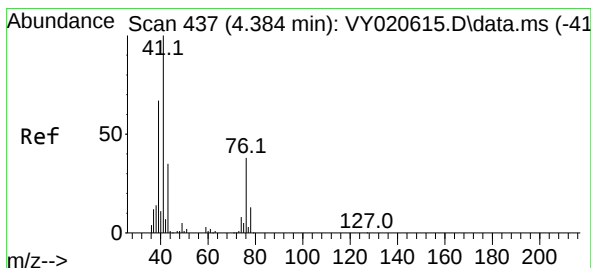
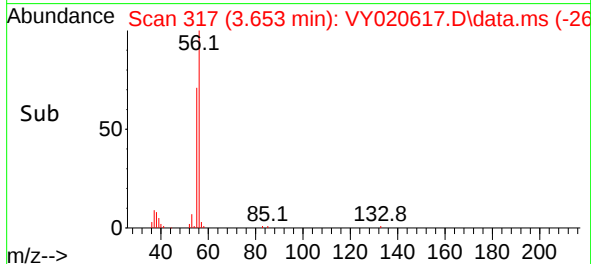
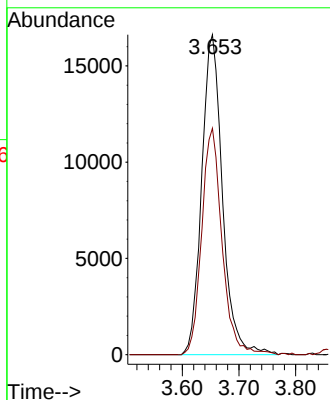
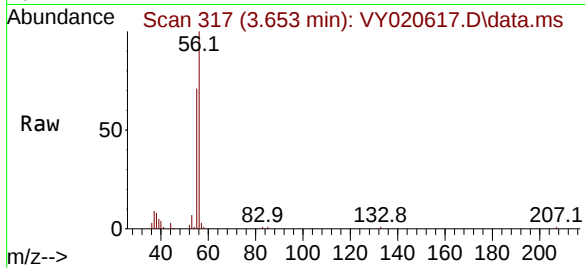




#13
Acrolein
Concen: 442.848 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

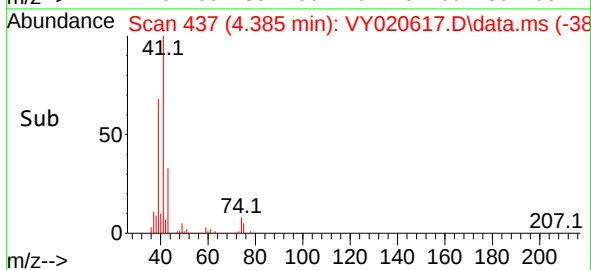
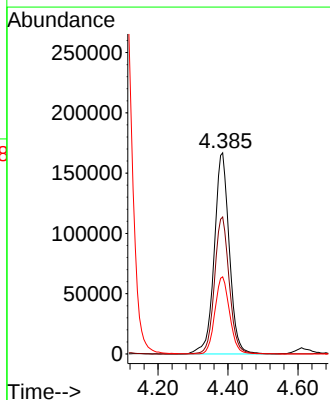
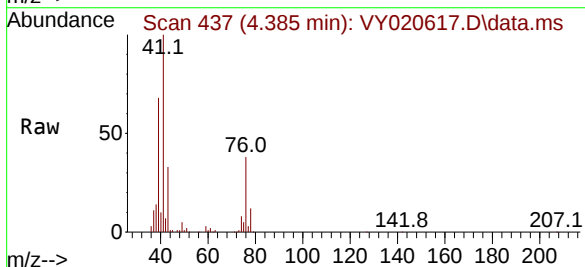
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

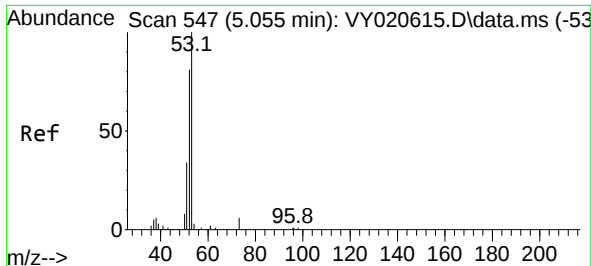
Tgt Ion: 56 Resp: 42281
Ion Ratio Lower Upper
56 100
55 69.2 57.5 86.3



#14
Allyl chloride
Concen: 123.037 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 41 Resp: 498233
Ion Ratio Lower Upper
41 100
39 66.8 53.0 79.4
76 37.4 29.5 44.3





#15

Acrylonitrile

Concen: 655.216 ug/l

RT: 5.055 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

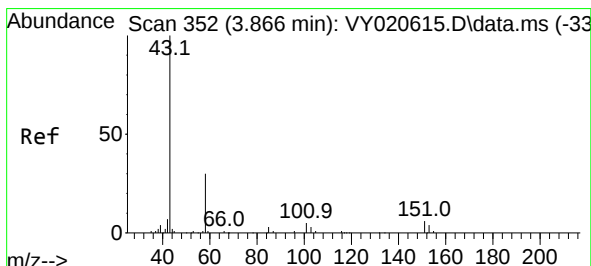
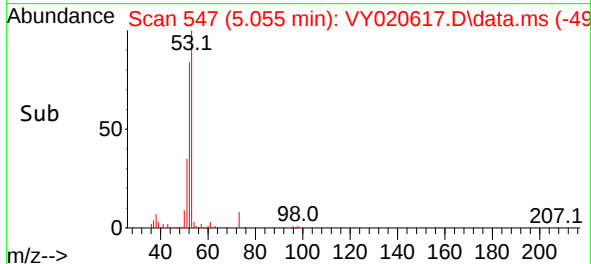
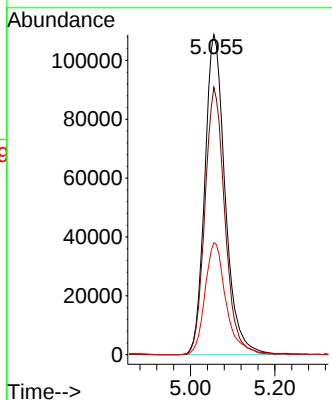
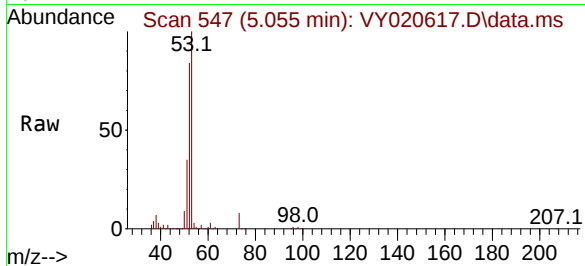
Tgt Ion: 53 Resp: 365294

Ion Ratio Lower Upper

53 100

52 82.2 64.5 96.7

51 36.2 29.4 44.0



#16

Acetone

Concen: 580.396 ug/l

RT: 3.867 min Scan# 352

Delta R.T. 0.001 min

Lab File: VY020617.D

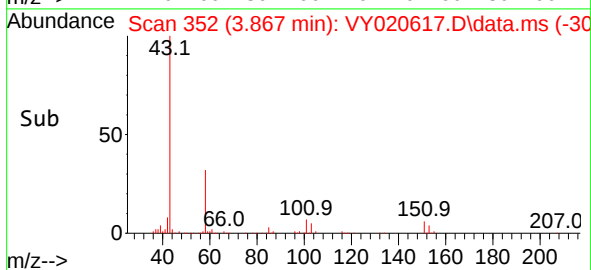
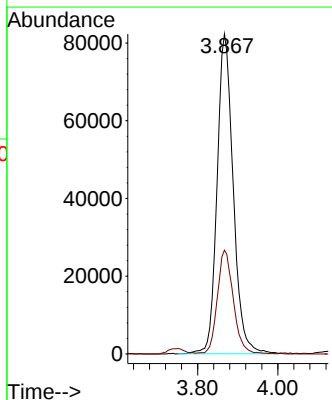
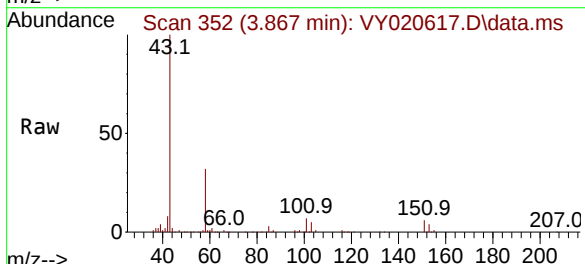
Acq: 17 Dec 2024 11:37

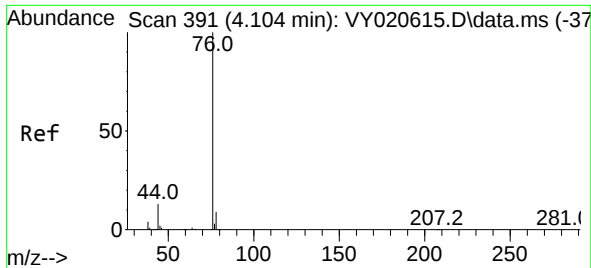
Tgt Ion: 43 Resp: 229404

Ion Ratio Lower Upper

43 100

58 32.4 25.0 37.6

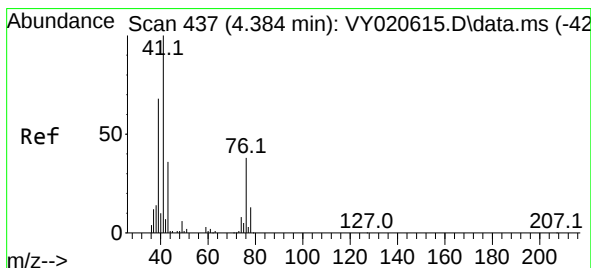
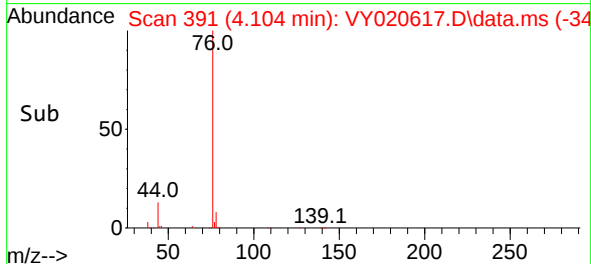
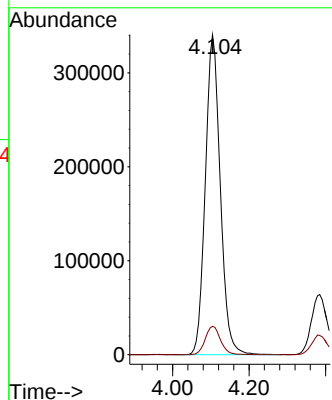
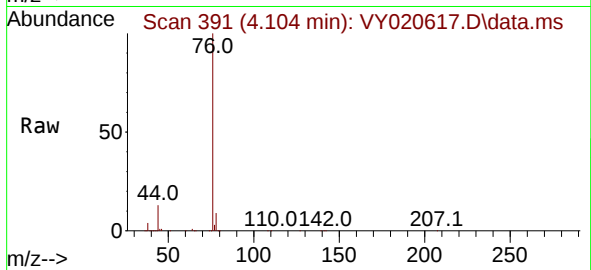




#17
Carbon Disulfide
Concen: 122.748 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

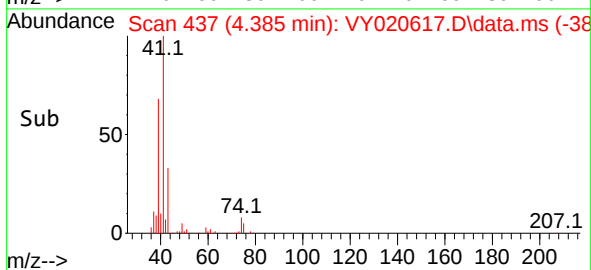
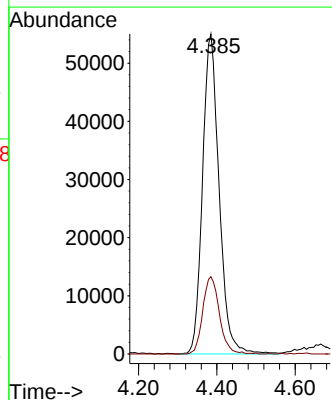
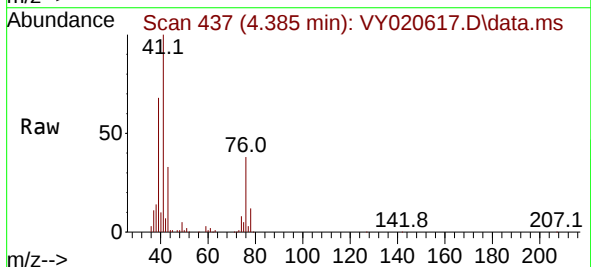
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

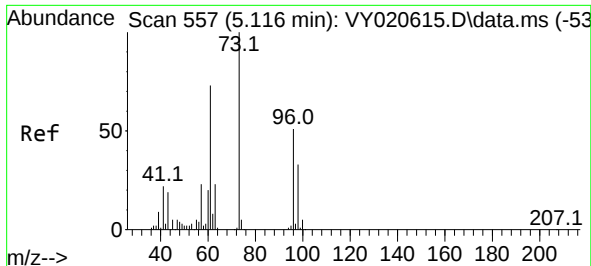
Tgt Ion: 76 Resp: 923365
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 117.584 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 43 Resp: 161535
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8

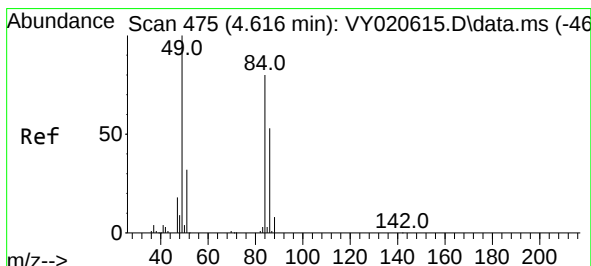
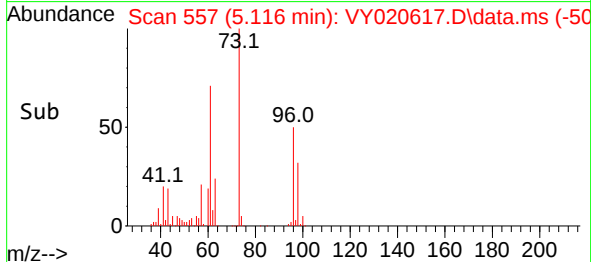
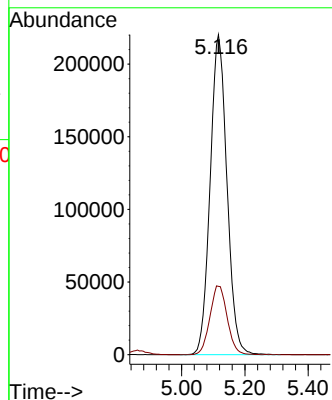
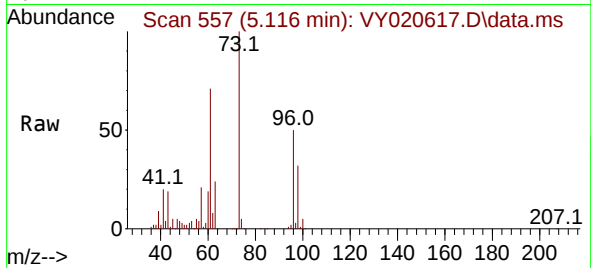




#19
Methyl tert-butyl Ether
Concen: 135.895 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

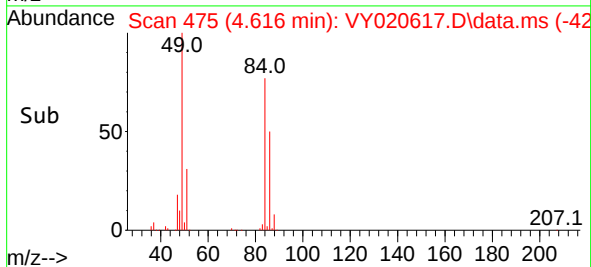
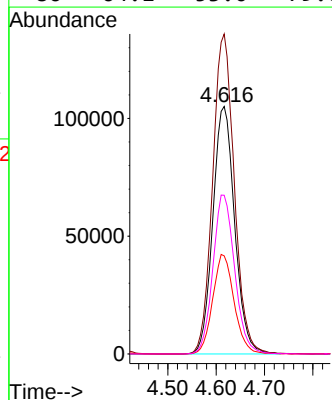
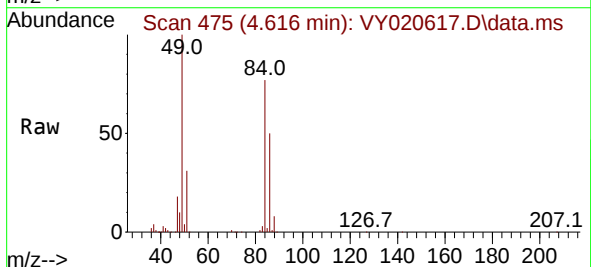
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

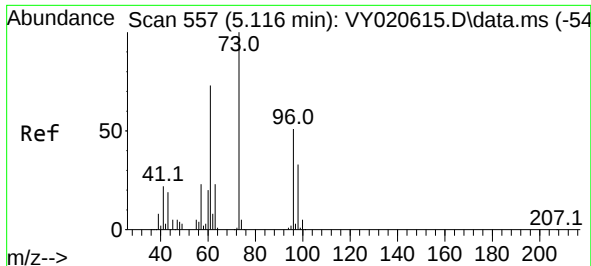
Tgt Ion: 73 Resp: 810589
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7



#20
Methylene Chloride
Concen: 131.394 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 84 Resp: 329862
Ion Ratio Lower Upper
84 100
49 129.3 100.7 151.1
51 39.6 32.2 48.2
86 64.1 53.0 79.6

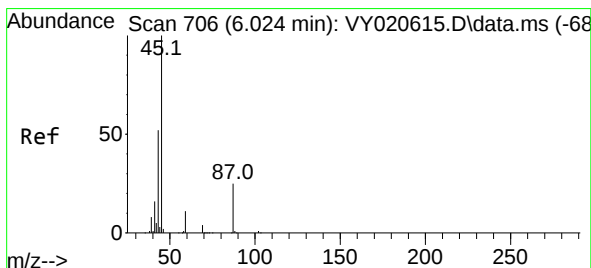
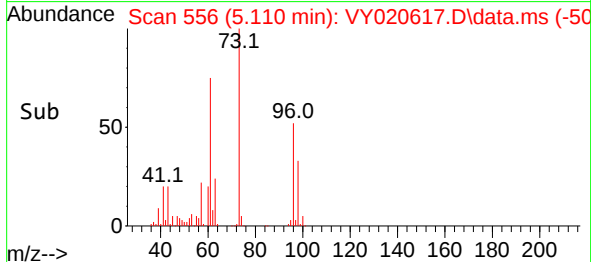
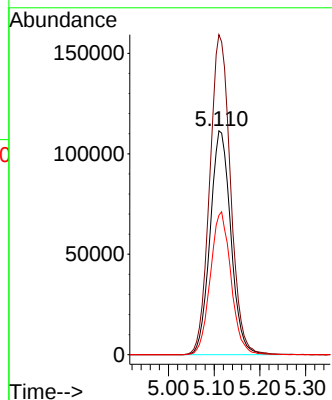
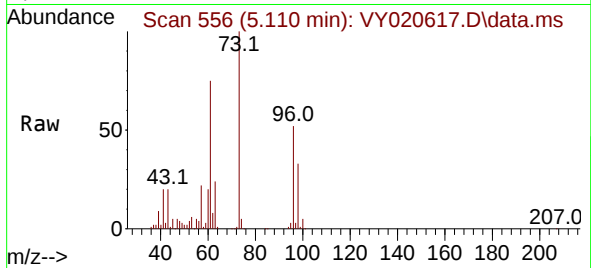




#21
trans-1,2-Dichloroethene
Concen: 135.586 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

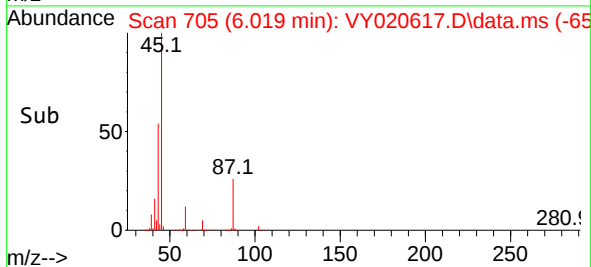
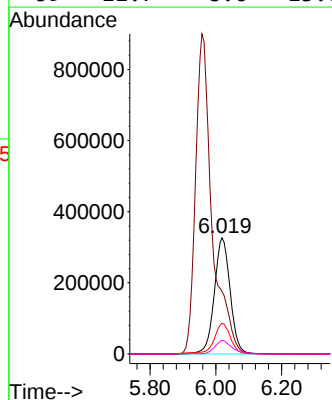
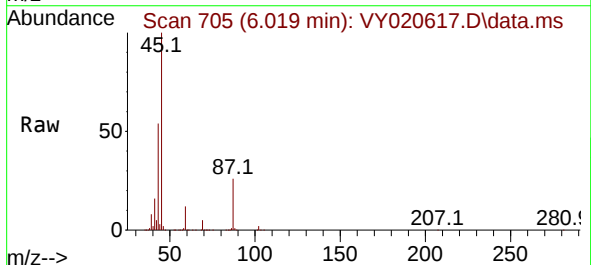
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

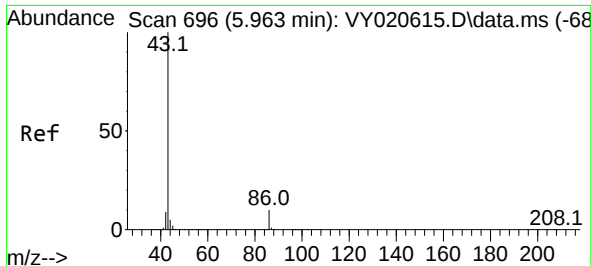
Tgt Ion: 96 Resp: 351487
Ion Ratio Lower Upper
96 100
61 142.9 113.7 170.5
98 62.2 51.7 77.5



#22
Diisopropyl ether
Concen: 132.601 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 45 Resp: 1089955
Ion Ratio Lower Upper
45 100
43 53.7 42.6 64.0
87 26.4 20.6 31.0
59 11.7 8.6 13.0

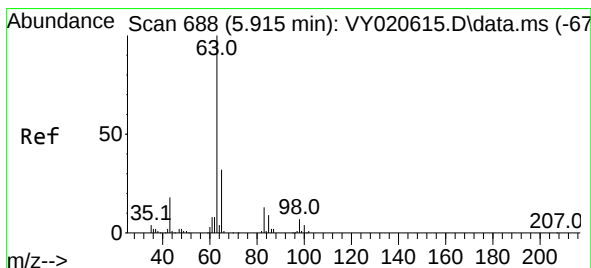
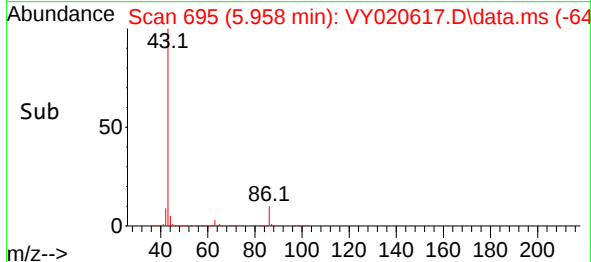
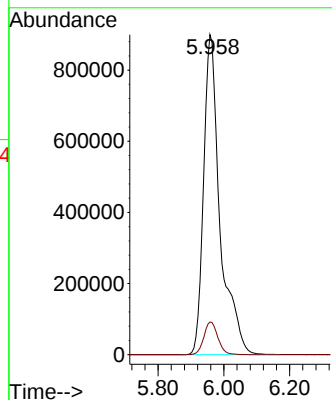
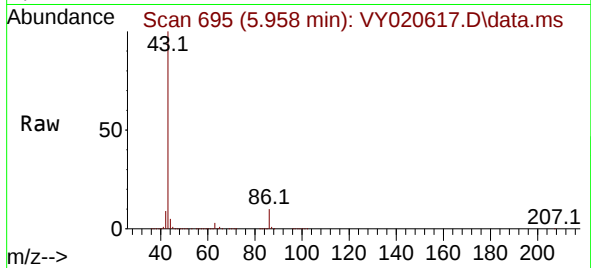




#23
Vinyl Acetate
Concen: 670.840 ug/l
RT: 5.958 min Scan# 695
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

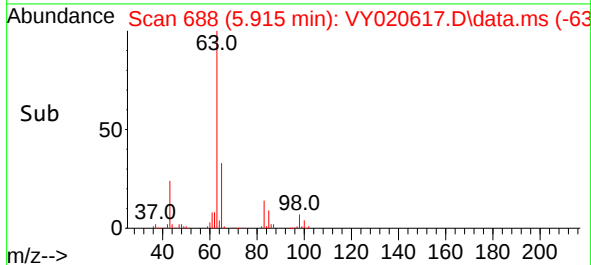
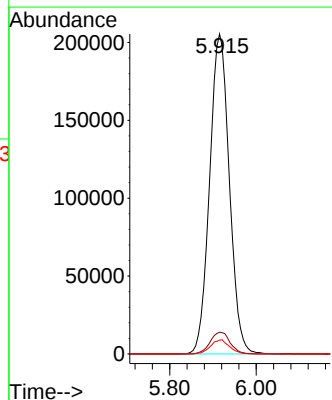
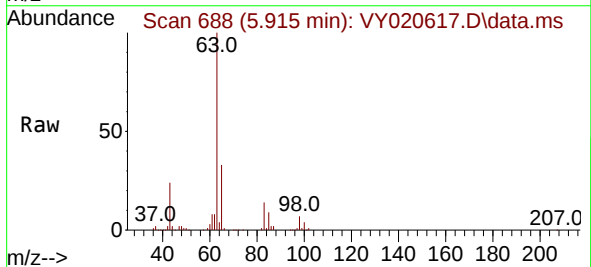
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

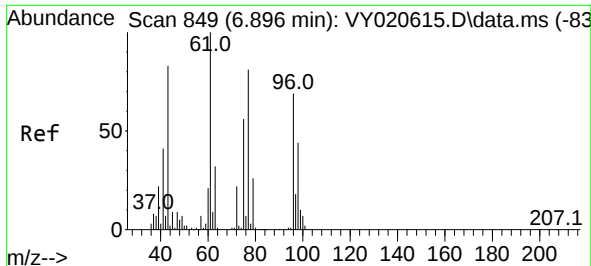
Tgt Ion: 43 Resp: 3123065
Ion Ratio Lower Upper
43 100
86 10.2 8.1 12.1



#24
1,1-Dichloroethane
Concen: 134.755 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 63 Resp: 648906
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.1
100 4.3 2.1 6.5

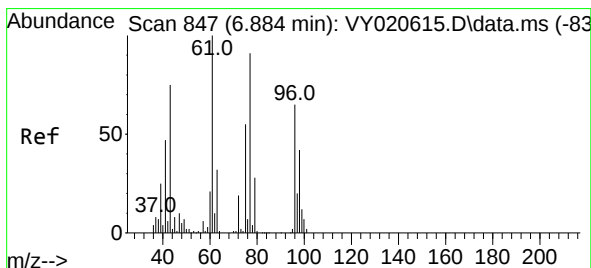
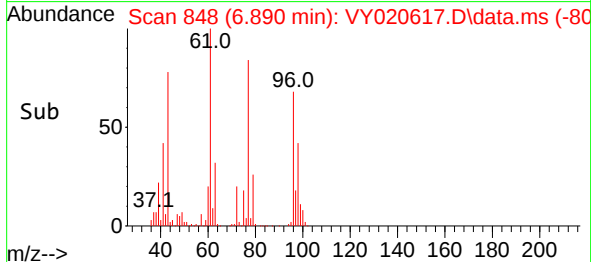
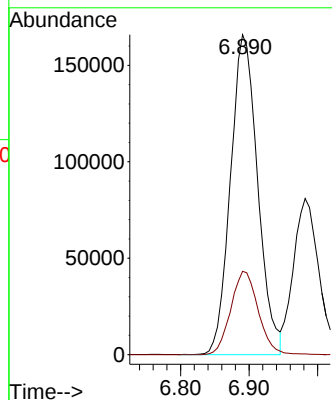
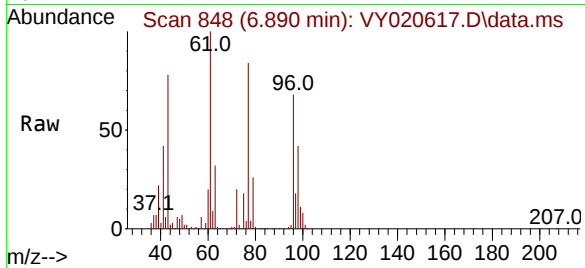




#25
2-Butanone
Concen: 611.252 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

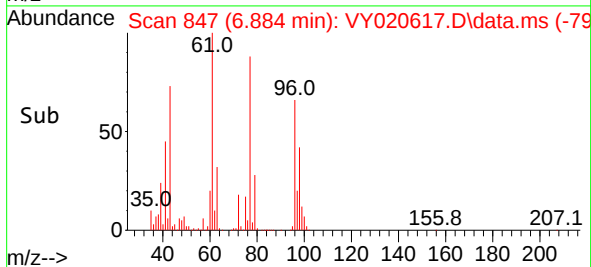
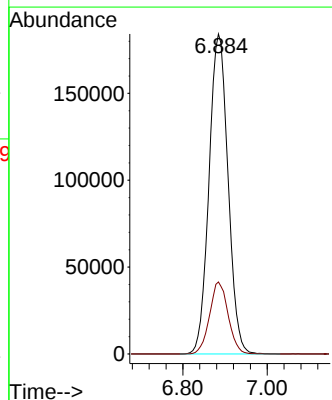
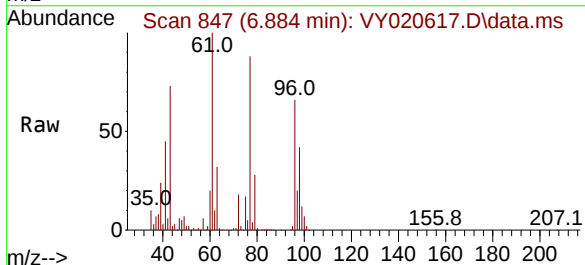
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

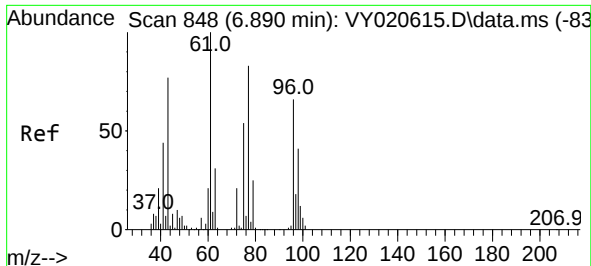
Tgt Ion: 43 Resp: 458674
Ion Ratio Lower Upper
43 100
72 26.0 20.6 31.0



#26
2,2-Dichloropropane
Concen: 126.503 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 77 Resp: 575868
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6



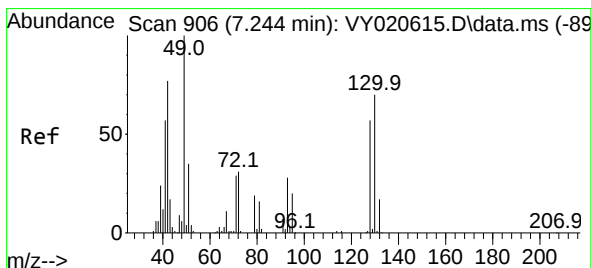
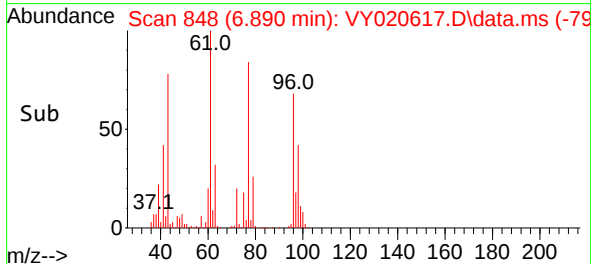
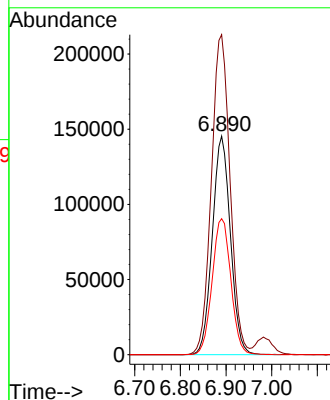
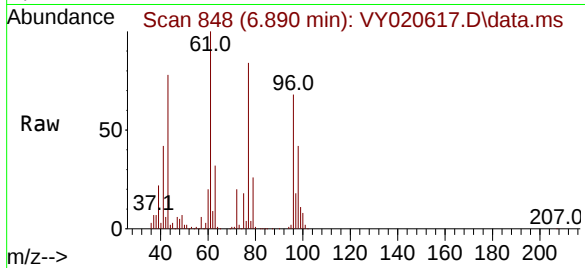


#27
 cis-1,2-Dichloroethene
 Concen: 134.176 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 400187

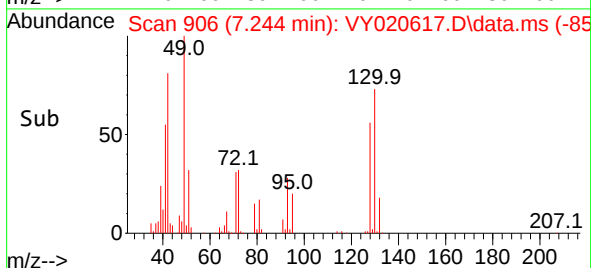
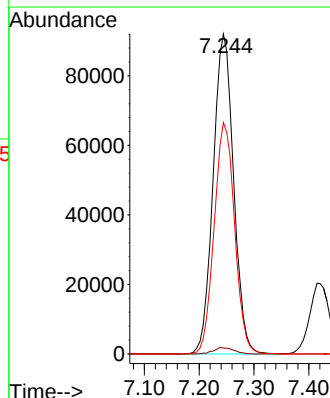
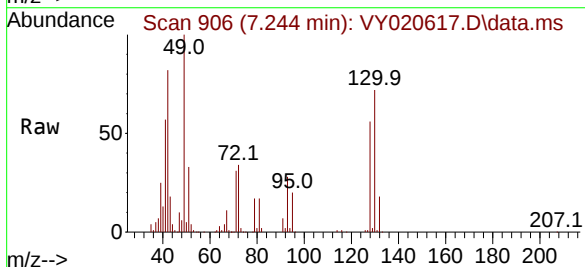
Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	306.2
98	64.3	0.0	127.2

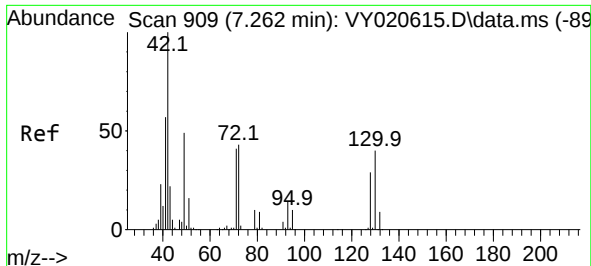


#28
 Bromochloromethane
 Concen: 147.100 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

Tgt Ion: 49 Resp: 238929

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	72.3	58.3	87.5





#29

Tetrahydrofuran

Concen: 644.700 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

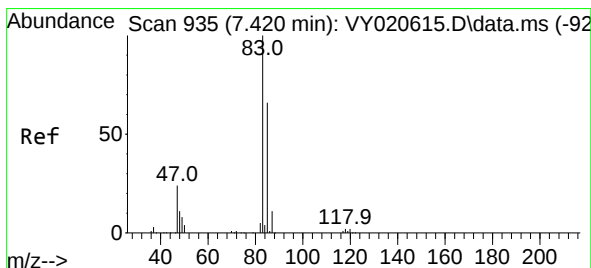
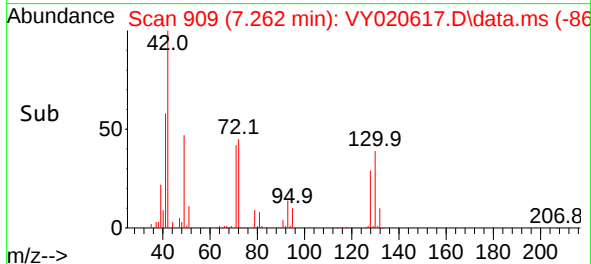
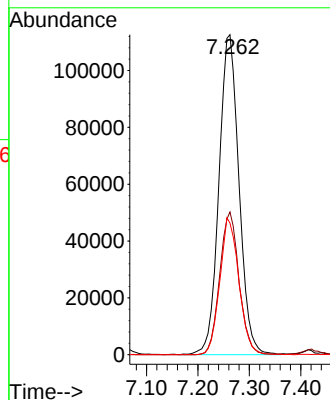
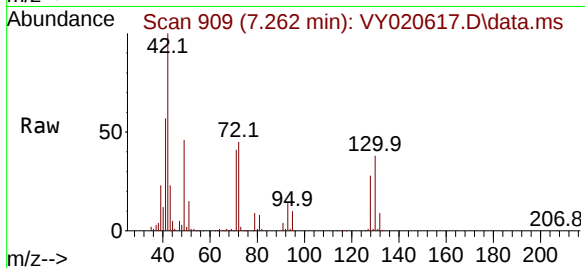
Tgt Ion: 42 Resp: 305396

Ion Ratio Lower Upper

42 100

72 43.0 34.0 51.0

71 40.7 31.6 47.4



#30

Chloroform

Concen: 145.857 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020617.D

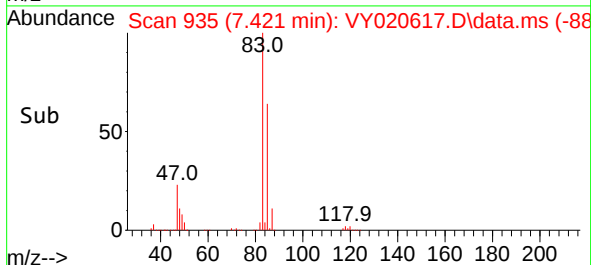
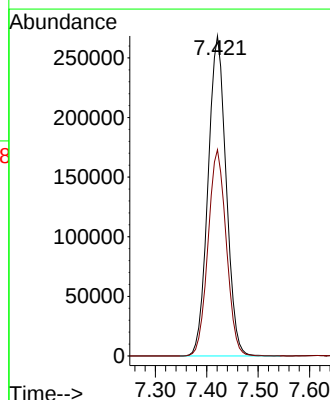
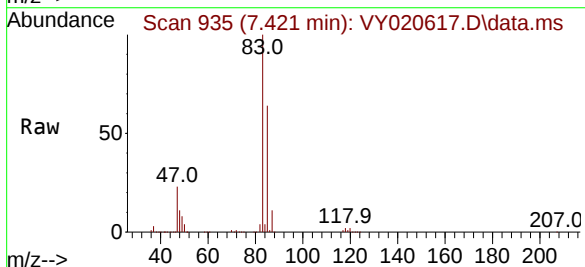
Acq: 17 Dec 2024 11:37

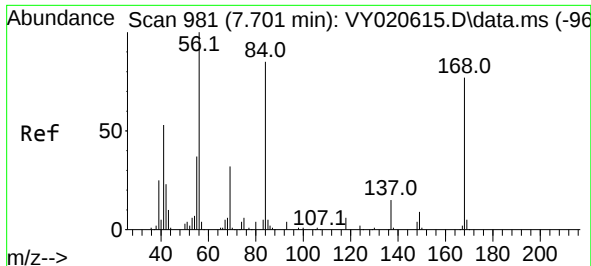
Tgt Ion: 83 Resp: 656177

Ion Ratio Lower Upper

83 100

85 64.5 52.7 79.1

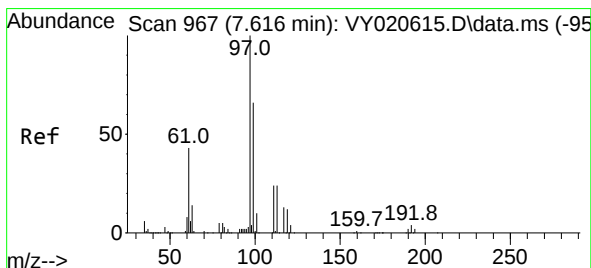
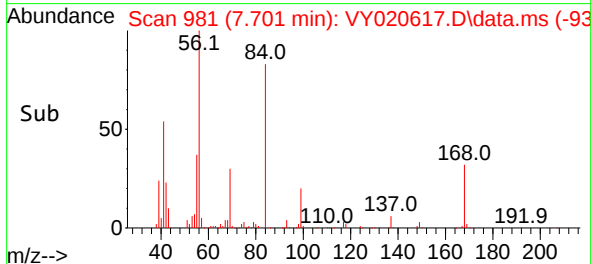
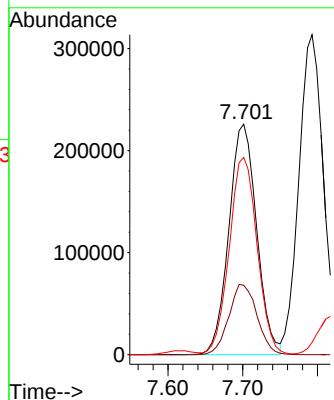
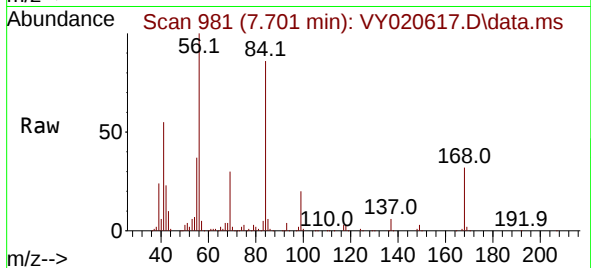




#31
Cyclohexane
Concen: 126.896 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

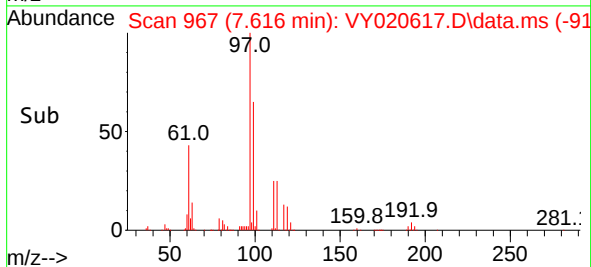
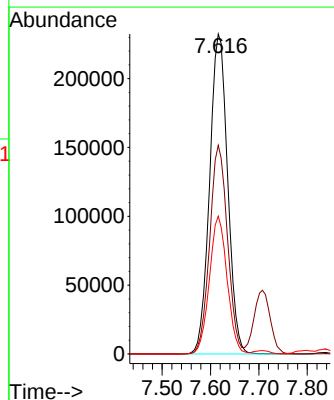
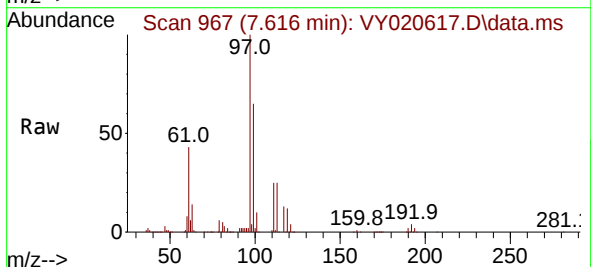
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

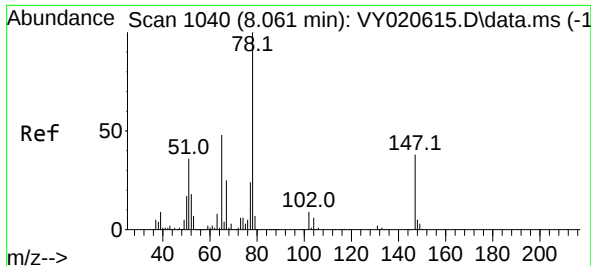
Tgt Ion: 56 Resp: 584271
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.0
84 83.9 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 135.784 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 97 Resp: 600711
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.4 34.7 52.1

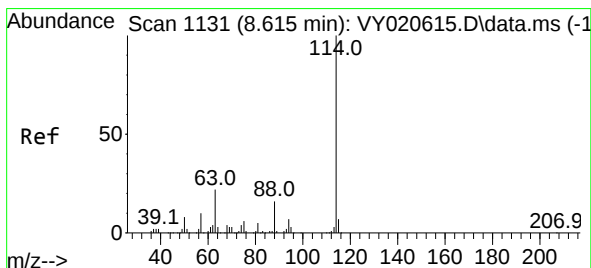
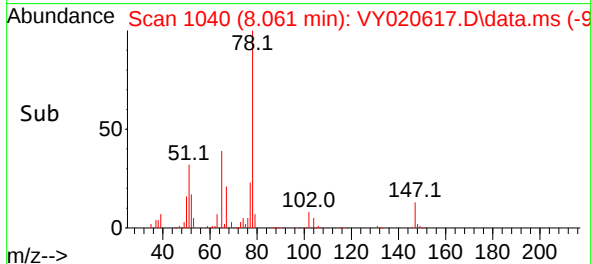
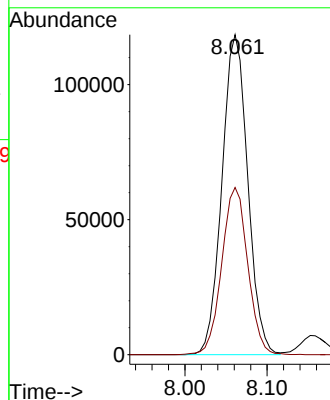
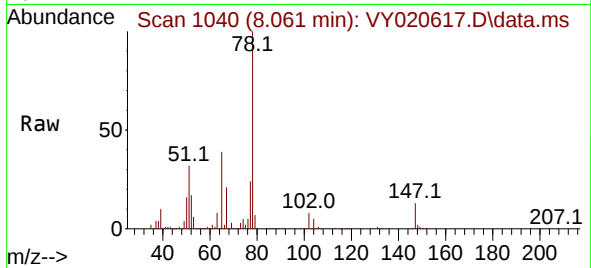




#33
 1,2-Dichloroethane-d4
 Concen: 128.022 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

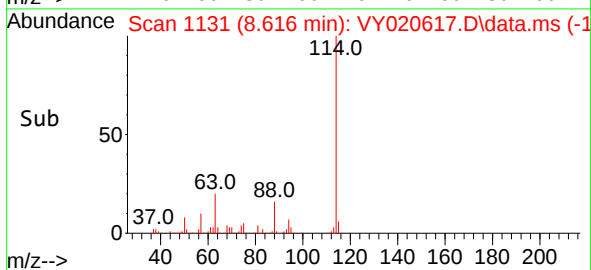
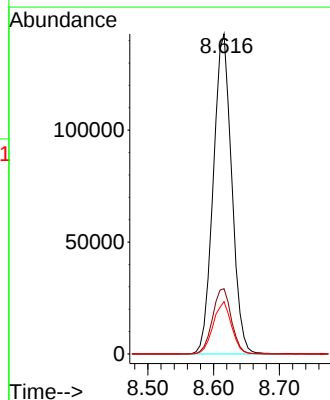
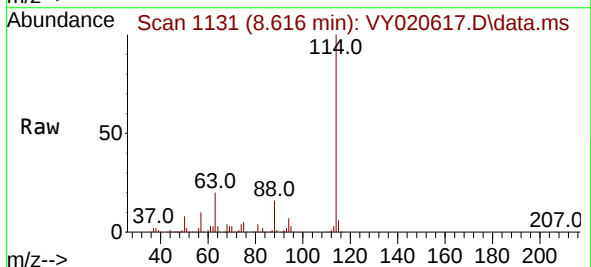
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

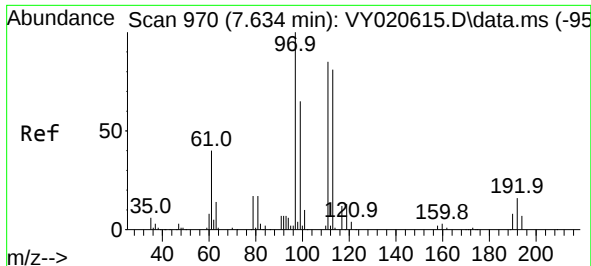
Tgt Ion: 65 Resp: 258496
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

Tgt Ion: 114 Resp: 278509
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.0
 88 16.3 0.0 32.8

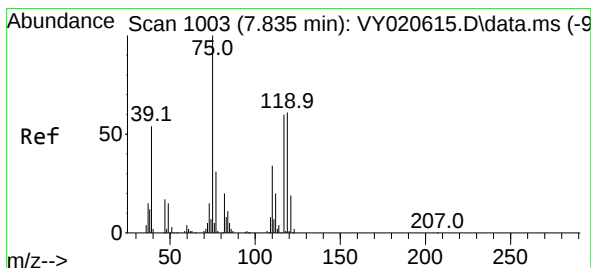
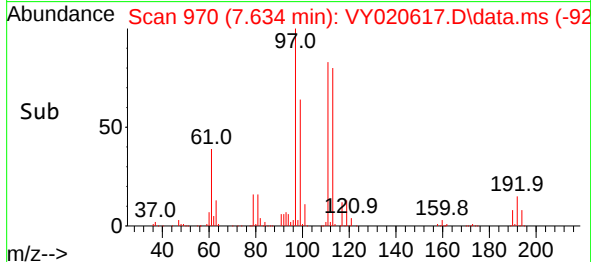
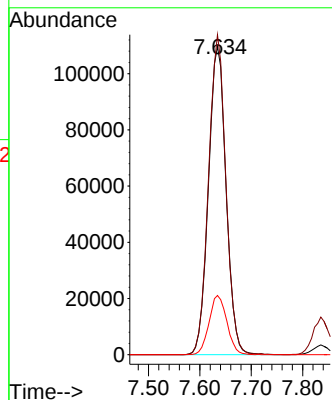
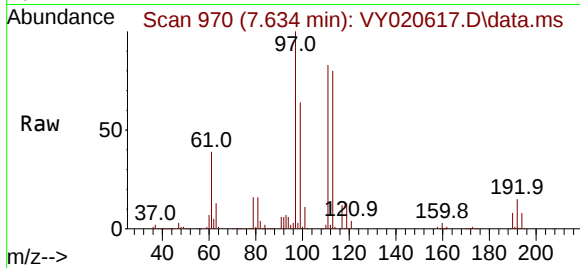




#35
Dibromofluoromethane
Concen: 133.217 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

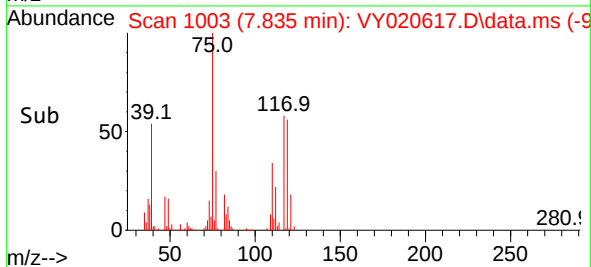
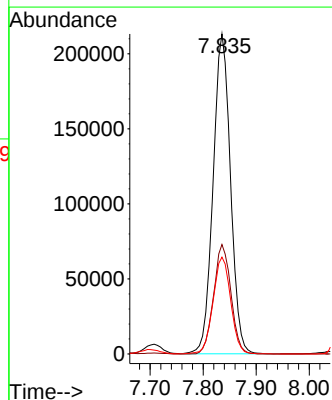
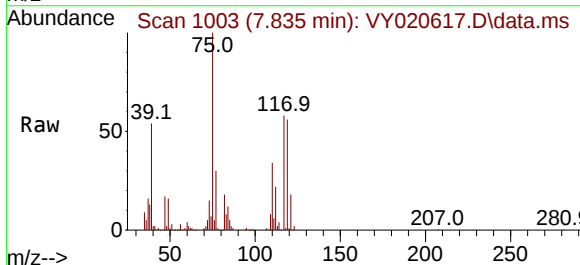
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

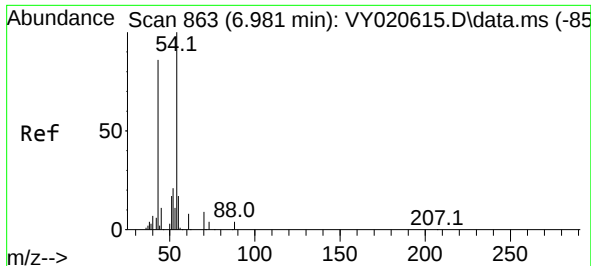
Tgt Ion:113 Resp: 261486
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 19.4 15.7 23.5



#36
1,1-Dichloropropene
Concen: 135.636 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 75 Resp: 485468
Ion Ratio Lower Upper
75 100
110 34.0 16.8 50.4
77 30.8 25.0 37.6





#37

Ethyl Acetate

Concen: 126.794 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

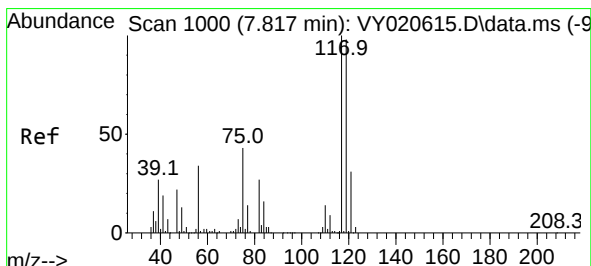
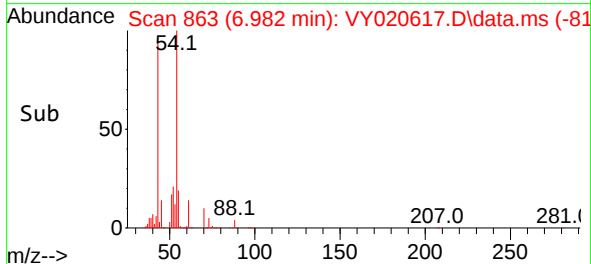
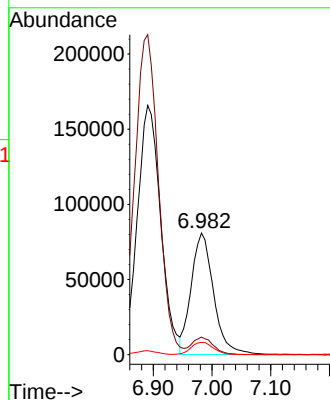
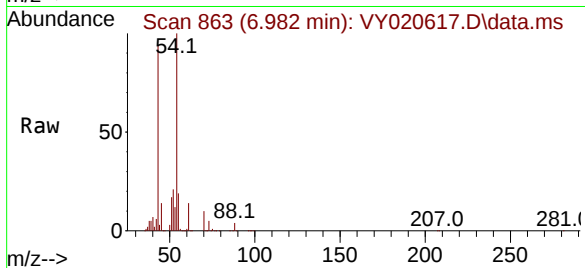
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 213468

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.3	7.9	11.9



#38

Carbon Tetrachloride

Concen: 138.477 ug/l

RT: 7.817 min Scan# 1000

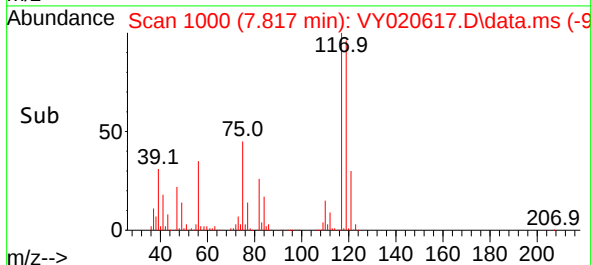
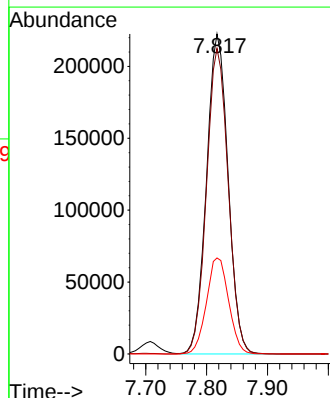
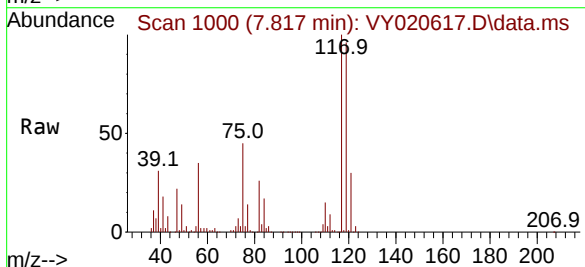
Delta R.T. 0.000 min

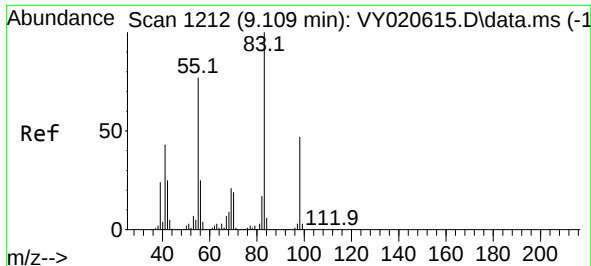
Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Tgt Ion: 117 Resp: 548361

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.3	117.5
121	30.0	25.1	37.7





#39

Methylcyclohexane

Concen: 137.259 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

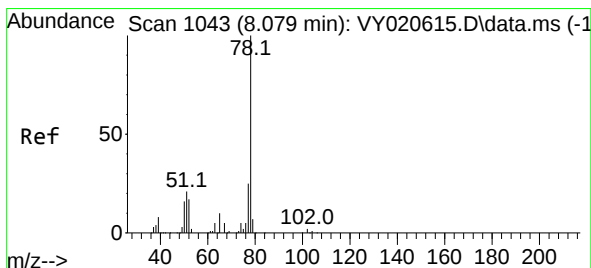
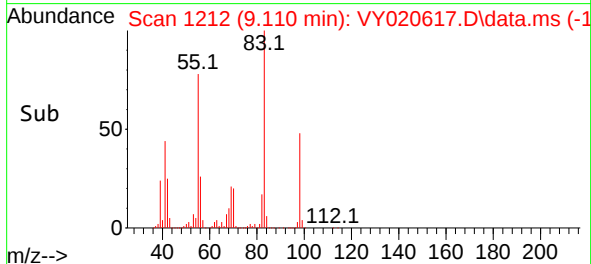
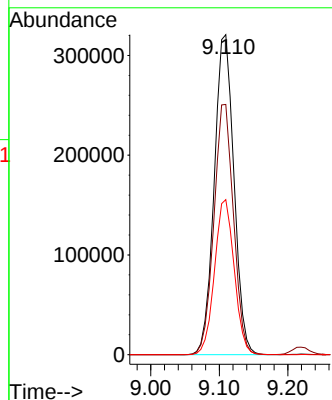
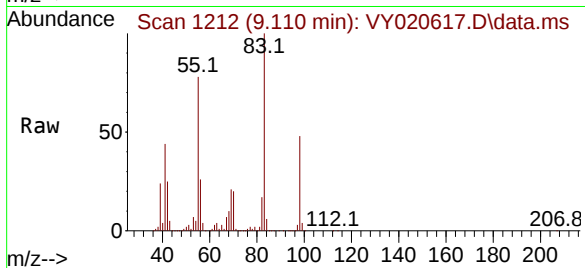
Tgt Ion: 83 Resp: 640301

Ion Ratio Lower Upper

83 100

55 78.2 61.4 92.0

98 48.5 37.3 55.9



#40

Benzene

Concen: 136.402 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020617.D

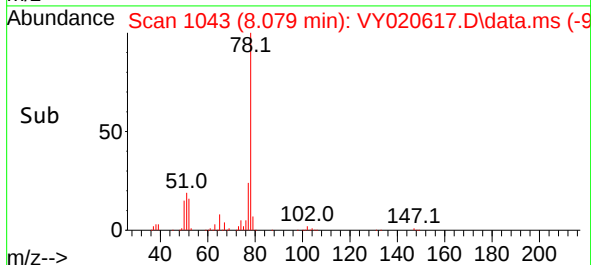
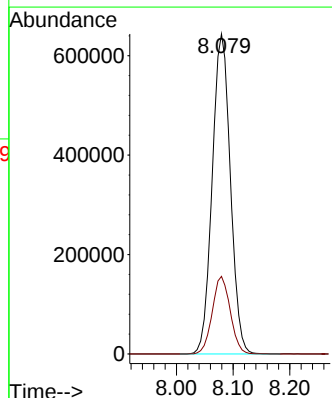
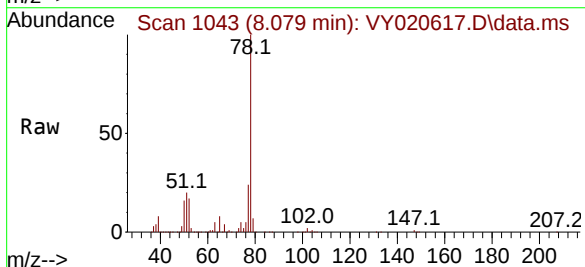
Acq: 17 Dec 2024 11:37

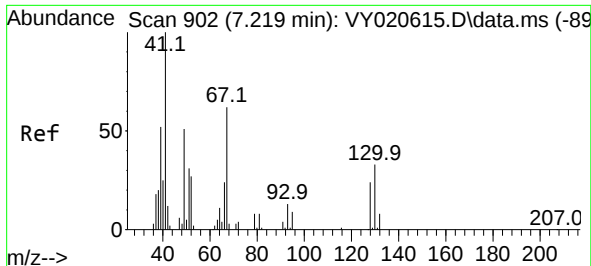
Tgt Ion: 78 Resp: 1431012

Ion Ratio Lower Upper

78 100

77 24.3 20.1 30.1



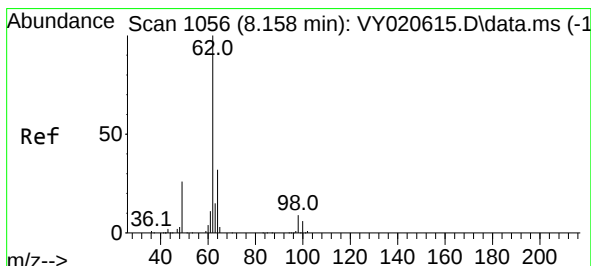
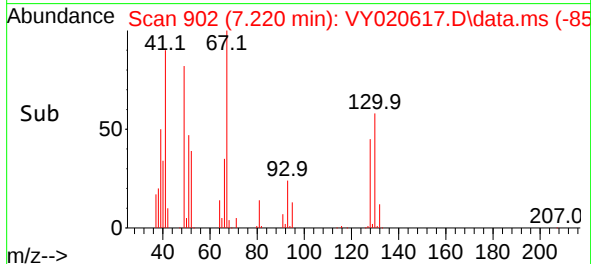
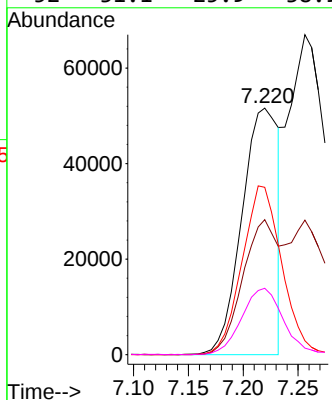
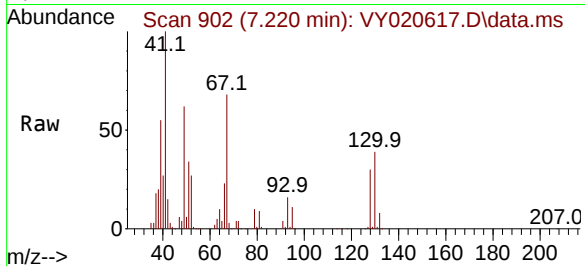


#41
Methacrylonitrile
Concen: 133.813 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 119101

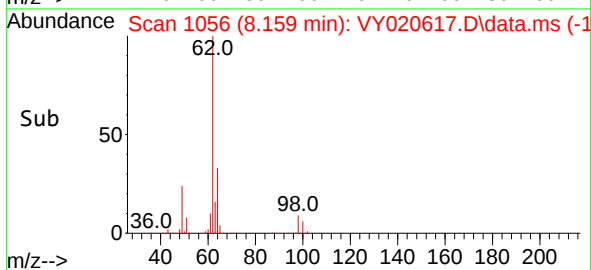
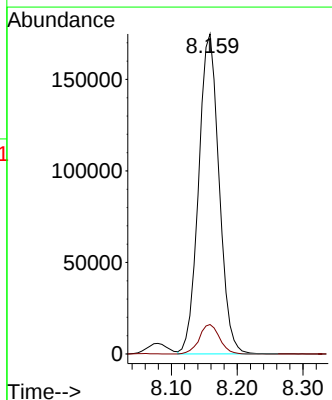
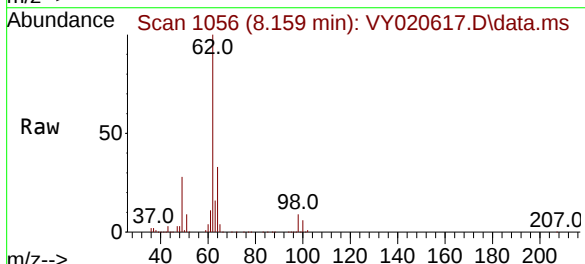
Ion	Ratio	Lower	Upper
41	100		
39	59.0	53.6	80.4
67	75.3	62.0	93.0
52	31.1	25.9	38.9

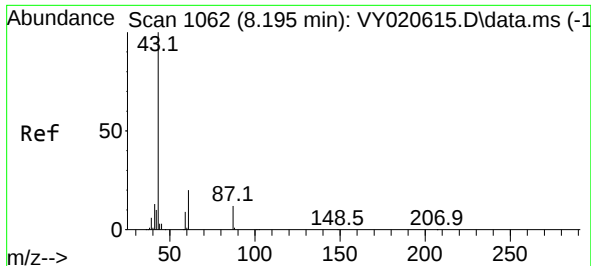


#42
1,2-Dichloroethane
Concen: 135.647 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 62 Resp: 377438

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

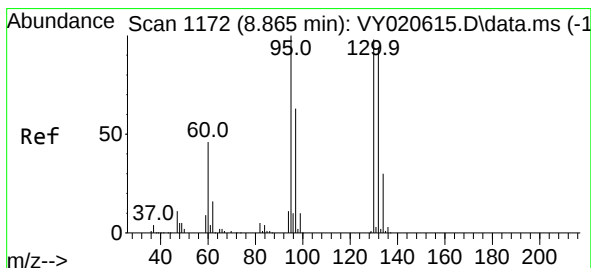
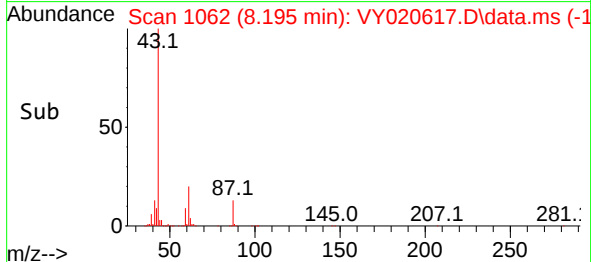
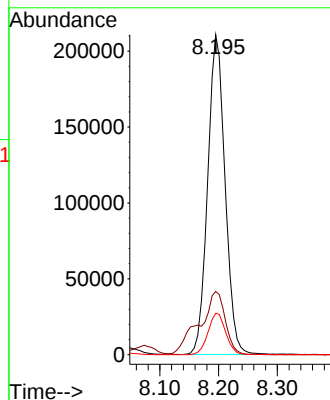
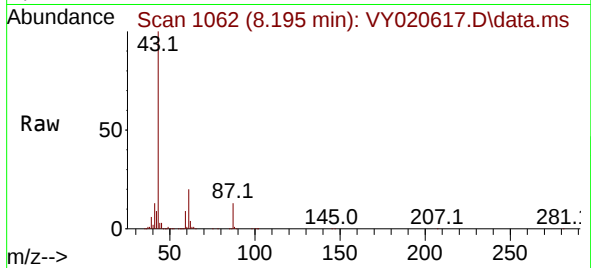




#43
Isopropyl Acetate
Concen: 135.916 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

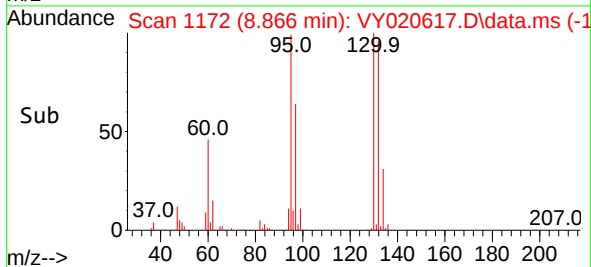
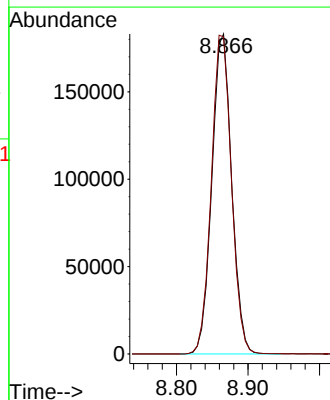
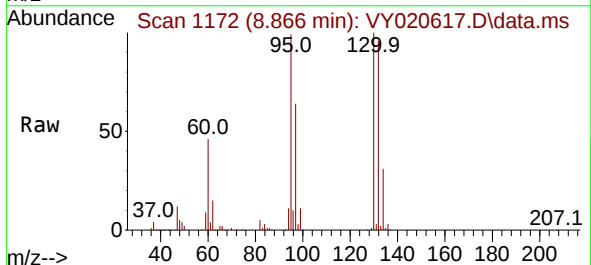
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

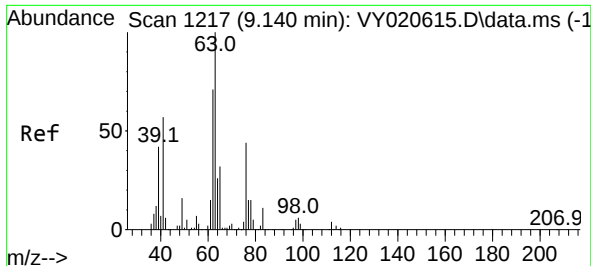
Tgt Ion: 43 Resp: 433206
Ion Ratio Lower Upper
43 100
61 29.6 23.8 35.6
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 136.648 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion:130 Resp: 352263
Ion Ratio Lower Upper
130 100
95 99.1 0.0 203.2





#45

1,2-Dichloropropane

Concen: 136.766 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

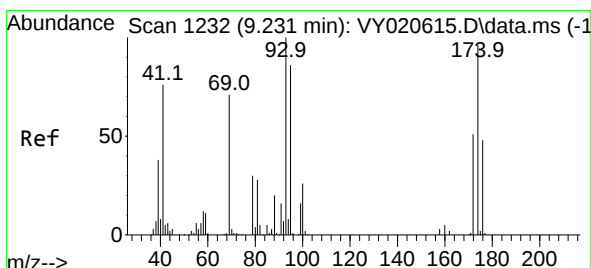
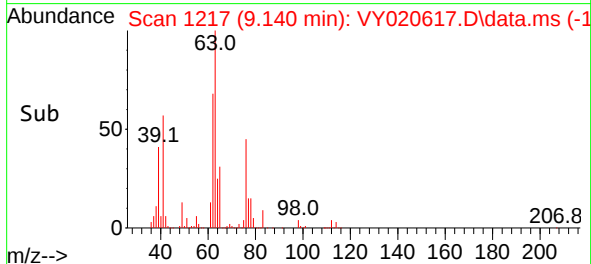
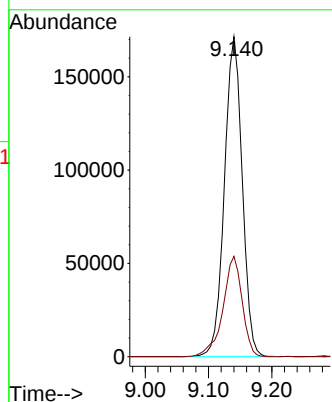
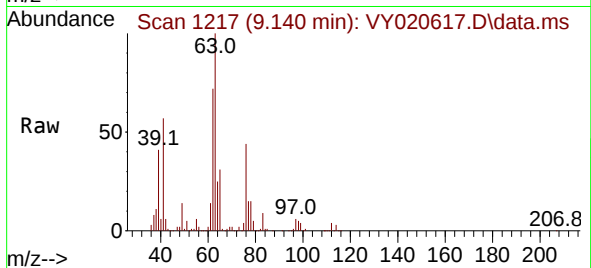
VSTDIC150

Tgt Ion: 63 Resp: 335340

Ion Ratio Lower Upper

63 100

65 31.4 25.9 38.9



#46

Dibromomethane

Concen: 134.905 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

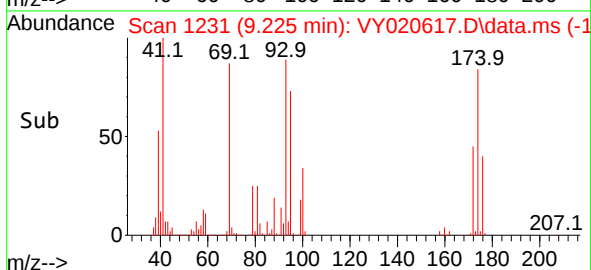
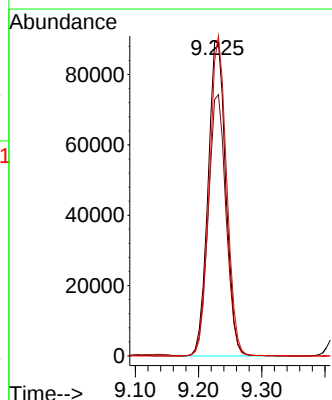
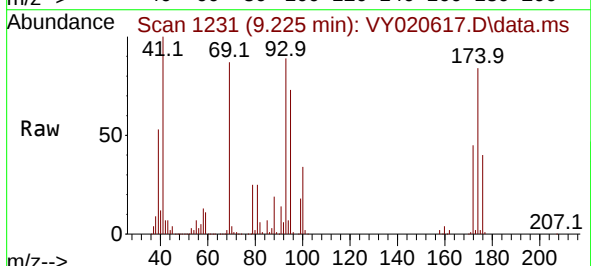
Tgt Ion: 93 Resp: 174812

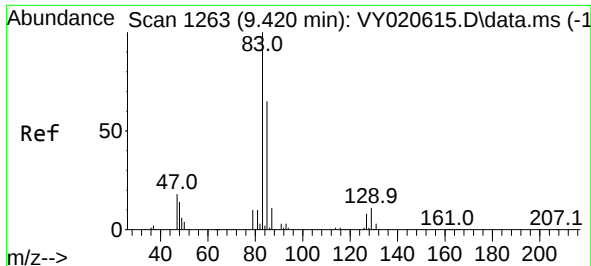
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 98.5 77.8 116.6

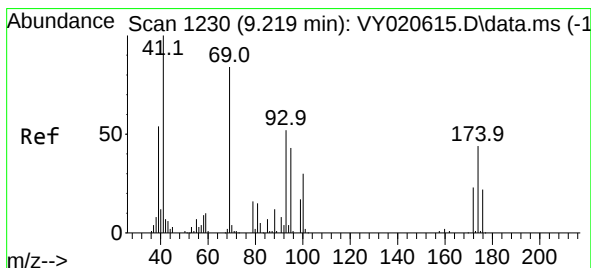
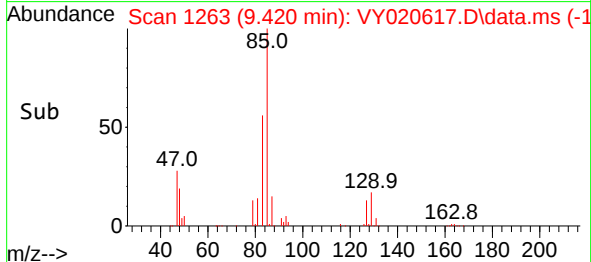
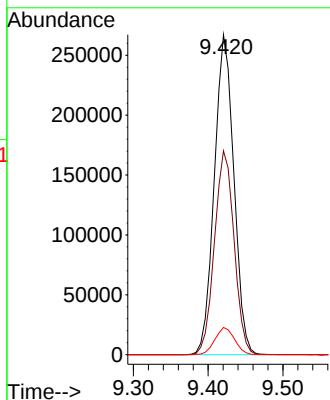
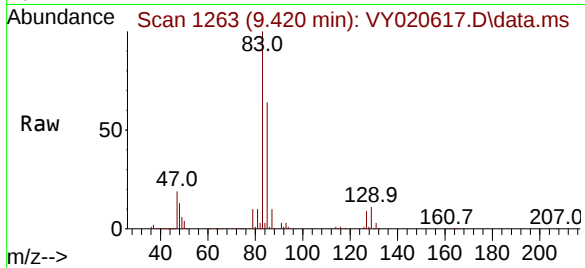




#47
Bromodichloromethane
Concen: 138.787 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

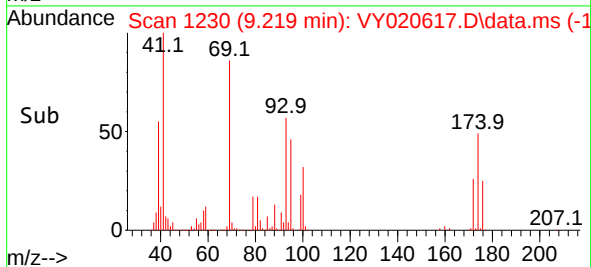
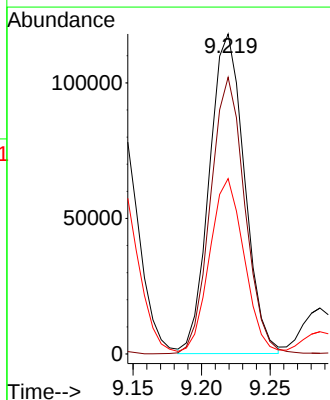
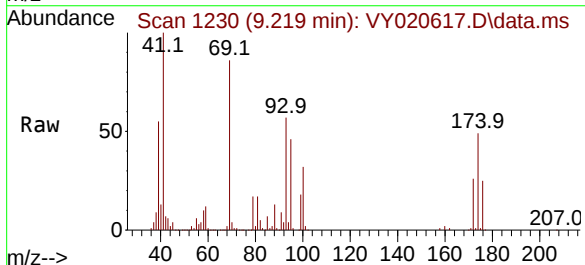
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

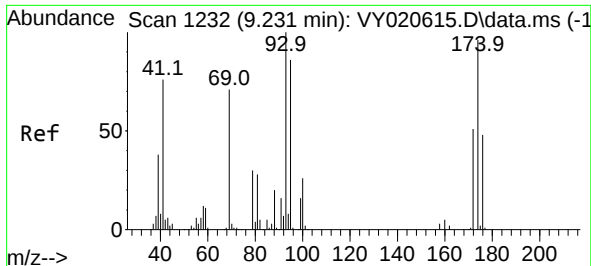
Tgt Ion: 83 Resp: 485795
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 138.957 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 41 Resp: 210550
Ion Ratio Lower Upper
41 100
69 85.2 67.2 100.8
39 52.7 42.2 63.4





#49

1,4-Dioxane

Concen: 2773.834 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

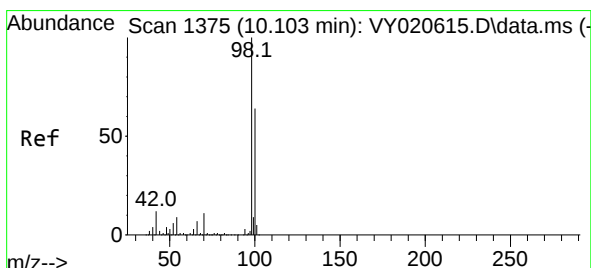
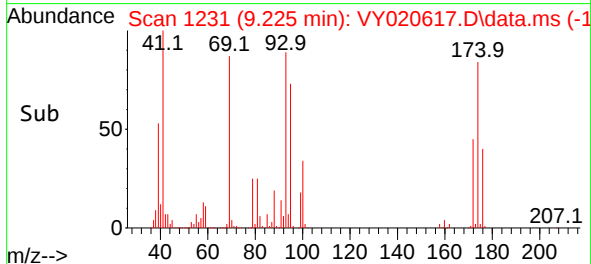
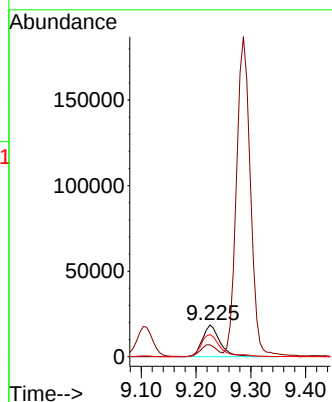
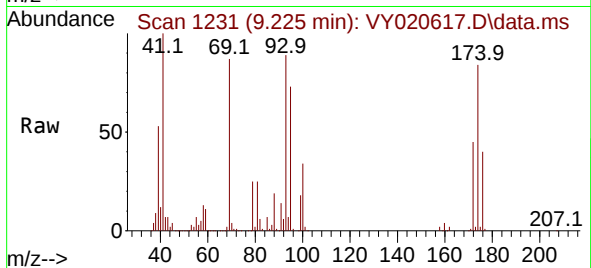
Tgt Ion: 88 Resp: 41221

Ion Ratio Lower Upper

88 100

43 35.1 27.6 41.4

58 77.1 61.7 92.5



#50

Toluene-d8

Concen: 133.785 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020617.D

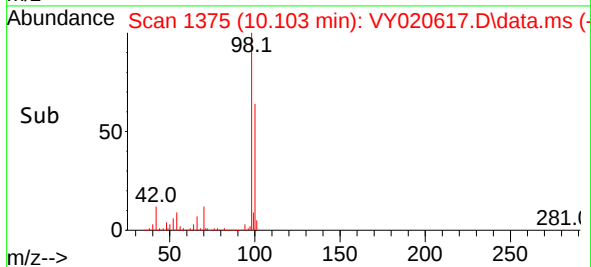
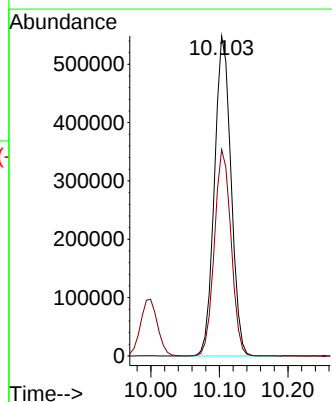
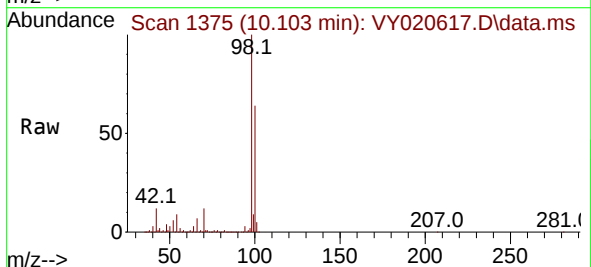
Acq: 17 Dec 2024 11:37

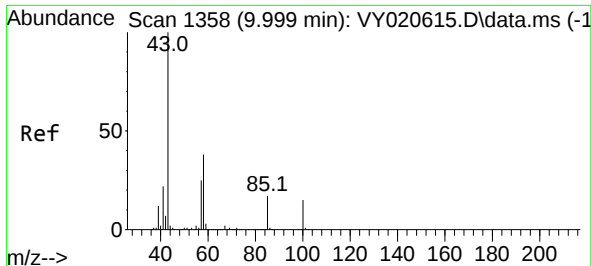
Tgt Ion: 98 Resp: 919148

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

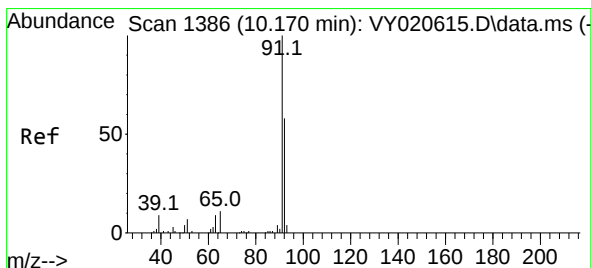
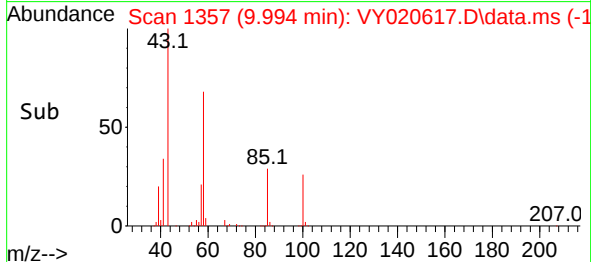
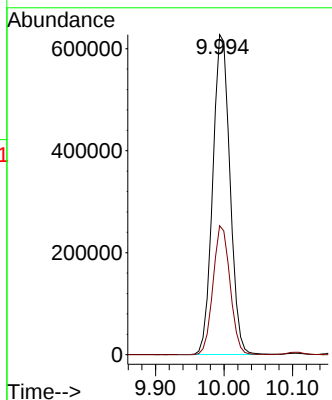
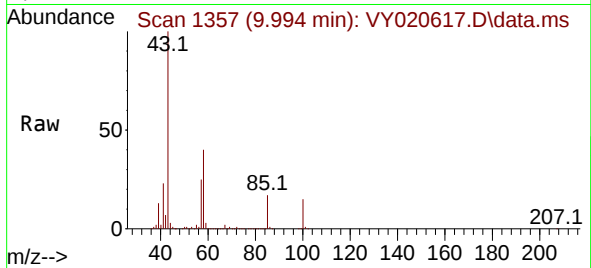




#51
4-Methyl-2-Pentanone
Concen: 649.161 ug/l
RT: 9.994 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

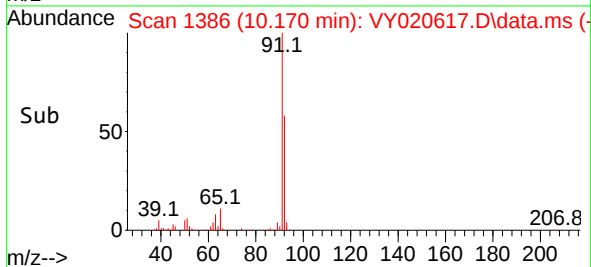
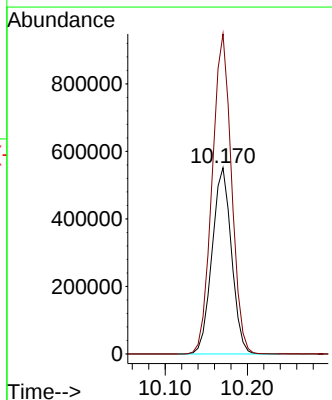
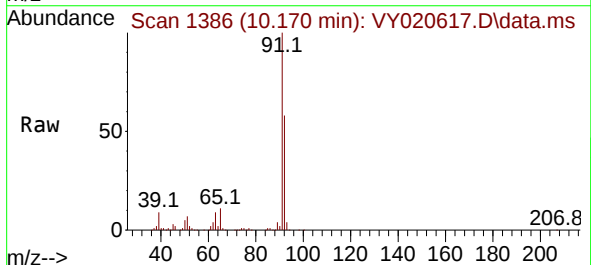
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

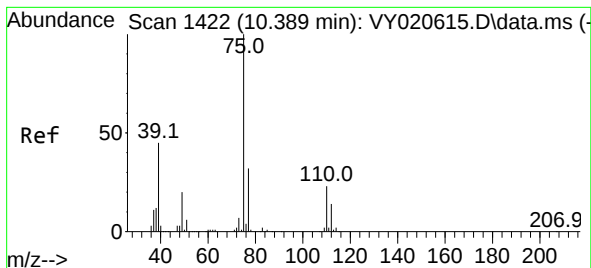
Tgt Ion: 43 Resp: 1092140
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.2



#52
Toluene
Concen: 138.659 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 92 Resp: 904033
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.0

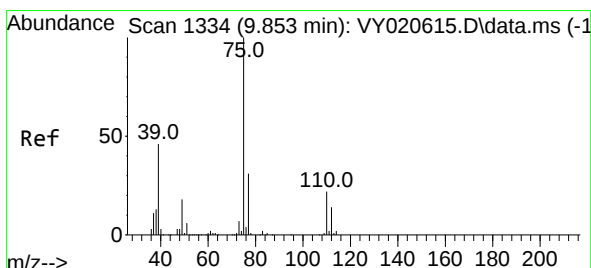
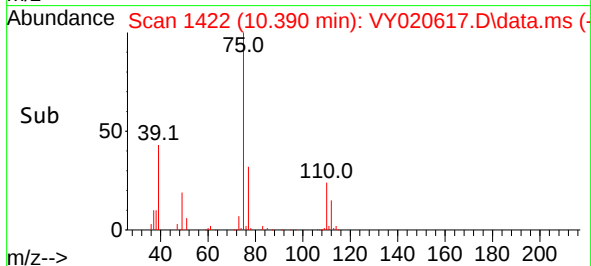
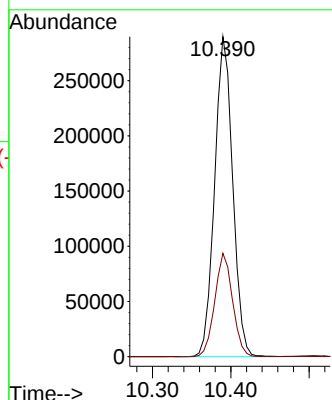
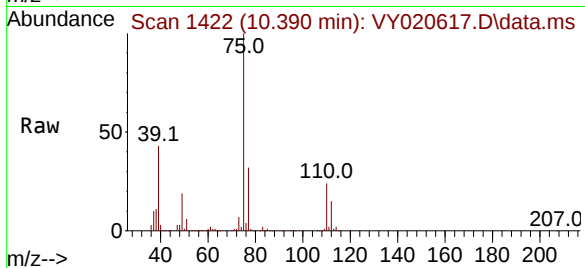




#53
t-1,3-Dichloropropene
Concen: 142.541 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

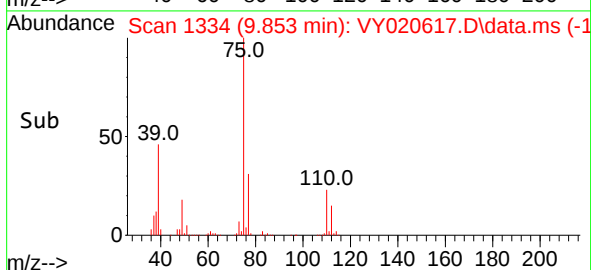
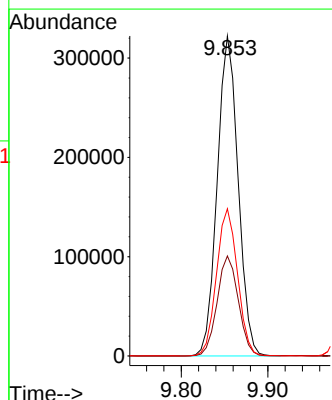
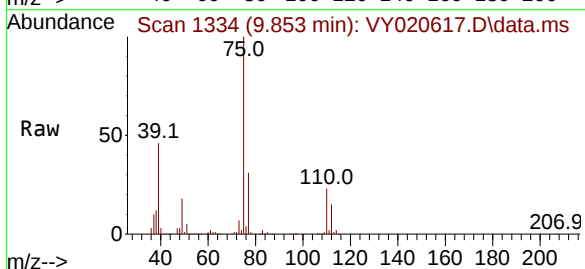
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

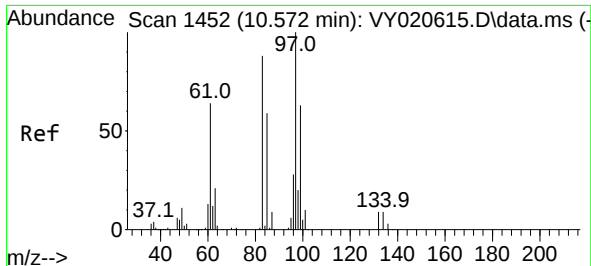
Tgt Ion: 75 Resp: 464905
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 139.760 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 75 Resp: 540157
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 46.0 36.4 54.6



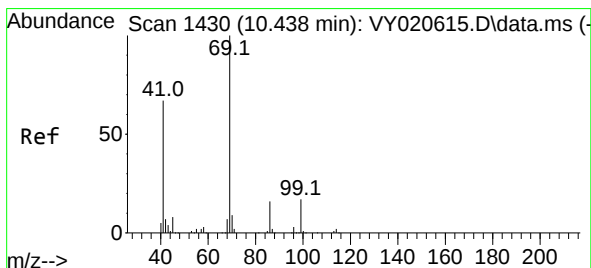
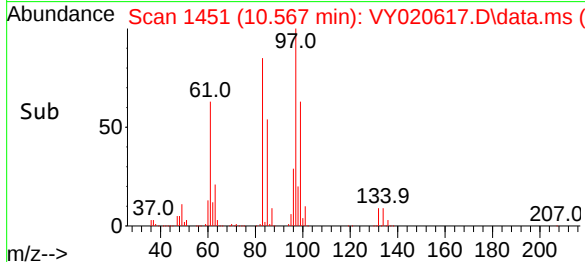
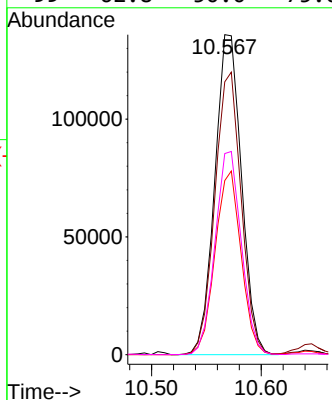
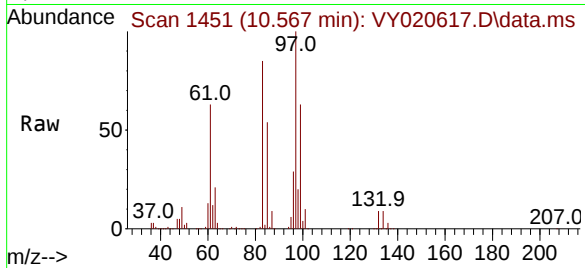


#55
1,1,2-Trichloroethane
Concen: 134.466 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 230372

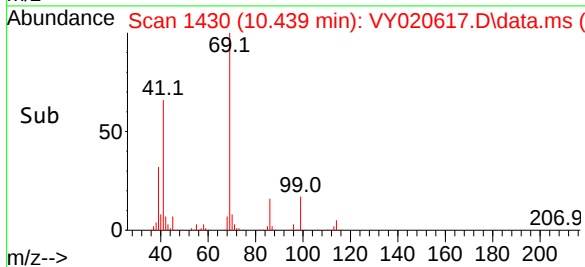
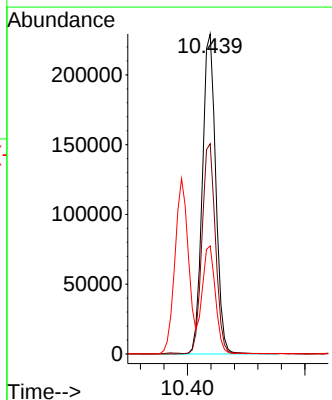
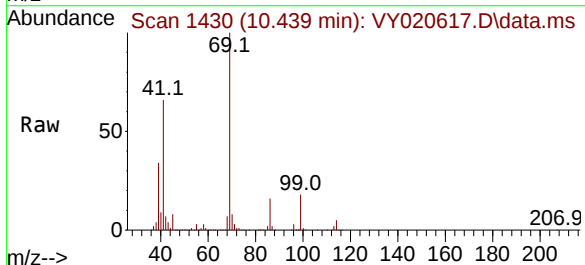
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.4	105.6
85	54.4	47.2	70.8
99	62.8	50.0	75.0

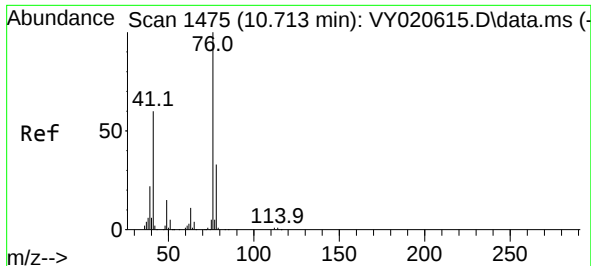


#56
Ethyl methacrylate
Concen: 146.095 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 69 Resp: 363115

Ion	Ratio	Lower	Upper
69	100		
41	65.9	54.0	81.0
39	33.3	27.9	41.9





#57

1,3-Dichloropropane

Concen: 135.406 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

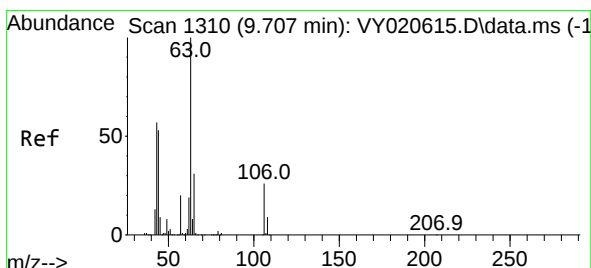
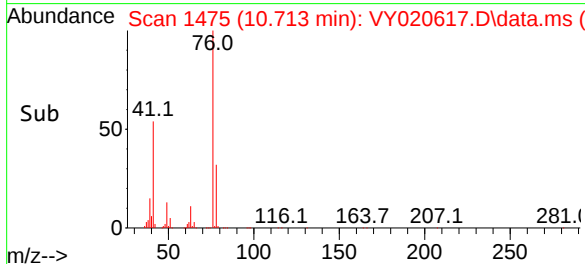
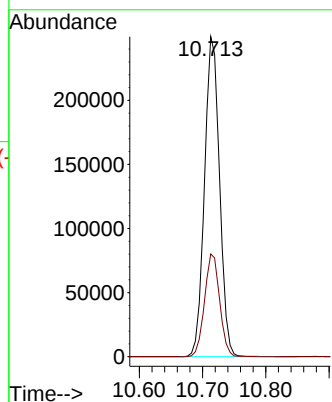
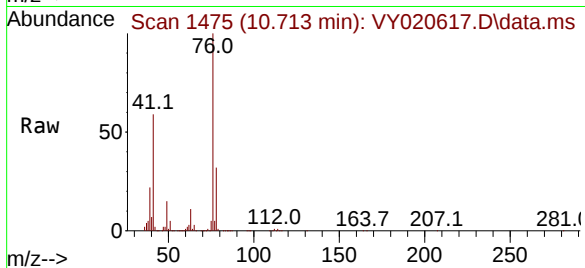
VSTDIC150

Tgt Ion: 76 Resp: 413542

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 790.569 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020617.D

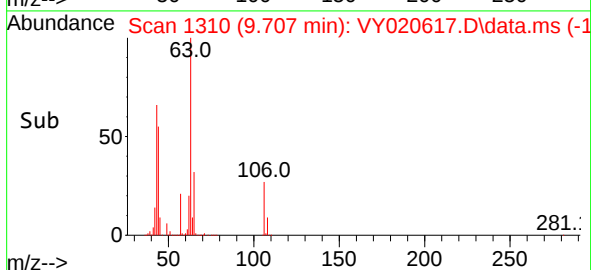
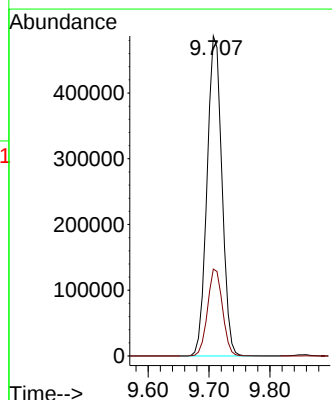
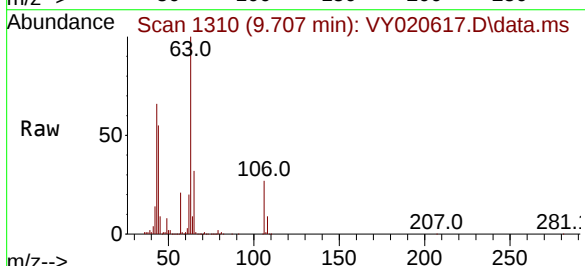
Acq: 17 Dec 2024 11:37

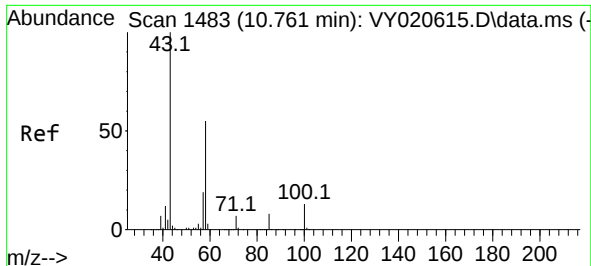
Tgt Ion: 63 Resp: 826777

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3





#59

2-Hexanone

Concen: 677.527 ug/l

RT: 10.756 min Scan# 1482

Delta R.T. -0.006 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

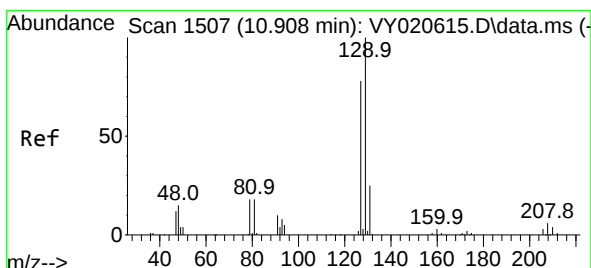
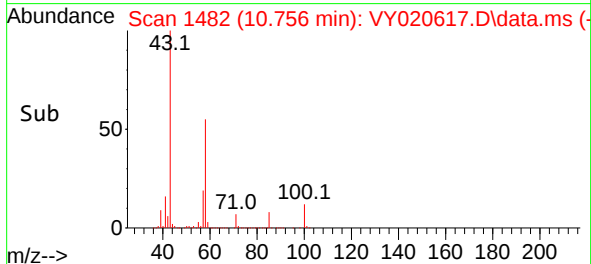
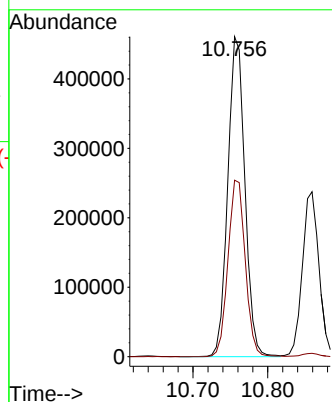
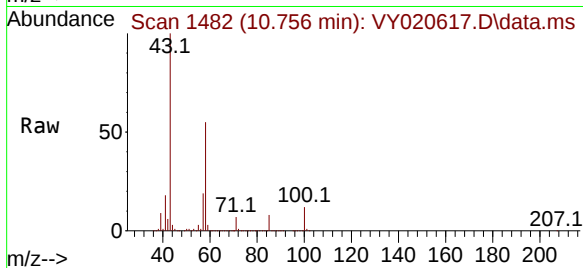
VSTDIC150

Tgt Ion: 43 Resp: 731842

Ion Ratio Lower Upper

43 100

58 55.9 27.2 81.6



#60

Dibromochloromethane

Concen: 138.906 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY020617.D

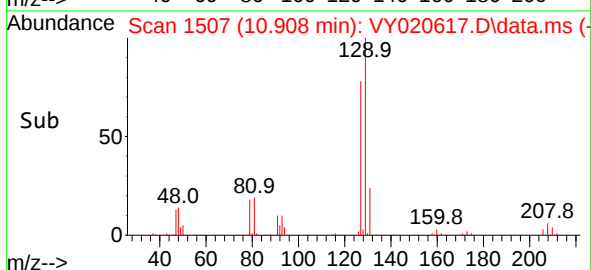
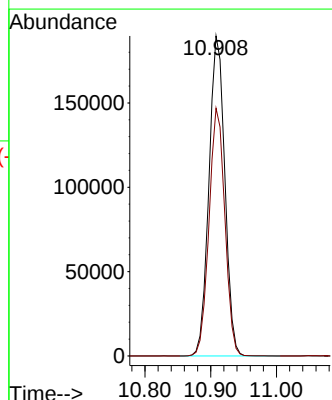
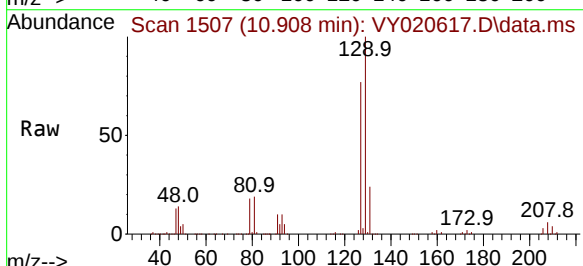
Acq: 17 Dec 2024 11:37

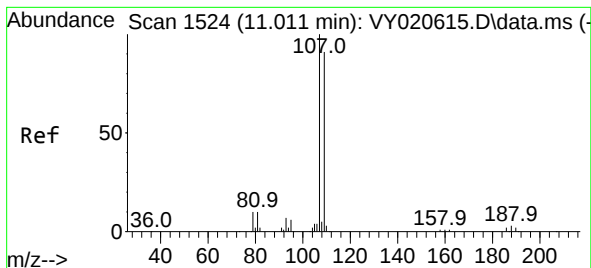
Tgt Ion:129 Resp: 318266

Ion Ratio Lower Upper

129 100

127 77.3 38.1 114.3

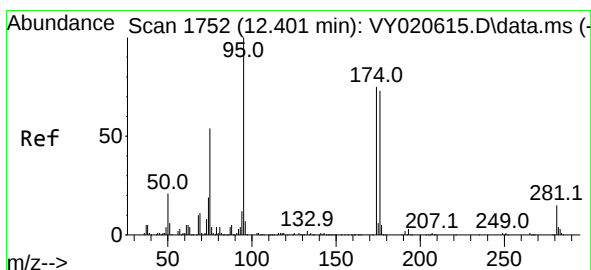
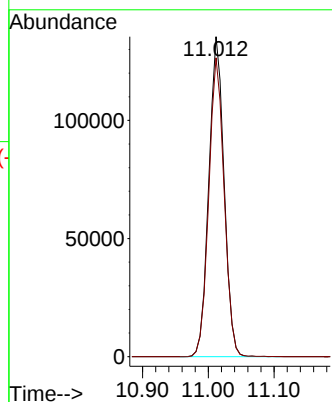
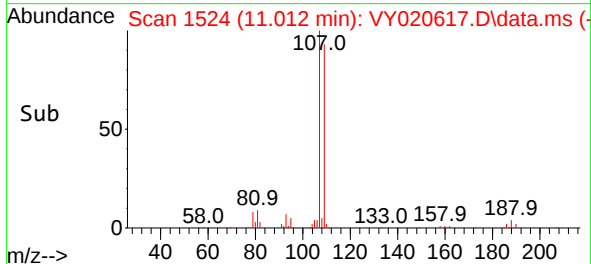
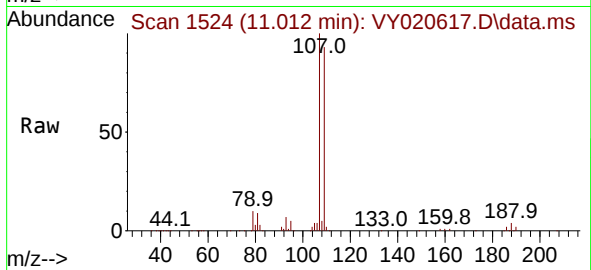




#61
1,2-Dibromoethane
Concen: 137.043 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

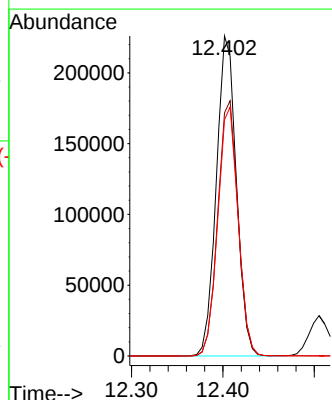
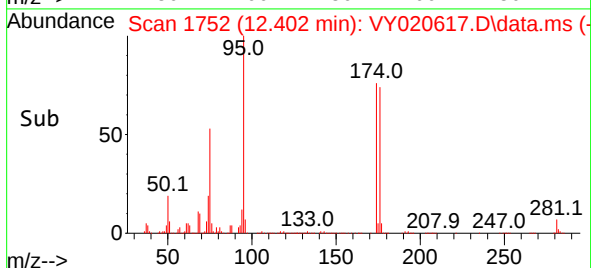
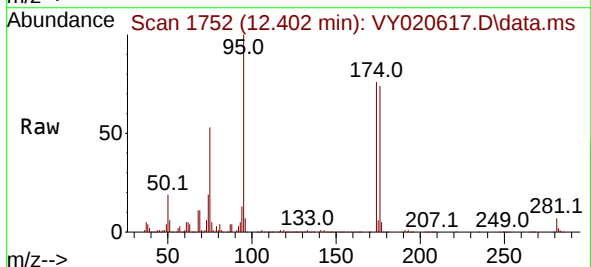
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

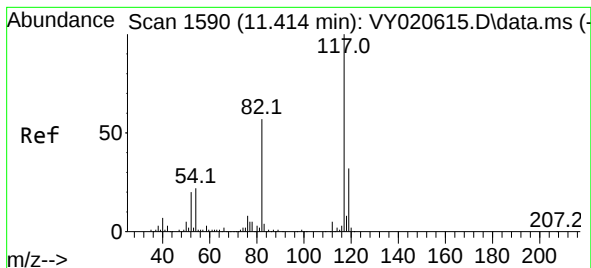
Tgt Ion:107 Resp: 218394
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 127.965 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 95 Resp: 343903
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.8
176 78.9 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

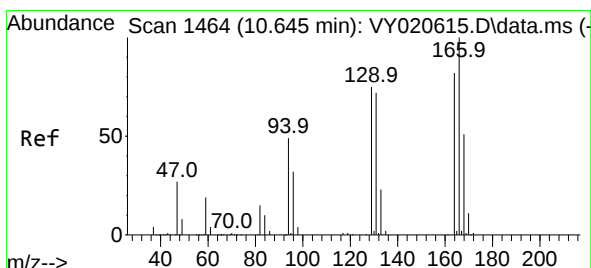
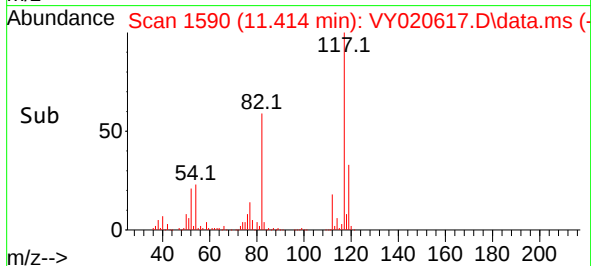
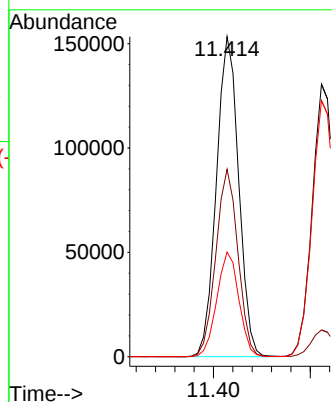
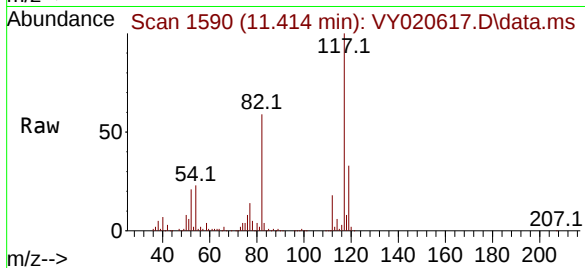
Tgt Ion:117 Resp: 244385

Ion Ratio Lower Upper

117 100

82 58.6 45.8 68.6

119 32.7 25.3 37.9



#64

Tetrachloroethene

Concen: 134.678 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Tgt Ion:164 Resp: 309587

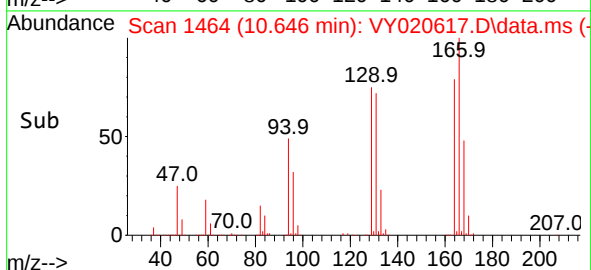
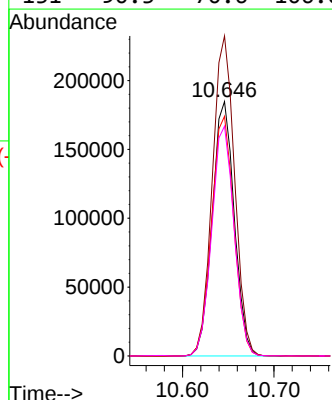
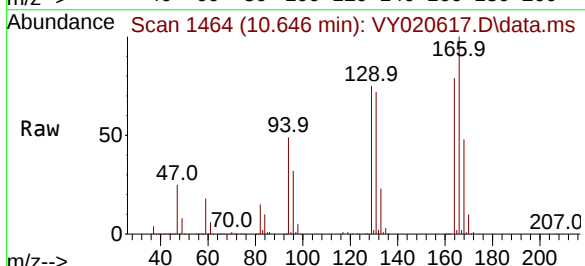
Ion Ratio Lower Upper

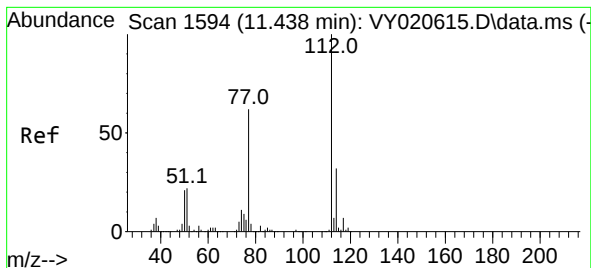
164 100

166 125.8 97.9 146.9

129 94.2 73.4 110.0

131 90.3 70.6 106.0

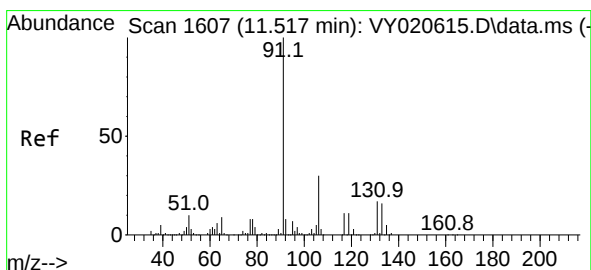
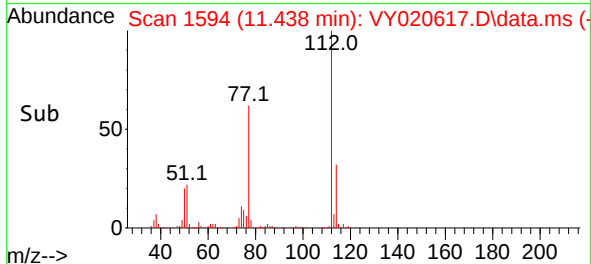
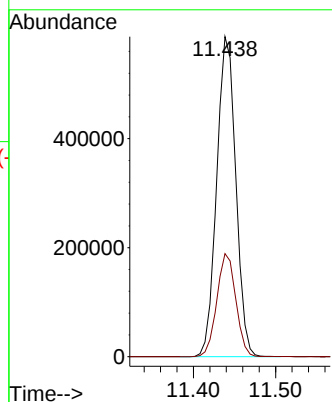
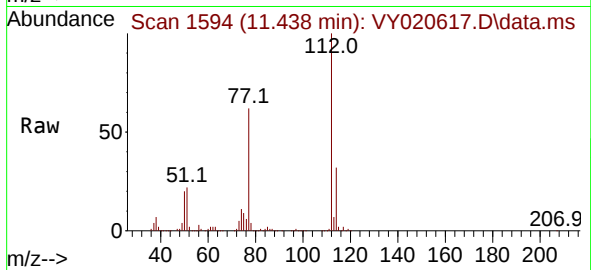




#65
Chlorobenzene
Concen: 138.742 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

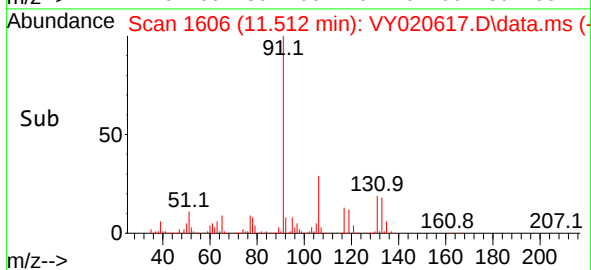
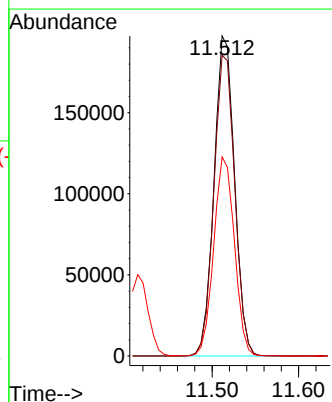
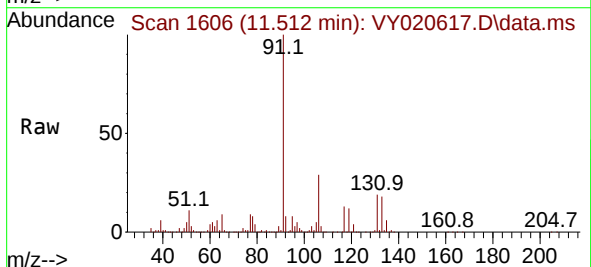
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

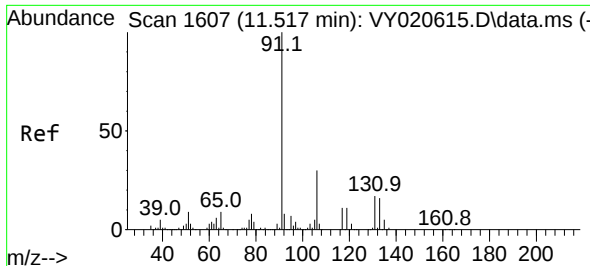
Tgt Ion:112 Resp: 948051
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 138.995 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion:131 Resp: 324778
Ion Ratio Lower Upper
131 100
133 95.6 46.8 140.3
119 62.8 31.8 95.3

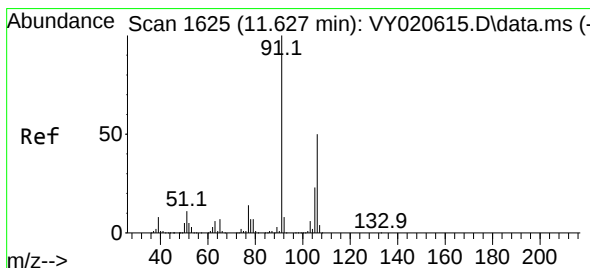
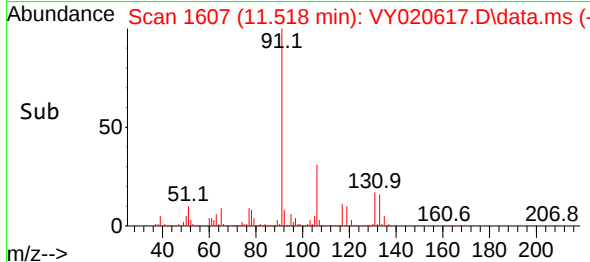
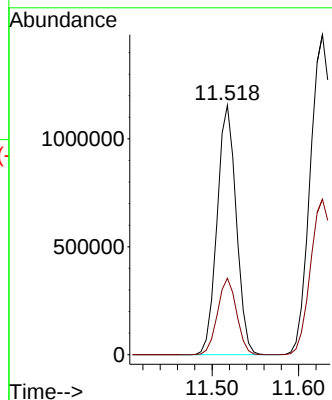
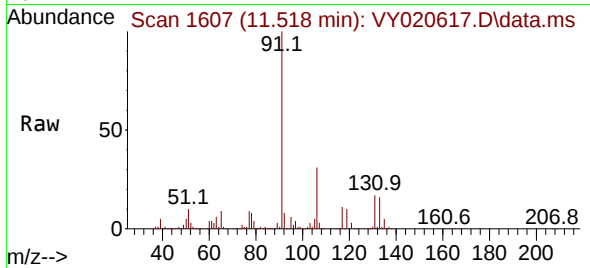




#67
Ethyl Benzene
Concen: 140.410 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

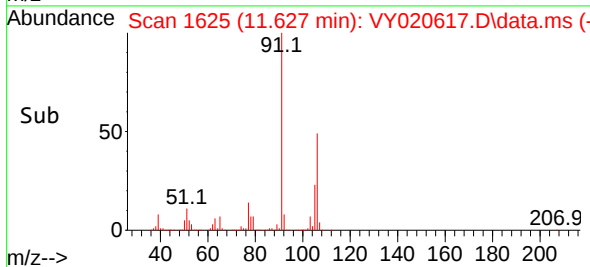
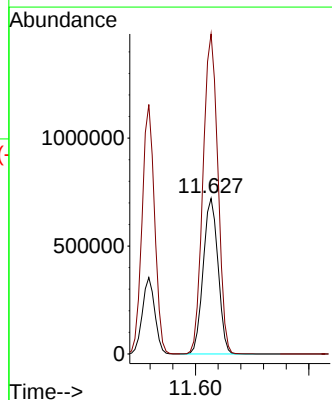
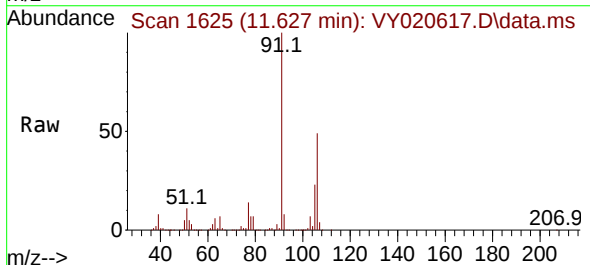
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

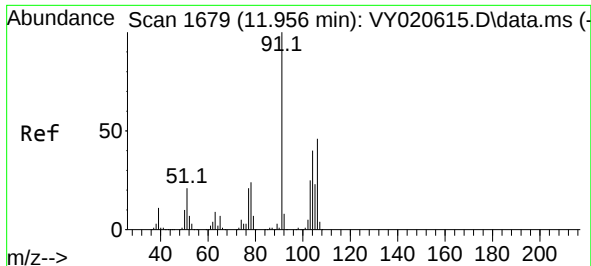
Tgt Ion: 91 Resp: 1770086
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9



#68
m/p-Xylenes
Concen: 279.114 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion:106 Resp: 1308282
Ion Ratio Lower Upper
106 100
91 206.1 165.0 247.4

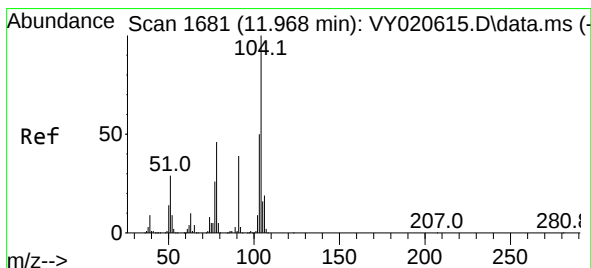
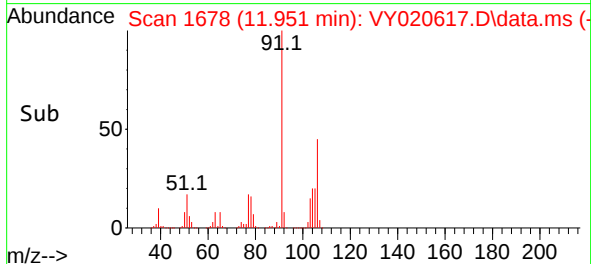
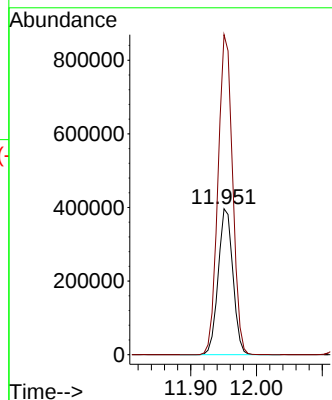
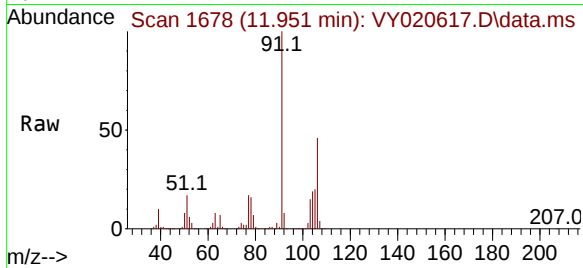




#69
o-Xylene
Concen: 141.099 ug/l
RT: 11.951 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

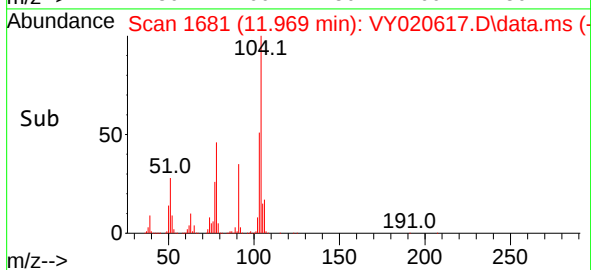
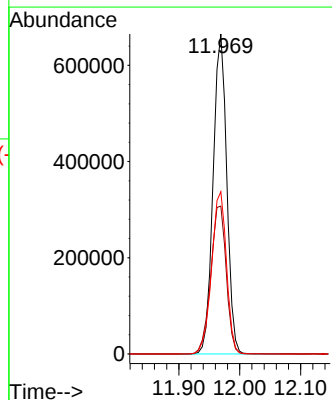
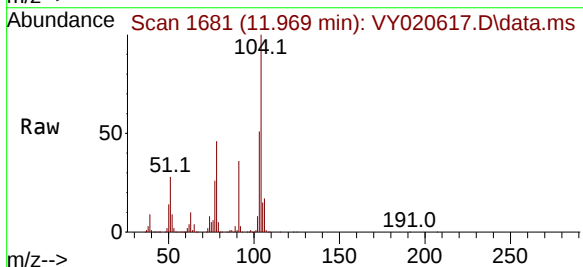
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

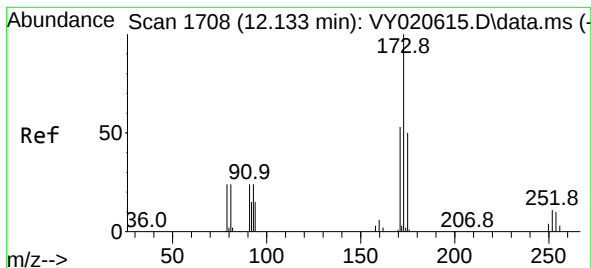
Tgt Ion:106 Resp: 617079
Ion Ratio Lower Upper
106 100
91 217.7 108.4 325.2



#70
Styrene
Concen: 141.122 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion:104 Resp: 1031166
Ion Ratio Lower Upper
104 100
78 52.6 41.6 62.4
103 55.3 43.7 65.5





#71

Bromoform

Concen: 139.463 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

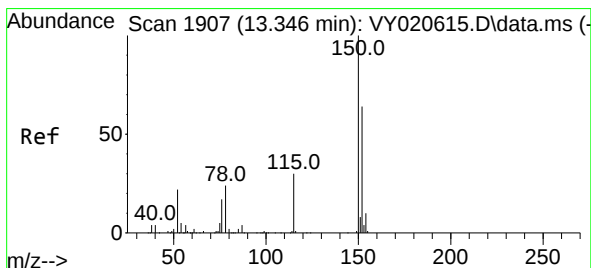
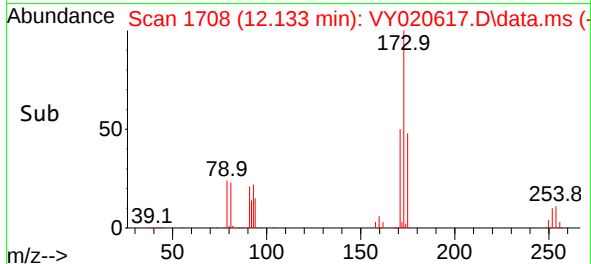
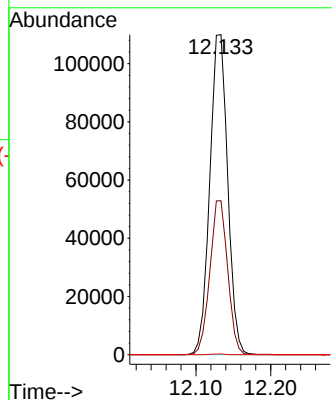
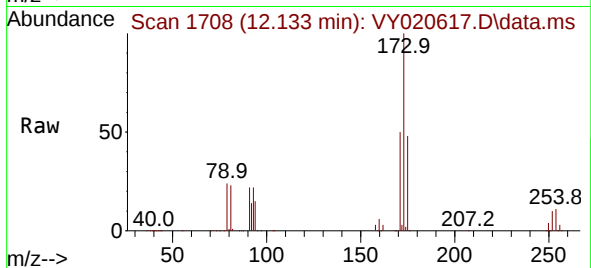
Tgt Ion:173 Resp: 183216

Ion Ratio Lower Upper

173 100

175 47.9 24.6 74.0

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

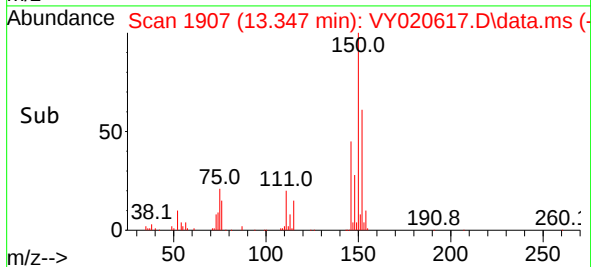
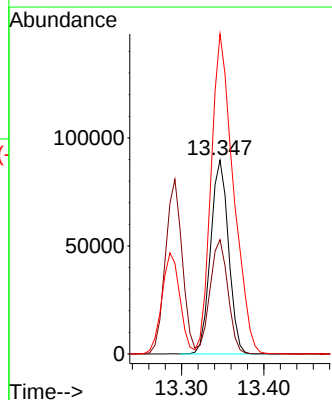
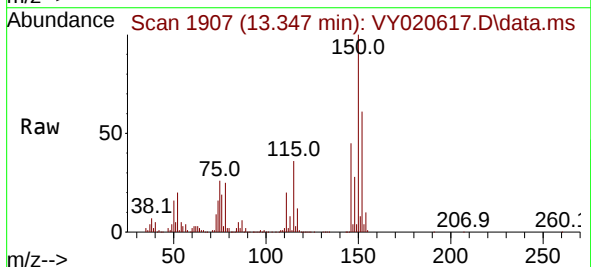
Tgt Ion:152 Resp: 135852

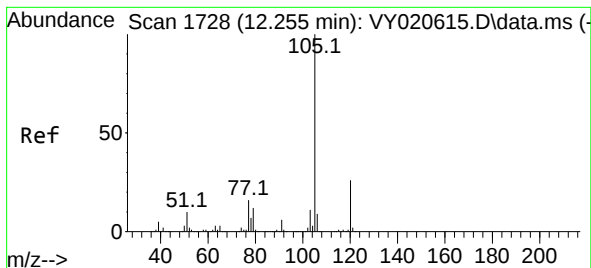
Ion Ratio Lower Upper

152 100

115 59.2 30.2 90.6

150 205.6 0.0 355.4





#73

Isopropylbenzene

Concen: 139.276 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

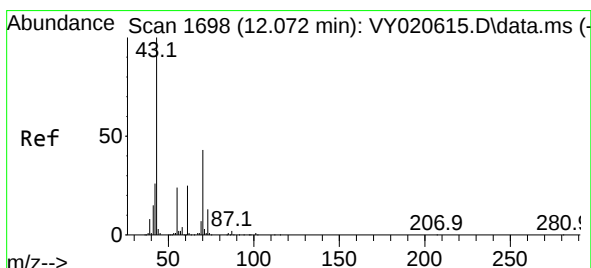
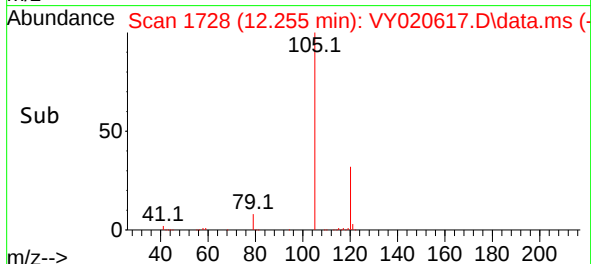
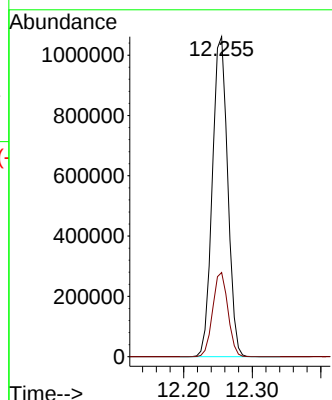
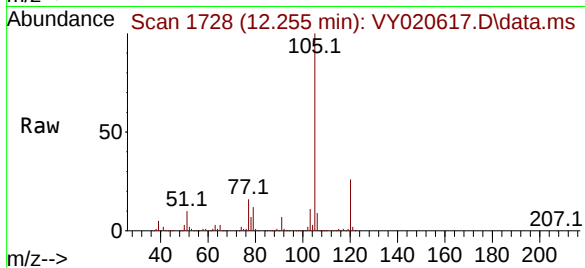
VSTDIC150

Tgt Ion:105 Resp: 1651138

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 142.807 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Tgt Ion: 43 Resp: 396216

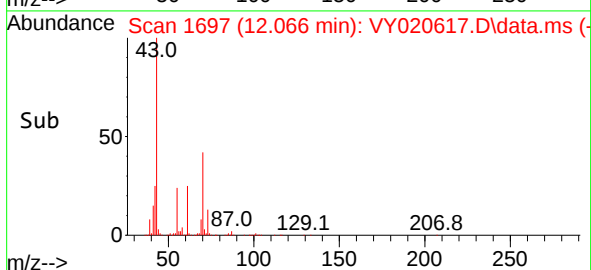
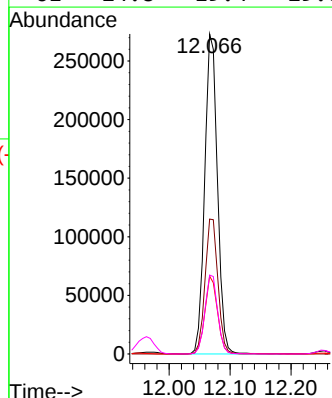
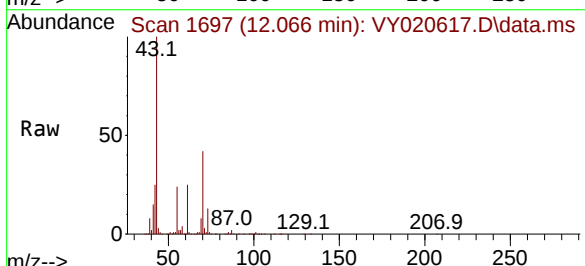
Ion Ratio Lower Upper

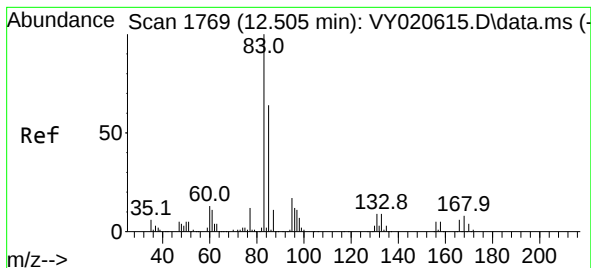
43 100

70 42.7 34.2 51.2

55 24.0 19.6 29.4

61 24.8 19.4 29.0

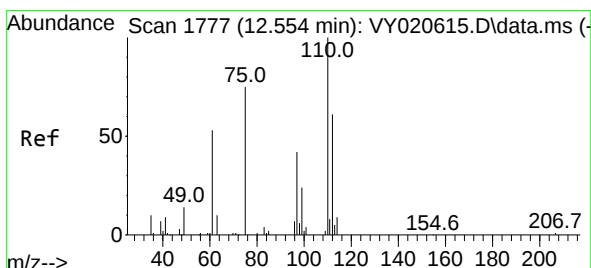
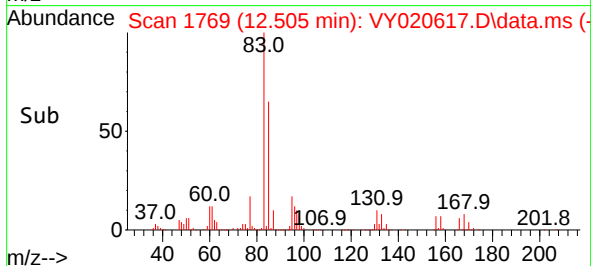
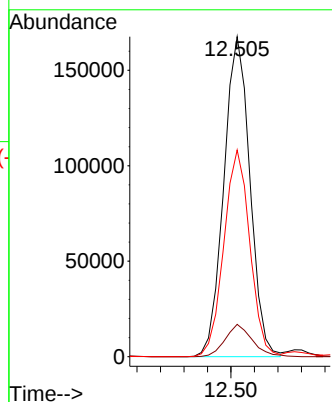
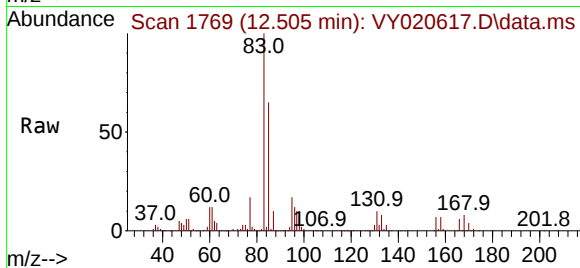




#75
1,1,2,2-Tetrachloroethane
Concen: 134.480 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

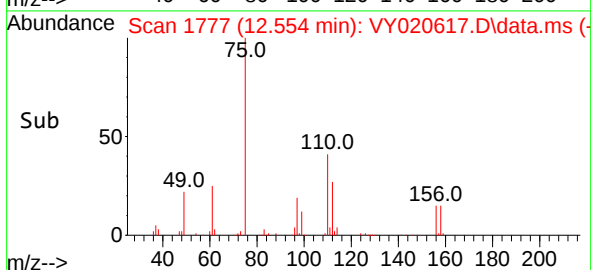
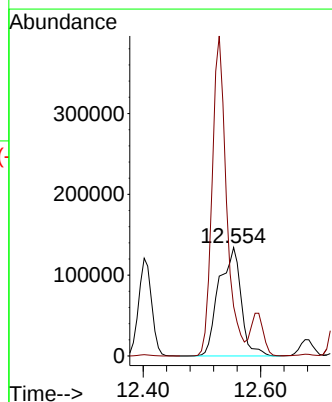
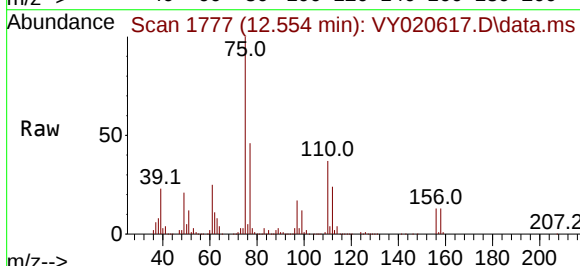
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

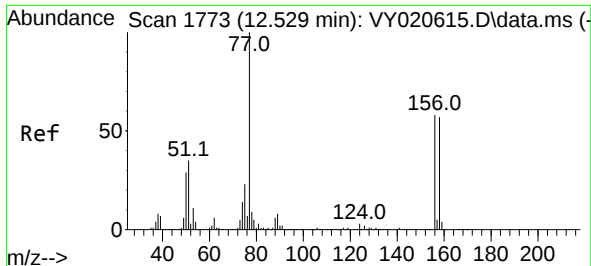
Tgt Ion: 83 Resp: 258787
Ion Ratio Lower Upper
83 100
131 10.5 5.2 15.6
85 64.3 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 251.196 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 75 Resp: 351473
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

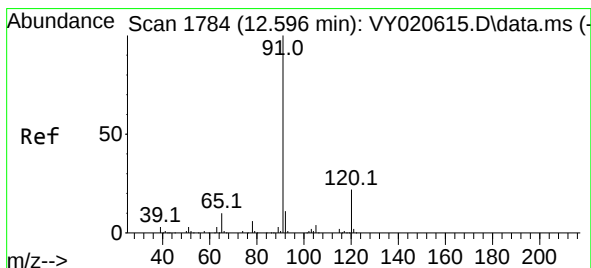
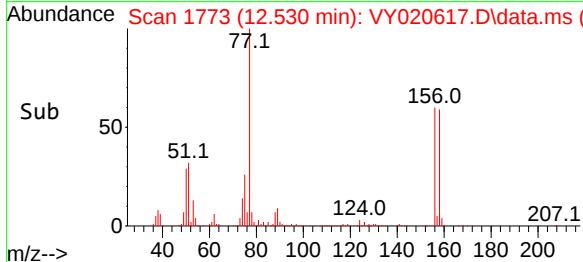
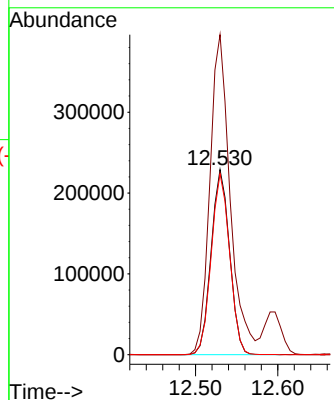
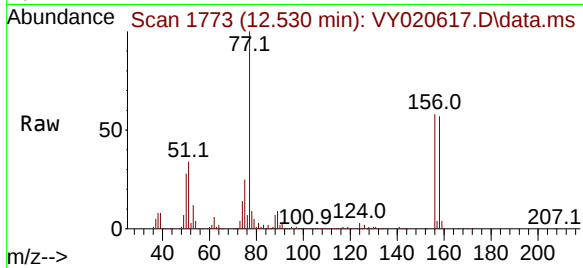




#77
Bromobenzene
Concen: 138.423 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

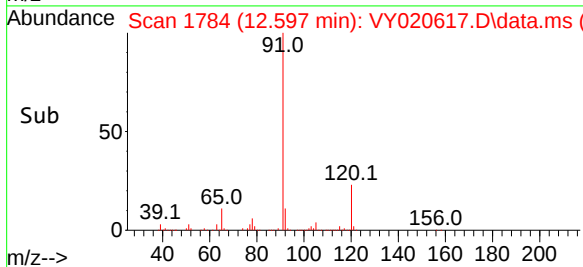
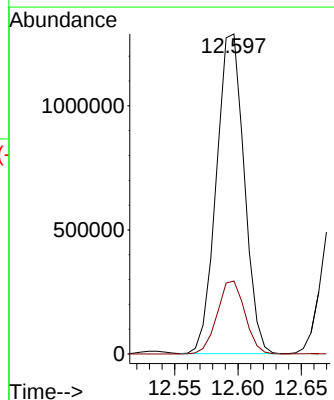
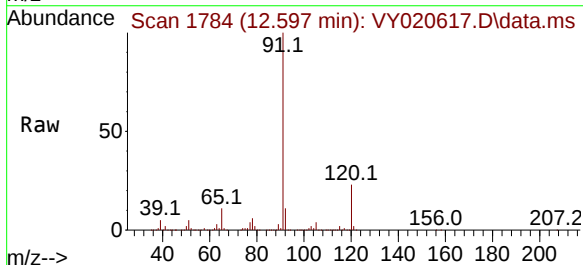
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

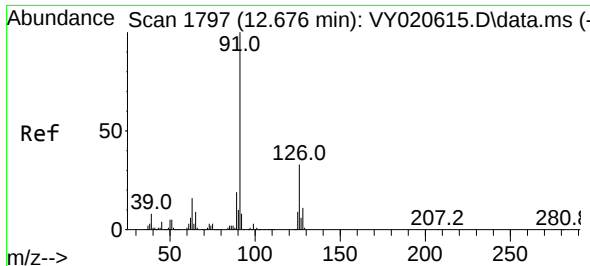
Tgt Ion:156 Resp: 357464
Ion Ratio Lower Upper
156 100
77 189.2 94.2 282.4
158 97.4 48.9 146.6



#78
n-propylbenzene
Concen: 138.026 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 91 Resp: 1971458
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.1





#79

2-Chlorotoluene

Concen: 138.298 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

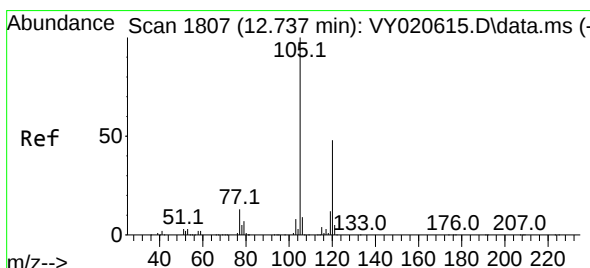
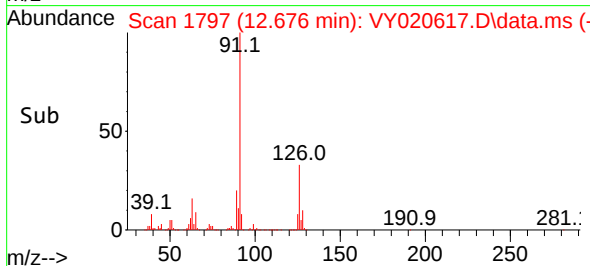
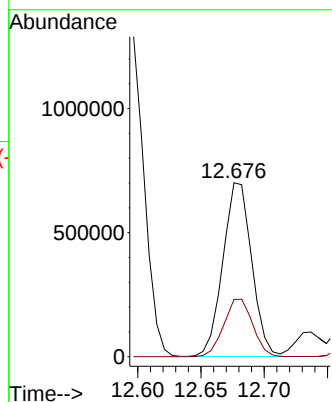
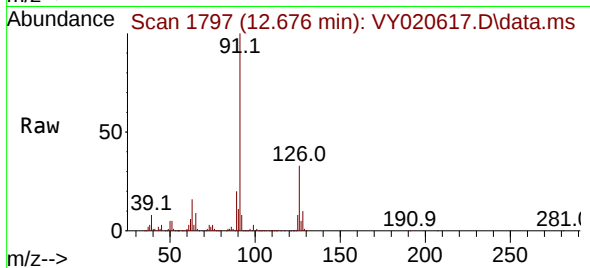
VSTDIC150

Tgt Ion: 91 Resp: 1111362

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 138.553 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020617.D

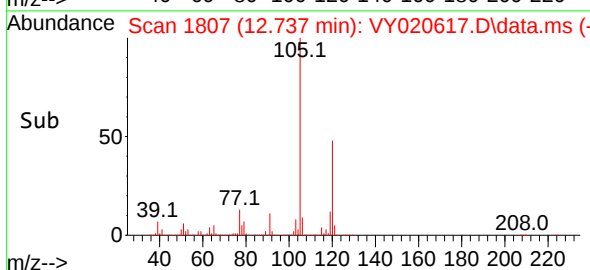
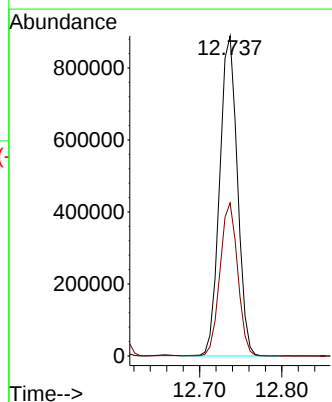
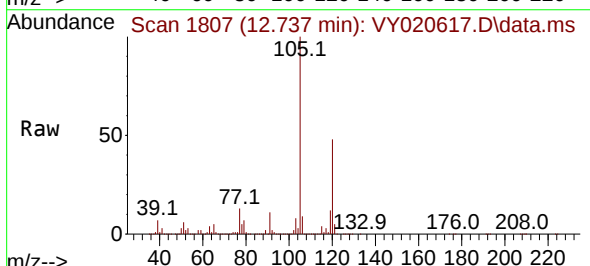
Acq: 17 Dec 2024 11:37

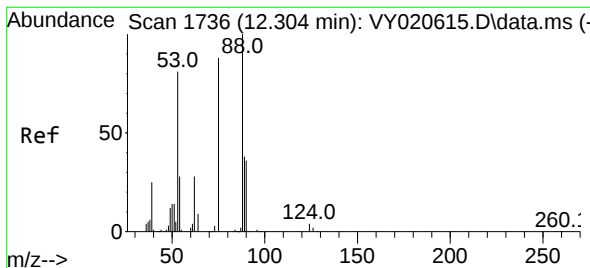
Tgt Ion:105 Resp: 1332805

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7

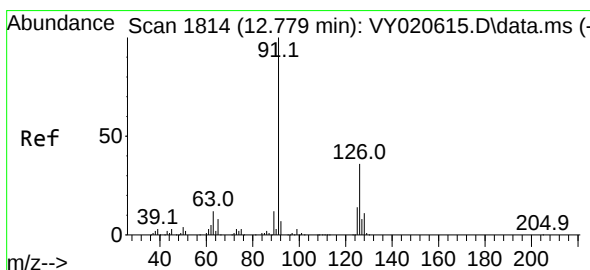
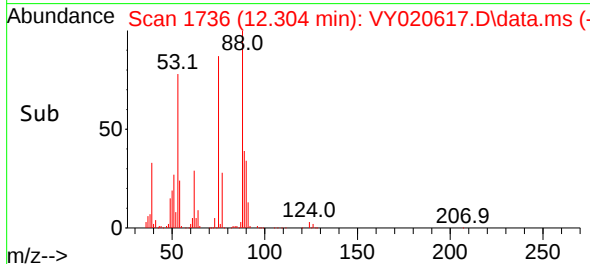
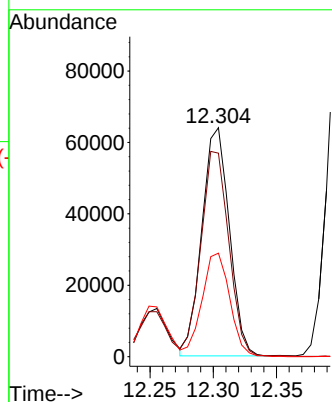
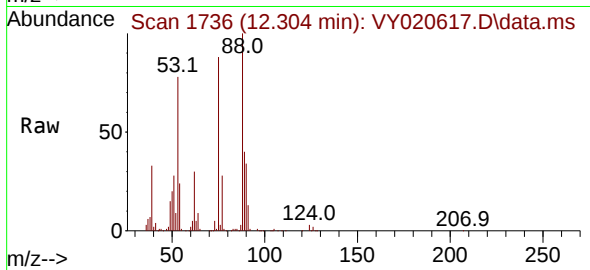




#81
trans-1,4-Dichloro-2-butene
Concen: 143.899 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

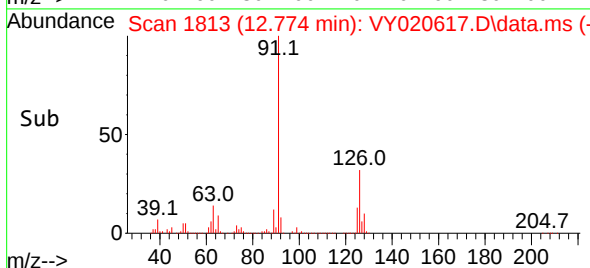
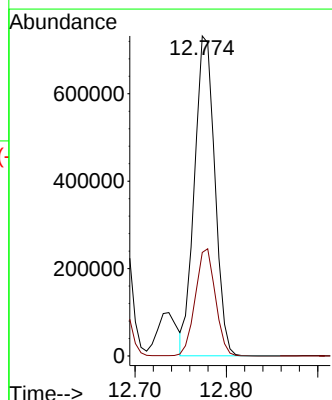
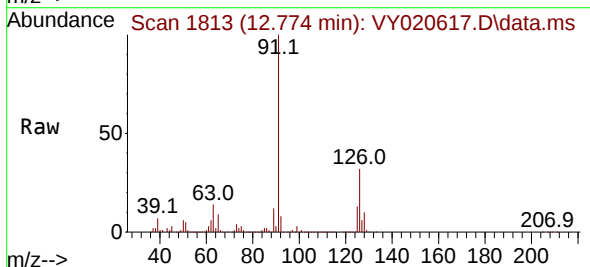
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

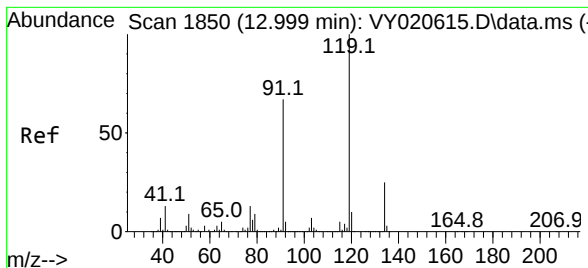
Tgt Ion: 75 Resp: 96747
Ion Ratio Lower Upper
75 100
53 91.7 75.4 113.2
89 46.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 136.190 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 91 Resp: 1135416
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

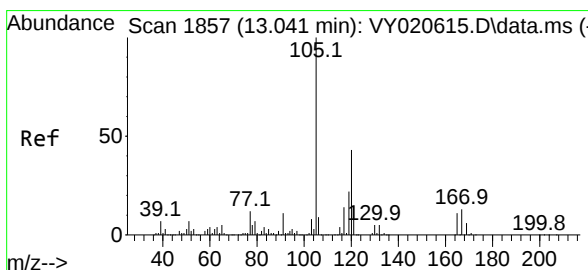
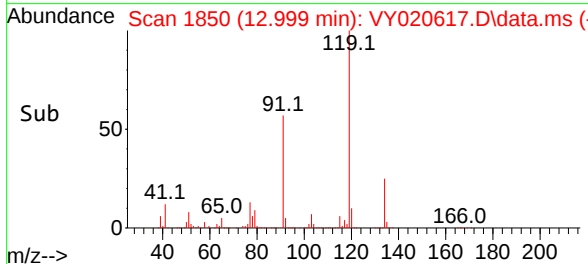
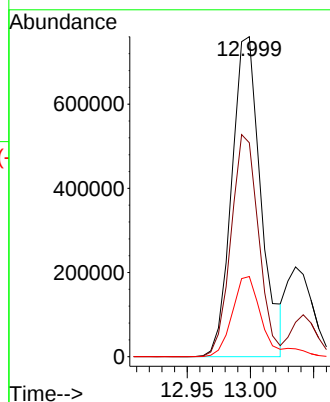
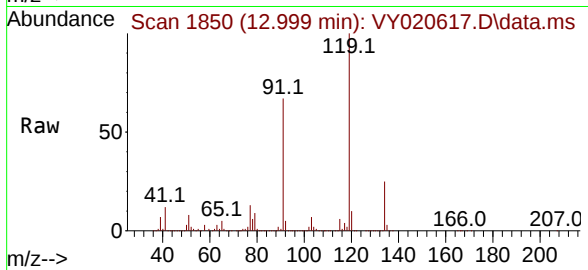




#83
tert-Butylbenzene
Concen: 139.985 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

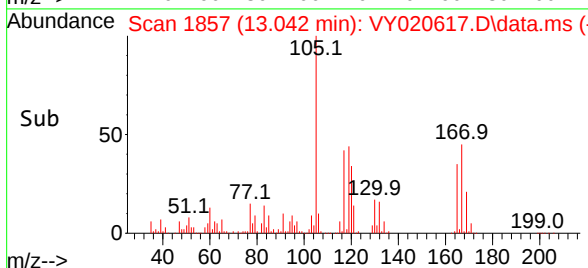
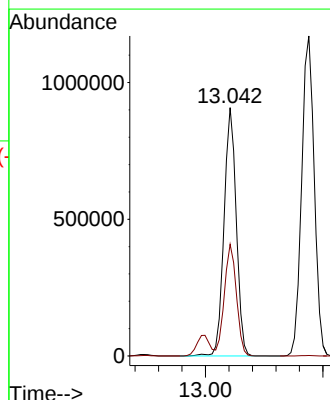
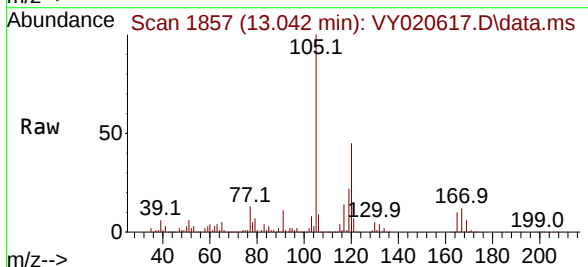
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

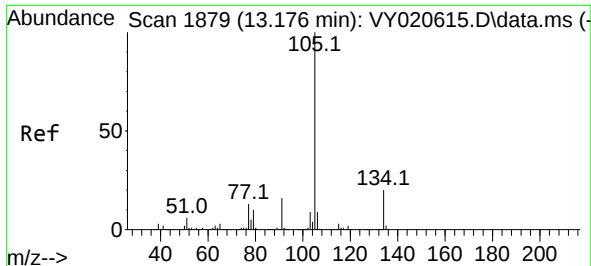
Tgt Ion:119 Resp: 1219521
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.6
134 26.0 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 139.253 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion:105 Resp: 1313945
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.4

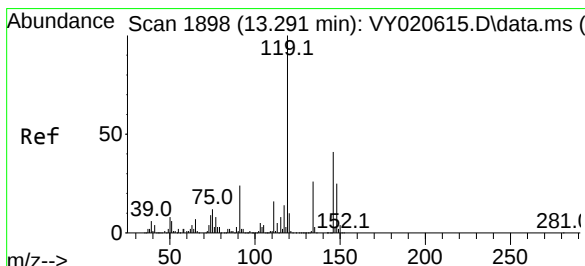
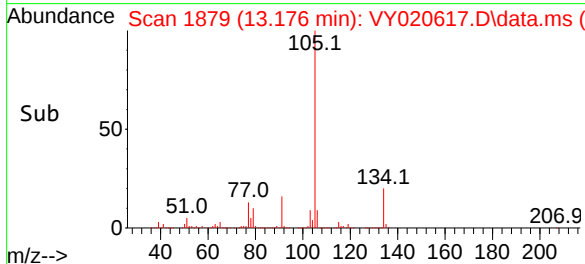
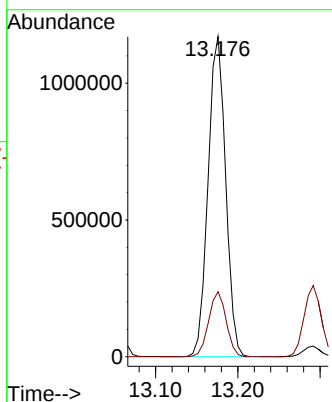
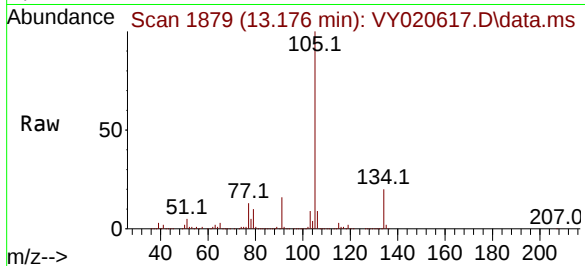




#85
 sec-Butylbenzene
 Concen: 137.147 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

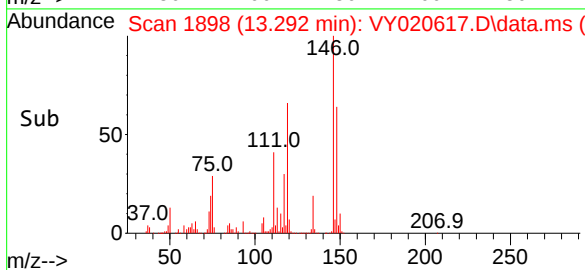
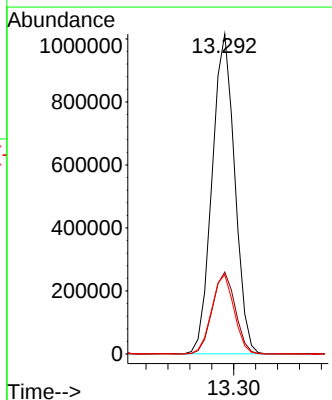
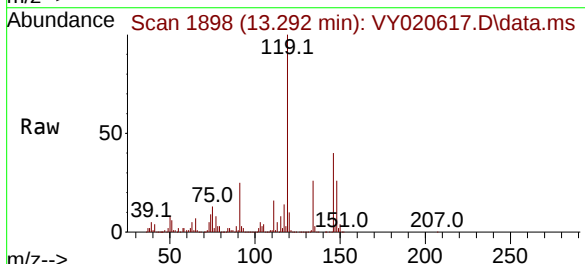
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

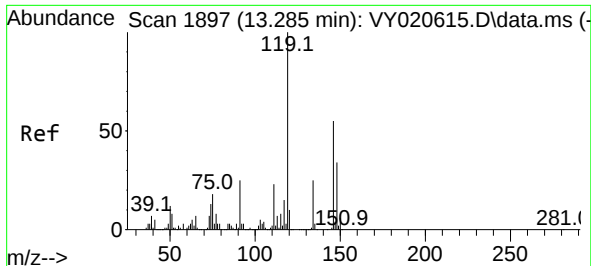
Tgt Ion:105 Resp: 1737212
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 139.472 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY020617.D
 Acq: 17 Dec 2024 11:37

Tgt Ion:119 Resp: 1456581
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 136.109 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

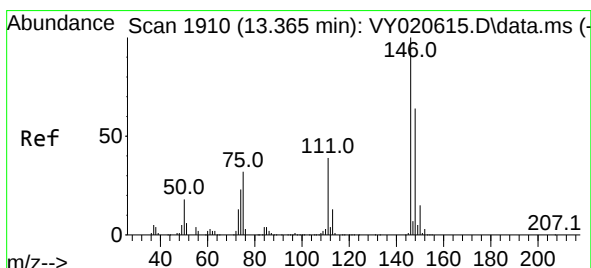
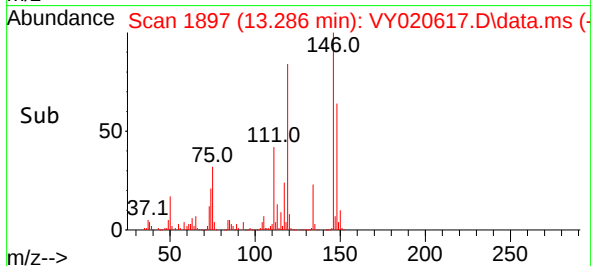
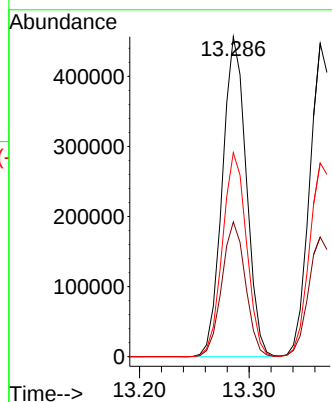
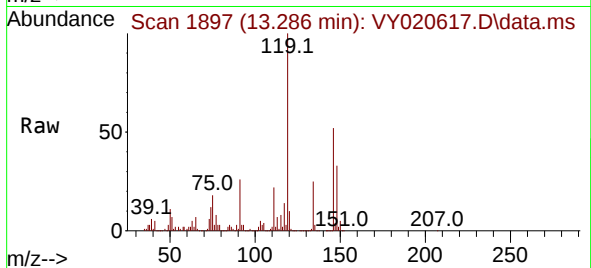
Tgt Ion:146 Resp: 693843

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.8

148 63.9 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 135.587 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

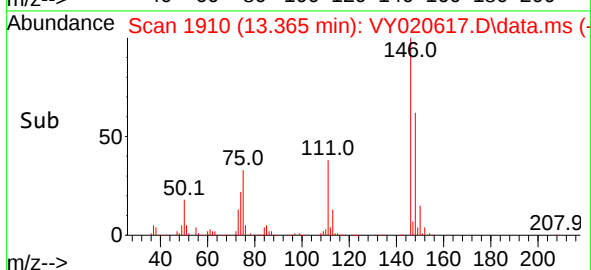
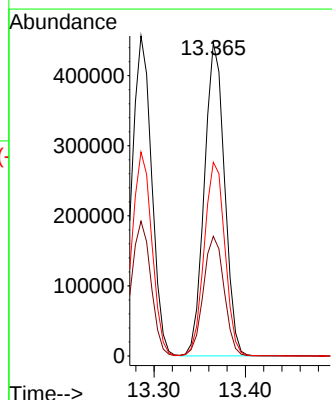
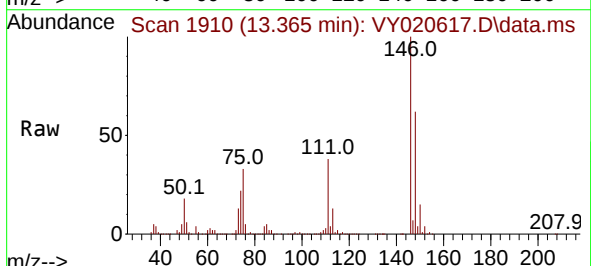
Tgt Ion:146 Resp: 684559

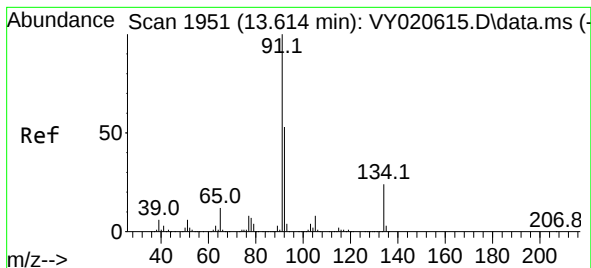
Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

148 63.5 31.9 95.5





#89

n-Butylbenzene

Concen: 139.722 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

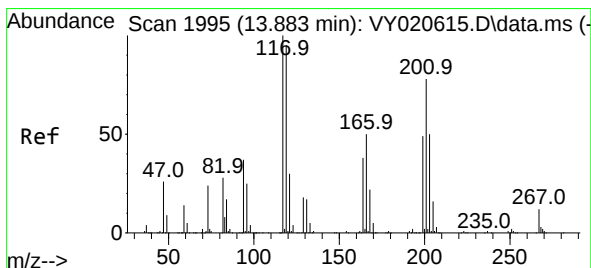
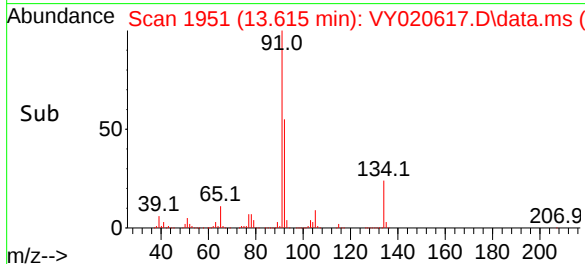
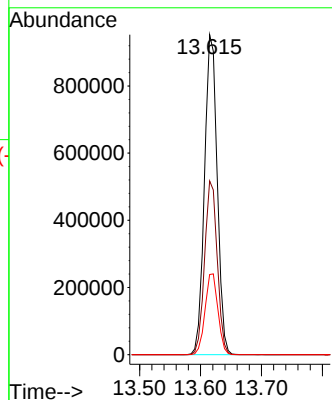
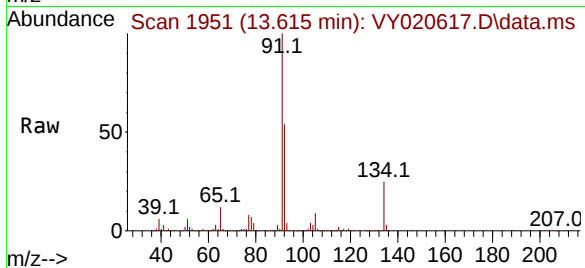
Tgt Ion: 91 Resp: 1382912

Ion Ratio Lower Upper

91 100

92 54.1 26.8 80.4

134 25.7 12.5 37.5



#90

Hexachloroethane

Concen: 141.843 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020617.D

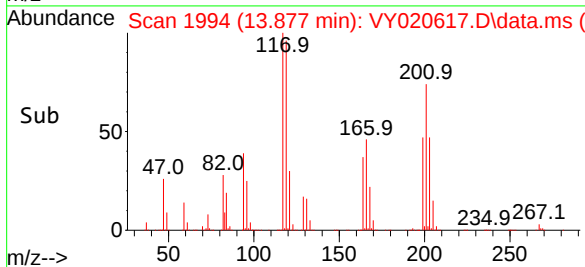
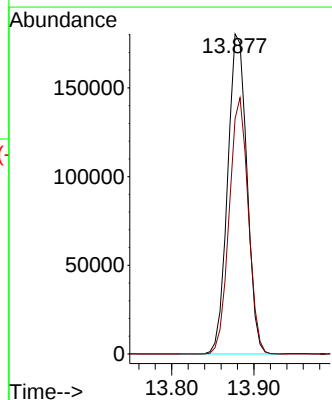
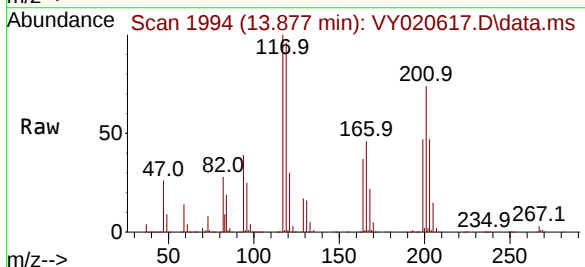
Acq: 17 Dec 2024 11:37

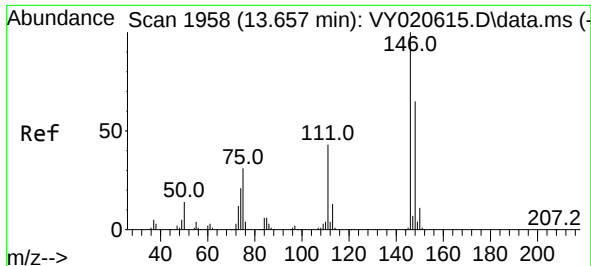
Tgt Ion: 117 Resp: 293562

Ion Ratio Lower Upper

117 100

201 79.1 39.1 117.3

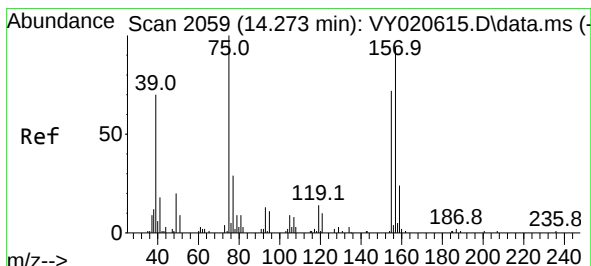
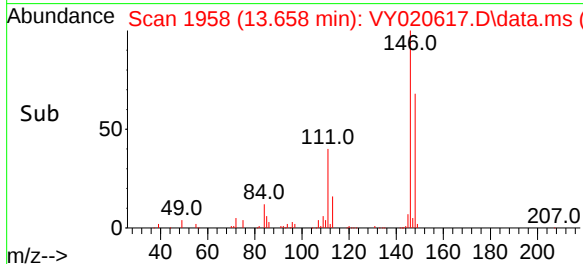
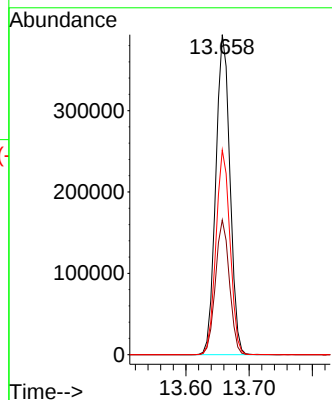
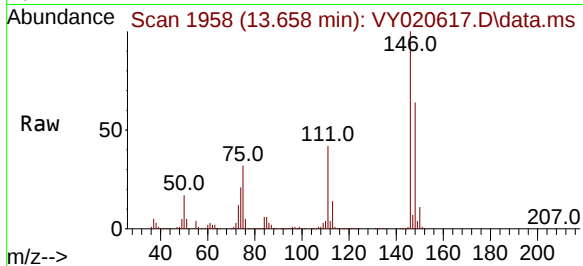




#91
1,2-Dichlorobenzene
Concen: 138.532 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

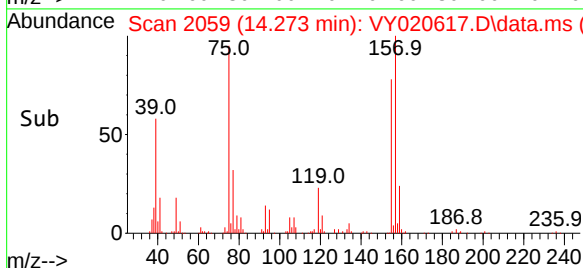
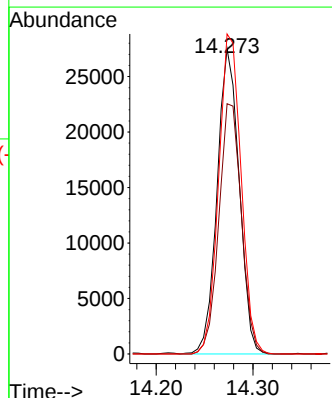
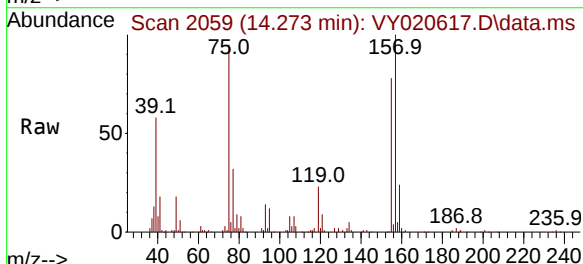
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

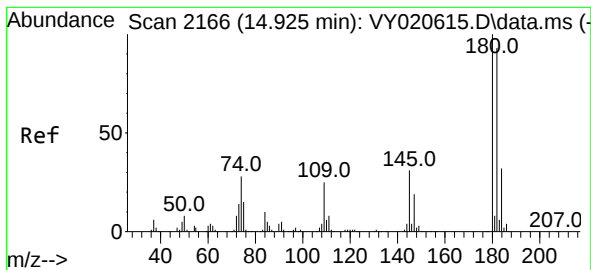
Tgt Ion:146 Resp: 611871
Ion Ratio Lower Upper
146 100
111 41.5 21.3 63.7
148 63.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 139.274 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY020617.D
Acq: 17 Dec 2024 11:37

Tgt Ion: 75 Resp: 43513
Ion Ratio Lower Upper
75 100
155 83.5 41.1 123.3
157 106.5 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 151.011 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

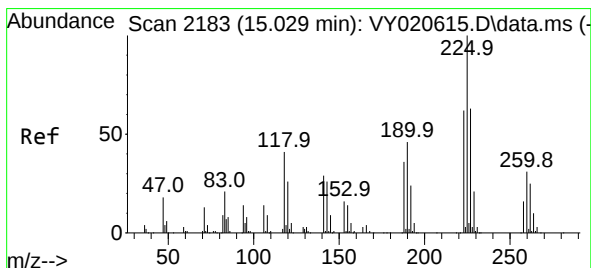
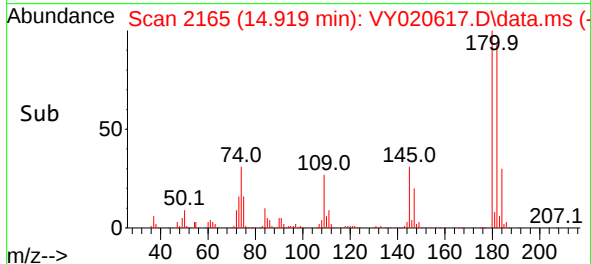
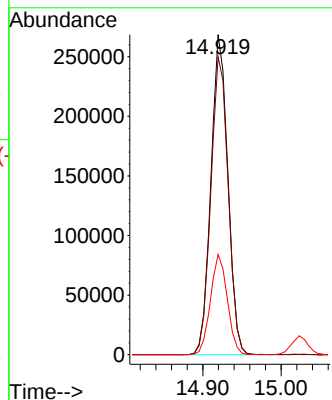
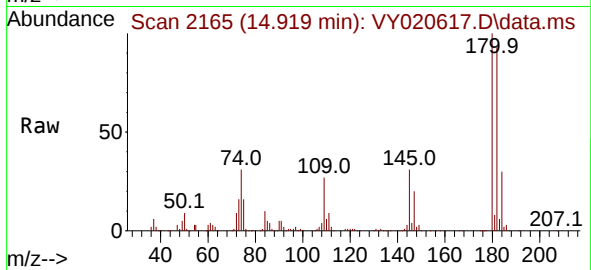
Tgt Ion:180 Resp: 403445

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 31.1 15.6 46.7



#94

Hexachlorobutadiene

Concen: 143.145 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

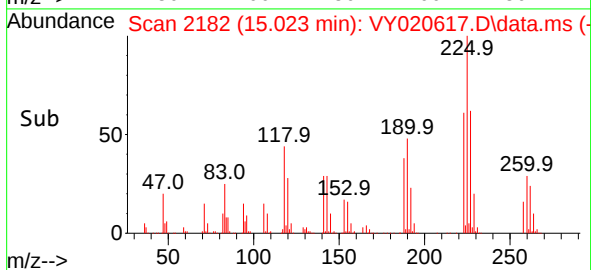
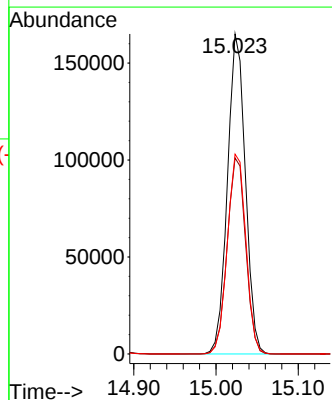
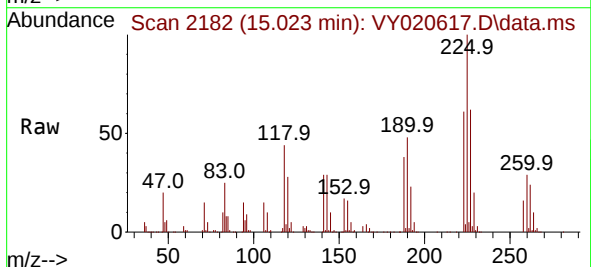
Tgt Ion:225 Resp: 250003

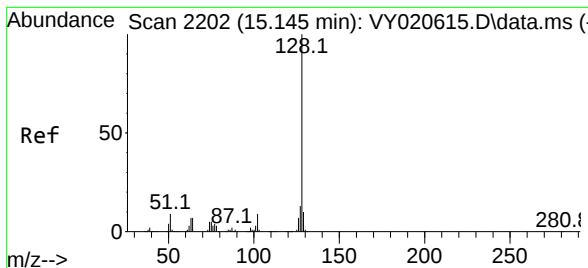
Ion Ratio Lower Upper

225 100

223 63.1 31.8 95.3

227 64.5 32.2 96.6





#95

Naphthalene

Concen: 160.836 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

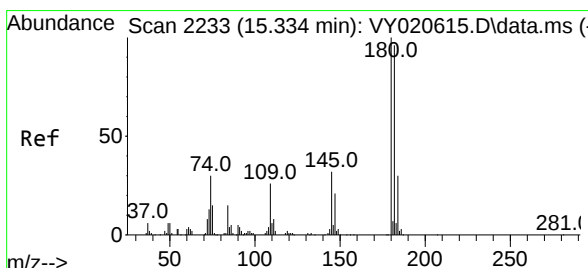
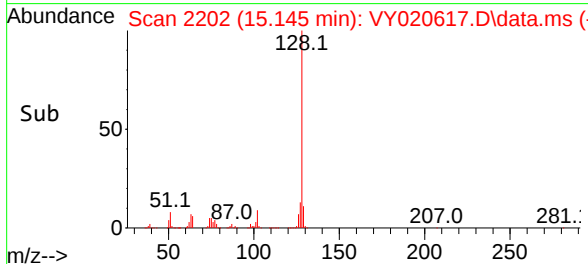
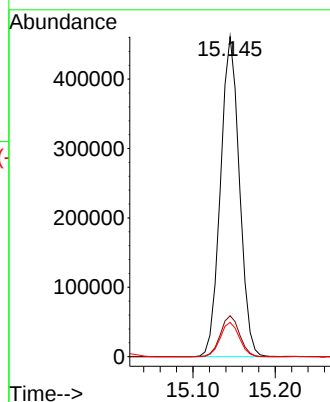
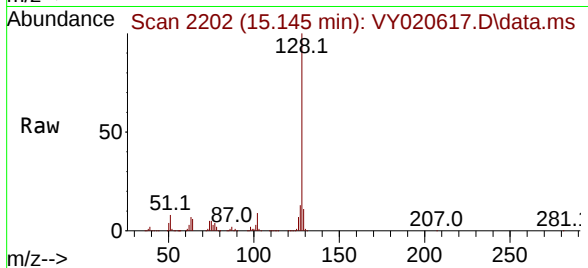
Tgt Ion:128 Resp: 736677

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 152.787 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY020617.D

Acq: 17 Dec 2024 11:37

Tgt Ion:180 Resp: 344880

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 32.5 16.0 48.0

