

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020614.D
 Acq On : 17 Dec 2024 10:23
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 18 04:51:48 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	177160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	272612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	34492	17.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.560%#
35) Dibromofluoromethane	7.634	113	35742	18.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.200%#
50) Toluene-d8	10.103	98	122846	18.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	36.540%#
62) 4-Bromofluorobenzene	12.401	95	48801	18.552	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	37.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	44875	20.280	ug/l	99
3) Chloromethane	2.068	50	35845	21.863	ug/l	98
4) Vinyl Chloride	2.202	62	33253	21.791	ug/l	100
5) Bromomethane	2.586	94	19758	20.142	ug/l	100
6) Chloroethane	2.732	64	20312	21.539	ug/l	98
7) Trichlorofluoromethane	3.055	101	67594	21.169	ug/l	98
8) Diethyl Ether	3.452	74	23380	20.878	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.817	101	46696	20.403	ug/l	100
10) Methyl Iodide	4.000	142	52895	20.758	ug/l	97
11) Tert butyl alcohol	4.866	59	25807	106.274	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	45124	20.319	ug/l	99
13) Acrolein	3.653	56	11611	126.557	ug/l	94
14) Allyl chloride	4.384	41	79257	20.368	ug/l	99
15) Acrylonitrile	5.055	53	51118	95.416	ug/l	99
16) Acetone	3.866	43	38075	94.781	ug/l	99
17) Carbon Disulfide	4.104	76	147576	20.416	ug/l	100
18) Methyl Acetate	4.384	43	24886	18.851	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	112241	19.582	ug/l	96
20) Methylene Chloride	4.616	84	48431	20.076	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	49814	19.997	ug/l	97
22) Diisopropyl ether	6.018	45	158410	20.055	ug/l	97
23) Vinyl Acetate	5.963	43	441039	98.587	ug/l	100
24) 1,1-Dichloroethane	5.915	63	92599	20.011	ug/l	99
25) 2-Butanone	6.896	43	67498	93.608	ug/l	98
26) 2,2-Dichloropropane	6.884	77	86393	19.750	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	57749	20.149	ug/l	99
28) Bromochloromethane	7.244	49	24987	16.009	ug/l	98
29) Tetrahydrofuran	7.256	42	44636	98.059	ug/l	98
30) Chloroform	7.421	83	103806	19.065	ug/l	99
31) Cyclohexane	7.701	56	88339	19.966	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	86081	20.249	ug/l	99
36) 1,1-Dichloropropene	7.835	75	69466	19.828	ug/l	99
37) Ethyl Acetate	6.982	43	31585	19.166	ug/l	99
38) Carbon Tetrachloride	7.817	117	77945	20.109	ug/l	96
39) Methylcyclohexane	9.103	83	92458	20.249	ug/l	97
40) Benzene	8.079	78	207185	20.176	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	15884	18.232	ug/l	96
42) 1,2-Dichloroethane	8.158	62	54425	19.983	ug/l	99
43) Isopropyl Acetate	8.195	43	60446	19.375	ug/l #	88
44) Trichloroethene	8.865	130	50346	19.952	ug/l	100
45) 1,2-Dichloropropane	9.140	63	49119	20.466	ug/l	99
46) Dibromomethane	9.231	93	25054	19.753	ug/l	99
47) Bromodichloromethane	9.420	83	68951	20.125	ug/l	97
48) Methyl methacrylate	9.219	41	28256	19.051	ug/l	100
49) 1,4-Dioxane	9.225	88	5399	371.167	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	157955	95.918	ug/l	99
52) Toluene	10.170	92	129196	20.245	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	62391	19.543	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	75647	19.996	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	33330	19.875	ug/l	97
56) Ethyl methacrylate	10.438	69	46055	18.930	ug/l	99
57) 1,3-Dichloropropane	10.713	76	59274	19.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	96023	93.804	ug/l	100
59) 2-Hexanone	10.755	43	99623	94.224	ug/l	100
60) Dibromochloromethane	10.908	129	43825	19.541	ug/l	98
61) 1,2-Dibromoethane	11.011	107	30621	19.630	ug/l	100
64) Tetrachloroethene	10.646	164	44735	19.716	ug/l	98
65) Chlorobenzene	11.438	112	134807	19.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	45146	19.574	ug/l	98
67) Ethyl Benzene	11.517	91	249208	20.027	ug/l	100
68) m/p-Xylenes	11.627	106	183488	39.659	ug/l	98
69) o-Xylene	11.950	106	86043	19.932	ug/l	98
70) Styrene	11.968	104	144333	20.012	ug/l	99
71) Bromoform	12.133	173	24718	19.062	ug/l #	99
73) Isopropylbenzene	12.255	105	234727	20.404	ug/l	100
74) N-amyl acetate	12.066	43	52699	19.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	36998	19.813	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	50299	37.046	ug/l #	100
77) Bromobenzene	12.529	156	50276	20.063	ug/l	99
78) n-propylbenzene	12.596	91	284604	20.534	ug/l	100
79) 2-Chlorotoluene	12.676	91	158834	20.369	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	190968	20.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13039	19.986	ug/l	98
82) 4-Chlorotoluene	12.773	91	164692	20.358	ug/l	99
83) tert-Butylbenzene	12.999	119	173358	20.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	186344	20.352	ug/l	99
85) sec-Butylbenzene	13.176	105	251880	20.492	ug/l	100
86) p-Isopropyltoluene	13.291	119	208342	20.558	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	100815	20.380	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	97668	19.935	ug/l	99
89) n-Butylbenzene	13.615	91	196997	20.511	ug/l	99
90) Hexachloroethane	13.877	117	40281	20.057	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	85128	19.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5627	18.561	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	48869	18.850	ug/l	99
94) Hexachlorobutadiene	15.023	225	33524	19.781	ug/l	99
95) Naphthalene	15.145	128	80562	18.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41686	19.031	ug/l	99

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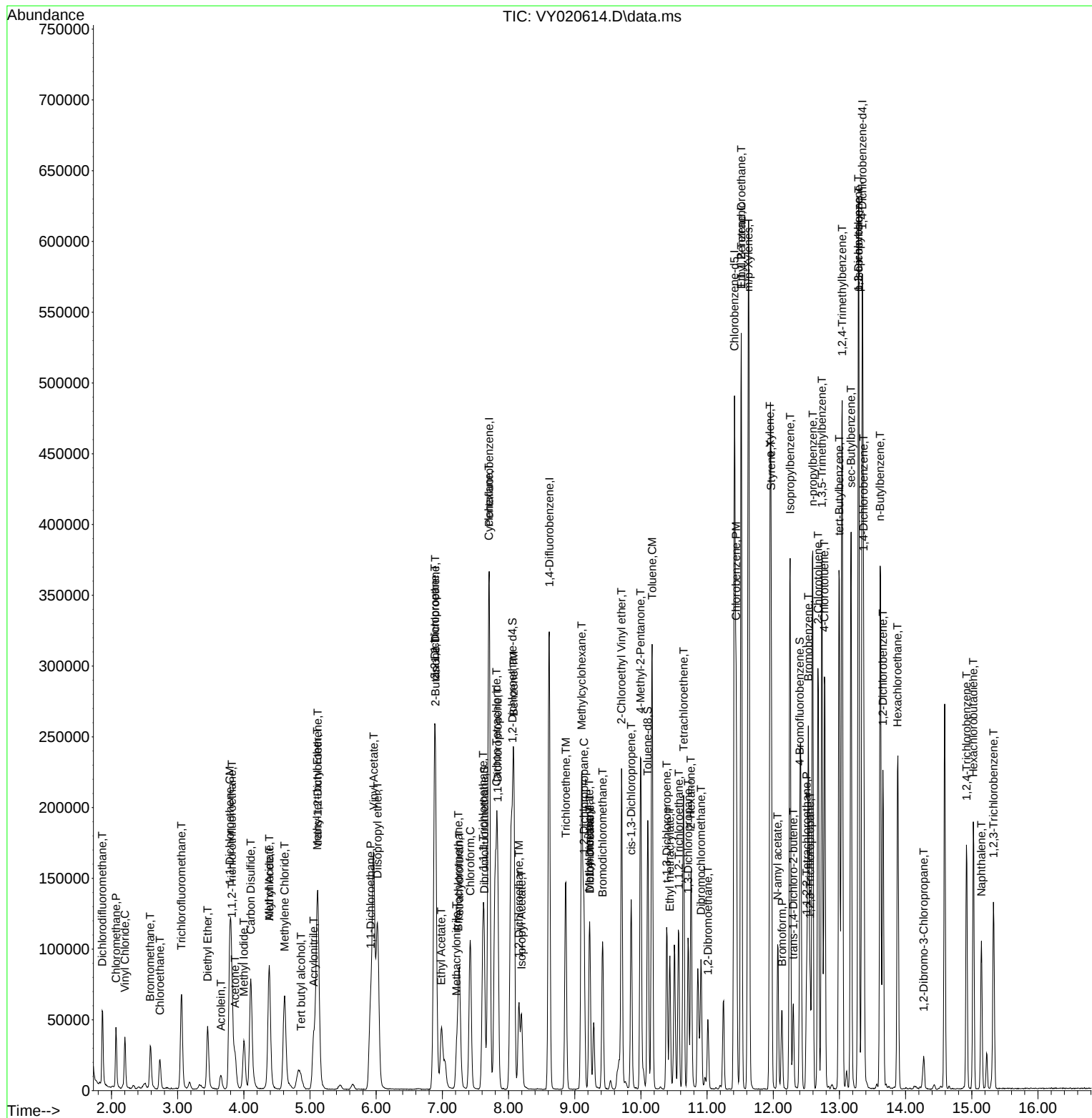
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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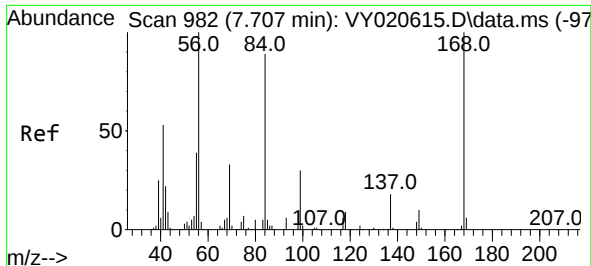
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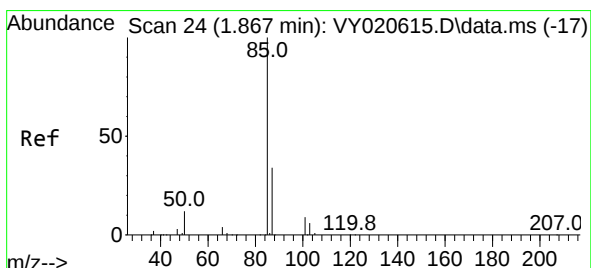
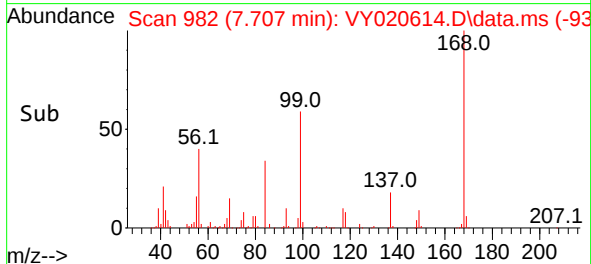
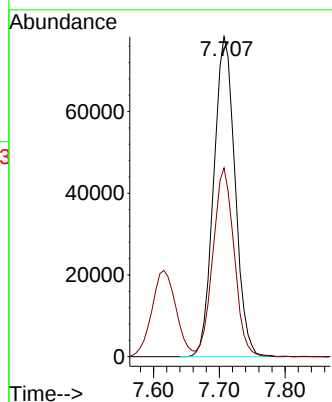
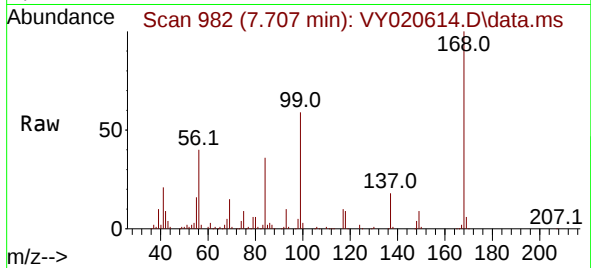




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020614.D
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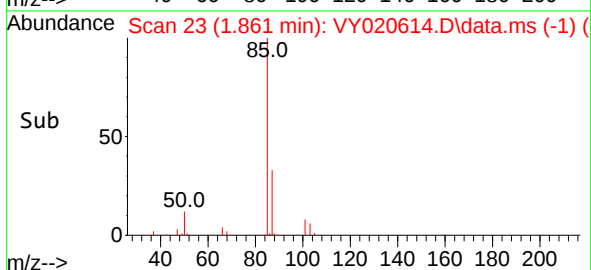
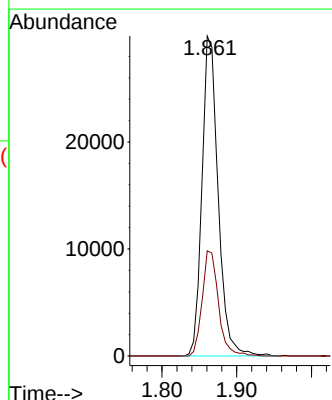
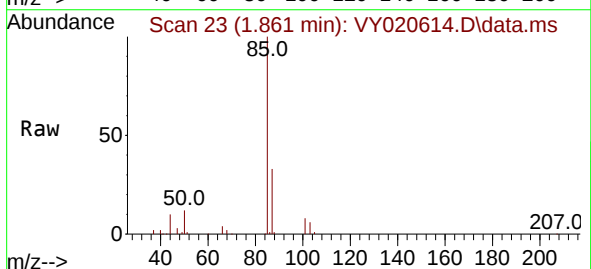
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

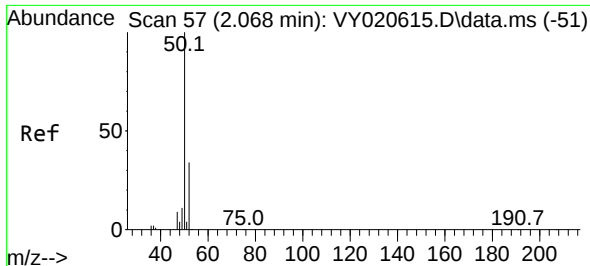
Tgt Ion:168 Resp: 177160
Ion Ratio Lower Upper
168 100
99 59.0 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 20.280 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 85 Resp: 44875
Ion Ratio Lower Upper
85 100
87 32.8 16.8 50.3

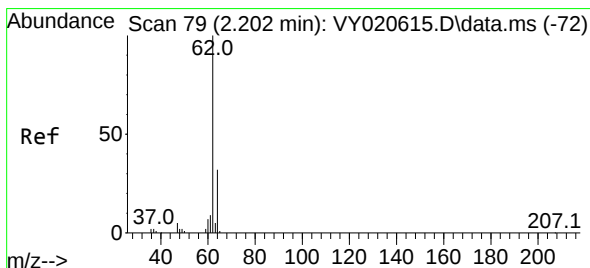
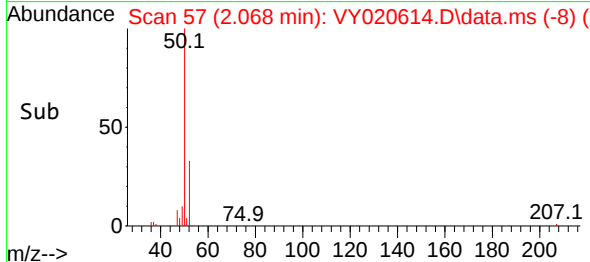
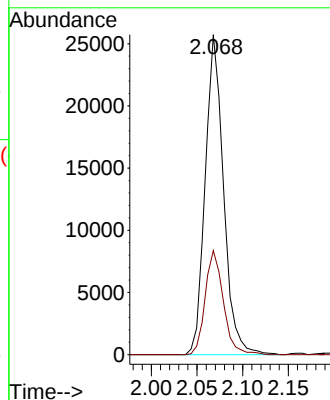
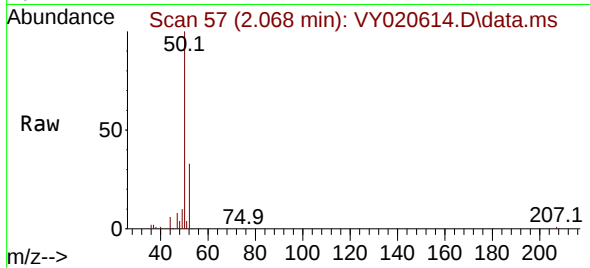




#3
Chloromethane
Concen: 21.863 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

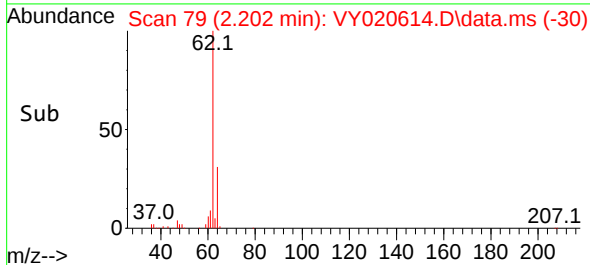
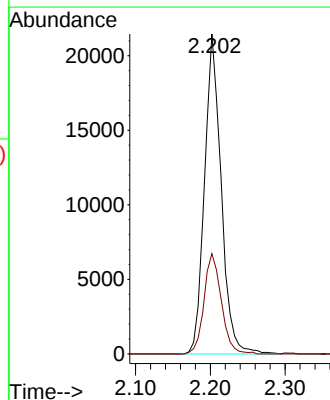
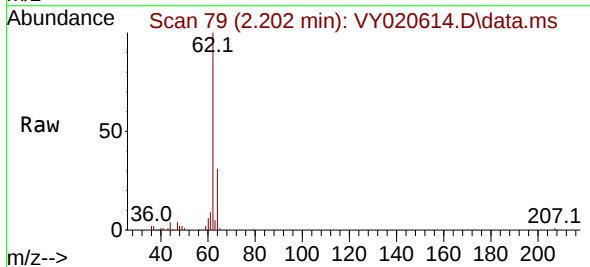
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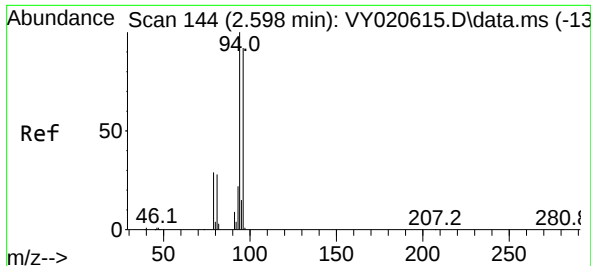
Tgt Ion: 50 Resp: 35845
Ion Ratio Lower Upper
50 100
52 32.5 26.8 40.2



#4
Vinyl Chloride
Concen: 21.791 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 62 Resp: 33253
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9

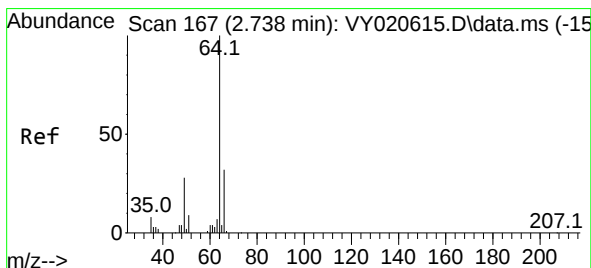
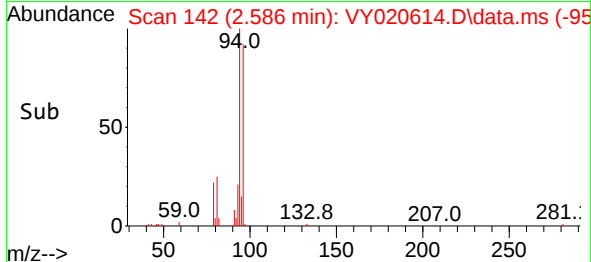
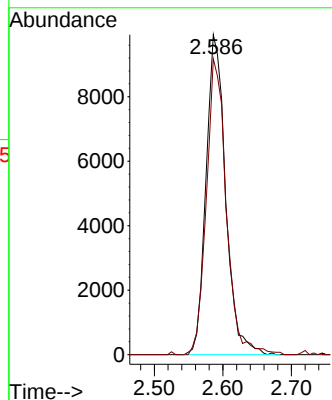
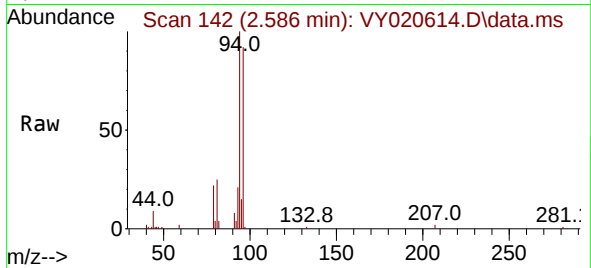




#5
Bromomethane
Concen: 20.142 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY020614.D
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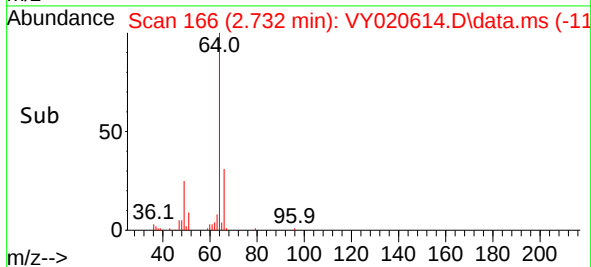
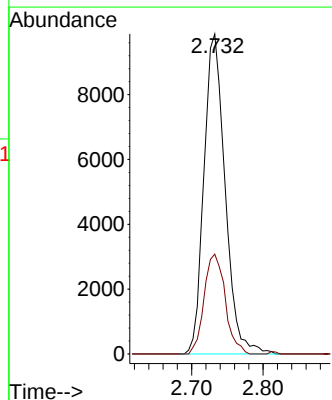
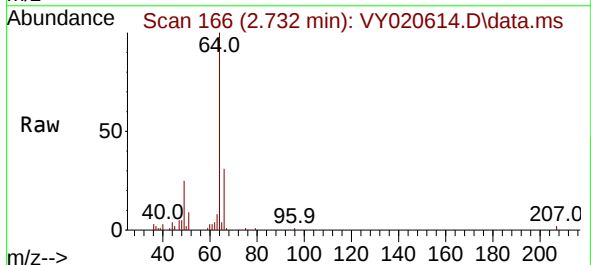
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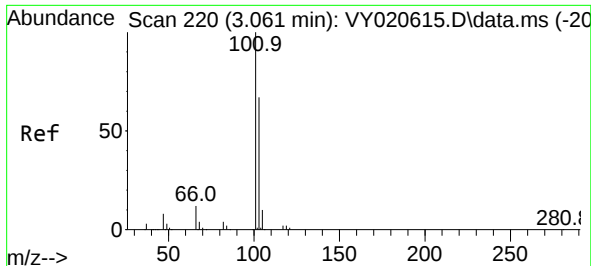
Tgt Ion: 94 Resp: 19758
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.6



#6
Chloroethane
Concen: 21.539 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020614.D
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Tgt Ion: 64 Resp: 20312
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.6

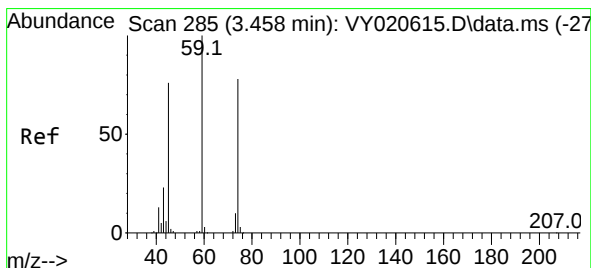
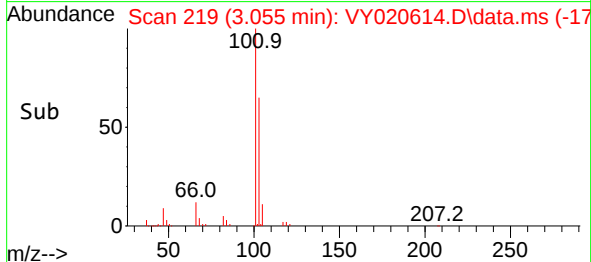
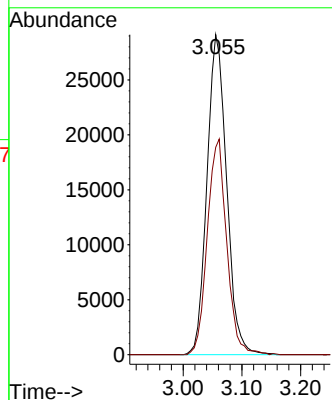
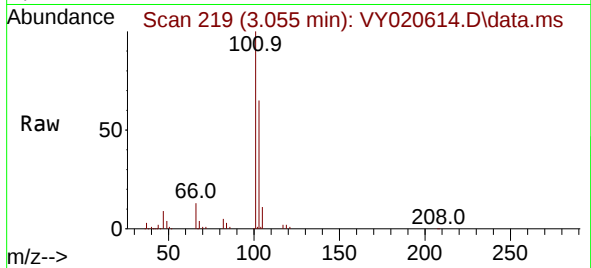




#7
Trichlorofluoromethane
Concen: 21.169 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

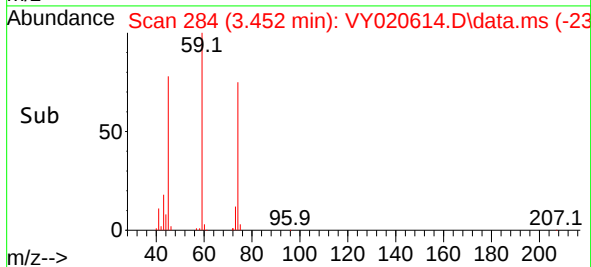
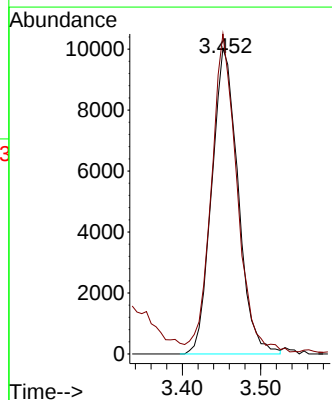
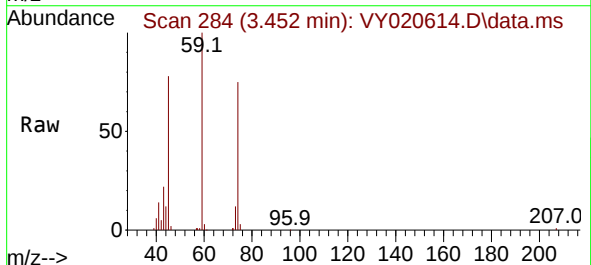
Instrument :
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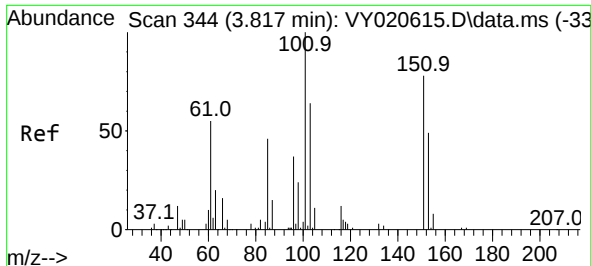
Tgt Ion:101 Resp: 67594
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.0



#8
Diethyl Ether
Concen: 20.878 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 74 Resp: 23380
Ion Ratio Lower Upper
74 100
45 101.5 49.0 147.2

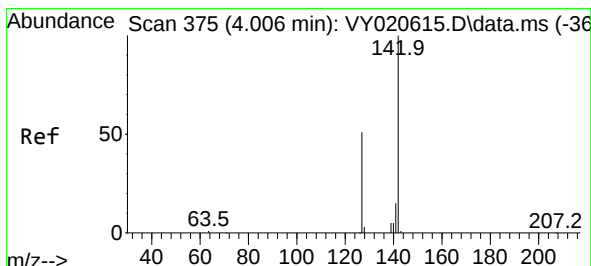
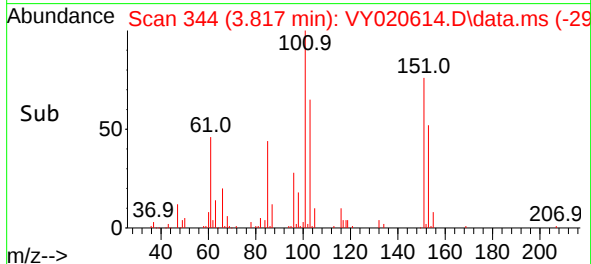
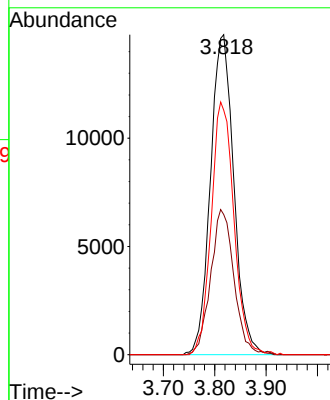
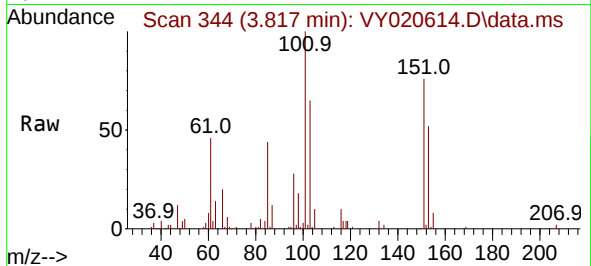




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.403 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

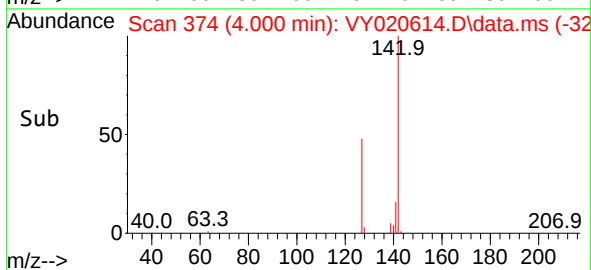
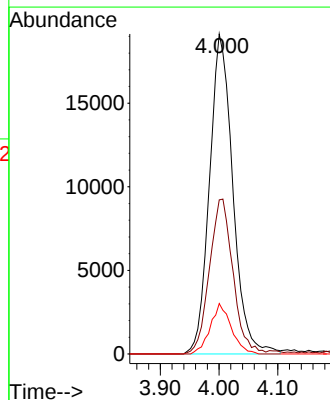
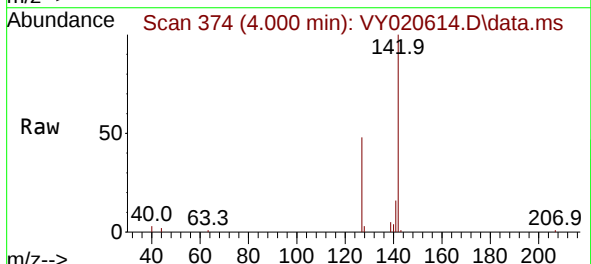
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

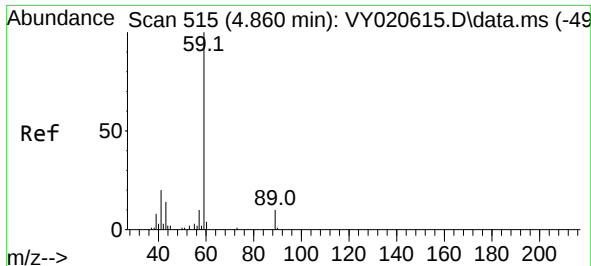
Tgt Ion:101 Resp: 46696
Ion Ratio Lower Upper
101 100
85 45.1 36.6 54.8
151 76.9 61.5 92.3



#10
Methyl Iodide
Concen: 20.758 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion:142 Resp: 52895
Ion Ratio Lower Upper
142 100
127 48.7 40.6 61.0
141 14.2 11.7 17.5

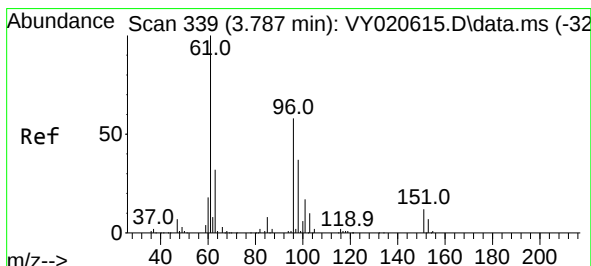
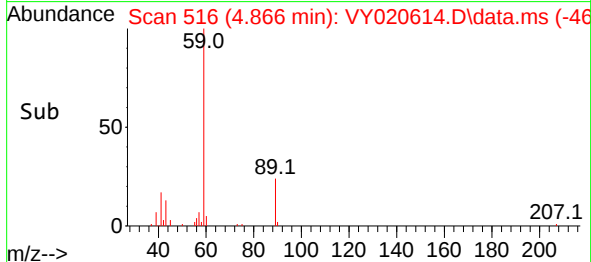
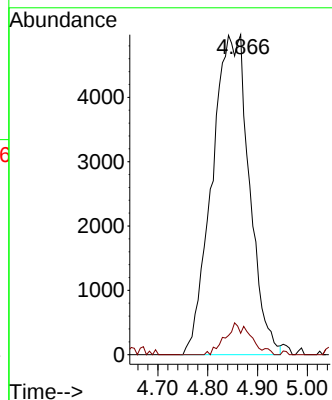
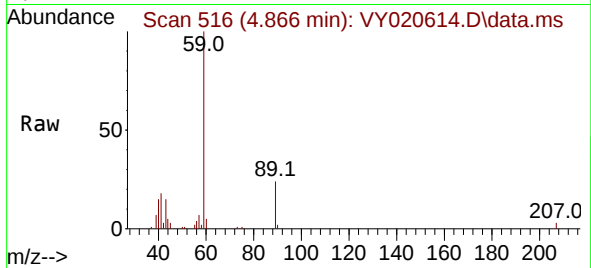




#11
Tert butyl alcohol
Concen: 106.274 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

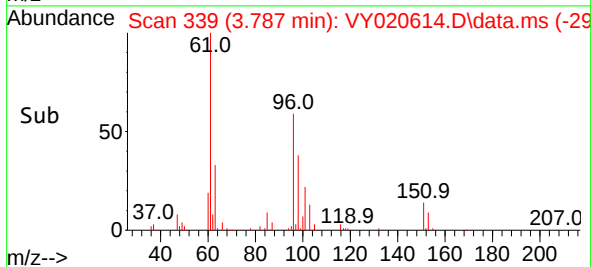
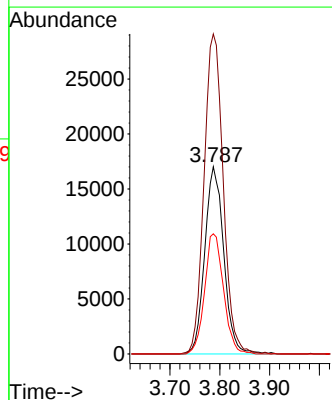
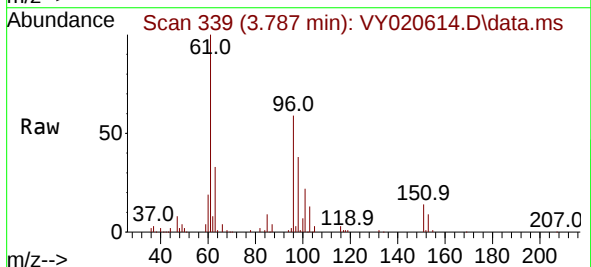
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

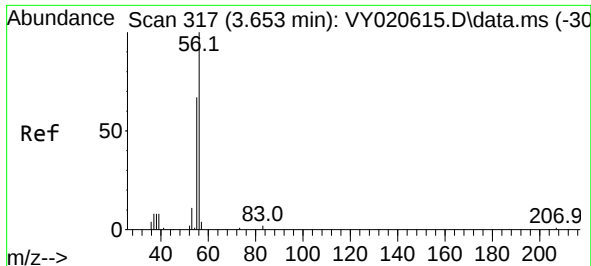
Tgt Ion: 59 Resp: 25807
Ion Ratio Lower Upper
59 100
57 6.5 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.319 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 96 Resp: 45124
Ion Ratio Lower Upper
96 100
61 170.9 136.9 205.3
98 64.1 50.2 75.4





#13

Acrolein

Concen: 126.557 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

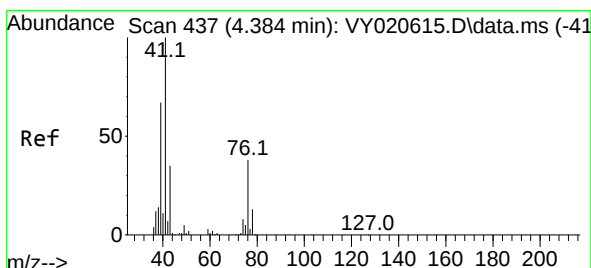
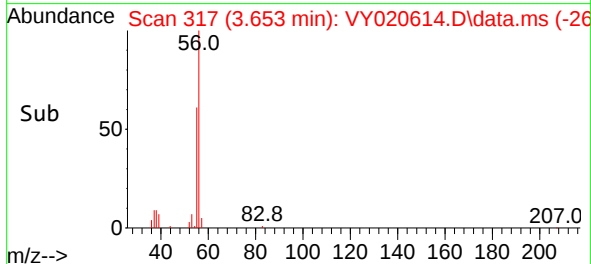
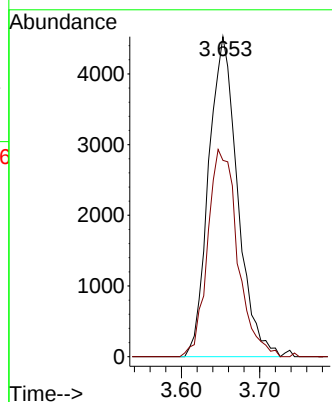
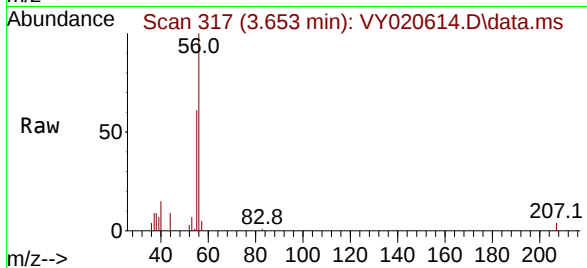
VSTDICC020

Tgt Ion: 56 Resp: 11611

Ion Ratio Lower Upper

56 100

55 67.2 57.5 86.3



#14

Allyl chloride

Concen: 20.368 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

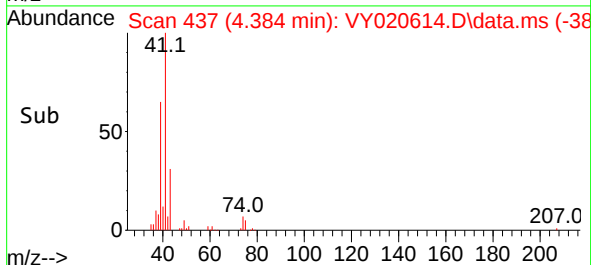
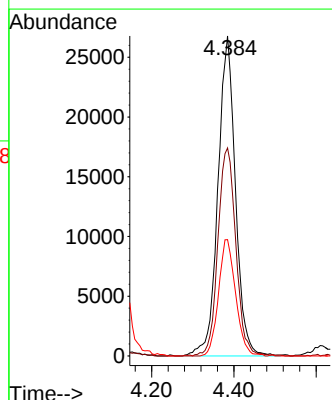
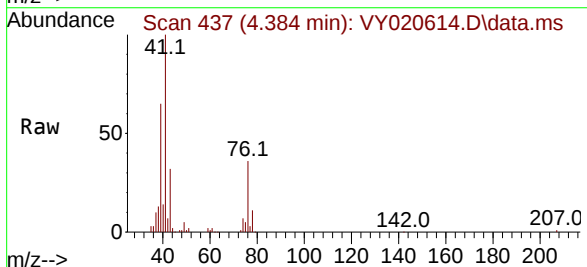
Tgt Ion: 41 Resp: 79257

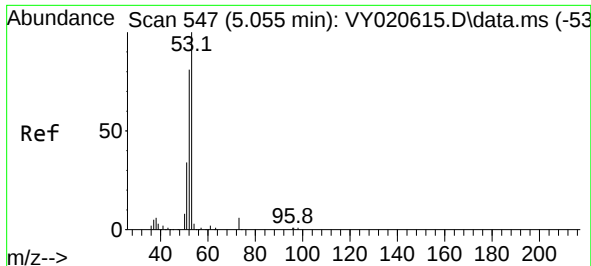
Ion Ratio Lower Upper

41 100

39 66.5 53.0 79.4

76 35.6 29.5 44.3





#15

Acrylonitrile

Concen: 95.416 ug/l

RT: 5.055 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

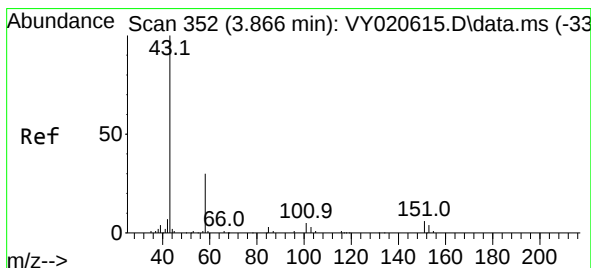
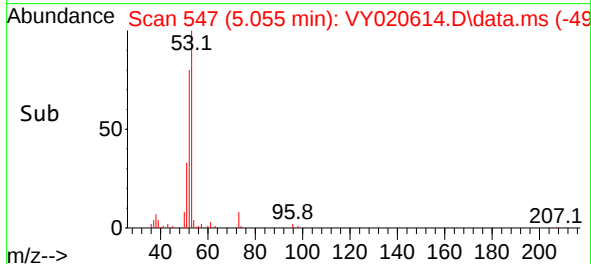
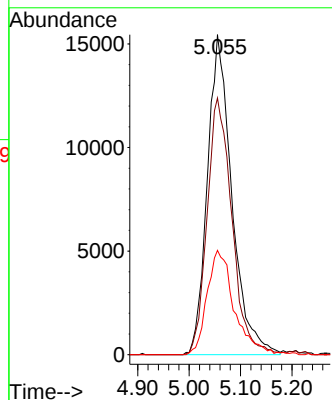
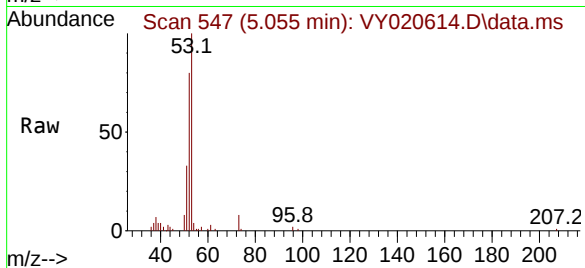
Tgt Ion: 53 Resp: 51118

Ion Ratio Lower Upper

53 100

52 81.2 64.5 96.7

51 36.1 29.4 44.0



#16

Acetone

Concen: 94.781 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.000 min

Lab File: VY020614.D

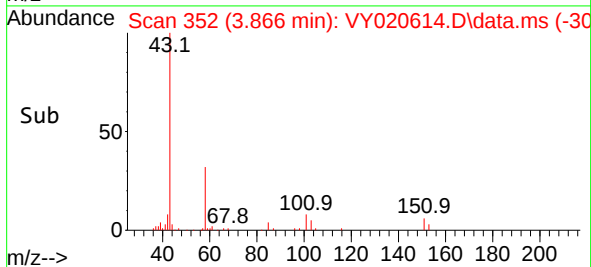
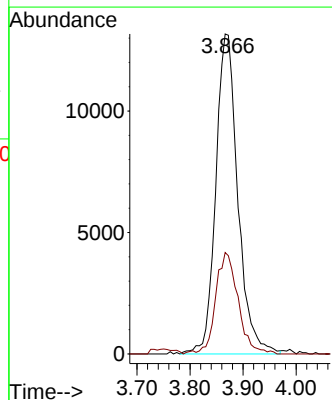
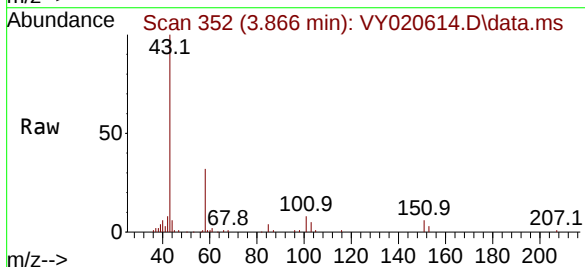
Acq: 17 Dec 2024 10:23

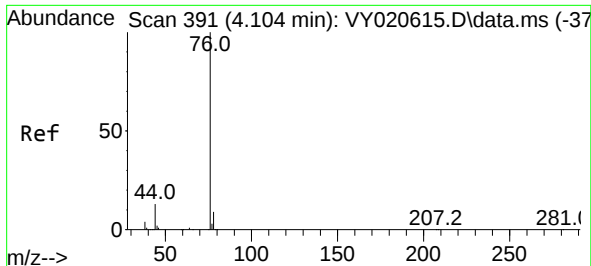
Tgt Ion: 43 Resp: 38075

Ion Ratio Lower Upper

43 100

58 31.7 25.0 37.6

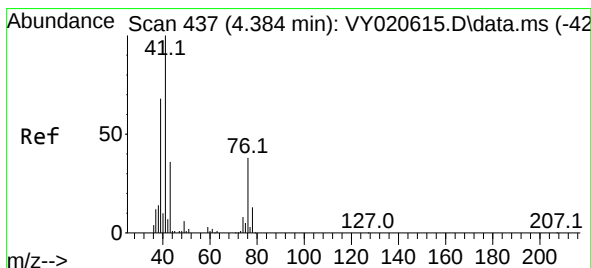
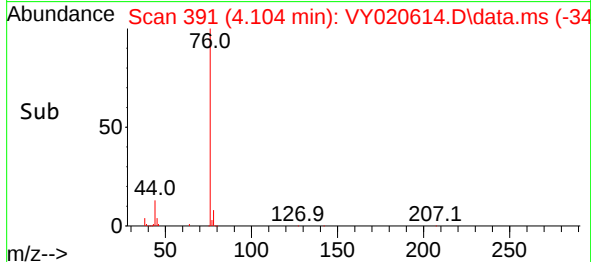
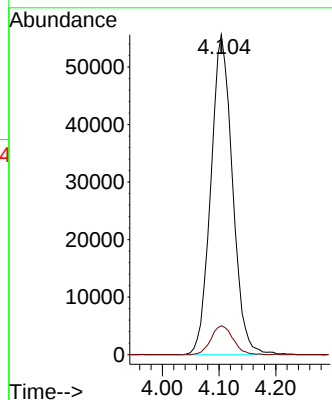
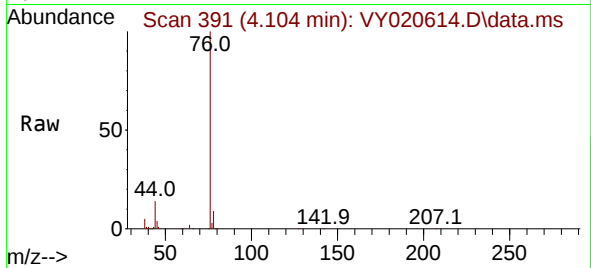




#17
Carbon Disulfide
Concen: 20.416 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

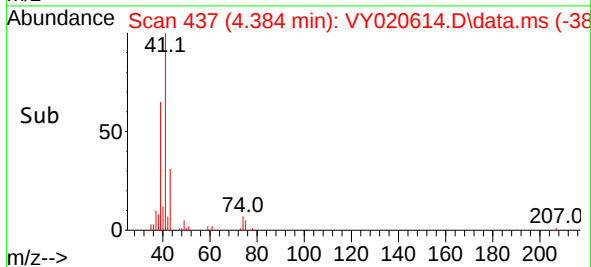
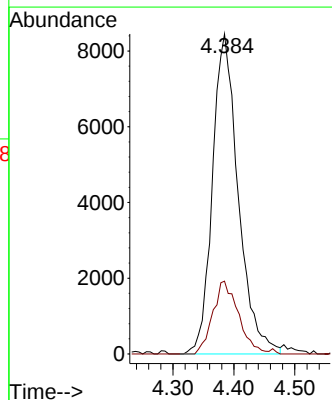
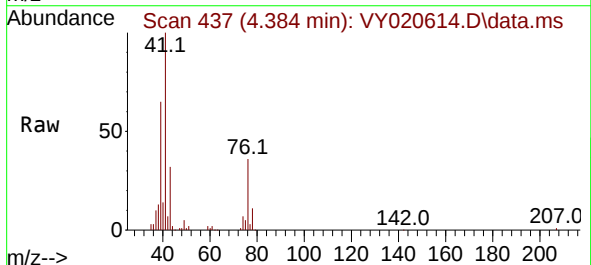
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

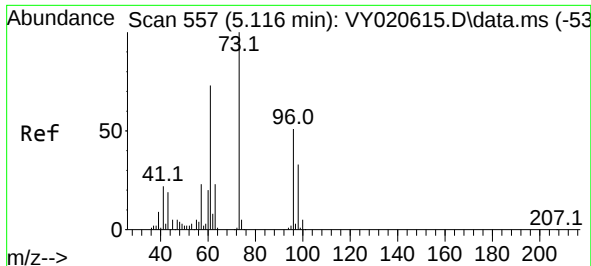
Tgt Ion: 76 Resp: 147576
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 18.851 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 43 Resp: 24886
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 19.582 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

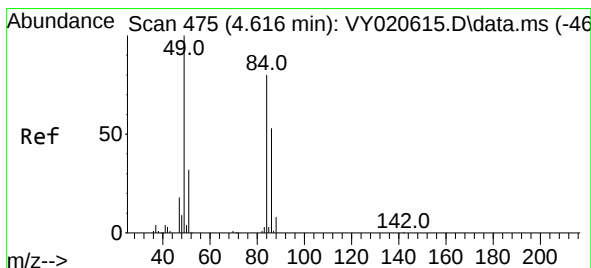
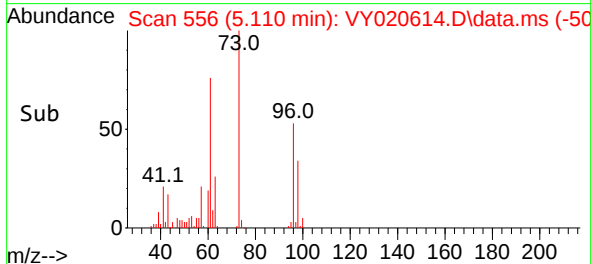
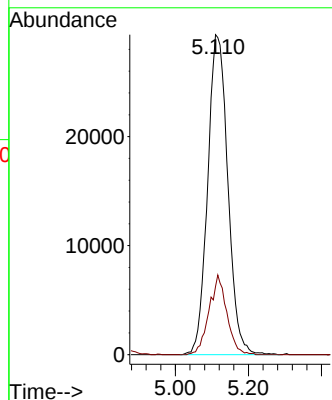
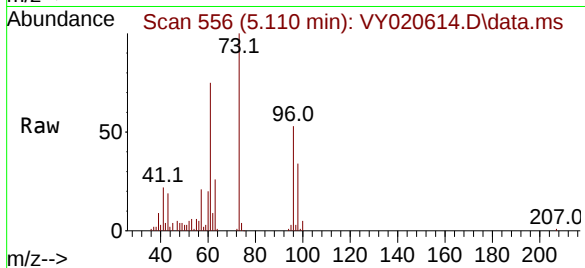
VSTDICC020

Tgt Ion: 73 Resp: 112241

Ion Ratio Lower Upper

73 100

57 21.4 18.5 27.7



#20

Methylene Chloride

Concen: 20.076 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Tgt Ion: 84 Resp: 48431

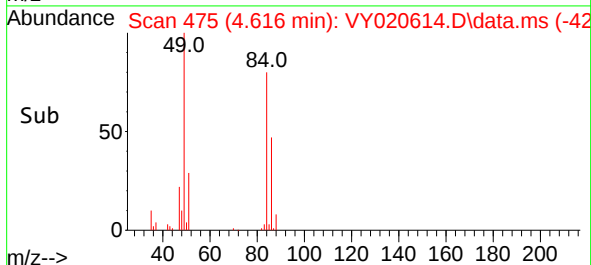
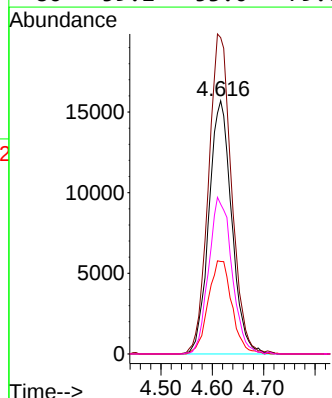
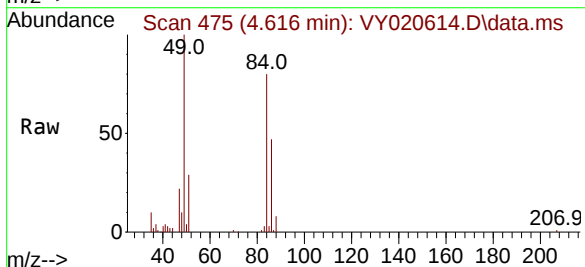
Ion Ratio Lower Upper

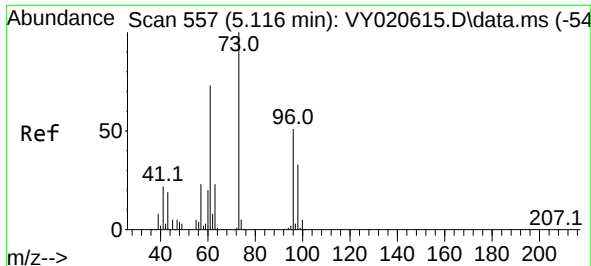
84 100

49 125.0 100.7 151.1

51 36.5 32.2 48.2

86 59.2 53.0 79.6

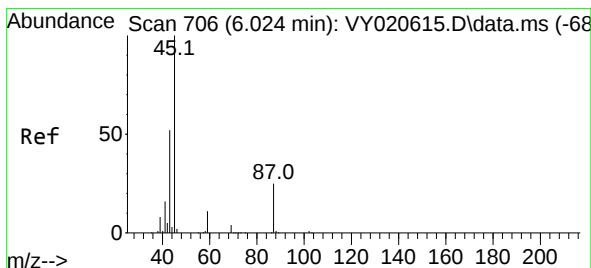
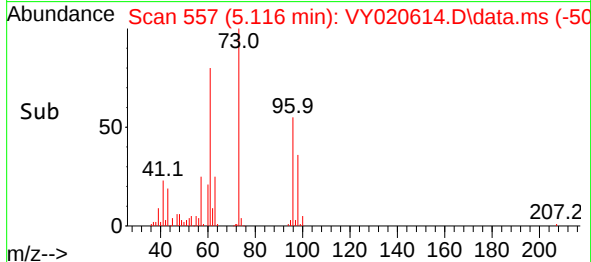
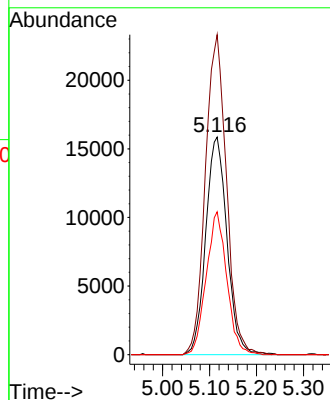
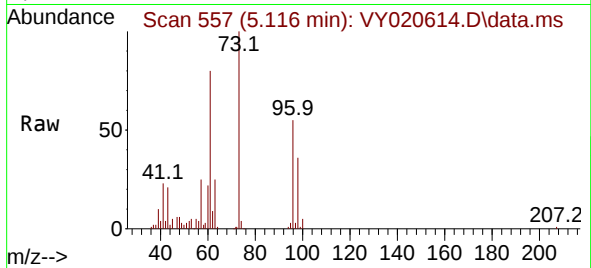




#21
trans-1,2-Dichloroethene
Concen: 19.997 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

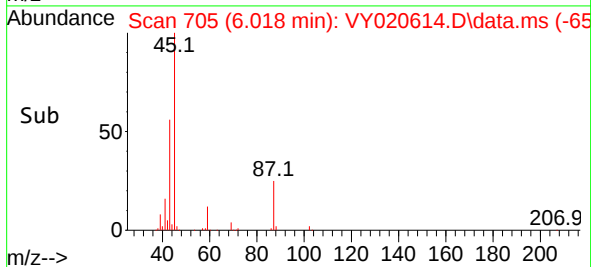
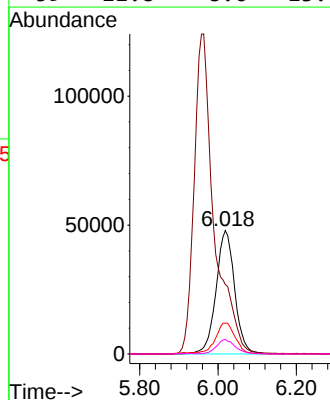
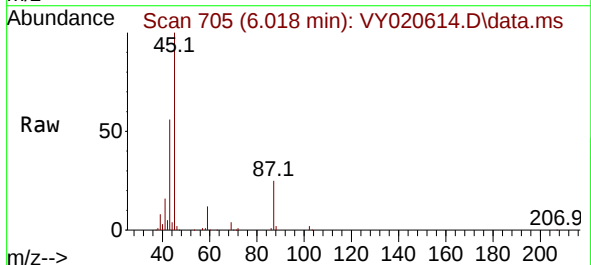
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

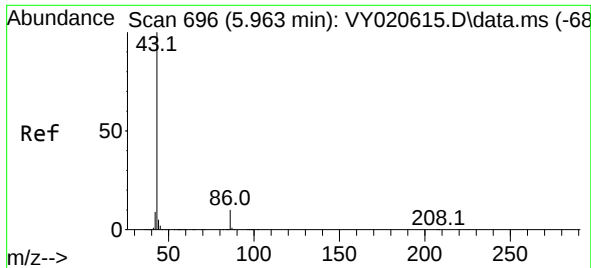
Tgt Ion: 96 Resp: 49814
Ion Ratio Lower Upper
96 100
61 147.0 113.7 170.5
98 65.6 51.7 77.5



#22
Diisopropyl ether
Concen: 20.055 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 45 Resp: 158410
Ion Ratio Lower Upper
45 100
43 55.9 42.6 64.0
87 25.1 20.6 31.0
59 11.8 8.6 13.0

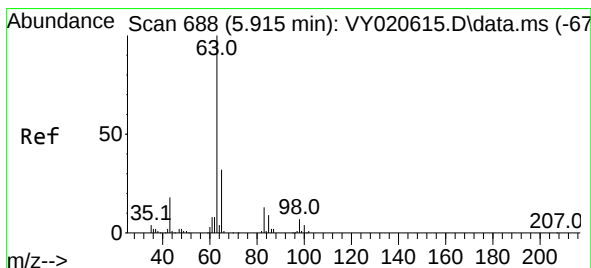
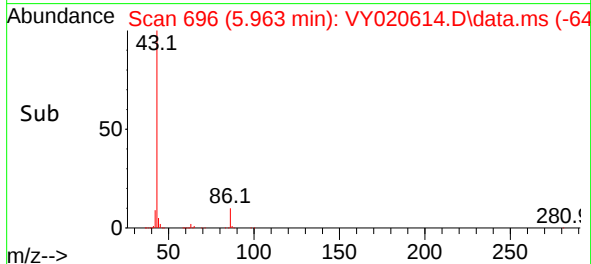
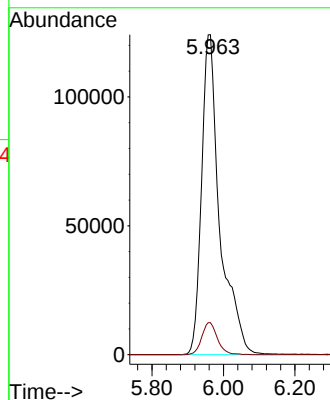
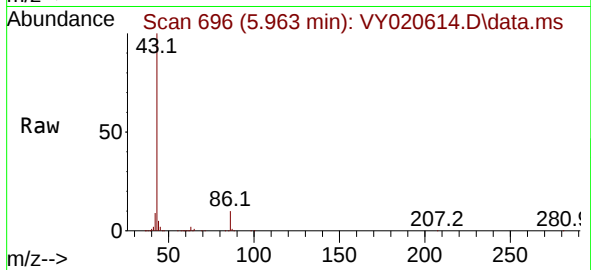




#23
 Vinyl Acetate
 Concen: 98.587 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020614.D
 Acq: 17 Dec 2024 10:23

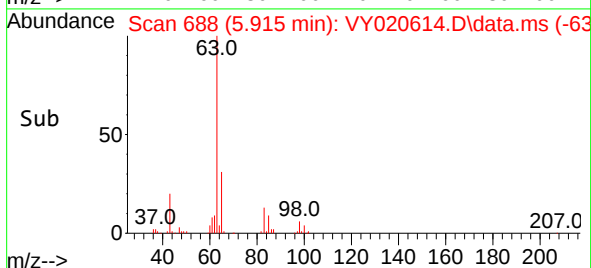
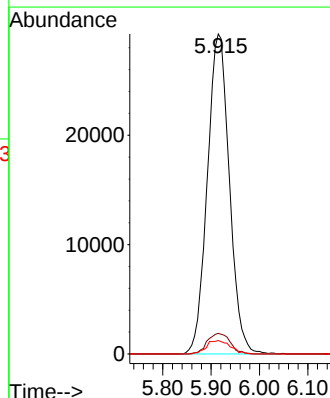
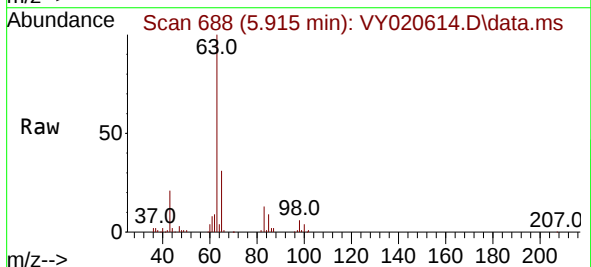
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

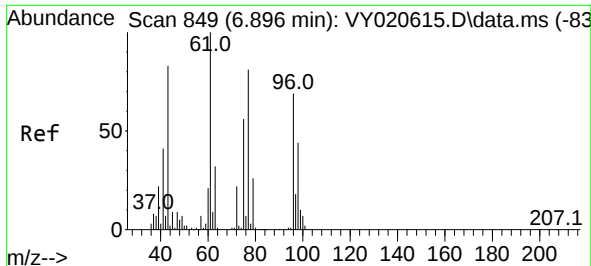
Tgt Ion: 43 Resp: 441039
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.011 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020614.D
 Acq: 17 Dec 2024 10:23

Tgt Ion: 63 Resp: 92599
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 93.608 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

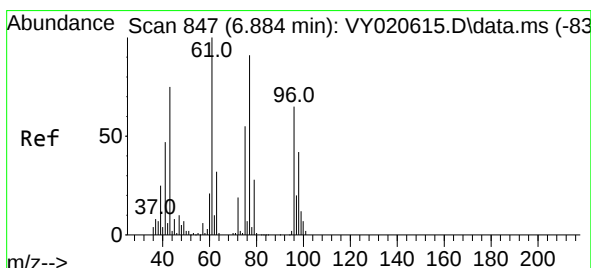
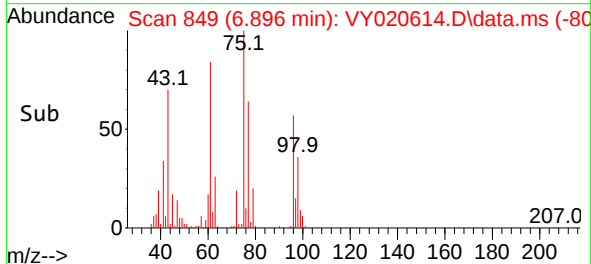
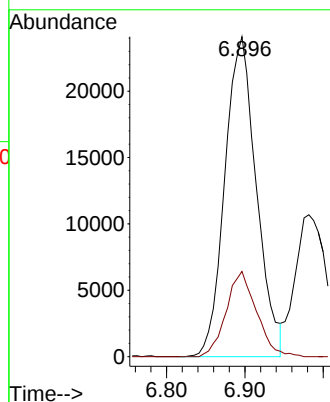
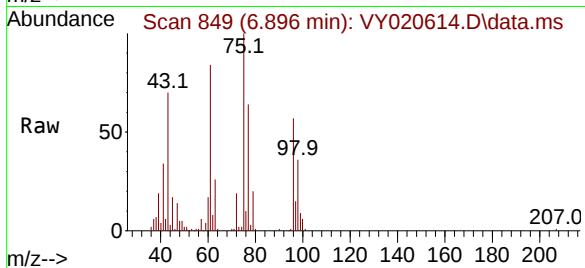
VSTDICC020

Tgt Ion: 43 Resp: 67498

Ion Ratio Lower Upper

43 100

72 26.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.750 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY020614.D

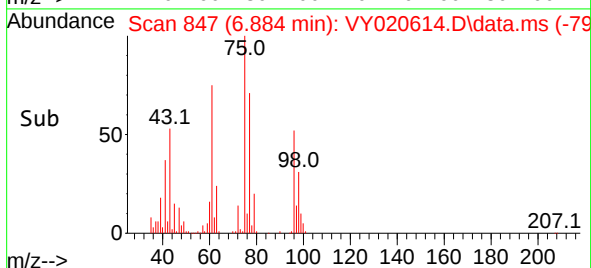
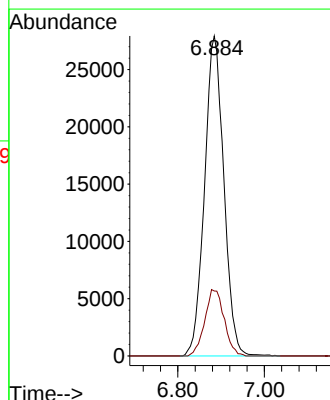
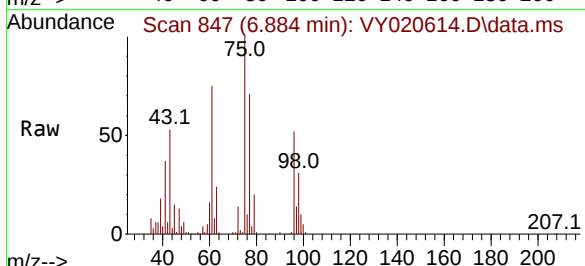
Acq: 17 Dec 2024 10:23

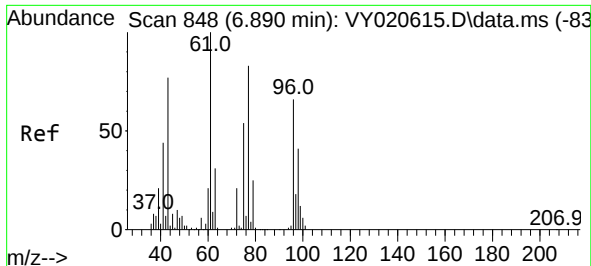
Tgt Ion: 77 Resp: 86393

Ion Ratio Lower Upper

77 100

97 20.9 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 20.149 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

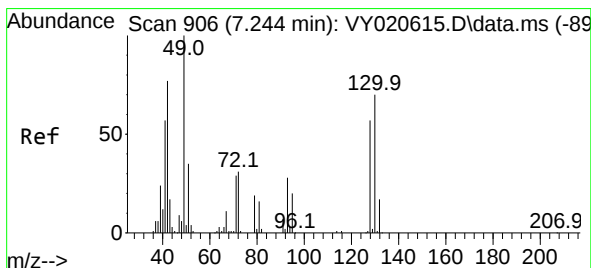
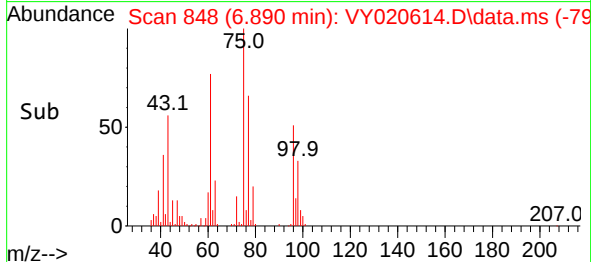
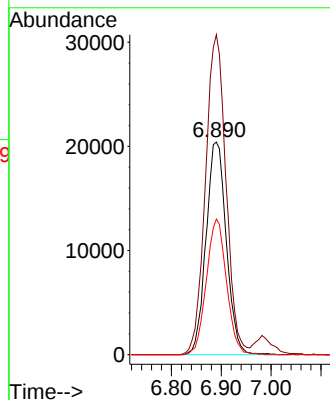
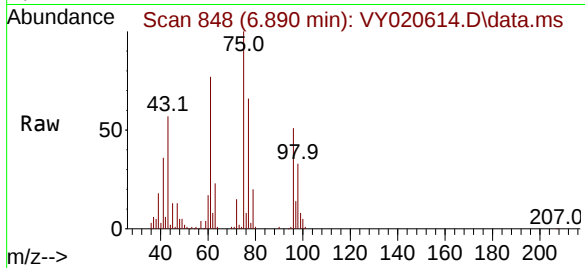
Tgt Ion: 96 Resp: 57749

Ion Ratio Lower Upper

96 100

61 152.3 0.0 306.2

98 63.2 0.0 127.2



#28

Bromochloromethane

Concen: 16.009 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

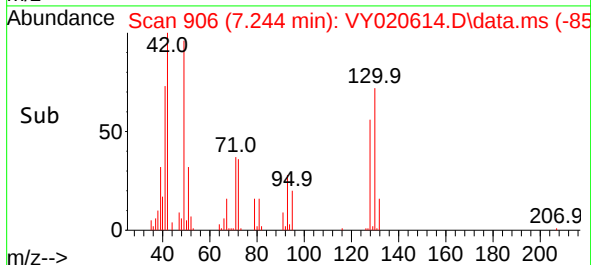
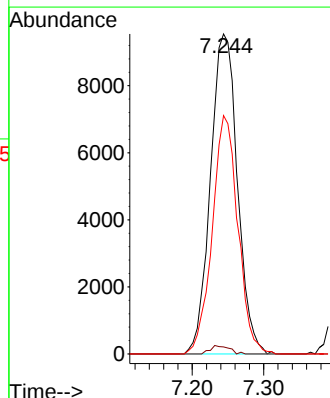
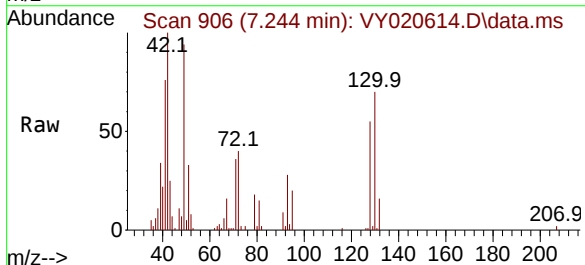
Tgt Ion: 49 Resp: 24987

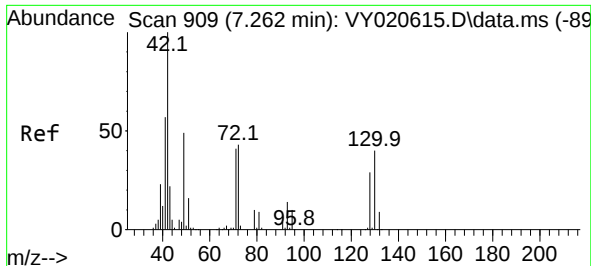
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 70.9 58.3 87.5

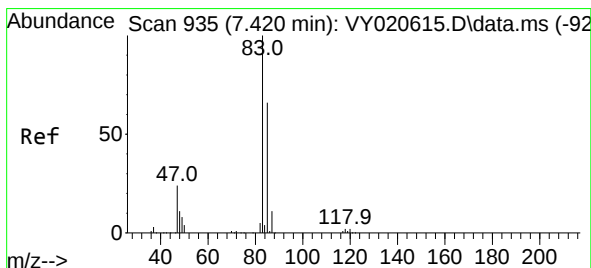
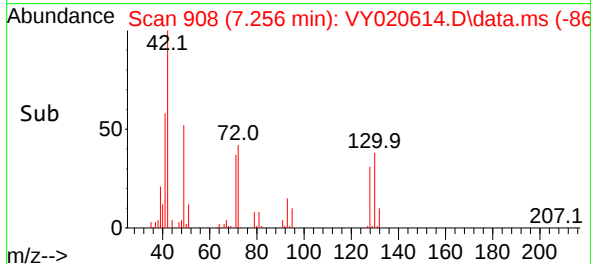
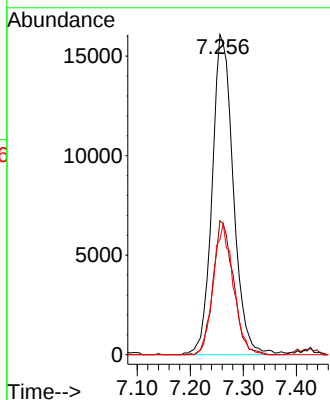
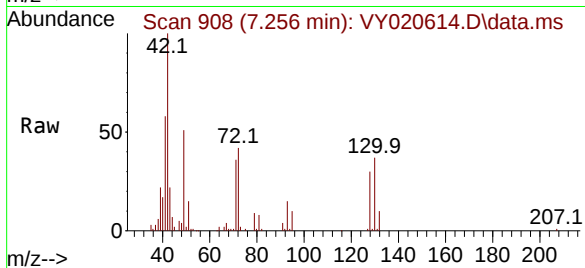




#29
Tetrahydrofuran
Concen: 98.059 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

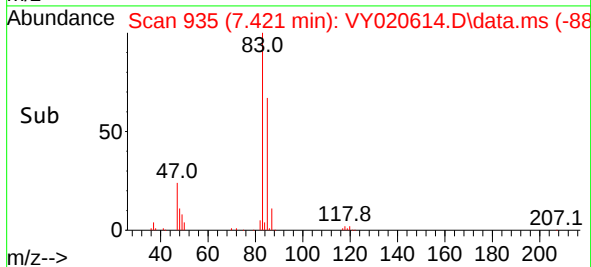
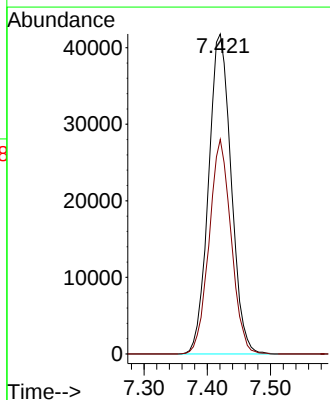
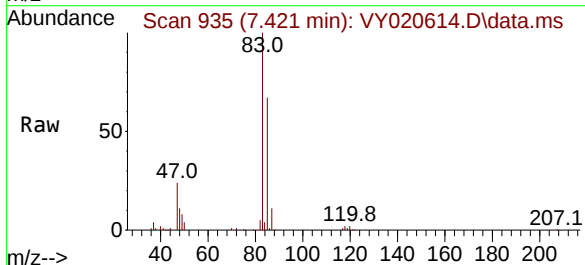
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

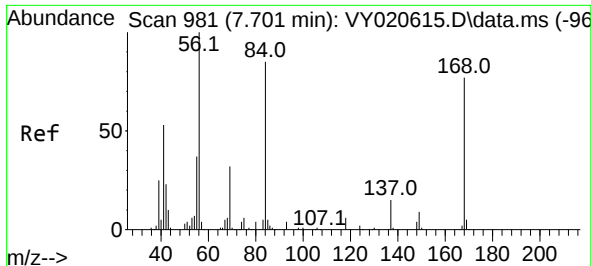
Tgt Ion: 42 Resp: 44636
Ion Ratio Lower Upper
42 100
72 40.3 34.0 51.0
71 38.9 31.6 47.4



#30
Chloroform
Concen: 19.065 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.001 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 83 Resp: 103806
Ion Ratio Lower Upper
83 100
85 67.1 52.7 79.1

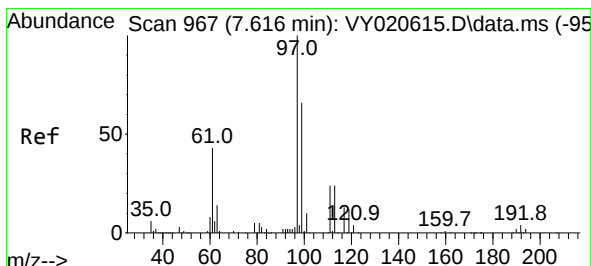
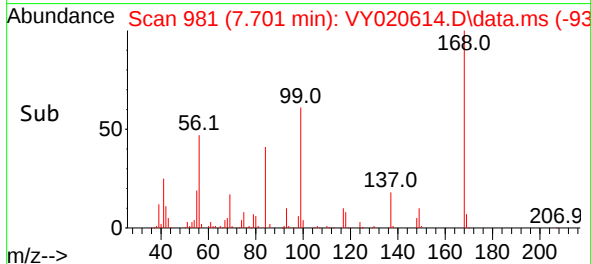
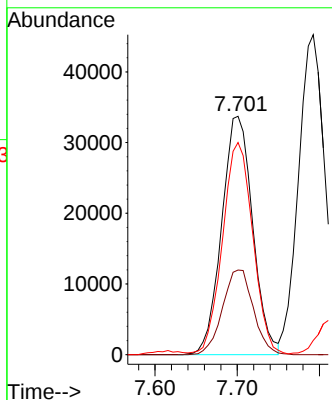
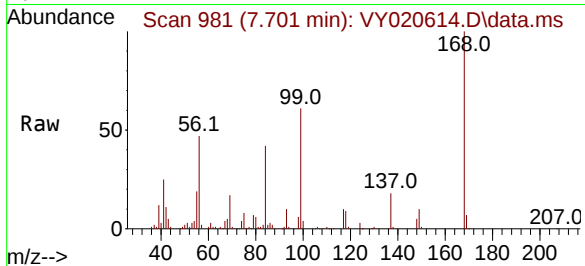




#31
Cyclohexane
Concen: 19.966 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

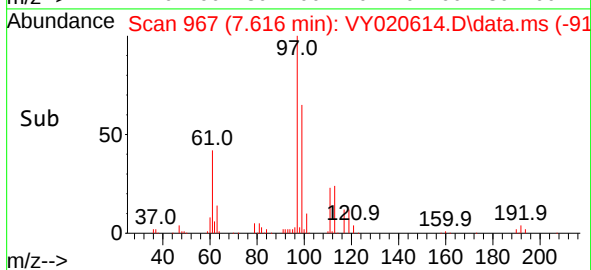
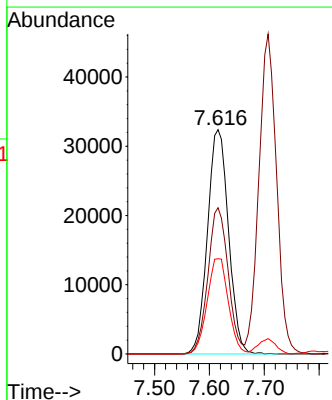
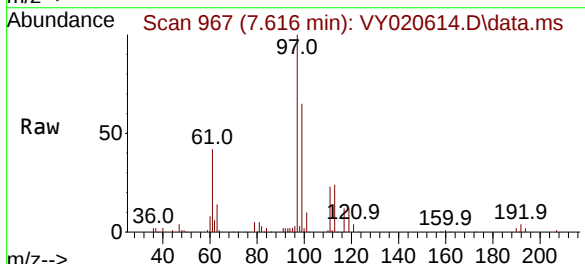
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

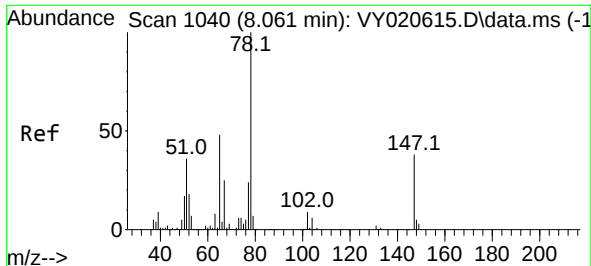
Tgt Ion: 56 Resp: 88339
Ion Ratio Lower Upper
56 100
69 35.5 25.4 38.0
84 87.8 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 20.249 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 97 Resp: 86081
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 43.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 17.777 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

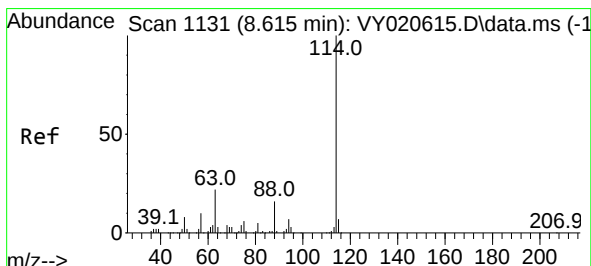
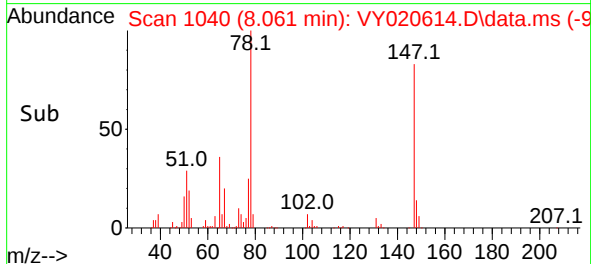
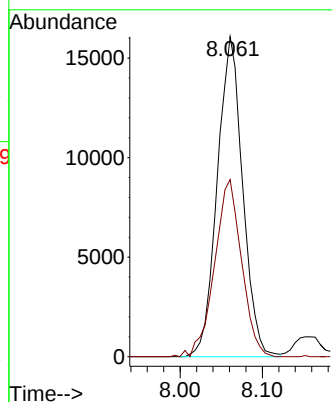
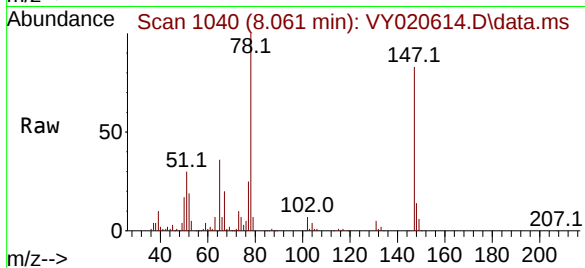
VSTDIC020

Tgt Ion: 65 Resp: 34492

Ion Ratio Lower Upper

65 100

67 58.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

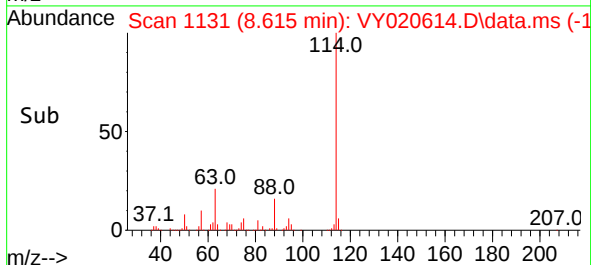
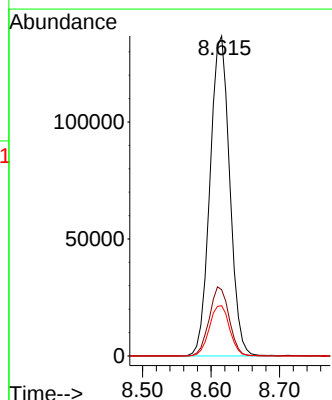
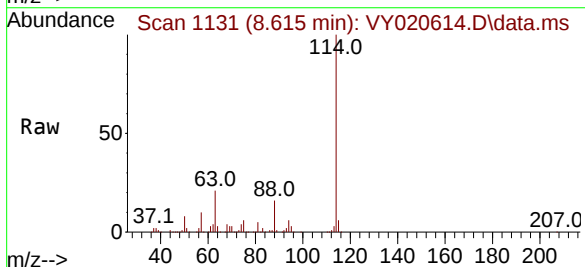
Tgt Ion: 114 Resp: 272612

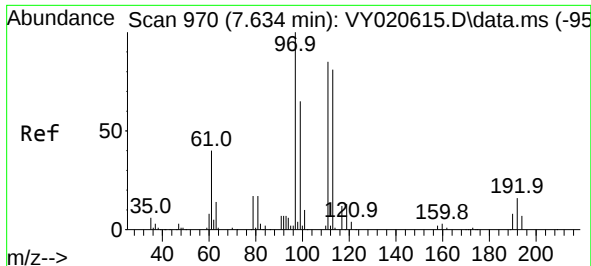
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 15.7 0.0 32.8

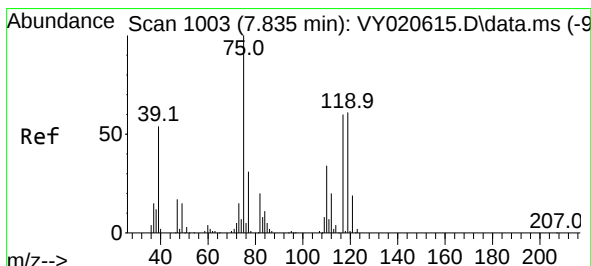
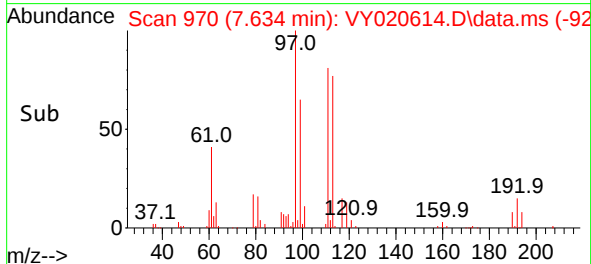
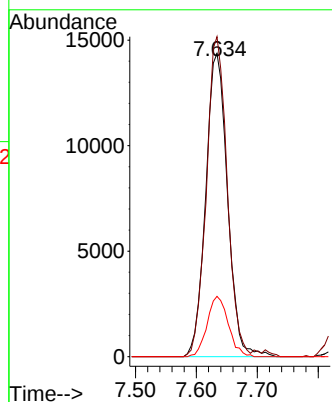
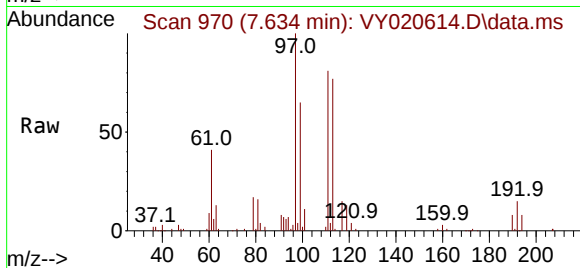




#35
Dibromofluoromethane
Concen: 18.603 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

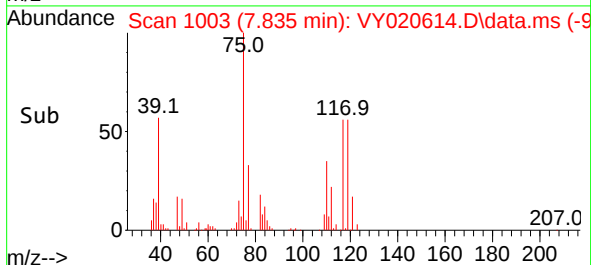
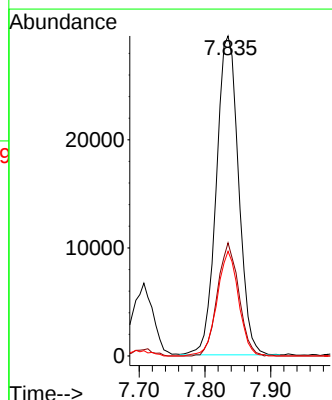
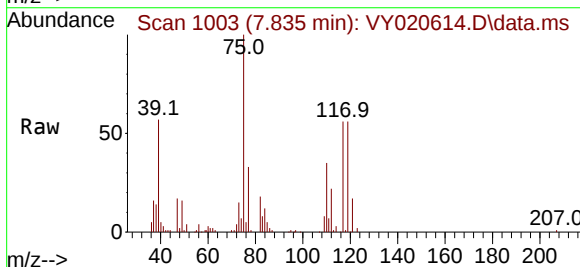
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

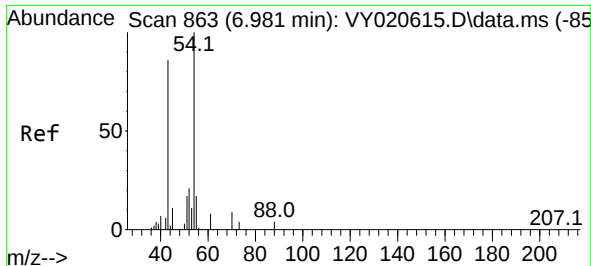
Tgt Ion:113 Resp: 35742
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 19.3 15.7 23.5



#36
1,1-Dichloropropene
Concen: 19.828 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 75 Resp: 69466
Ion Ratio Lower Upper
75 100
110 34.2 16.8 50.4
77 31.8 25.0 37.6





#37

Ethyl Acetate

Concen: 19.166 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

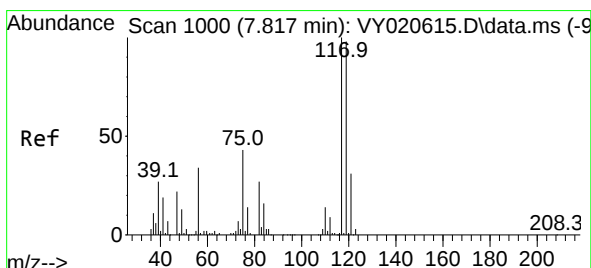
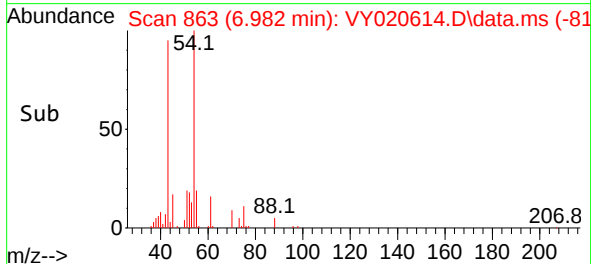
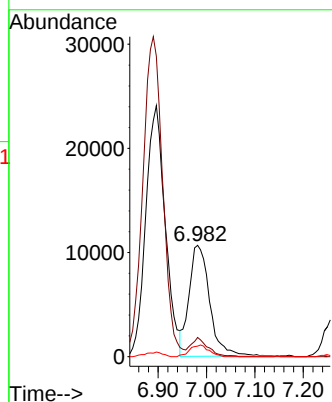
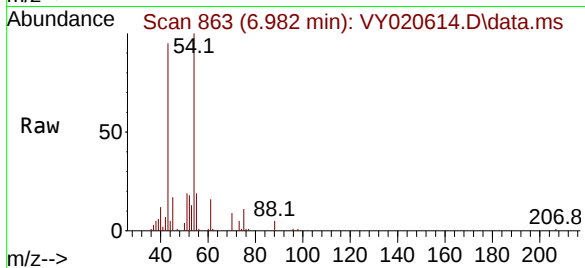
Tgt Ion: 43 Resp: 31585

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.4

70 9.6 7.9 11.9



#38

Carbon Tetrachloride

Concen: 20.109 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

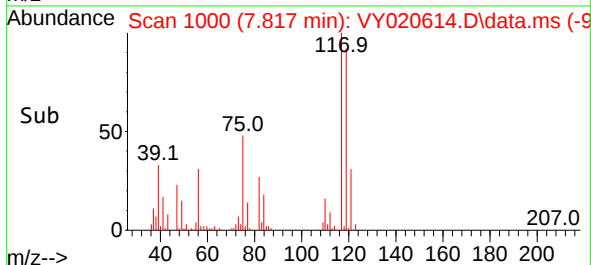
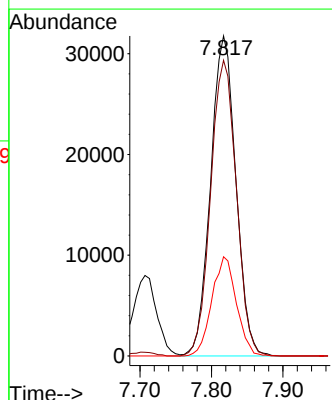
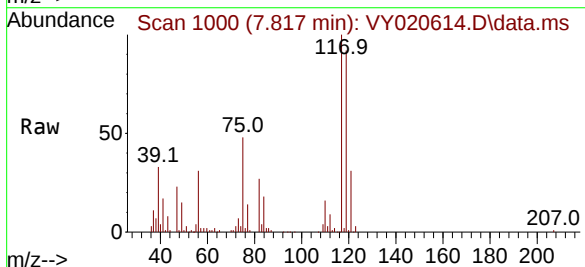
Tgt Ion: 117 Resp: 77945

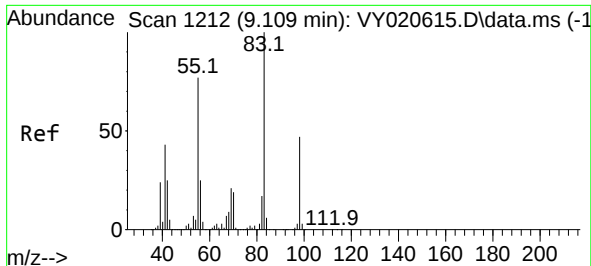
Ion Ratio Lower Upper

117 100

119 92.4 78.3 117.5

121 31.0 25.1 37.7

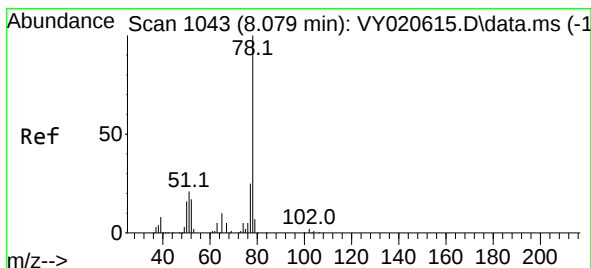
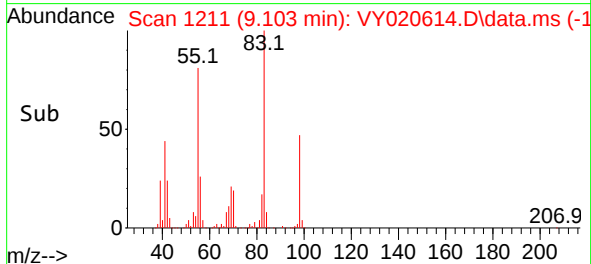
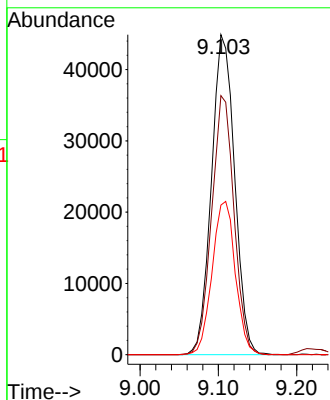
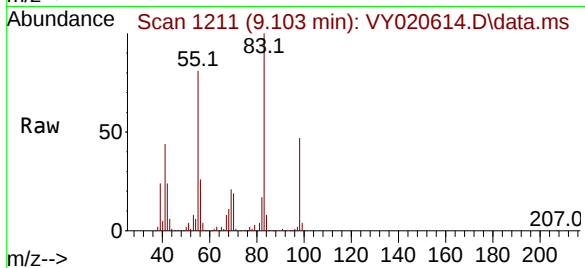




#39
Methylcyclohexane
Concen: 20.249 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

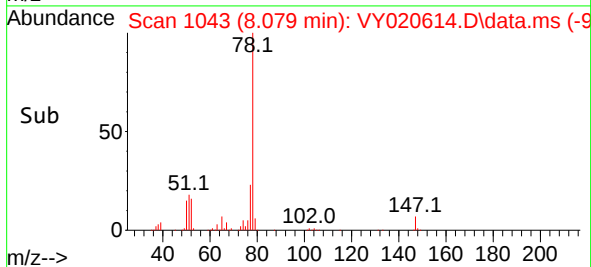
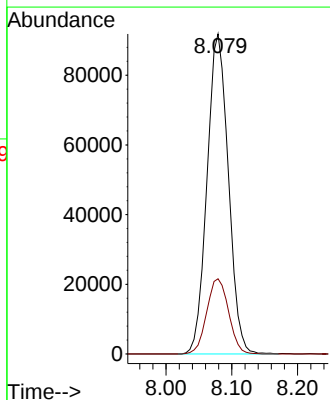
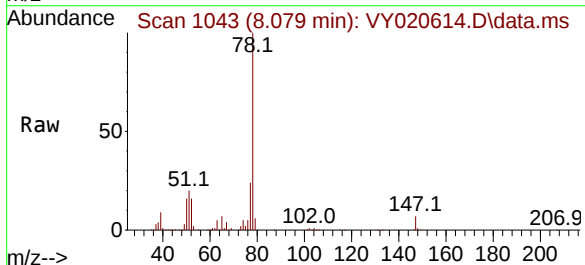
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

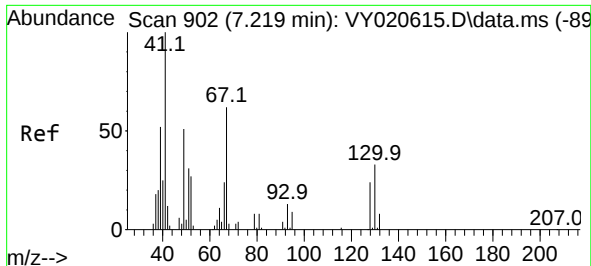
Tgt Ion: 83 Resp: 92458
Ion Ratio Lower Upper
83 100
55 81.0 61.4 92.0
98 46.8 37.3 55.9



#40
Benzene
Concen: 20.176 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 78 Resp: 207185
Ion Ratio Lower Upper
78 100
77 23.5 20.1 30.1

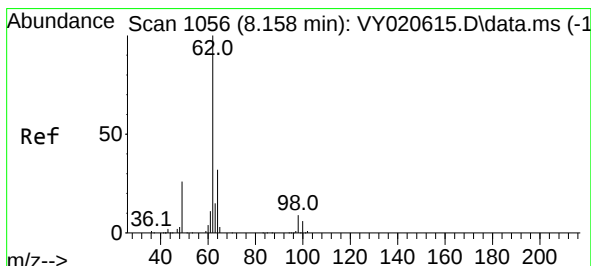
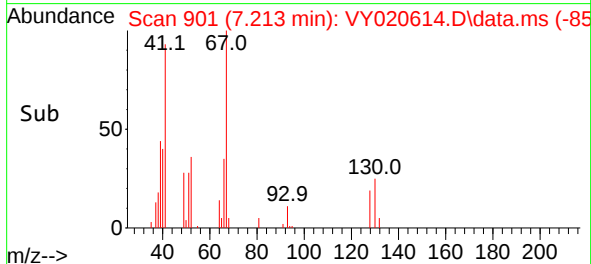
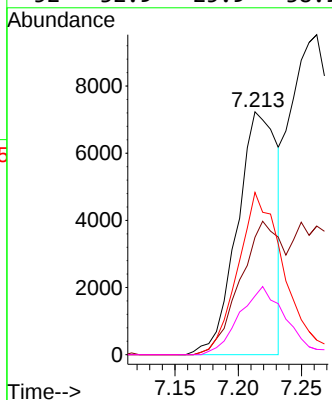
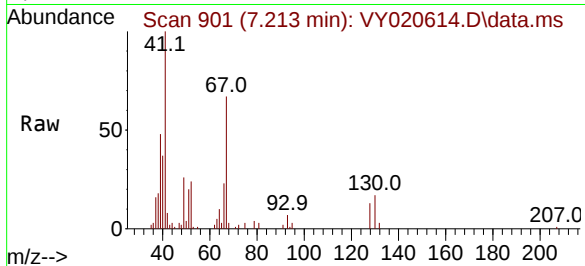




#41
Methacrylonitrile
Concen: 18.232 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

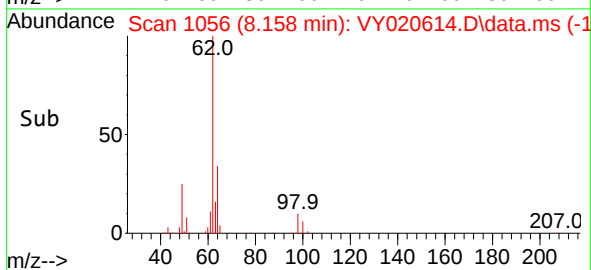
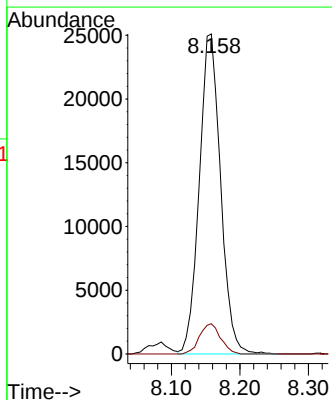
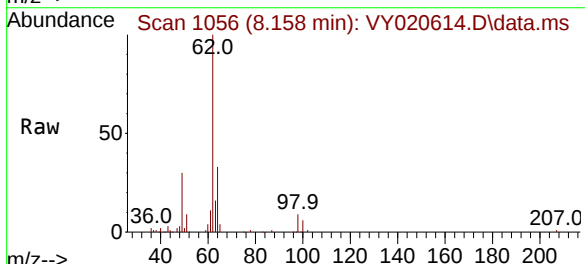
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

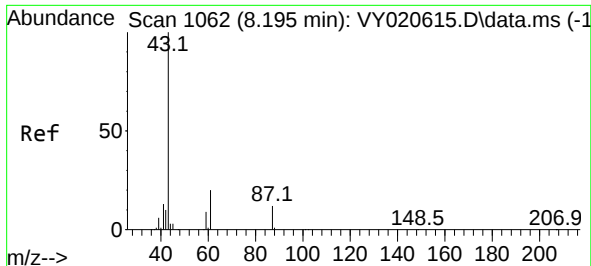
Tgt Ion:	41	Resp:	15884
Ion	Ratio	Lower	Upper
41	100		
39	59.0	53.6	80.4
67	77.5	62.0	93.0
52	32.9	25.9	38.9



#42
1,2-Dichloroethane
Concen: 19.983 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion:	62	Resp:	54425
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.375 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

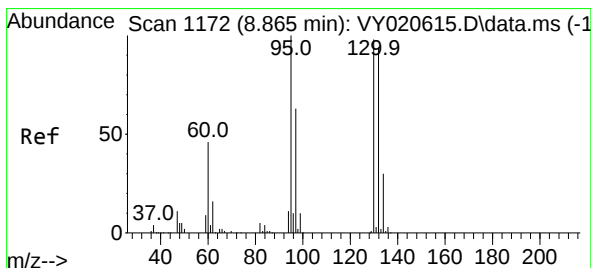
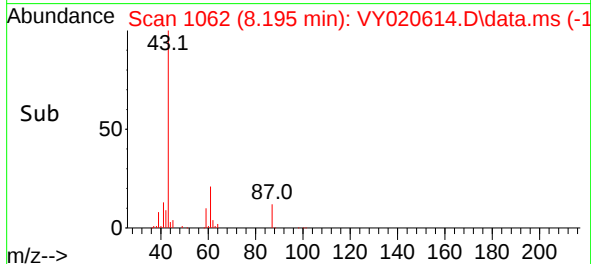
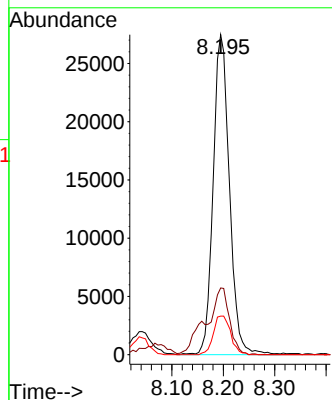
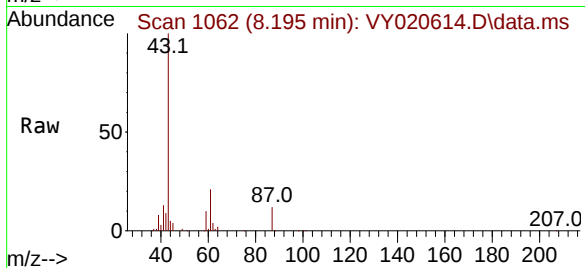
Tgt Ion: 43 Resp: 60446

Ion Ratio Lower Upper

43 100

61 20.4 23.8 35.6#

87 12.8 10.2 15.4



#44

Trichloroethene

Concen: 19.952 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020614.D

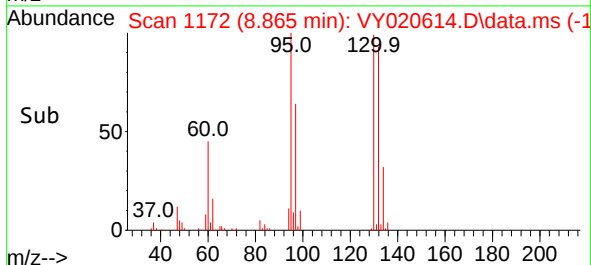
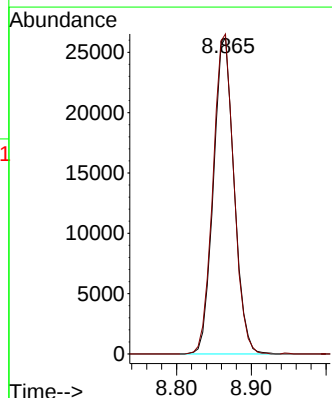
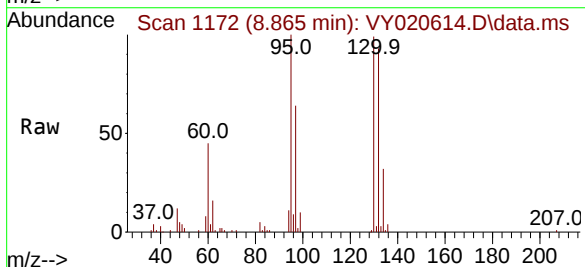
Acq: 17 Dec 2024 10:23

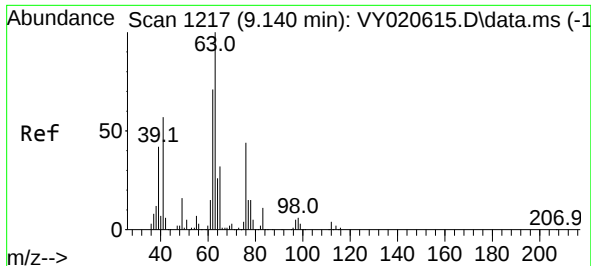
Tgt Ion:130 Resp: 50346

Ion Ratio Lower Upper

130 100

95 101.2 0.0 203.2





#45

1,2-Dichloropropane

Concen: 20.466 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

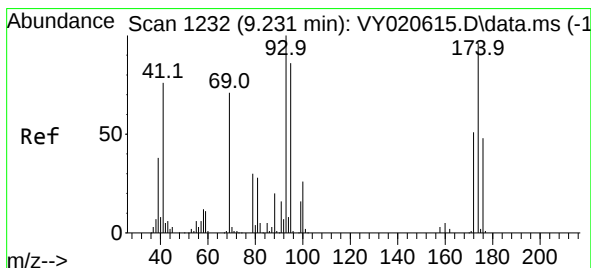
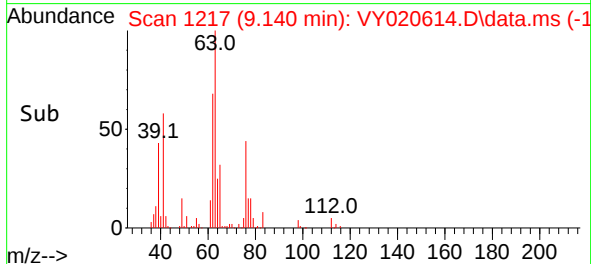
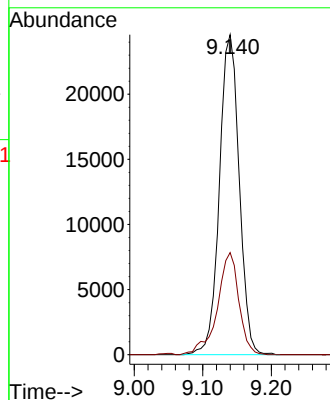
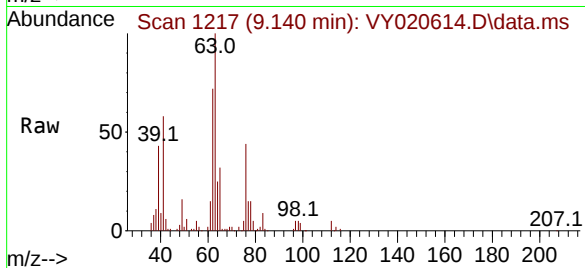
VSTDICC020

Tgt Ion: 63 Resp: 49119

Ion Ratio Lower Upper

63 100

65 31.9 25.9 38.9



#46

Dibromomethane

Concen: 19.753 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

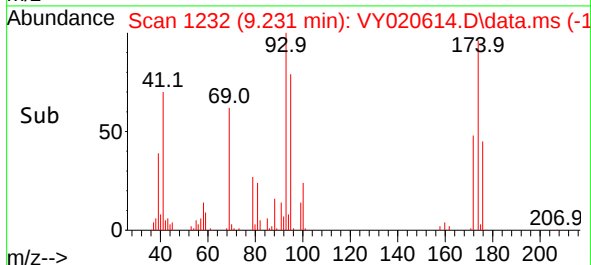
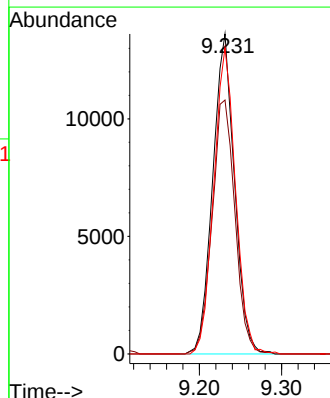
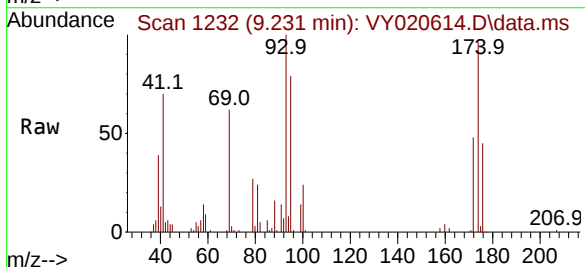
Tgt Ion: 93 Resp: 25054

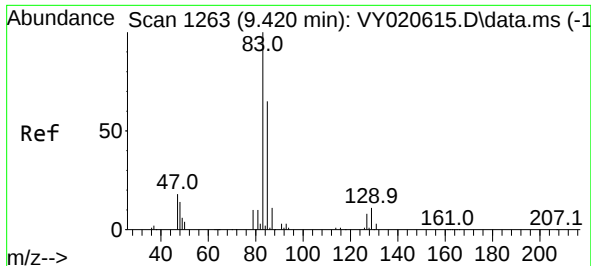
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 95.6 77.8 116.6

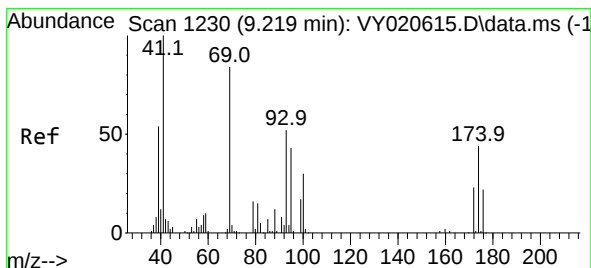
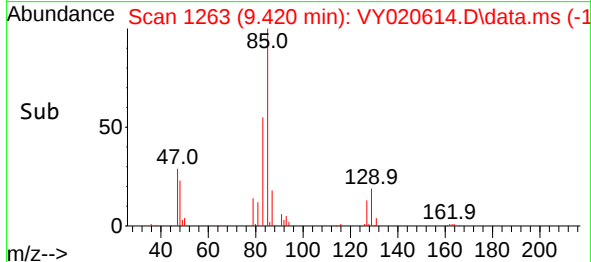
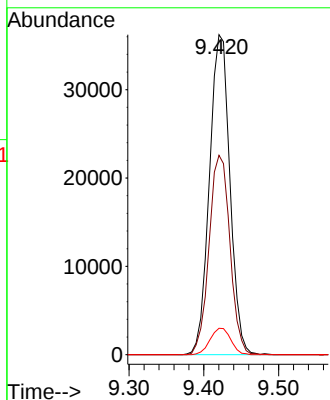
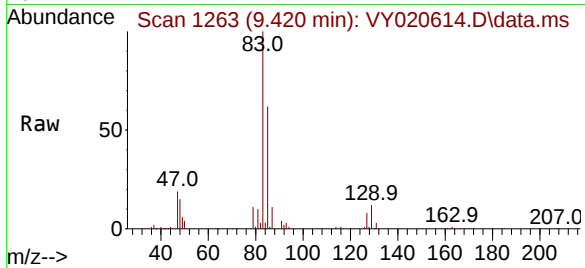




#47
Bromodichloromethane
Concen: 20.125 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

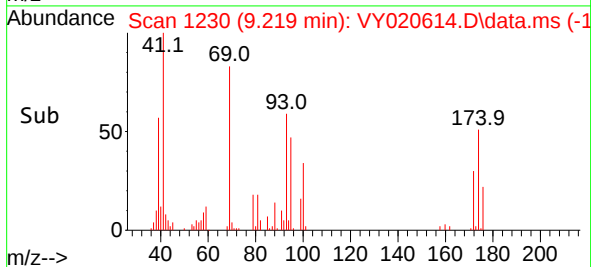
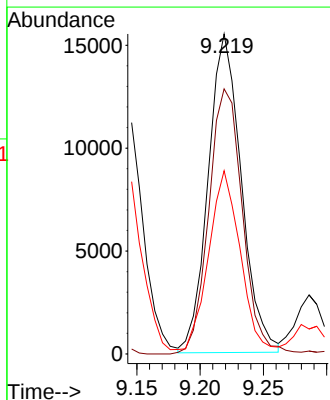
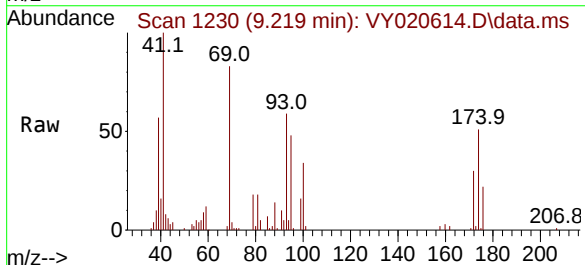
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

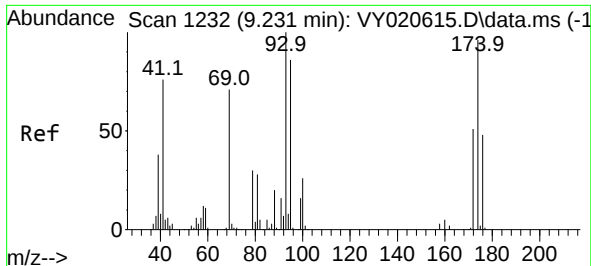
Tgt Ion: 83 Resp: 68951
Ion Ratio Lower Upper
83 100
85 62.3 52.1 78.1
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 19.051 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 41 Resp: 28256
Ion Ratio Lower Upper
41 100
69 84.4 67.2 100.8
39 53.2 42.2 63.4





#49

1,4-Dioxane

Concen: 371.167 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

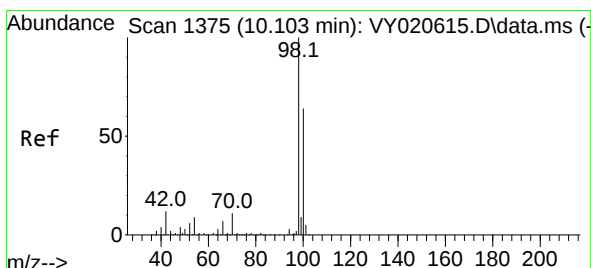
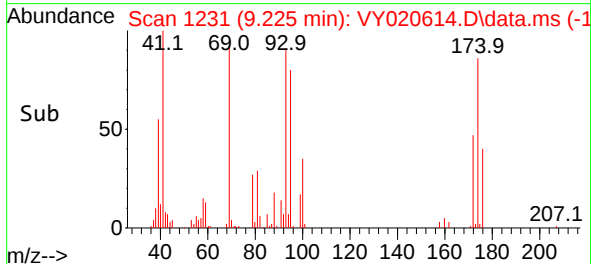
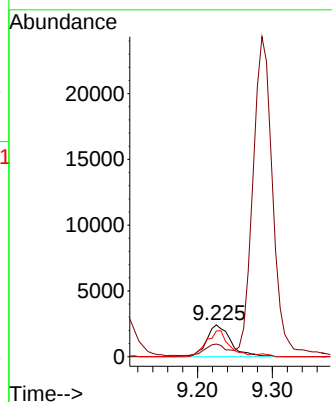
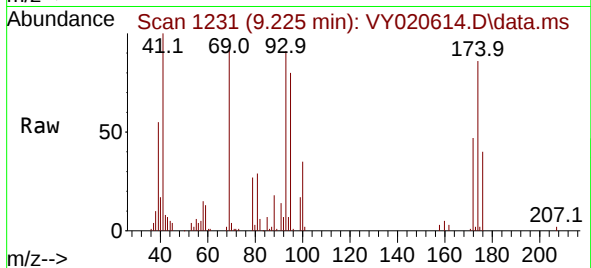
Tgt Ion: 88 Resp: 5399

Ion Ratio Lower Upper

88 100

43 34.4 27.6 41.4

58 81.6 61.7 92.5



#50

Toluene-d8

Concen: 18.267 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020614.D

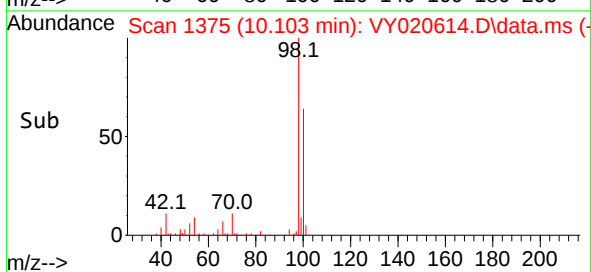
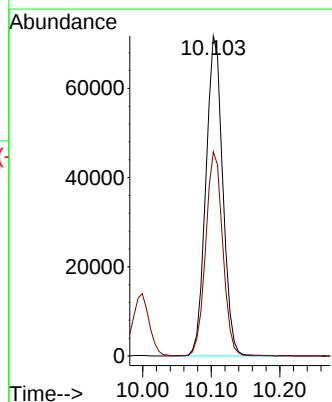
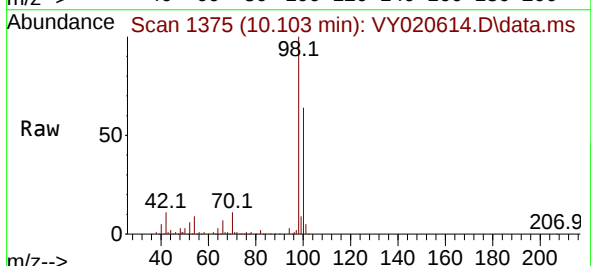
Acq: 17 Dec 2024 10:23

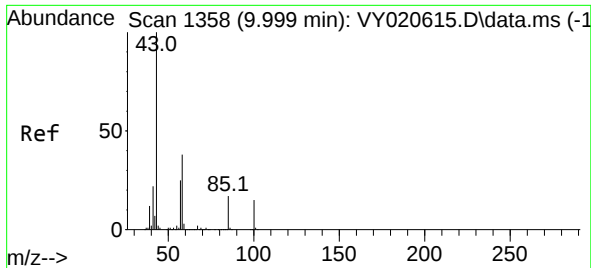
Tgt Ion: 98 Resp: 122846

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1

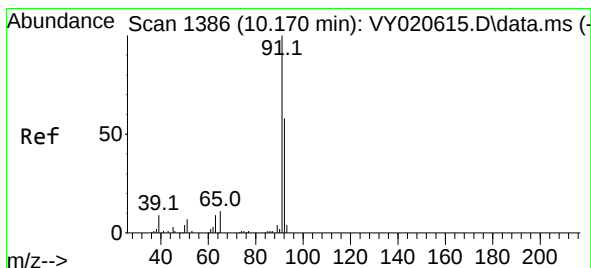
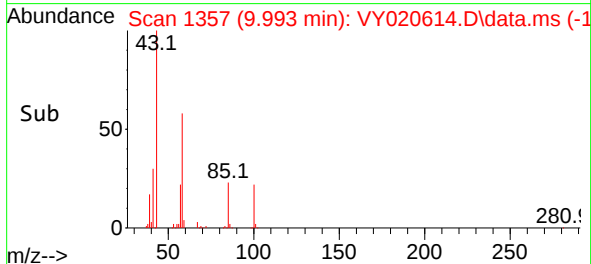
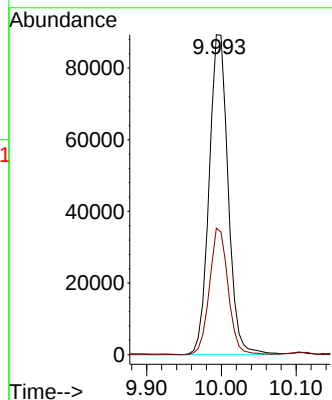
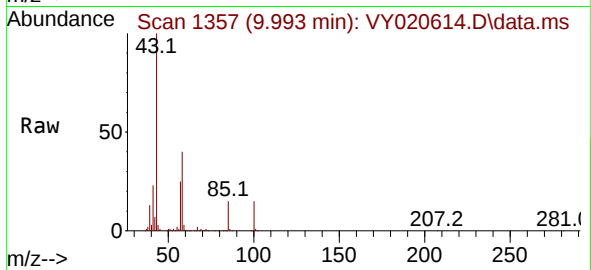




#51
4-Methyl-2-Pentanone
Concen: 95.918 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

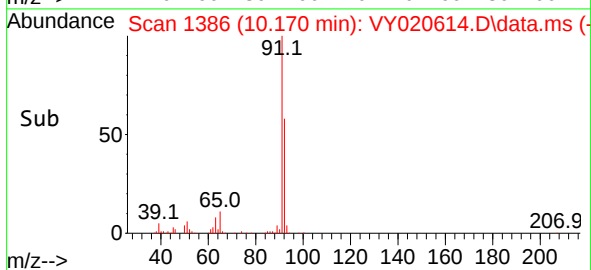
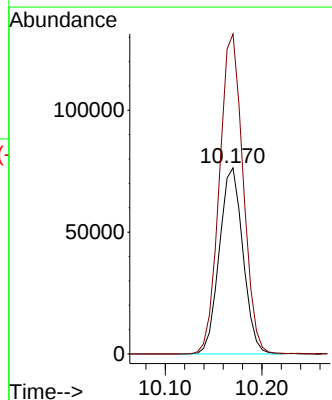
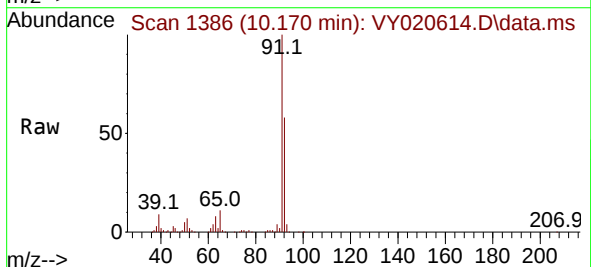
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

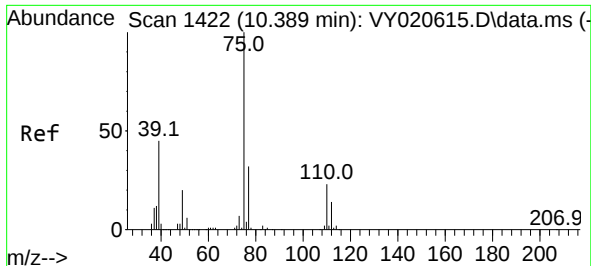
Tgt Ion: 43 Resp: 157955
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 20.245 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 92 Resp: 129196
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.543 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

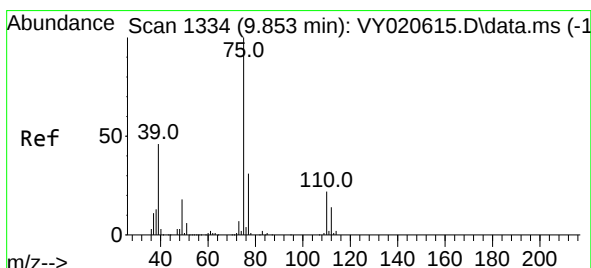
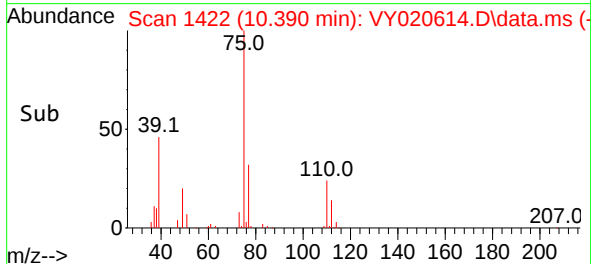
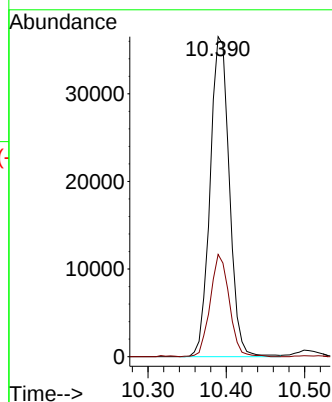
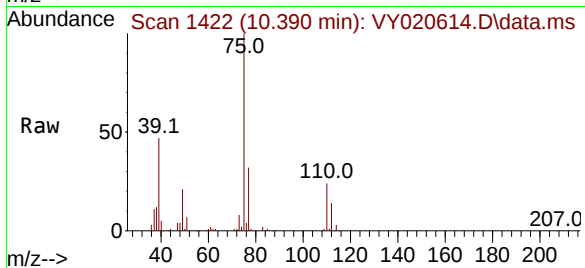
VSTDIC020

Tgt Ion: 75 Resp: 62391

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.996 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

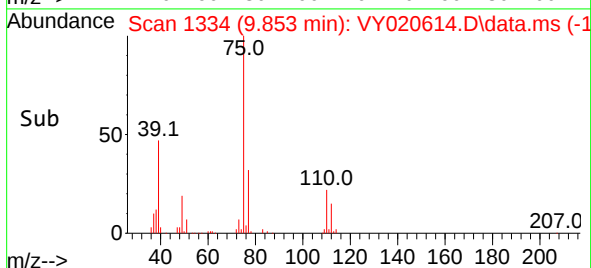
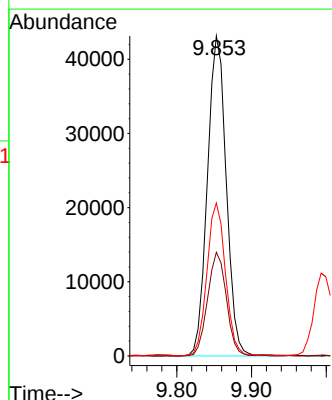
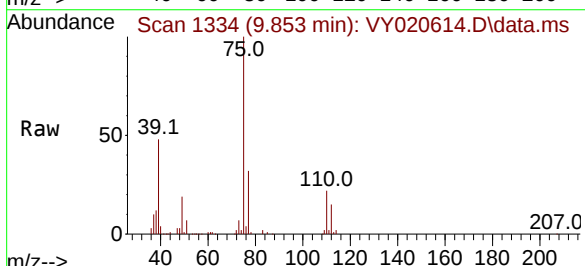
Tgt Ion: 75 Resp: 75647

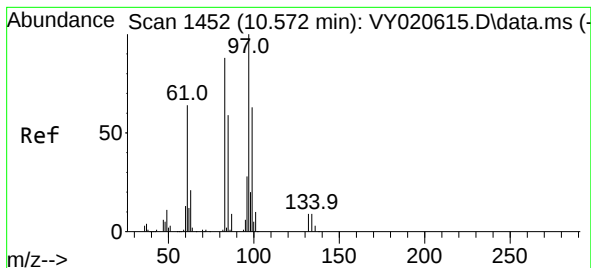
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 47.8 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 19.875 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 33330

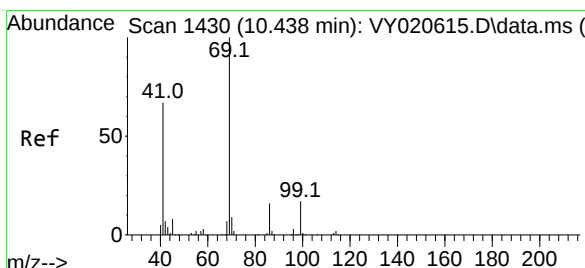
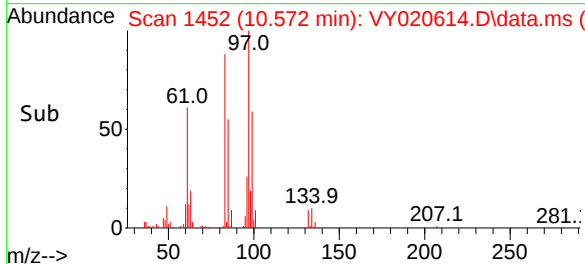
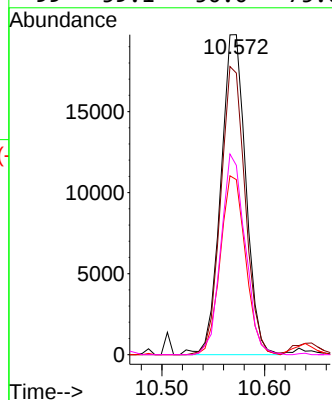
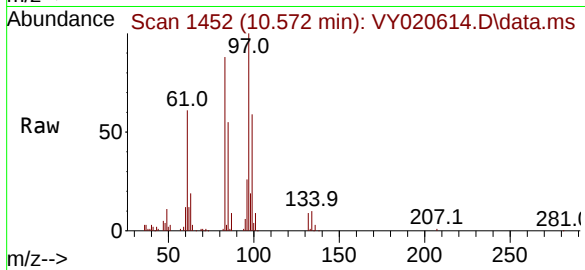
Ion Ratio Lower Upper

97 100

83 88.0 70.4 105.6

85 54.7 47.2 70.8

99 59.1 50.0 75.0



#56

Ethyl methacrylate

Concen: 18.930 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

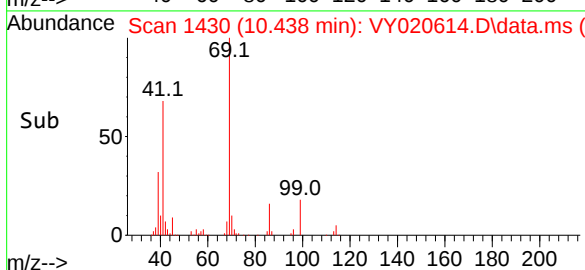
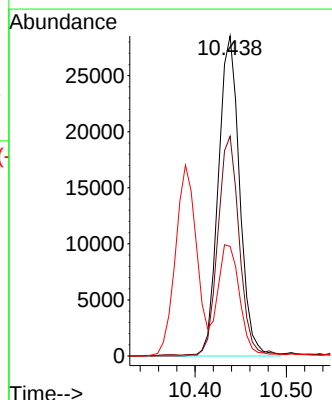
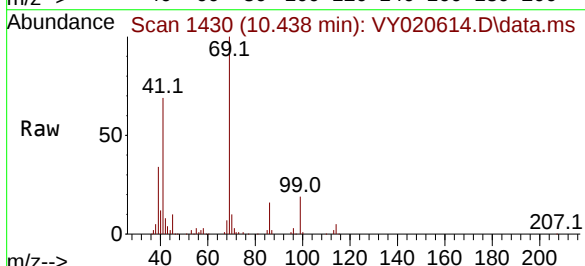
Tgt Ion: 69 Resp: 46055

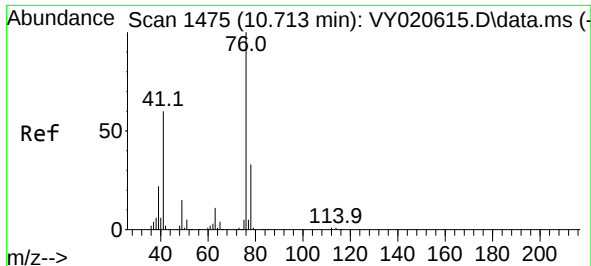
Ion Ratio Lower Upper

69 100

41 68.4 54.0 81.0

39 35.0 27.9 41.9





#57

1,3-Dichloropropane

Concen: 19.828 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

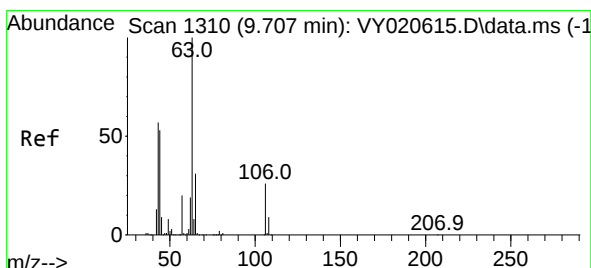
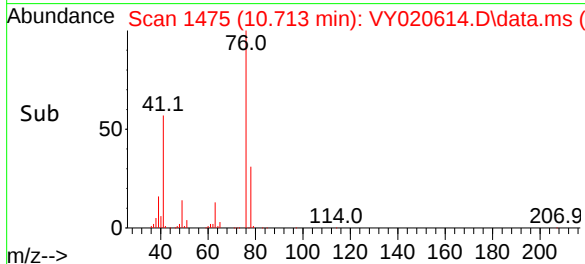
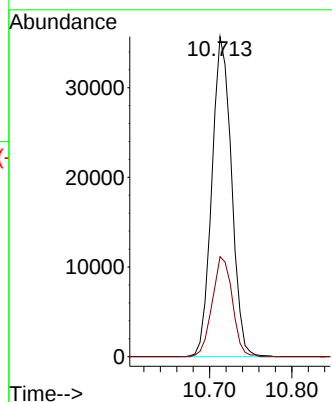
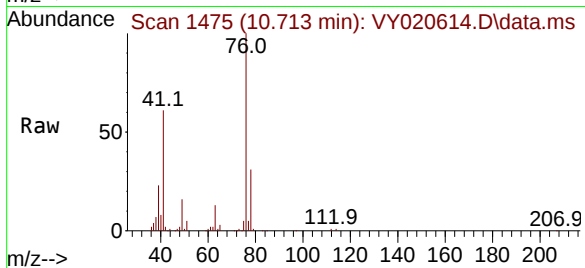
VSTDICC020

Tgt Ion: 76 Resp: 59274

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.804 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020614.D

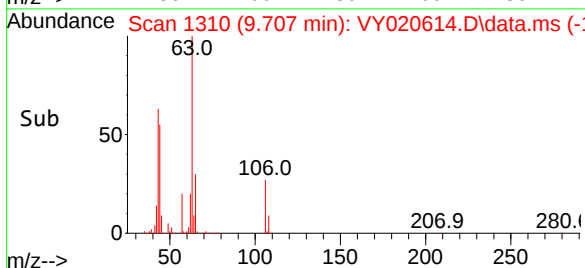
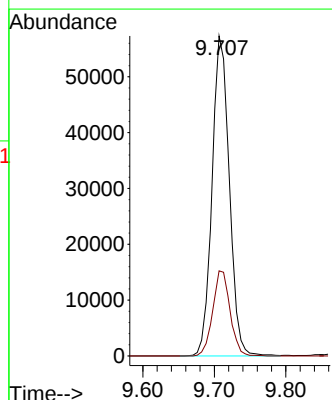
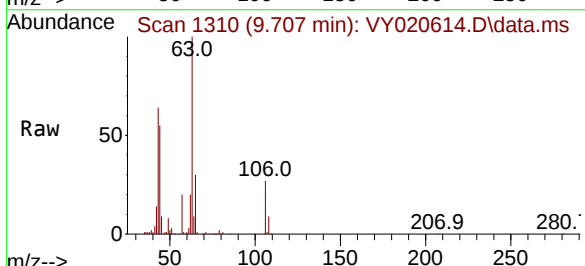
Acq: 17 Dec 2024 10:23

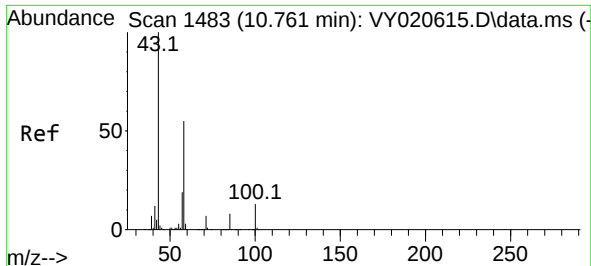
Tgt Ion: 63 Resp: 96023

Ion Ratio Lower Upper

63 100

106 26.7 21.5 32.3





#59

2-Hexanone

Concen: 94.224 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

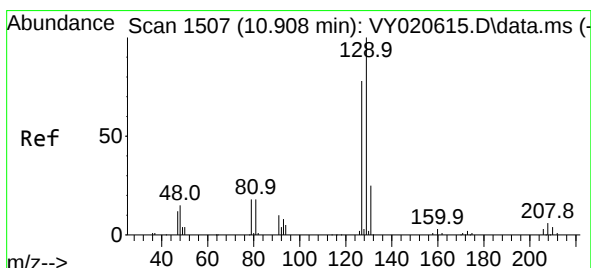
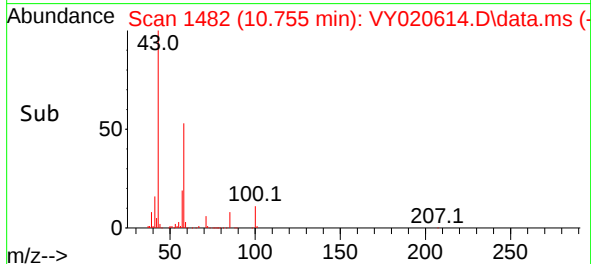
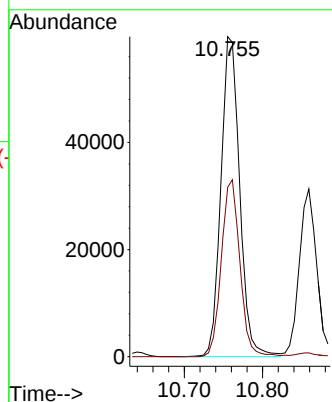
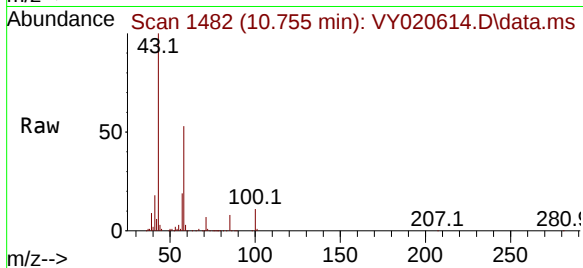
VSTDICC020

Tgt Ion: 43 Resp: 99623

Ion Ratio Lower Upper

43 100

58 54.6 27.2 81.6



#60

Dibromochloromethane

Concen: 19.541 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY020614.D

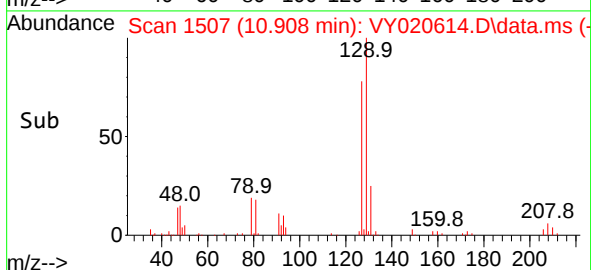
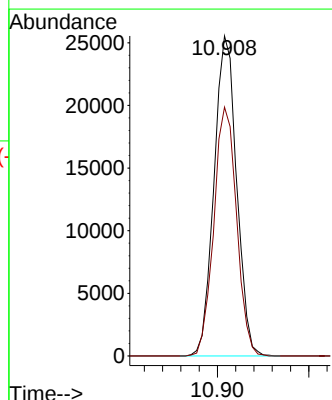
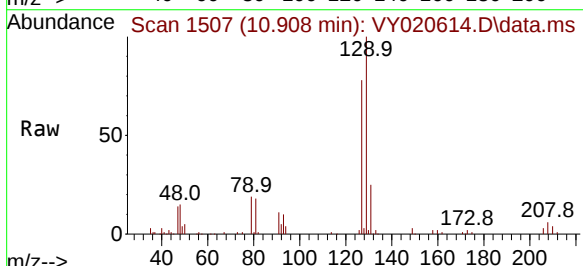
Acq: 17 Dec 2024 10:23

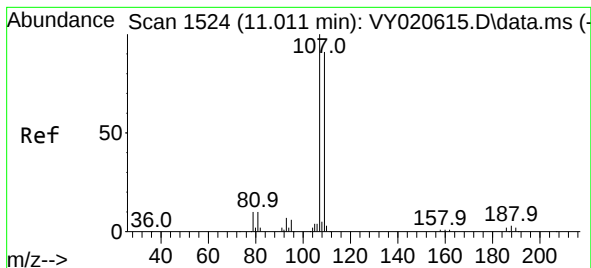
Tgt Ion:129 Resp: 43825

Ion Ratio Lower Upper

129 100

127 78.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.630 ug/l

RT: 11.011 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

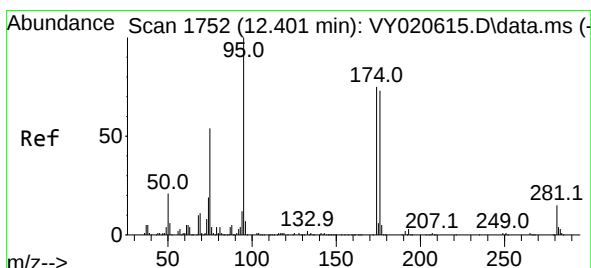
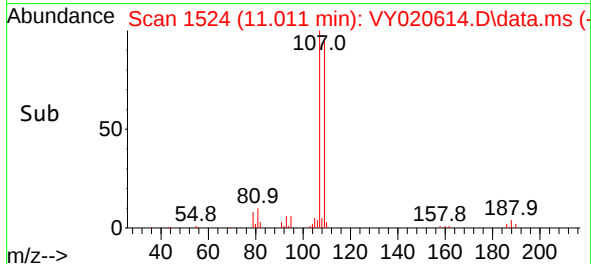
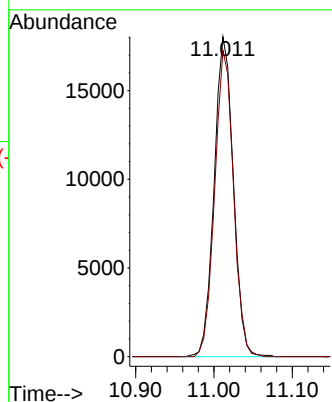
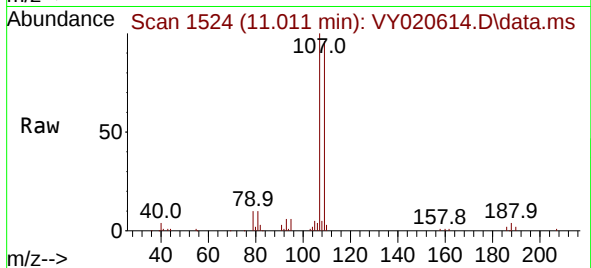
VSTDIC020

Tgt Ion:107 Resp: 30621

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 18.552 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

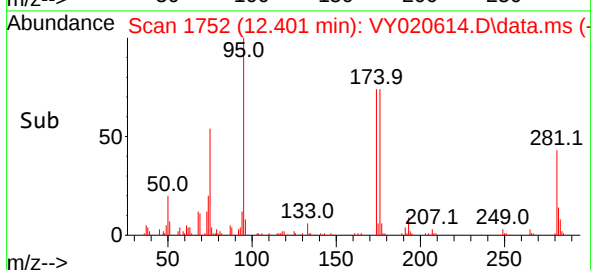
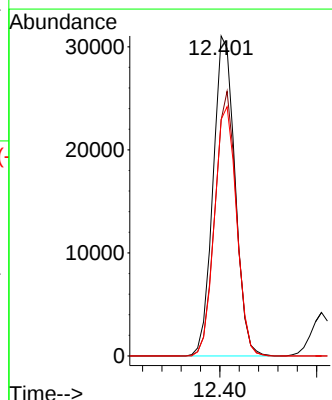
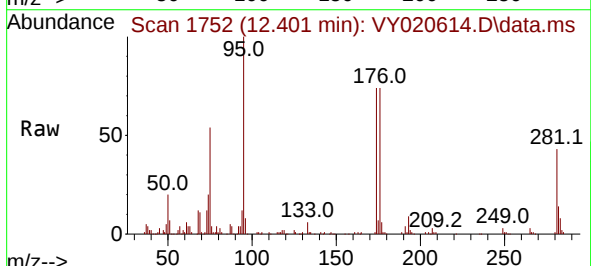
Tgt Ion: 95 Resp: 48801

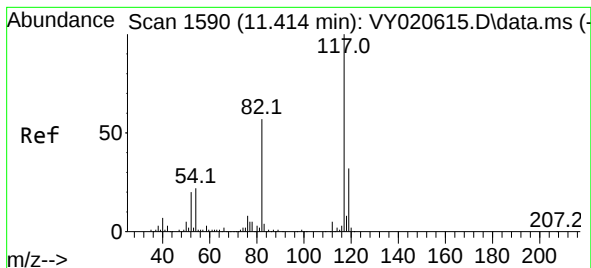
Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.8

176 78.7 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

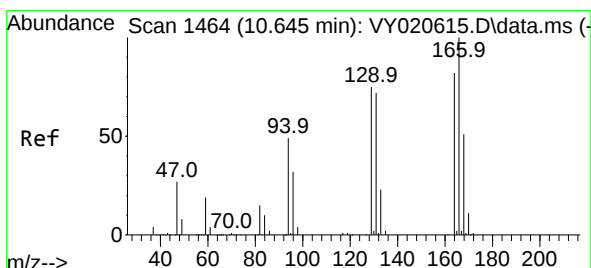
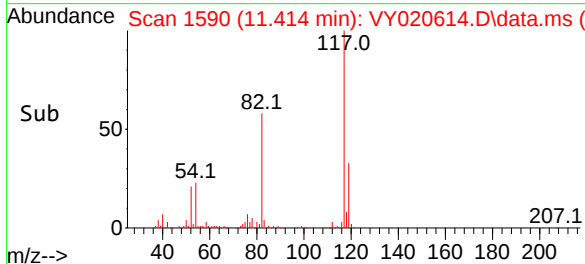
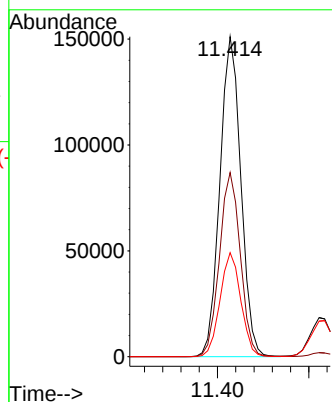
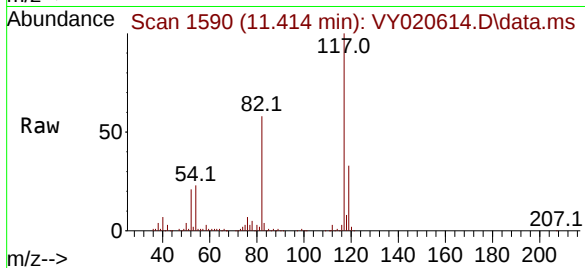
Tgt Ion:117 Resp: 241222

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.6

119 32.5 25.3 37.9



#64

Tetrachloroethene

Concen: 19.716 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Tgt Ion:164 Resp: 44735

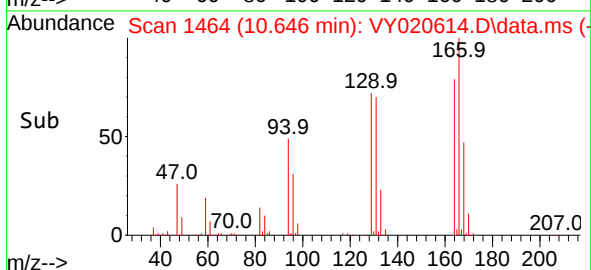
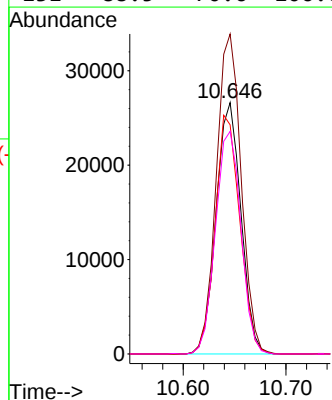
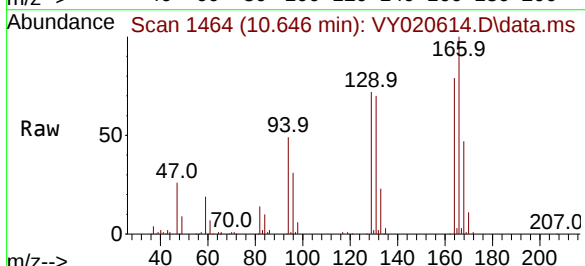
Ion Ratio Lower Upper

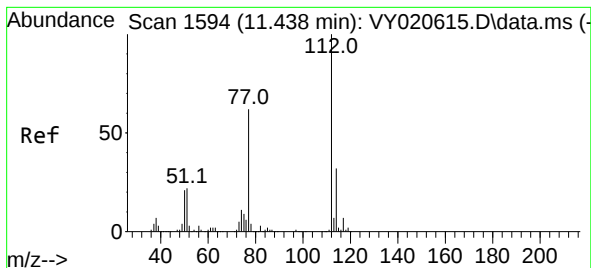
164 100

166 127.3 97.9 146.9

129 91.1 73.4 110.0

131 88.5 70.6 106.0





#65

Chlorobenzene

Concen: 19.987 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

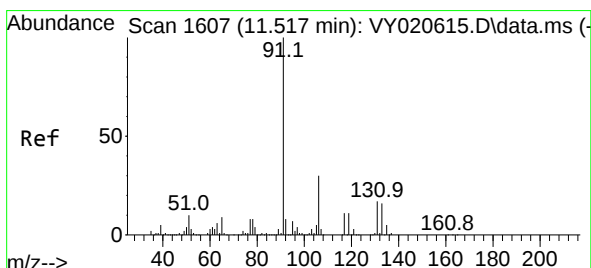
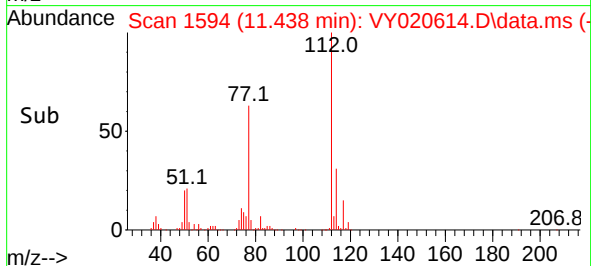
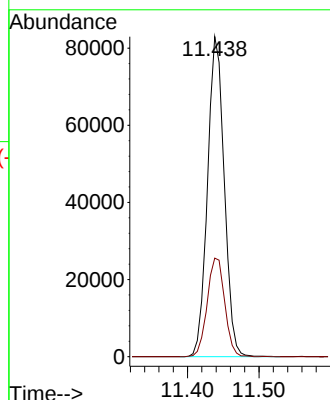
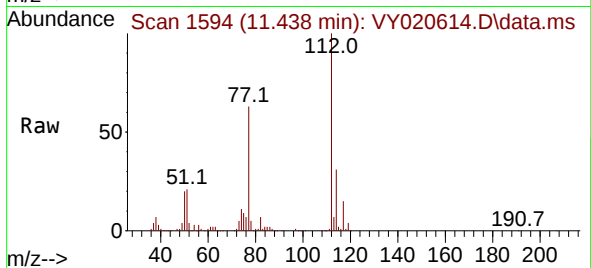
VSTDIC020

Tgt Ion:112 Resp: 134807

Ion Ratio Lower Upper

112 100

114 30.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.574 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

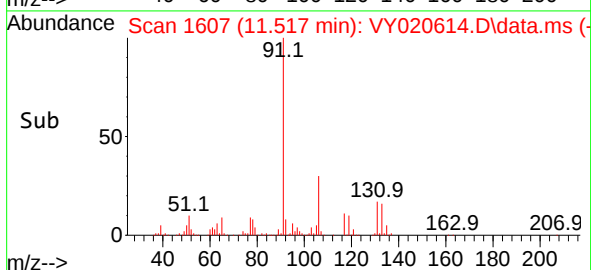
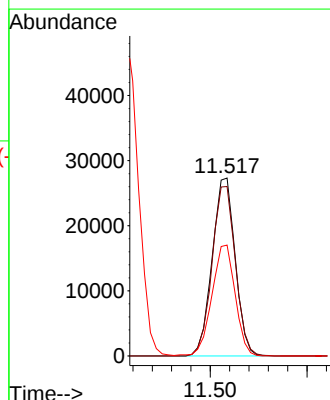
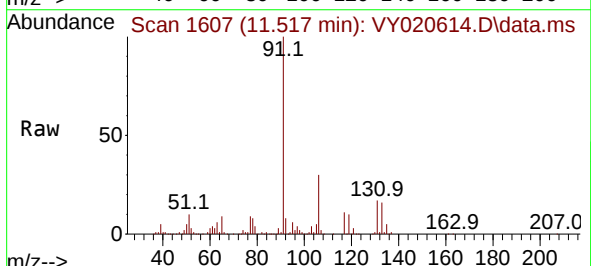
Tgt Ion:131 Resp: 45146

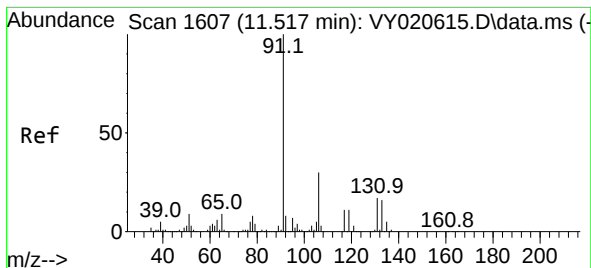
Ion Ratio Lower Upper

131 100

133 96.8 46.8 140.3

119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 20.027 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

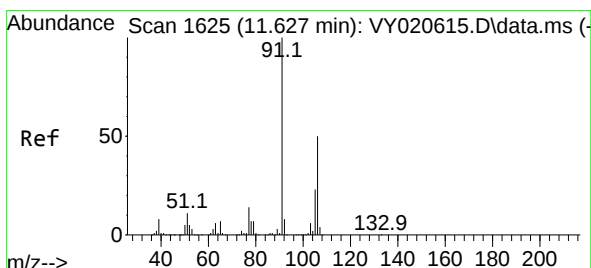
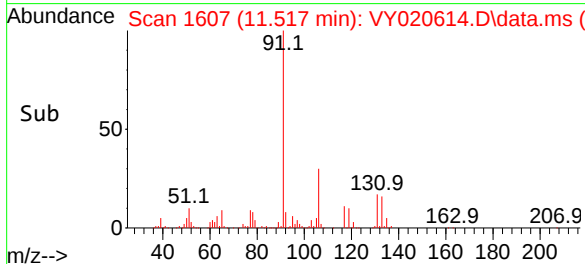
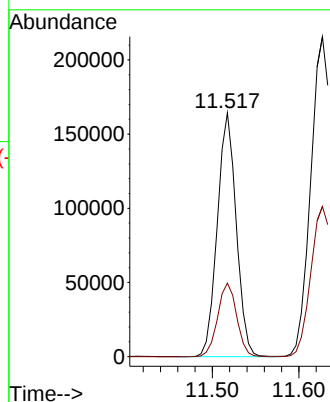
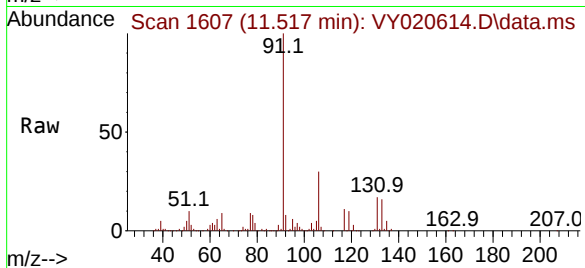
VSTDIC020

Tgt Ion: 91 Resp: 249208

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#68

m/p-Xylenes

Concen: 39.659 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020614.D

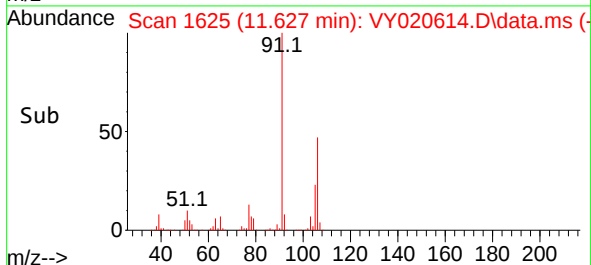
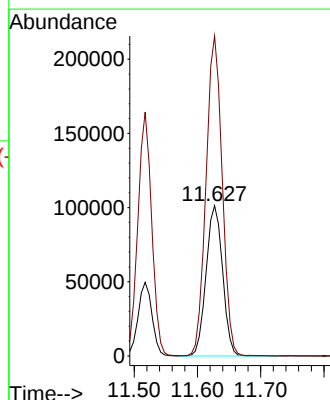
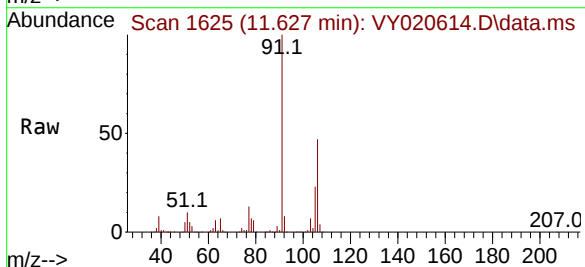
Acq: 17 Dec 2024 10:23

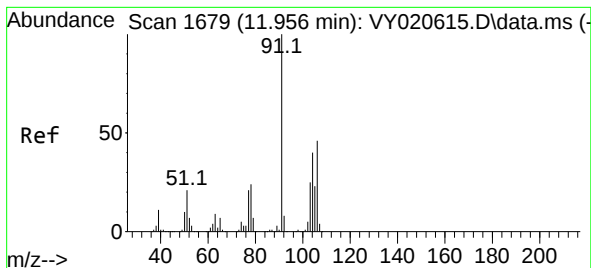
Tgt Ion:106 Resp: 183488

Ion Ratio Lower Upper

106 100

91 208.9 165.0 247.4





#69

o-Xylene

Concen: 19.932 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

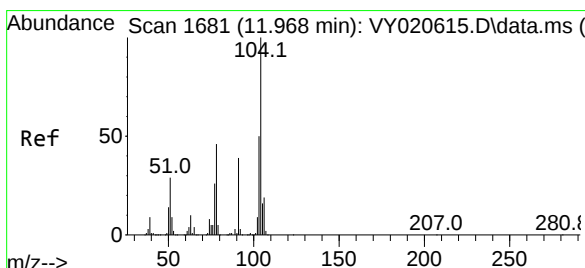
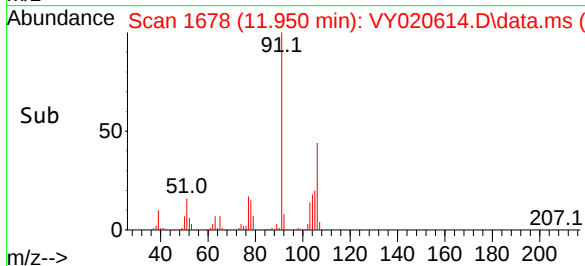
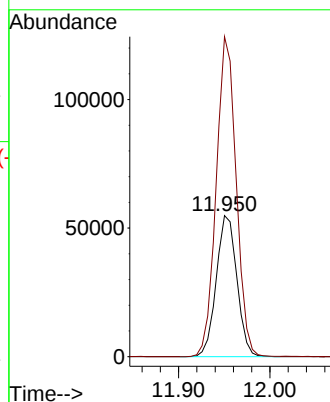
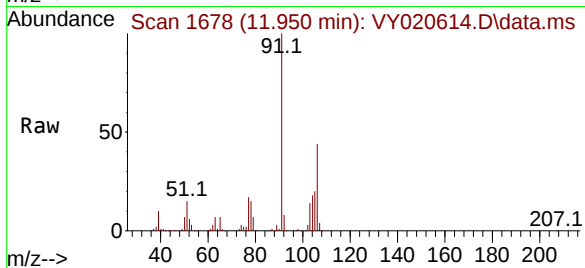
VSTDIC020

Tgt Ion:106 Resp: 86043

Ion Ratio Lower Upper

106 100

91 219.8 108.4 325.2



#70

Styrene

Concen: 20.012 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

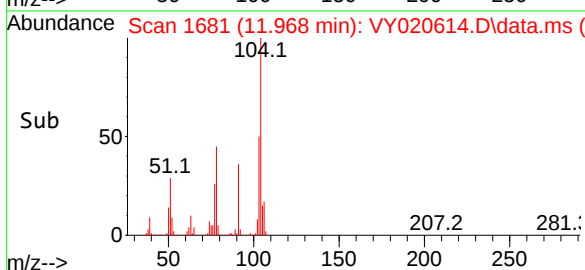
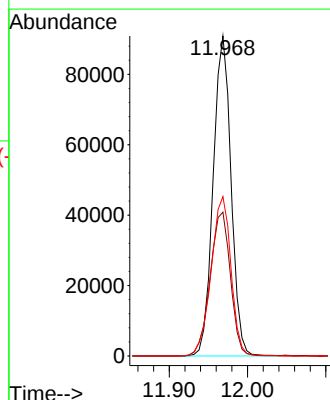
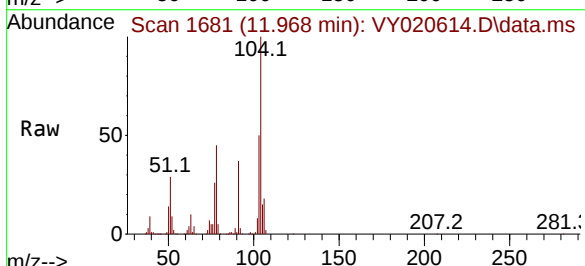
Tgt Ion:104 Resp: 144333

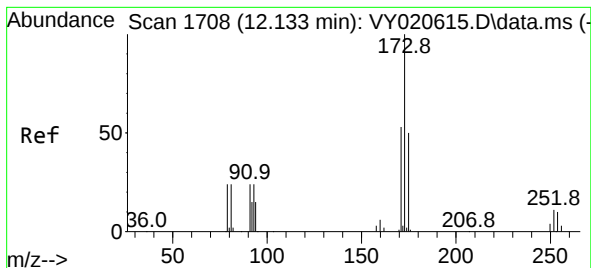
Ion Ratio Lower Upper

104 100

78 51.1 41.6 62.4

103 55.1 43.7 65.5





#71

Bromoform

Concen: 19.062 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

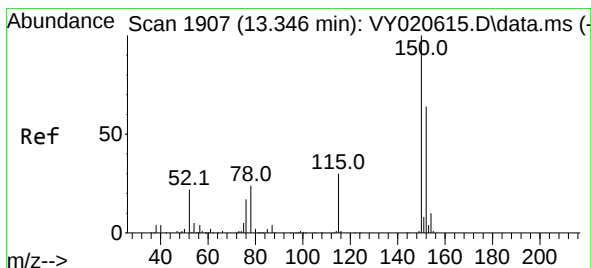
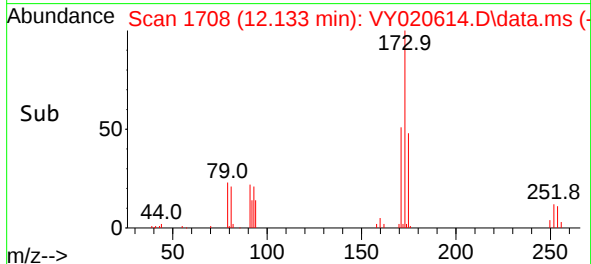
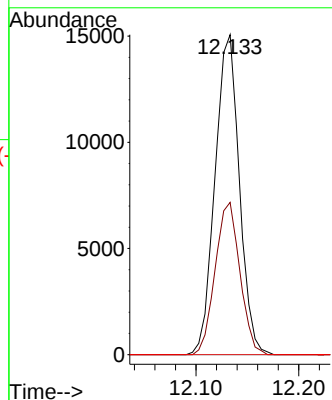
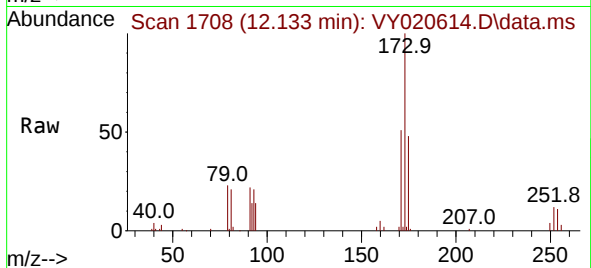
Tgt Ion:173 Resp: 24718

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

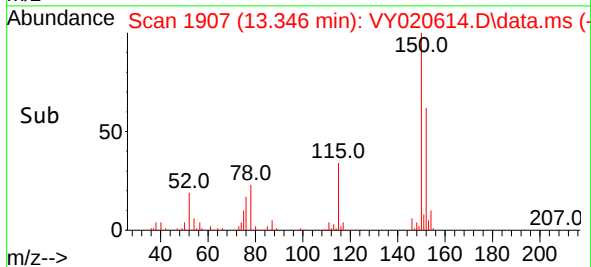
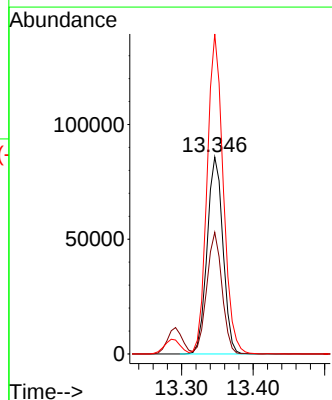
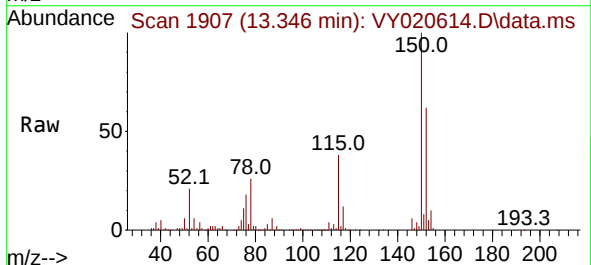
Tgt Ion:152 Resp: 131827

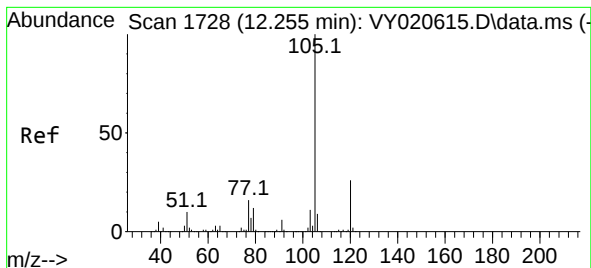
Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 165.8 0.0 355.4





#73

Isopropylbenzene

Concen: 20.404 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

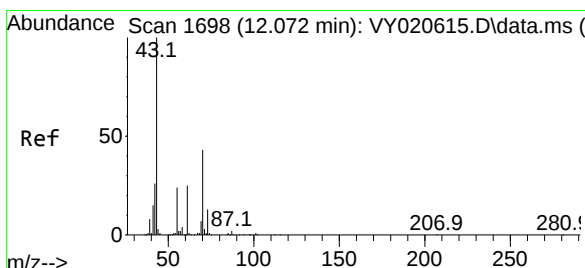
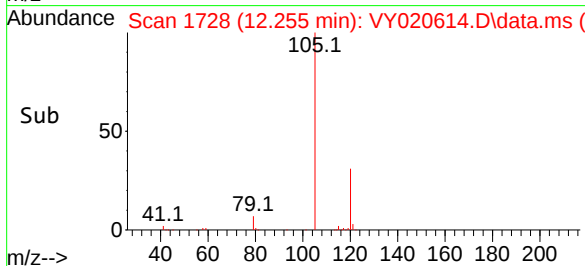
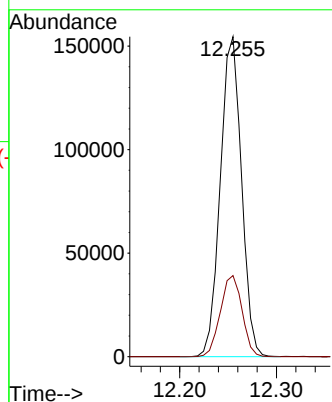
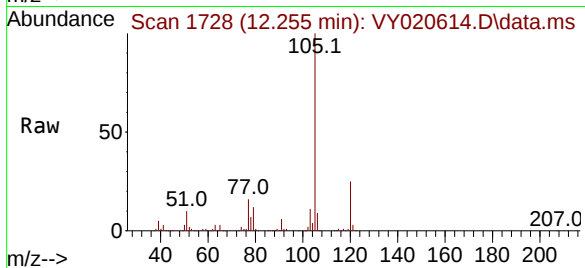
VSTDIC020

Tgt Ion:105 Resp: 234727

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 19.574 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Tgt Ion: 43 Resp: 52699

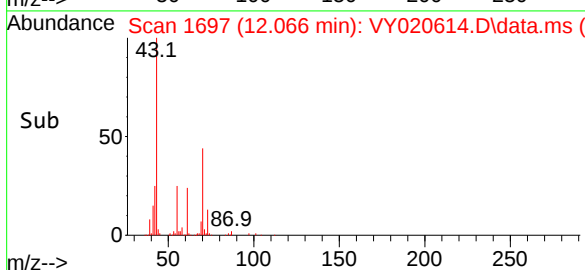
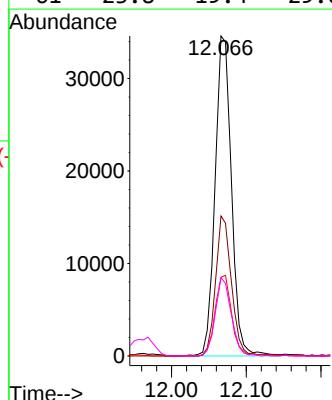
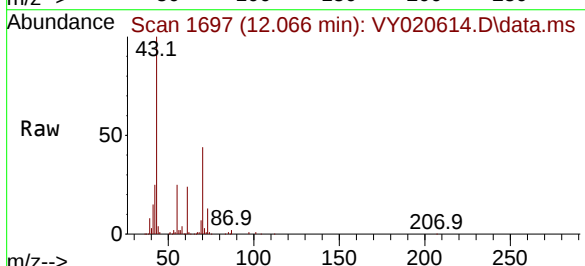
Ion Ratio Lower Upper

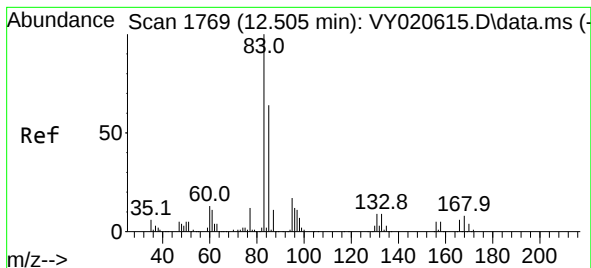
43 100

70 42.5 34.2 51.2

55 25.8 19.6 29.4

61 23.8 19.4 29.0

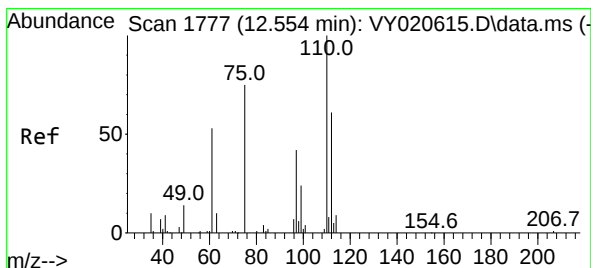
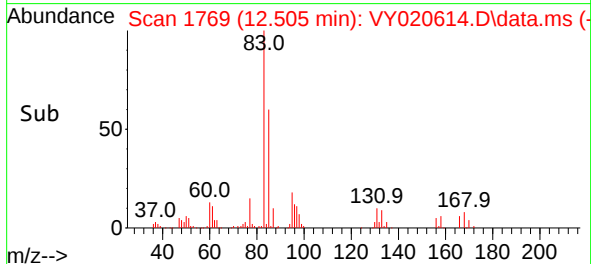
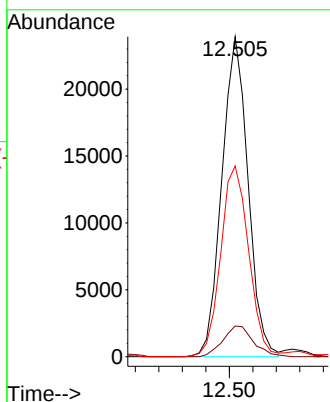
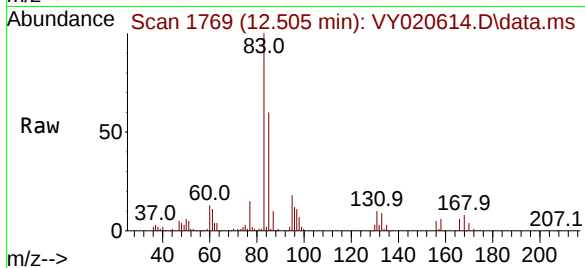




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.813 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020614.D
 Acq: 17 Dec 2024 10:23

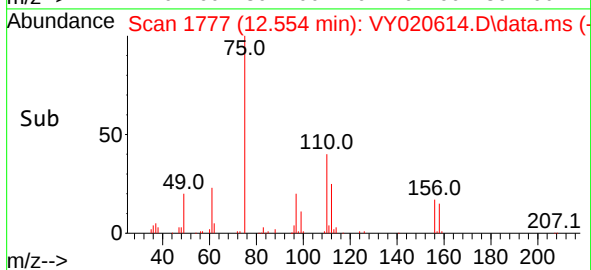
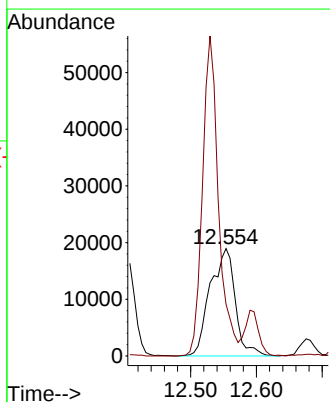
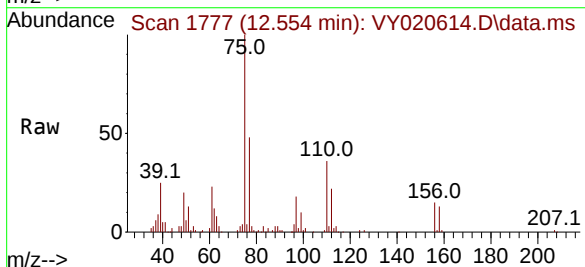
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

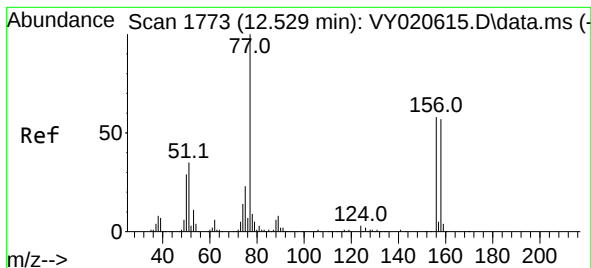
Tgt Ion: 83 Resp: 36998
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.2 15.6
 85 63.6 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 37.046 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY020614.D
 Acq: 17 Dec 2024 10:23

Tgt Ion: 75 Resp: 50299
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.063 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

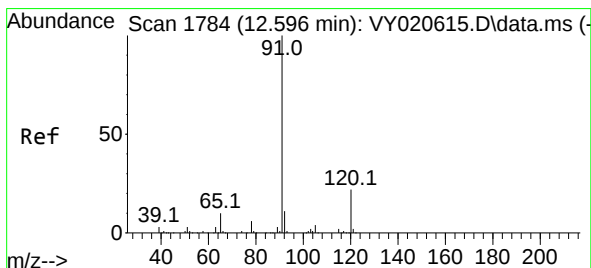
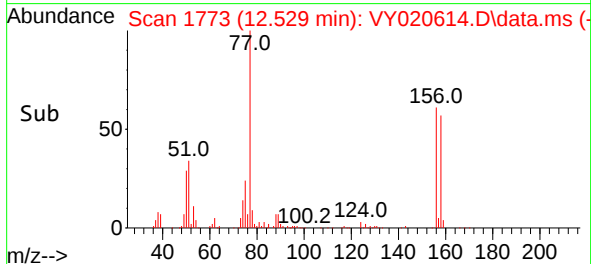
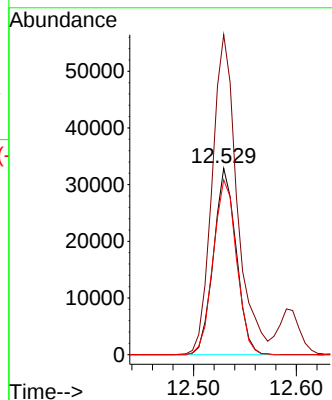
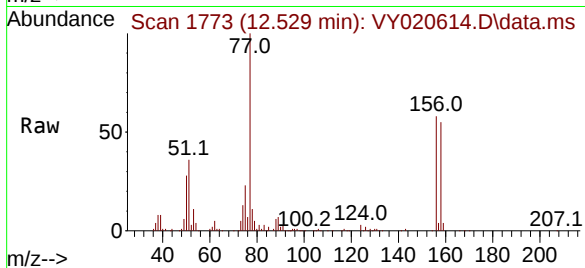
Tgt Ion:156 Resp: 50276

Ion Ratio Lower Upper

156 100

77 190.2 94.2 282.4

158 96.8 48.9 146.6



#78

n-propylbenzene

Concen: 20.534 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020614.D

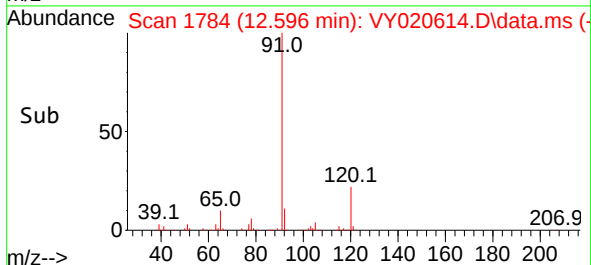
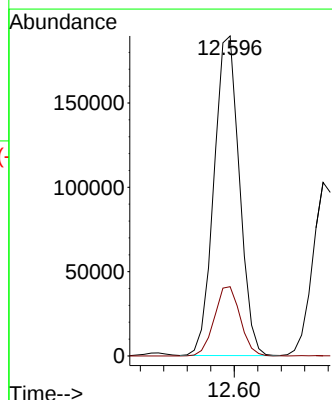
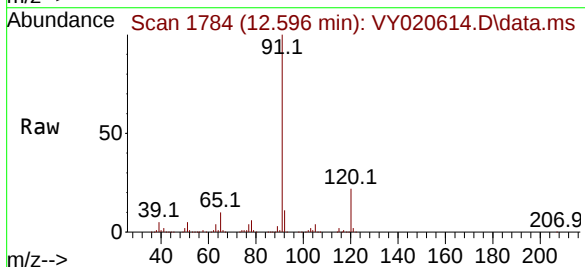
Acq: 17 Dec 2024 10:23

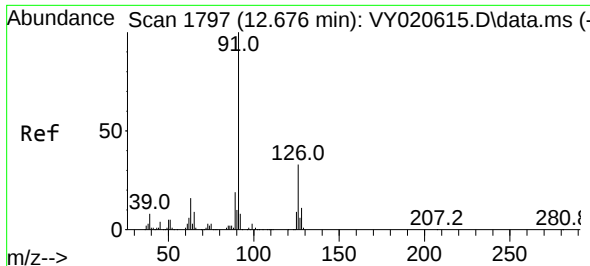
Tgt Ion: 91 Resp: 284604

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1

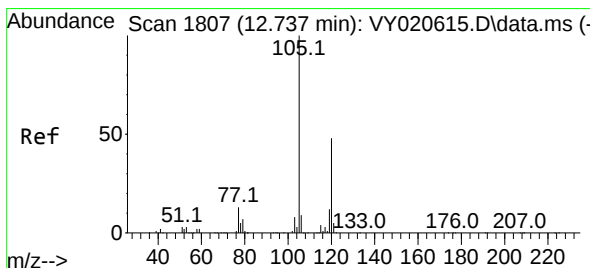
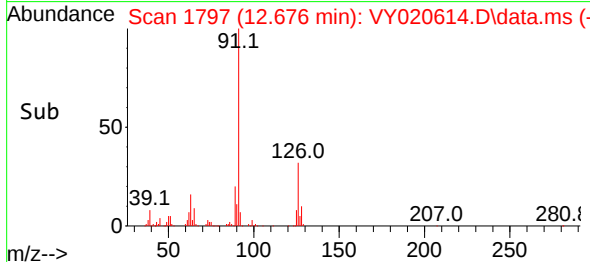
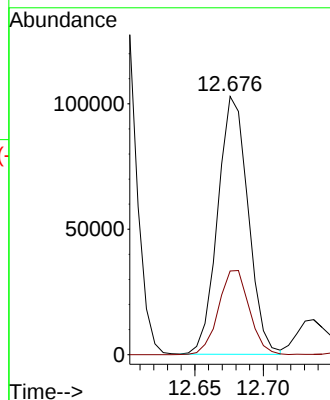
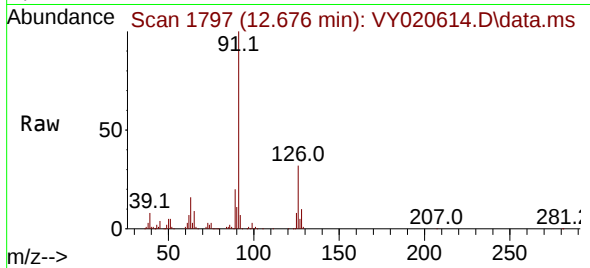




#79
2-Chlorotoluene
Concen: 20.369 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

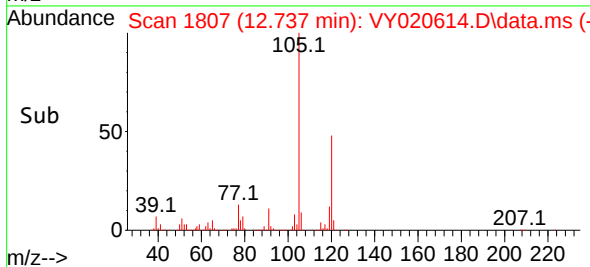
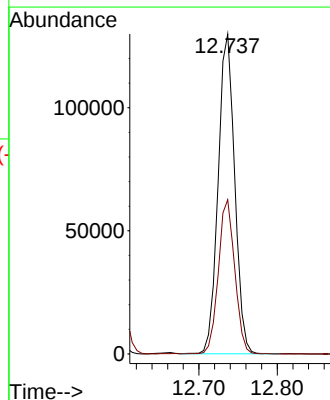
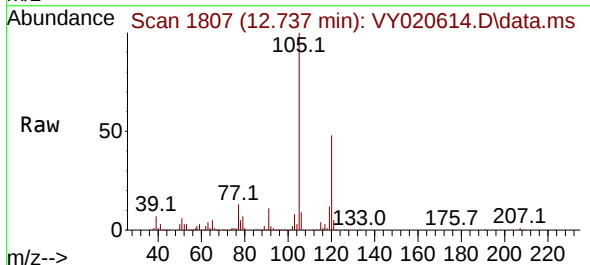
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

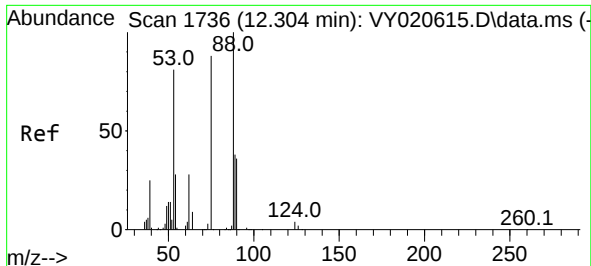
Tgt Ion: 91 Resp: 158834
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.458 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 105 Resp: 190968
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

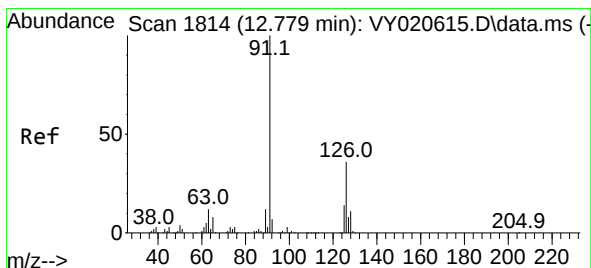
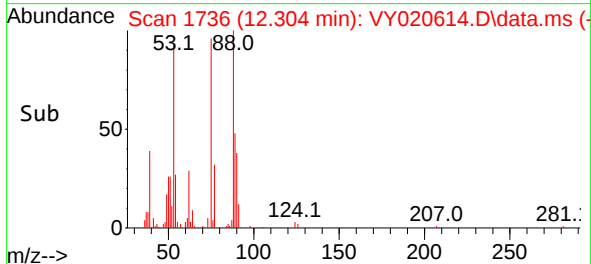
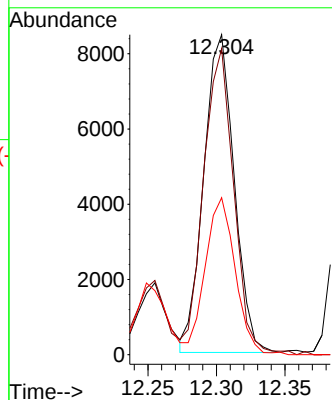
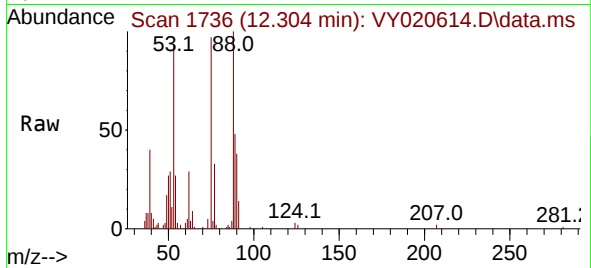




#81
trans-1,4-Dichloro-2-butene
Concen: 19.986 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

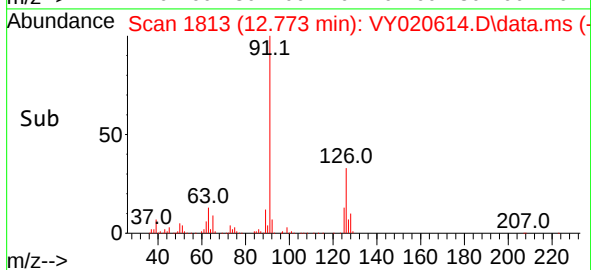
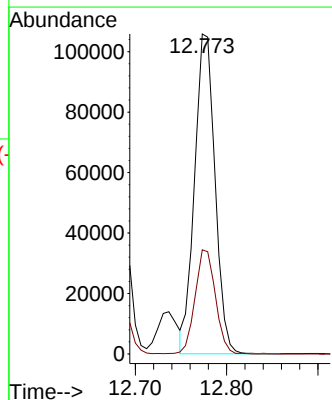
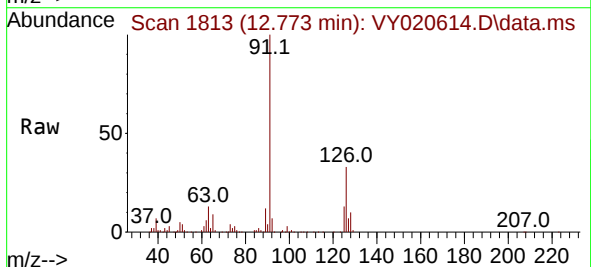
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

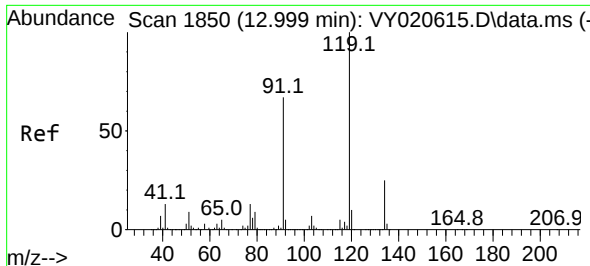
Tgt Ion: 75 Resp: 13039
Ion Ratio Lower Upper
75 100
53 95.8 75.4 113.2
89 49.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.358 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 91 Resp: 164692
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7

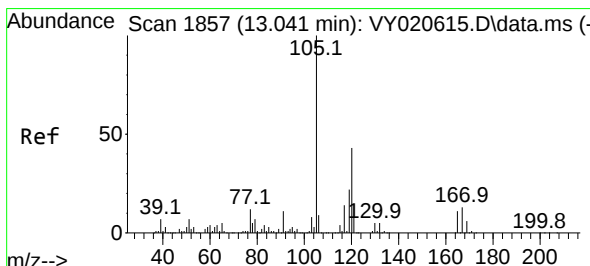
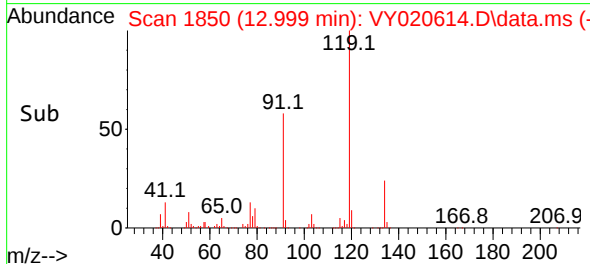
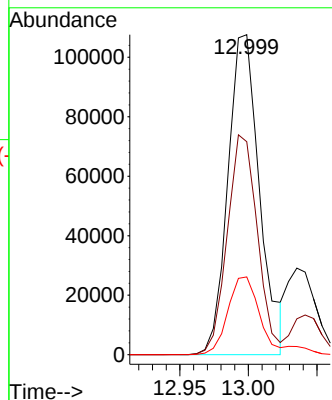
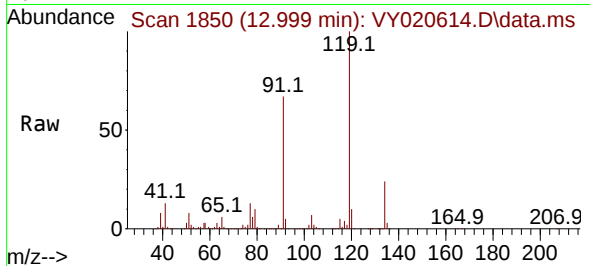




#83
 tert-Butylbenzene
 Concen: 20.507 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY020614.D
 Acq: 17 Dec 2024 10:23

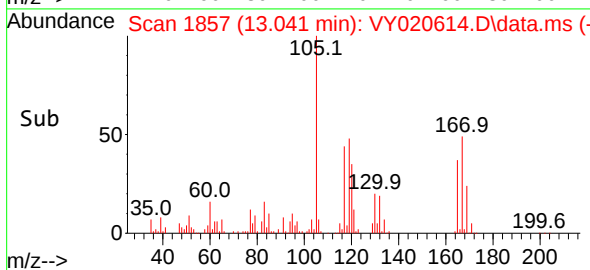
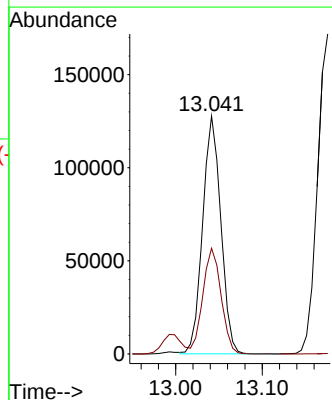
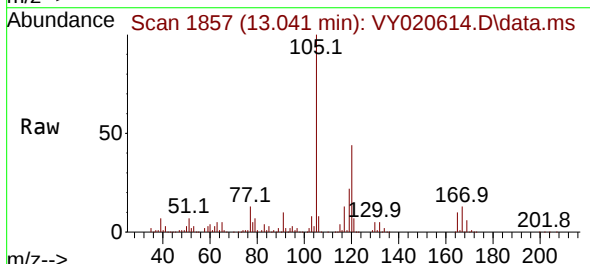
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

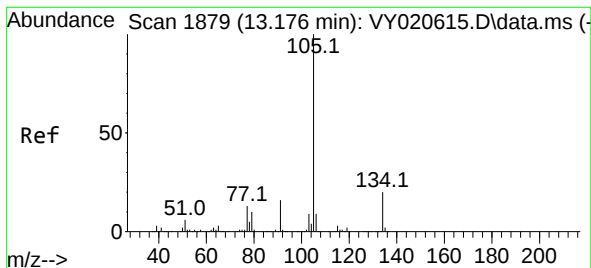
Tgt Ion:119 Resp: 173358
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.9 98.6
 134 25.9 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.352 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY020614.D
 Acq: 17 Dec 2024 10:23

Tgt Ion:105 Resp: 186344
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.8 65.4





#85

sec-Butylbenzene

Concen: 20.492 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

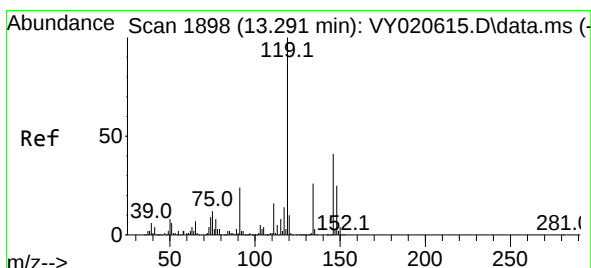
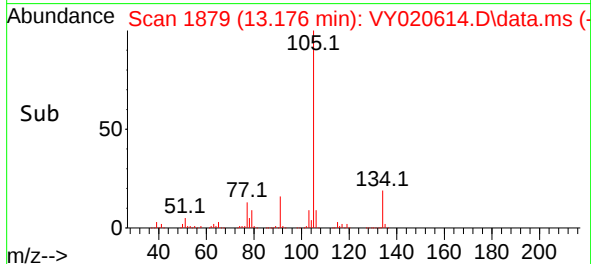
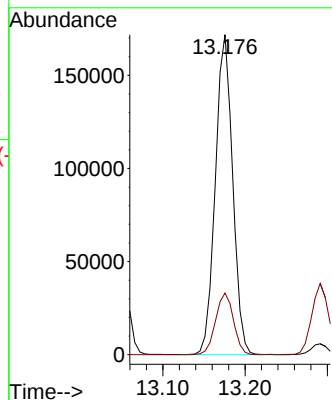
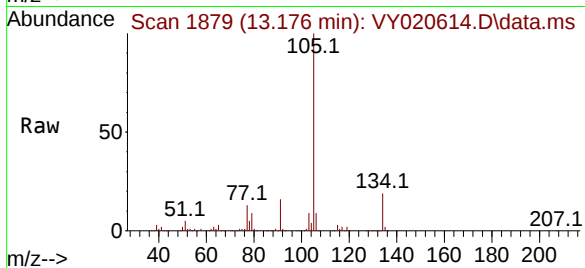
VSTDIC020

Tgt Ion:105 Resp: 251880

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.558 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

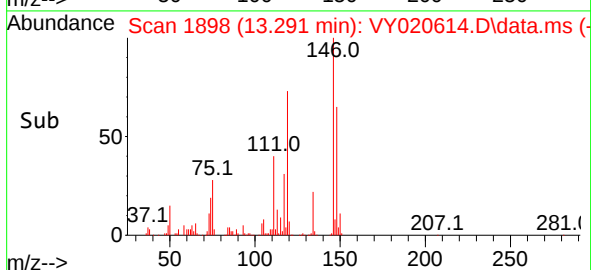
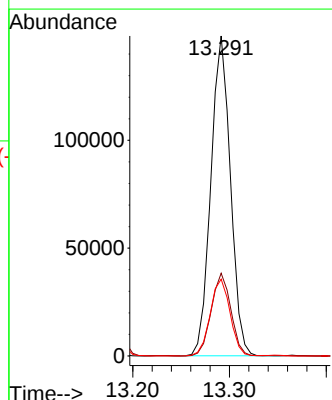
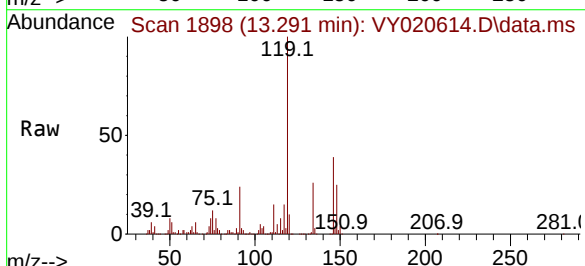
Tgt Ion:119 Resp: 208342

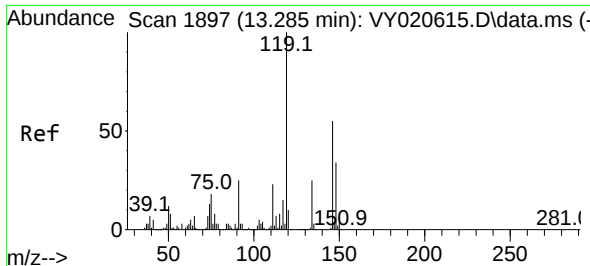
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.380 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

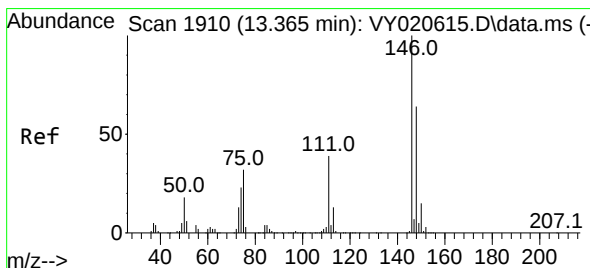
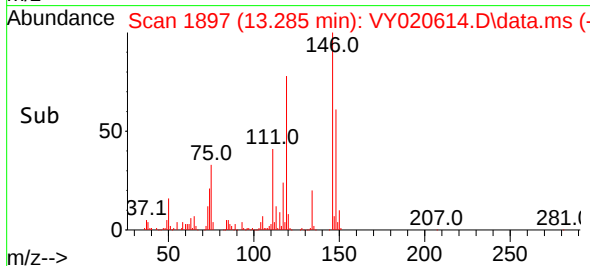
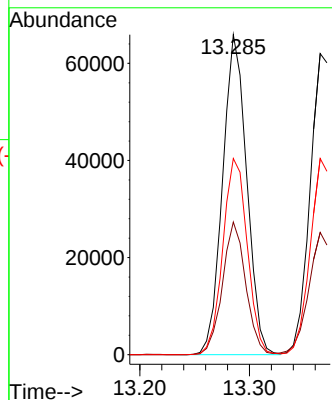
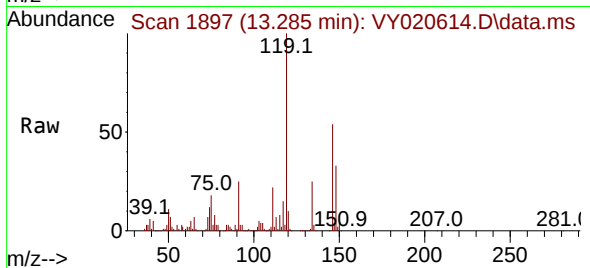
Tgt Ion:146 Resp: 100815

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

148 62.1 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 19.935 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

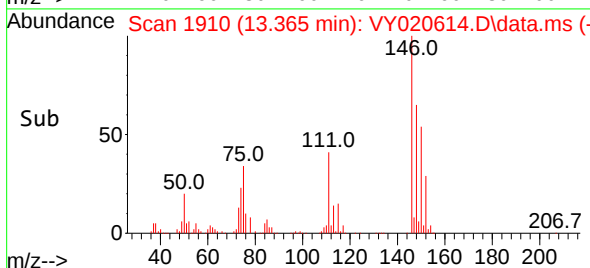
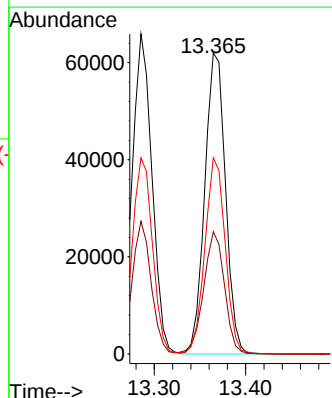
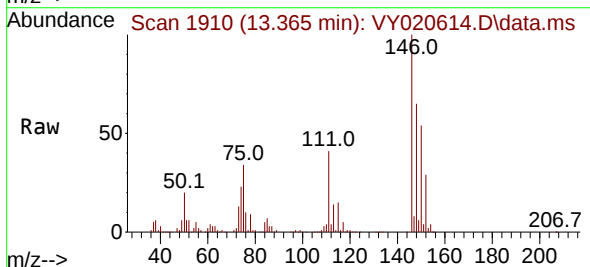
Tgt Ion:146 Resp: 97668

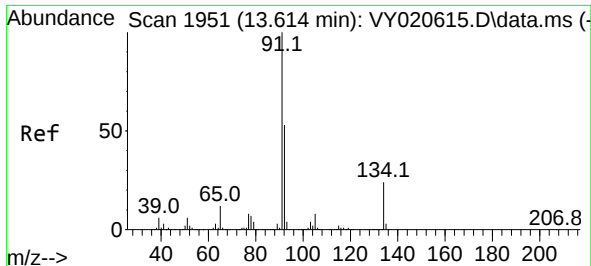
Ion Ratio Lower Upper

146 100

111 40.9 19.6 58.7

148 63.9 31.9 95.5

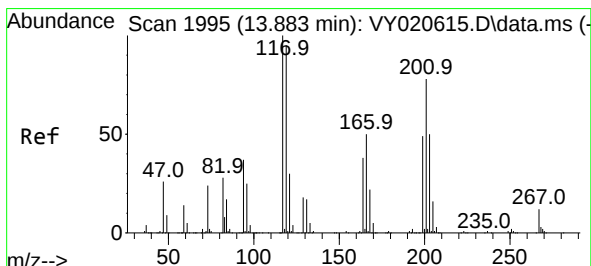
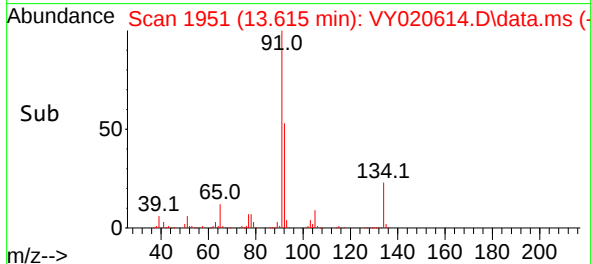
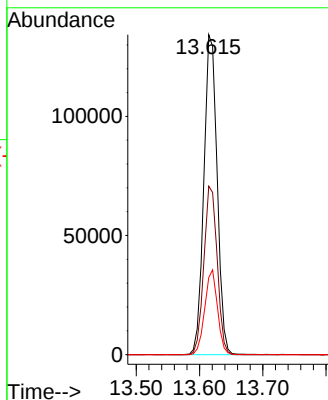
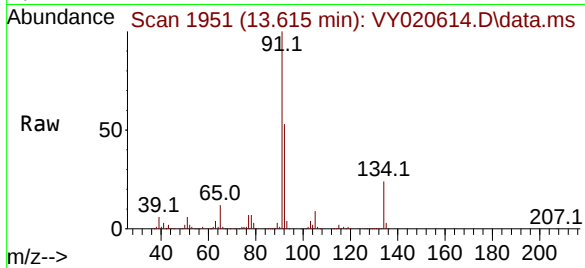




#89
n-Butylbenzene
Concen: 20.511 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

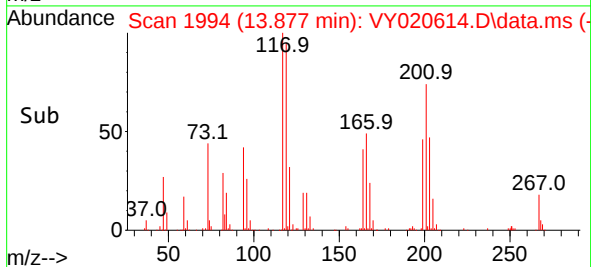
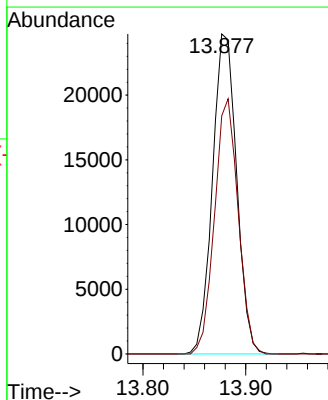
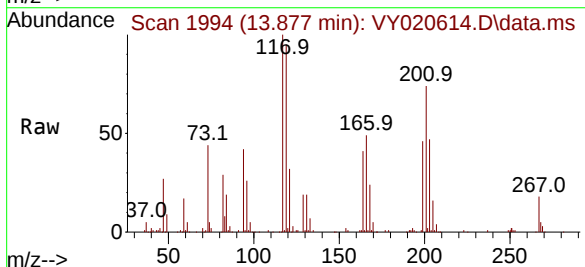
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

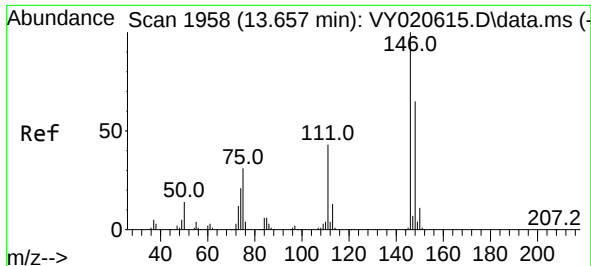
Tgt Ion: 91 Resp: 196997
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 25.4 12.5 37.5



#90
Hexachloroethane
Concen: 20.057 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 117 Resp: 40281
Ion Ratio Lower Upper
117 100
201 77.8 39.1 117.3

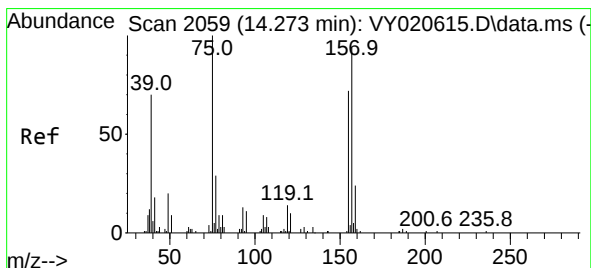
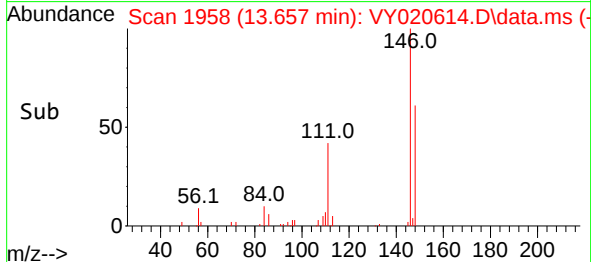
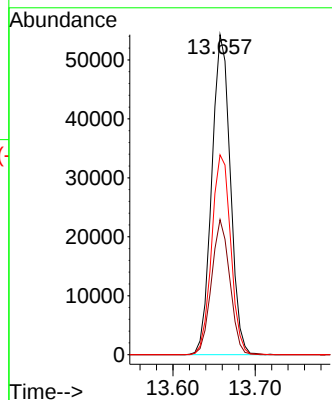
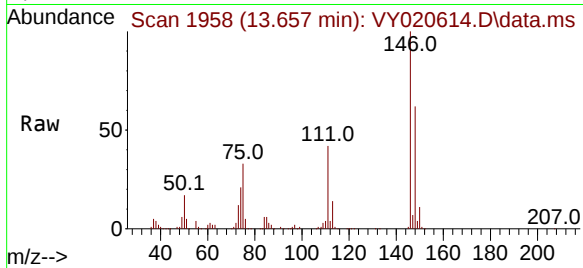




#91
1,2-Dichlorobenzene
Concen: 19.862 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

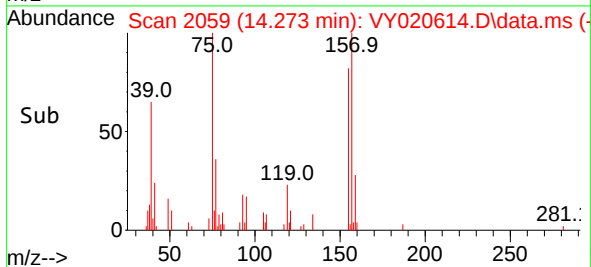
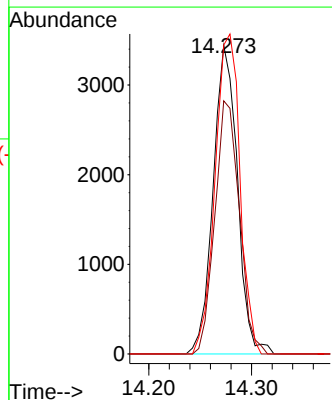
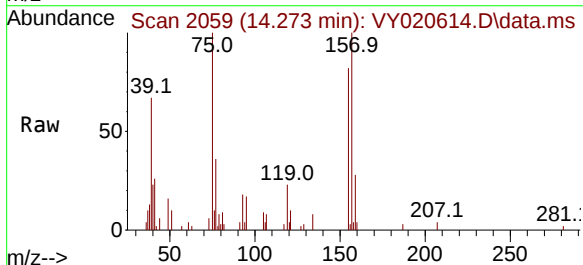
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

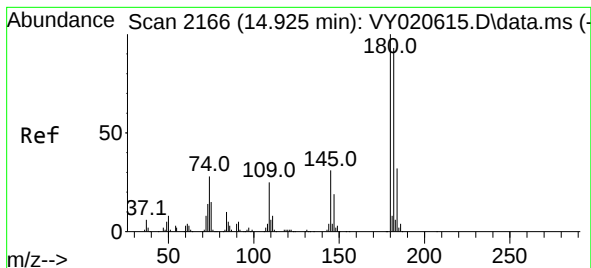
Tgt Ion:146 Resp: 85128
Ion Ratio Lower Upper
146 100
111 41.6 21.3 63.7
148 64.0 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.561 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY020614.D
Acq: 17 Dec 2024 10:23

Tgt Ion: 75 Resp: 5627
Ion Ratio Lower Upper
75 100
155 83.2 41.1 123.3
157 106.5 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 18.850 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

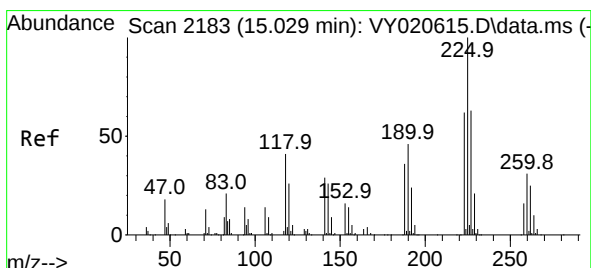
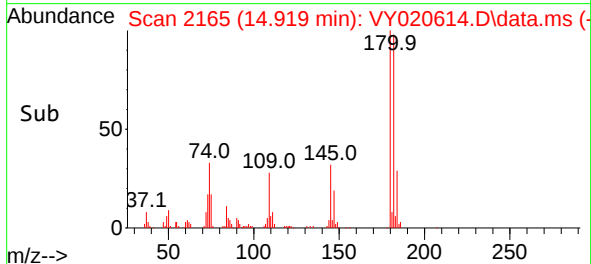
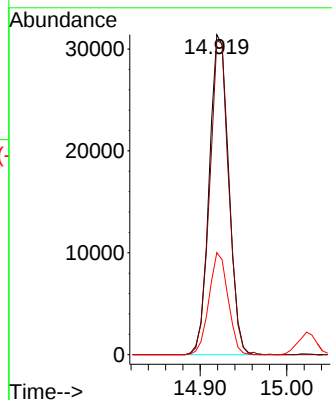
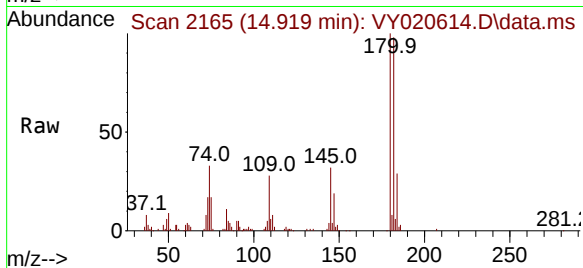
Tgt Ion:180 Resp: 48869

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.6

145 31.3 15.6 46.7



#94

Hexachlorobutadiene

Concen: 19.781 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

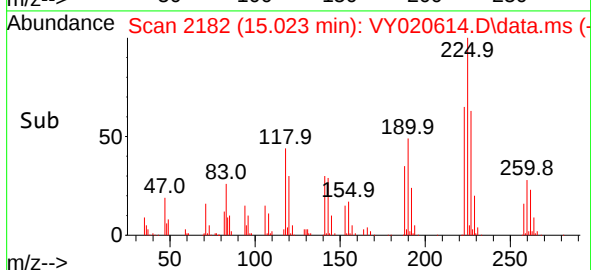
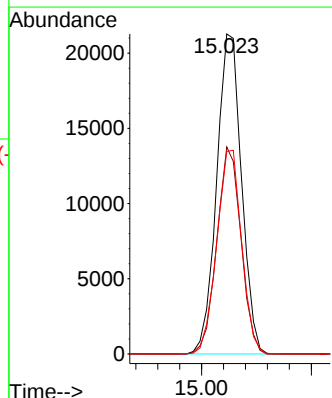
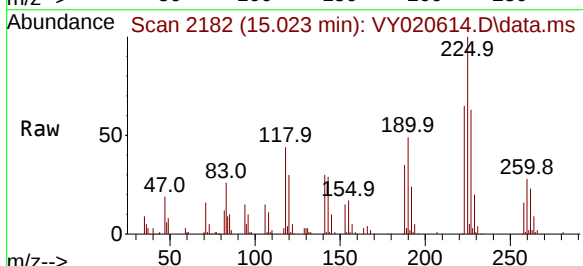
Tgt Ion:225 Resp: 33524

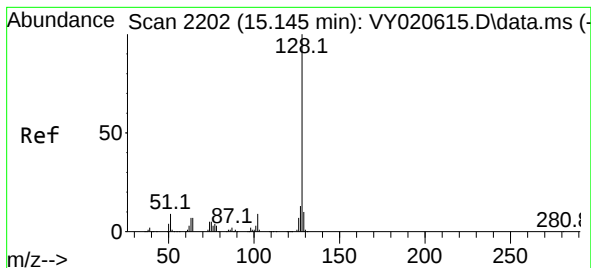
Ion Ratio Lower Upper

225 100

223 62.7 31.8 95.3

227 63.5 32.2 96.6





#95

Naphthalene

Concen: 18.126 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

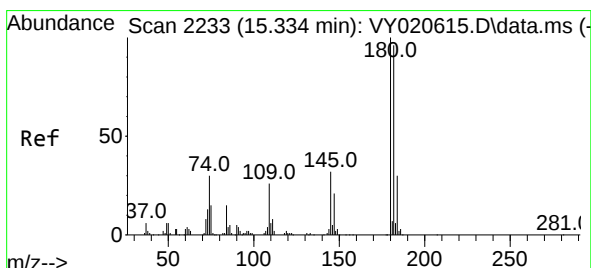
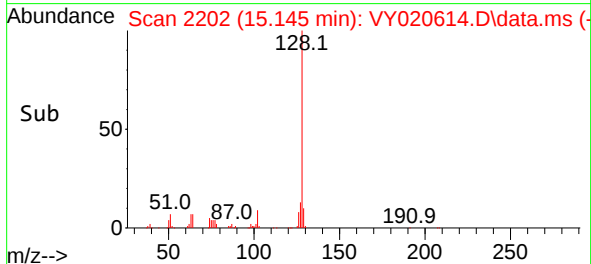
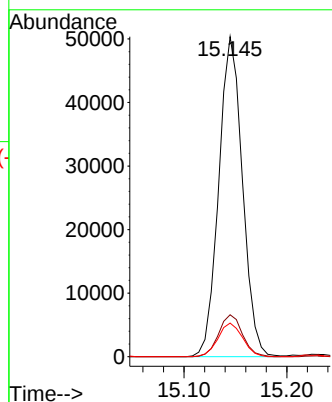
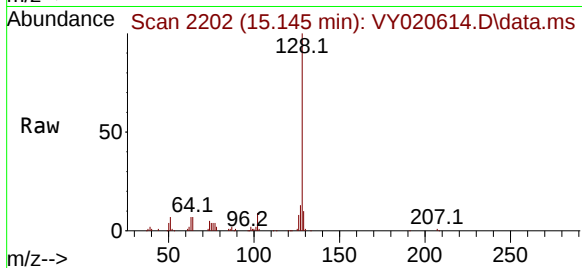
Tgt Ion:128 Resp: 80562

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.031 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY020614.D

Acq: 17 Dec 2024 10:23

Tgt Ion:180 Resp: 41686

Ion Ratio Lower Upper

180 100

182 93.1 47.3 141.9

145 32.6 16.0 48.0

