

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021865.D
 Acq On : 14 Apr 2025 09:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 15 02:39:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	227119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	345464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	159425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115687	47.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.634	113	115837	51.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.380%
50) Toluene-d8	10.109	98	441726	51.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.408	95	150075	52.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	102341	43.475	ug/l	100
3) Chloromethane	2.068	50	146588	44.285	ug/l	99
4) Vinyl Chloride	2.208	62	162515	43.413	ug/l	99
5) Bromomethane	2.598	94	109404	42.850	ug/l	95
6) Chloroethane	2.739	64	109580	44.735	ug/l	100
7) Trichlorofluoromethane	3.062	101	219472	45.768	ug/l	100
8) Diethyl Ether	3.458	74	61352	47.046	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	119238	47.145	ug/l	98
10) Methyl Iodide	4.007	142	147424	53.132	ug/l	98
11) Tert butyl alcohol	4.872	59	32747	204.882	ug/l	98
12) 1,1-Dichloroethene	3.793	96	112278	47.131	ug/l	99
13) Acrolein	3.653	56	15783	54.080	ug/l	98
14) Allyl chloride	4.385	41	178258	46.931	ug/l	98
15) Acrylonitrile	5.061	53	125717	230.885	ug/l	99
16) Acetone	3.872	43	120567	239.400	ug/l	96
17) Carbon Disulfide	4.110	76	345924	44.087	ug/l	99
18) Methyl Acetate	4.385	43	69637	55.791	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	290336	48.952	ug/l	97
20) Methylene Chloride	4.616	84	126601	51.488	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	126292	48.149	ug/l	99
22) Diisopropyl ether	6.025	45	391830	49.176	ug/l	97
23) Vinyl Acetate	5.964	43	1071729	229.924	ug/l	98
24) 1,1-Dichloroethane	5.921	63	229324	48.133	ug/l	100
25) 2-Butanone	6.896	43	166038	230.823	ug/l	97
26) 2,2-Dichloropropane	6.890	77	208331	49.157	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	146789	49.764	ug/l	99
28) Bromochloromethane	7.250	49	97038	48.294	ug/l	95
29) Tetrahydrofuran	7.268	42	104240	225.163	ug/l	97
30) Chloroform	7.421	83	244481	49.336	ug/l	99
31) Cyclohexane	7.701	56	187535	43.180	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	217748	48.617	ug/l	99
36) 1,1-Dichloropropene	7.835	75	168755	49.440	ug/l	99
37) Ethyl Acetate	6.988	43	71031	44.094	ug/l	99
38) Carbon Tetrachloride	7.823	117	199343	50.990	ug/l	98
39) Methylcyclohexane	9.115	83	201616	49.445	ug/l	98
40) Benzene	8.085	78	519123	50.784	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	41257	48.225	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	142953	49.606	ug/l	99
43) Isopropyl Acetate	8.201	43	142195	46.579	ug/l	99
44) Trichloroethene	8.865	130	135468	52.013	ug/l	99
45) 1,2-Dichloropropane	9.146	63	123348	50.978	ug/l	99
46) Dibromomethane	9.231	93	70737	50.726	ug/l	99
47) Bromodichloromethane	9.426	83	185157	51.242	ug/l	98
48) Methyl methacrylate	9.225	41	69769	49.796	ug/l	99
49) 1,4-Dioxane	9.231	88	13787	922.911	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	388946	244.827	ug/l	100
52) Toluene	10.176	92	336388	52.745	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	163891	51.064	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	191100	50.471	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	91440	50.954	ug/l	98
56) Ethyl methacrylate	10.438	69	121285	52.930	ug/l	97
57) 1,3-Dichloropropane	10.719	76	158920	51.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	307637	275.207	ug/l	99
59) 2-Hexanone	10.761	43	264879	250.353	ug/l	99
60) Dibromochloromethane	10.914	129	129283	52.765	ug/l	100
61) 1,2-Dibromoethane	11.018	107	88032	52.293	ug/l	100
64) Tetrachloroethene	10.652	164	153104	53.734	ug/l	95
65) Chlorobenzene	11.444	112	367499	51.245	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	132378	52.027	ug/l	100
67) Ethyl Benzene	11.524	91	640735	52.103	ug/l	100
68) m/p-Xylenes	11.633	106	495694	105.265	ug/l	99
69) o-Xylene	11.956	106	229716	52.847	ug/l	99
70) Styrene	11.975	104	393525	54.298	ug/l	98
71) Bromoform	12.133	173	75083	51.732	ug/l #	100
73) Isopropylbenzene	12.255	105	615291	51.962	ug/l	100
74) N-amyl acetate	12.072	43	127282	45.802	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	98873	46.443	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	136450	86.344	ug/l #	100
77) Bromobenzene	12.536	156	147195	51.774	ug/l	96
78) n-propylbenzene	12.597	91	733693	51.539	ug/l	99
79) 2-Chlorotoluene	12.682	91	425523	51.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	502060	51.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31758	46.305	ug/l	98
82) 4-Chlorotoluene	12.779	91	436702	50.660	ug/l	99
83) tert-Butylbenzene	12.999	119	451961	52.433	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	503039	52.592	ug/l	100
85) sec-Butylbenzene	13.176	105	651160	51.692	ug/l	100
86) p-Isopropyltoluene	13.291	119	554291	53.238	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	288993	51.594	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	283291	51.190	ug/l	99
89) n-Butylbenzene	13.621	91	504309	52.376	ug/l	100
90) Hexachloroethane	13.883	117	116086	50.880	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	251779	51.637	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15111	45.796	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	144623	54.694	ug/l	100
94) Hexachlorobutadiene	15.029	225	89209	54.020	ug/l	98
95) Naphthalene	15.151	128	237089	54.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	122762	54.443	ug/l	99

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ClientSampleId :
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QLast Update : Fri Mar 28 02:30:29 2025
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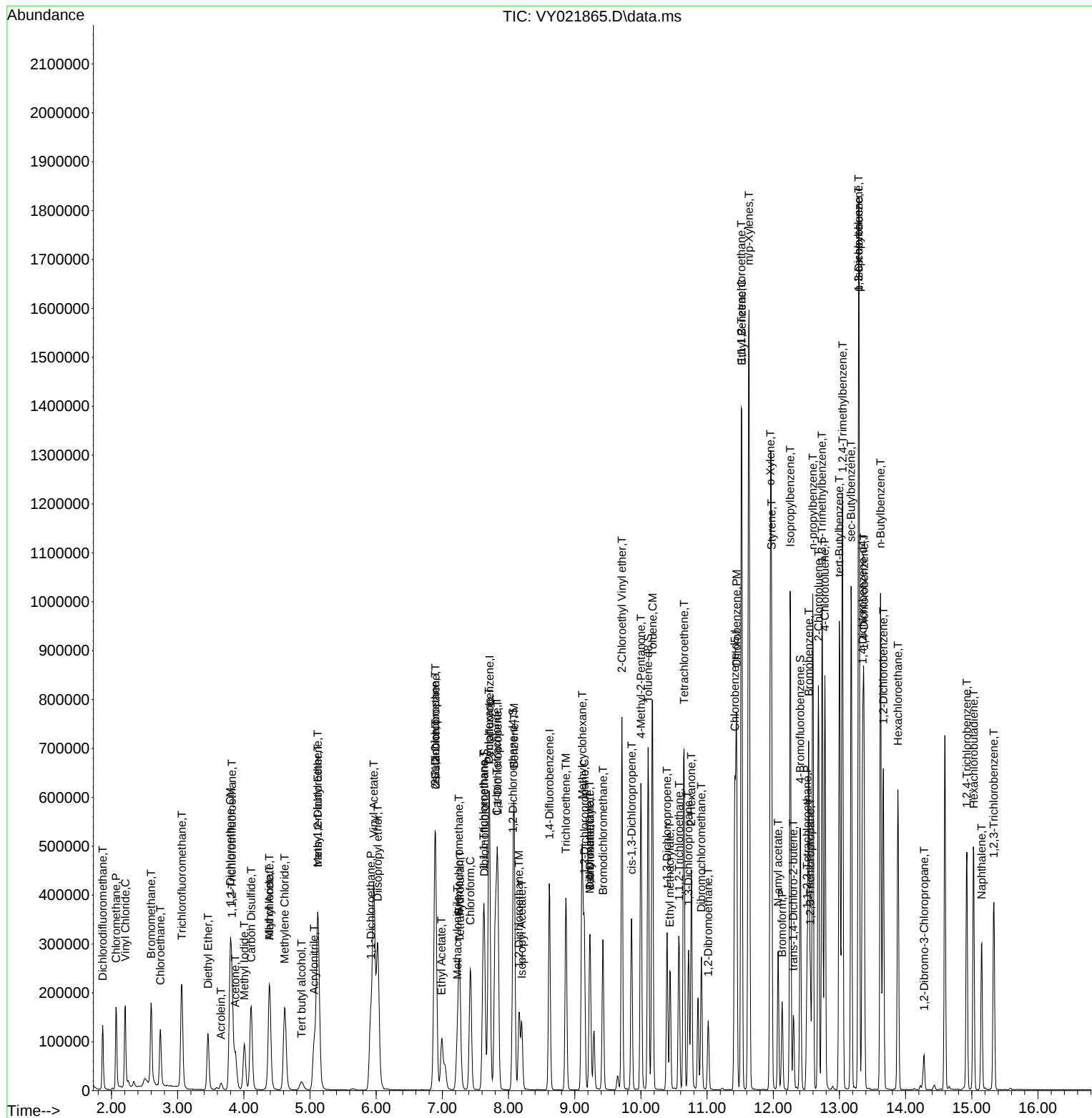
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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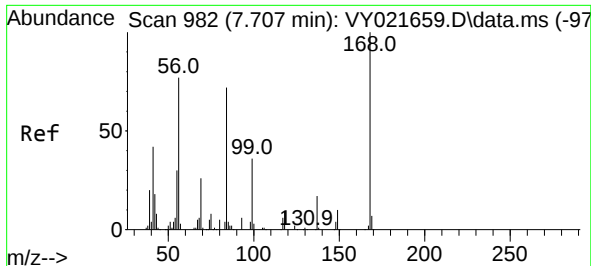
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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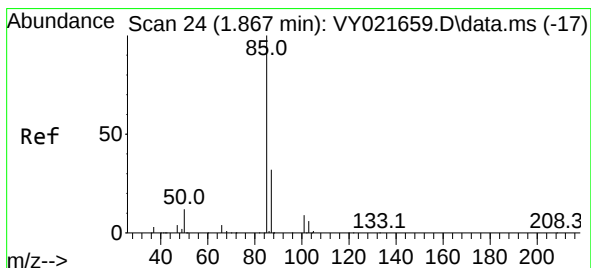
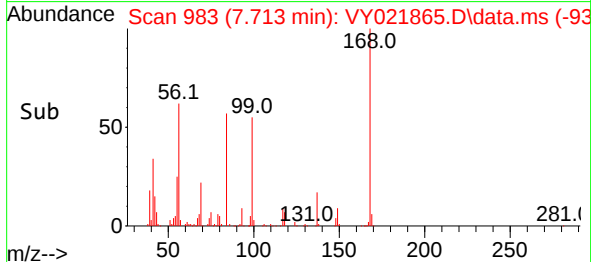
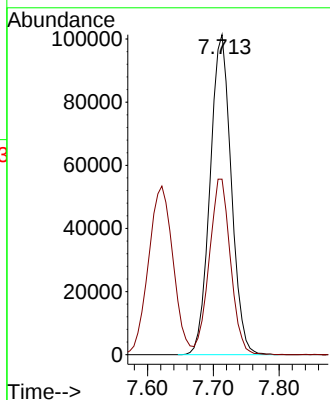
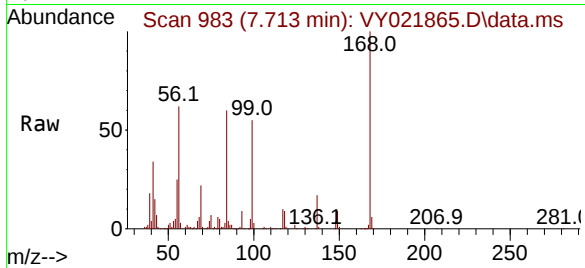




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021865.D
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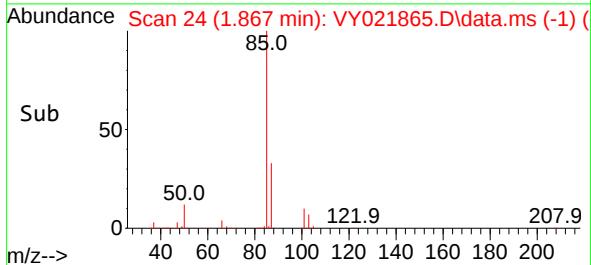
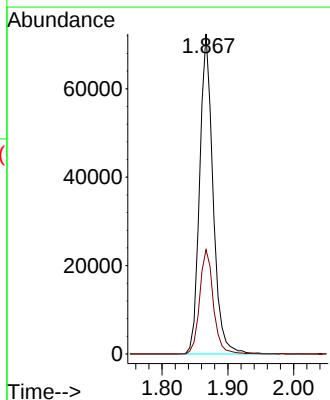
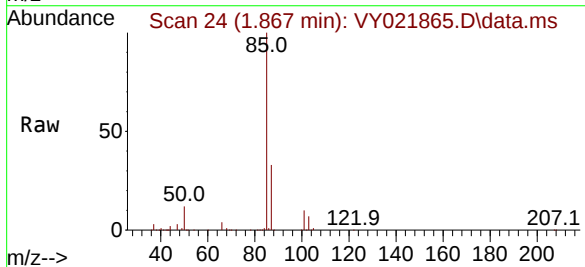
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

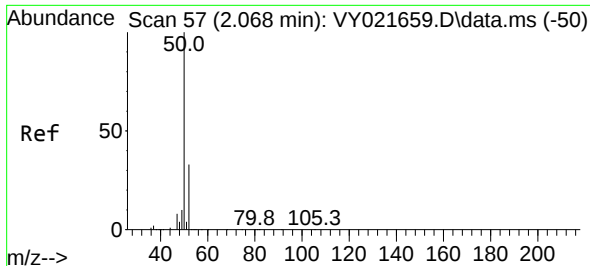
Tgt Ion:168 Resp: 227119
Ion Ratio Lower Upper
168 100
99 54.8 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 43.475 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 85 Resp: 102341
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6

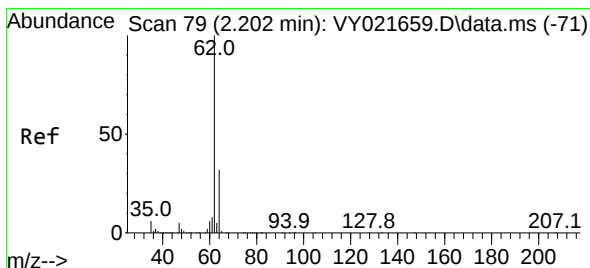
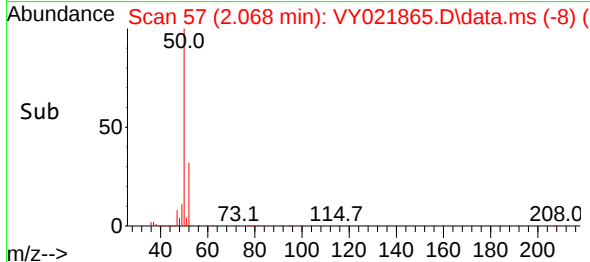
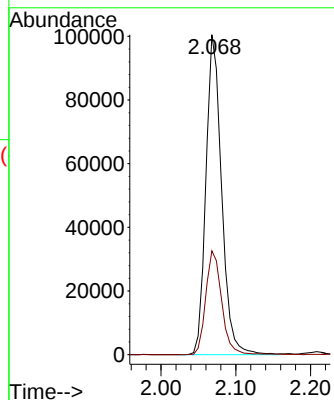
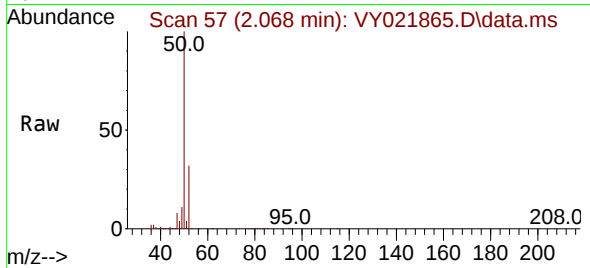




#3
Chloromethane
Concen: 44.285 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

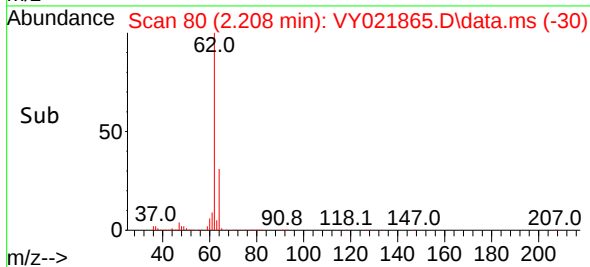
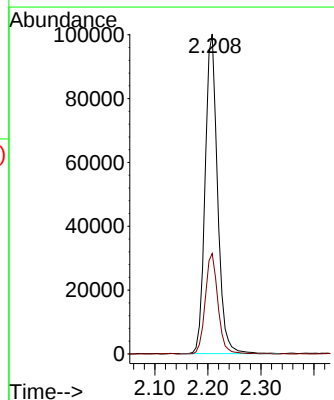
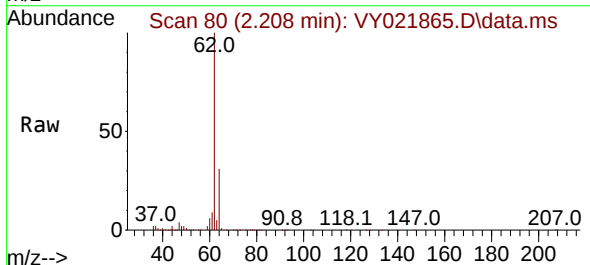
Instrument :
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ClientSampleId :
VSTDCCC050

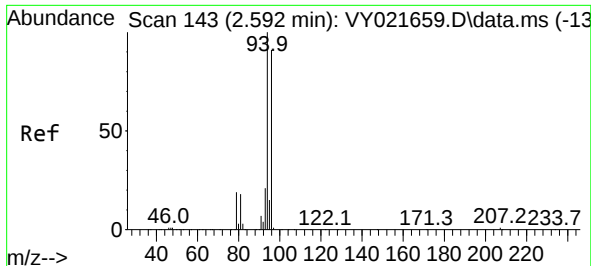
Tgt Ion: 50 Resp: 146588
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 43.413 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 62 Resp: 162515
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3

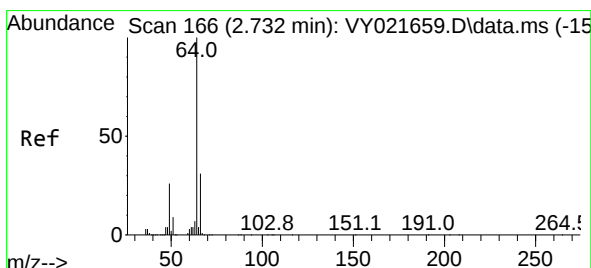
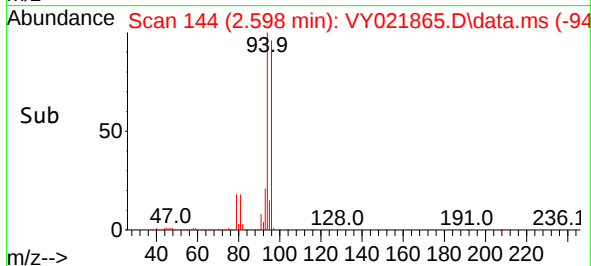
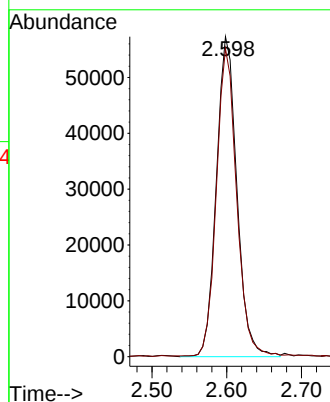
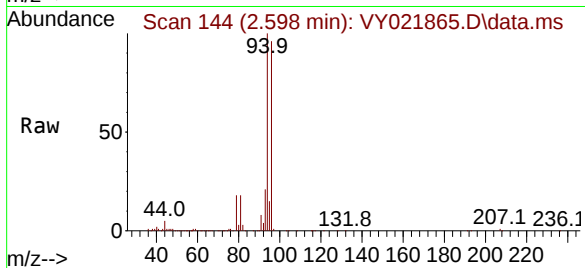




#5
Bromomethane
Concen: 42.850 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021865.D
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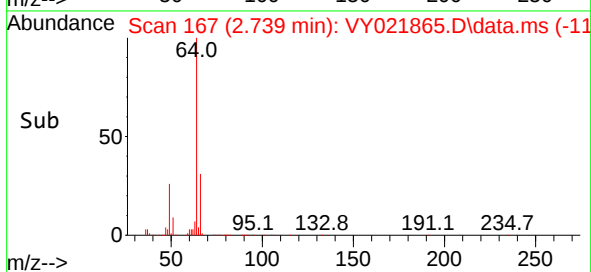
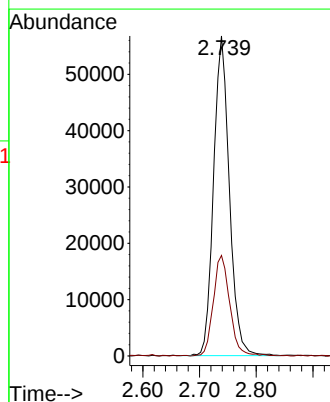
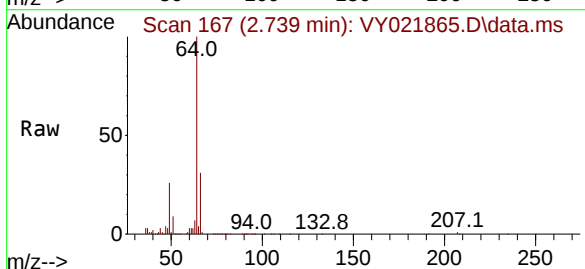
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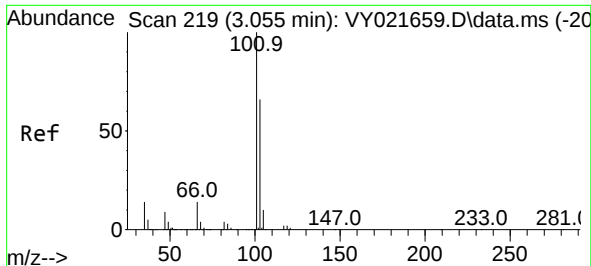
Tgt Ion: 94 Resp: 109404
Ion Ratio Lower Upper
94 100
96 96.0 72.8 109.2



#6
Chloroethane
Concen: 44.735 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021865.D
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Tgt Ion: 64 Resp: 109580
Ion Ratio Lower Upper
64 100
66 31.3 24.9 37.3

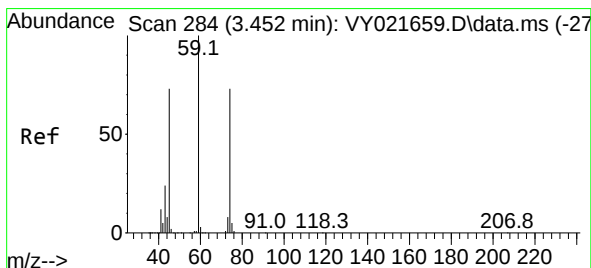
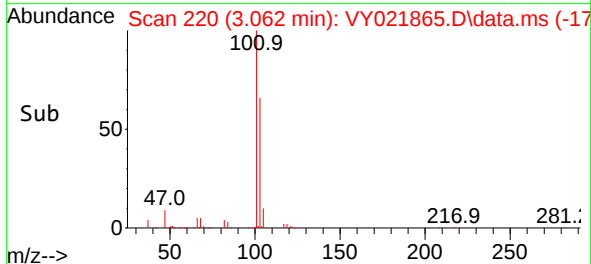
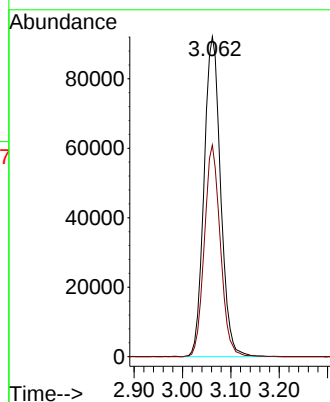
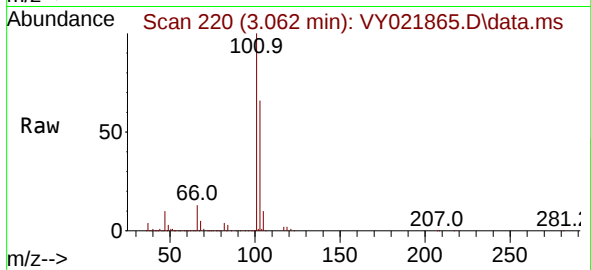




#7
Trichlorofluoromethane
Concen: 45.768 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

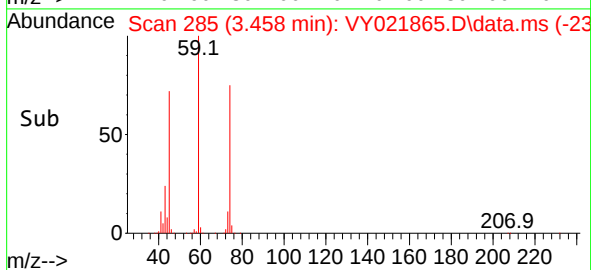
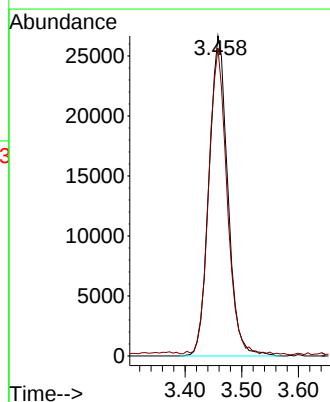
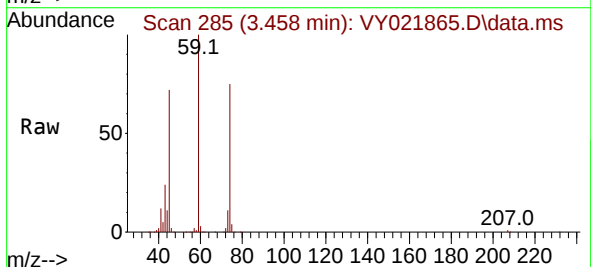
Instrument :
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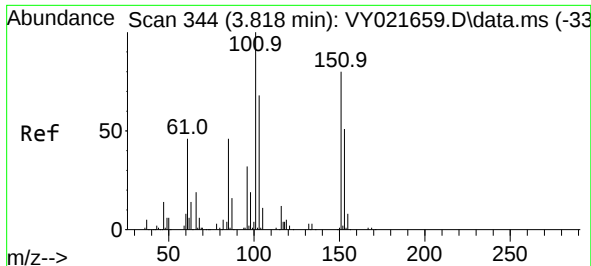
Tgt Ion:101 Resp: 219472
Ion Ratio Lower Upper
101 100
103 66.1 53.1 79.7



#8
Diethyl Ether
Concen: 47.046 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021865.D
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Tgt Ion: 74 Resp: 61352
Ion Ratio Lower Upper
74 100
45 94.4 48.6 145.8

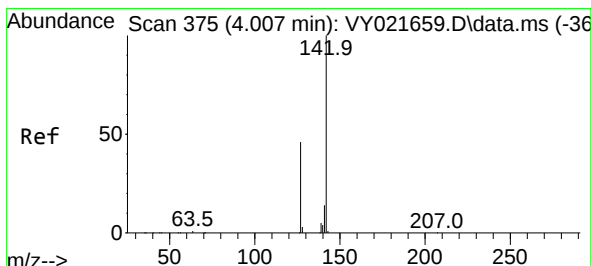
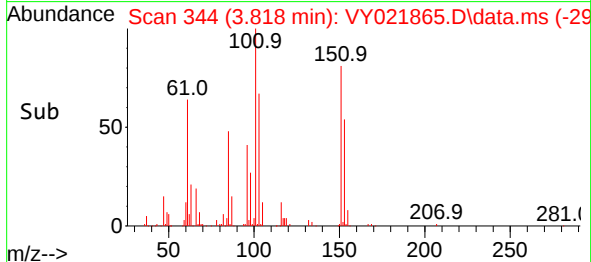
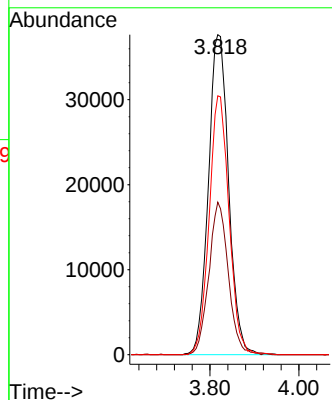
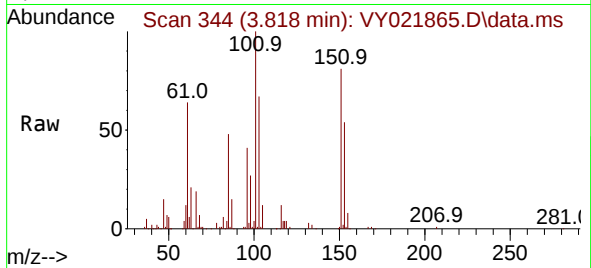




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.145 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

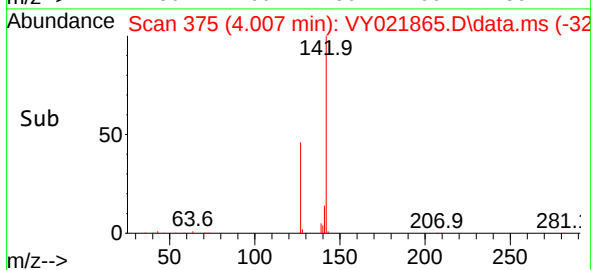
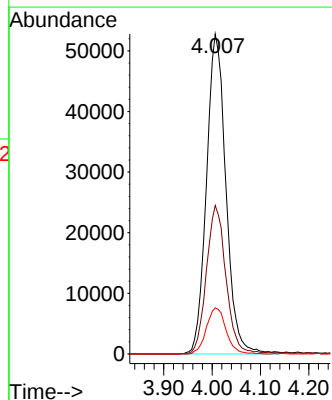
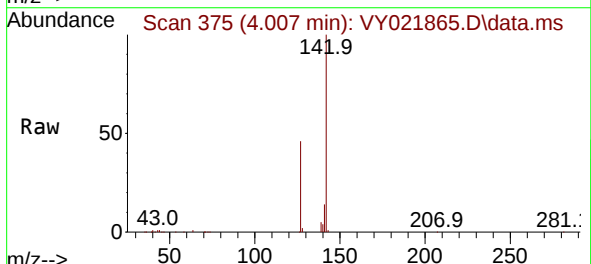
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

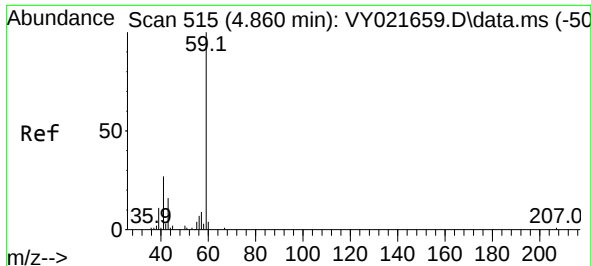
Tgt Ion:101 Resp: 119238
Ion Ratio Lower Upper
101 100
85 45.8 36.3 54.5
151 79.3 61.3 91.9



#10
Methyl Iodide
Concen: 53.132 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion:142 Resp: 147424
Ion Ratio Lower Upper
142 100
127 46.5 38.7 58.1
141 14.6 11.5 17.3

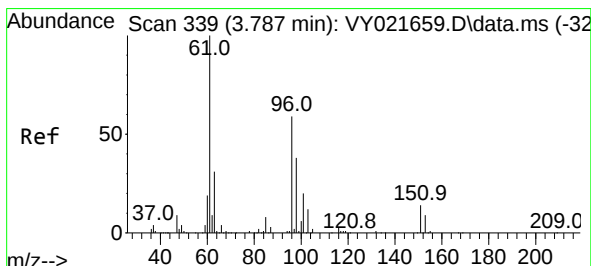
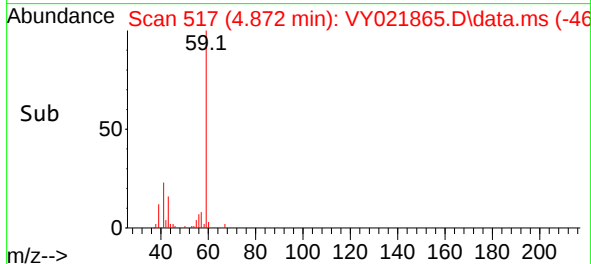
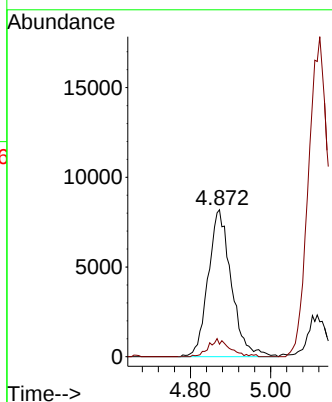
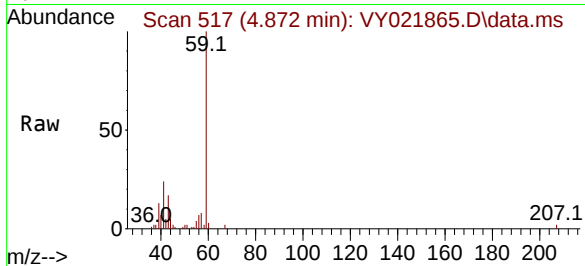




#11
Tert butyl alcohol
Concen: 204.882 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

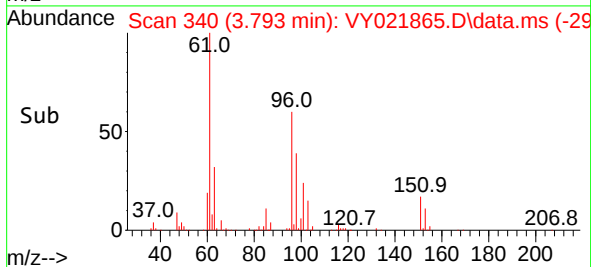
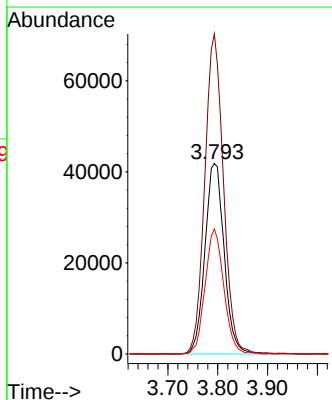
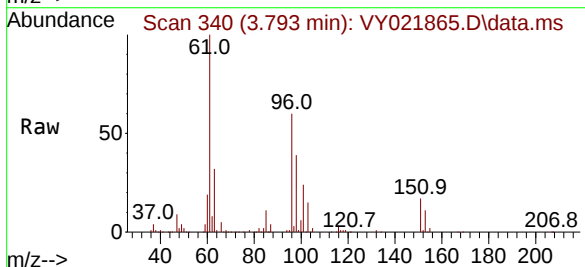
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

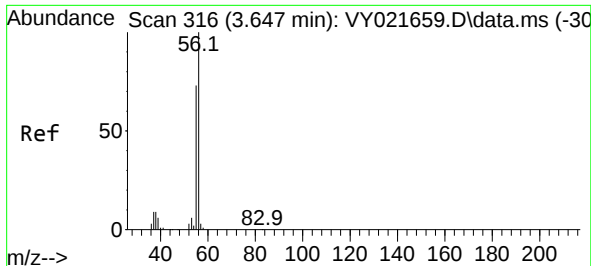
Tgt Ion: 59 Resp: 32747
Ion Ratio Lower Upper
59 100
57 10.6 9.2 13.8



#12
1,1-Dichloroethene
Concen: 47.131 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 96 Resp: 112278
Ion Ratio Lower Upper
96 100
61 168.1 136.6 204.8
98 65.6 52.3 78.5

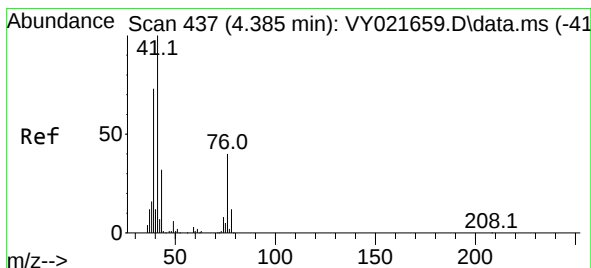
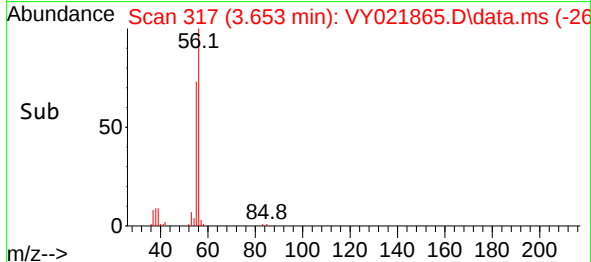
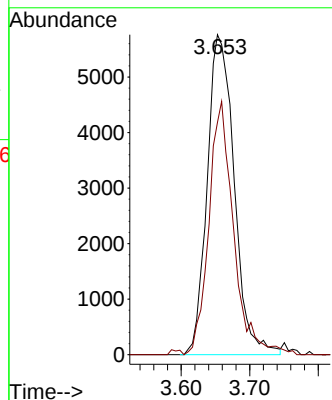
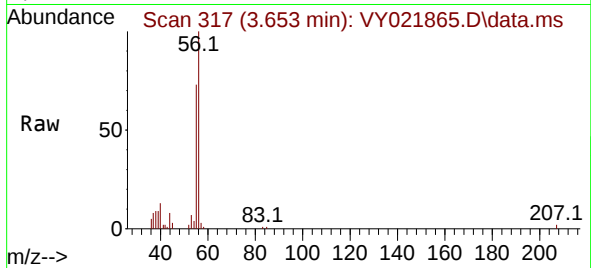




#13
Acrolein
Concen: 54.080 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

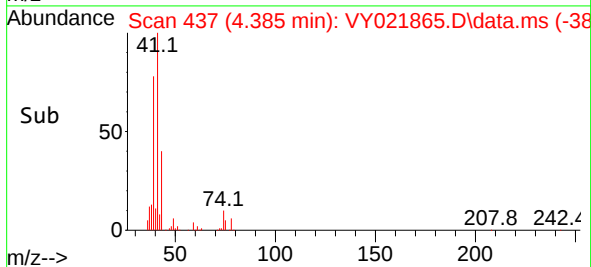
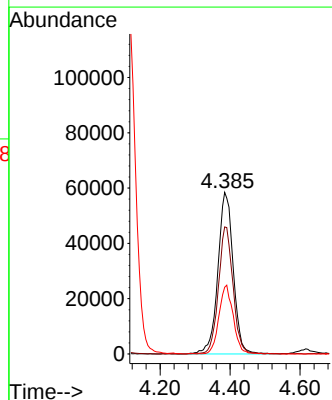
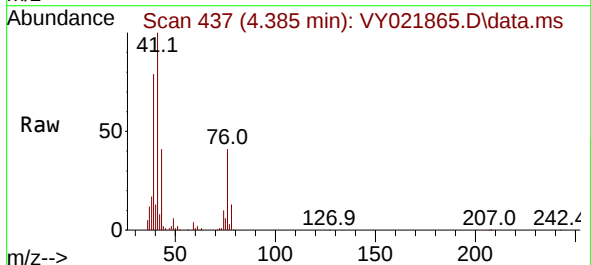
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

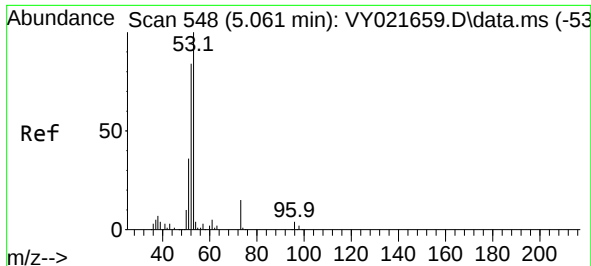
Tgt Ion: 56 Resp: 15783
Ion Ratio Lower Upper
56 100
55 72.5 56.6 85.0



#14
Allyl chloride
Concen: 46.931 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 41 Resp: 178258
Ion Ratio Lower Upper
41 100
39 74.6 58.6 88.0
76 39.4 30.3 45.5

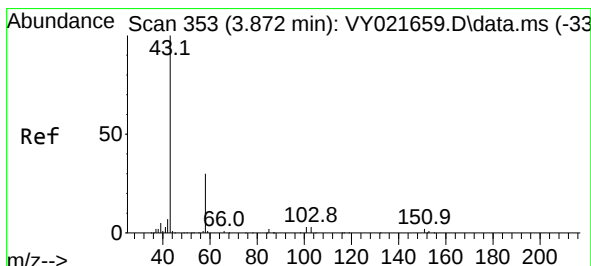
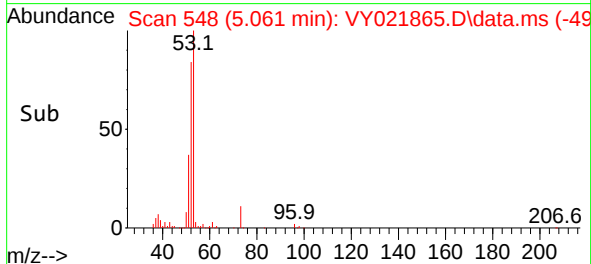
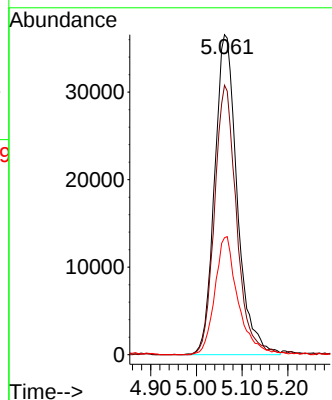
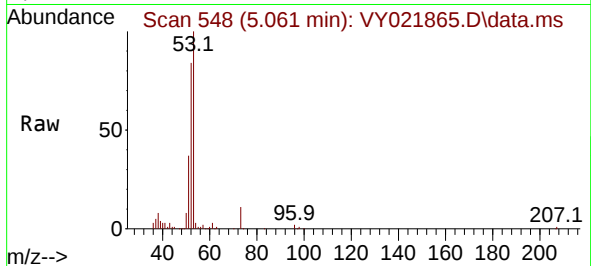




#15
Acrylonitrile
Concen: 230.885 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

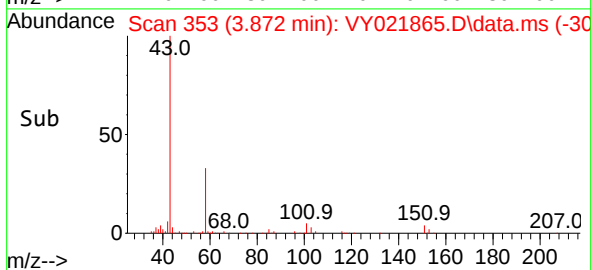
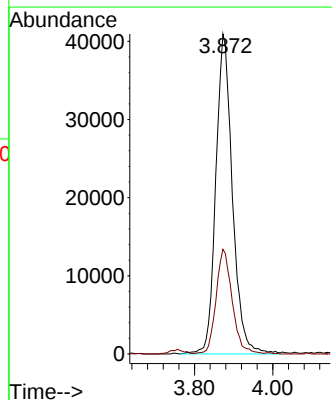
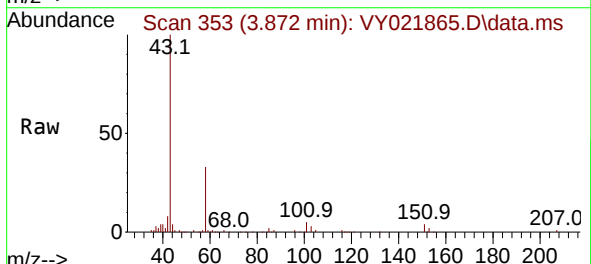
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

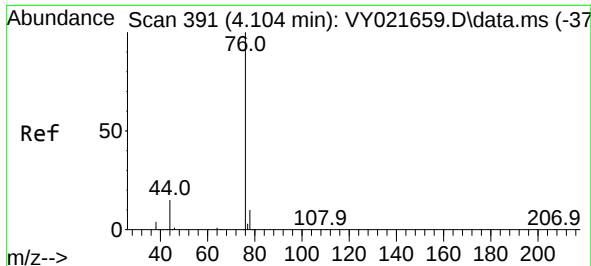
Tgt Ion: 53 Resp: 125717
Ion Ratio Lower Upper
53 100
52 82.1 64.9 97.3
51 37.9 30.2 45.2



#16
Acetone
Concen: 239.400 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 43 Resp: 120567
Ion Ratio Lower Upper
43 100
58 32.7 24.2 36.4

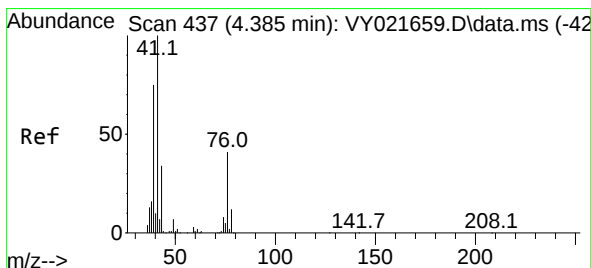
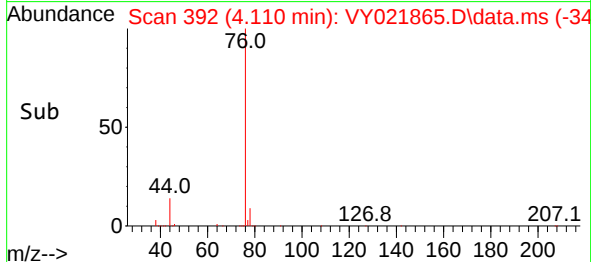
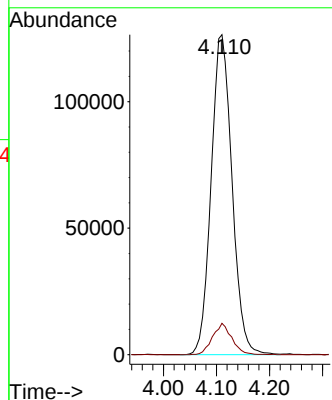
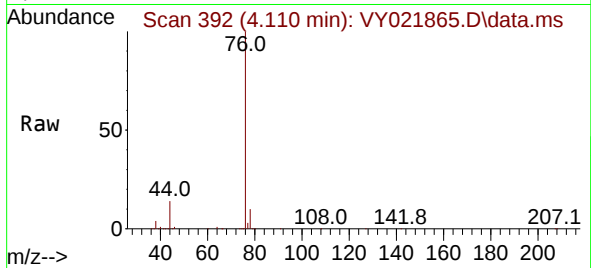




#17
Carbon Disulfide
Concen: 44.087 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

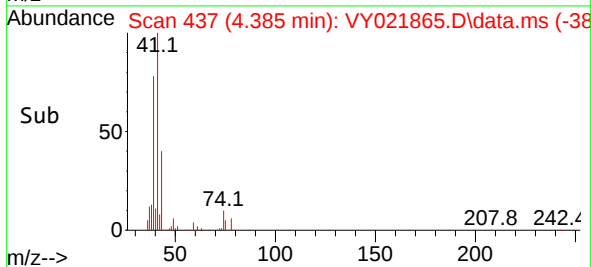
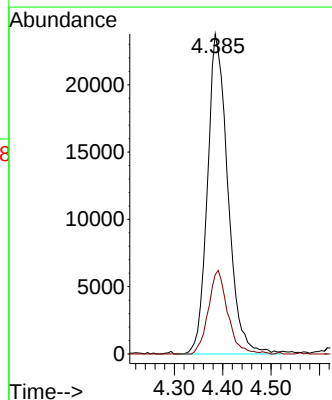
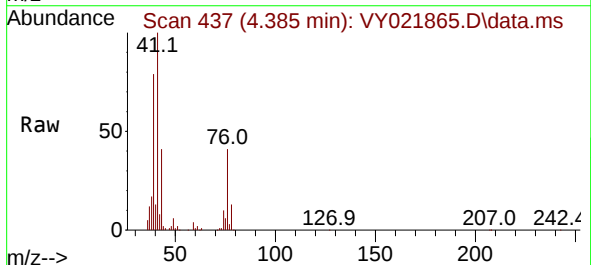
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

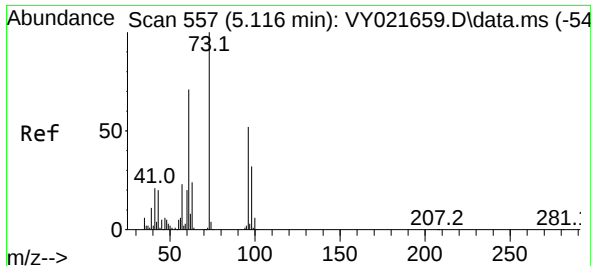
Tgt Ion: 76 Resp: 345924
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 55.791 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 43 Resp: 69637
Ion Ratio Lower Upper
43 100
74 24.7 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 48.952 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

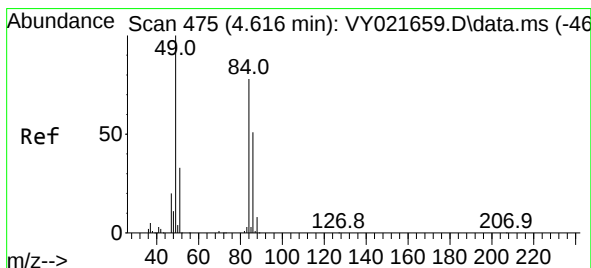
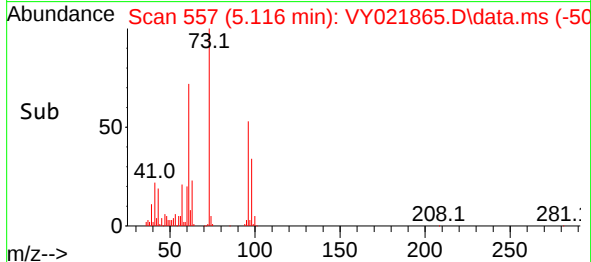
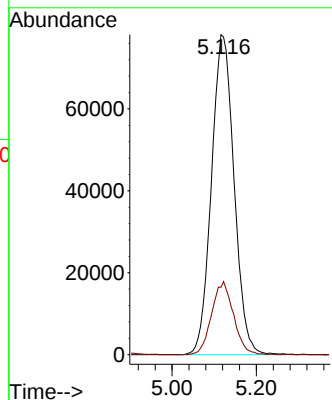
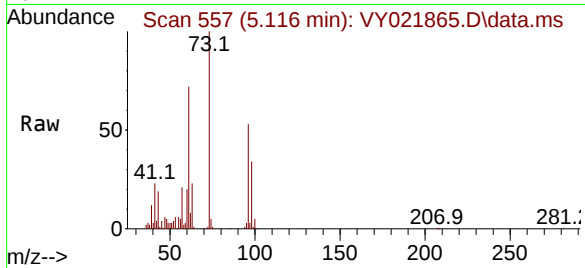
VSTDCCC050

Tgt Ion: 73 Resp: 290336

Ion Ratio Lower Upper

73 100

57 21.1 18.1 27.1



#20

Methylene Chloride

Concen: 51.488 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Tgt Ion: 84 Resp: 126601

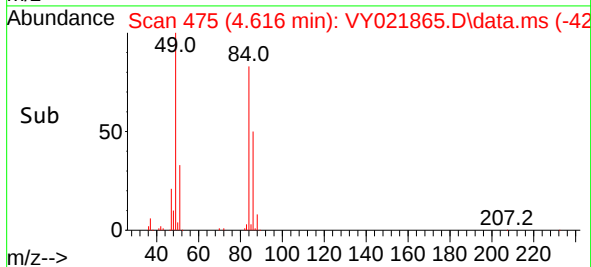
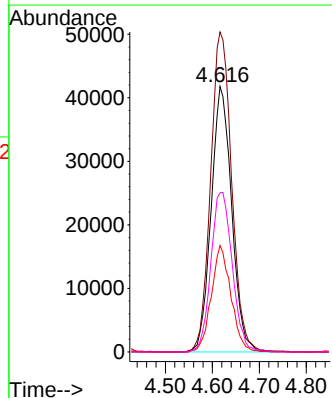
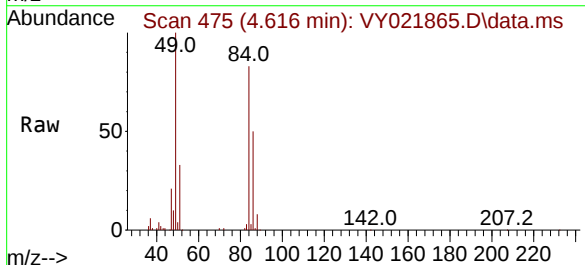
Ion Ratio Lower Upper

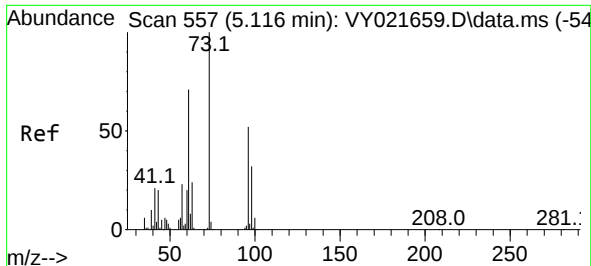
84 100

49 120.5 102.8 154.2

51 40.1 33.5 50.3

86 60.0 52.0 78.0

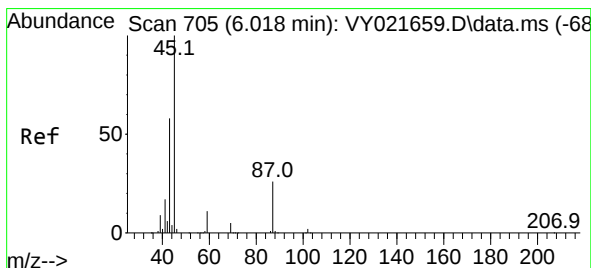
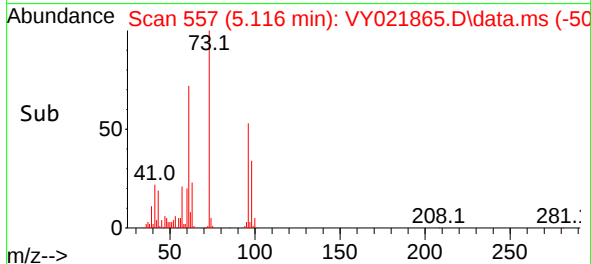
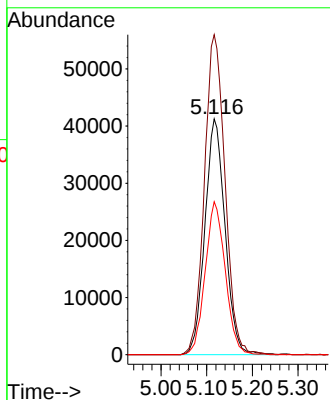
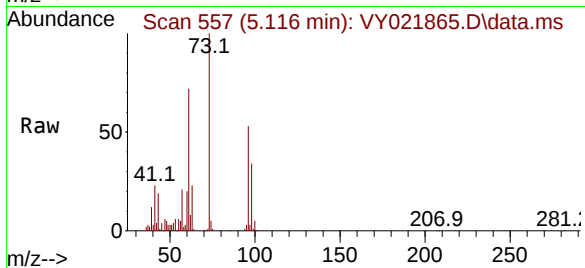




#21
trans-1,2-Dichloroethene
Concen: 48.149 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

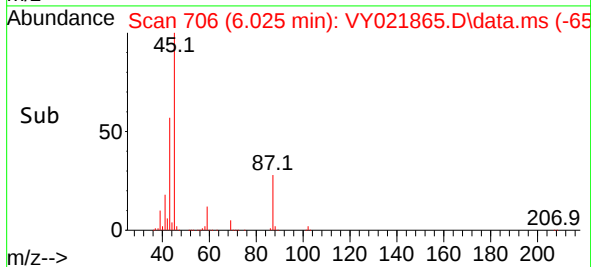
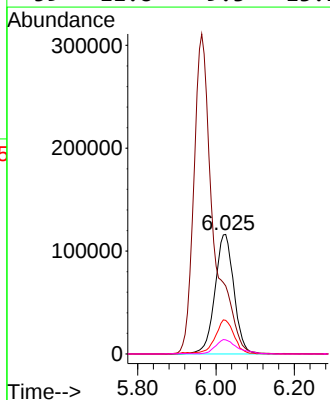
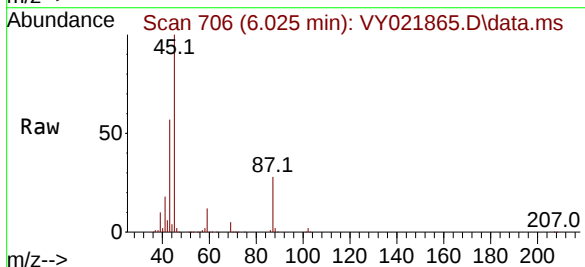
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

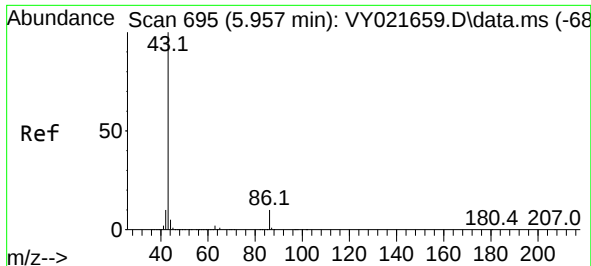
Tgt Ion: 96 Resp: 126292
Ion Ratio Lower Upper
96 100
61 135.7 109.4 164.0
98 64.8 50.2 75.2



#22
Diisopropyl ether
Concen: 49.176 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 45 Resp: 391830
Ion Ratio Lower Upper
45 100
43 56.6 46.6 69.8
87 28.2 20.7 31.1
59 11.8 9.3 13.9

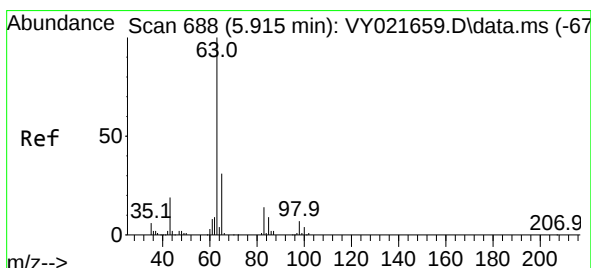
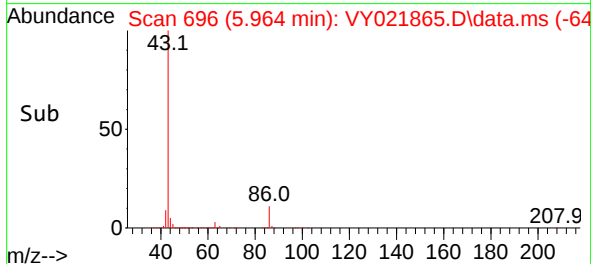
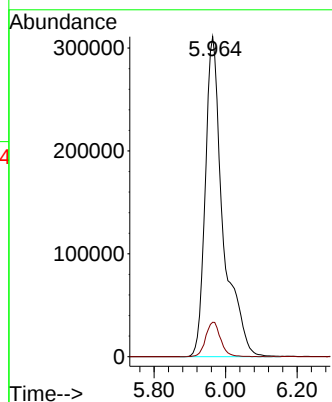
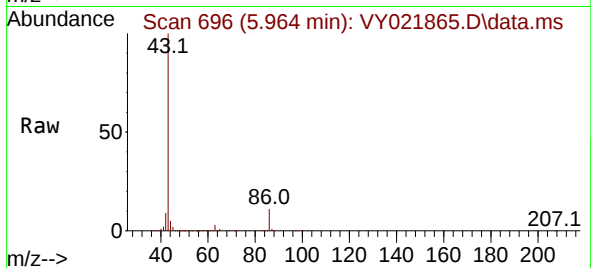




#23
 Vinyl Acetate
 Concen: 229.924 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

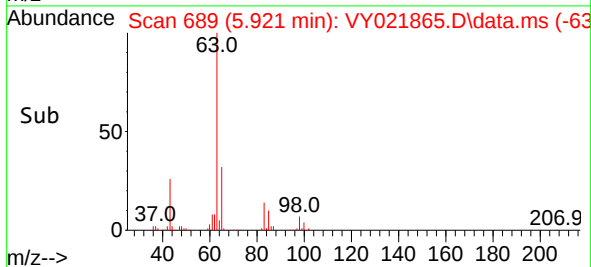
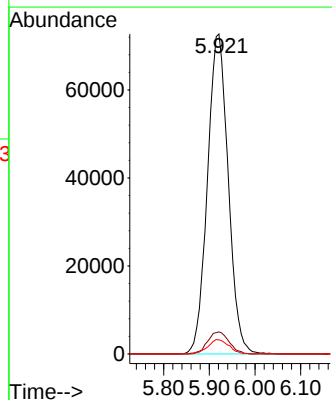
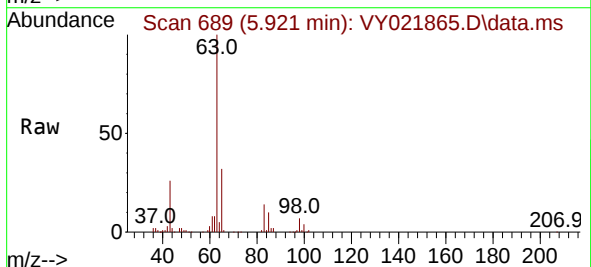
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

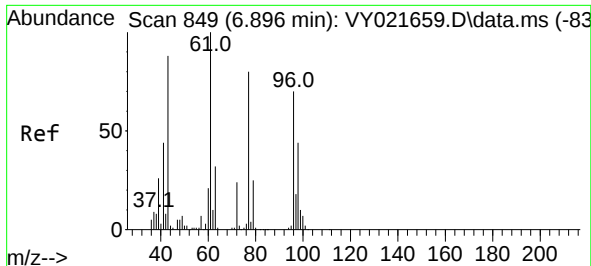
Tgt Ion: 43 Resp: 1071729
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 48.133 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

Tgt Ion: 63 Resp: 229324
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.4 2.2 6.6

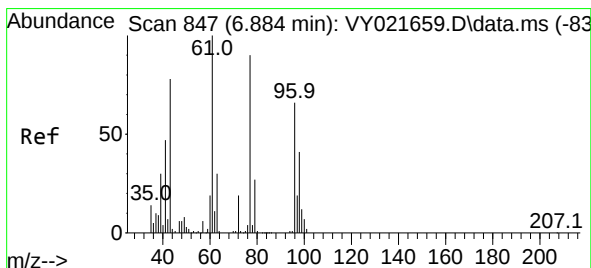
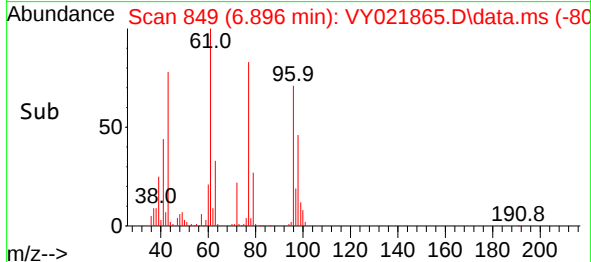
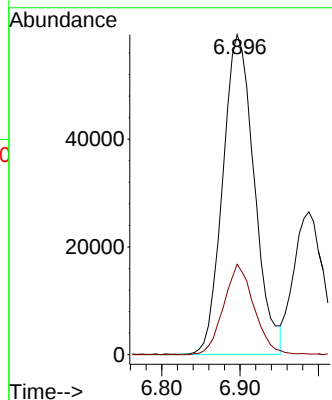
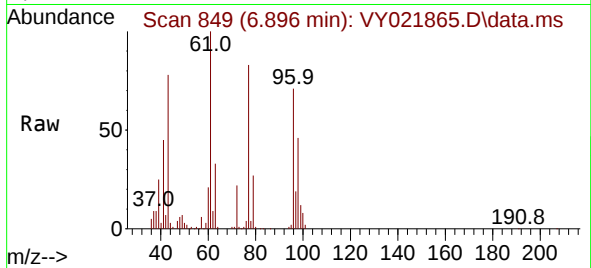




#25
2-Butanone
Concen: 230.823 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

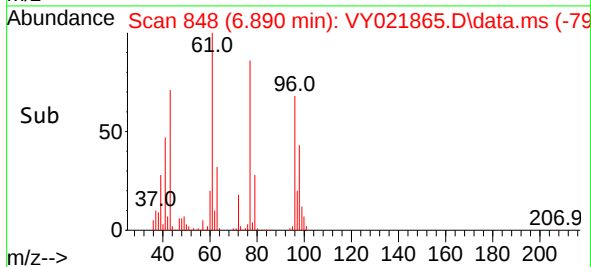
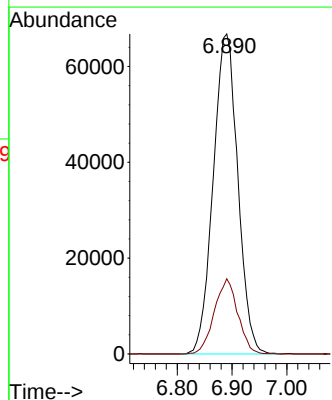
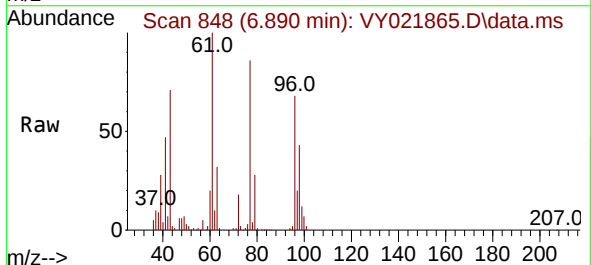
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 166038
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 49.157 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 77 Resp: 208331
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1

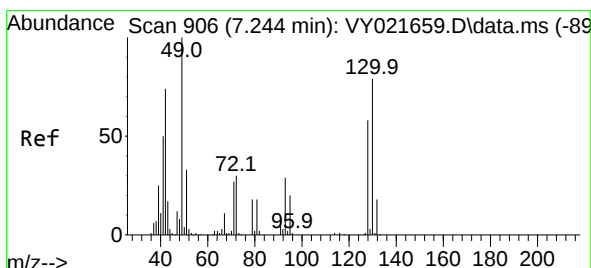
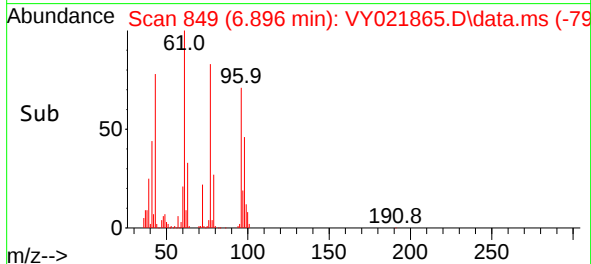
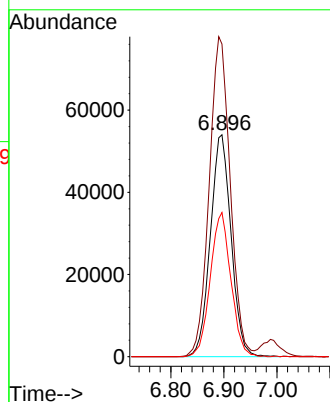
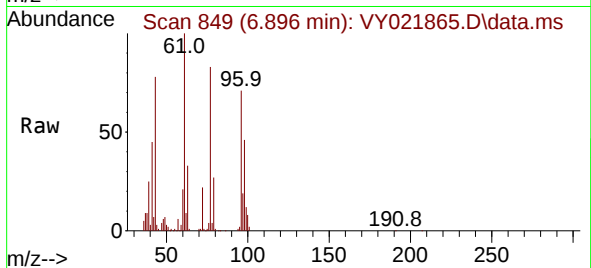




#27
 cis-1,2-Dichloroethene
 Concen: 49.764 ug/l
 RT: 6.896 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

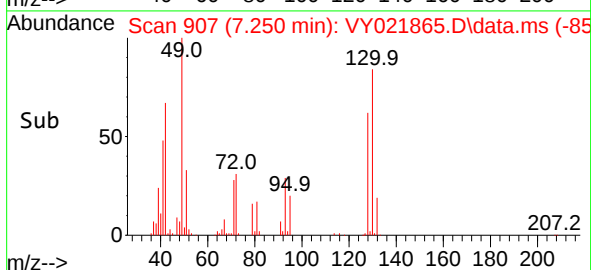
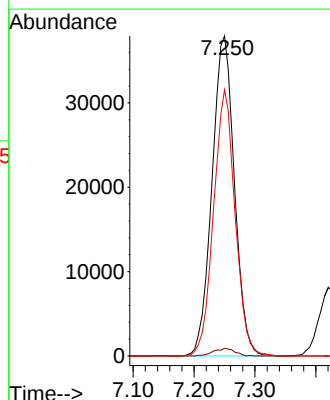
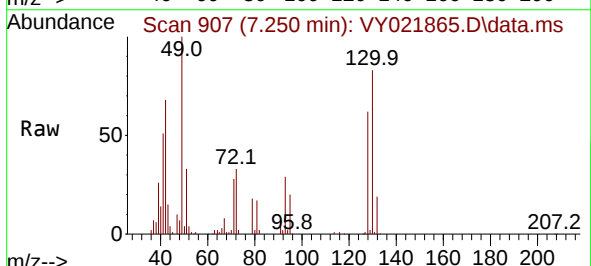
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

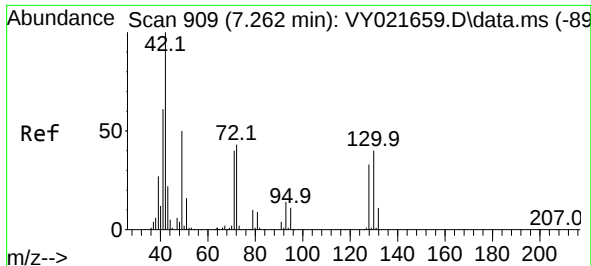
Tgt Ion: 96 Resp: 146789
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 296.4
 98 64.5 0.0 128.0



#28
 Bromochloromethane
 Concen: 48.294 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

Tgt Ion: 49 Resp: 97038
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 79.8 60.1 90.1





#29

Tetrahydrofuran

Concen: 225.163 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

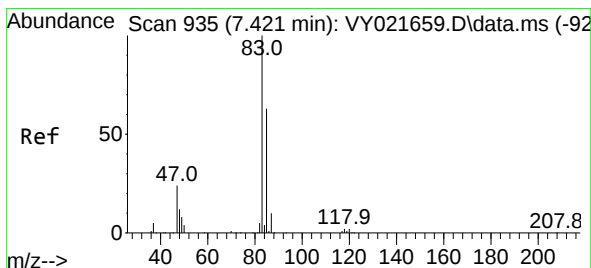
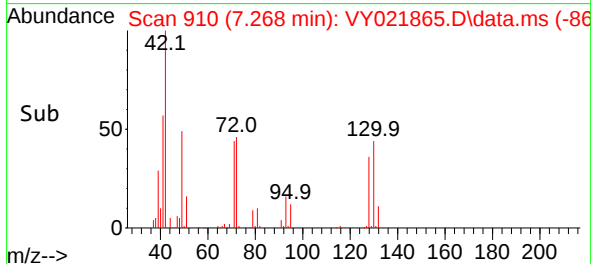
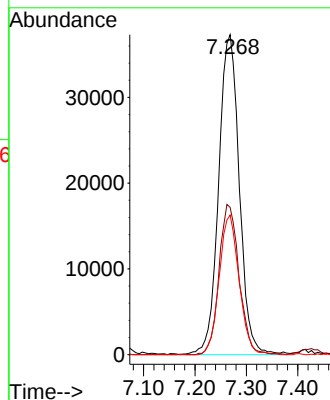
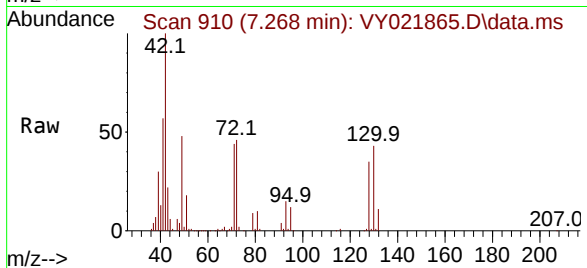
Tgt Ion: 42 Resp: 104240

Ion Ratio Lower Upper

42 100

72 45.5 34.6 52.0

71 42.1 32.5 48.7



#30

Chloroform

Concen: 49.336 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021865.D

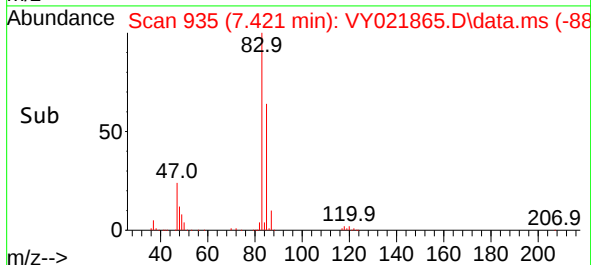
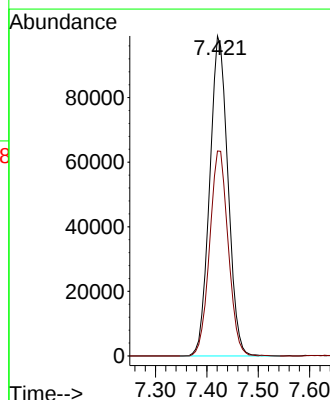
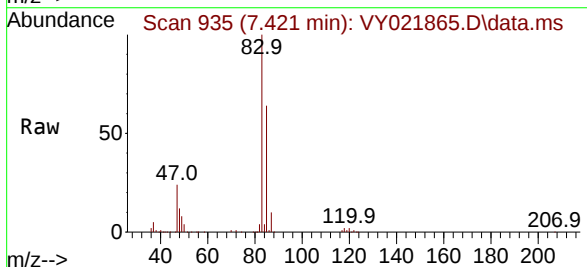
Acq: 14 Apr 2025 09:49

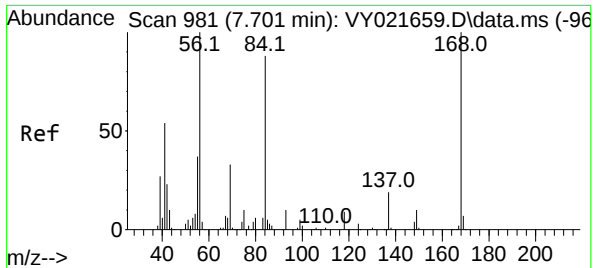
Tgt Ion: 83 Resp: 244481

Ion Ratio Lower Upper

83 100

85 64.0 50.6 75.8

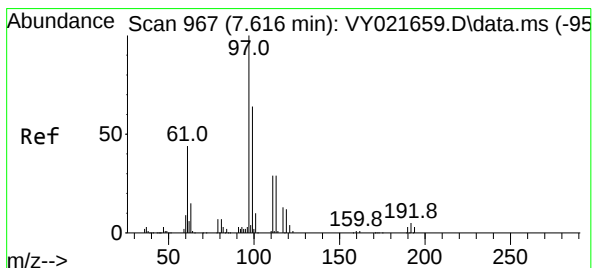
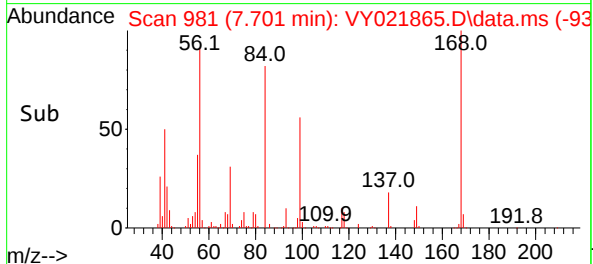
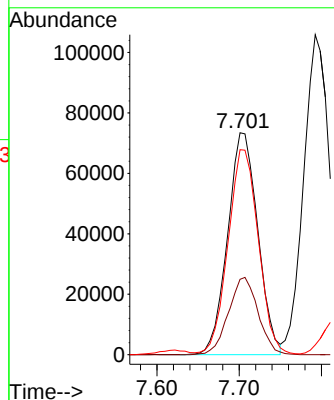
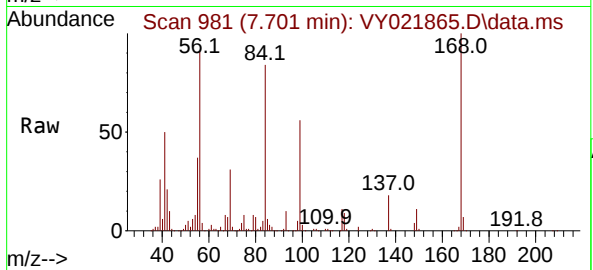




#31
Cyclohexane
Concen: 43.180 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

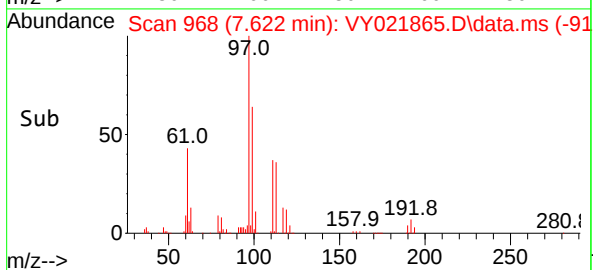
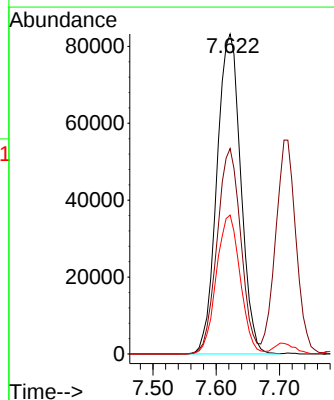
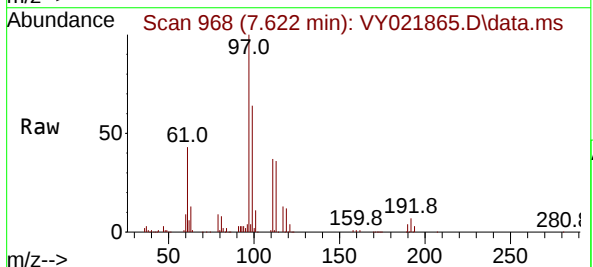
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

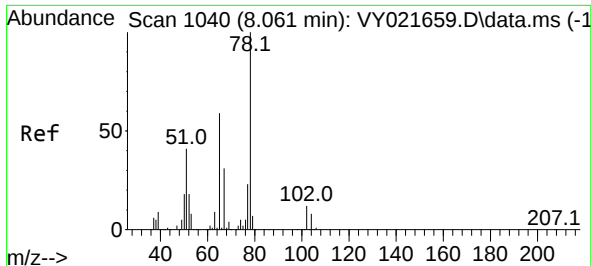
Tgt Ion: 56 Resp: 187535
Ion Ratio Lower Upper
56 100
69 34.0 26.6 40.0
84 90.7 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 48.617 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 97 Resp: 217748
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 43.5 35.2 52.8

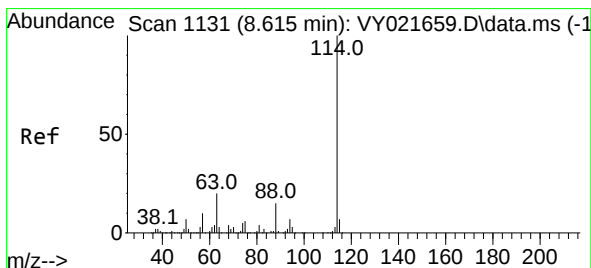
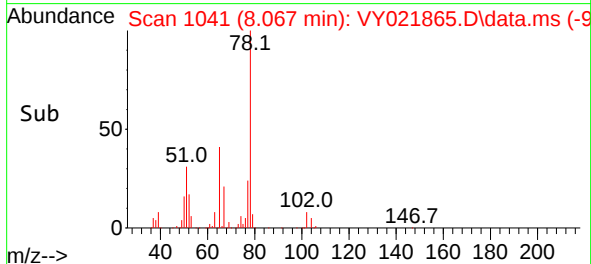
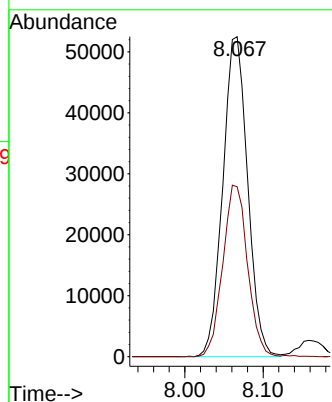
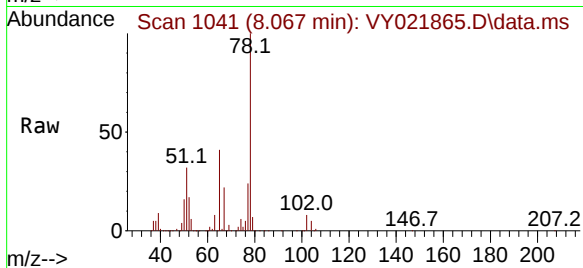




#33
 1,2-Dichloroethane-d4
 Concen: 47.013 ug/l
 RT: 8.067 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

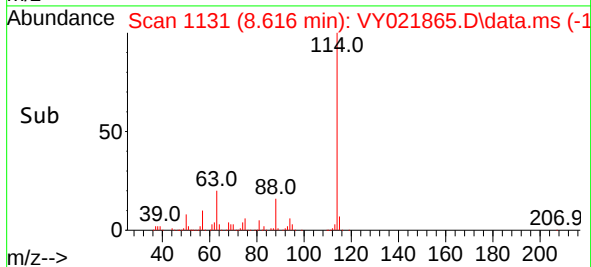
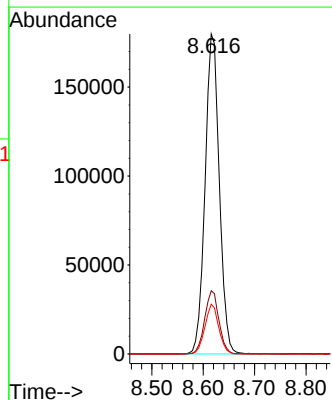
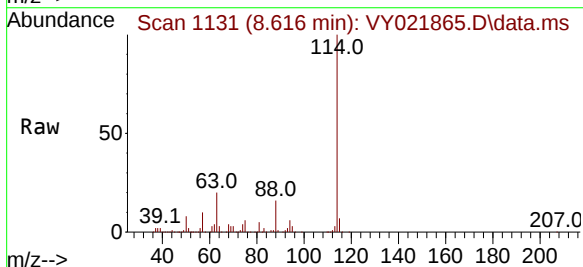
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

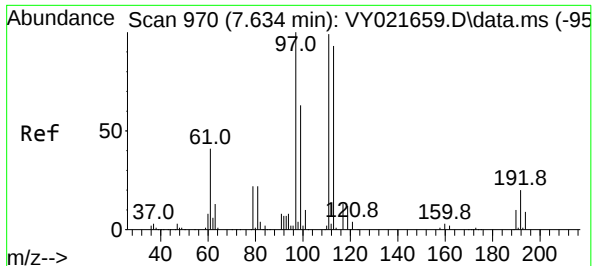
Tgt Ion: 65 Resp: 115687
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

Tgt Ion: 114 Resp: 345464
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.2
 88 15.5 0.0 29.8

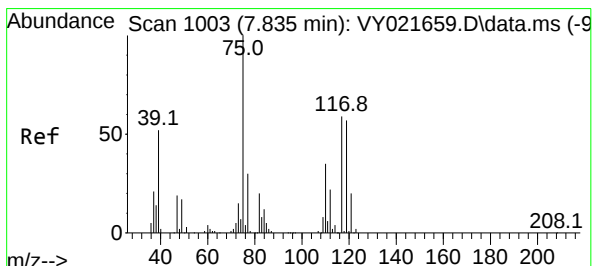
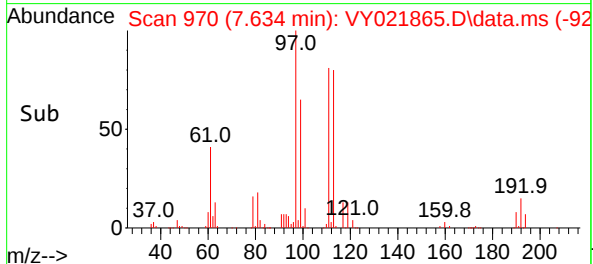
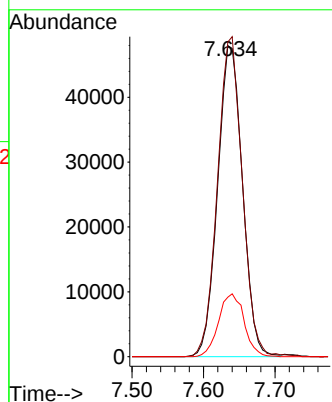
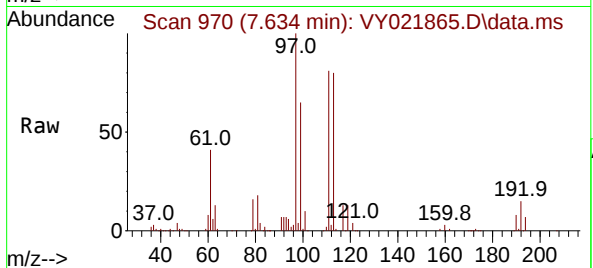




#35
Dibromofluoromethane
Concen: 51.691 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

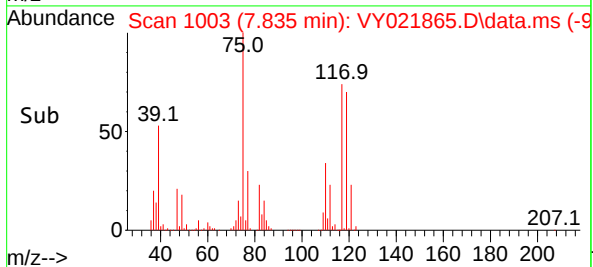
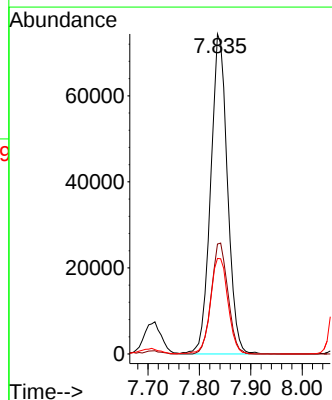
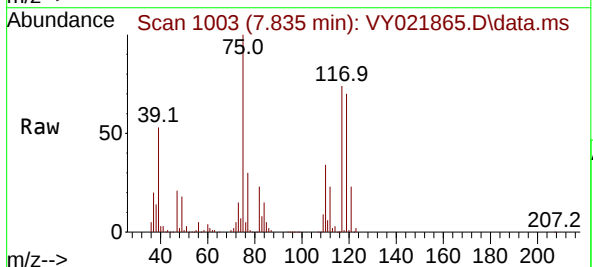
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

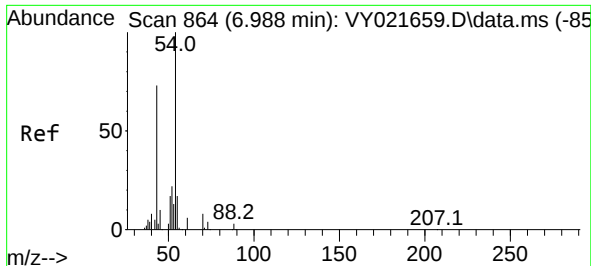
Tgt Ion:113 Resp: 115837
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 20.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 49.440 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 75 Resp: 168755
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 31.3 24.8 37.2

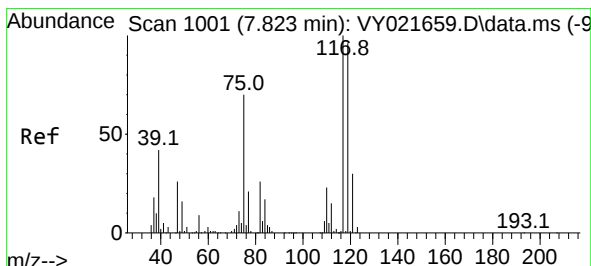
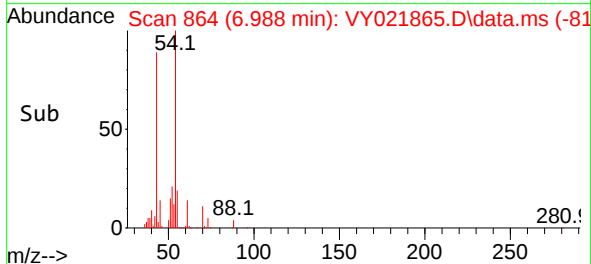
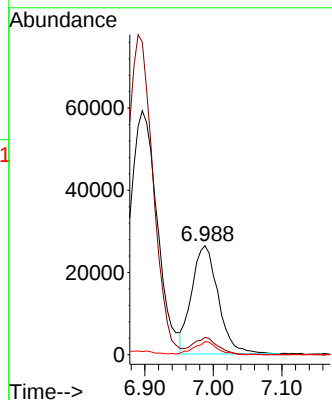
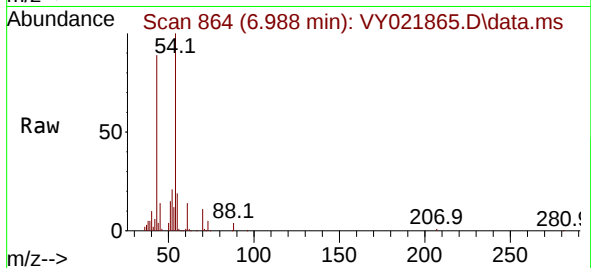




#37
Ethyl Acetate
Concen: 44.094 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

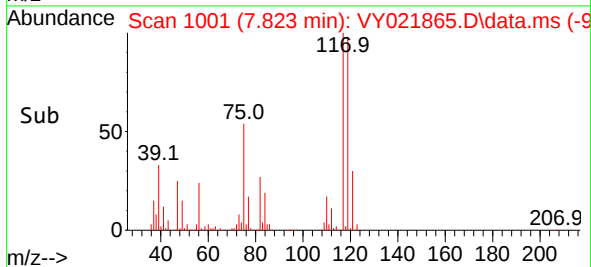
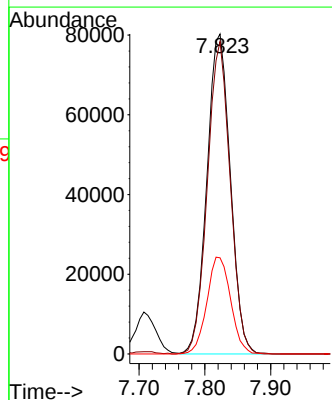
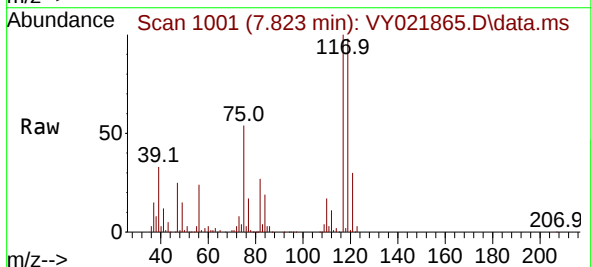
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

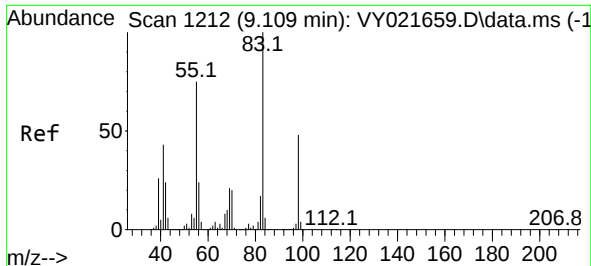
Tgt Ion: 43 Resp: 71031
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.6
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.990 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 117 Resp: 199343
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4
121 30.1 24.2 36.4

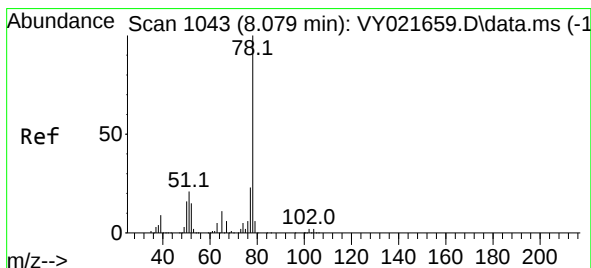
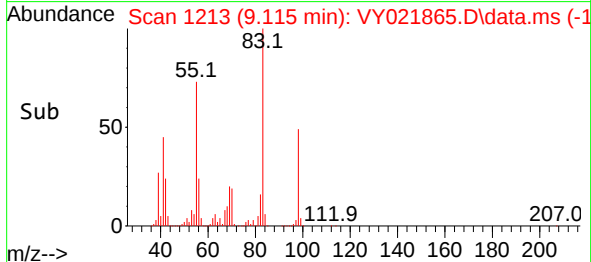
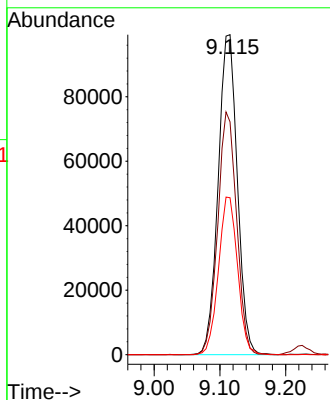
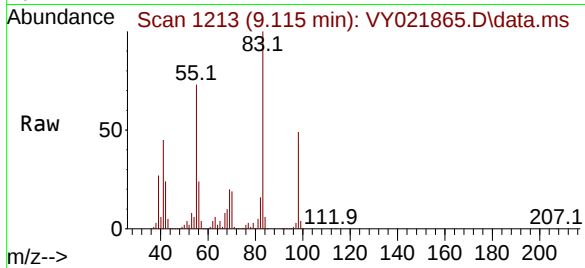




#39
Methylcyclohexane
Concen: 49.445 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

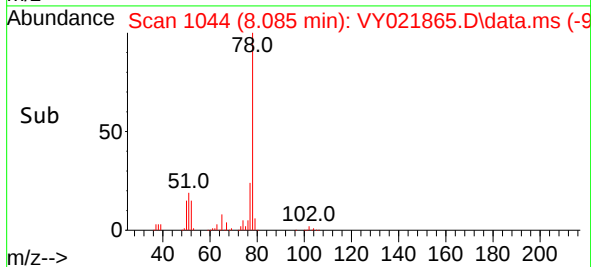
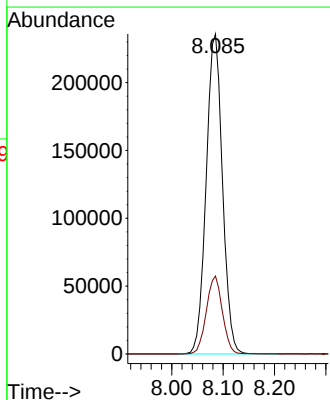
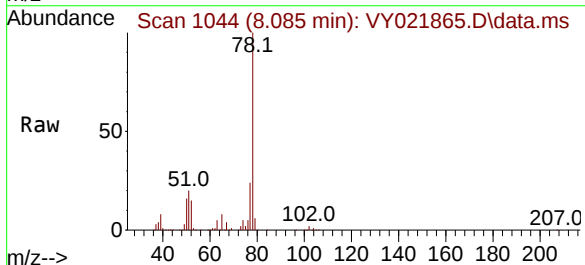
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

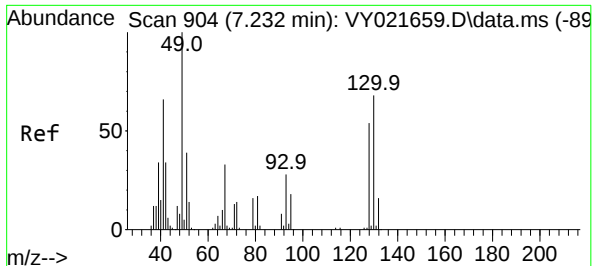
Tgt Ion: 83 Resp: 201616
Ion Ratio Lower Upper
83 100
55 72.8 59.7 89.5
98 49.1 38.3 57.5



#40
Benzene
Concen: 50.784 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 78 Resp: 519123
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

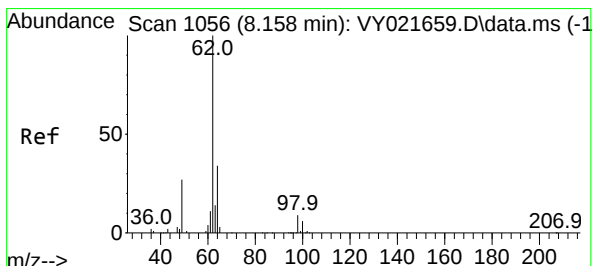
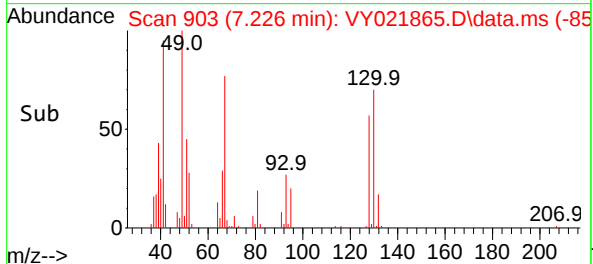
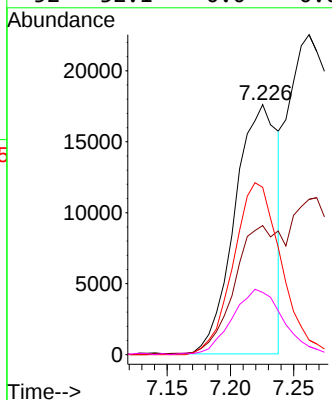
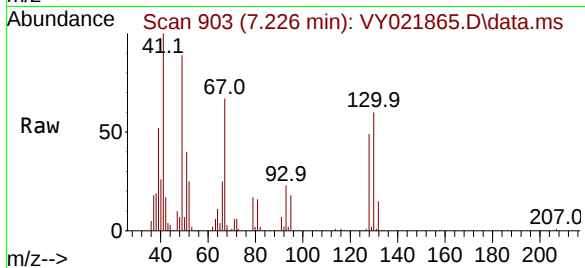




#41
Methacrylonitrile
Concen: 48.225 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

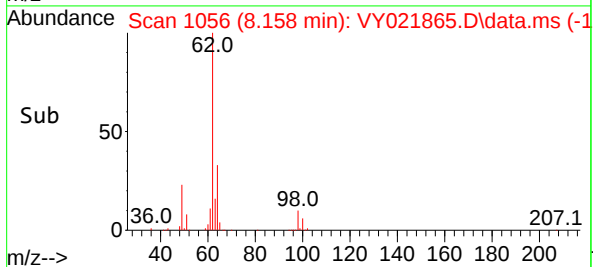
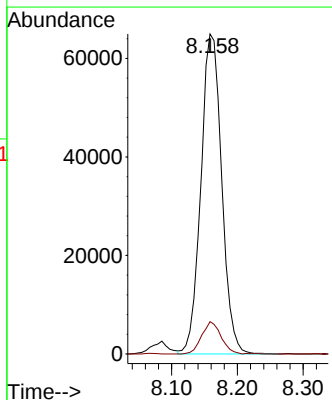
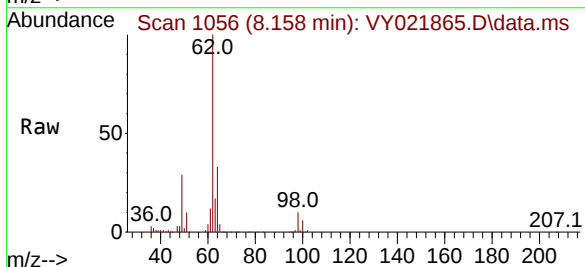
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

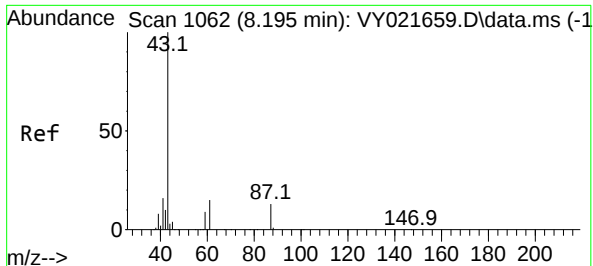
Tgt Ion:	41	Resp:	41257
Ion	Ratio	Lower	Upper
41	100		
39	60.0	0.0	0.0#
67	77.1	0.0	0.0#
52	32.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.606 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion:	62	Resp:	142953
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 46.579 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

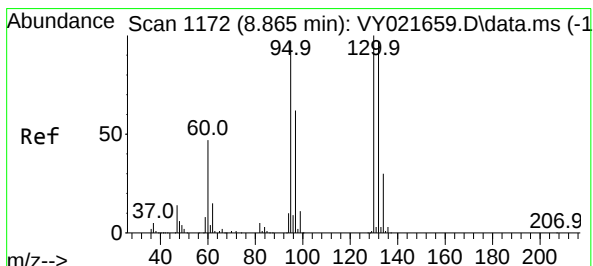
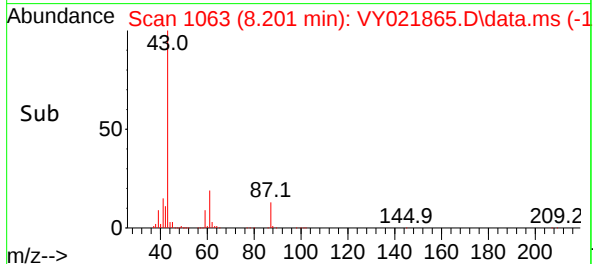
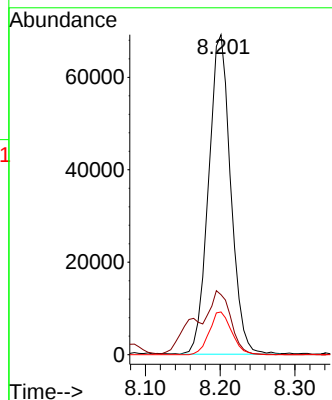
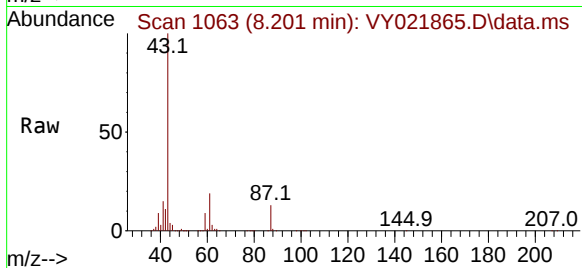
Tgt Ion: 43 Resp: 142195

Ion Ratio Lower Upper

43 100

61 19.5 15.9 23.9

87 13.5 10.4 15.6



#44

Trichloroethene

Concen: 52.013 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021865.D

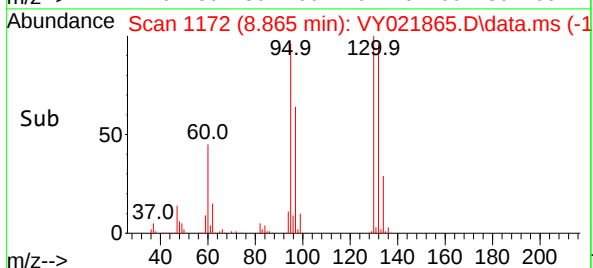
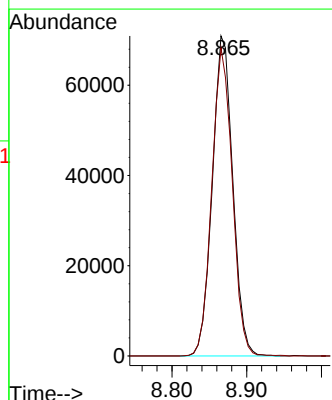
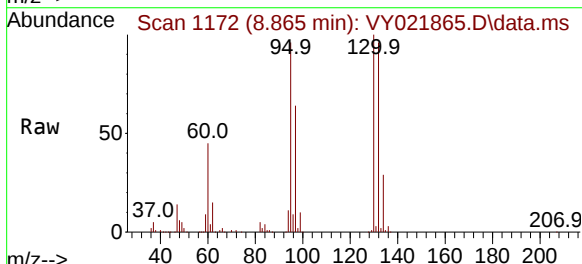
Acq: 14 Apr 2025 09:49

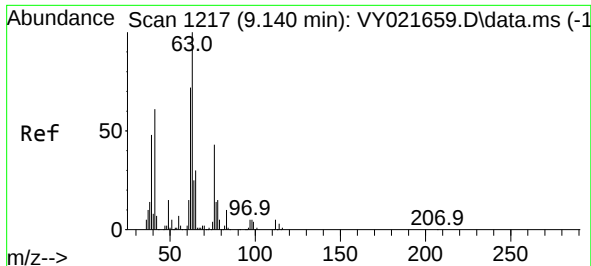
Tgt Ion:130 Resp: 135468

Ion Ratio Lower Upper

130 100

95 96.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.978 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

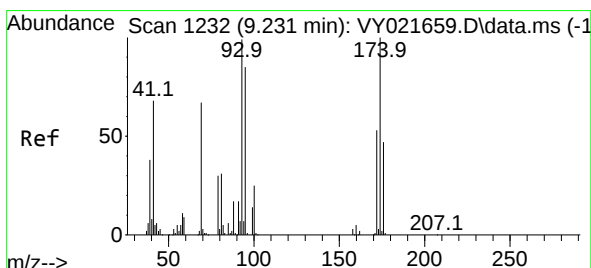
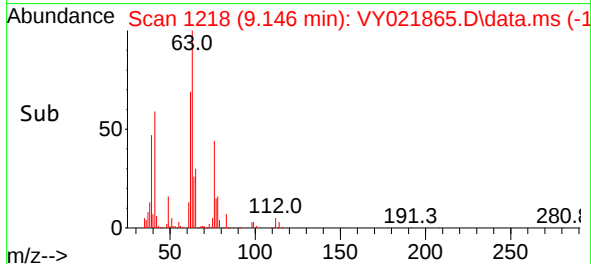
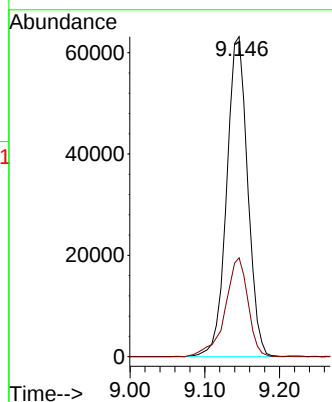
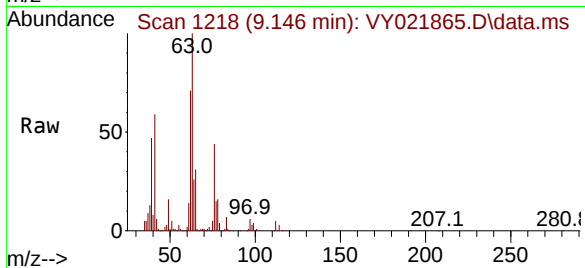
VSTDCCC050

Tgt Ion: 63 Resp: 123348

Ion Ratio Lower Upper

63 100

65 30.9 24.4 36.6



#46

Dibromomethane

Concen: 50.726 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

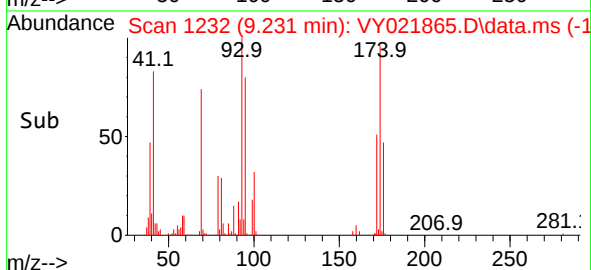
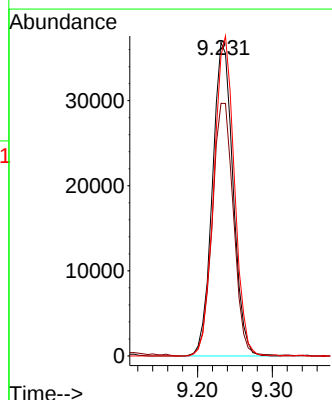
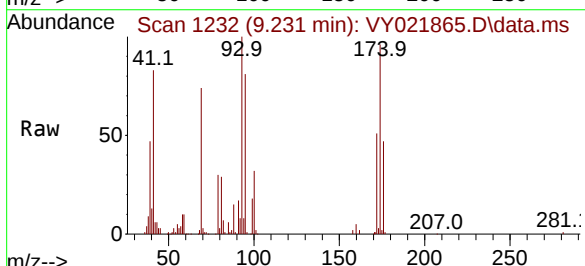
Tgt Ion: 93 Resp: 70737

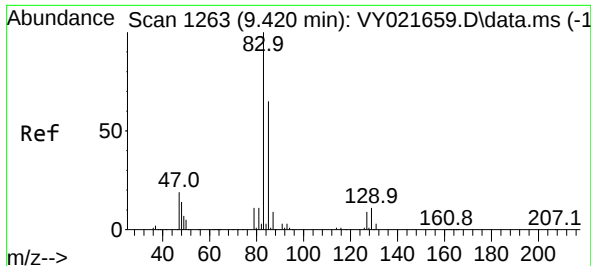
Ion Ratio Lower Upper

93 100

95 82.4 68.1 102.1

174 101.3 80.9 121.3

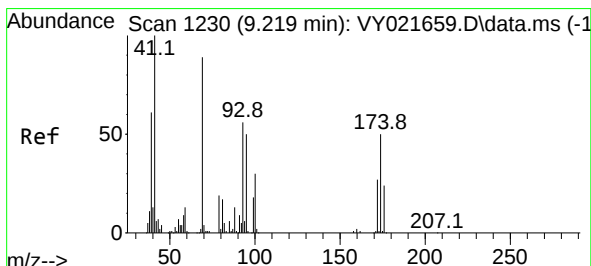
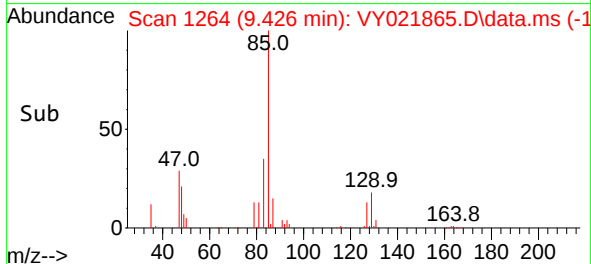
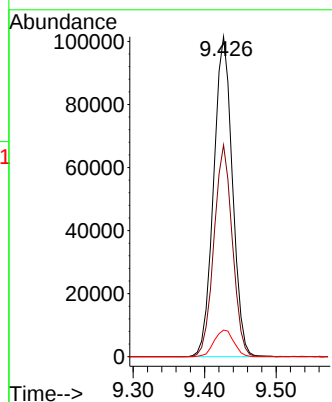
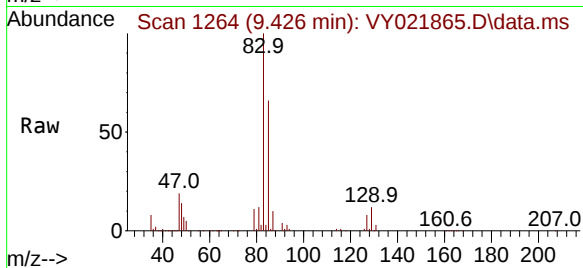




#47
Bromodichloromethane
Concen: 51.242 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

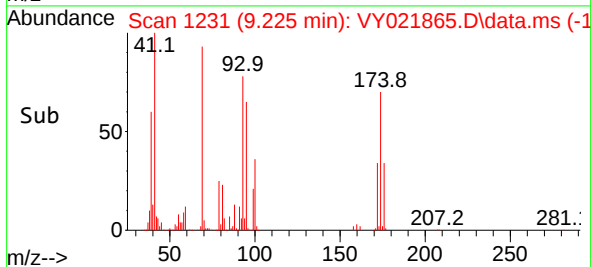
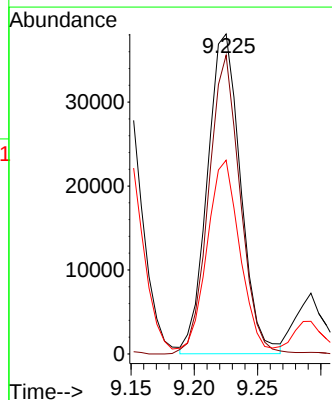
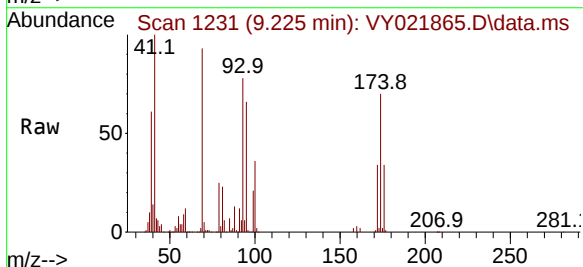
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

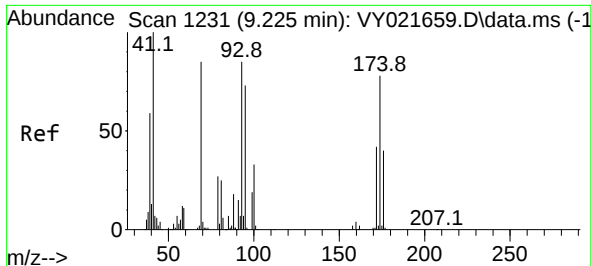
Tgt Ion: 83 Resp: 185157
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.6
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 49.796 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 41 Resp: 69769
Ion Ratio Lower Upper
41 100
69 88.3 69.8 104.8
39 59.5 47.2 70.8





#49

1,4-Dioxane

Concen: 922.911 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

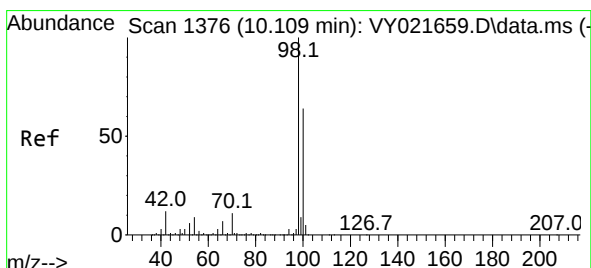
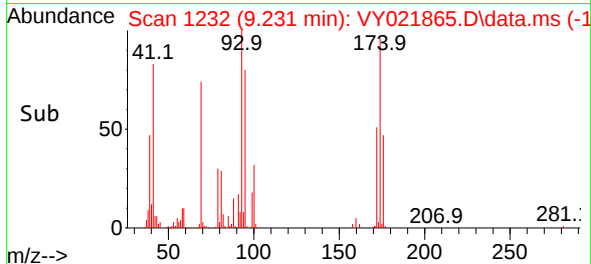
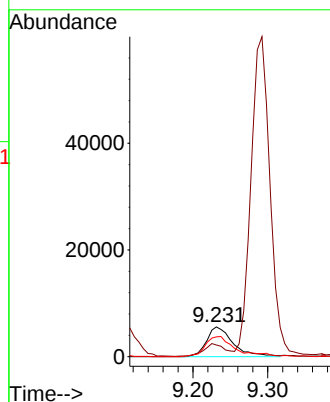
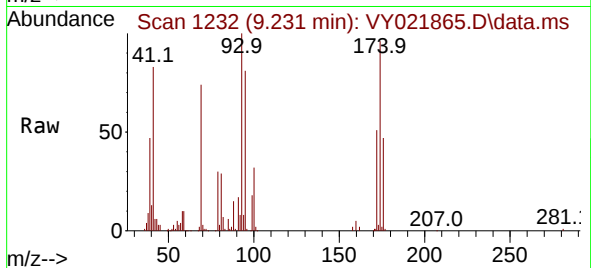
Tgt Ion: 88 Resp: 13787

Ion Ratio Lower Upper

88 100

43 35.3 28.8 43.2

58 75.9 59.4 89.2



#50

Toluene-d8

Concen: 51.813 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021865.D

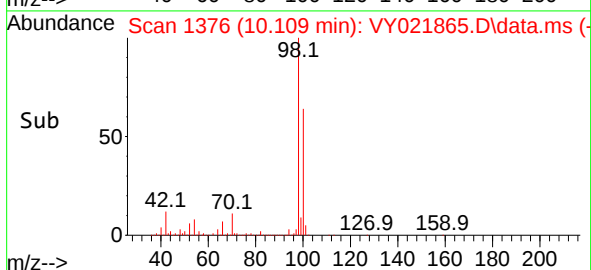
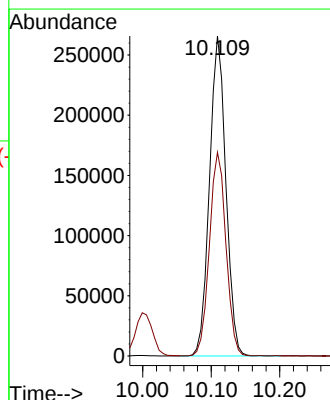
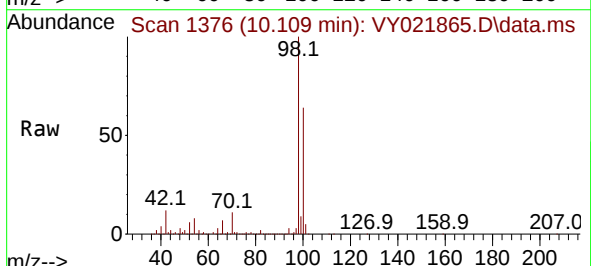
Acq: 14 Apr 2025 09:49

Tgt Ion: 98 Resp: 441726

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 244.827 ug/l

RT: 9.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

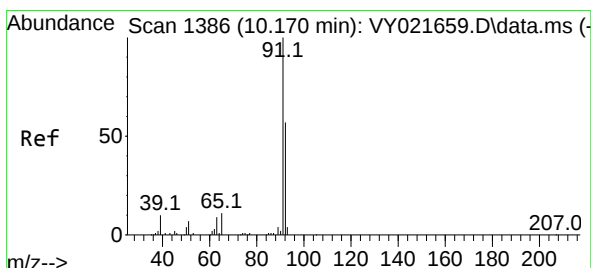
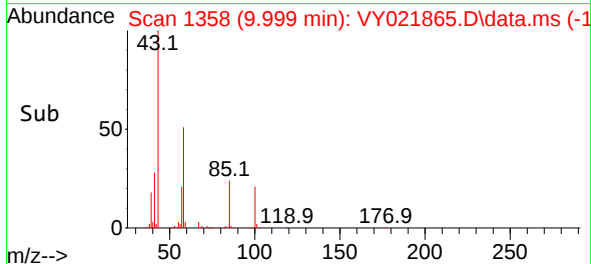
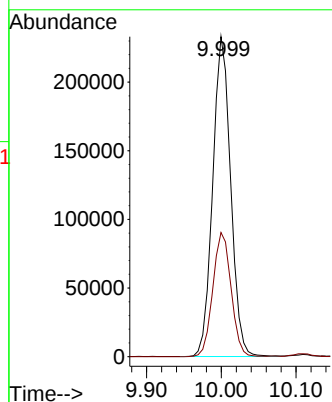
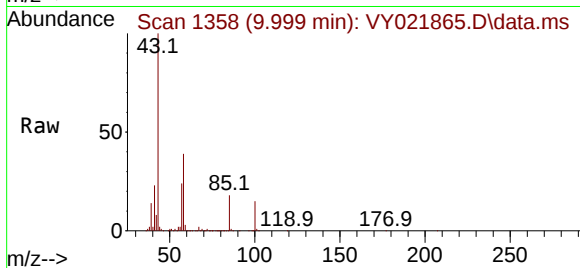
VSTDCCC050

Tgt Ion: 43 Resp: 388946

Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3



#52

Toluene

Concen: 52.745 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY021865.D

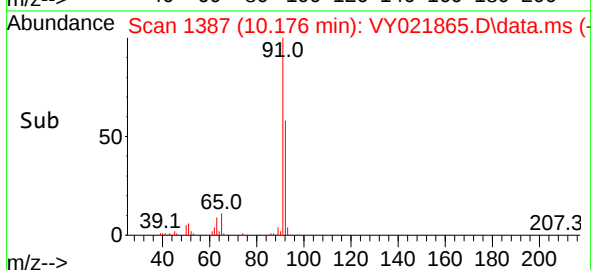
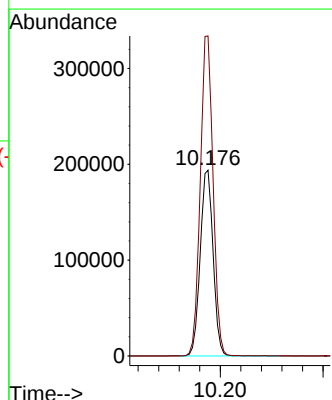
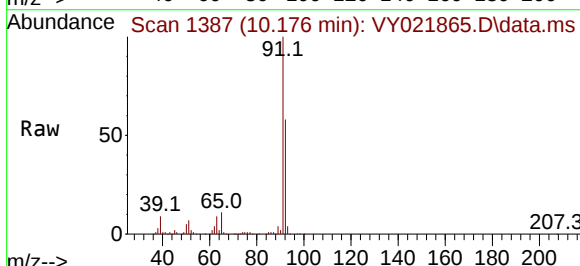
Acq: 14 Apr 2025 09:49

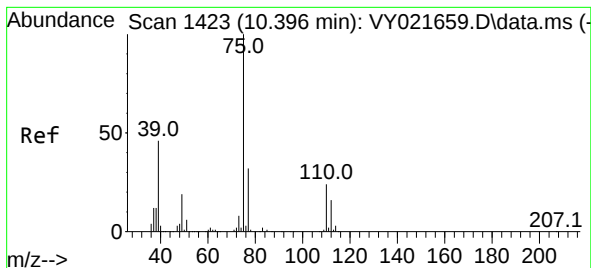
Tgt Ion: 92 Resp: 336388

Ion Ratio Lower Upper

92 100

91 171.2 138.6 207.8

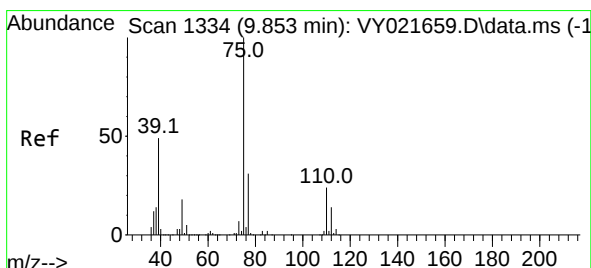
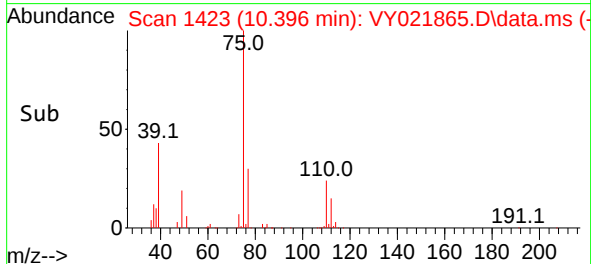
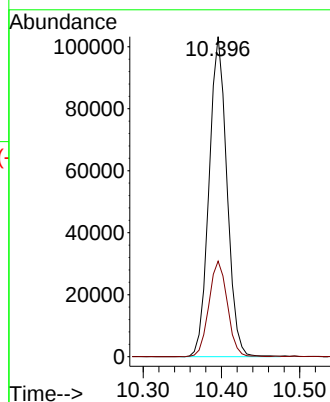
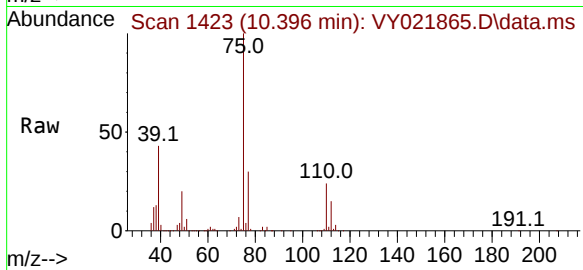




#53
t-1,3-Dichloropropene
Concen: 51.064 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

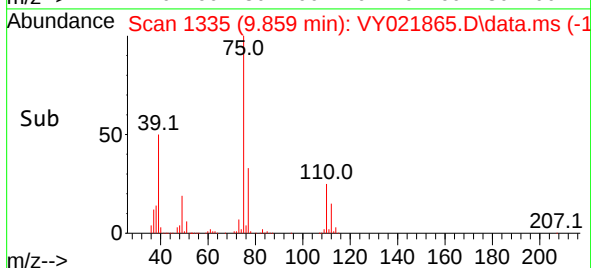
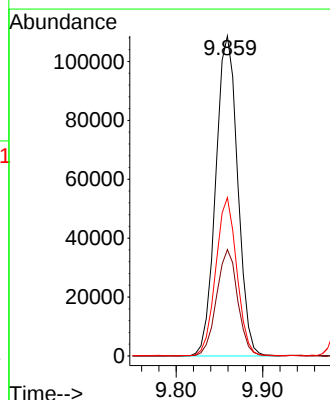
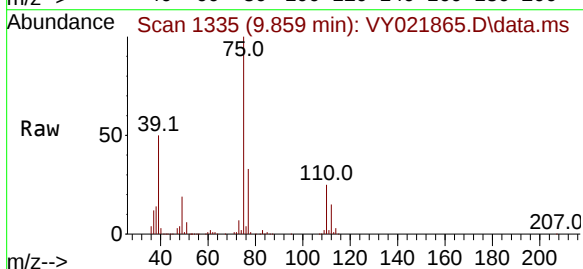
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

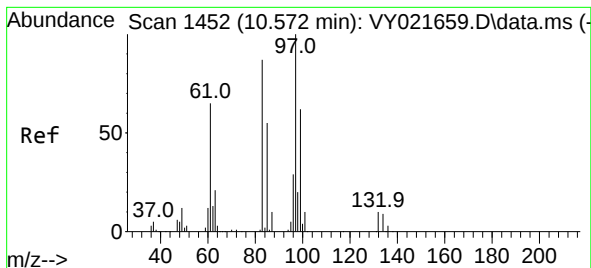
Tgt Ion: 75 Resp: 163891
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.471 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 75 Resp: 191100
Ion Ratio Lower Upper
75 100
77 33.3 24.9 37.3
39 49.4 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 50.954 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 91440

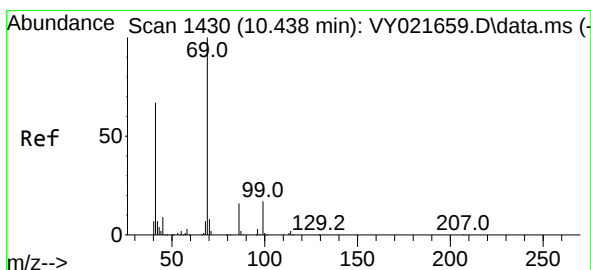
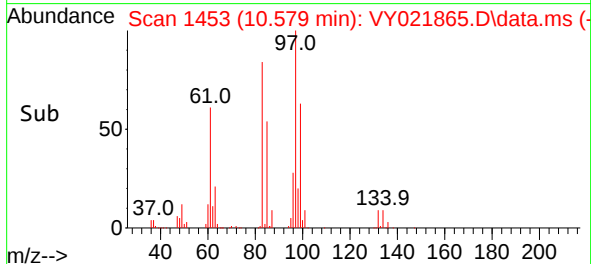
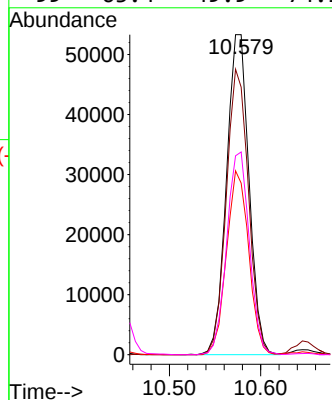
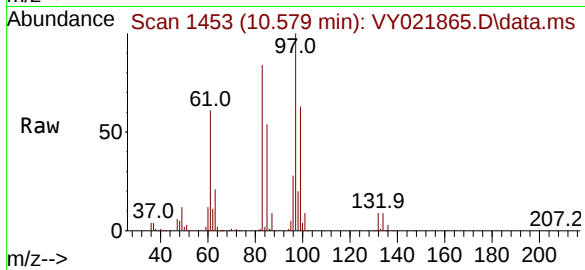
Ion Ratio Lower Upper

97 100

83 83.6 69.5 104.3

85 53.6 43.9 65.9

99 63.4 49.9 74.9



#56

Ethyl methacrylate

Concen: 52.930 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

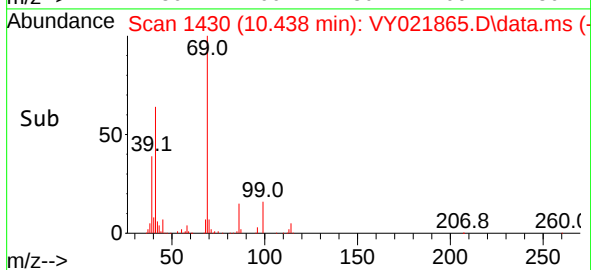
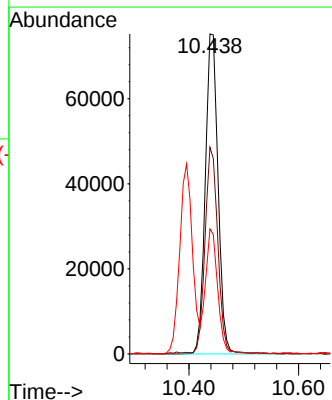
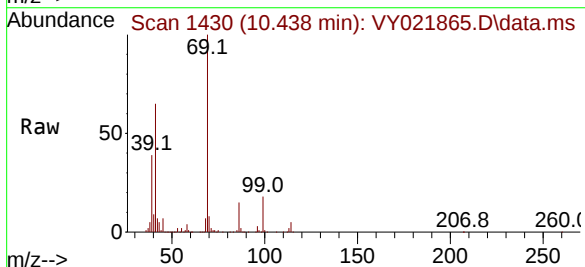
Tgt Ion: 69 Resp: 121285

Ion Ratio Lower Upper

69 100

41 63.8 53.8 80.6

39 36.3 29.6 44.4





#57

1,3-Dichloropropane

Concen: 51.276 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

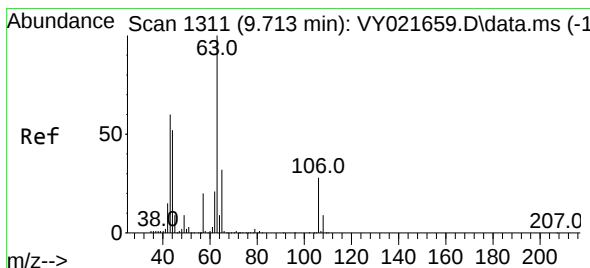
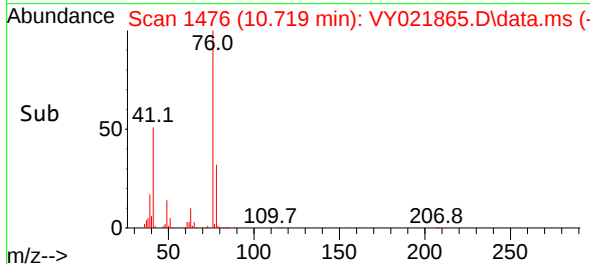
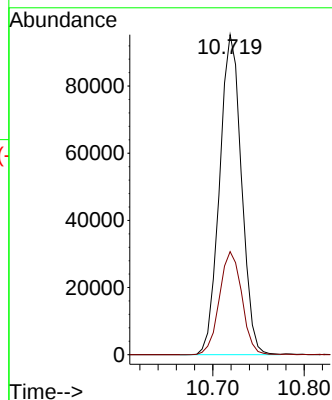
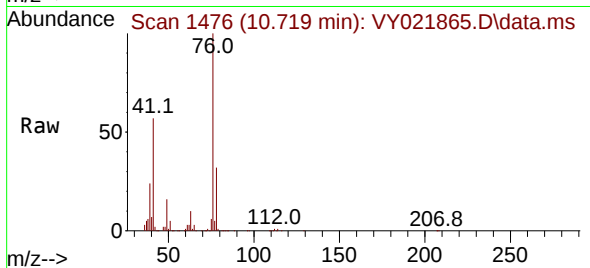
VSTDCCC050

Tgt Ion: 76 Resp: 158920

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 275.207 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021865.D

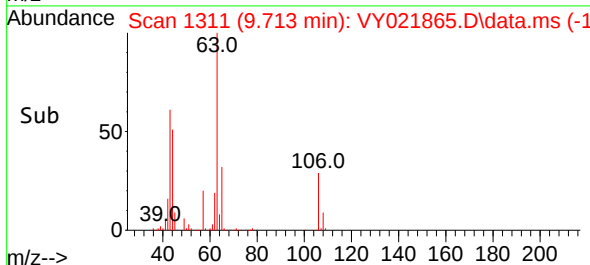
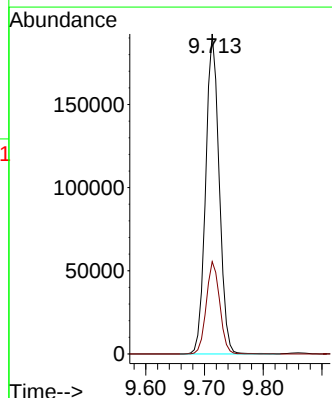
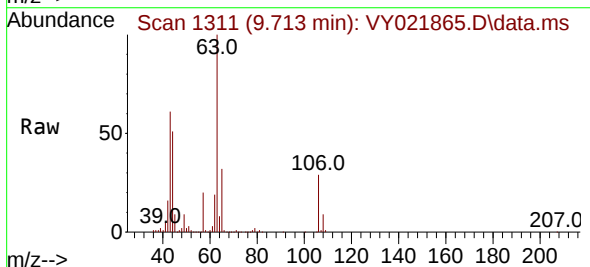
Acq: 14 Apr 2025 09:49

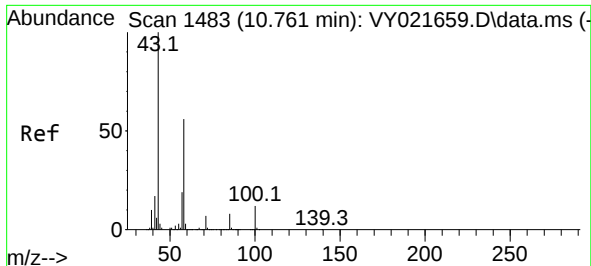
Tgt Ion: 63 Resp: 307637

Ion Ratio Lower Upper

63 100

106 28.7 22.4 33.6





#59

2-Hexanone

Concen: 250.353 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

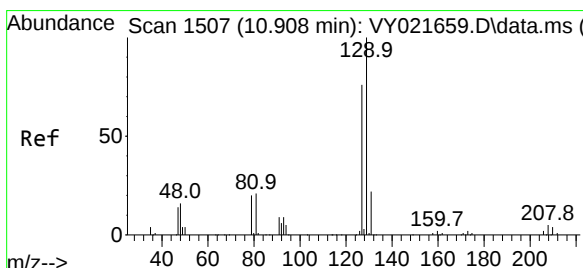
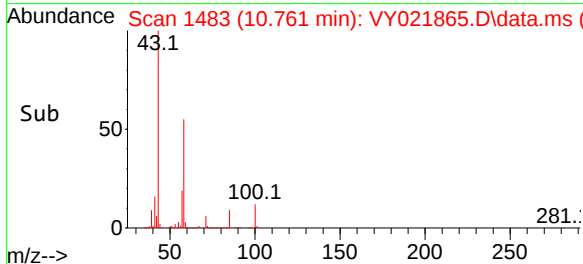
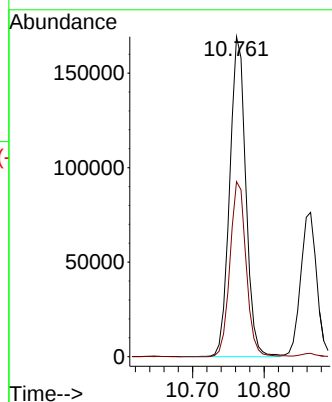
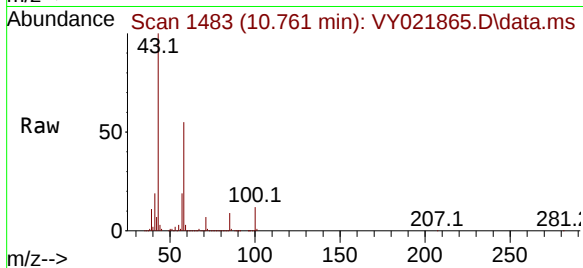
VSTDCCC050

Tgt Ion: 43 Resp: 264879

Ion Ratio Lower Upper

43 100

58 54.9 27.2 81.5



#60

Dibromochloromethane

Concen: 52.765 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021865.D

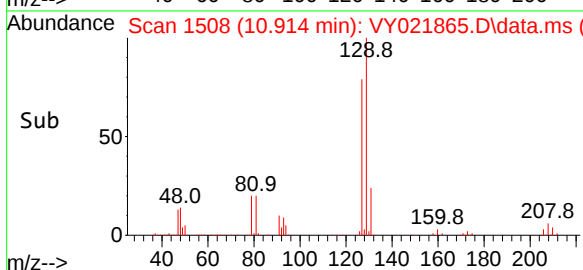
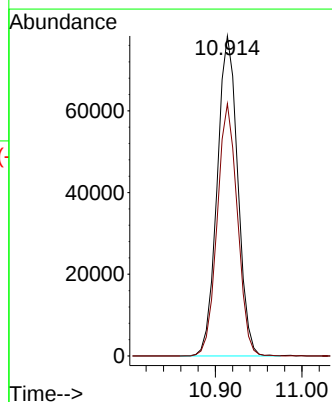
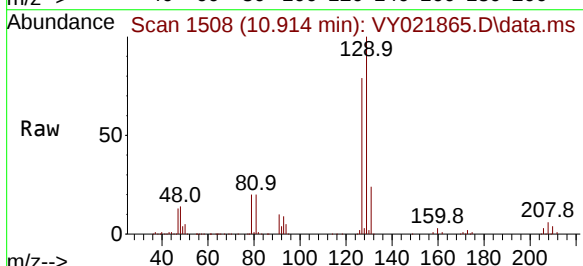
Acq: 14 Apr 2025 09:49

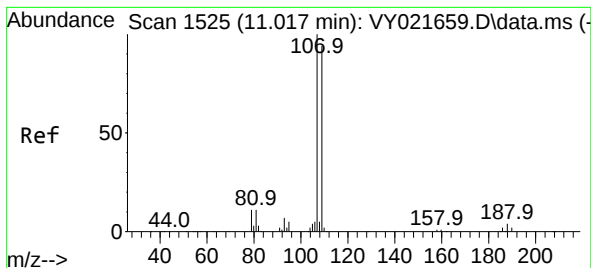
Tgt Ion:129 Resp: 129283

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.7





#61

1,2-Dibromoethane

Concen: 52.293 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

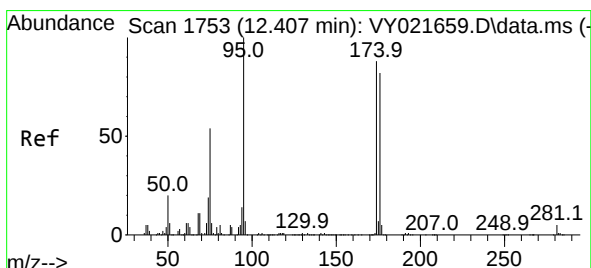
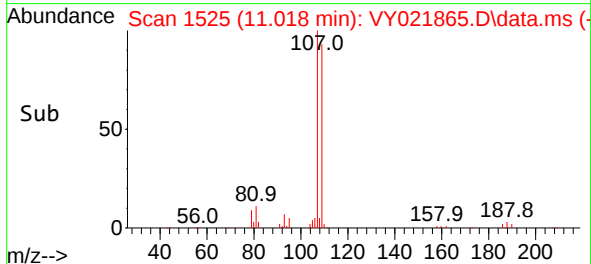
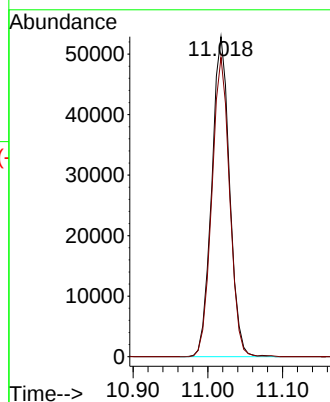
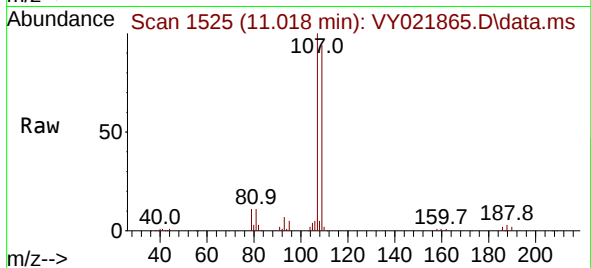
VSTDCCC050

Tgt Ion:107 Resp: 88032

Ion Ratio Lower Upper

107 100

109 93.1 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 52.043 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

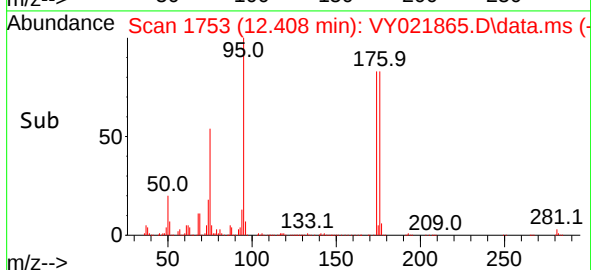
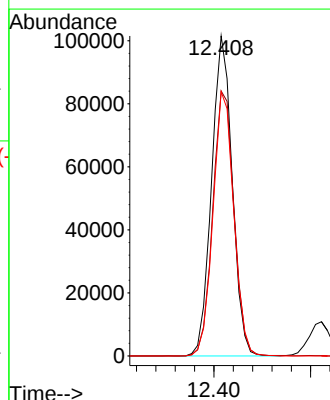
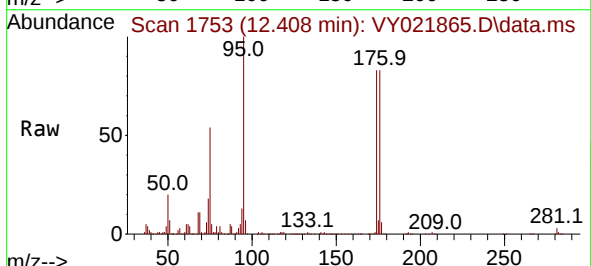
Tgt Ion: 95 Resp: 150075

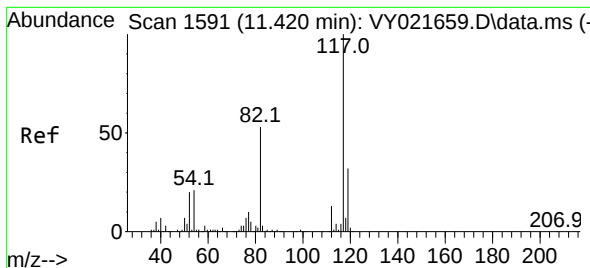
Ion Ratio Lower Upper

95 100

174 85.5 0.0 170.8

176 83.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

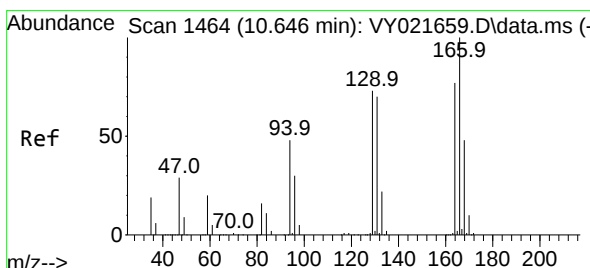
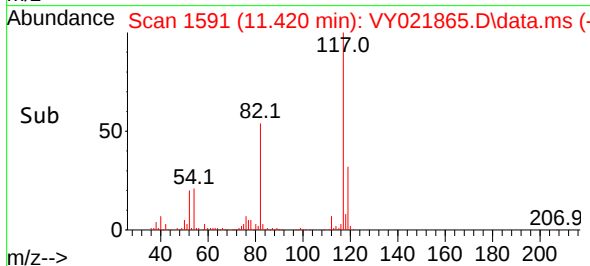
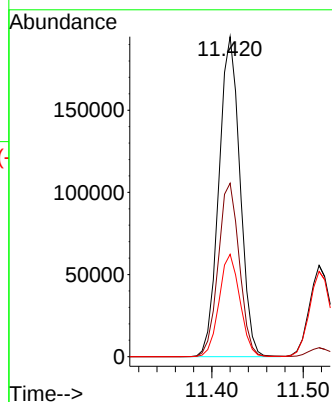
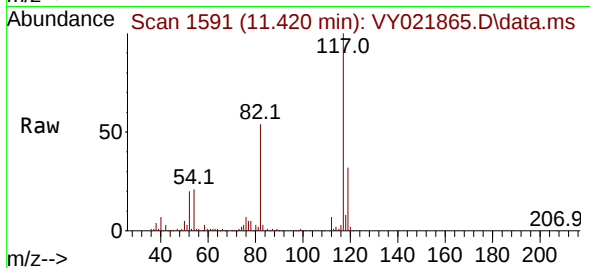
Tgt Ion:117 Resp: 312844

Ion Ratio Lower Upper

117 100

82 54.2 42.8 64.2

119 32.0 25.7 38.5



#64

Tetrachloroethene

Concen: 53.734 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Tgt Ion:164 Resp: 153104

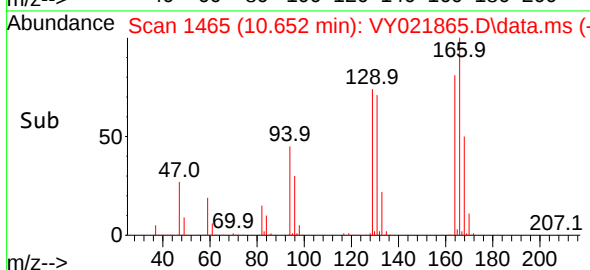
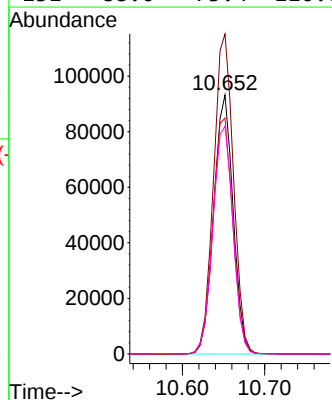
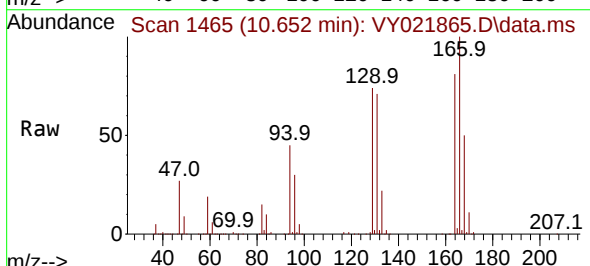
Ion Ratio Lower Upper

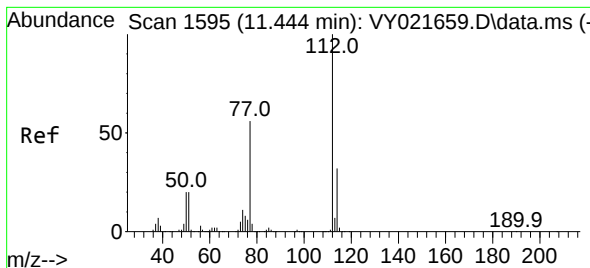
164 100

166 123.5 104.6 156.8

129 91.1 76.6 114.8

131 88.0 73.4 110.0





#65

Chlorobenzene

Concen: 51.245 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

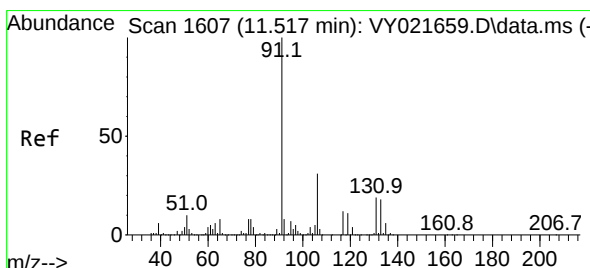
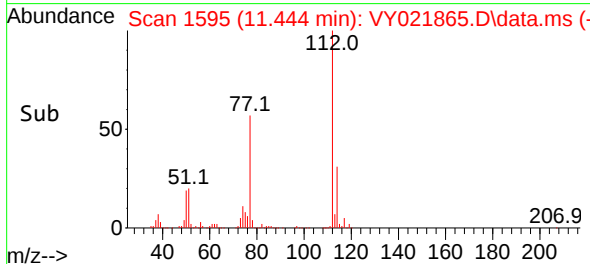
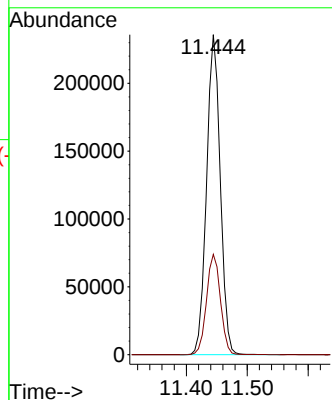
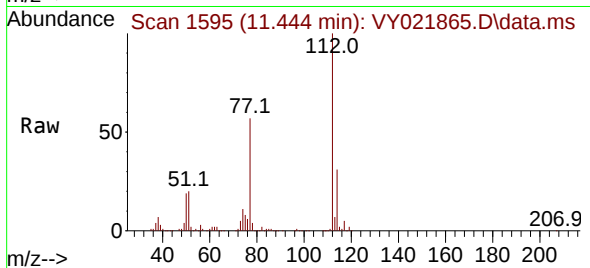
VSTDCCC050

Tgt Ion:112 Resp: 367499

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 52.027 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

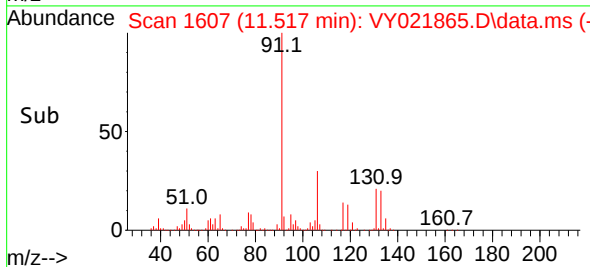
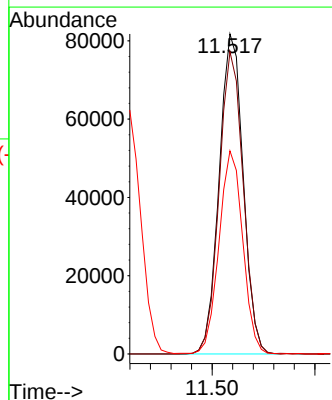
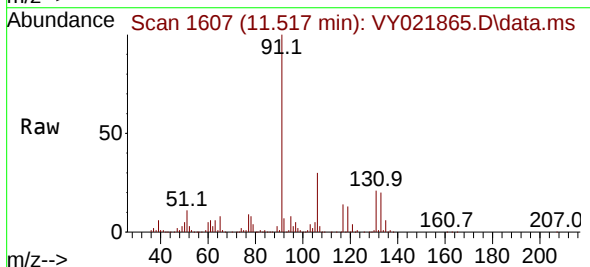
Tgt Ion:131 Resp: 132378

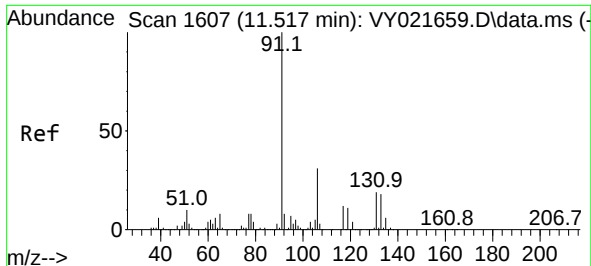
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.8

119 62.9 31.6 95.0





#67

Ethyl Benzene

Concen: 52.103 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

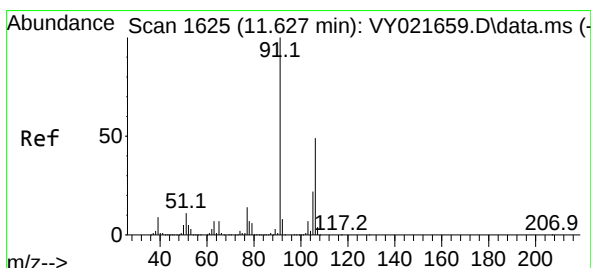
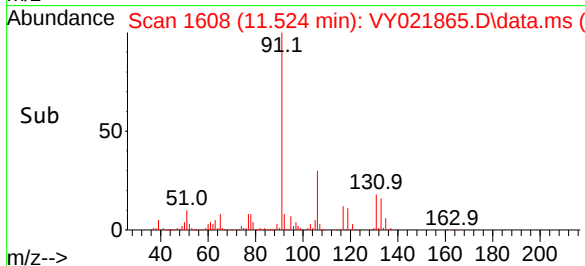
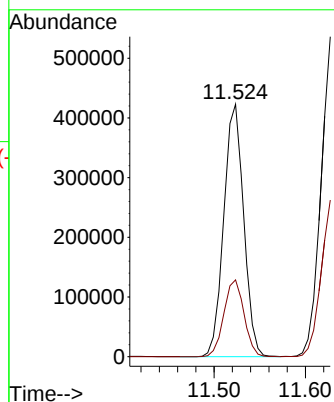
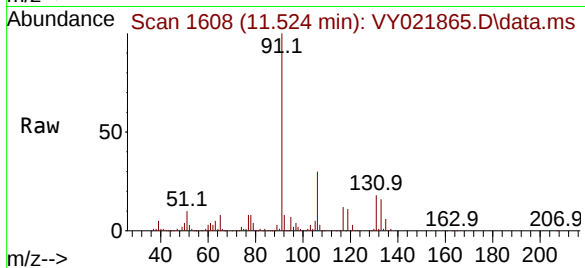
VSTDCCC050

Tgt Ion: 91 Resp: 640735

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 105.265 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021865.D

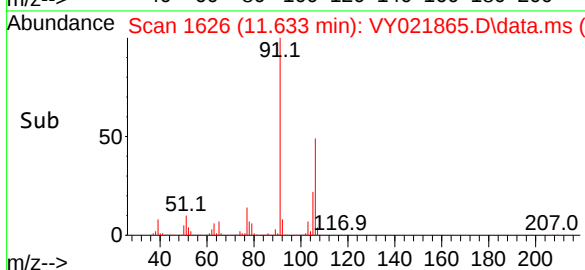
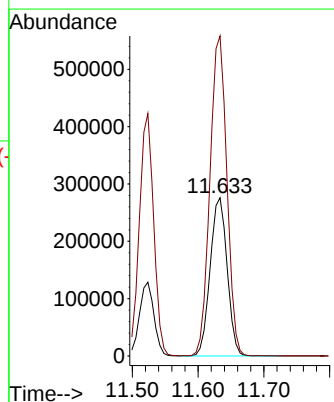
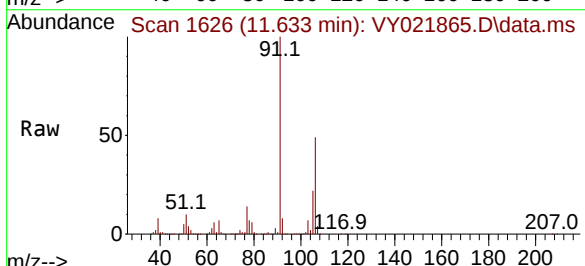
Acq: 14 Apr 2025 09:49

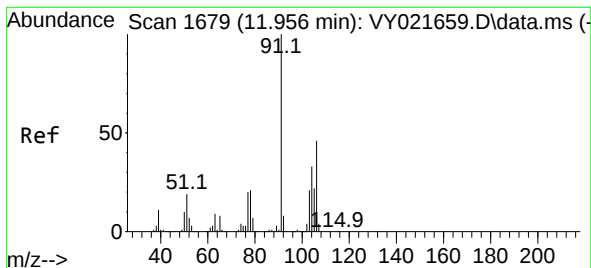
Tgt Ion:106 Resp: 495694

Ion Ratio Lower Upper

106 100

91 201.8 162.4 243.6

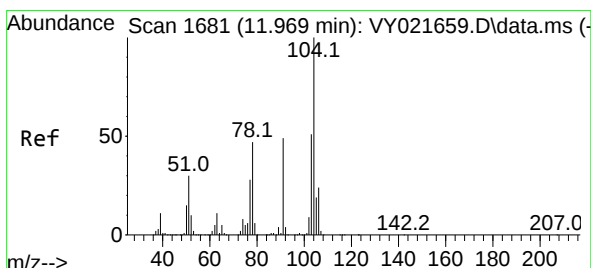
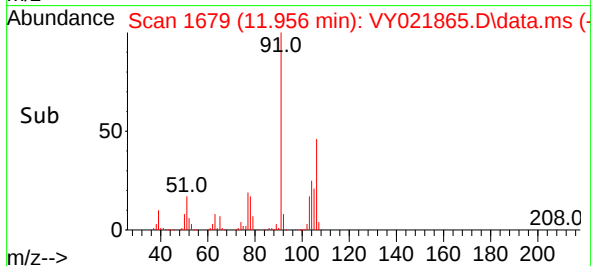
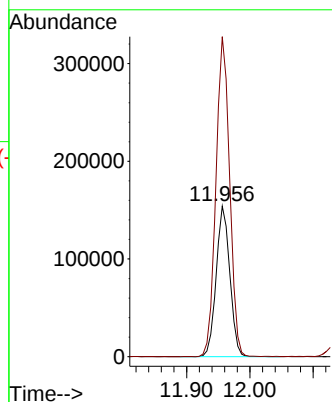
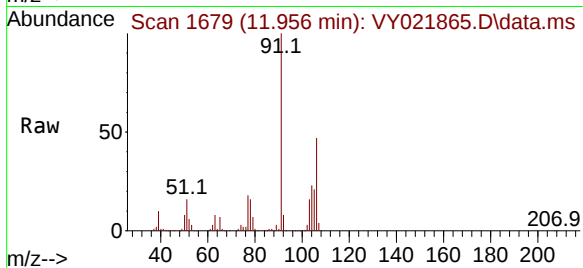




#69
o-Xylene
Concen: 52.847 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

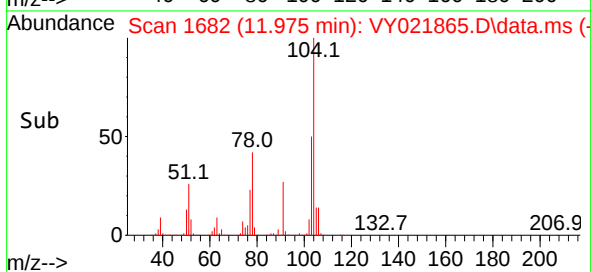
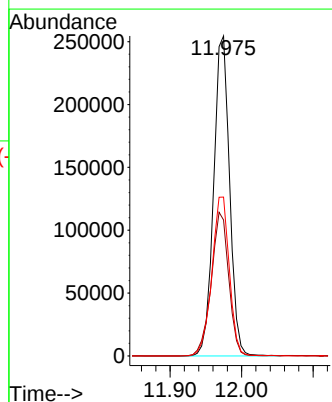
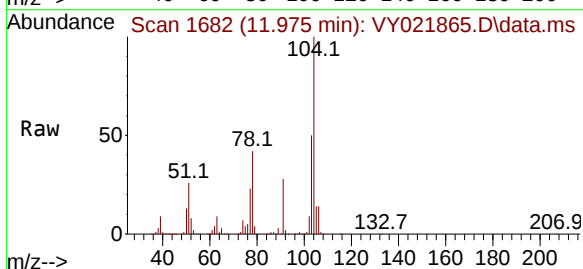
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

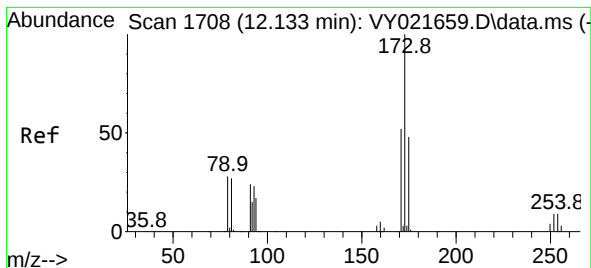
Tgt Ion:106 Resp: 229716
Ion Ratio Lower Upper
106 100
91 214.3 106.7 319.9



#70
Styrene
Concen: 54.298 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion:104 Resp: 393525
Ion Ratio Lower Upper
104 100
78 49.3 40.8 61.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 51.732 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

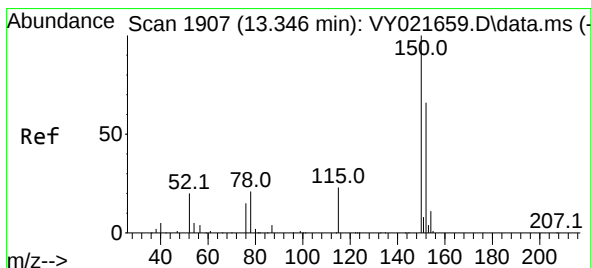
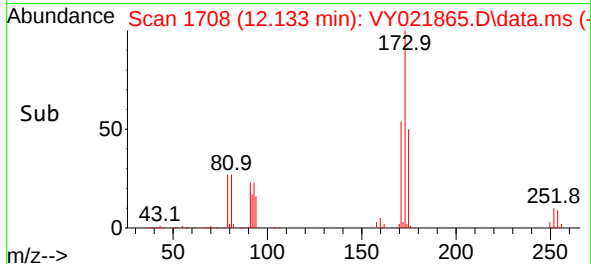
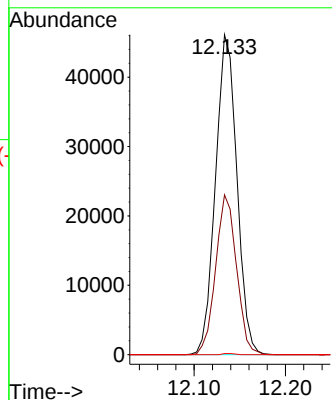
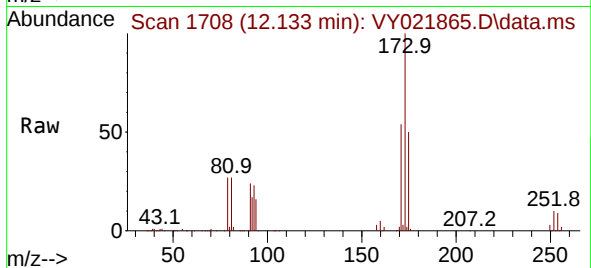
Tgt Ion:173 Resp: 75083

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

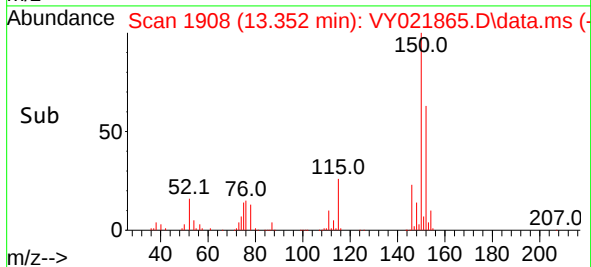
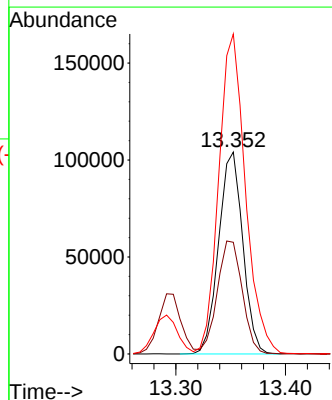
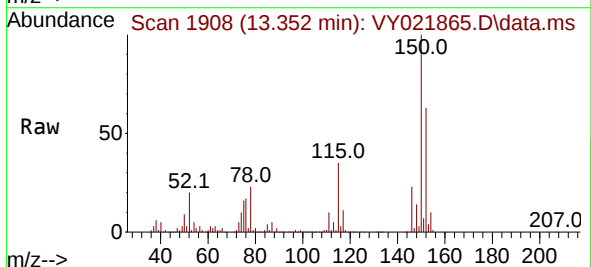
Tgt Ion:152 Resp: 159425

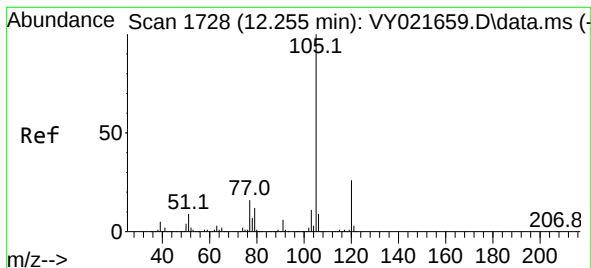
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 175.1 0.0 348.4





#73

Isopropylbenzene

Concen: 51.962 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

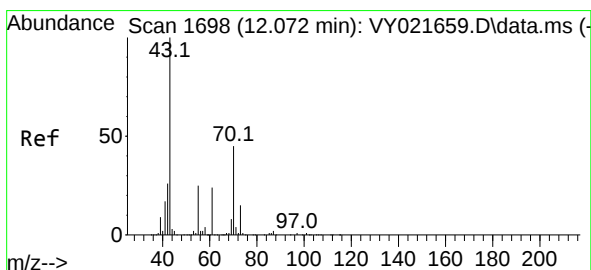
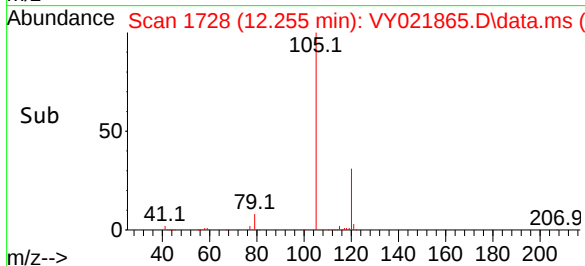
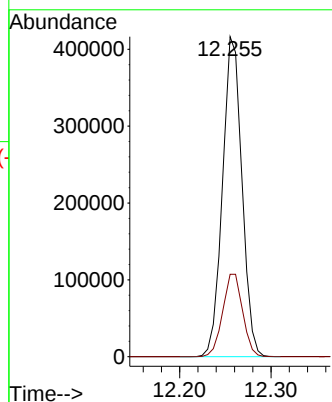
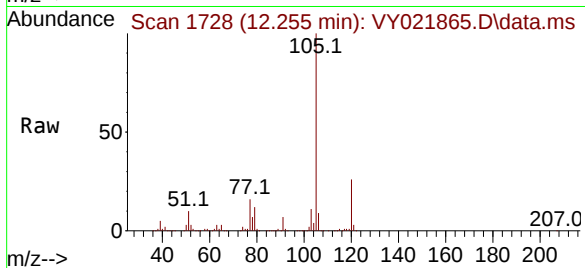
VSTDCCC050

Tgt Ion:105 Resp: 615291

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 45.802 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Tgt Ion: 43 Resp: 127282

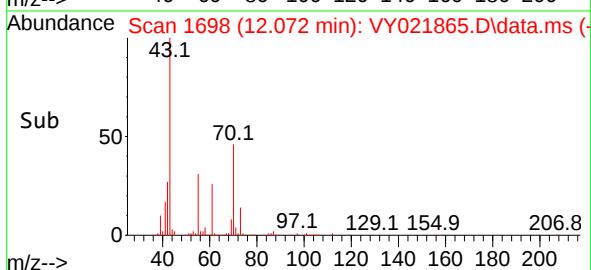
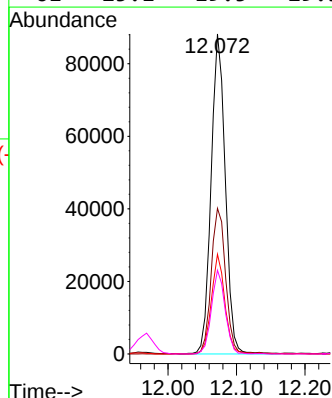
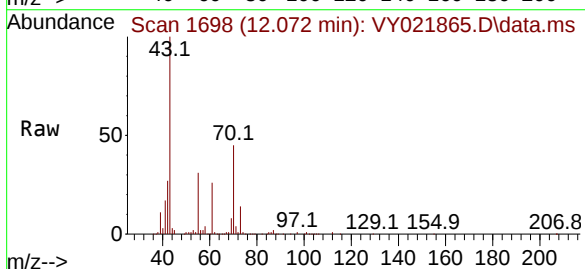
Ion Ratio Lower Upper

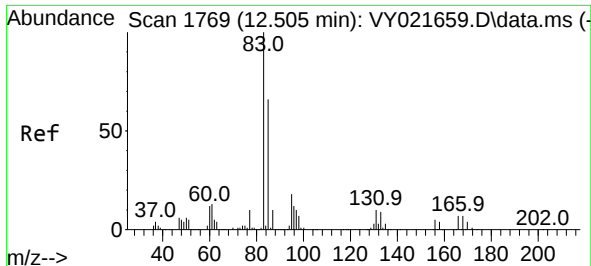
43 100

70 46.3 34.7 52.1

55 29.7 21.2 31.8

61 25.1 19.5 29.3

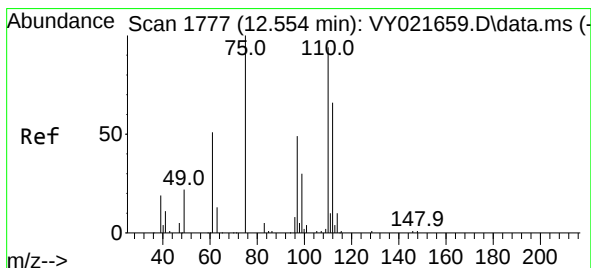
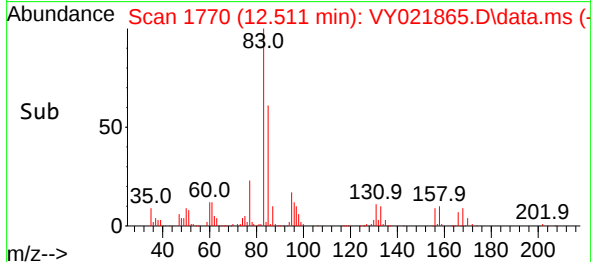
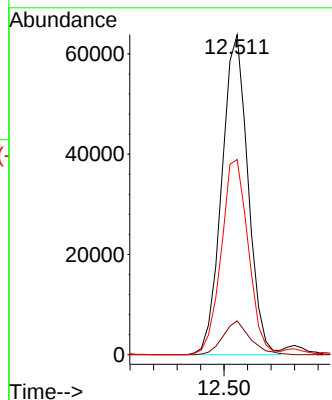
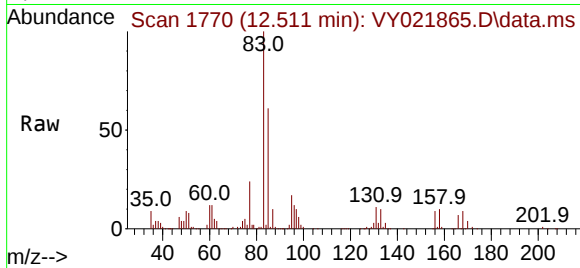




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.443 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

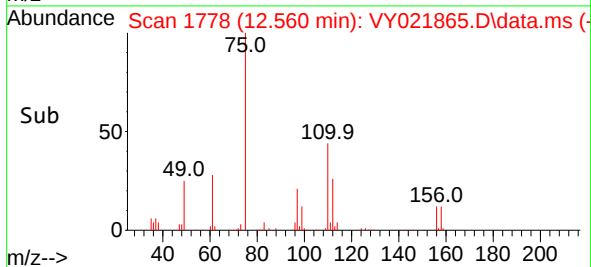
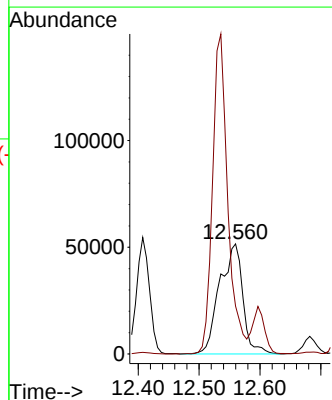
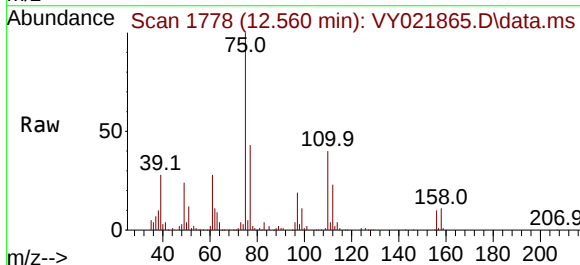
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

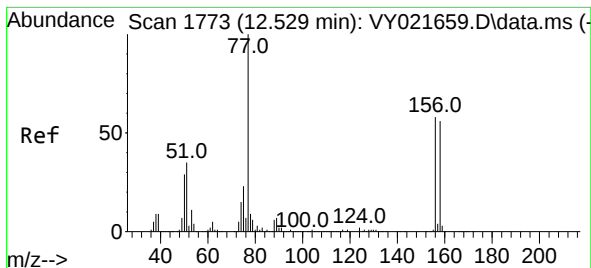
Tgt Ion: 83 Resp: 98873
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 63.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 86.344 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021865.D
 Acq: 14 Apr 2025 09:49

Tgt Ion: 75 Resp: 136450
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.774 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

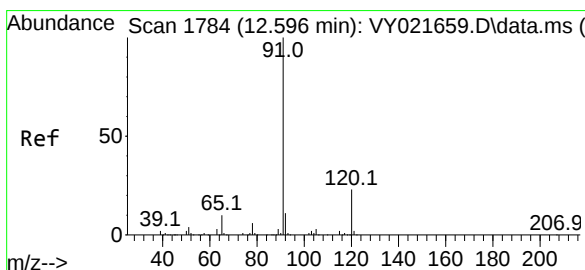
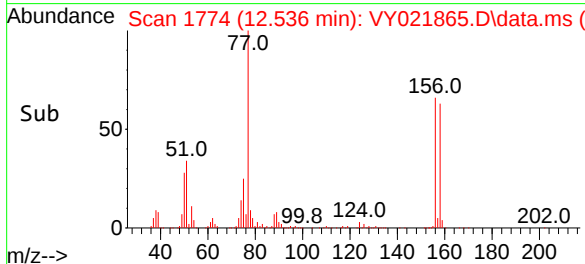
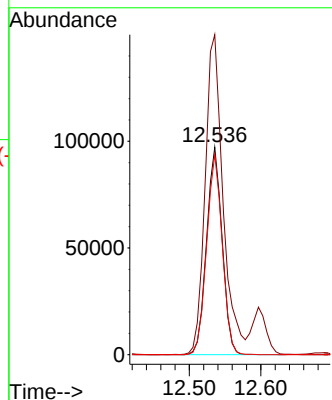
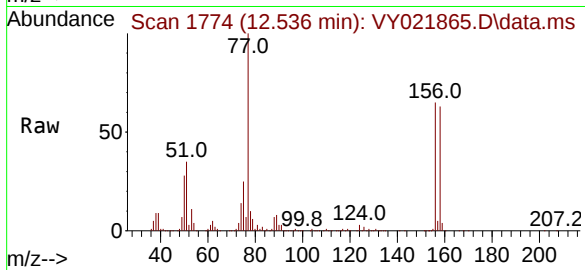
Tgt Ion:156 Resp: 147195

Ion Ratio Lower Upper

156 100

77 177.2 92.8 278.3

158 96.6 48.5 145.6



#78

n-propylbenzene

Concen: 51.539 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021865.D

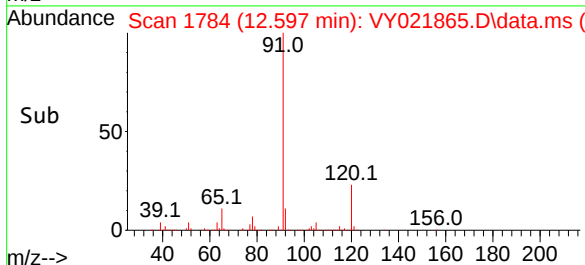
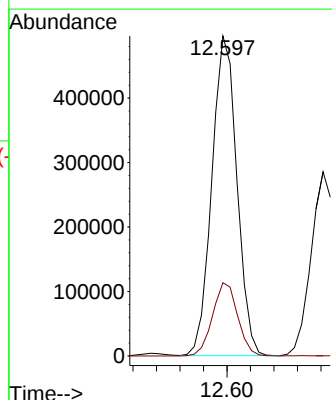
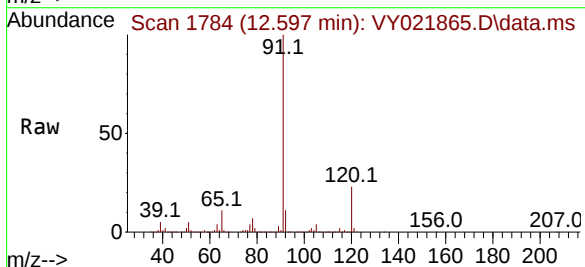
Acq: 14 Apr 2025 09:49

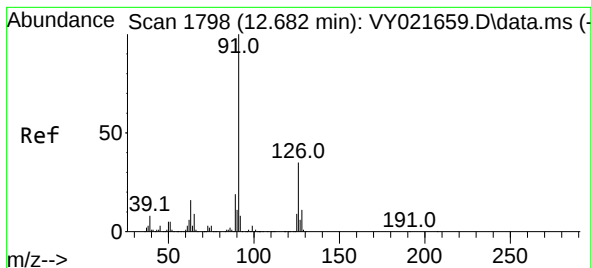
Tgt Ion: 91 Resp: 733693

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

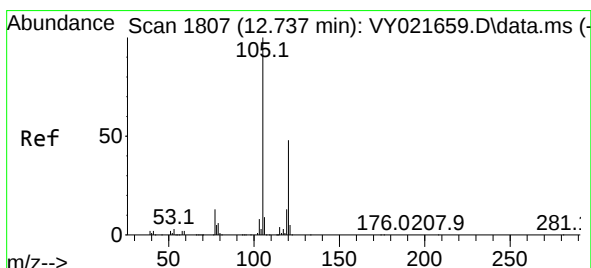
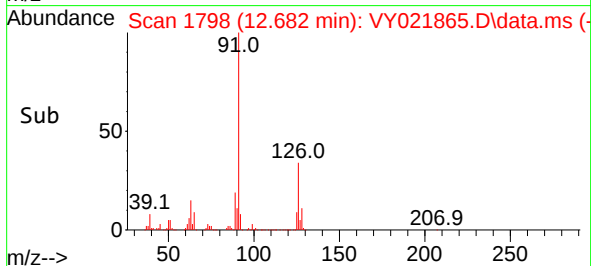
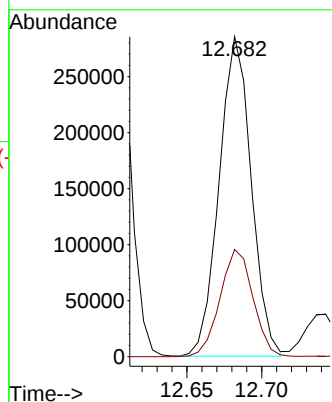
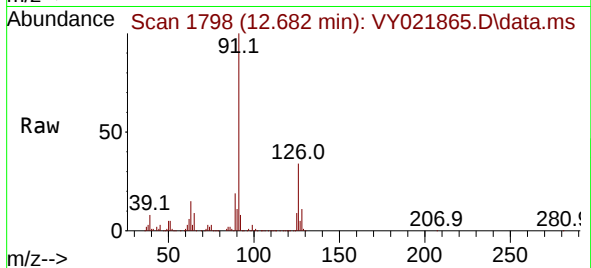




#79
2-Chlorotoluene
Concen: 51.464 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

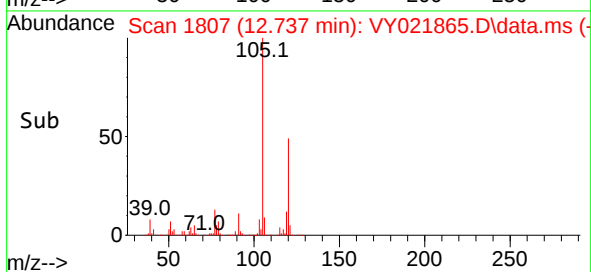
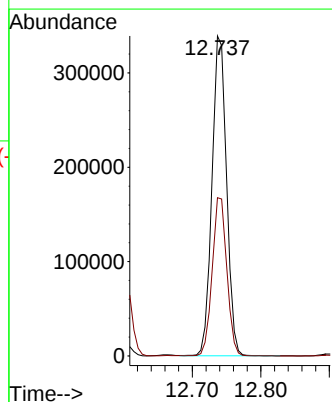
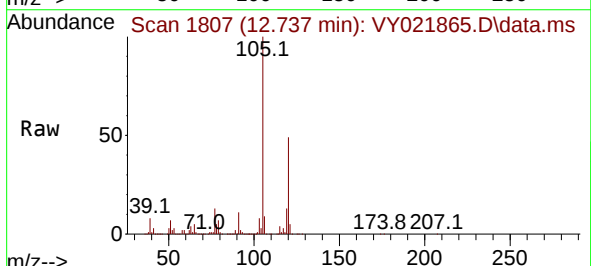
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

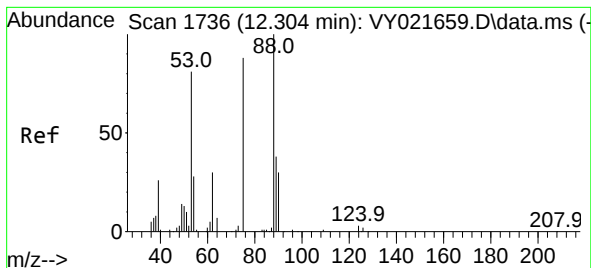
Tgt Ion: 91 Resp: 425523
Ion Ratio Lower Upper
91 100
126 34.5 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 51.878 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 105 Resp: 502060
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5

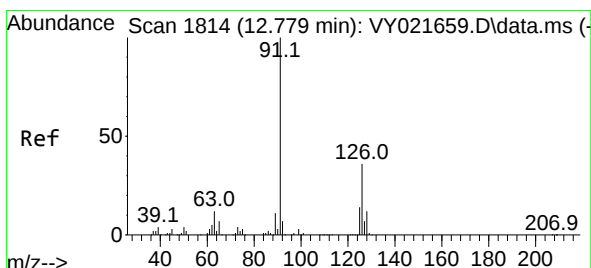
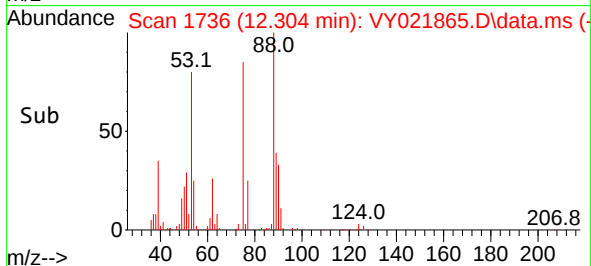
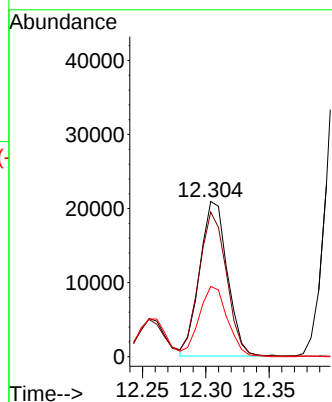
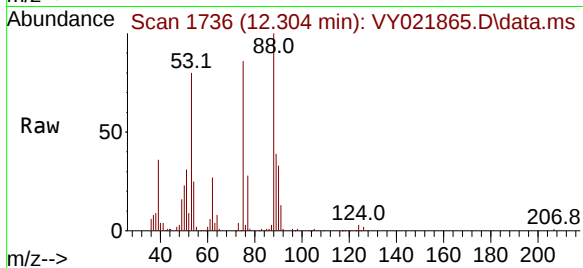




#81
trans-1,4-Dichloro-2-butene
Concen: 46.305 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

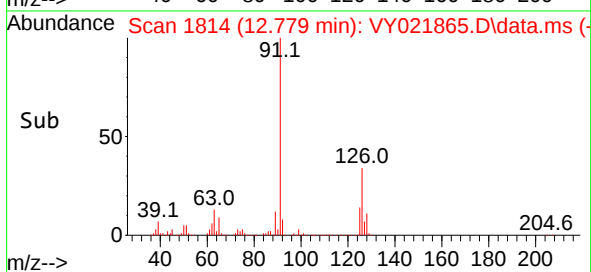
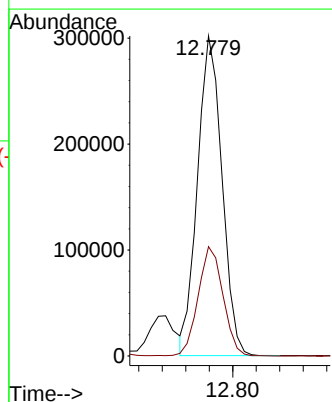
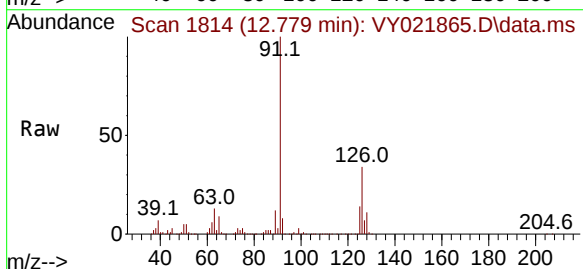
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

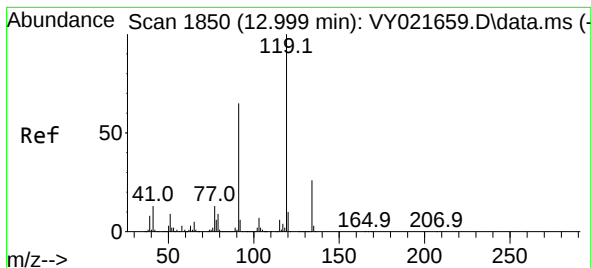
Tgt Ion: 75 Resp: 31758
Ion Ratio Lower Upper
75 100
53 93.7 76.1 114.1
89 46.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 50.660 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion: 91 Resp: 436702
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9





#83

tert-Butylbenzene

Concen: 52.433 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

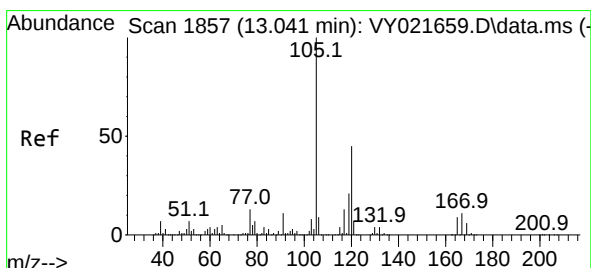
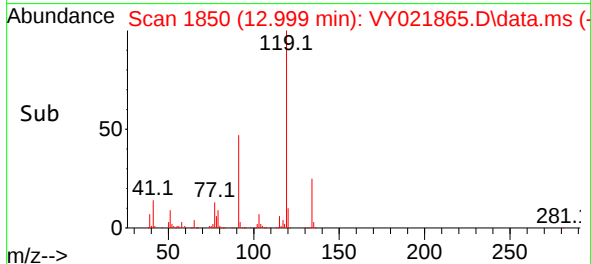
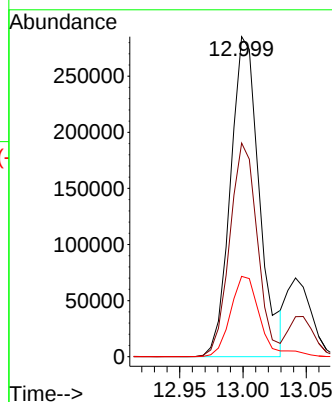
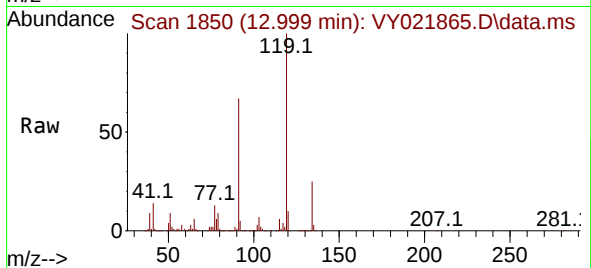
Tgt Ion:119 Resp: 451961

Ion Ratio Lower Upper

119 100

91 64.4 32.6 97.7

134 25.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 52.592 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021865.D

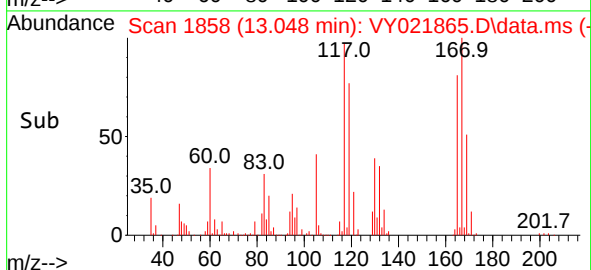
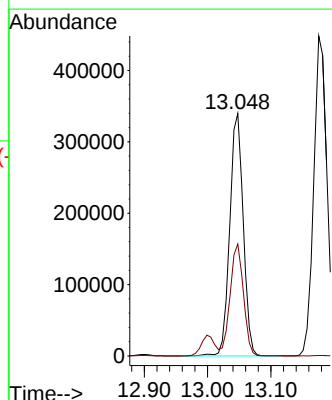
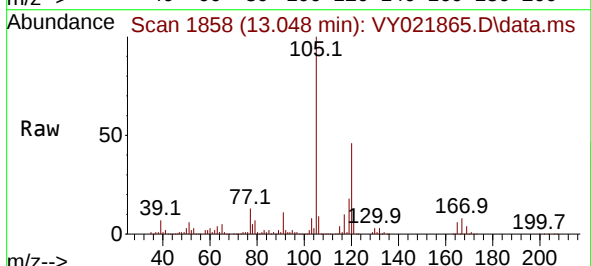
Acq: 14 Apr 2025 09:49

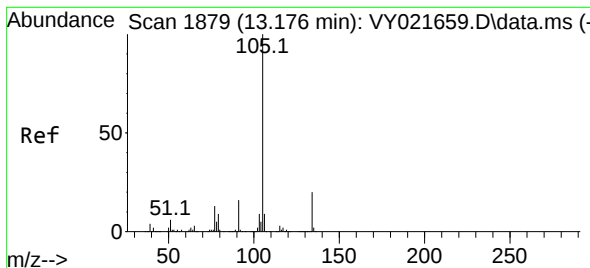
Tgt Ion:105 Resp: 503039

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.692 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

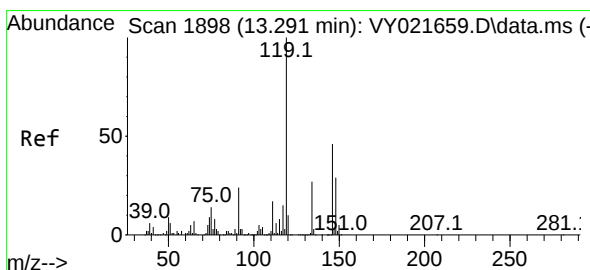
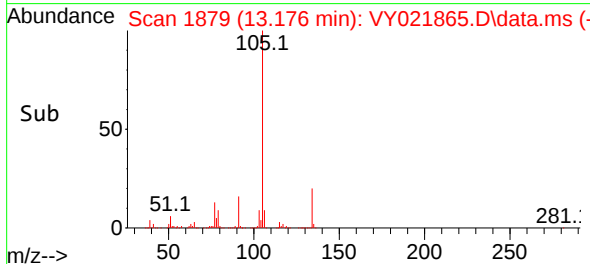
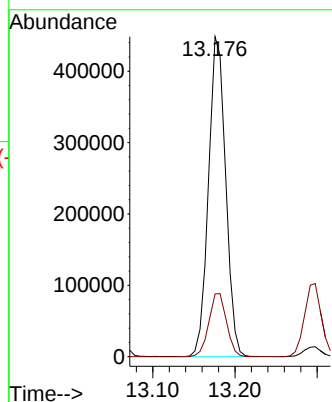
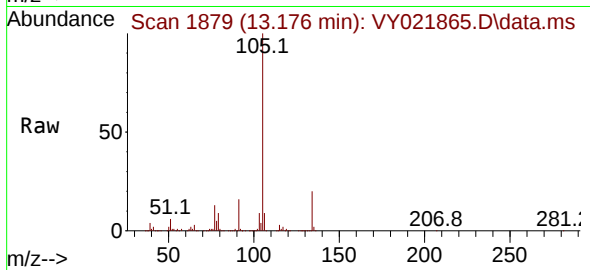
VSTDCCC050

Tgt Ion:105 Resp: 651160

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.238 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

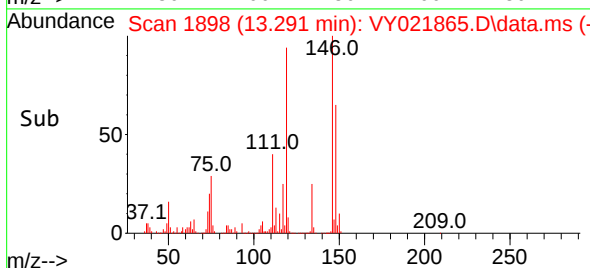
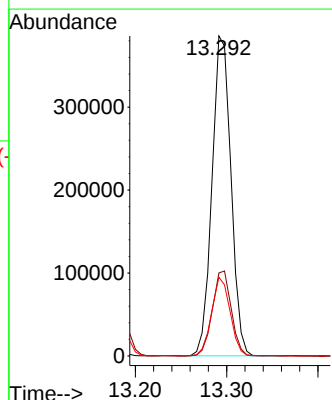
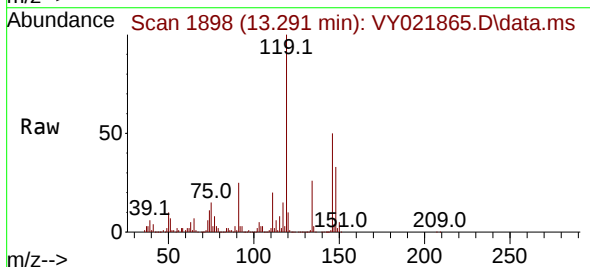
Tgt Ion:119 Resp: 554291

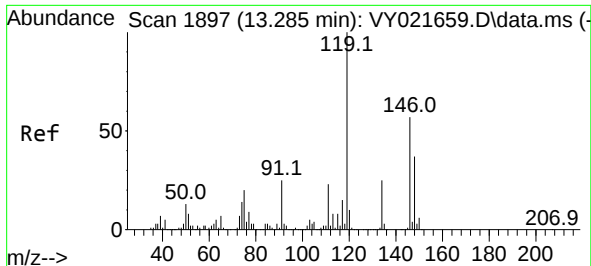
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 24.0 12.0 36.0

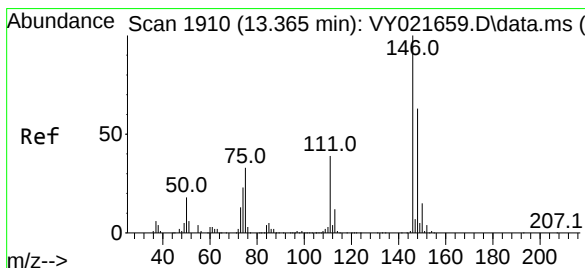
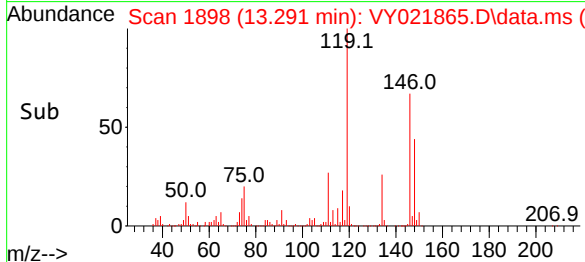
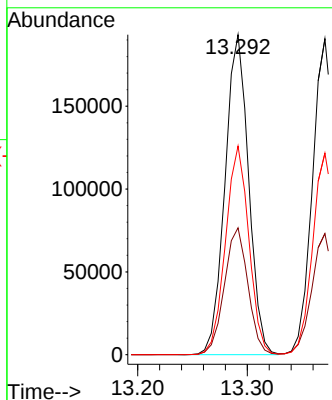
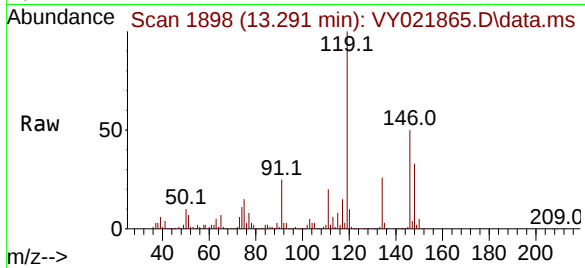




#87
1,3-Dichlorobenzene
Concen: 51.594 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

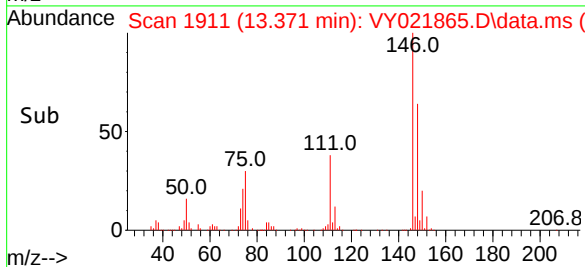
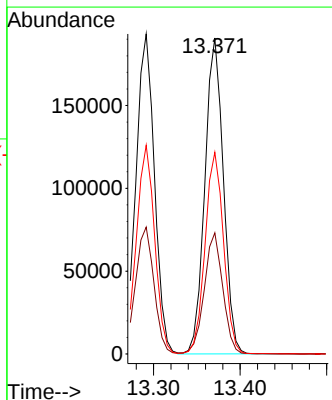
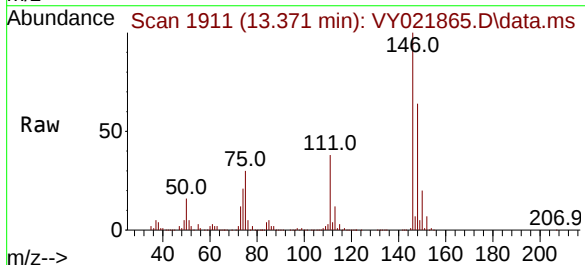
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

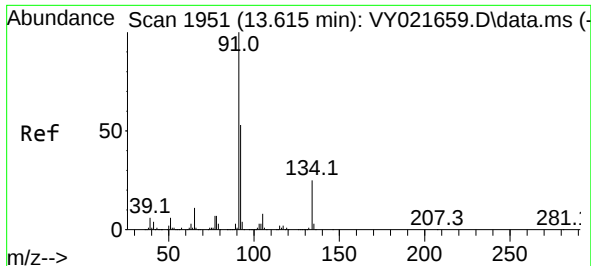
Tgt Ion:146 Resp: 288993
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 64.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 51.190 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021865.D
Acq: 14 Apr 2025 09:49

Tgt Ion:146 Resp: 283291
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 52.376 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

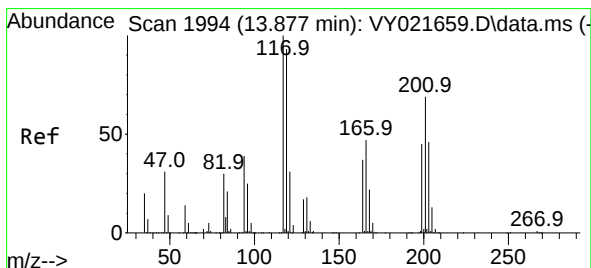
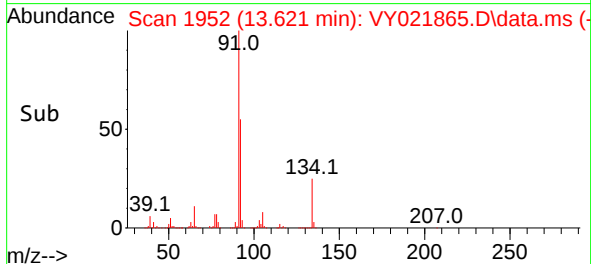
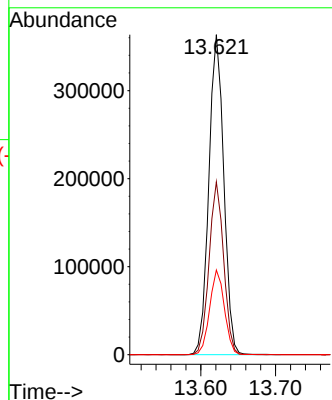
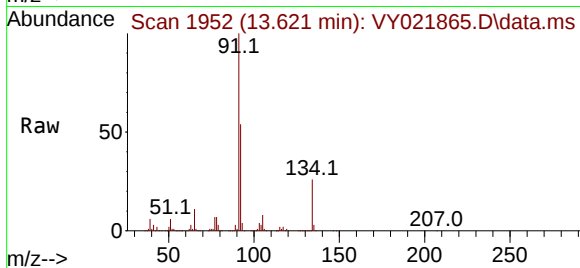
Tgt Ion: 91 Resp: 504309

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 26.1 12.8 38.4



#90

Hexachloroethane

Concen: 50.880 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021865.D

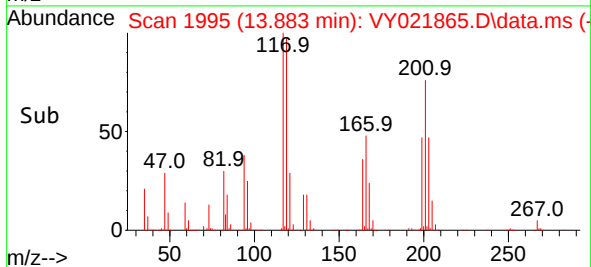
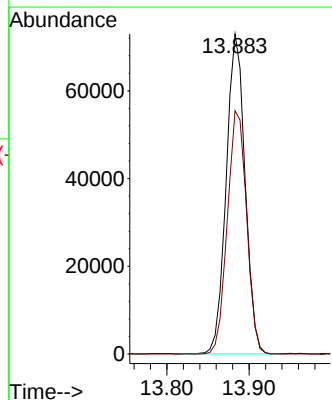
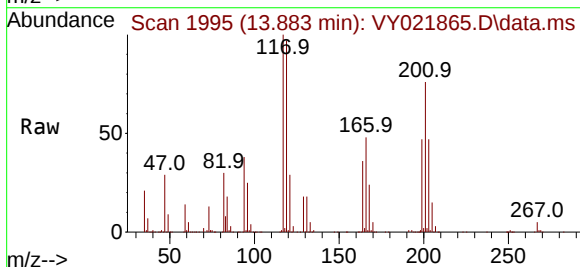
Acq: 14 Apr 2025 09:49

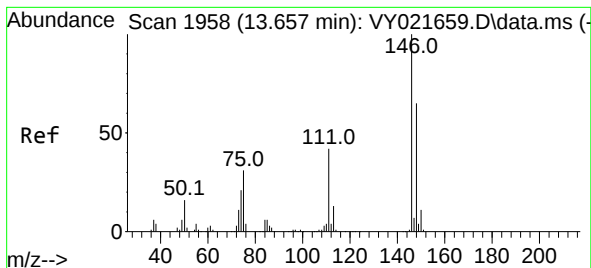
Tgt Ion: 117 Resp: 116086

Ion Ratio Lower Upper

117 100

201 77.6 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 51.637 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

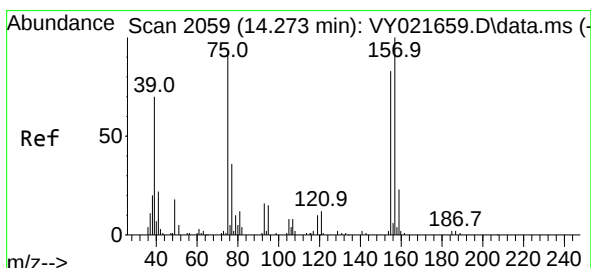
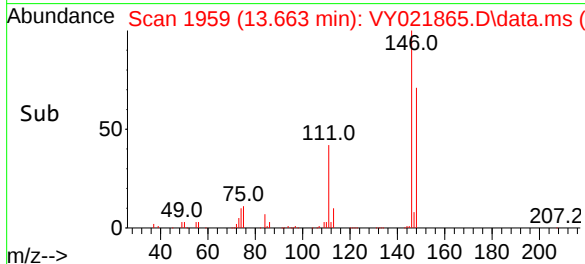
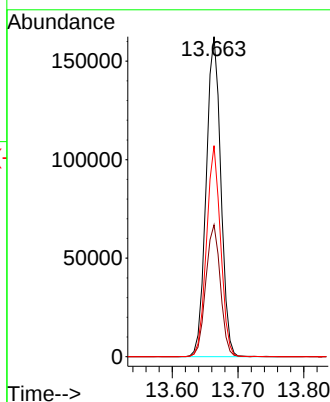
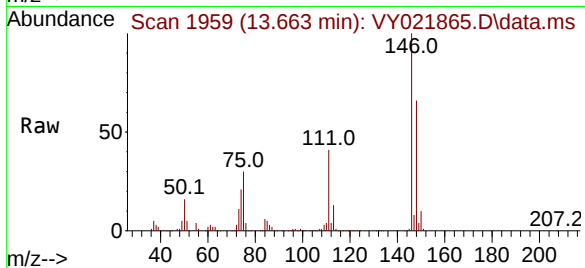
Tgt Ion:146 Resp: 251779

Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

148 63.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.796 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

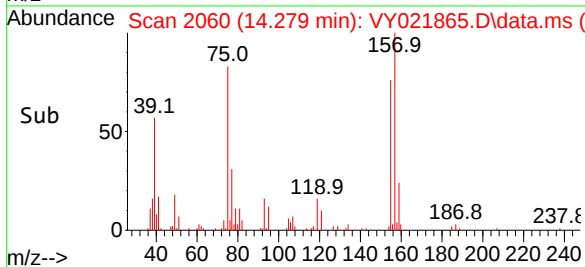
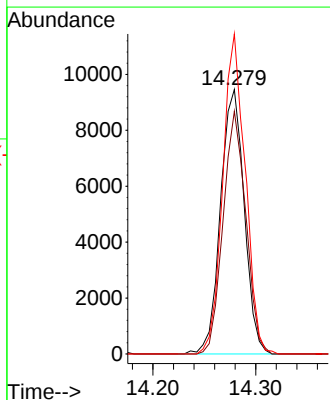
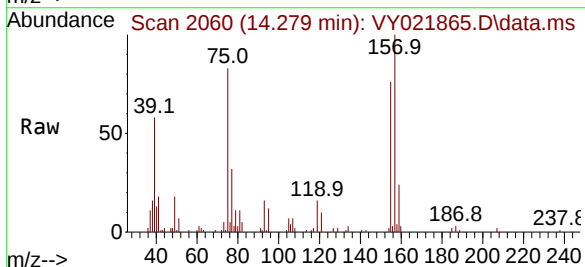
Tgt Ion: 75 Resp: 15111

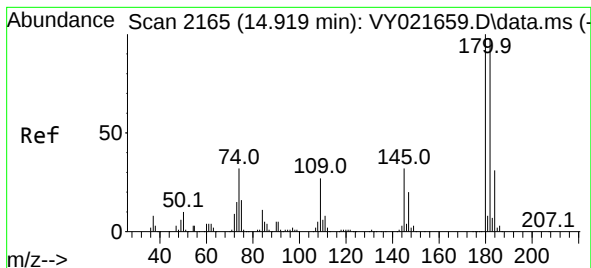
Ion Ratio Lower Upper

75 100

155 88.2 43.0 128.8

157 114.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.694 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

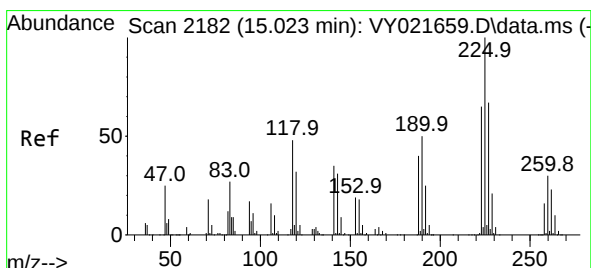
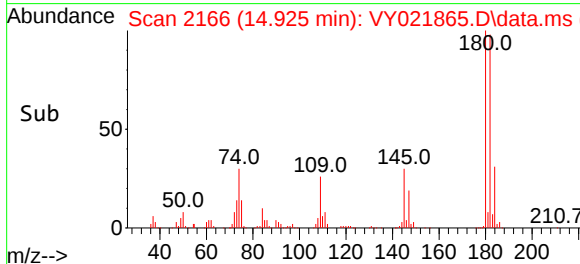
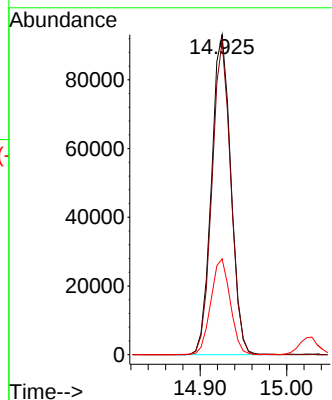
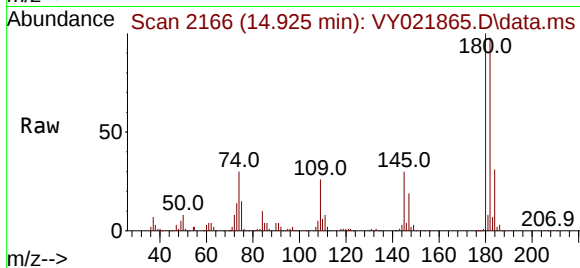
Tgt Ion:180 Resp: 144623

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.6

145 30.1 14.9 44.9



#94

Hexachlorobutadiene

Concen: 54.020 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

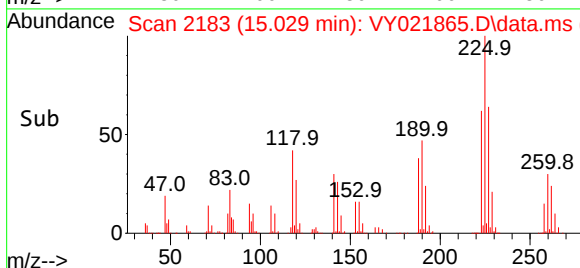
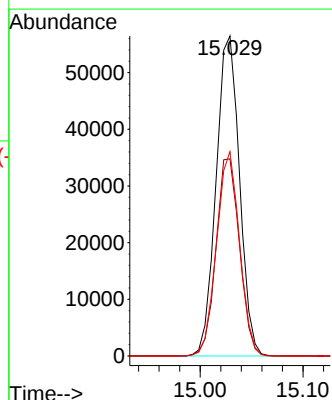
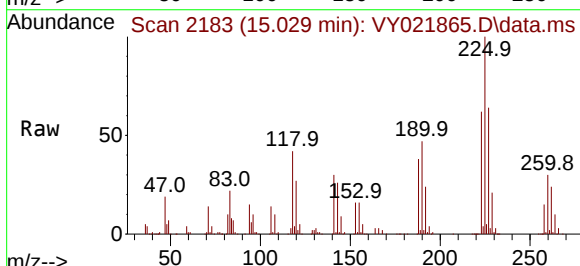
Tgt Ion:225 Resp: 89209

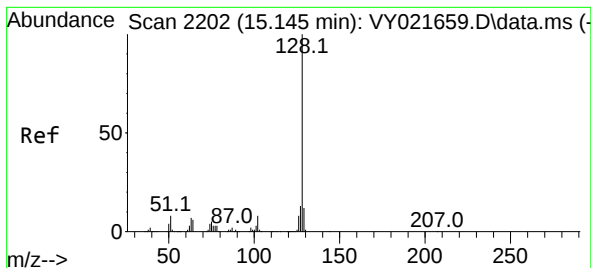
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.7

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 54.094 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

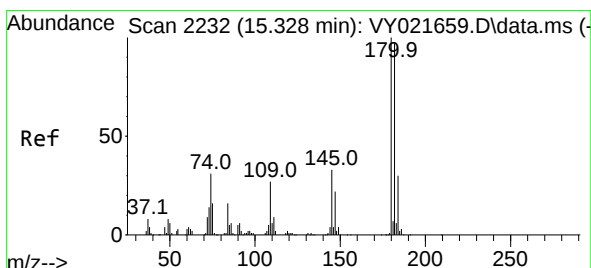
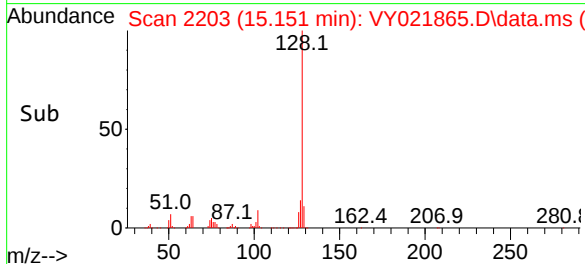
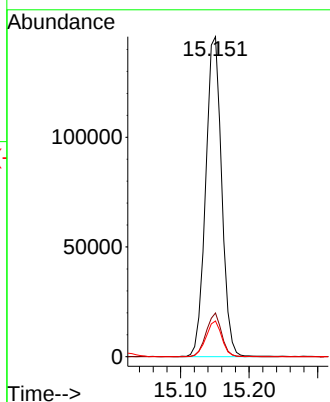
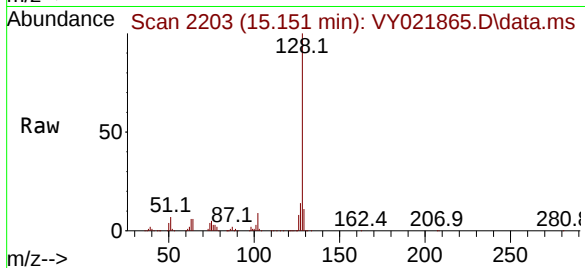
Tgt Ion:128 Resp: 237089

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.443 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021865.D

Acq: 14 Apr 2025 09:49

Tgt Ion:180 Resp: 122762

Ion Ratio Lower Upper

180 100

182 93.4 47.5 142.5

145 31.7 15.9 47.7

