

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020667.D
 Acq On : 20 Dec 2024 13:34
 Operator : SY/MD
 Sample : VY1220SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBSD01

Quant Time: Dec 20 18:08:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	154597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	238791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	207851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89782	53.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.060%	
35) Dibromofluoromethane	7.634	113	87467	51.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.103	98	317644	53.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.408	95	118853	51.581	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	46183	23.917	ug/l	100
3) Chloromethane	2.068	50	26136	18.267	ug/l	96
4) Vinyl Chloride	2.202	62	20627	15.490	ug/l	99
5) Bromomethane	2.592	94	12936	15.112	ug/l	98
6) Chloroethane	2.733	64	11953	14.525	ug/l	98
7) Trichlorofluoromethane	3.062	101	46655	16.744	ug/l	96
8) Diethyl Ether	3.458	74	13711	14.031	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	28315	14.177	ug/l	98
10) Methyl Iodide	4.007	142	32674	14.694	ug/l	92
11) Tert butyl alcohol	4.854	59	14349	55.423	ug/l	95
12) 1,1-Dichloroethene	3.793	96	27039	13.953	ug/l	87
13) Acrolein	3.659	56	5532	69.097	ug/l	96
14) Allyl chloride	4.385	41	39213	11.548	ug/l	90
15) Acrylonitrile	5.055	53	29353	62.786	ug/l	99
16) Acetone	3.873	43	20534	56.052	ug/l	# 88
17) Carbon Disulfide	4.104	76	88129	13.971	ug/l	97
18) Methyl Acetate	4.391	43	13712	11.903	ug/l	92
19) Methyl tert-butyl Ether	5.122	73	71311	14.257	ug/l	93
20) Methylene Chloride	4.616	84	28001	13.301	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	30978	14.251	ug/l	88
22) Diisopropyl ether	6.025	45	96975	14.069	ug/l	94
23) Vinyl Acetate	5.964	43	267947	68.637	ug/l	# 94
24) 1,1-Dichloroethane	5.921	63	56185	13.914	ug/l	97
25) 2-Butanone	6.896	43	57567	91.487	ug/l	95
26) 2,2-Dichloropropane	6.884	77	71251	18.666	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	47563	19.017	ug/l	99
28) Bromochloromethane	7.250	49	21651	15.896	ug/l	96
29) Tetrahydrofuran	7.262	42	39939	100.545	ug/l	98
30) Chloroform	7.421	83	86753	18.008	ug/l	98
31) Cyclohexane	7.701	56	82760	21.435	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	78587	21.184	ug/l	100
36) 1,1-Dichloropropene	7.835	75	67576	22.021	ug/l	100
37) Ethyl Acetate	6.982	43	27819	19.272	ug/l	100
38) Carbon Tetrachloride	7.817	117	75478	22.231	ug/l	94
39) Methylcyclohexane	9.109	83	85612	21.405	ug/l	96
40) Benzene	8.079	78	198978	22.121	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020667.D
 Acq On : 20 Dec 2024 13:34
 Operator : SY/MD
 Sample : VY1220SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBSD01

Quant Time: Dec 20 18:08:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	38449	50.383	ug/l #	19
42) 1,2-Dichloroethane	8.158	62	52790	22.128	ug/l	99
43) Isopropyl Acetate	8.195	43	61389	22.464	ug/l #	88
44) Trichloroethene	8.866	130	49726	22.498	ug/l	96
45) 1,2-Dichloropropane	9.140	63	47049	22.380	ug/l	100
46) Dibromomethane	9.231	93	24740	22.268	ug/l	99
47) Bromodichloromethane	9.420	83	65935	21.970	ug/l	99
48) Methyl methacrylate	9.219	41	28515	21.949	ug/l	99
49) 1,4-Dioxane	9.225	88	5646	443.123	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	156324	108.373	ug/l	99
52) Toluene	10.170	92	123673	22.124	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	60417	21.605	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	72340	21.830	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	32853	22.365	ug/l	99
56) Ethyl methacrylate	10.438	69	46933	22.024	ug/l	97
57) 1,3-Dichloropropane	10.713	76	57877	22.103	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	89896	100.257	ug/l	99
59) 2-Hexanone	10.762	43	102848	111.052	ug/l	100
60) Dibromochloromethane	10.908	129	43570	22.179	ug/l	100
61) 1,2-Dibromoethane	11.012	107	31084	22.750	ug/l	98
64) Tetrachloroethene	10.646	164	43165	22.078	ug/l	96
65) Chlorobenzene	11.438	112	129936	22.358	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	45362	22.826	ug/l	99
67) Ethyl Benzene	11.518	91	236674	22.074	ug/l	99
68) m/p-Xylenes	11.627	106	176607	44.301	ug/l	99
69) o-Xylene	11.957	106	82303	22.127	ug/l	98
70) Styrene	11.969	104	138486	22.284	ug/l	98
71) Bromoform	12.133	173	25202	22.556	ug/l #	99
73) Isopropylbenzene	12.255	105	223291	21.536	ug/l	100
74) N-amyl acetate	12.072	43	54037	22.269	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37121	22.056	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	50195	40.668	ug/l #	100
77) Bromobenzene	12.530	156	48228	21.353	ug/l	96
78) n-propylbenzene	12.597	91	267926	21.448	ug/l	100
79) 2-Chlorotoluene	12.676	91	151653	21.578	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	182355	21.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12691	21.583	ug/l	96
82) 4-Chlorotoluene	12.780	91	158267	21.706	ug/l	99
83) tert-Butylbenzene	12.999	119	162779	21.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	180211	21.837	ug/l	99
85) sec-Butylbenzene	13.176	105	238168	21.499	ug/l	100
86) p-Isopropyltoluene	13.292	119	197046	21.573	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	95540	21.429	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	95023	21.519	ug/l	99
89) n-Butylbenzene	13.621	91	183392	21.186	ug/l	99
90) Hexachloroethane	13.883	117	38132	21.066	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	83132	21.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5790	21.190	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	48158	20.610	ug/l	99
94) Hexachlorobutadiene	15.029	225	32056	20.986	ug/l	98
95) Naphthalene	15.145	128	84632	21.127	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	40965	20.750	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020667.D
Acq On : 20 Dec 2024 13:34
Operator : SY/MD
Sample : VY1220SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

Quant Time: Dec 20 18:08:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

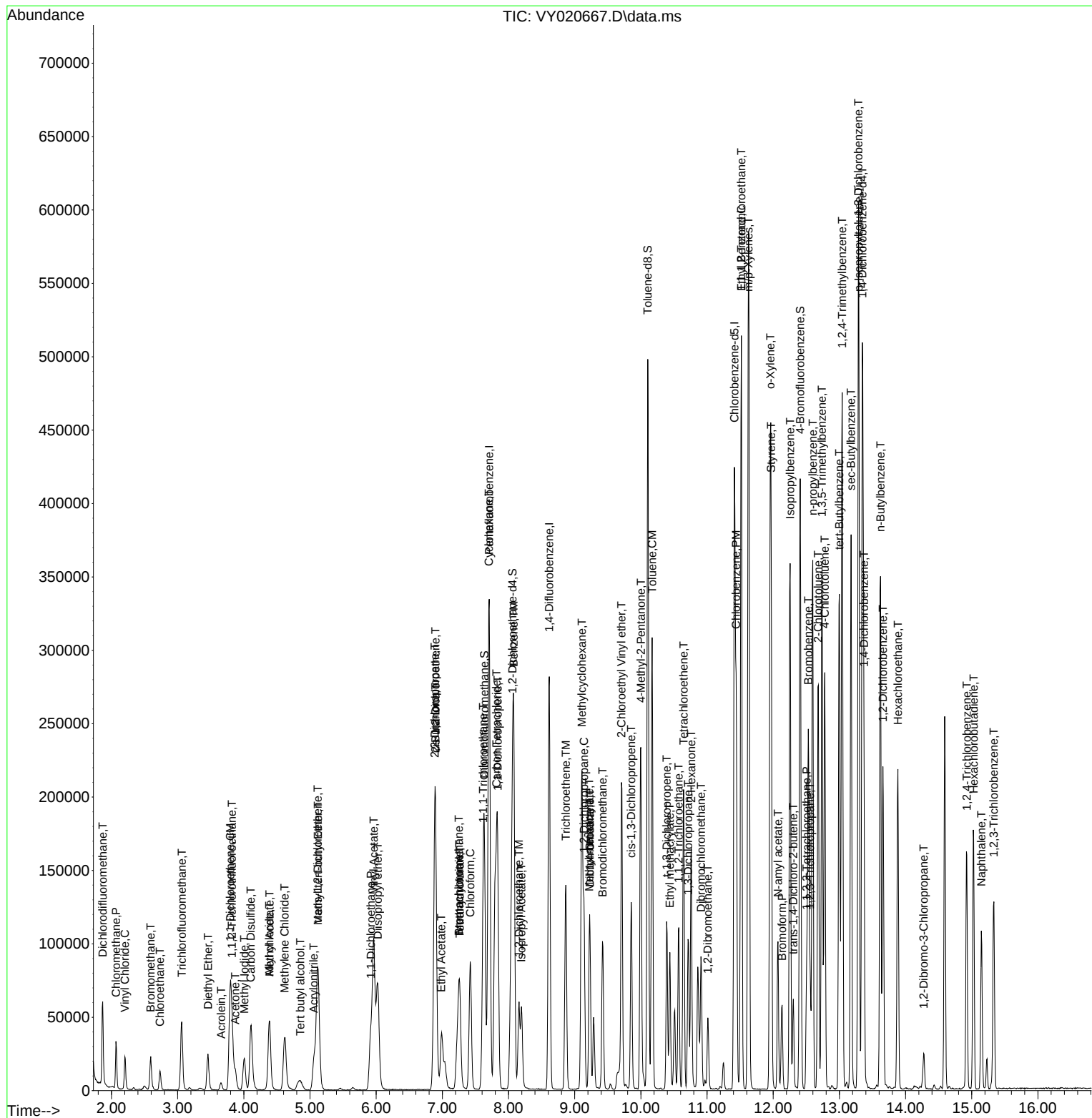
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

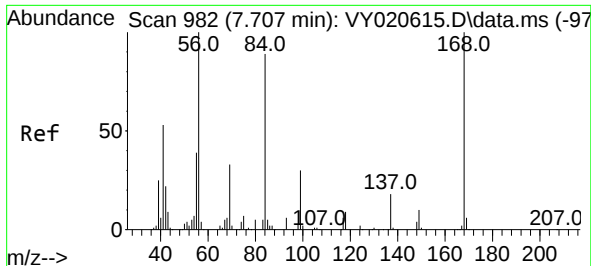
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020667.D
Acq On : 20 Dec 2024 13:34
Operator : SY/MD
Sample : VY1220SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

Quant Time: Dec 20 18:08:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

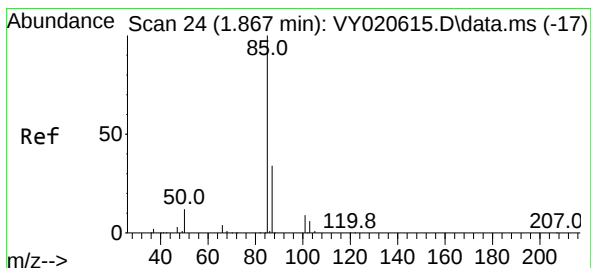
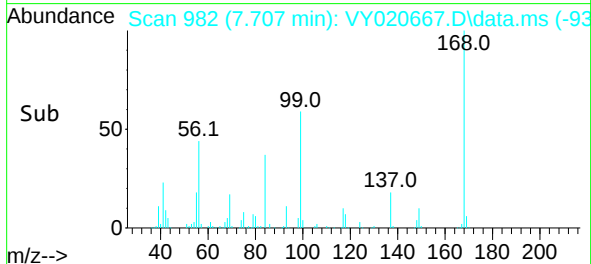
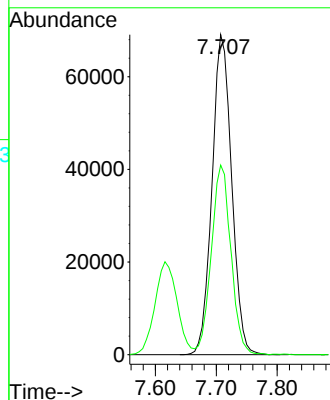
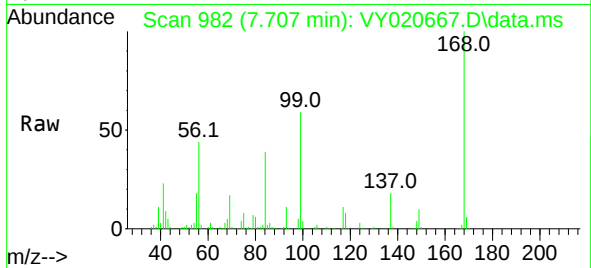




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

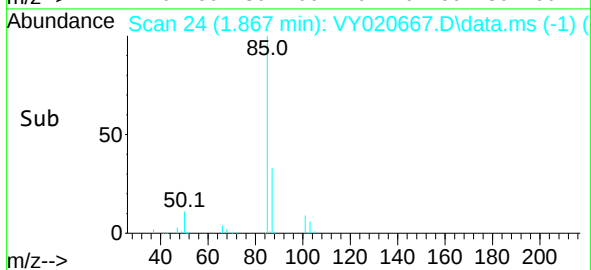
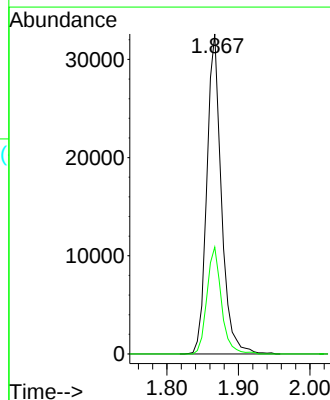
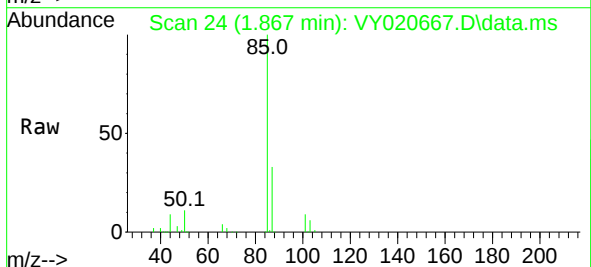
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

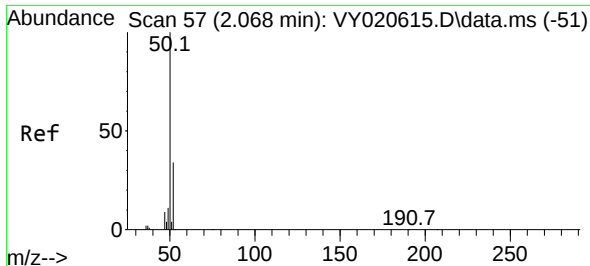
Tgt Ion:168 Resp: 154597
Ion Ratio Lower Upper
168 100
99 59.1 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 23.917 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 85 Resp: 46183
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.3

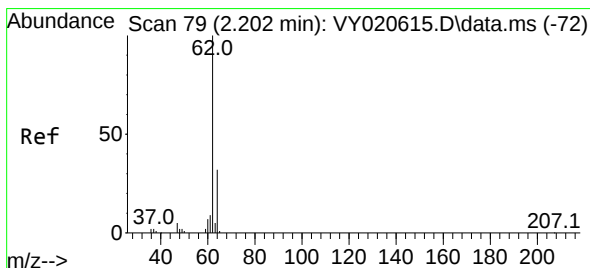
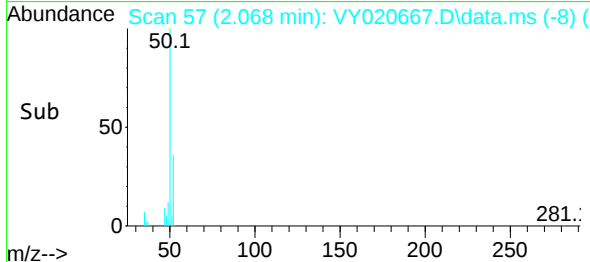
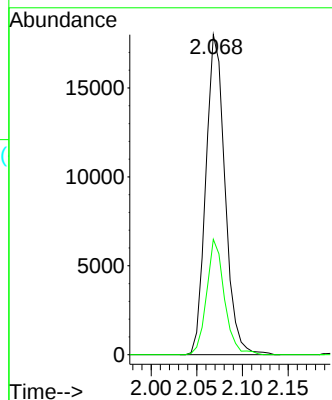
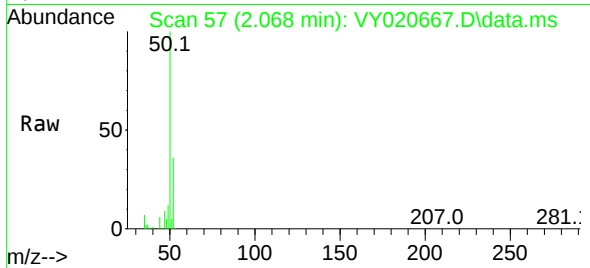




#3
Chloromethane
Concen: 18.267 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

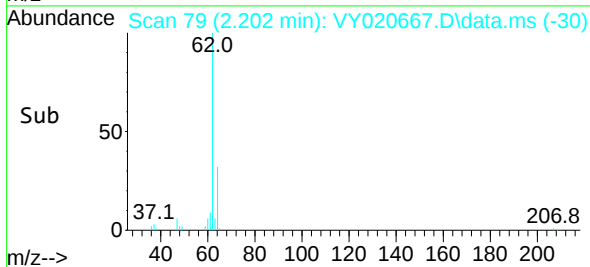
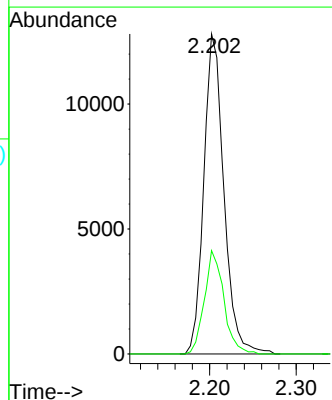
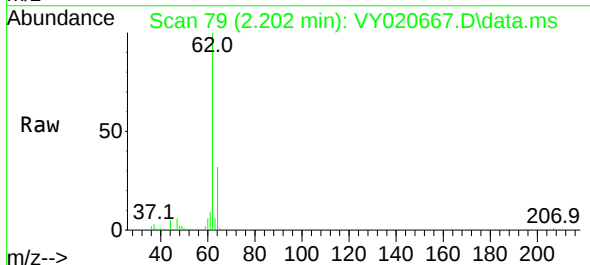
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

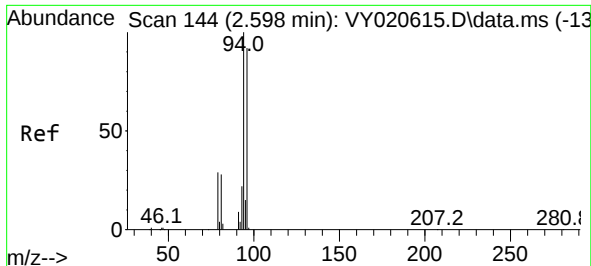
Tgt Ion: 50 Resp: 26136
Ion Ratio Lower Upper
50 100
52 36.0 26.8 40.2



#4
Vinyl Chloride
Concen: 15.490 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 62 Resp: 20627
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9

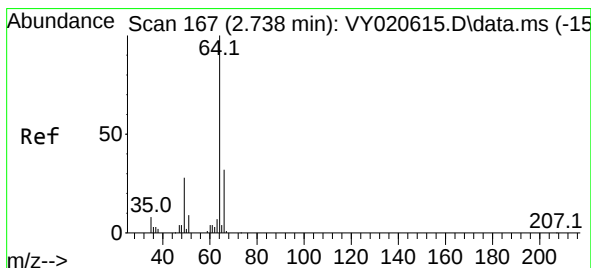
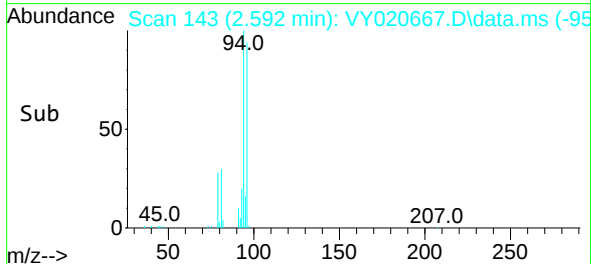
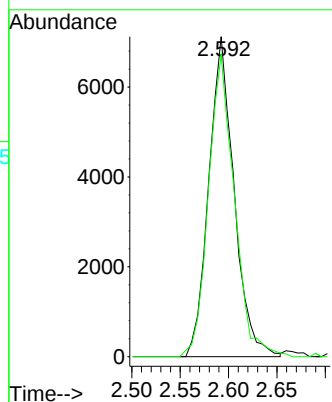
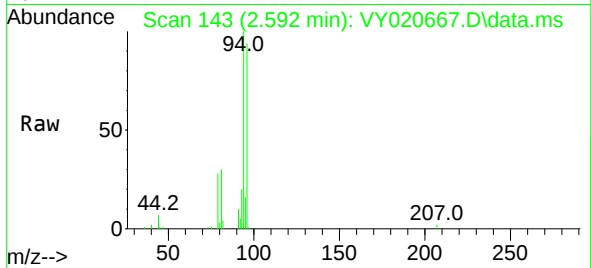




#5
Bromomethane
Concen: 15.112 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

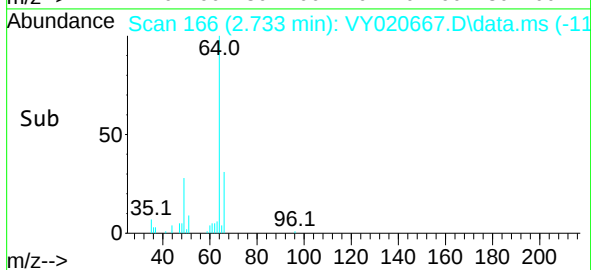
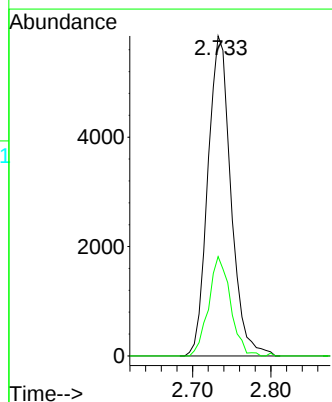
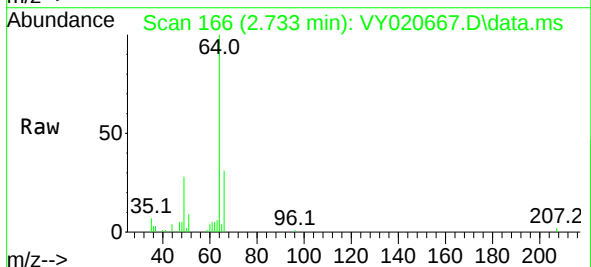
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

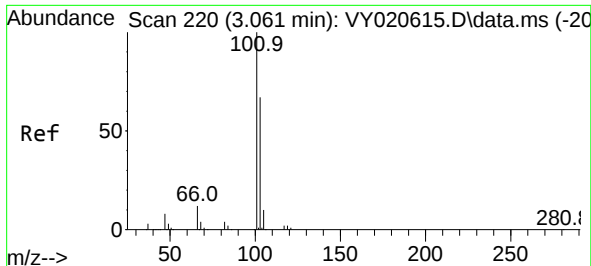
Tgt Ion: 94 Resp: 12936
Ion Ratio Lower Upper
94 100
96 94.2 73.8 110.6



#6
Chloroethane
Concen: 14.525 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 64 Resp: 11953
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.6

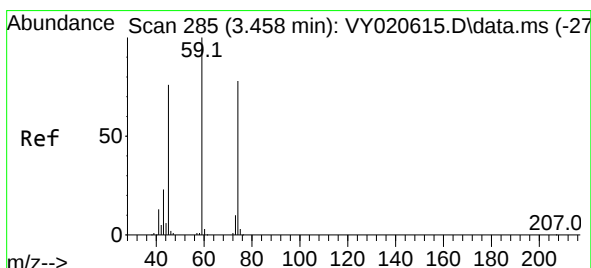
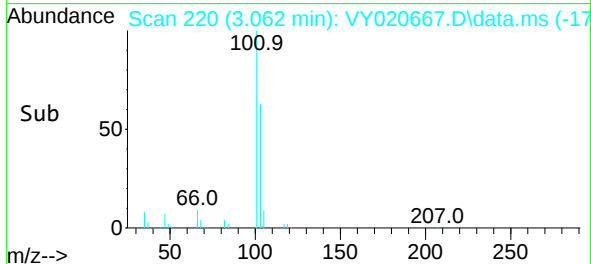
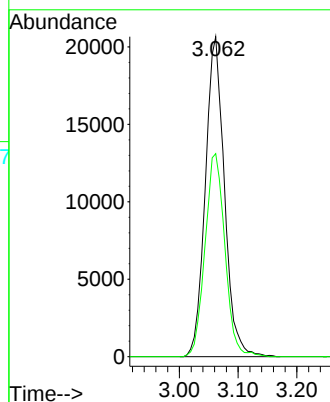
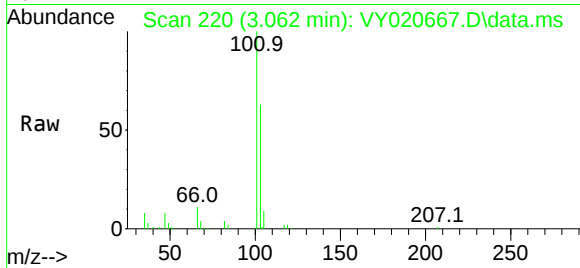




#7
 Trichlorofluoromethane
 Concen: 16.744 ug/l
 RT: 3.062 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

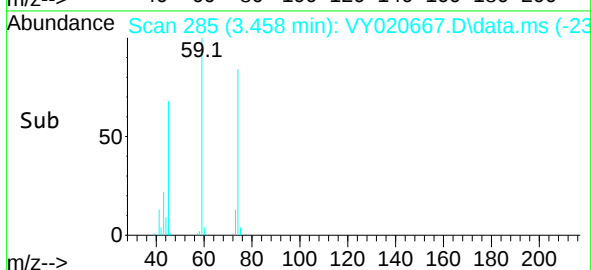
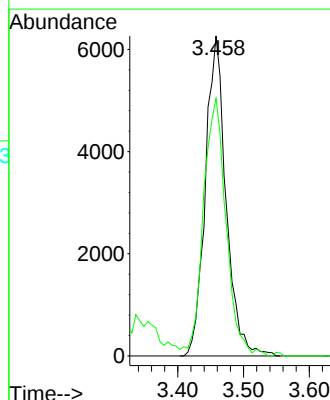
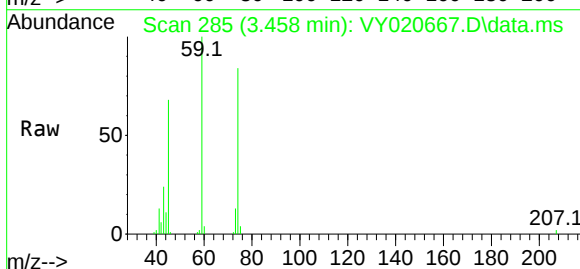
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

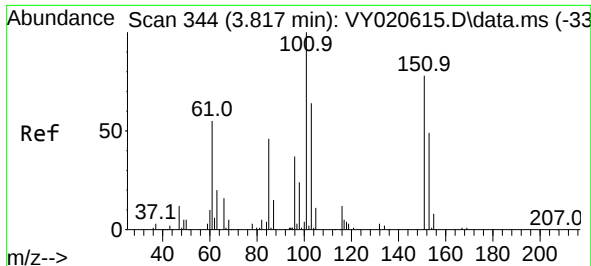
Tgt Ion:101 Resp: 46655
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.4 80.0



#8
 Diethyl Ether
 Concen: 14.031 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

Tgt Ion: 74 Resp: 13711
 Ion Ratio Lower Upper
 74 100
 45 88.1 49.0 147.2

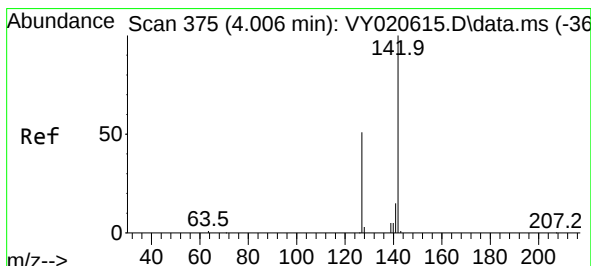
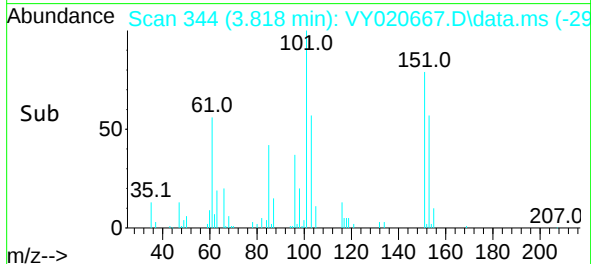
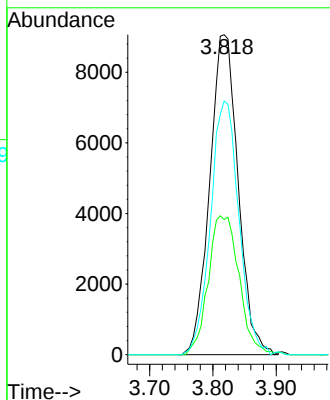
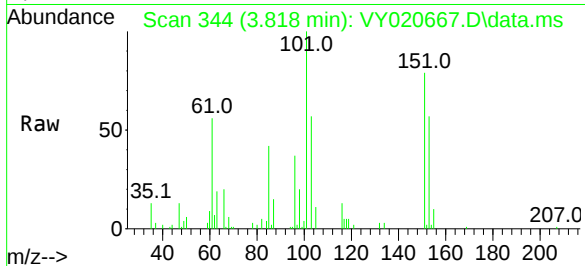




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.177 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

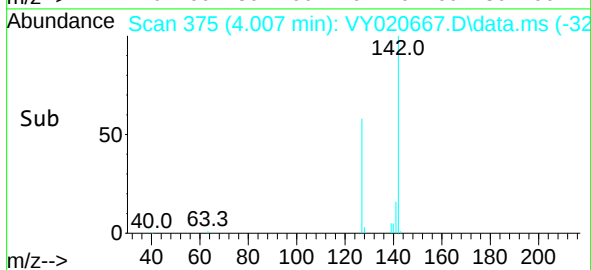
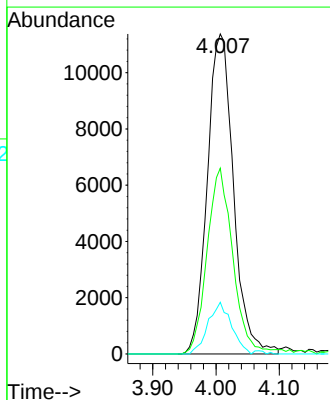
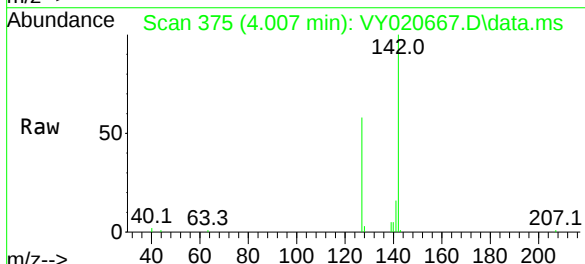
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

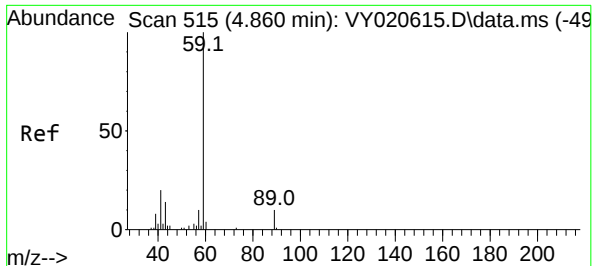
Tgt Ion:101 Resp: 28315
Ion Ratio Lower Upper
101 100
85 47.0 36.6 54.8
151 79.0 61.5 92.3



#10
Methyl Iodide
Concen: 14.694 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion:142 Resp: 32674
Ion Ratio Lower Upper
142 100
127 57.7 40.6 61.0
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 55.423 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

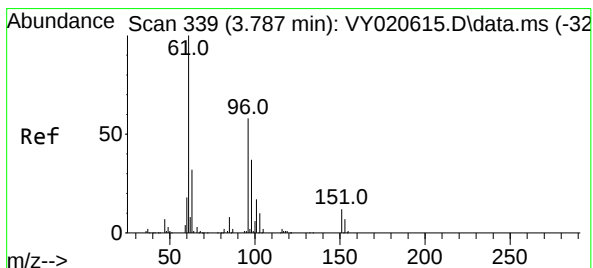
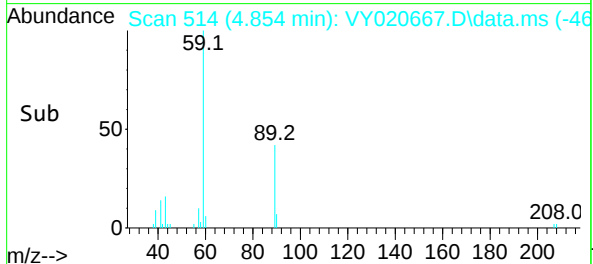
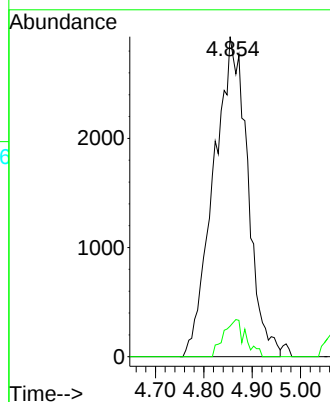
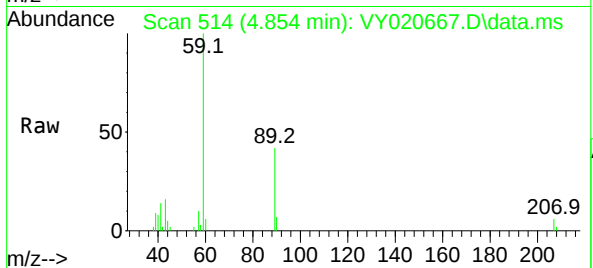
VY1220SBSD01

Tgt Ion: 59 Resp: 14349

Ion Ratio Lower Upper

59 100

57 7.5 7.4 11.0



#12

1,1-Dichloroethene

Concen: 13.953 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

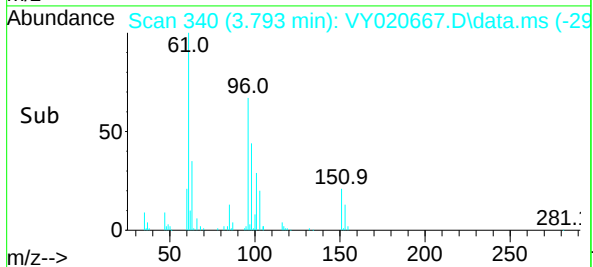
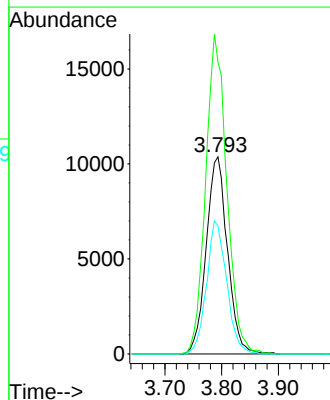
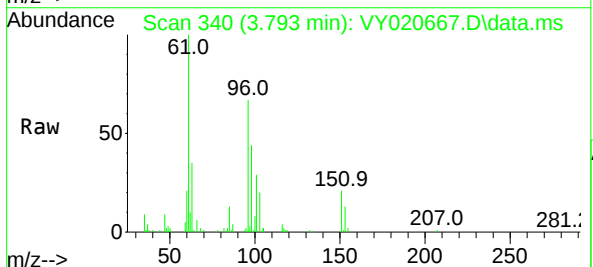
Tgt Ion: 96 Resp: 27039

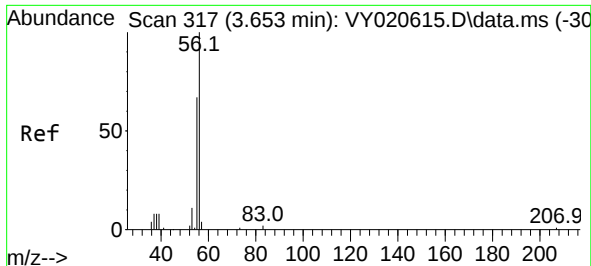
Ion Ratio Lower Upper

96 100

61 148.2 136.9 205.3

98 65.1 50.2 75.4





#13

Acrolein

Concen: 69.097 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

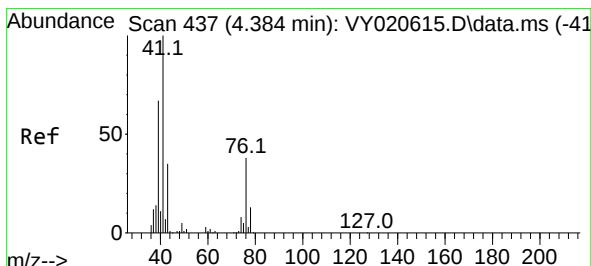
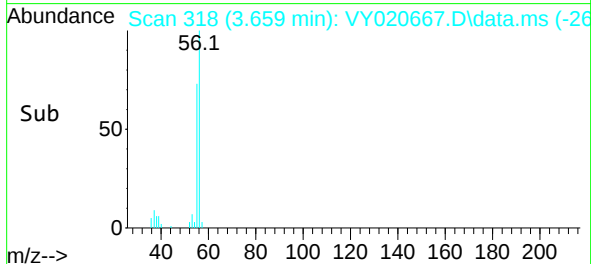
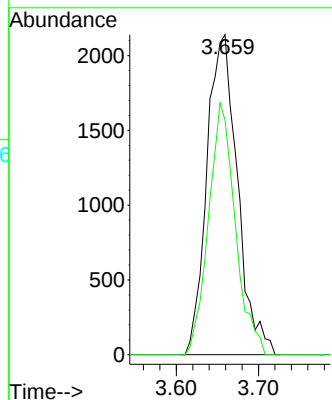
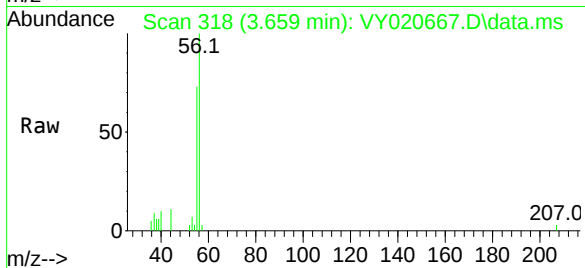
VY1220SBS01

Tgt Ion: 56 Resp: 5532

Ion Ratio Lower Upper

56 100

55 68.9 57.5 86.3



#14

Allyl chloride

Concen: 11.548 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

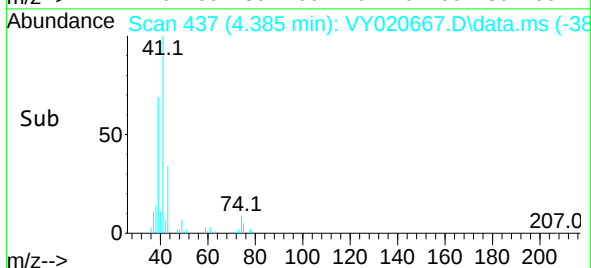
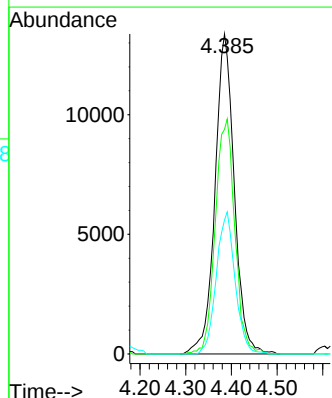
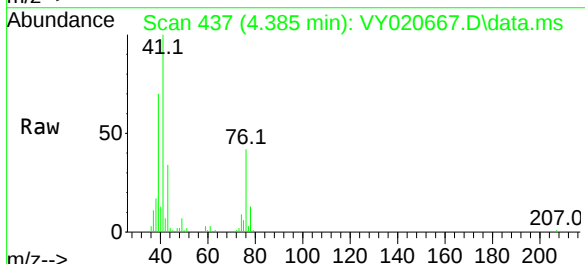
Tgt Ion: 41 Resp: 39213

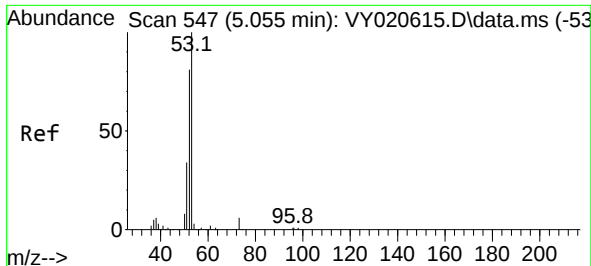
Ion Ratio Lower Upper

41 100

39 74.4 53.0 79.4

76 43.2 29.5 44.3





#15

Acrylonitrile

Concen: 62.786 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

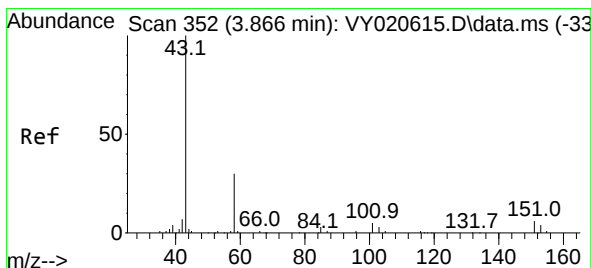
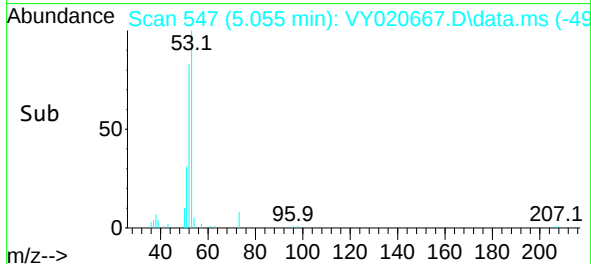
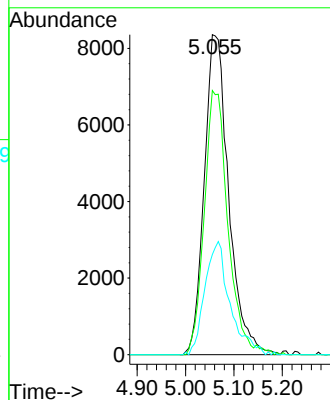
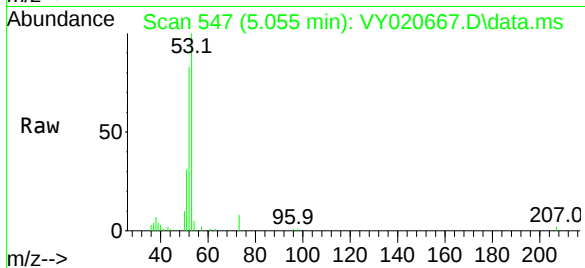
Tgt Ion: 53 Resp: 29353

Ion Ratio Lower Upper

53 100

52 80.2 64.5 96.7

51 36.2 29.4 44.0



#16

Acetone

Concen: 56.052 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.007 min

Lab File: VY020667.D

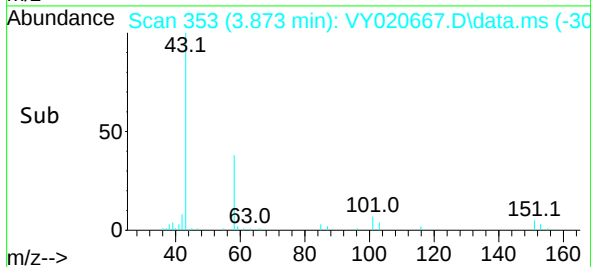
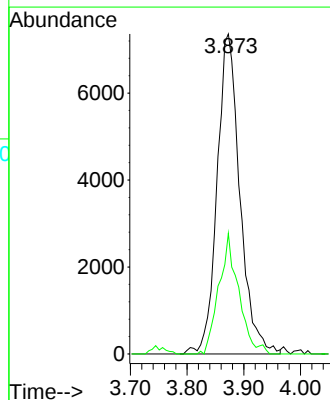
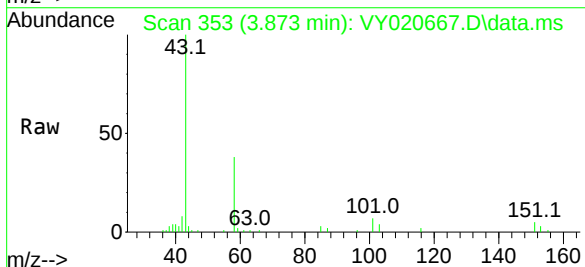
Acq: 20 Dec 2024 13:34

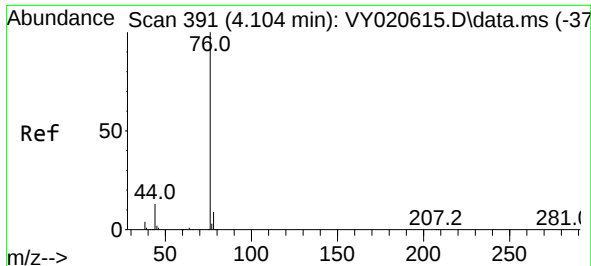
Tgt Ion: 43 Resp: 20534

Ion Ratio Lower Upper

43 100

58 37.7 25.0 37.6#

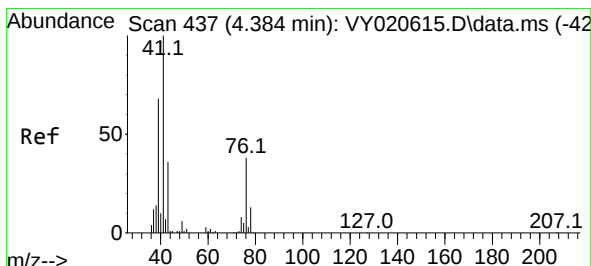
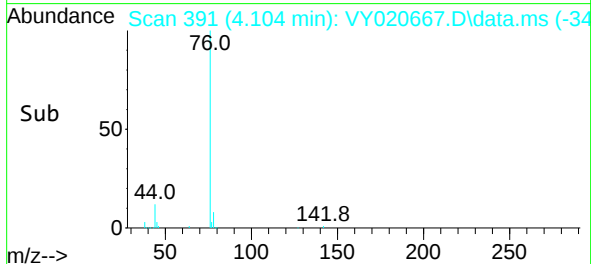
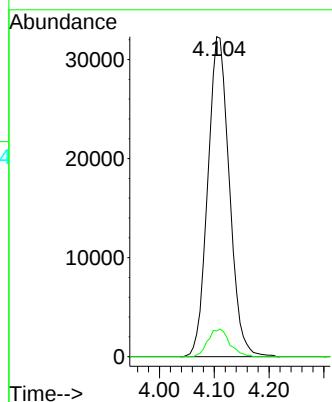
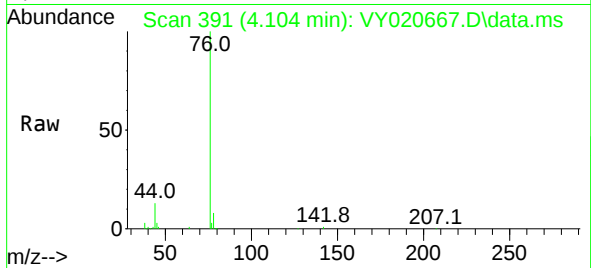




#17
Carbon Disulfide
Concen: 13.971 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

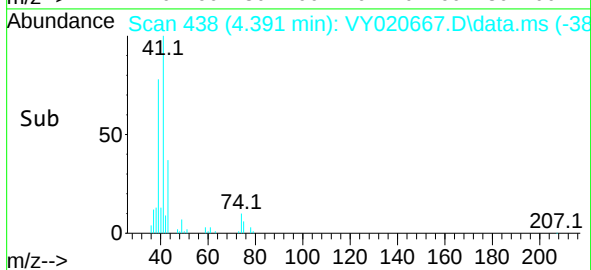
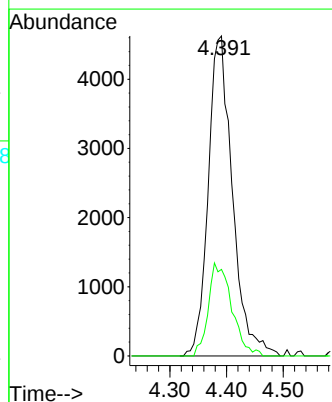
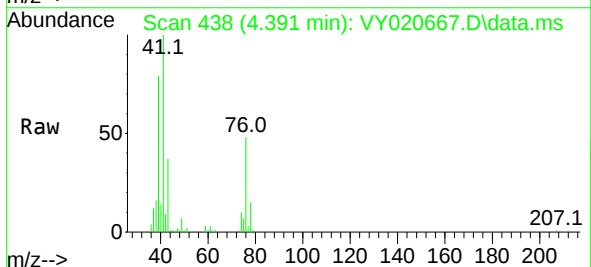
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

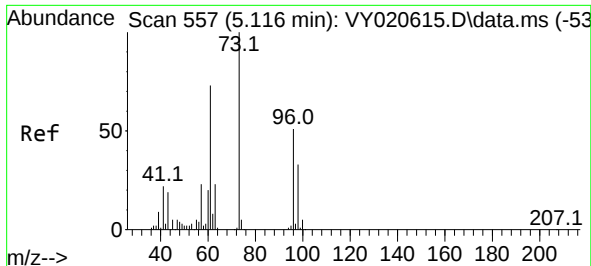
Tgt Ion: 76 Resp: 88129
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#18
Methyl Acetate
Concen: 11.903 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 43 Resp: 13712
Ion Ratio Lower Upper
43 100
74 28.1 19.2 28.8

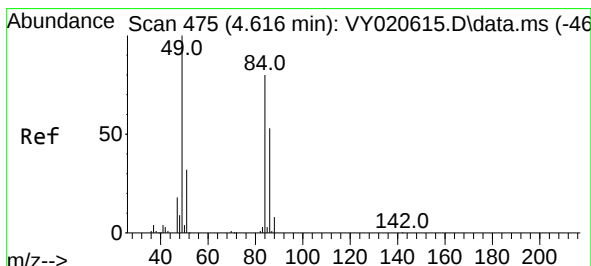
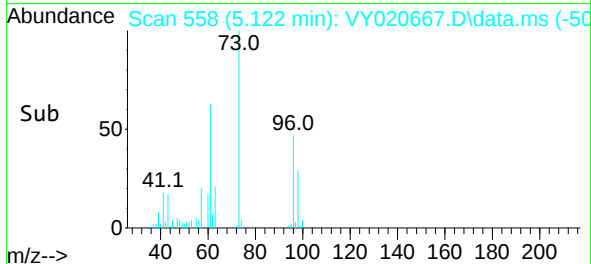
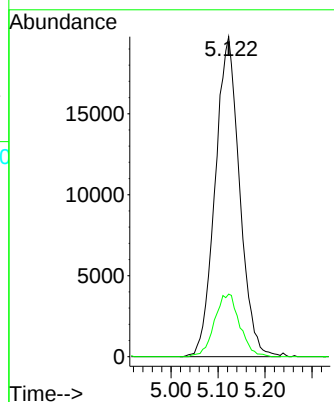
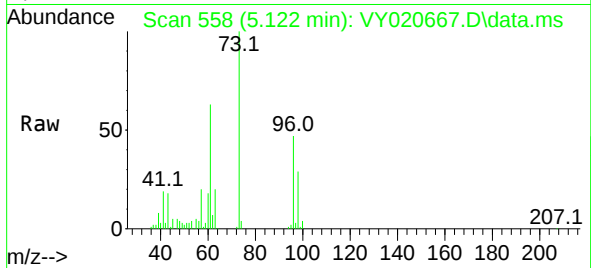




#19
Methyl tert-butyl Ether
Concen: 14.257 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

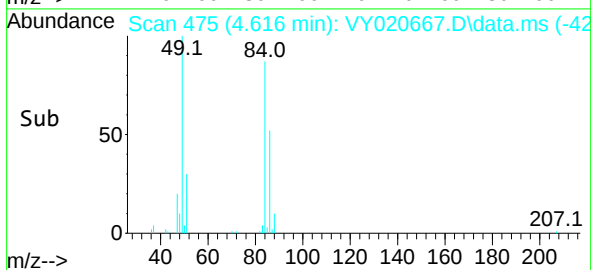
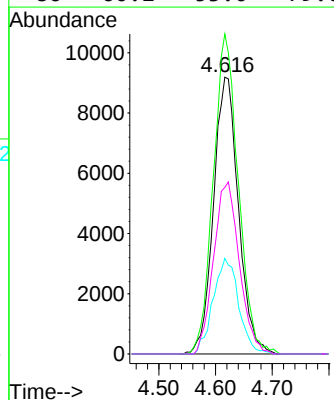
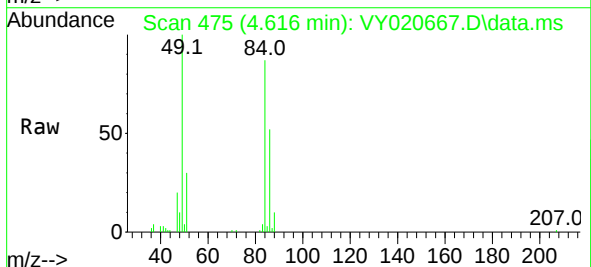
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

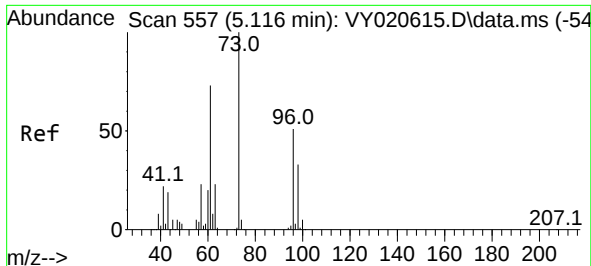
Tgt Ion: 73 Resp: 71311
Ion Ratio Lower Upper
73 100
57 19.6 18.5 27.7



#20
Methylene Chloride
Concen: 13.301 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

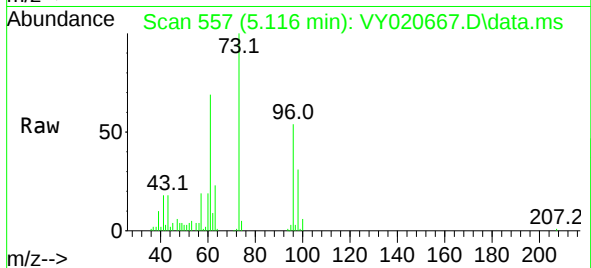
Tgt Ion: 84 Resp: 28001
Ion Ratio Lower Upper
84 100
49 115.6 100.7 151.1
51 34.5 32.2 48.2
86 60.2 53.0 79.6



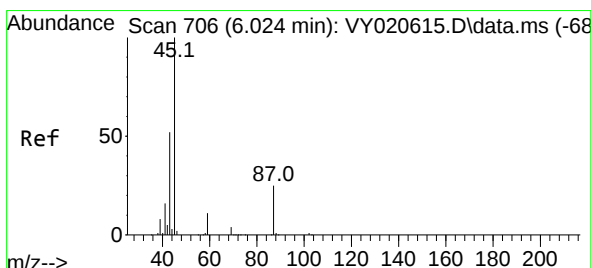
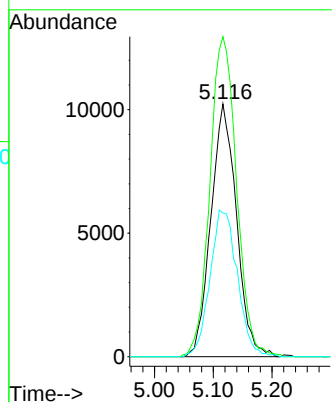
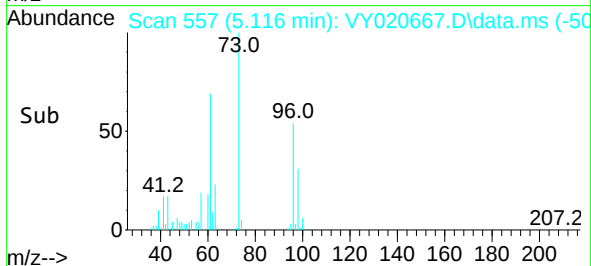


#21
trans-1,2-Dichloroethene
Concen: 14.251 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

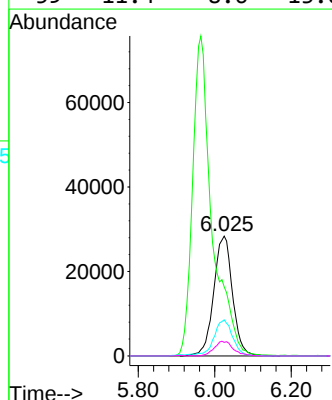
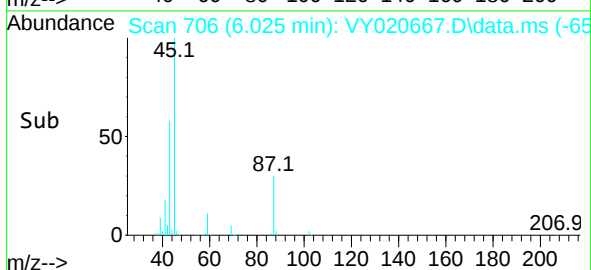
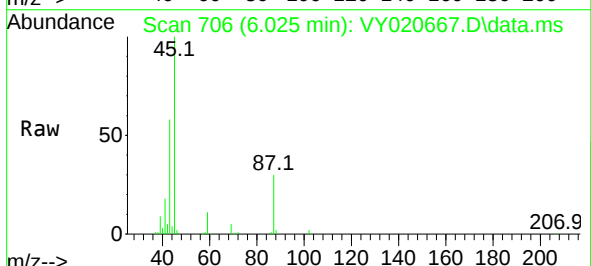


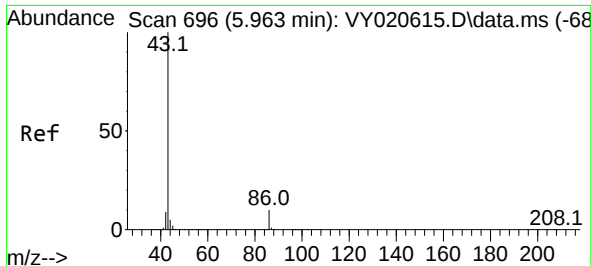
Tgt Ion: 96 Resp: 30978
Ion Ratio Lower Upper
96 100
61 126.6 113.7 170.5
98 56.9 51.7 77.5



#22
Diisopropyl ether
Concen: 14.069 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 45 Resp: 96975
Ion Ratio Lower Upper
45 100
43 57.1 42.6 64.0
87 30.2 20.6 31.0
59 11.4 8.6 13.0

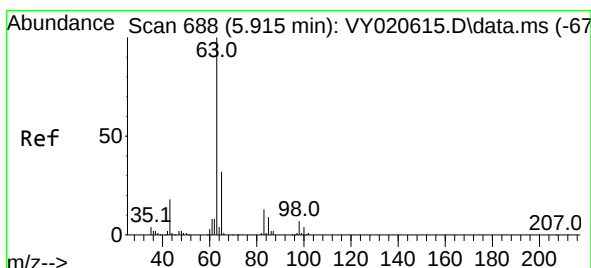
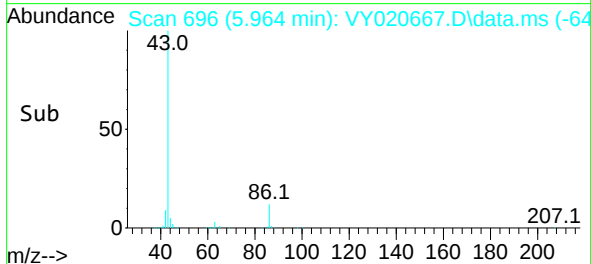
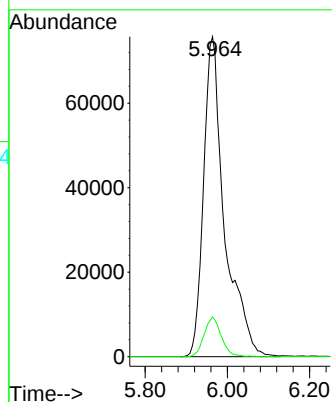
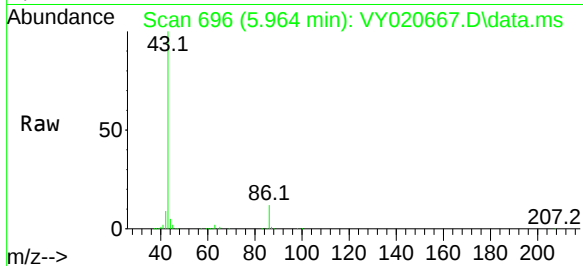




#23
 Vinyl Acetate
 Concen: 68.637 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

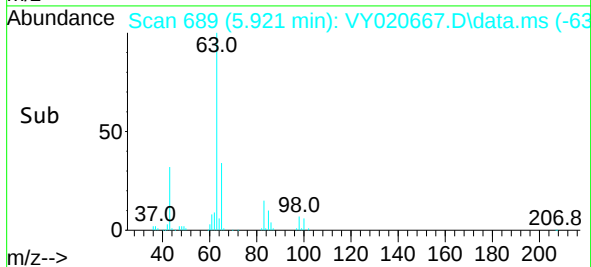
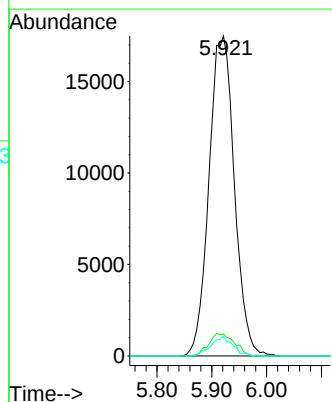
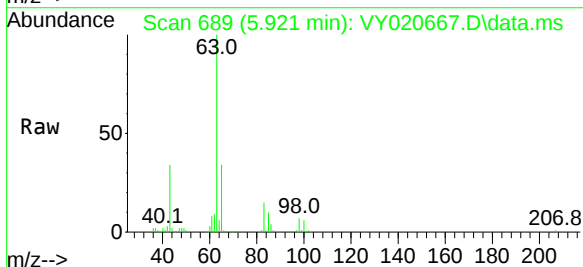
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

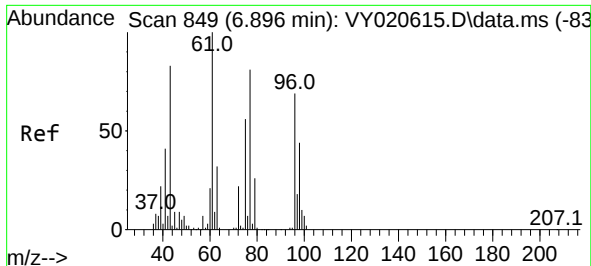
Tgt Ion: 43 Resp: 267947
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.1 12.1#



#24
 1,1-Dichloroethane
 Concen: 13.914 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

Tgt Ion: 63 Resp: 56185
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 6.1 2.1 6.5

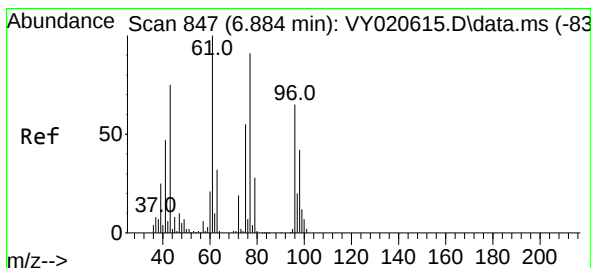
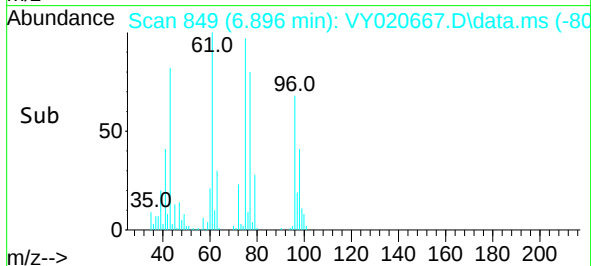
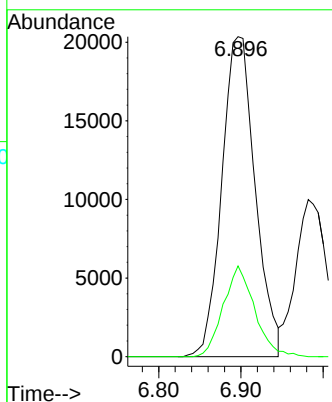
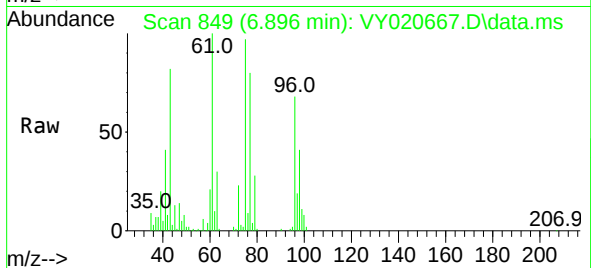




#25
2-Butanone
Concen: 91.487 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

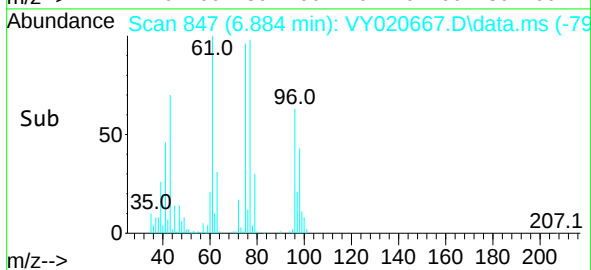
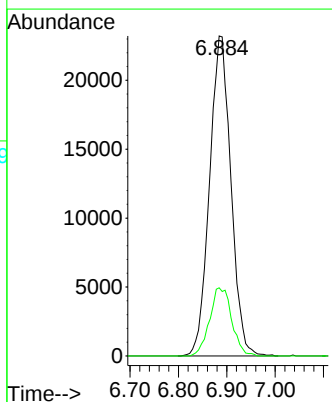
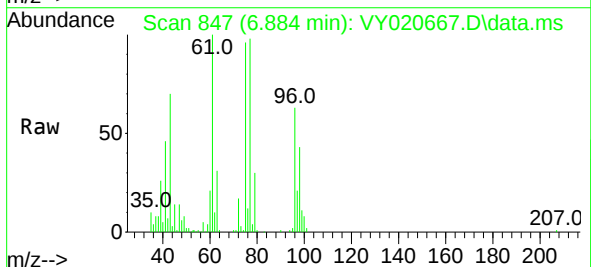
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

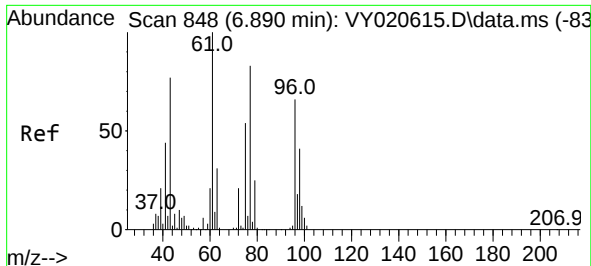
Tgt Ion: 43 Resp: 57567
Ion Ratio Lower Upper
43 100
72 28.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.666 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 77 Resp: 71251
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6



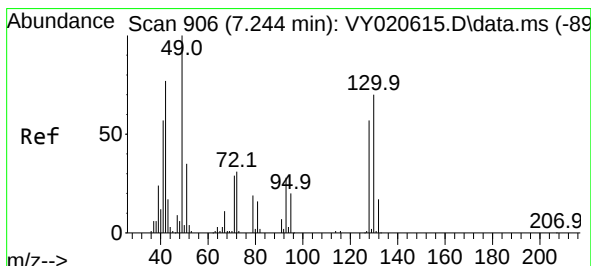
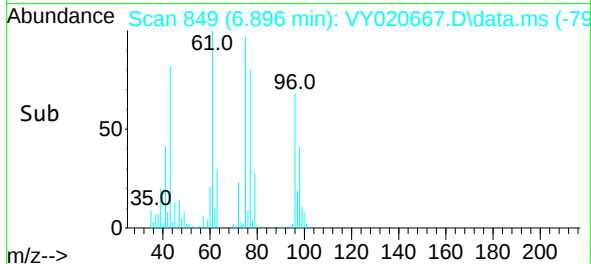
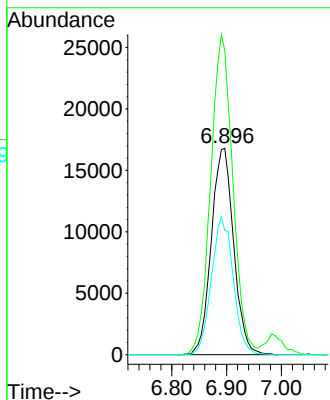
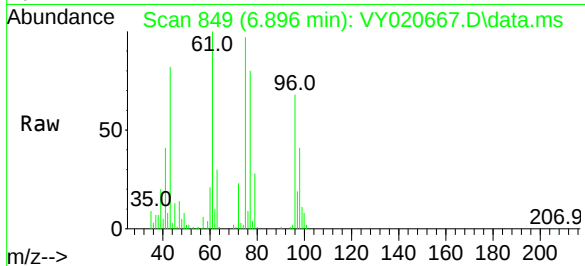


#27
 cis-1,2-Dichloroethene
 Concen: 19.017 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBSD01

Tgt Ion: 96 Resp: 47563

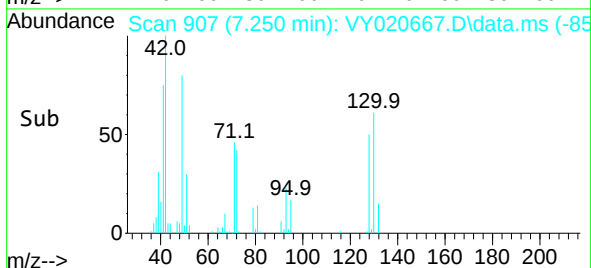
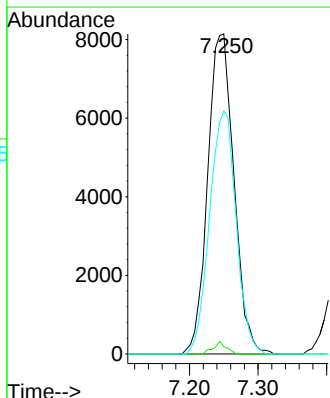
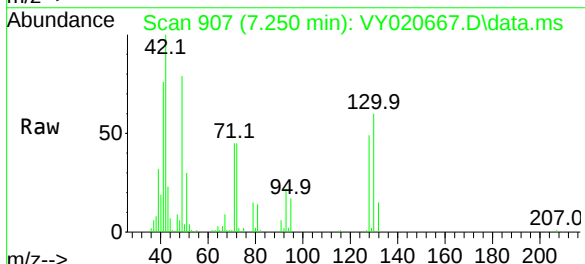
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	306.2
98	65.1	0.0	127.2

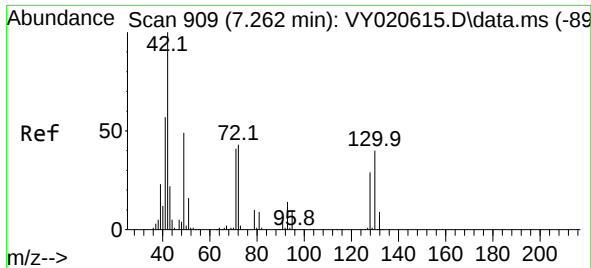


#28
 Bromochloromethane
 Concen: 15.896 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

Tgt Ion: 49 Resp: 21651

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.7	58.3	87.5

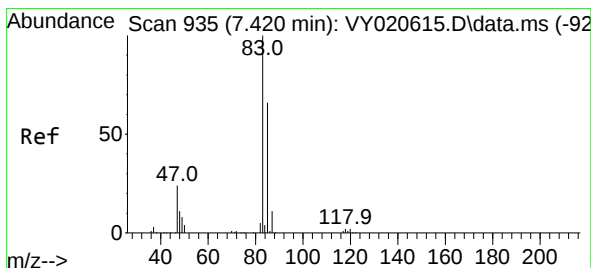
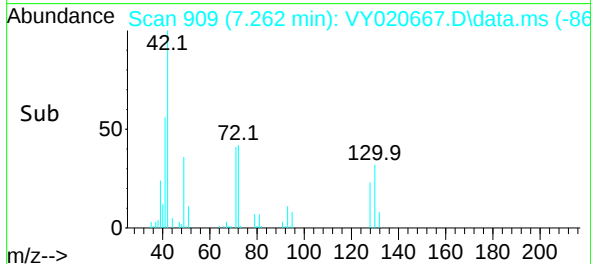
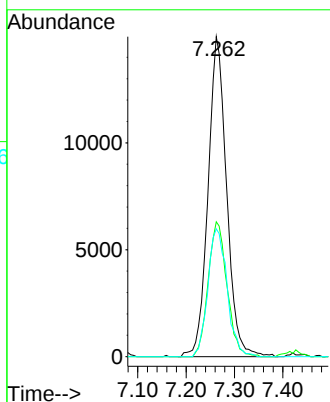
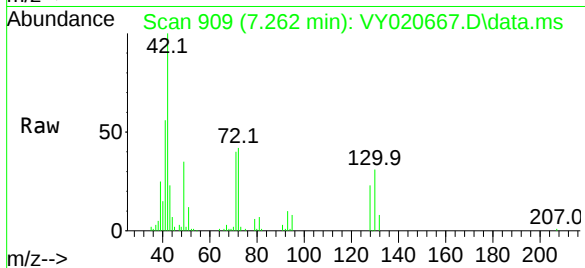




#29
Tetrahydrofuran
Concen: 100.545 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

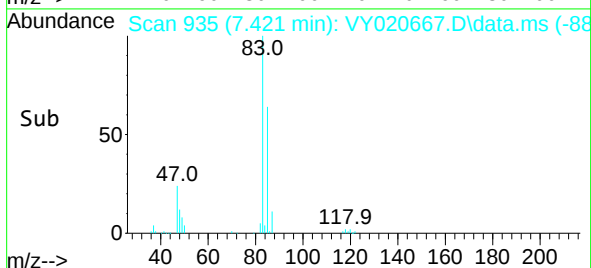
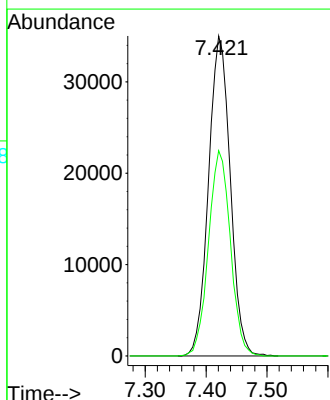
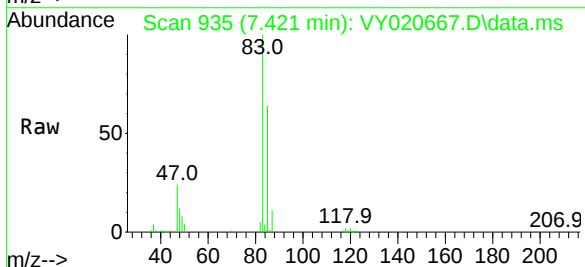
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

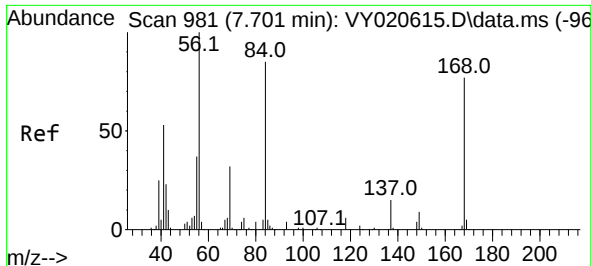
Tgt Ion:	42	Resp:	39939
Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.0	51.0
71	41.5	31.6	47.4



#30
Chloroform
Concen: 18.008 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.001 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion:	83	Resp:	86753
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.7	79.1

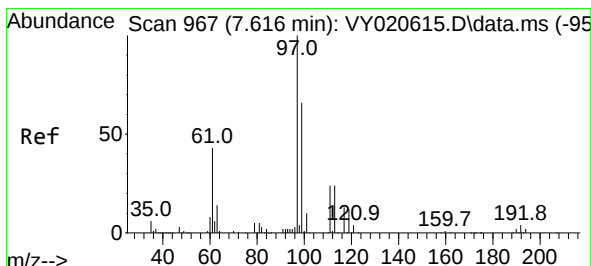
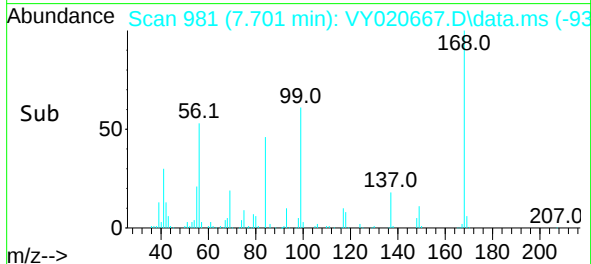
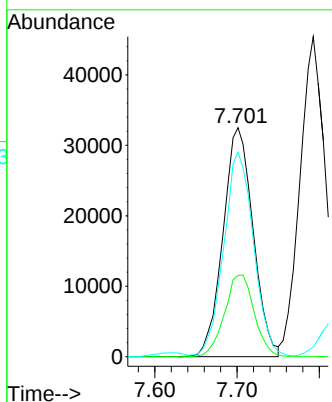
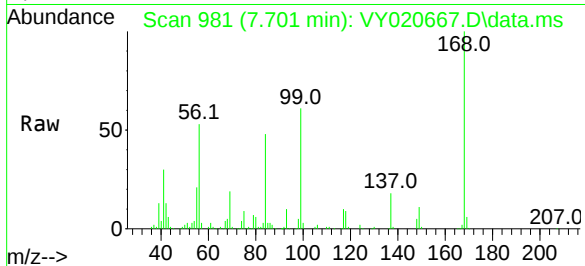




#31
Cyclohexane
Concen: 21.435 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

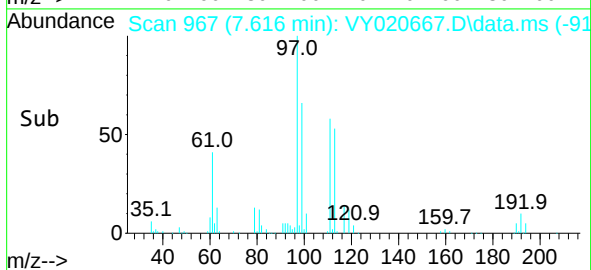
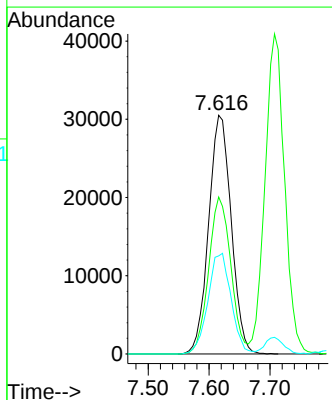
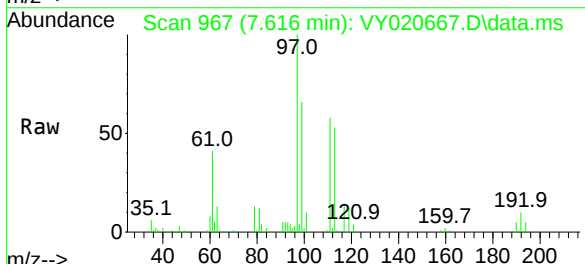
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

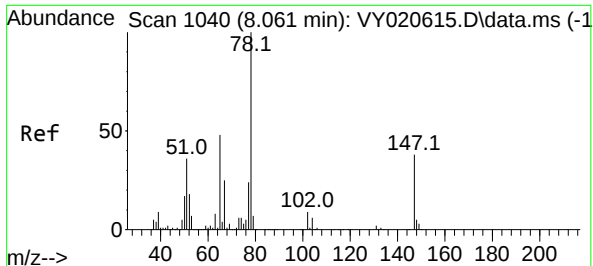
Tgt Ion: 56 Resp: 82760
Ion Ratio Lower Upper
56 100
69 35.4 25.4 38.0
84 87.7 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 21.184 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 97 Resp: 78587
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.026 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

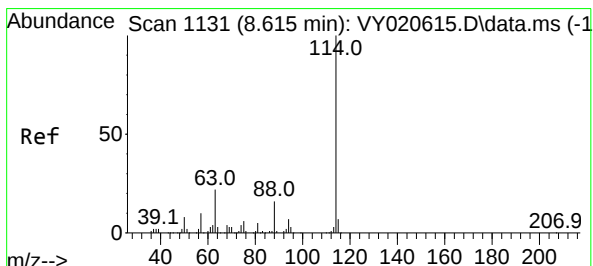
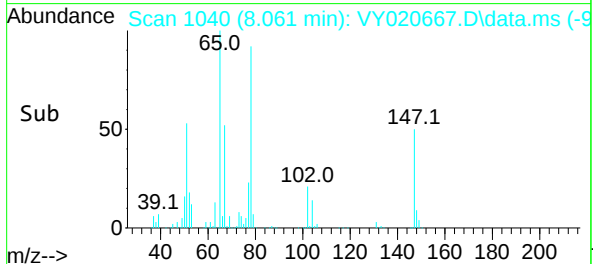
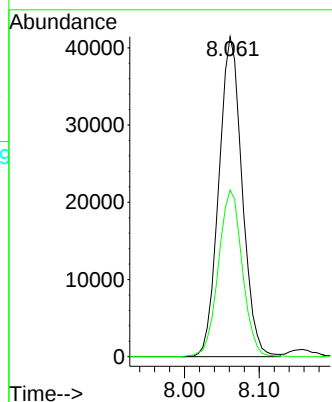
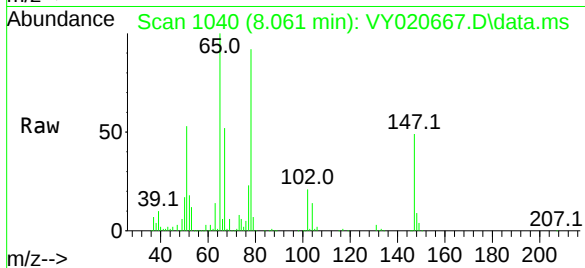
VY1220SBS01

Tgt Ion: 65 Resp: 89782

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

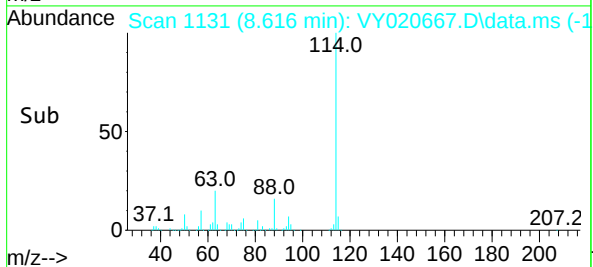
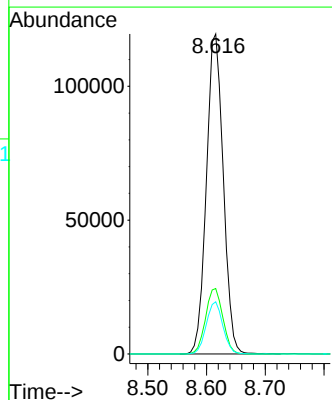
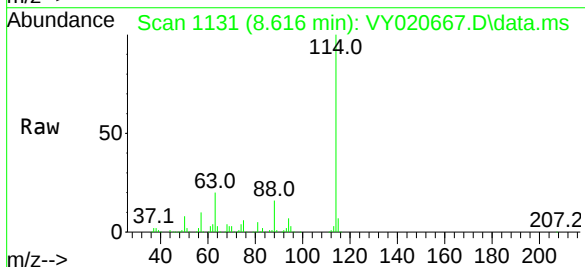
Tgt Ion: 114 Resp: 238791

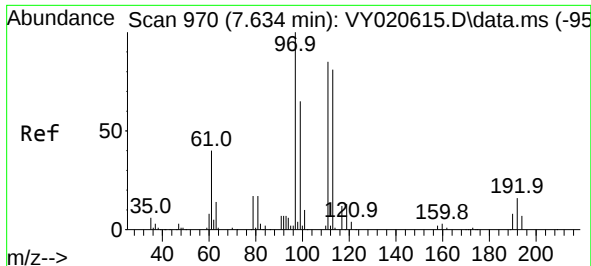
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

88 16.3 0.0 32.8

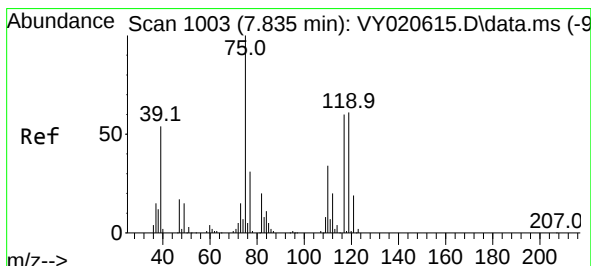
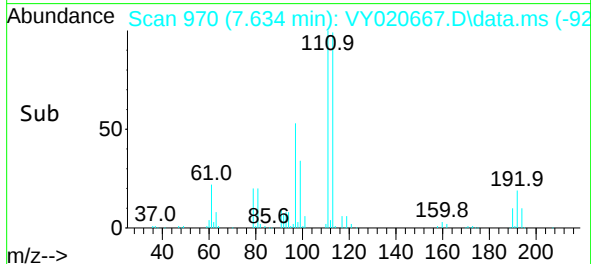
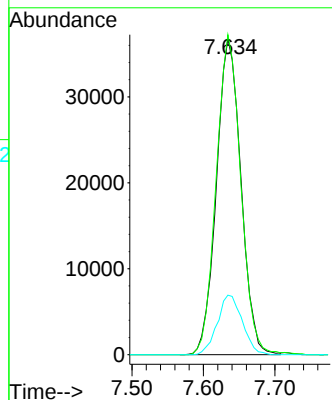
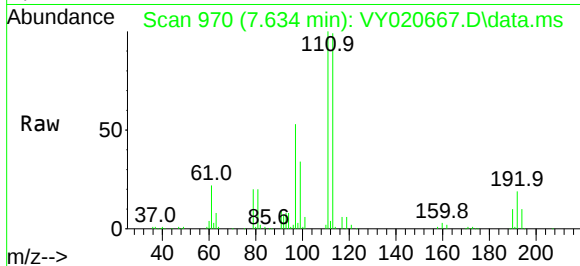




#35
Dibromofluoromethane
Concen: 51.973 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

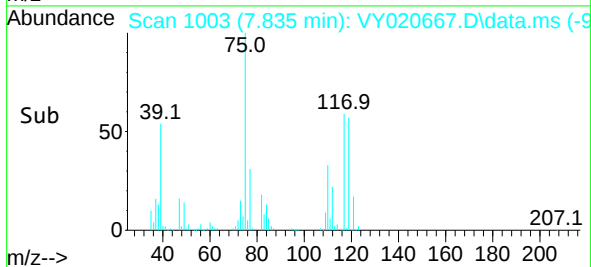
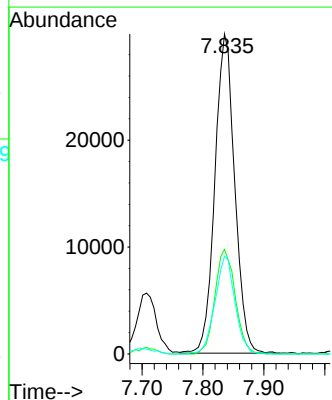
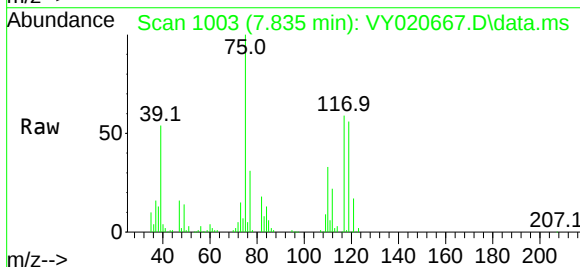
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

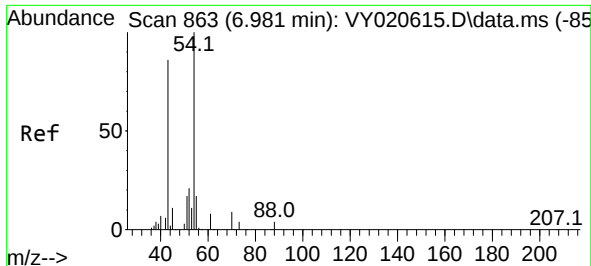
Tgt Ion:113 Resp: 87467
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 19.2 15.7 23.5



#36
1,1-Dichloropropene
Concen: 22.021 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 75 Resp: 67576
Ion Ratio Lower Upper
75 100
110 33.5 16.8 50.4
77 30.9 25.0 37.6





#37

Ethyl Acetate

Concen: 19.272 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020667.D

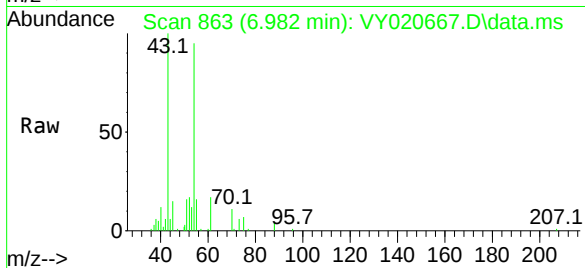
Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

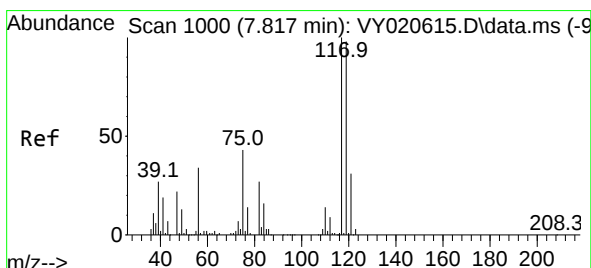
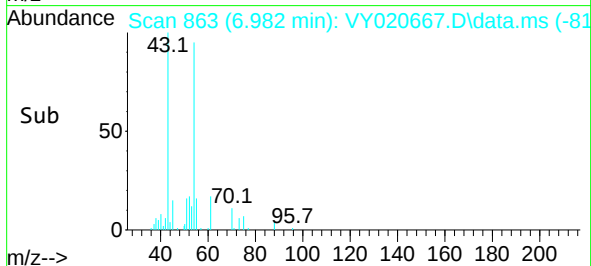
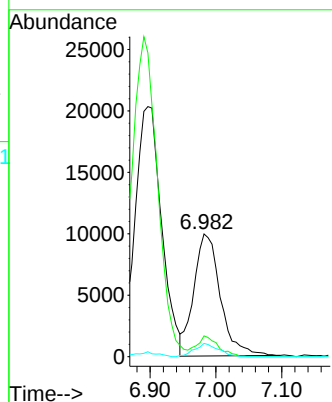
ClientSampleId :

VY1220SBSD01



Tgt Ion: 43 Resp: 27819

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	9.7	7.9	11.9



#38

Carbon Tetrachloride

Concen: 22.231 ug/l

RT: 7.817 min Scan# 1000

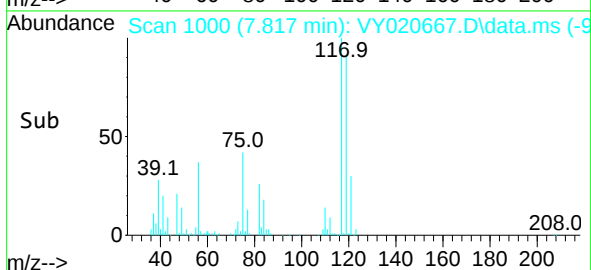
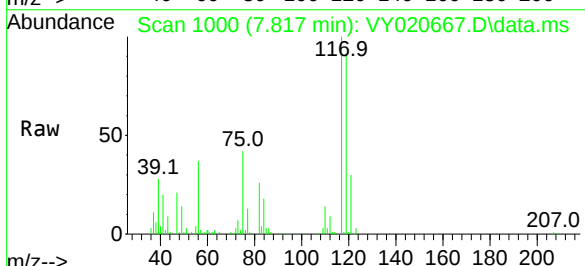
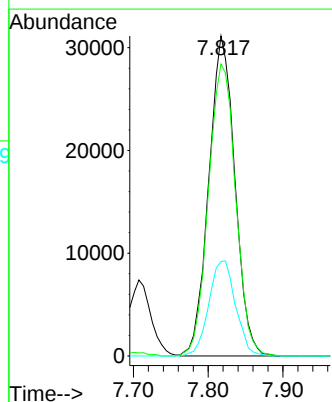
Delta R.T. 0.000 min

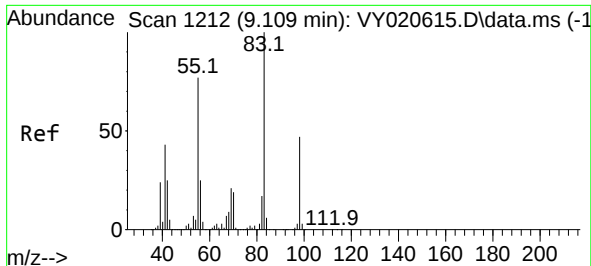
Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Tgt Ion: 117 Resp: 75478

Ion	Ratio	Lower	Upper
117	100		
119	91.2	78.3	117.5
121	29.5	25.1	37.7

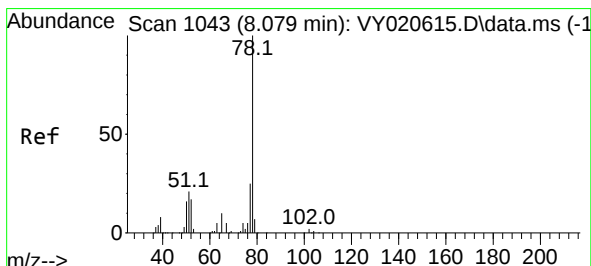
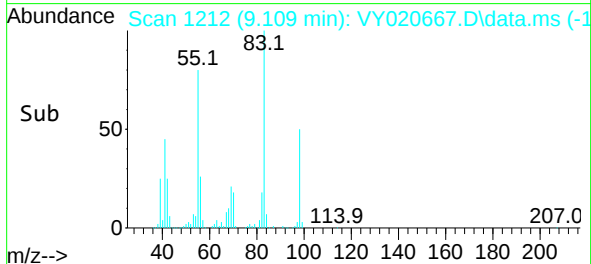
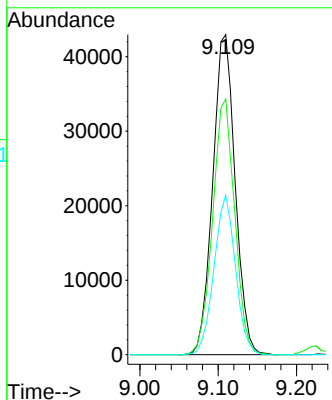
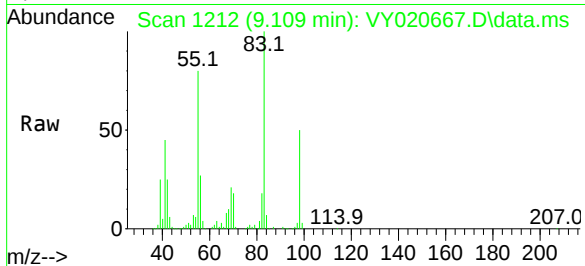




#39
Methylcyclohexane
Concen: 21.405 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

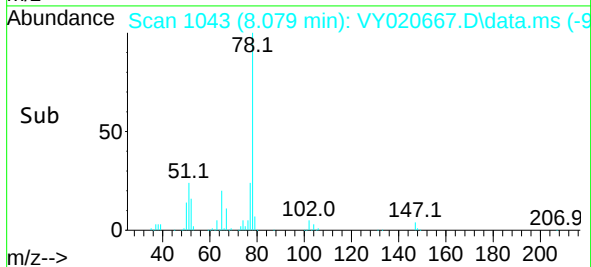
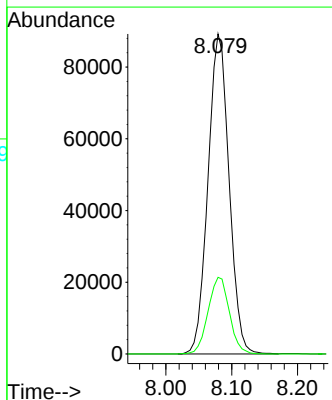
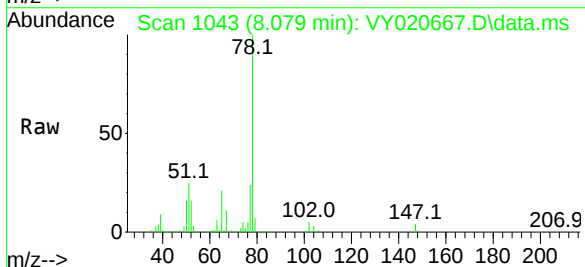
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

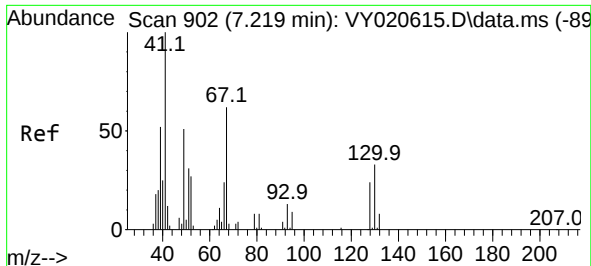
Tgt Ion: 83 Resp: 85612
Ion Ratio Lower Upper
83 100
55 79.9 61.4 92.0
98 49.9 37.3 55.9



#40
Benzene
Concen: 22.121 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 78 Resp: 198978
Ion Ratio Lower Upper
78 100
77 23.9 20.1 30.1

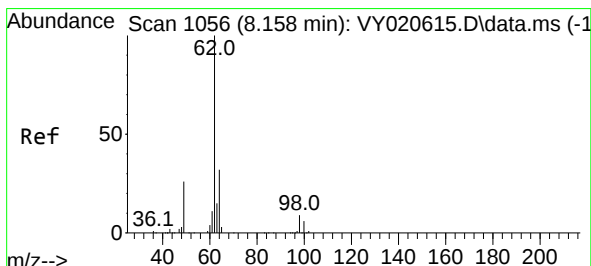
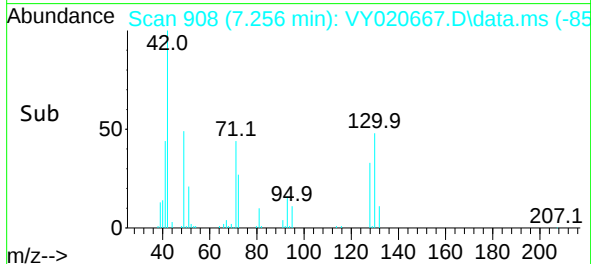
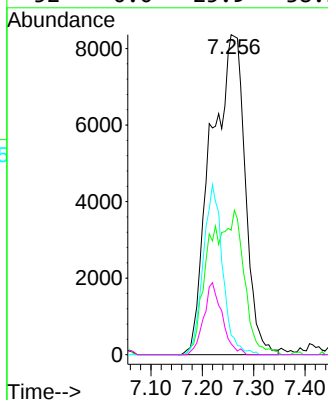
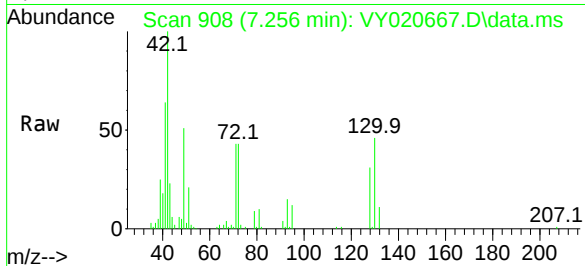




#41
Methacrylonitrile
Concen: 50.383 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

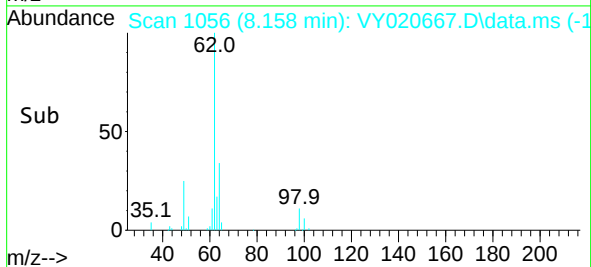
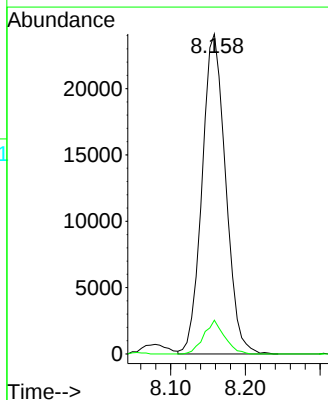
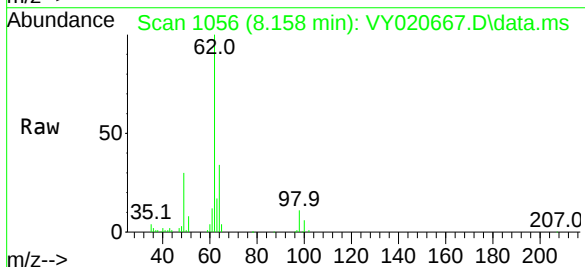
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

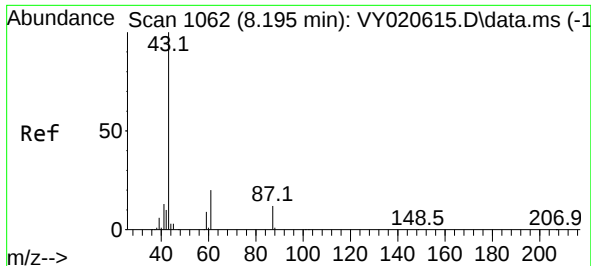
Tgt Ion:	41	Resp:	38449
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	0.0	62.0	93.0#
52	0.0	25.9	38.9#



#42
1,2-Dichloroethane
Concen: 22.128 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion:	62	Resp:	52790
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

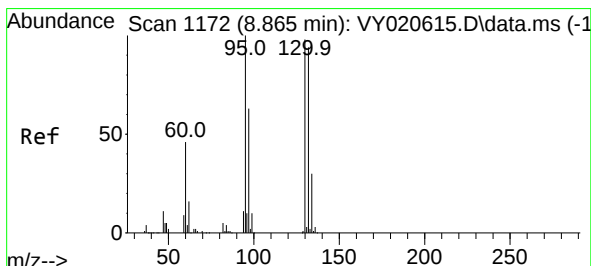
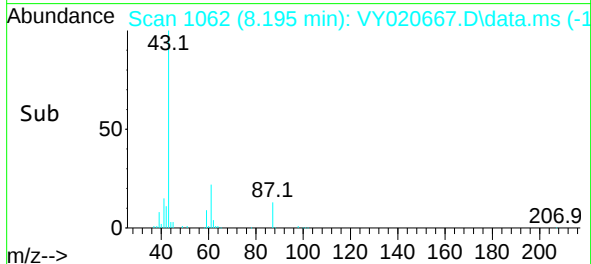
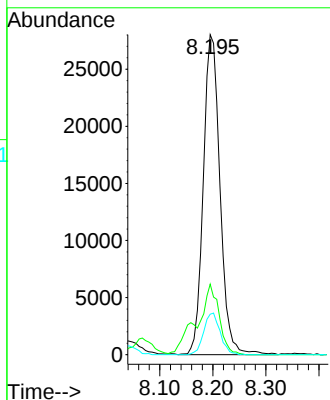
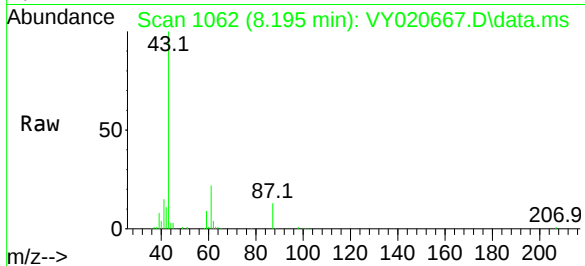




#43
Isopropyl Acetate
Concen: 22.464 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

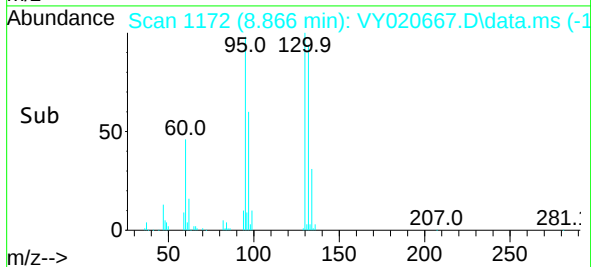
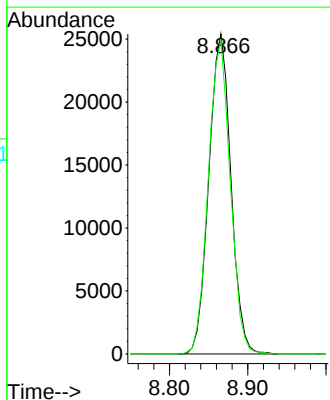
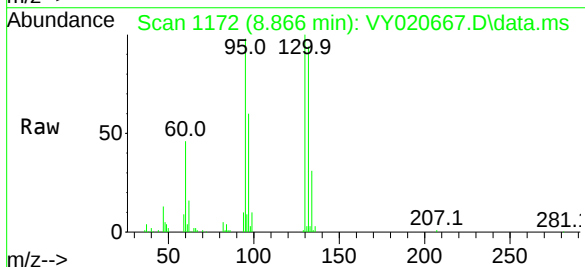
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

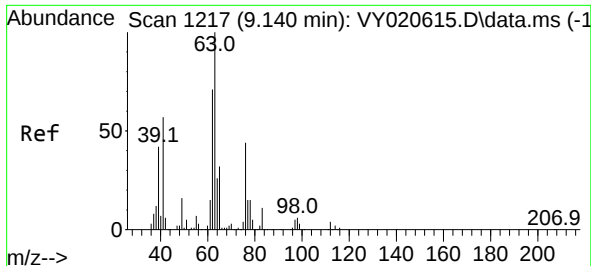
Tgt Ion: 43 Resp: 61389
Ion Ratio Lower Upper
43 100
61 20.7 23.8 35.6#
87 12.8 10.2 15.4



#44
Trichloroethene
Concen: 22.498 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion:130 Resp: 49726
Ion Ratio Lower Upper
130 100
95 98.0 0.0 203.2





#45

1,2-Dichloropropane

Concen: 22.380 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

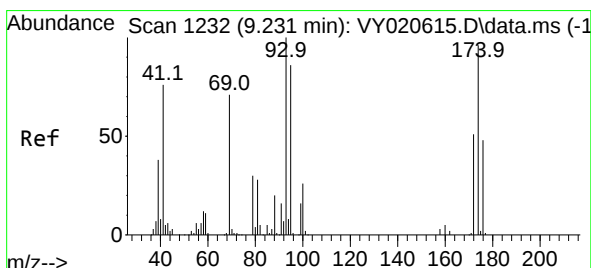
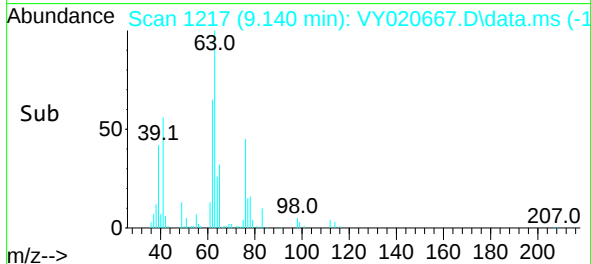
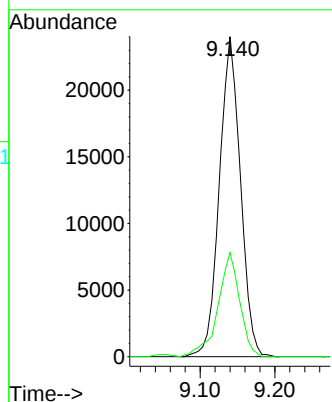
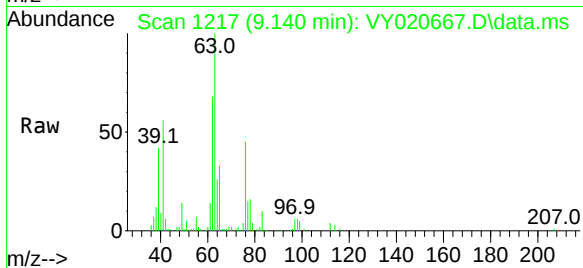
VY1220SBSD01

Tgt Ion: 63 Resp: 47049

Ion Ratio Lower Upper

63 100

65 32.5 25.9 38.9



#46

Dibromomethane

Concen: 22.268 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

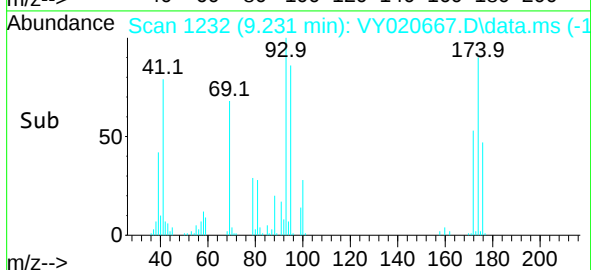
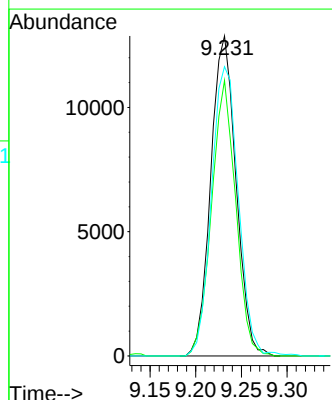
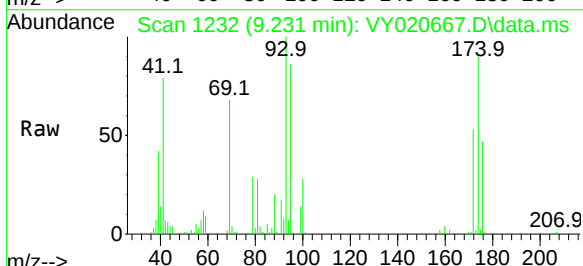
Tgt Ion: 93 Resp: 24740

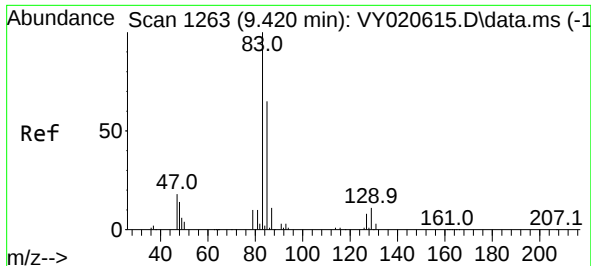
Ion Ratio Lower Upper

93 100

95 82.0 66.7 100.1

174 96.3 77.8 116.6

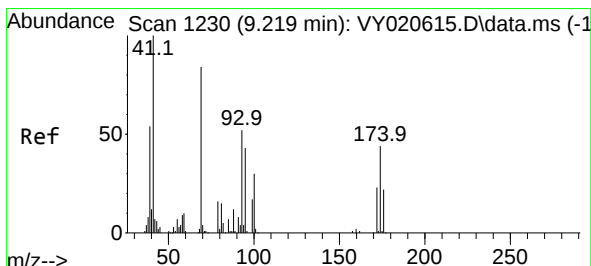
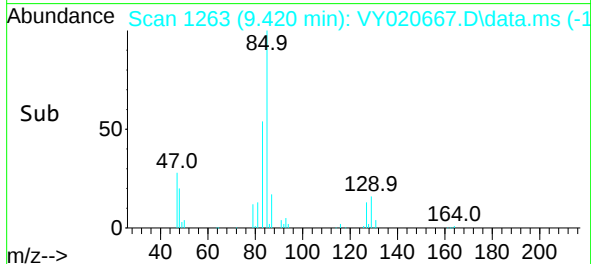
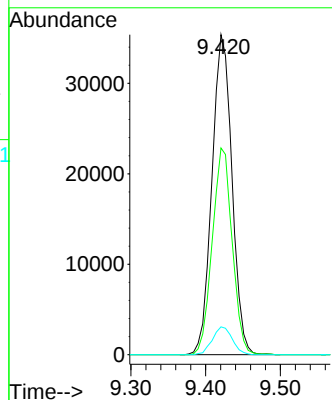
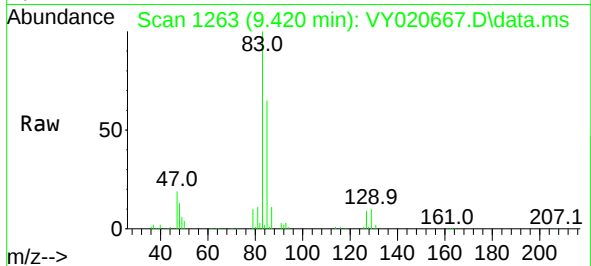




#47
Bromodichloromethane
Concen: 21.970 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

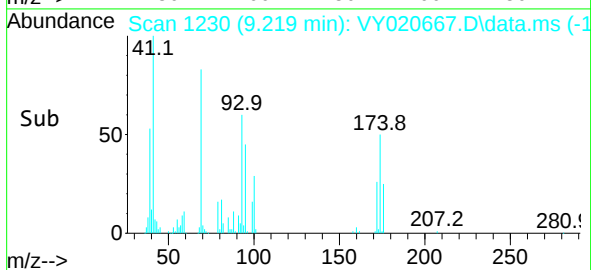
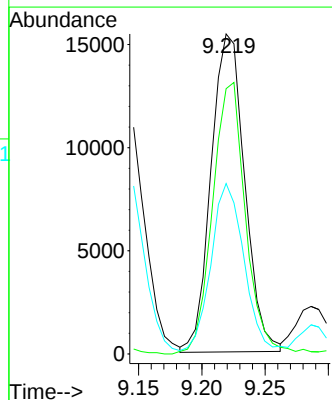
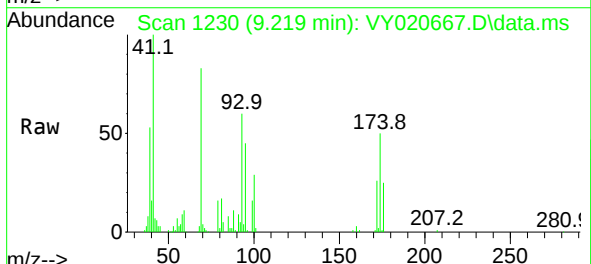
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

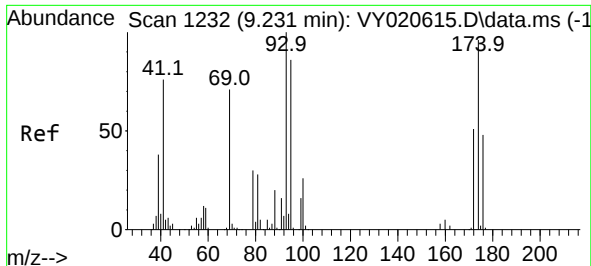
Tgt Ion: 83 Resp: 65935
Ion Ratio Lower Upper
83 100
85 64.6 52.1 78.1
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 21.949 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 41 Resp: 28515
Ion Ratio Lower Upper
41 100
69 84.2 67.2 100.8
39 51.7 42.2 63.4





#49

1,4-Dioxane

Concen: 443.123 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

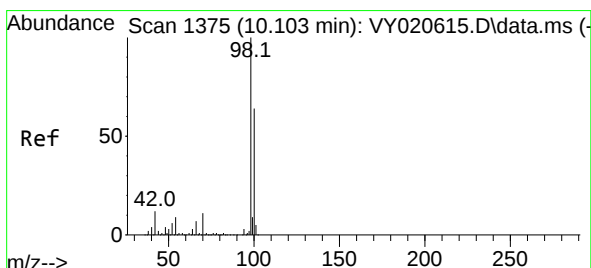
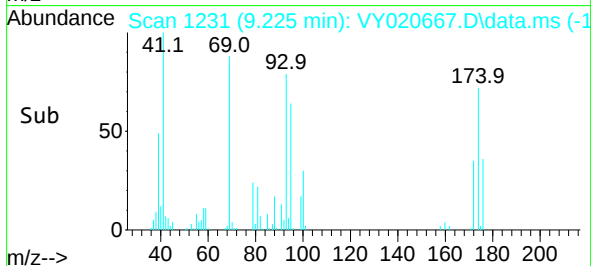
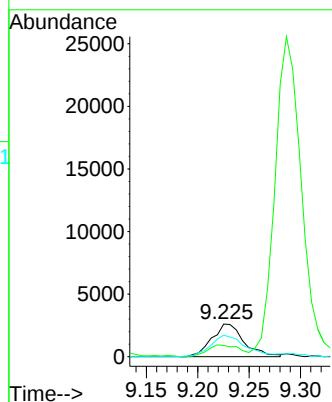
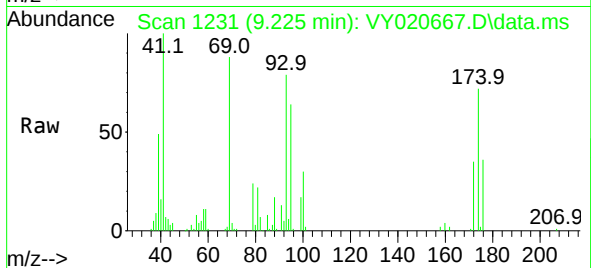
Tgt Ion: 88 Resp: 5646

Ion Ratio Lower Upper

88 100

43 36.5 27.6 41.4

58 71.0 61.7 92.5



#50

Toluene-d8

Concen: 53.924 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020667.D

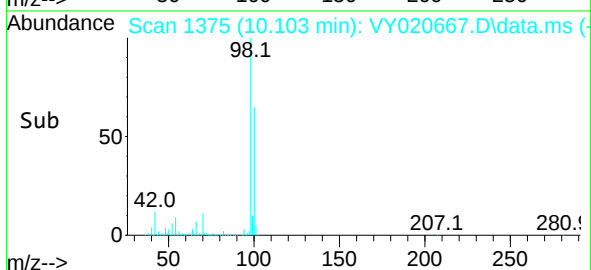
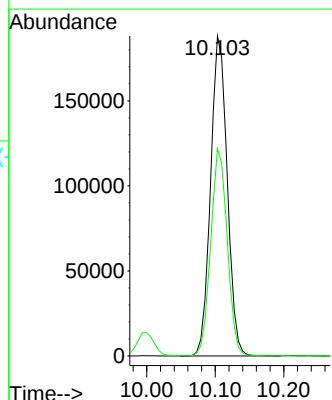
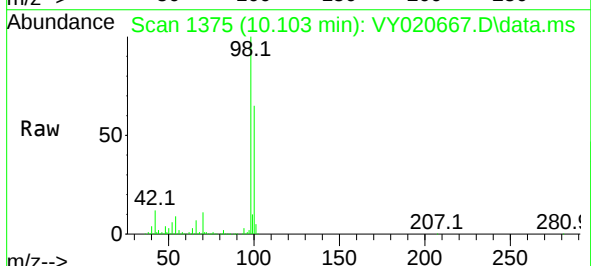
Acq: 20 Dec 2024 13:34

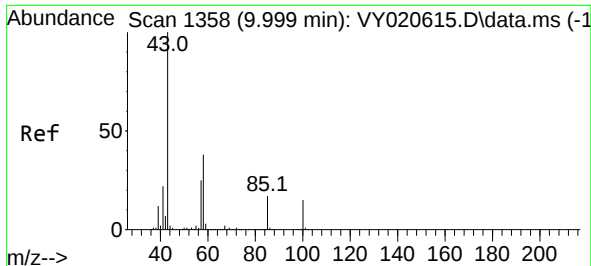
Tgt Ion: 98 Resp: 317644

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 108.373 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

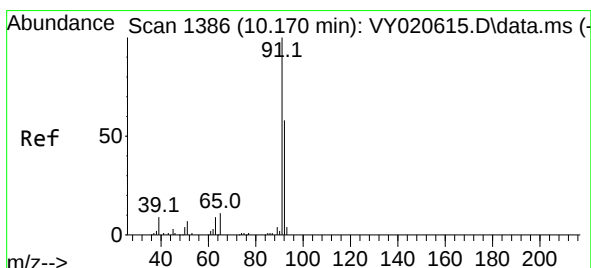
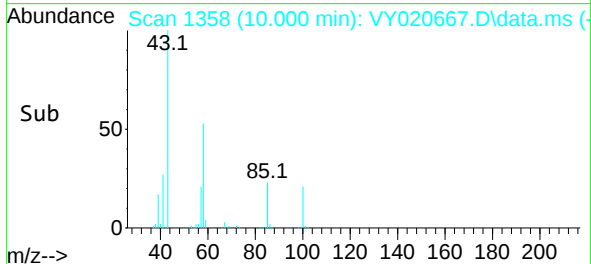
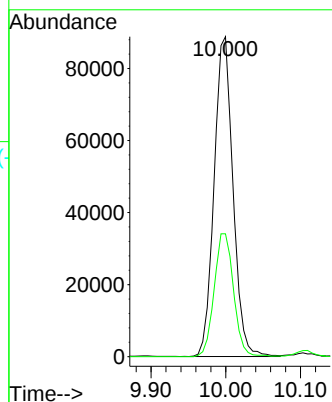
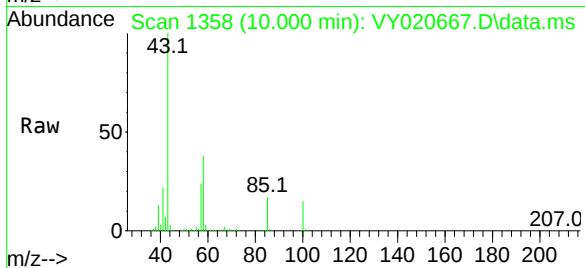
VY1220SBS01

Tgt Ion: 43 Resp: 156324

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2



#52

Toluene

Concen: 22.124 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020667.D

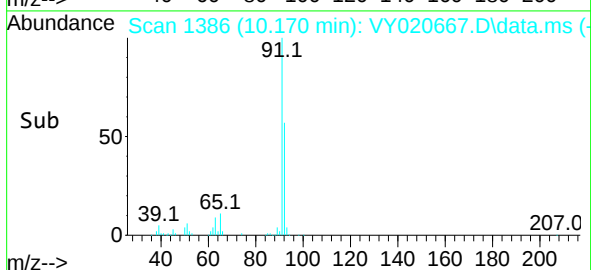
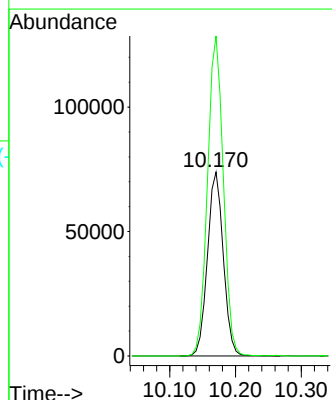
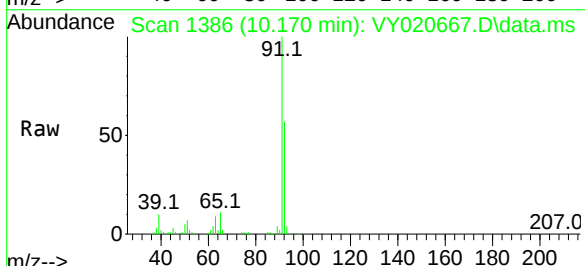
Acq: 20 Dec 2024 13:34

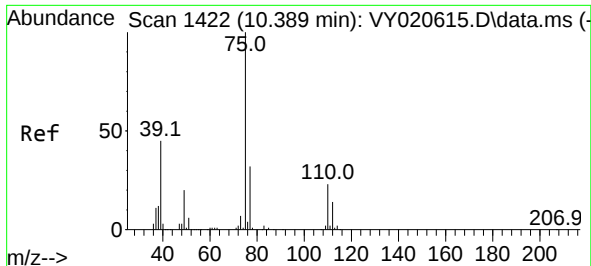
Tgt Ion: 92 Resp: 123673

Ion Ratio Lower Upper

92 100

91 173.9 137.4 206.0

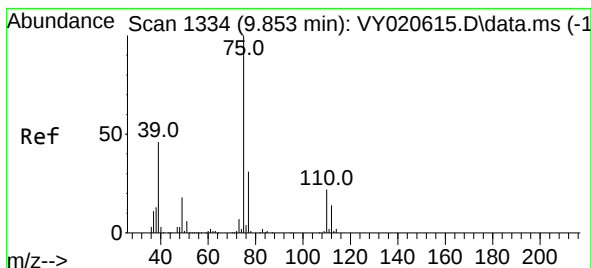
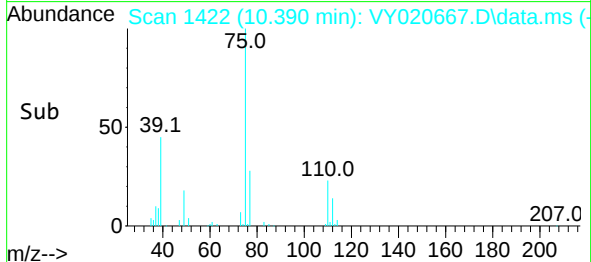
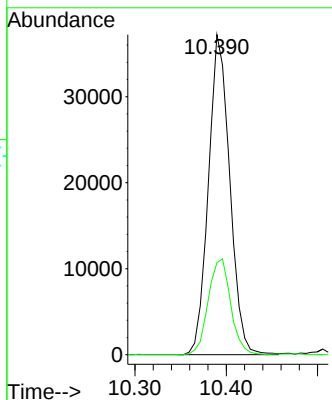
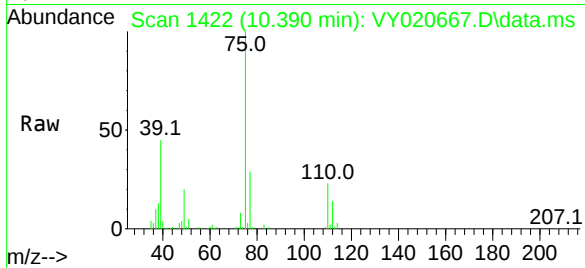




#53
t-1,3-Dichloropropene
Concen: 21.605 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

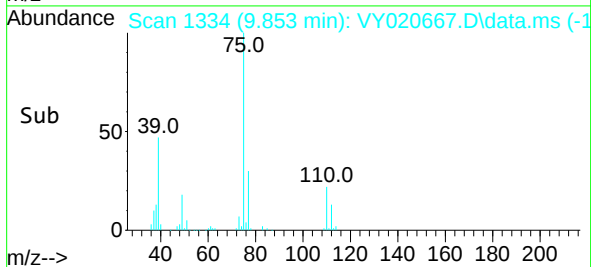
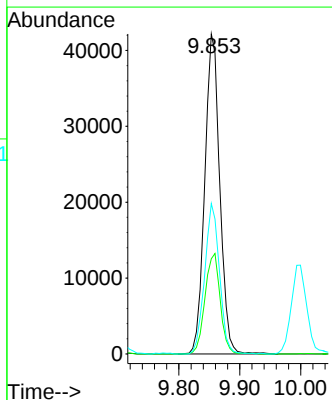
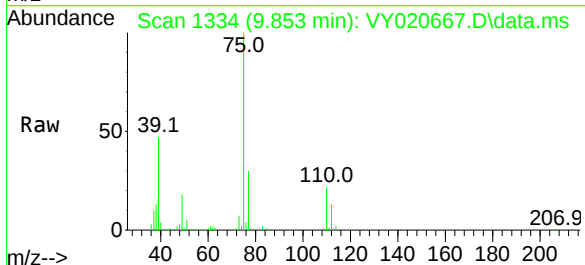
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

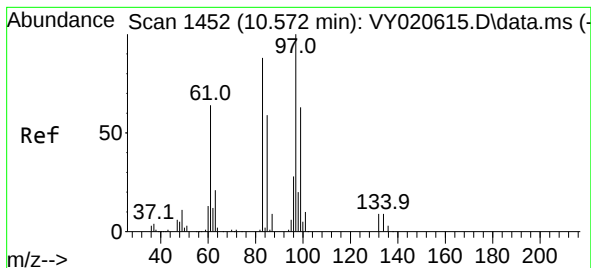
Tgt Ion: 75 Resp: 60417
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.830 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 75 Resp: 72340
Ion Ratio Lower Upper
75 100
77 29.7 24.6 36.8
39 47.0 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 22.365 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBSD01

Tgt Ion: 97 Resp: 32853

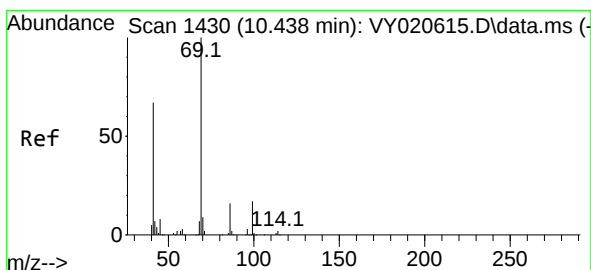
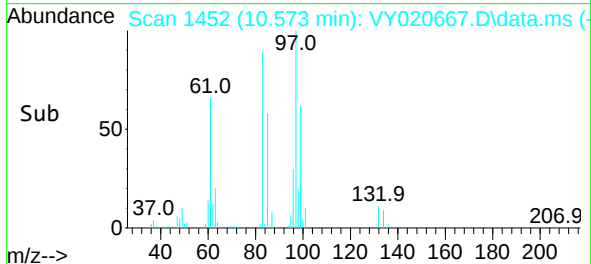
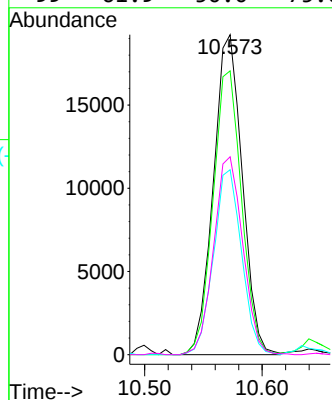
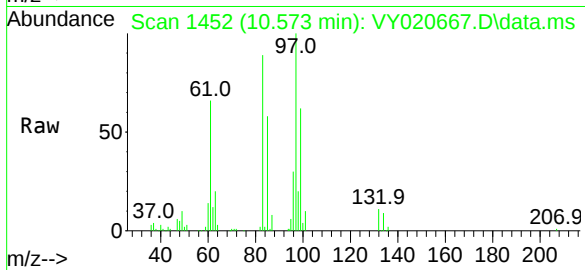
Ion Ratio Lower Upper

97 100

83 88.7 70.4 105.6

85 57.8 47.2 70.8

99 61.9 50.0 75.0



#56

Ethyl methacrylate

Concen: 22.024 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

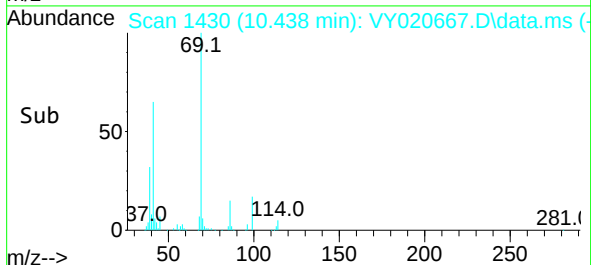
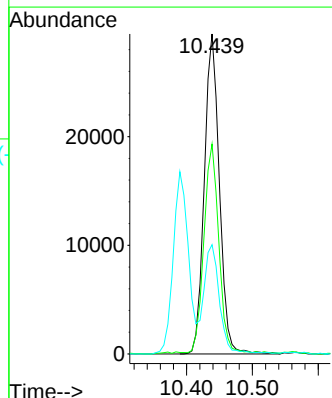
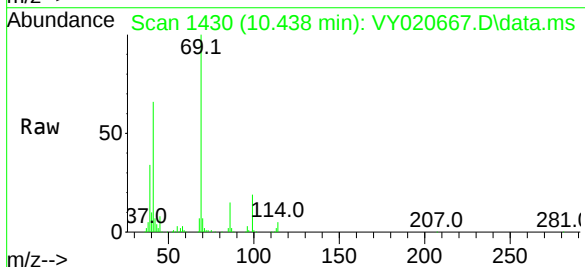
Tgt Ion: 69 Resp: 46933

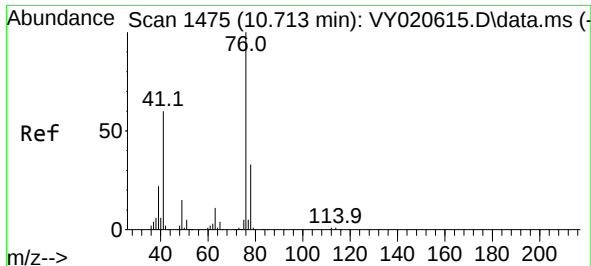
Ion Ratio Lower Upper

69 100

41 63.7 54.0 81.0

39 34.6 27.9 41.9





#57

1,3-Dichloropropane

Concen: 22.103 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

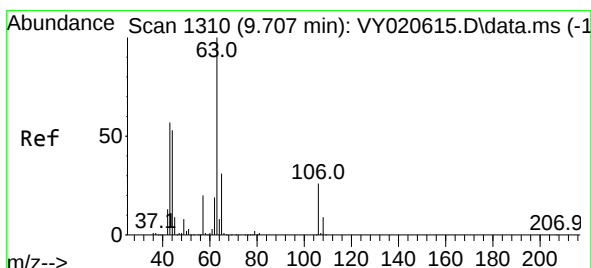
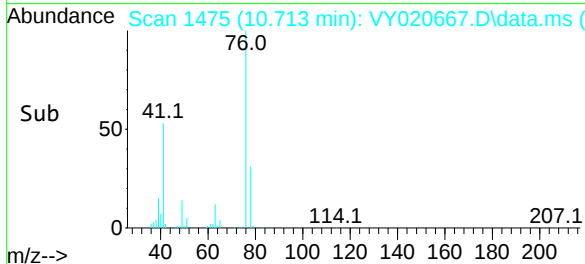
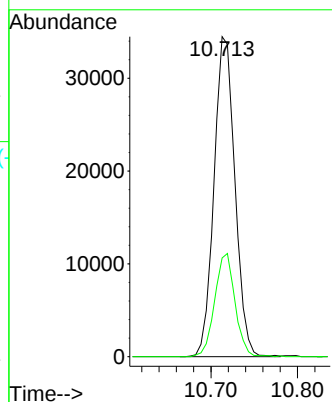
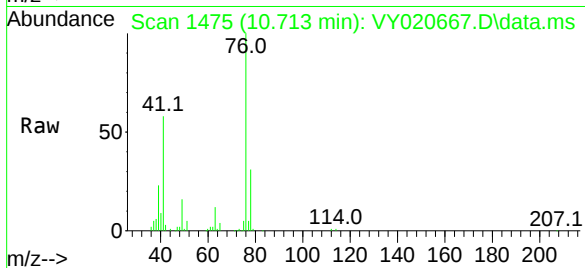
VY1220SBS01

Tgt Ion: 76 Resp: 57877

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.257 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020667.D

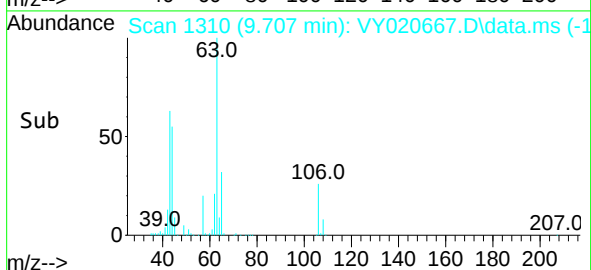
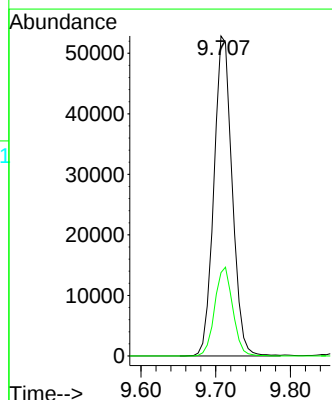
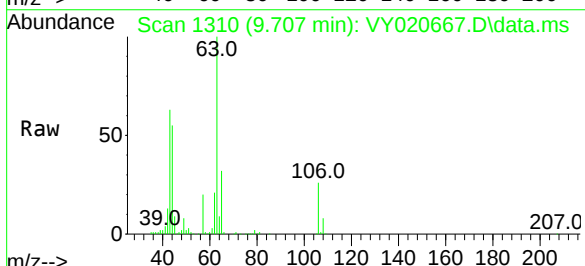
Acq: 20 Dec 2024 13:34

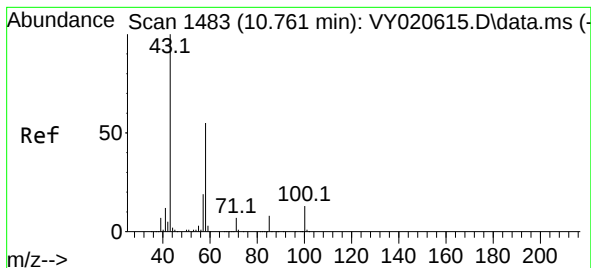
Tgt Ion: 63 Resp: 89896

Ion Ratio Lower Upper

63 100

106 27.3 21.5 32.3

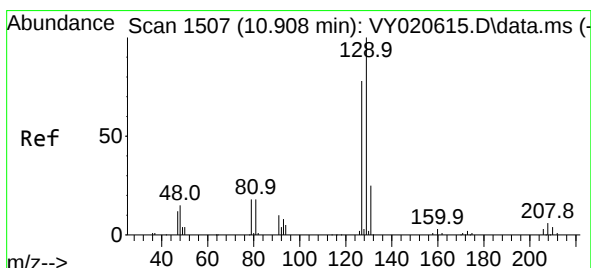
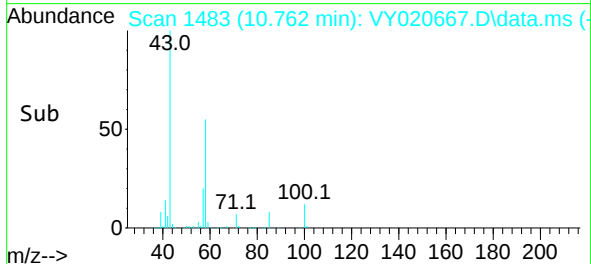
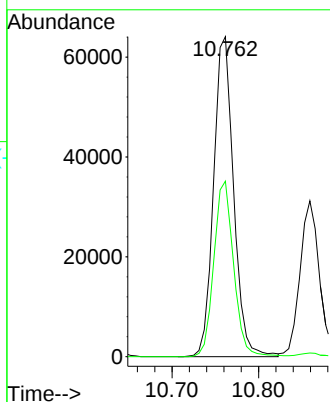
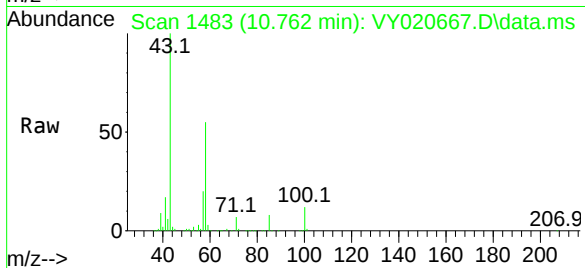




#59
2-Hexanone
Concen: 111.052 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

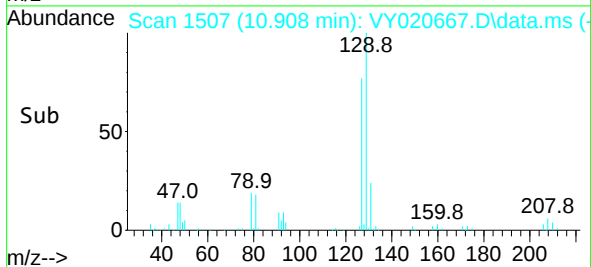
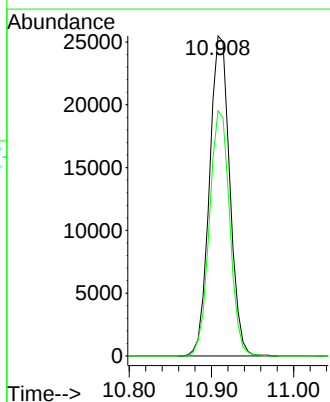
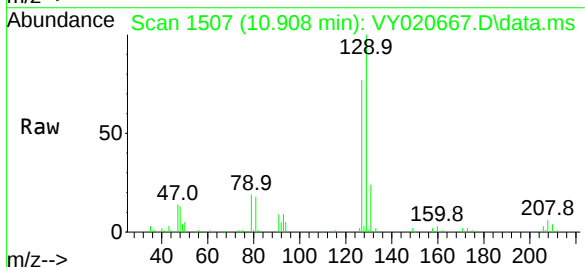
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

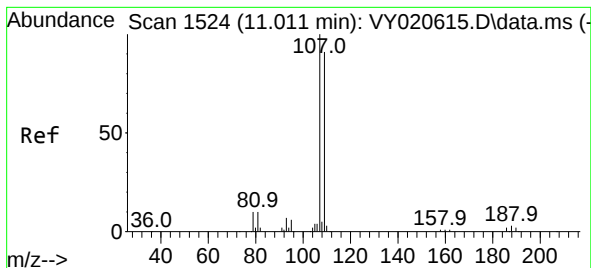
Tgt Ion: 43 Resp: 102848
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.6



#60
Dibromochloromethane
Concen: 22.179 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion:129 Resp: 43570
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3

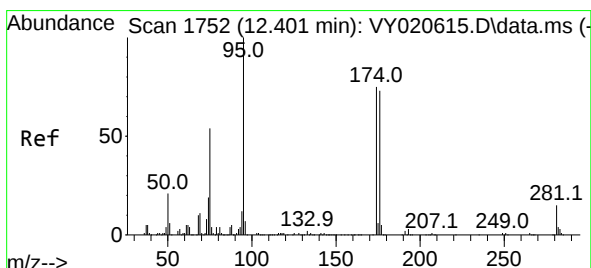
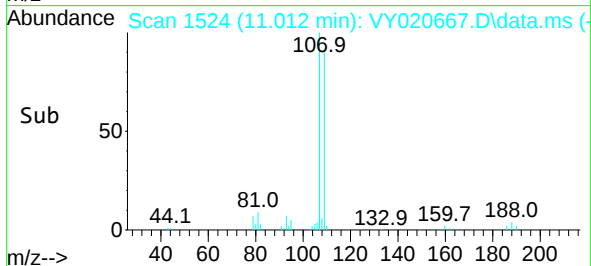
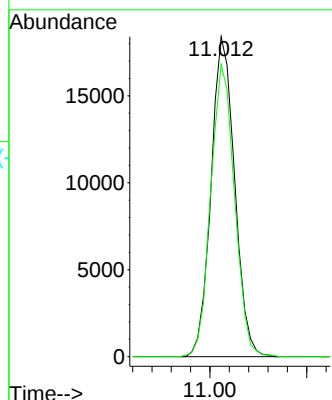
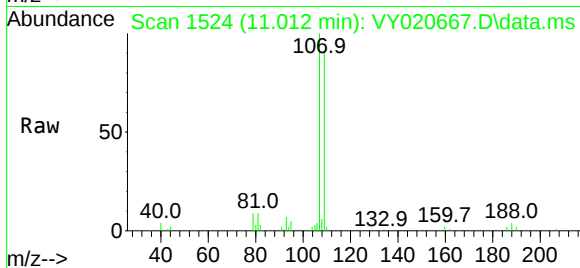




#61
1,2-Dibromoethane
Concen: 22.750 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

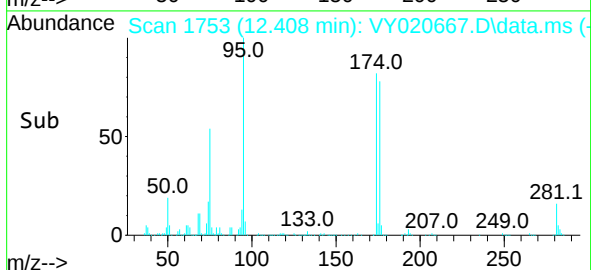
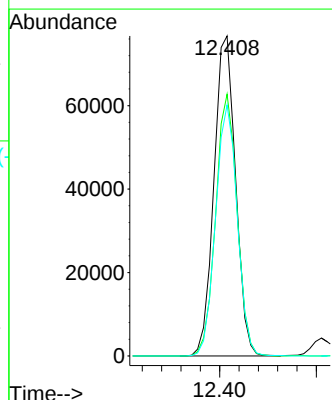
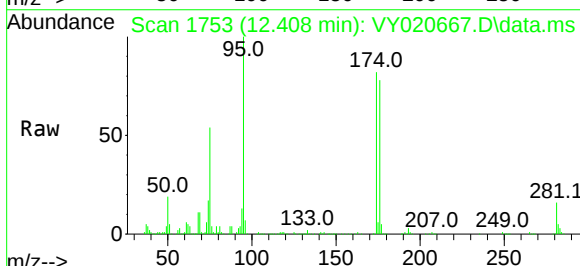
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

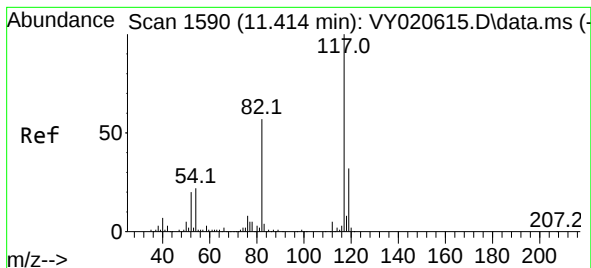
Tgt Ion:107 Resp: 31084
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.581 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 95 Resp: 118853
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.8
176 78.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

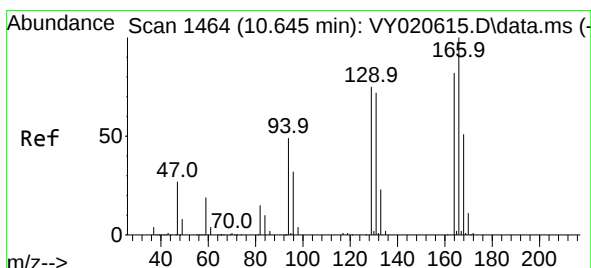
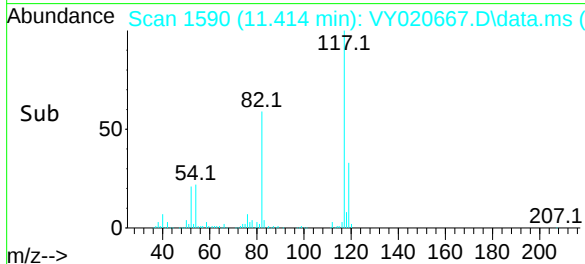
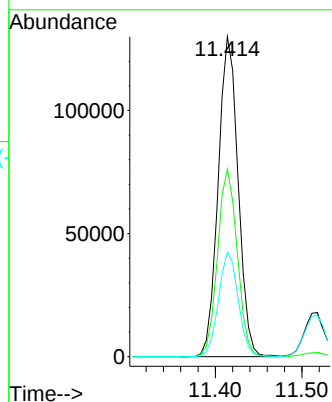
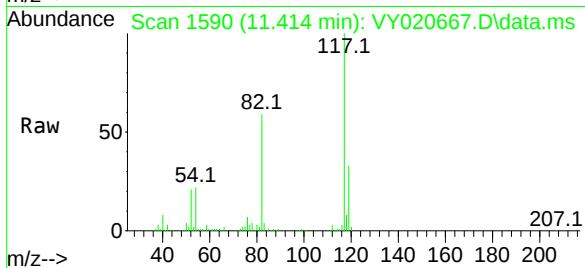
Tgt Ion:117 Resp: 207851

Ion Ratio Lower Upper

117 100

82 58.6 45.8 68.6

119 32.7 25.3 37.9



#64

Tetrachloroethene

Concen: 22.078 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Tgt Ion:164 Resp: 43165

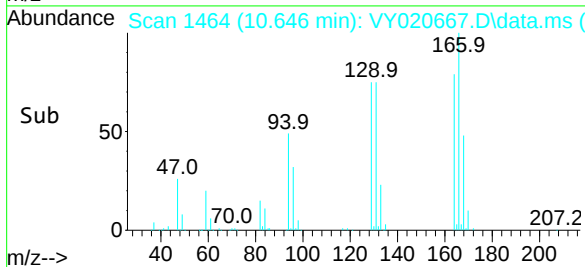
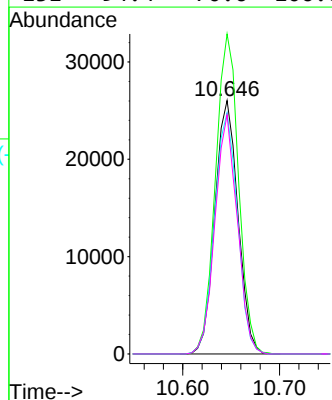
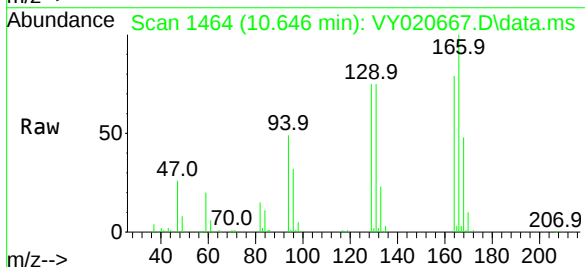
Ion Ratio Lower Upper

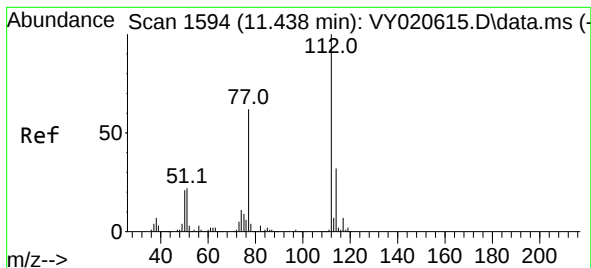
164 100

166 126.2 97.9 146.9

129 95.1 73.4 110.0

131 94.4 70.6 106.0





#65

Chlorobenzene

Concen: 22.358 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

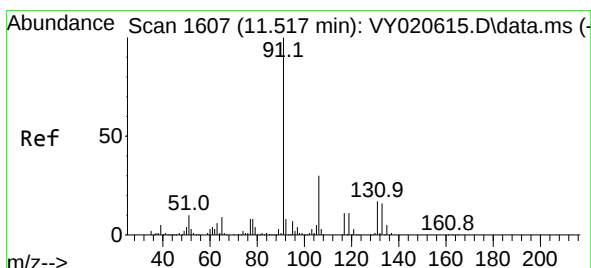
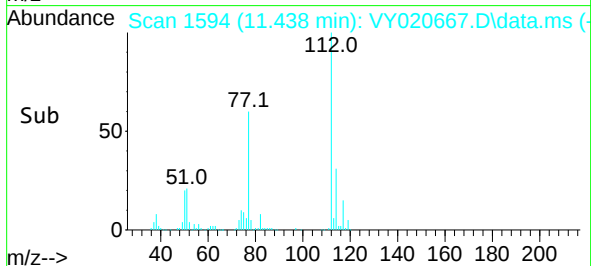
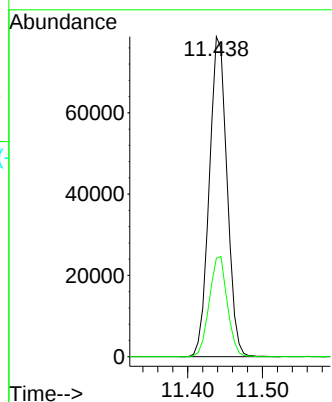
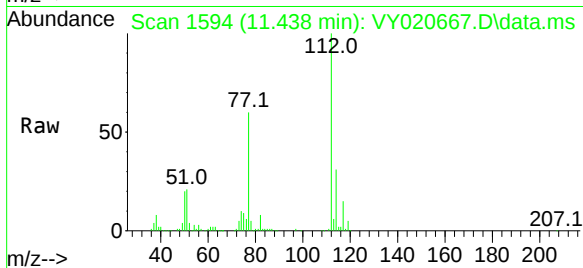
VY1220SBS01

Tgt Ion:112 Resp: 129936

Ion Ratio Lower Upper

112 100

114 30.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 22.826 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

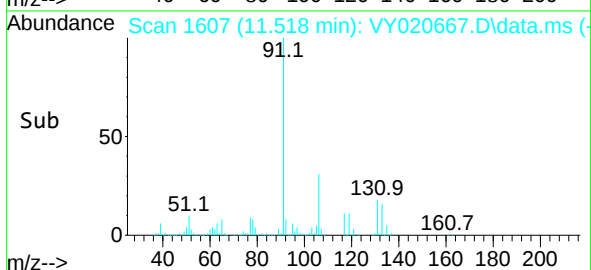
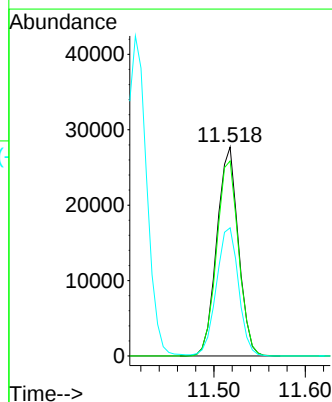
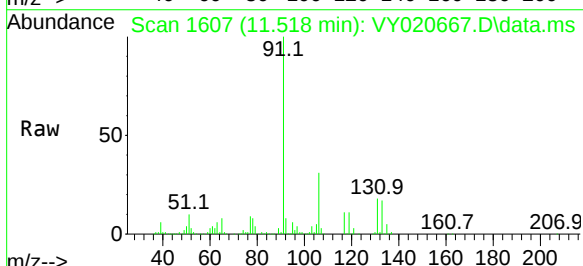
Tgt Ion:131 Resp: 45362

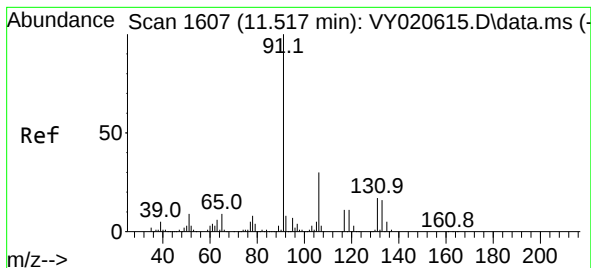
Ion Ratio Lower Upper

131 100

133 95.4 46.8 140.3

119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 22.074 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

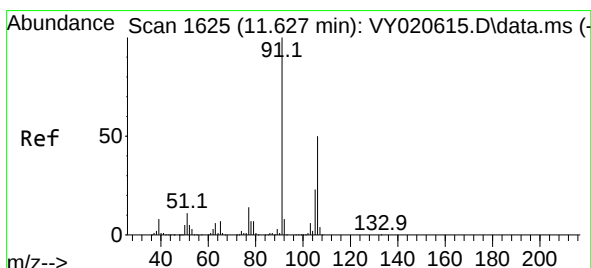
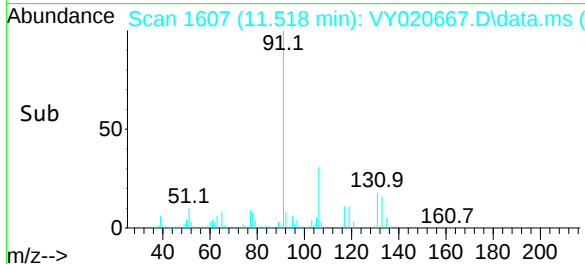
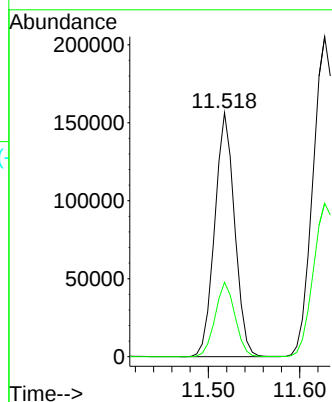
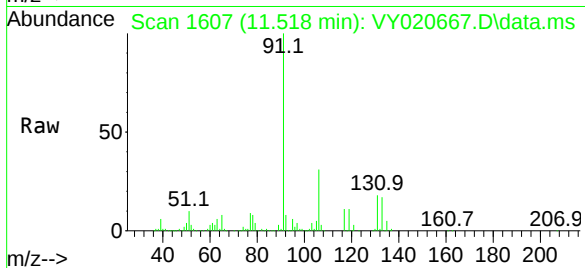
VY1220SBSD01

Tgt Ion: 91 Resp: 236674

Ion Ratio Lower Upper

91 100

106 30.5 23.9 35.9



#68

m/p-Xylenes

Concen: 44.301 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020667.D

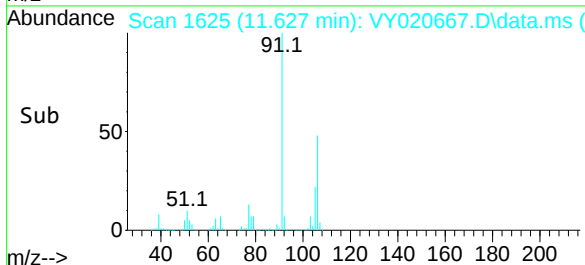
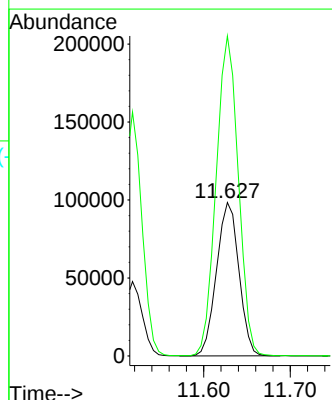
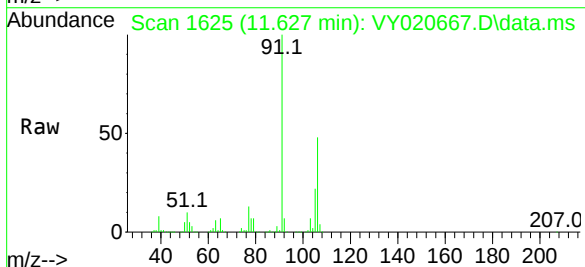
Acq: 20 Dec 2024 13:34

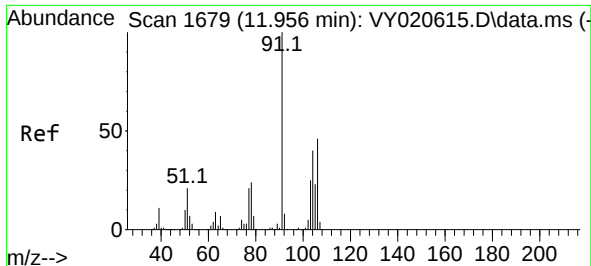
Tgt Ion:106 Resp: 176607

Ion Ratio Lower Upper

106 100

91 207.0 165.0 247.4

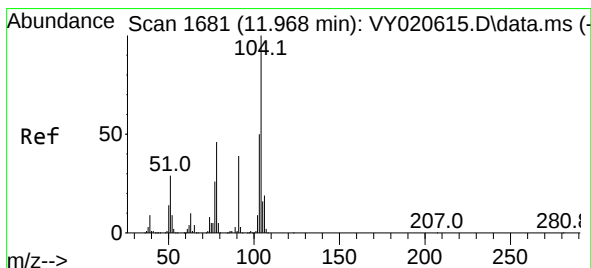
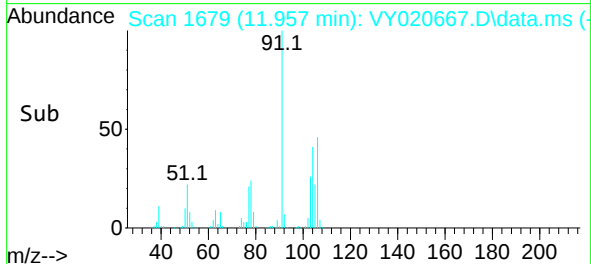
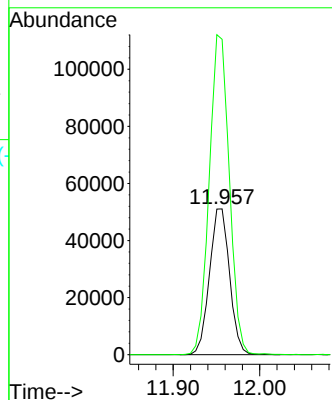
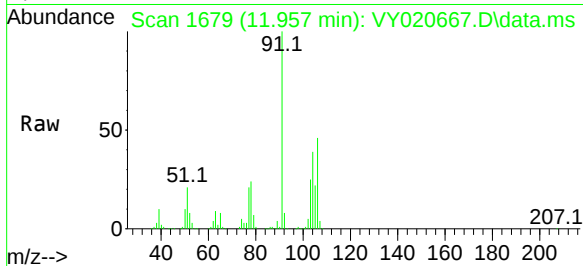




#69
o-Xylene
Concen: 22.127 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

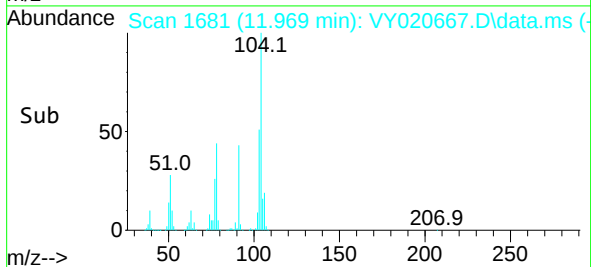
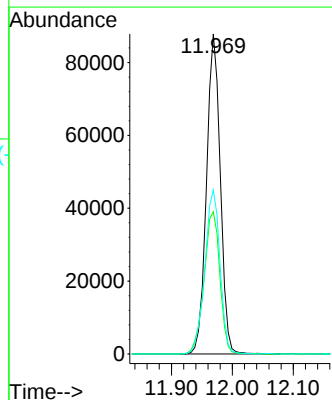
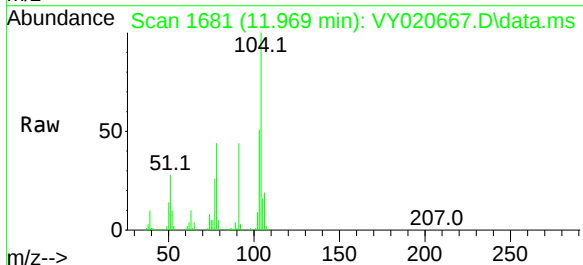
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

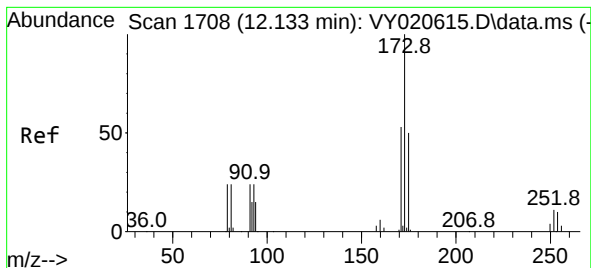
Tgt Ion:106 Resp: 82303
Ion Ratio Lower Upper
106 100
91 219.8 108.4 325.2



#70
Styrene
Concen: 22.284 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion:104 Resp: 138486
Ion Ratio Lower Upper
104 100
78 50.7 41.6 62.4
103 56.2 43.7 65.5





#71

Bromoform

Concen: 22.556 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

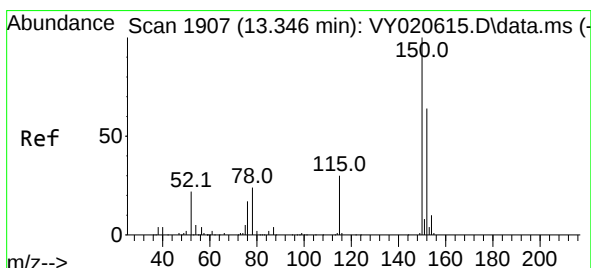
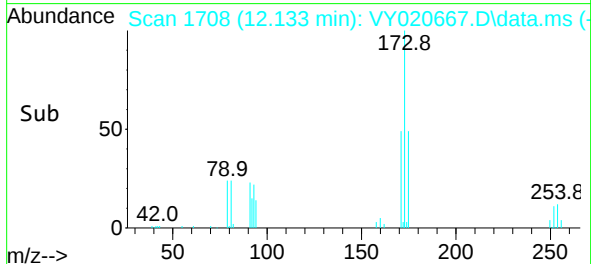
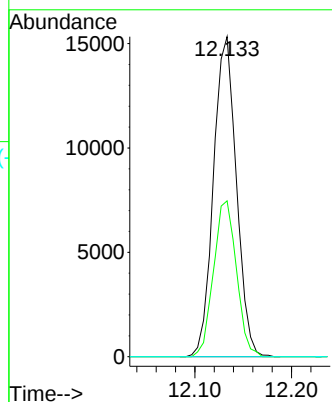
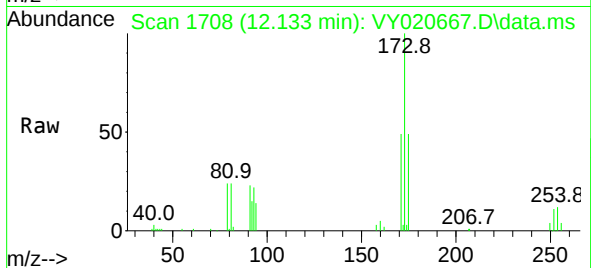
Tgt Ion:173 Resp: 25202

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

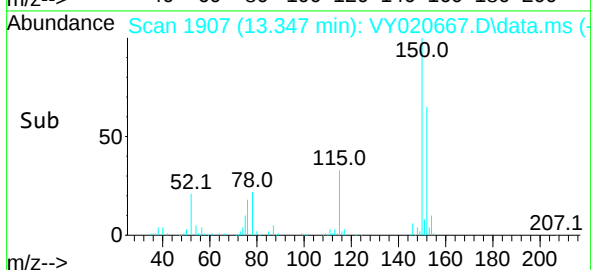
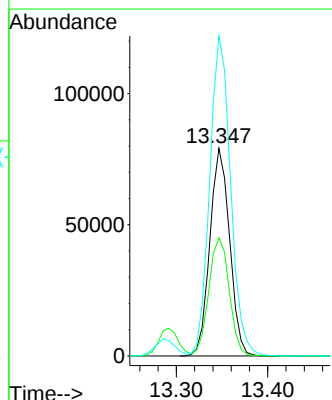
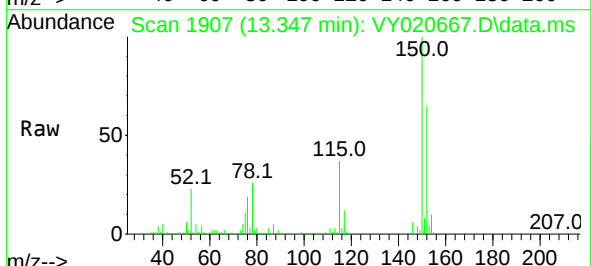
Tgt Ion:152 Resp: 118816

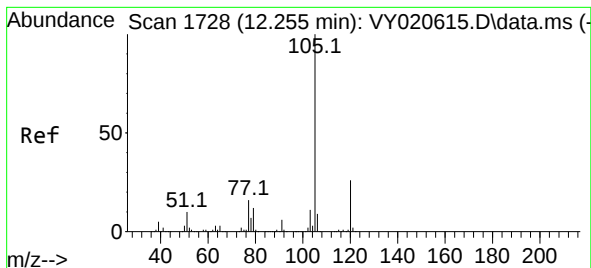
Ion Ratio Lower Upper

152 100

115 58.7 30.2 90.6

150 163.0 0.0 355.4





#73

Isopropylbenzene

Concen: 21.536 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

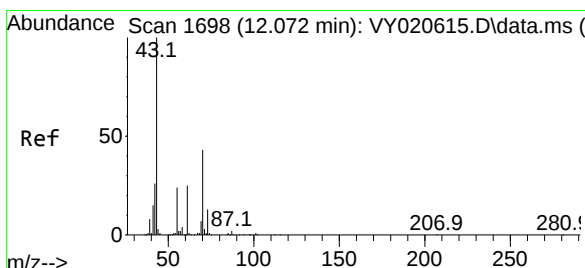
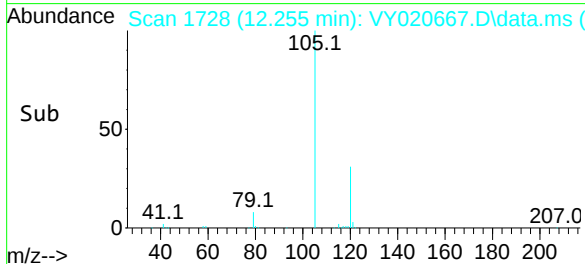
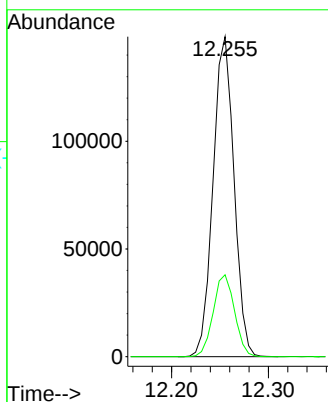
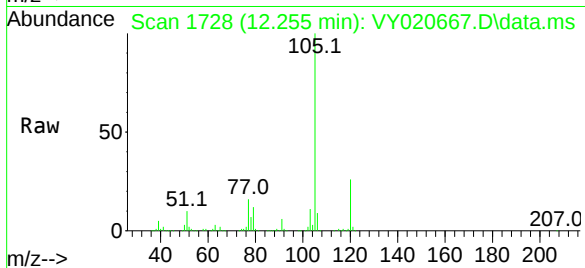
VY1220SBSD01

Tgt Ion:105 Resp: 223291

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 22.269 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Tgt Ion: 43 Resp: 54037

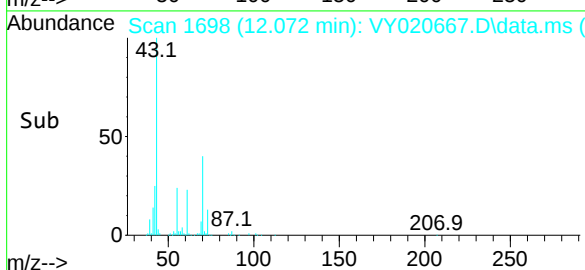
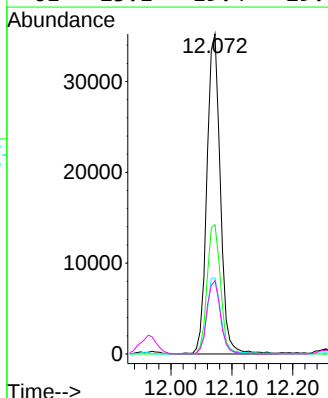
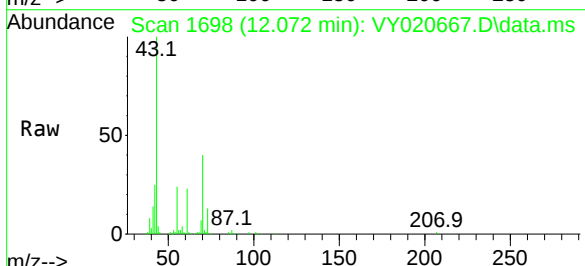
Ion Ratio Lower Upper

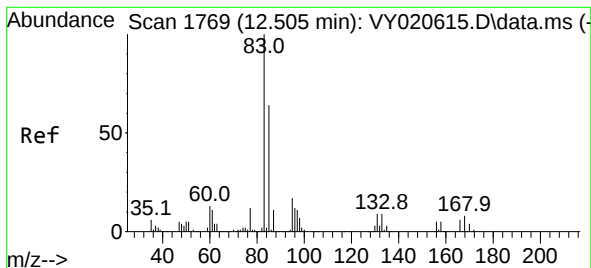
43 100

70 40.7 34.2 51.2

55 24.6 19.6 29.4

61 23.1 19.4 29.0

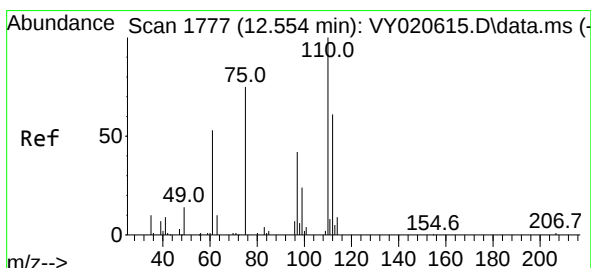
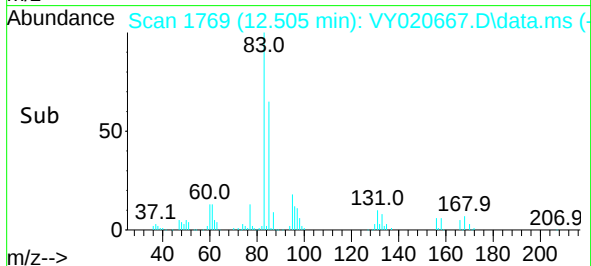
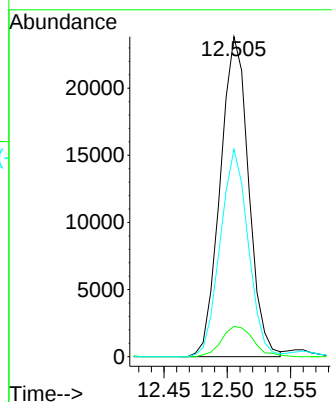
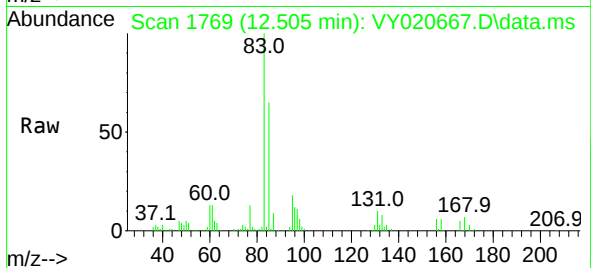




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.056 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

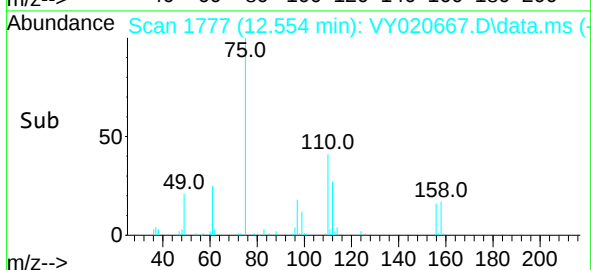
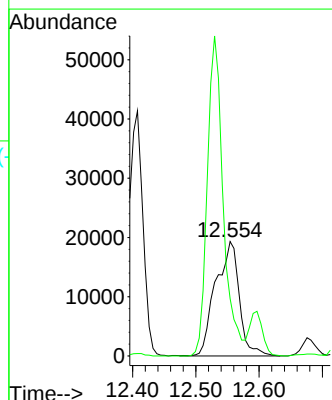
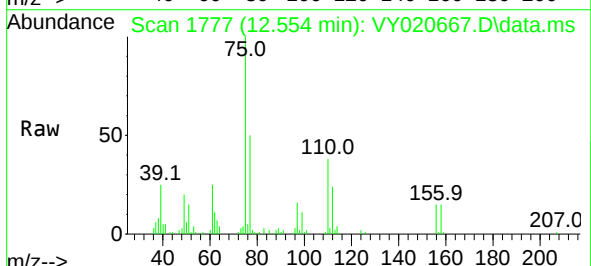
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

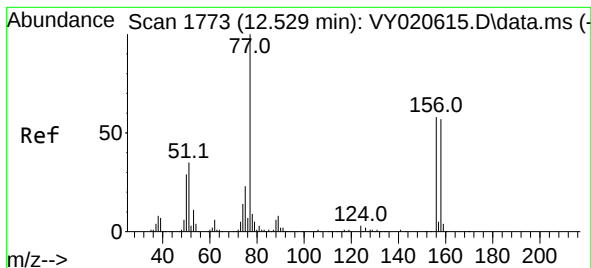
Tgt Ion: 83 Resp: 37121
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 63.8 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 40.668 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY020667.D
 Acq: 20 Dec 2024 13:34

Tgt Ion: 75 Resp: 50195
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.353 ug/l

RT: 12.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

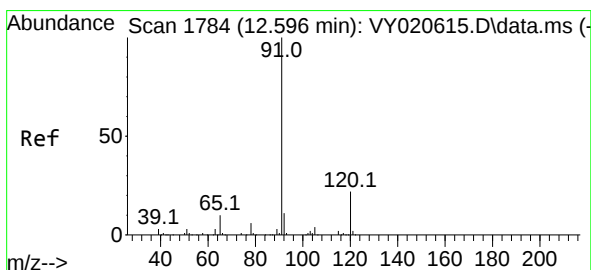
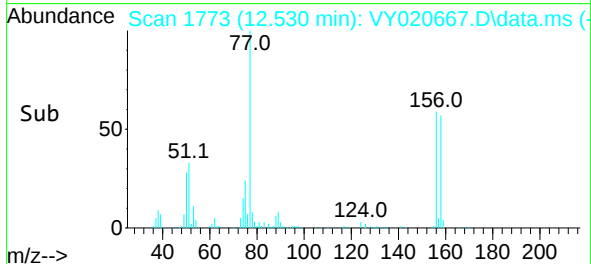
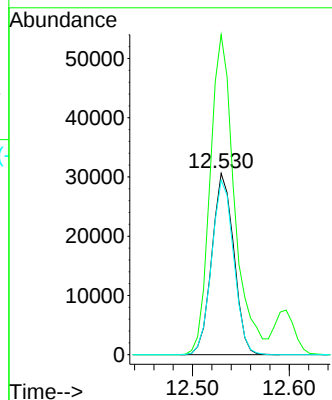
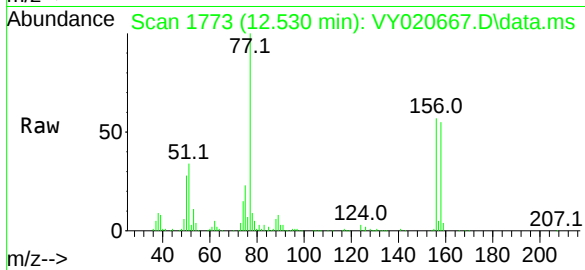
Tgt Ion:156 Resp: 48228

Ion Ratio Lower Upper

156 100

77 197.3 94.2 282.4

158 97.3 48.9 146.6



#78

n-propylbenzene

Concen: 21.448 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020667.D

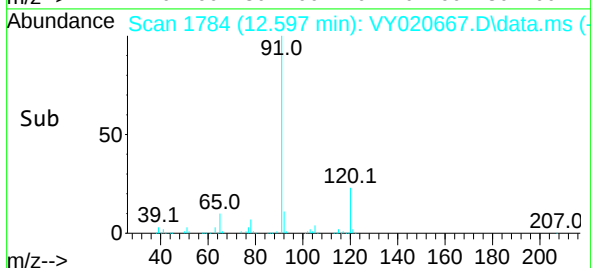
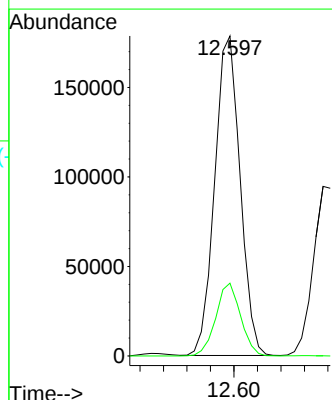
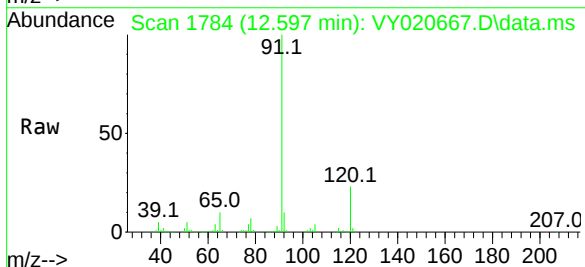
Acq: 20 Dec 2024 13:34

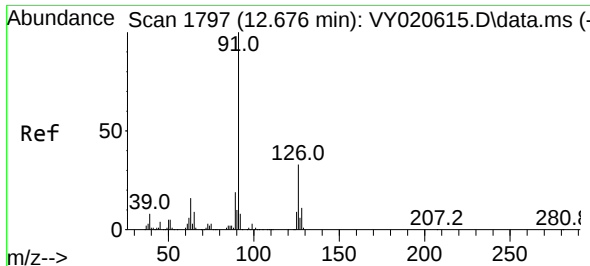
Tgt Ion: 91 Resp: 267926

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.1

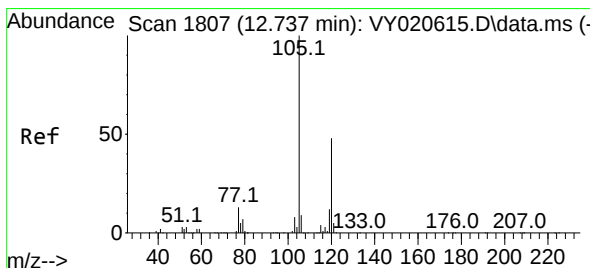
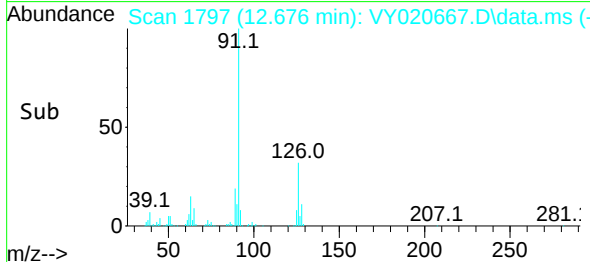
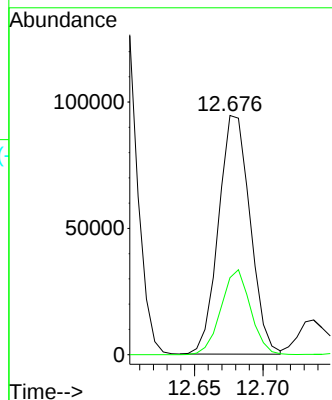
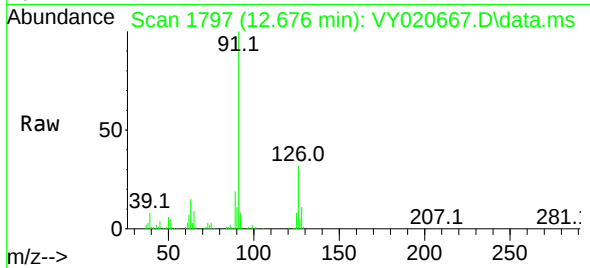




#79
2-Chlorotoluene
Concen: 21.578 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

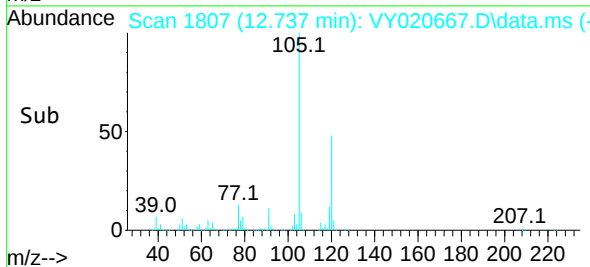
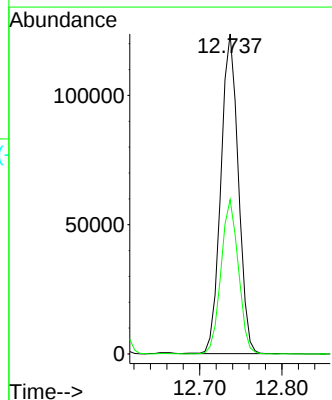
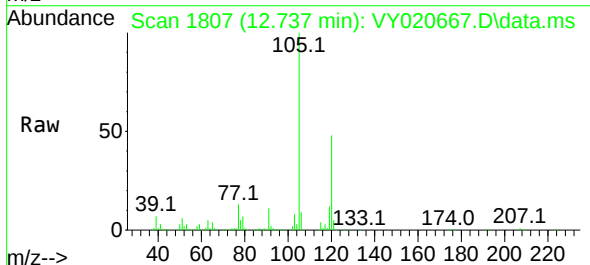
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBSD01

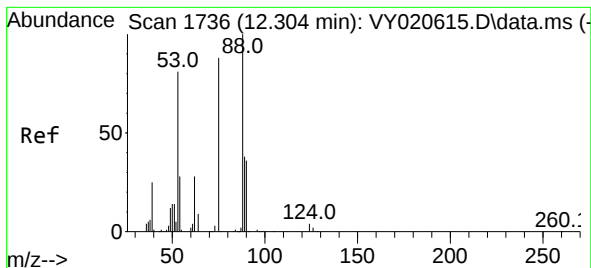
Tgt Ion: 91 Resp: 151653
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 21.675 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 105 Resp: 182355
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

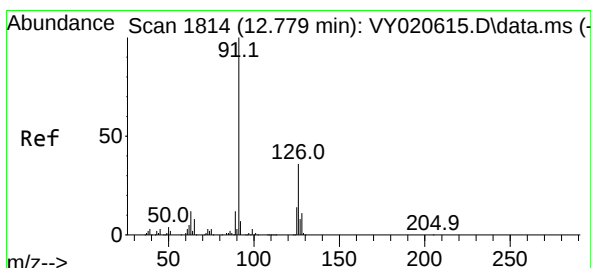
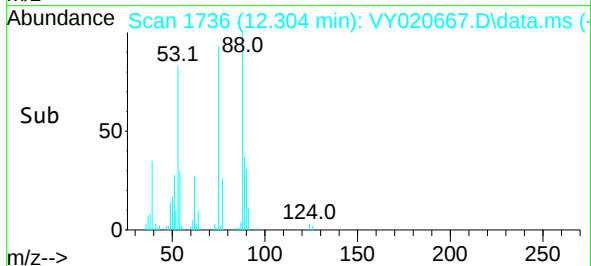
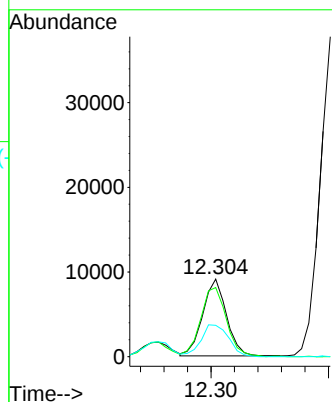
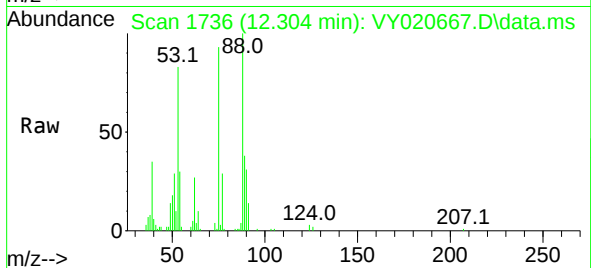




#81
trans-1,4-Dichloro-2-butene
Concen: 21.583 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

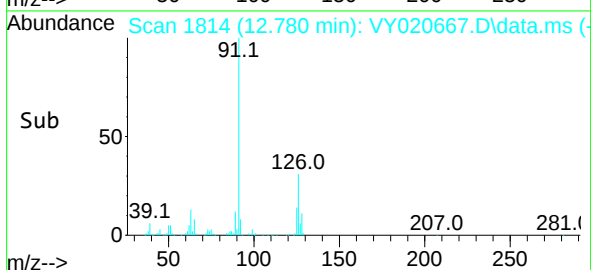
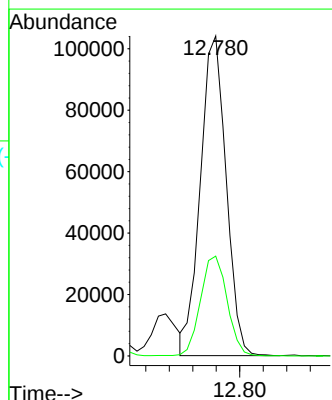
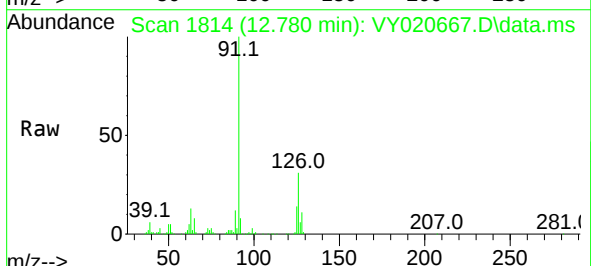
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

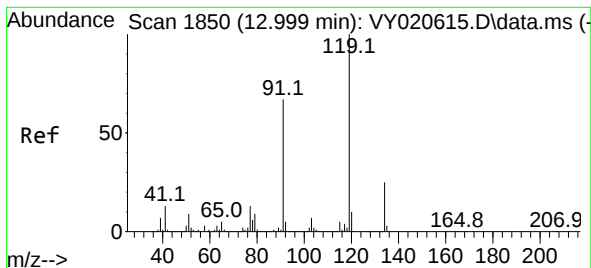
Tgt Ion: 75 Resp: 12691
Ion Ratio Lower Upper
75 100
53 98.5 75.4 113.2
89 48.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.706 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020667.D
Acq: 20 Dec 2024 13:34

Tgt Ion: 91 Resp: 158267
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7





#83

tert-Butylbenzene

Concen: 21.364 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

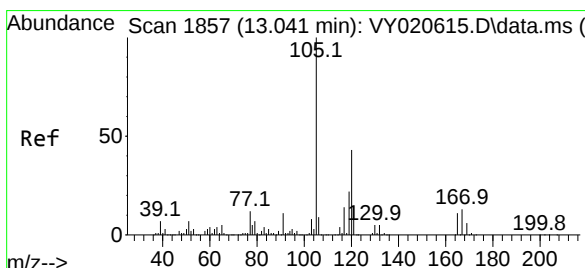
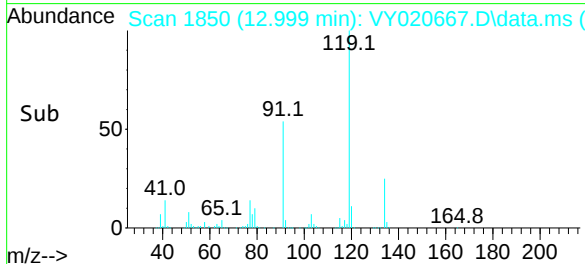
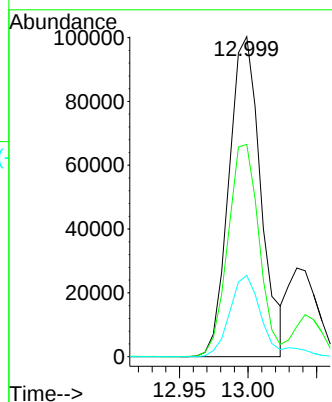
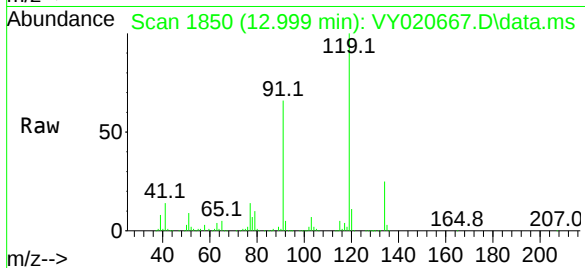
Tgt Ion:119 Resp: 162779

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 21.837 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020667.D

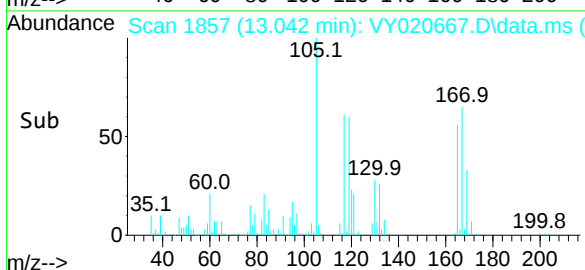
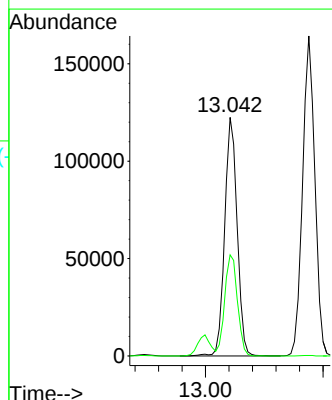
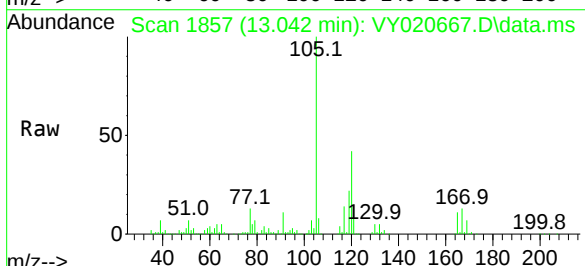
Acq: 20 Dec 2024 13:34

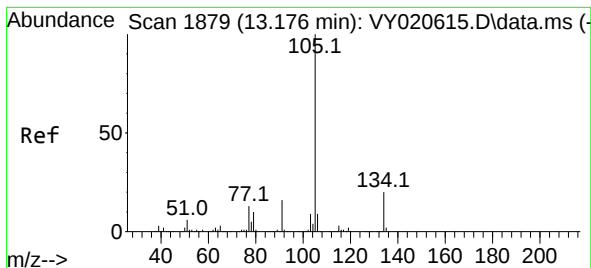
Tgt Ion:105 Resp: 180211

Ion Ratio Lower Upper

105 100

120 43.2 21.8 65.4





#85

sec-Butylbenzene

Concen: 21.499 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

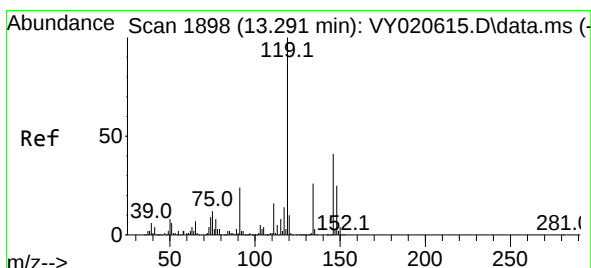
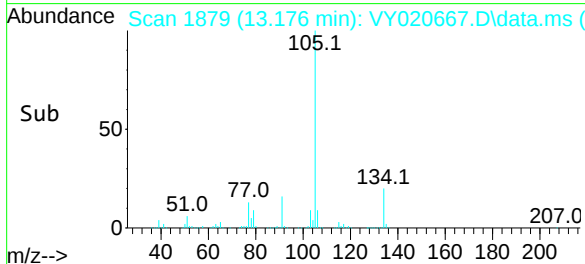
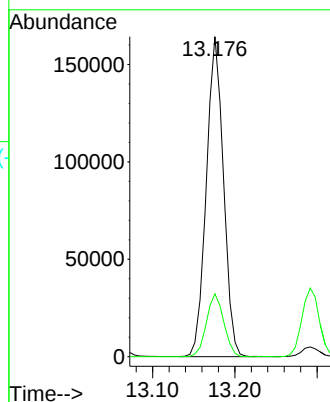
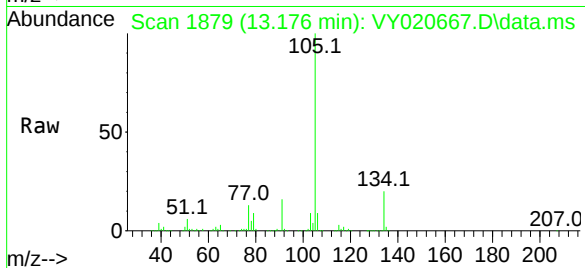
VY1220SBS01

Tgt Ion:105 Resp: 238168

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 21.573 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

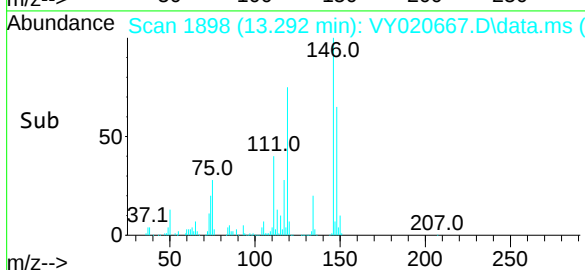
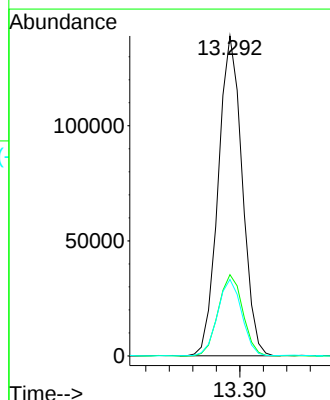
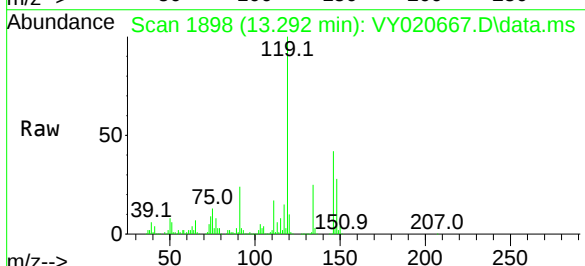
Tgt Ion:119 Resp: 197046

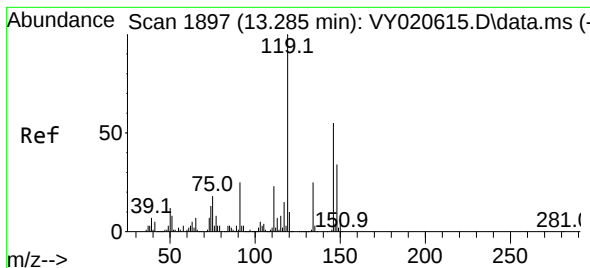
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.429 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

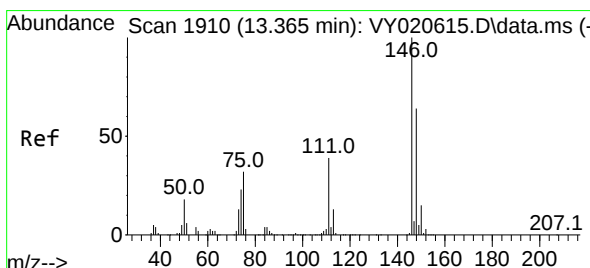
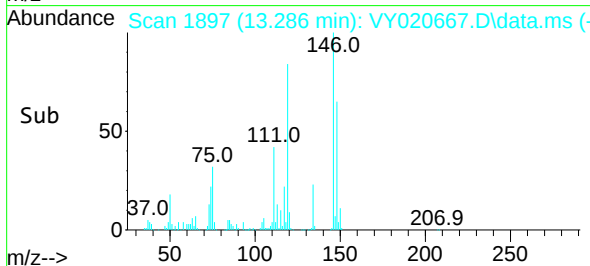
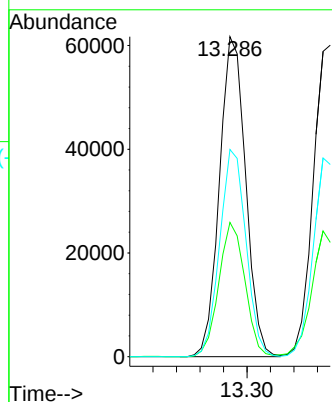
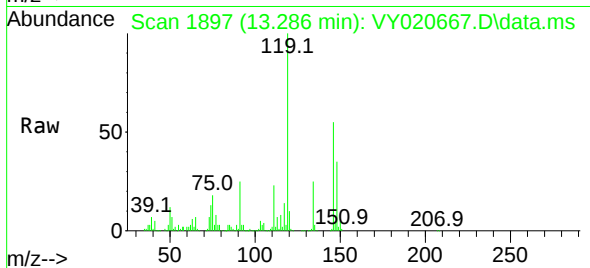
Tgt Ion:146 Resp: 95540

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.8

148 65.0 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 21.519 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

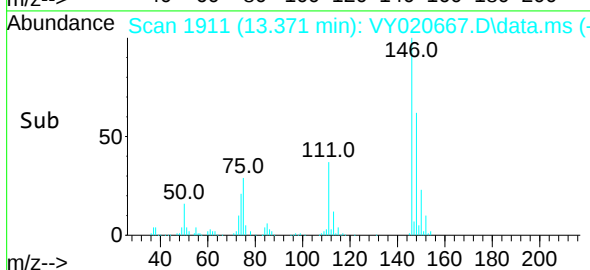
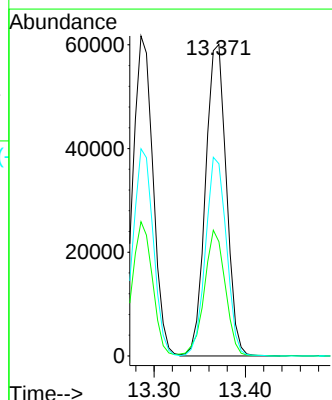
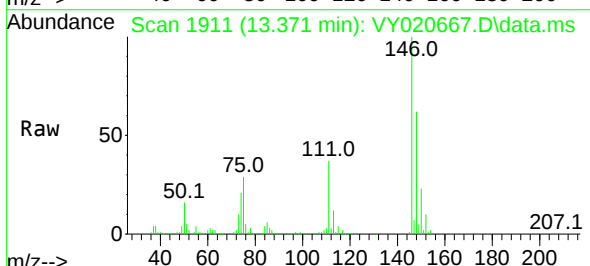
Tgt Ion:146 Resp: 95023

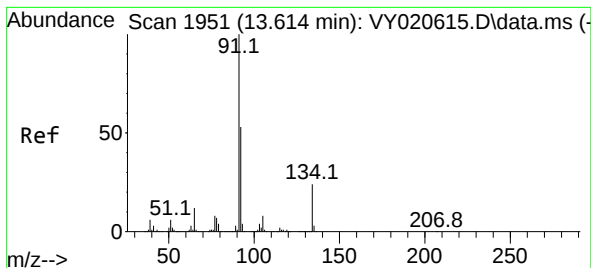
Ion Ratio Lower Upper

146 100

111 40.7 19.6 58.7

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 21.186 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

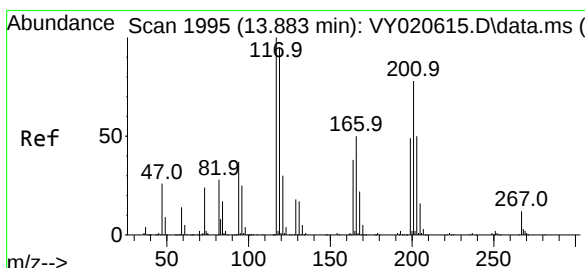
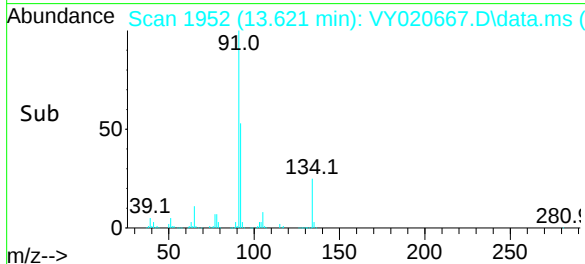
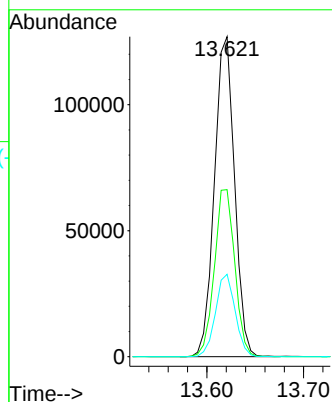
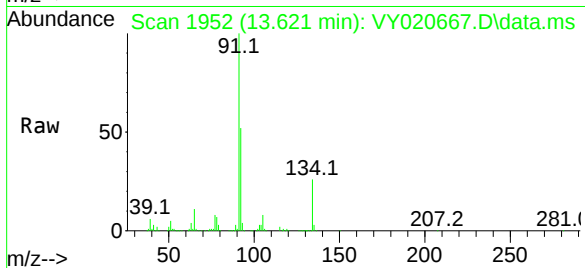
Tgt Ion: 91 Resp: 183392

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 25.2 12.5 37.5



#90

Hexachloroethane

Concen: 21.066 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020667.D

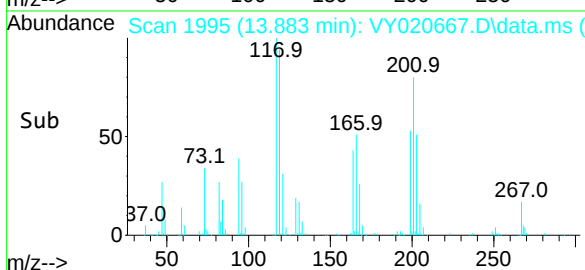
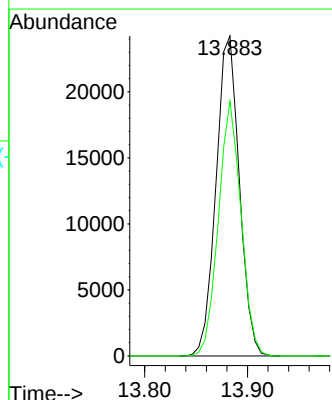
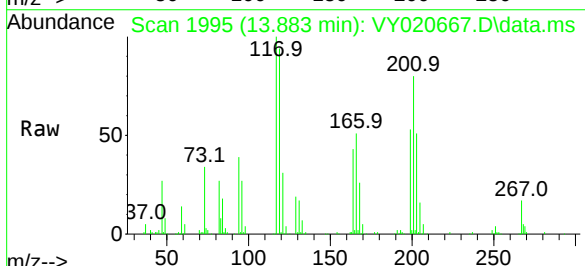
Acq: 20 Dec 2024 13:34

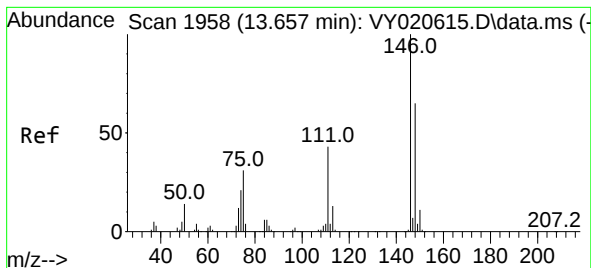
Tgt Ion: 117 Resp: 38132

Ion Ratio Lower Upper

117 100

201 77.3 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 21.520 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBSD01

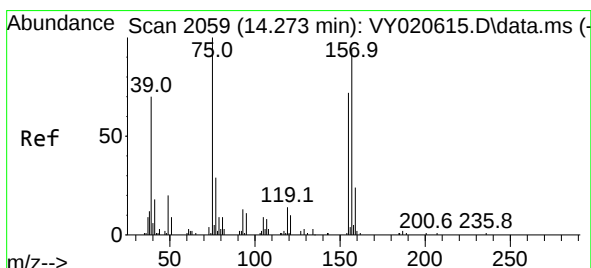
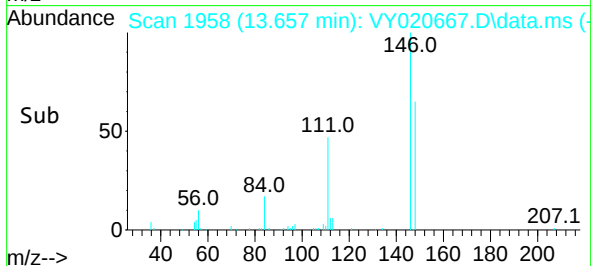
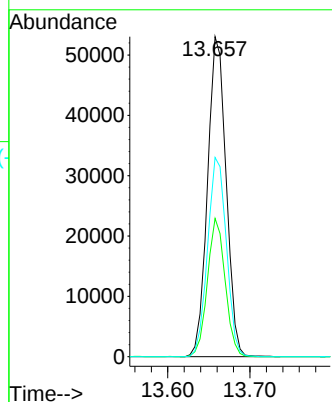
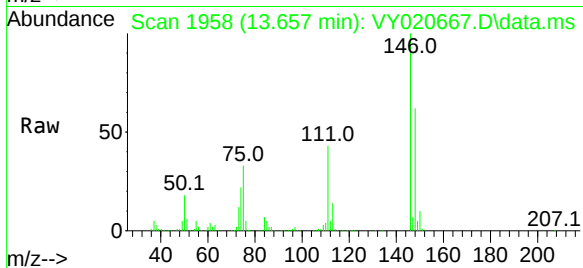
Tgt Ion:146 Resp: 83132

Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

148 63.1 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.190 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

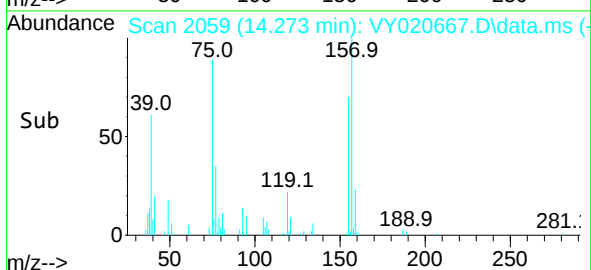
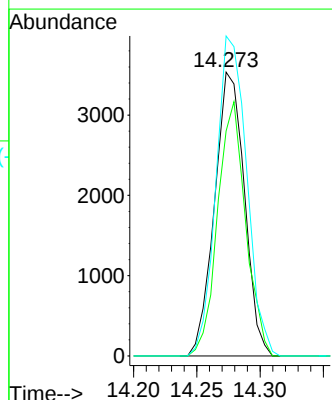
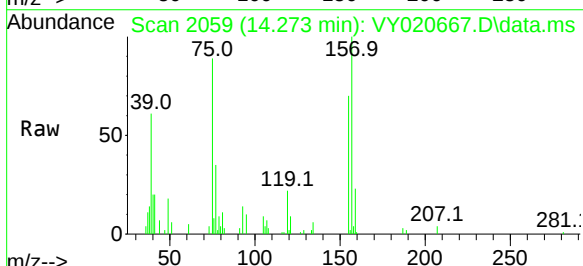
Tgt Ion: 75 Resp: 5790

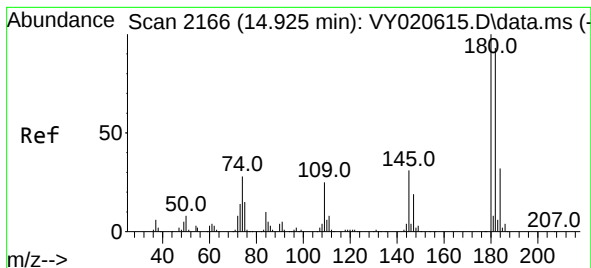
Ion Ratio Lower Upper

75 100

155 84.0 41.1 123.3

157 115.6 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 20.610 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

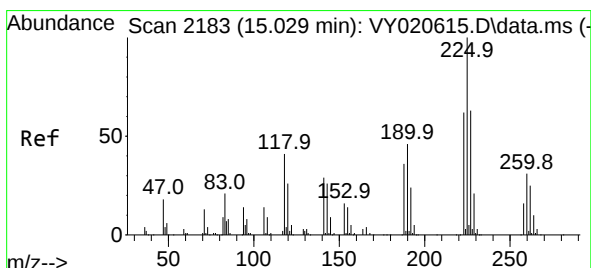
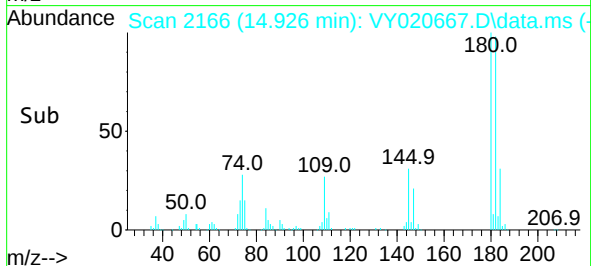
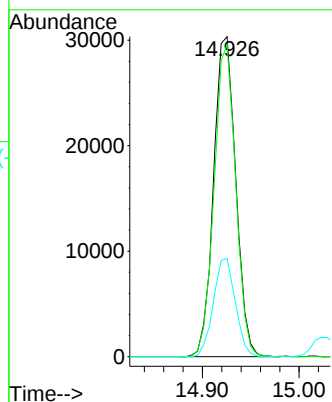
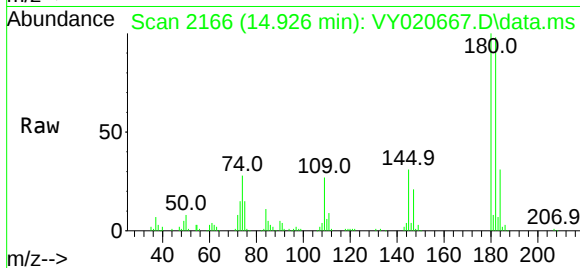
Tgt Ion:180 Resp: 48158

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 30.5 15.6 46.7



#94

Hexachlorobutadiene

Concen: 20.986 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

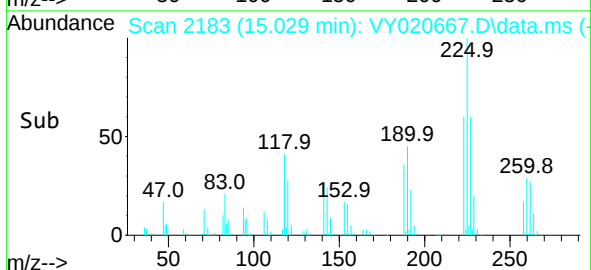
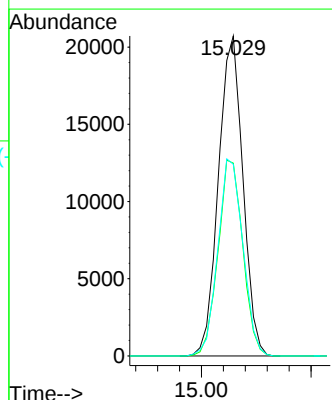
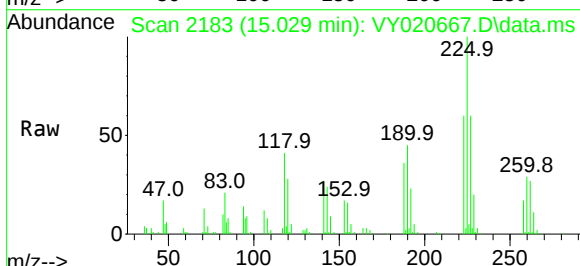
Tgt Ion:225 Resp: 32056

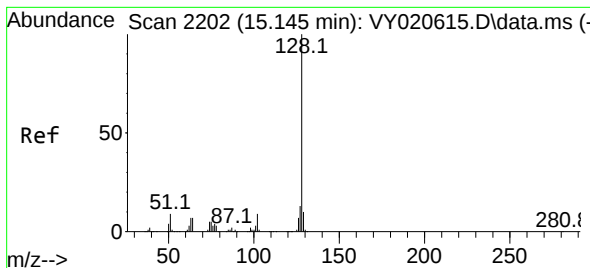
Ion Ratio Lower Upper

225 100

223 62.0 31.8 95.3

227 63.2 32.2 96.6





#95

Naphthalene

Concen: 21.127 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

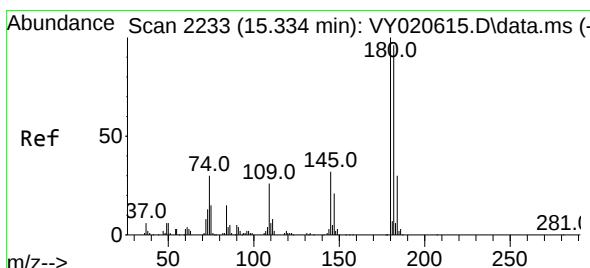
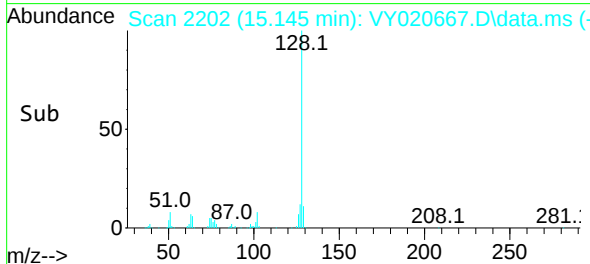
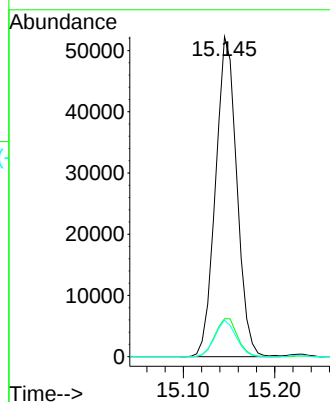
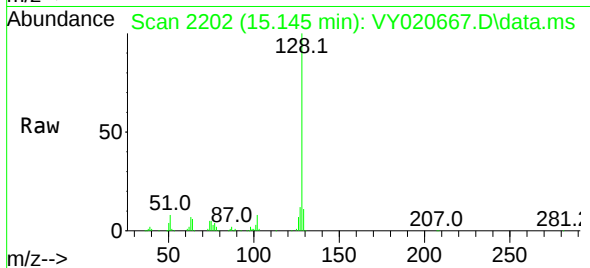
Tgt Ion:128 Resp: 84632

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 11.4 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.750 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020667.D

Acq: 20 Dec 2024 13:34

Tgt Ion:180 Resp: 40965

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 32.8 16.0 48.0

