

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021027.D
 Acq On : 03 Feb 2025 13:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:48:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	186133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	280950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	237569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104134	54.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.200%	
35) Dibromofluoromethane	7.640	113	104051	57.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.580%	
50) Toluene-d8	10.109	98	411045	59.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.940%	
62) 4-Bromofluorobenzene	12.407	95	131943	58.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	86748	52.290	ug/l	98
3) Chloromethane	2.074	50	85135	52.006	ug/l	100
4) Vinyl Chloride	2.208	62	84130	51.058	ug/l	99
5) Bromomethane	2.598	94	53592	52.624	ug/l	94
6) Chloroethane	2.738	64	48969	49.925	ug/l	96
7) Trichlorofluoromethane	3.068	101	155690	51.864	ug/l	99
8) Diethyl Ether	3.458	74	43771	46.708	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	97040	51.507	ug/l	95
10) Methyl Iodide	4.013	142	102264	48.858	ug/l	95
11) Tert butyl alcohol	4.860	59	27677	214.161	ug/l	96
12) 1,1-Dichloroethene	3.793	96	91949	51.810	ug/l	92
13) Acrolein	3.653	56	46827	235.305	ug/l	100
14) Allyl chloride	4.391	41	151536	50.663	ug/l	96
15) Acrylonitrile	5.061	53	89881	230.328	ug/l	99
16) Acetone	3.866	43	72566	243.997	ug/l	96
17) Carbon Disulfide	4.110	76	289409	52.004	ug/l	99
18) Methyl Acetate	4.391	43	48057	46.031	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	213244	47.538	ug/l	100
20) Methylene Chloride	4.628	84	91358	49.414	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	98665	50.506	ug/l	94
22) Diisopropyl ether	6.024	45	304603	49.407	ug/l	98
23) Vinyl Acetate	5.964	43	819243	238.370	ug/l	100
24) 1,1-Dichloroethane	5.921	63	179904	49.806	ug/l	97
25) 2-Butanone	6.896	43	114117	233.503	ug/l	96
26) 2,2-Dichloropropane	6.890	77	169757	50.791	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	111947	49.785	ug/l	94
28) Bromochloromethane	7.250	49	78173	54.731	ug/l	99
29) Tetrahydrofuran	7.262	42	75445	228.139	ug/l	96
30) Chloroform	7.427	83	181229	48.846	ug/l	97
31) Cyclohexane	7.707	56	162806	50.051	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	174612	50.620	ug/l	99
36) 1,1-Dichloropropene	7.841	75	140344	52.625	ug/l	99
37) Ethyl Acetate	6.988	43	54994	47.006	ug/l	100
38) Carbon Tetrachloride	7.823	117	161137	51.711	ug/l	100
39) Methylcyclohexane	9.115	83	176554	54.123	ug/l	97
40) Benzene	8.085	78	399547	51.052	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021027.D
 Acq On : 03 Feb 2025 13:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:48:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	29193	43.131	ug/l	98
42) 1,2-Dichloroethane	8.164	62	104015	47.910	ug/l	97
43) Isopropyl Acetate	8.201	43	110476	47.523	ug/l	98
44) Trichloroethene	8.872	130	102671	50.777	ug/l	95
45) 1,2-Dichloropropane	9.146	63	92259	49.666	ug/l	99
46) Dibromomethane	9.237	93	48251	46.914	ug/l	95
47) Bromodichloromethane	9.426	83	134607	48.799	ug/l	99
48) Methyl methacrylate	9.225	41	52480	49.560	ug/l	93
49) 1,4-Dioxane	9.231	88	9588	1001.398	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	276605	236.615	ug/l	97
52) Toluene	10.176	92	251287	51.135	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	123718	49.950	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	148244	50.550	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	62357	46.820	ug/l	99
56) Ethyl methacrylate	10.444	69	87450	49.082	ug/l	93
57) 1,3-Dichloropropane	10.719	76	110606	47.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	213481	251.852	ug/l	99
59) 2-Hexanone	10.761	43	180455	239.750	ug/l	96
60) Dibromochloromethane	10.914	129	90009	48.123	ug/l	100
61) 1,2-Dibromoethane	11.017	107	59039	47.325	ug/l	100
64) Tetrachloroethene	10.652	164	92493	52.446	ug/l	95
65) Chlorobenzene	11.444	112	268544	50.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.523	131	94662	50.356	ug/l	98
67) Ethyl Benzene	11.523	91	492537	52.642	ug/l	99
68) m/p-Xylenes	11.633	106	367445	104.978	ug/l	98
69) o-Xylene	11.956	106	169897	52.062	ug/l	96
70) Styrene	11.975	104	282879	52.009	ug/l	99
71) Bromoform	12.133	173	50400	48.166	ug/l #	99
73) Isopropylbenzene	12.255	105	467245	53.377	ug/l	99
74) N-amyl acetate	12.072	43	94701	49.483	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	68636	47.145	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	93028	91.514	ug/l #	100
77) Bromobenzene	12.536	156	101991	50.490	ug/l	93
78) n-propylbenzene	12.596	91	558013	53.513	ug/l	98
79) 2-Chlorotoluene	12.682	91	310097	51.922	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	375018	52.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24332	48.841	ug/l	98
82) 4-Chlorotoluene	12.779	91	313949	51.594	ug/l	100
83) tert-Butylbenzene	13.005	119	348046	53.952	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	370353	53.370	ug/l	99
85) sec-Butylbenzene	13.182	105	494957	53.301	ug/l	98
86) p-Isopropyltoluene	13.298	119	411332	53.325	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	198405	50.868	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	193207	50.309	ug/l	99
89) n-Butylbenzene	13.621	91	384473	54.636	ug/l	99
90) Hexachloroethane	13.883	117	82908	51.521	ug/l	84
91) 1,2-Dichlorobenzene	13.663	146	168238	49.696	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10000	45.965	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	98409	52.224	ug/l	99
94) Hexachlorobutadiene	15.029	225	65883	52.760	ug/l	99
95) Naphthalene	15.151	128	154493	51.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	79793	50.882	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021027.D
Acq On : 03 Feb 2025 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

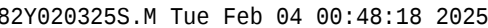
Instrument :
MSVOA_Y
ClientSampleId :

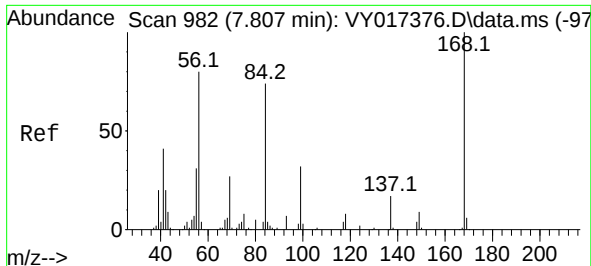
Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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

Quant Time: Feb 04 00:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

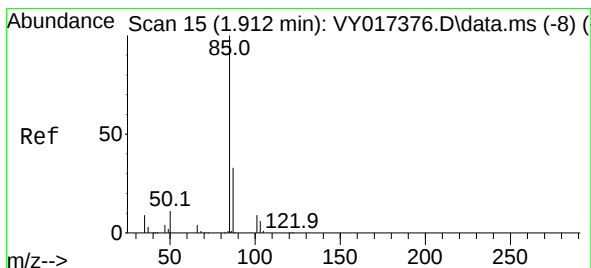
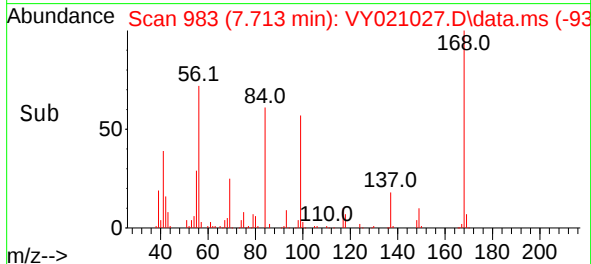
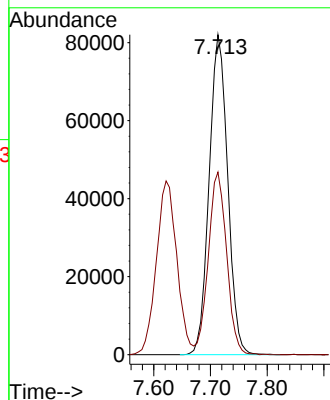
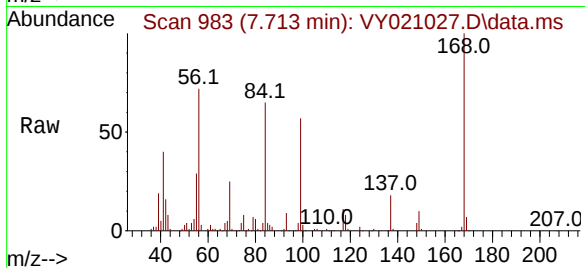




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

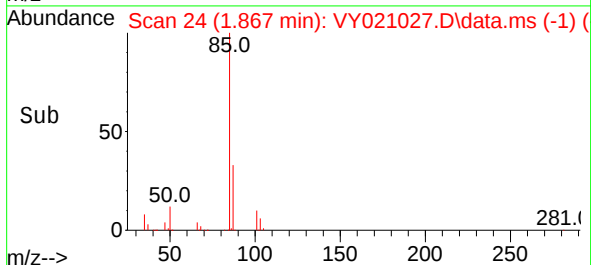
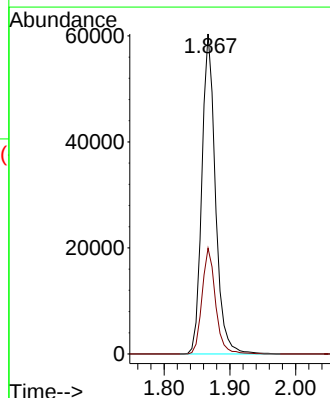
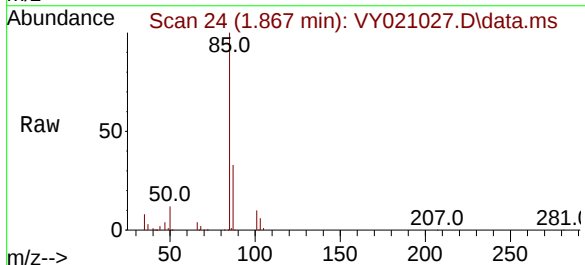
Instrument :
MSVOA_Y
ClientSampleId :

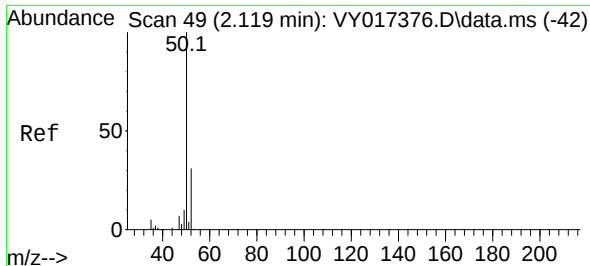
Tgt Ion:168 Resp: 186133
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 52.290 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

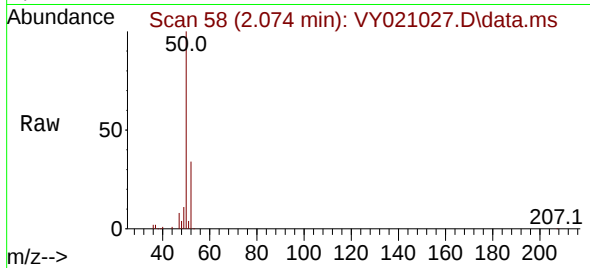
Tgt Ion: 85 Resp: 86748
Ion Ratio Lower Upper
85 100
87 33.0 17.1 51.3



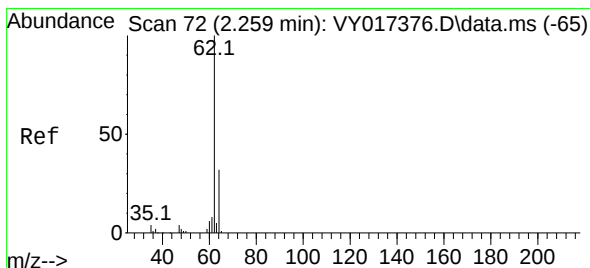
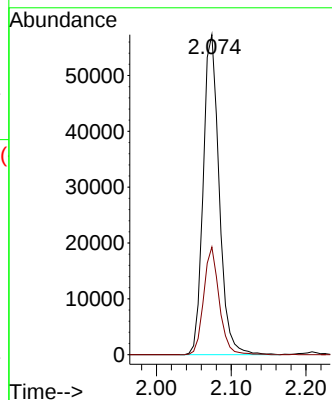
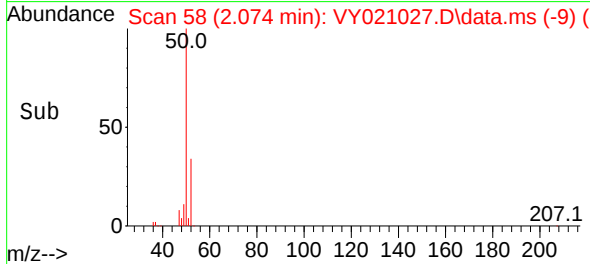


#3
Chloromethane
Concen: 52.006 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :

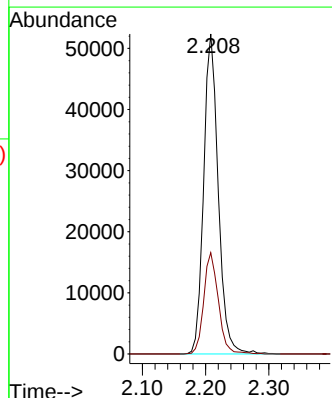
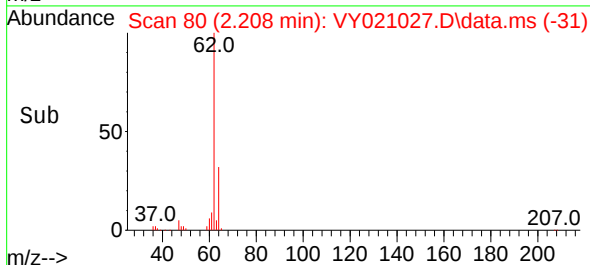
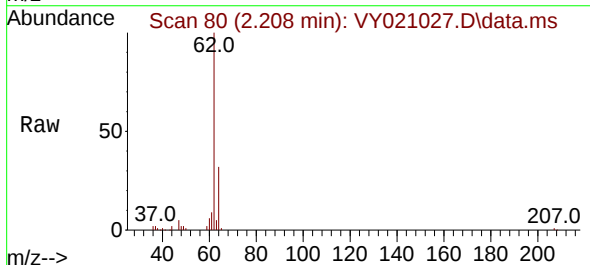


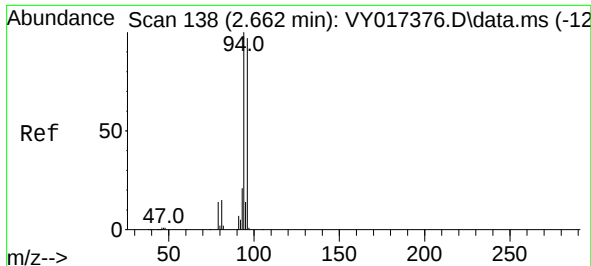
Tgt Ion: 50 Resp: 85135
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 51.058 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 62 Resp: 84130
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5

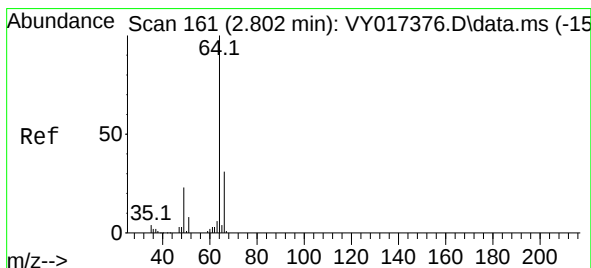
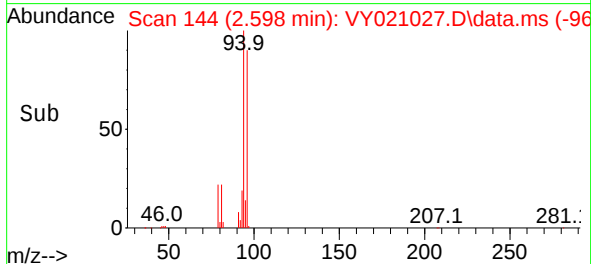
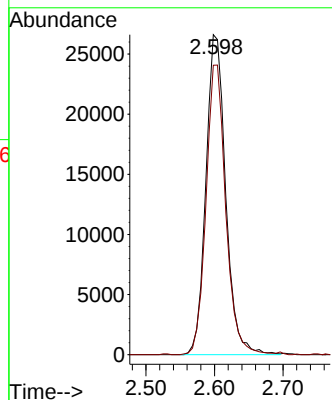
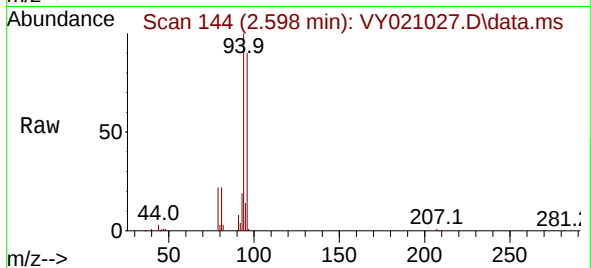




#5
Bromomethane
Concen: 52.624 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

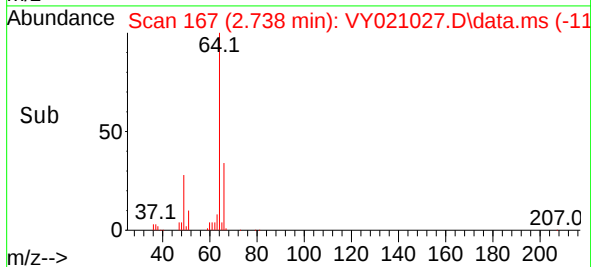
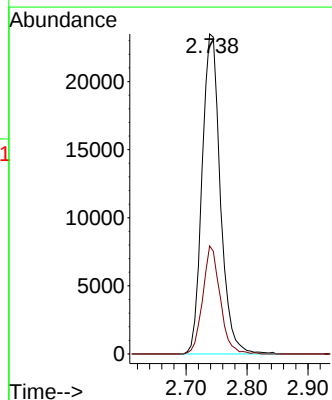
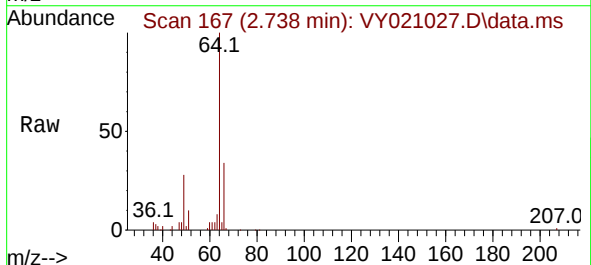
Instrument :
MSVOA_Y
ClientSampleId :

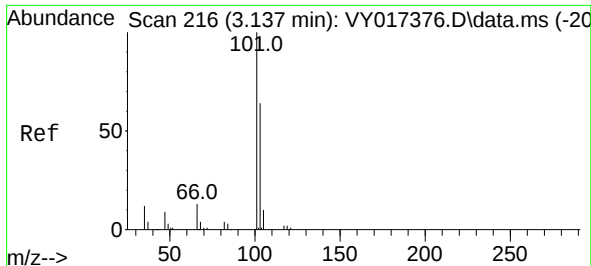
Tgt Ion: 94 Resp: 53592
Ion Ratio Lower Upper
94 100
96 90.5 77.3 115.9



#6
Chloroethane
Concen: 49.925 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

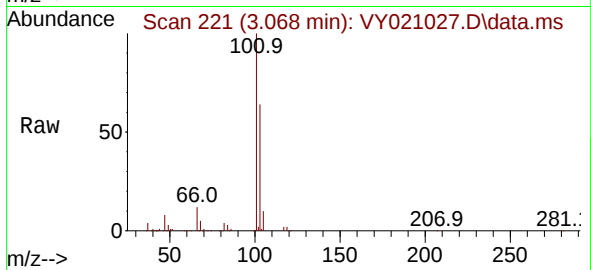
Tgt Ion: 64 Resp: 48969
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7



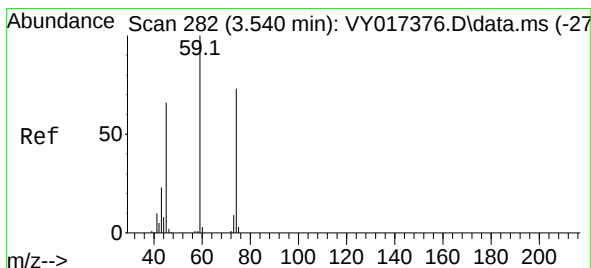
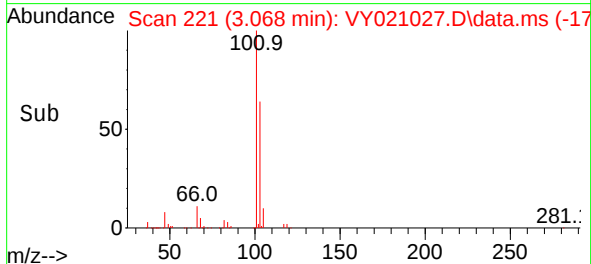
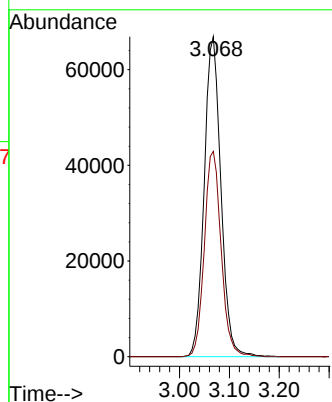


#7
 Trichlorofluoromethane
 Concen: 51.864 ug/l
 RT: 3.068 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY021027.D
 Acq: 03 Feb 2025 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :

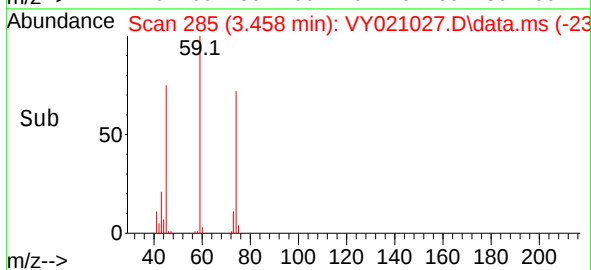
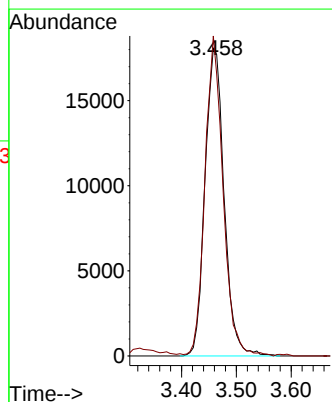
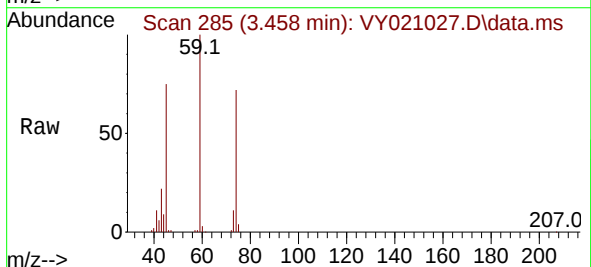


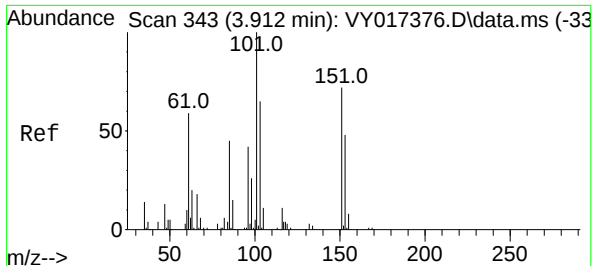
Tgt Ion:101 Resp: 155690
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.708 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021027.D
 Acq: 03 Feb 2025 13:37

Tgt Ion: 74 Resp: 43771
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.9 143.7

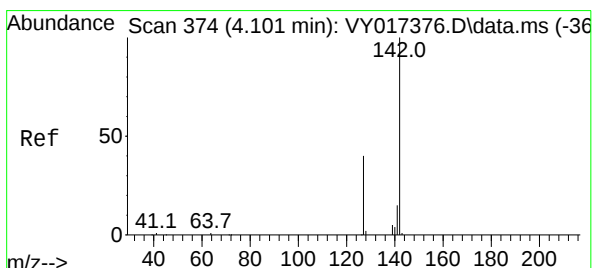
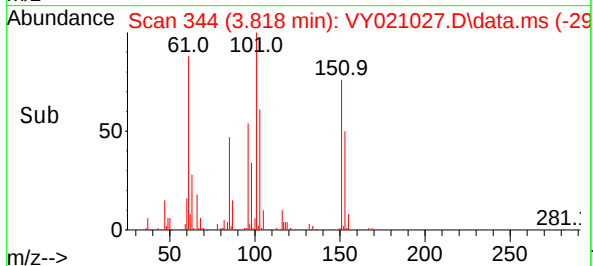
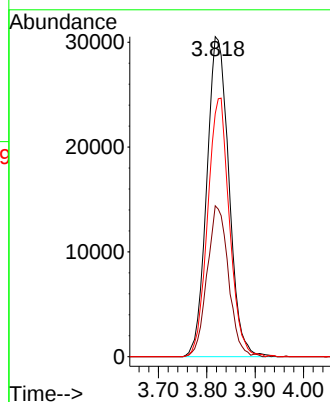
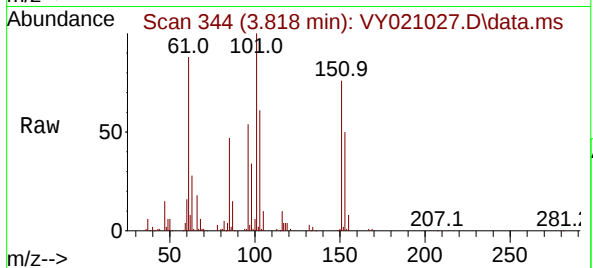




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.507 ug/l
RT: 3.818 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

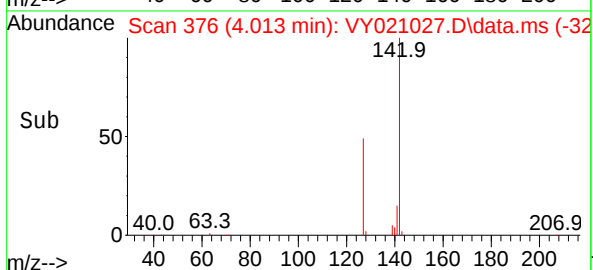
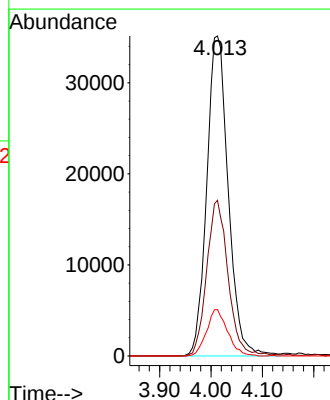
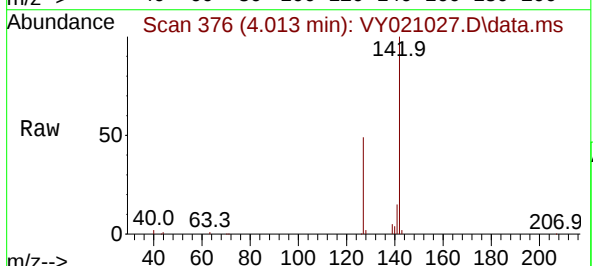
Instrument :
MSVOA_Y
ClientSampleId :

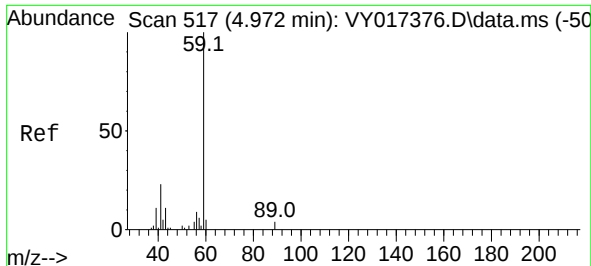
Tgt Ion:101 Resp: 97040
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 79.3 58.6 88.0



#10
Methyl Iodide
Concen: 48.858 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:142 Resp: 102264
Ion Ratio Lower Upper
142 100
127 48.1 35.1 52.7
141 14.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 214.161 ug/l

RT: 4.860 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

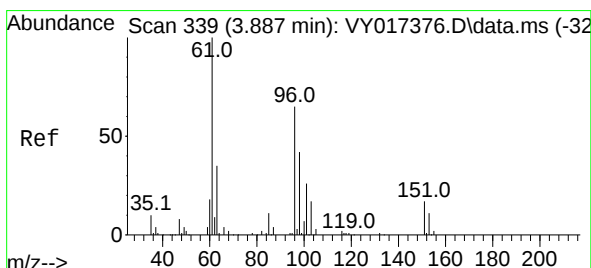
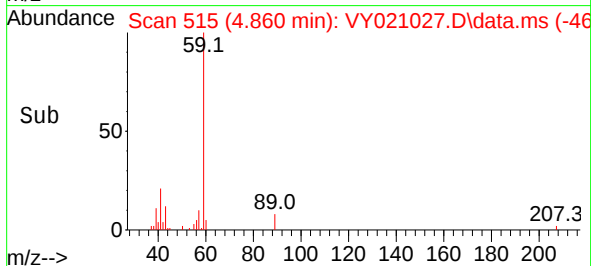
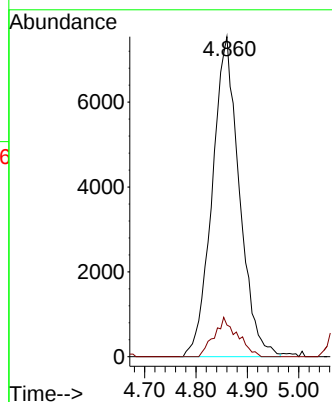
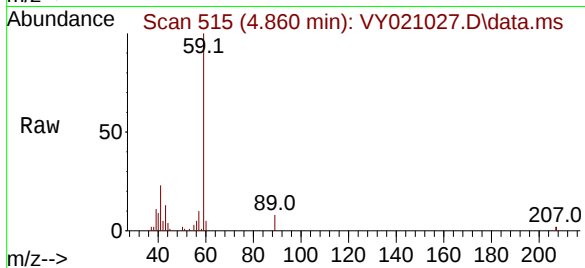
ClientSampleId :

Tgt Ion: 59 Resp: 27677

Ion Ratio Lower Upper

59 100

57 10.6 7.4 11.0



#12

1,1-Dichloroethene

Concen: 51.810 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

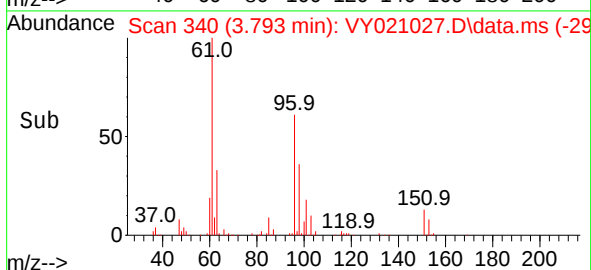
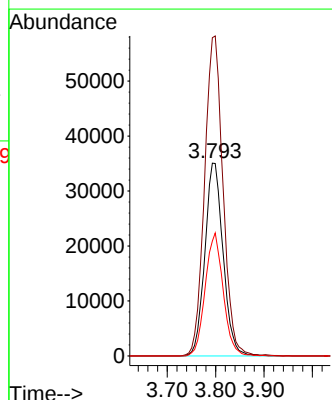
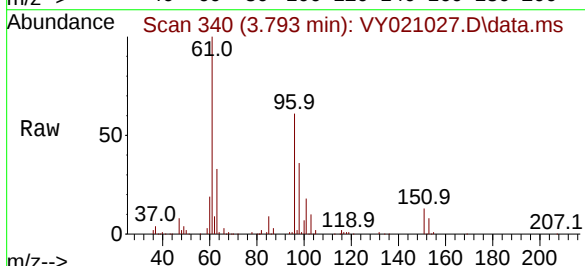
Tgt Ion: 96 Resp: 91949

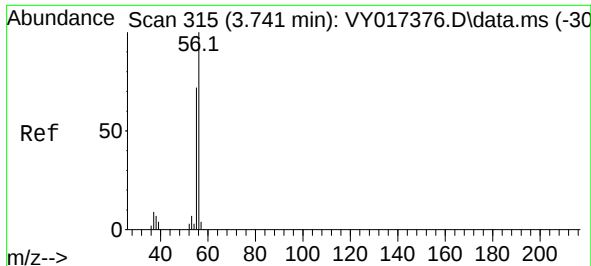
Ion Ratio Lower Upper

96 100

61 165.0 124.2 186.2

98 59.6 52.6 79.0





#13

Acrolein

Concen: 235.305 ug/l

RT: 3.653 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

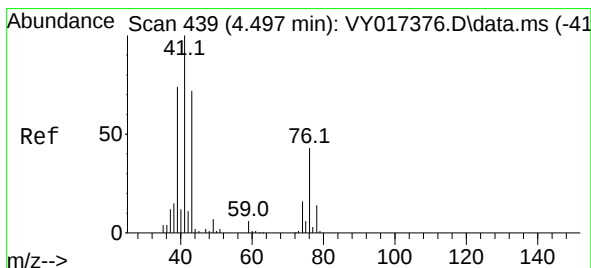
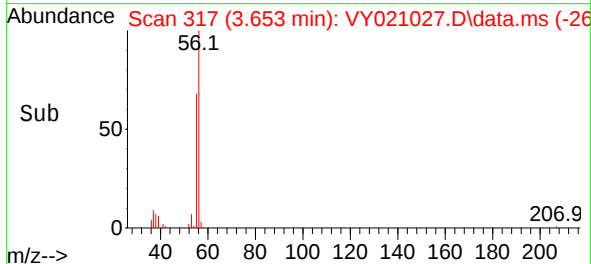
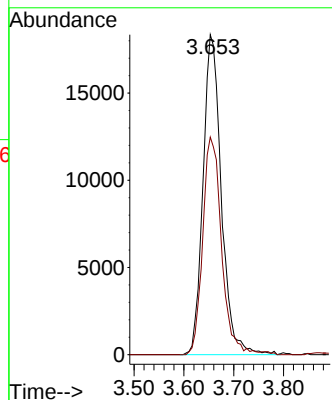
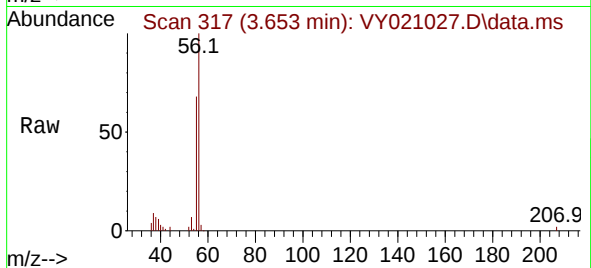
ClientSampleId :

Tgt Ion: 56 Resp: 46827

Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.0



#14

Allyl chloride

Concen: 50.663 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

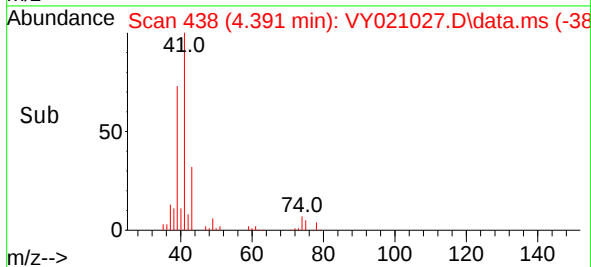
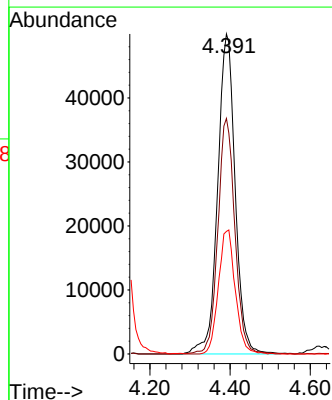
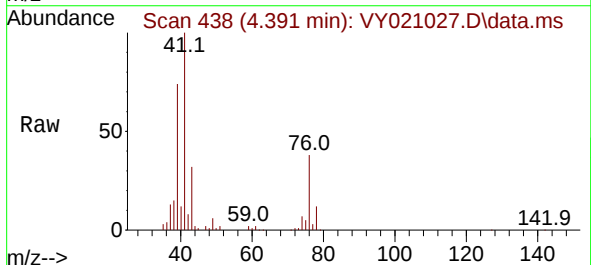
Tgt Ion: 41 Resp: 151536

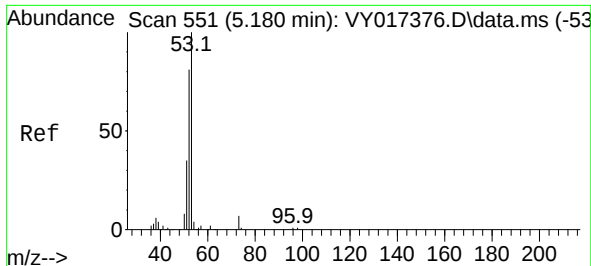
Ion Ratio Lower Upper

41 100

39 71.4 54.7 82.1

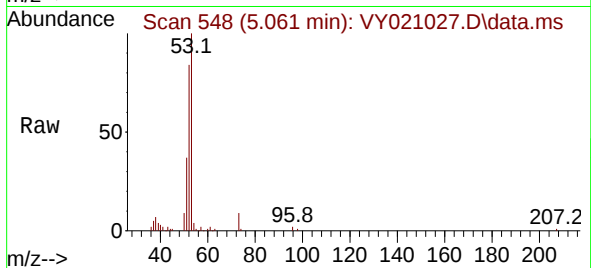
76 37.3 31.8 47.6



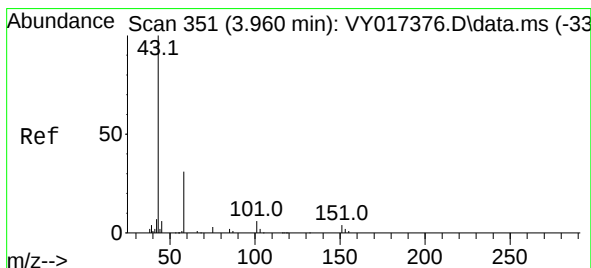
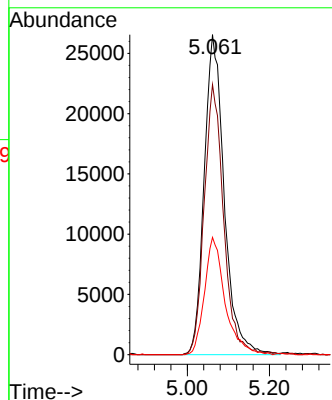
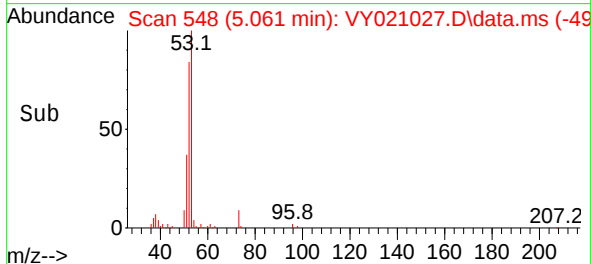


#15
Acrylonitrile
Concen: 230.328 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :

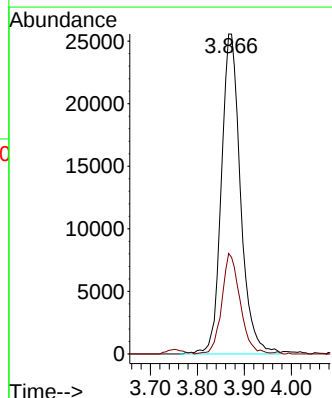
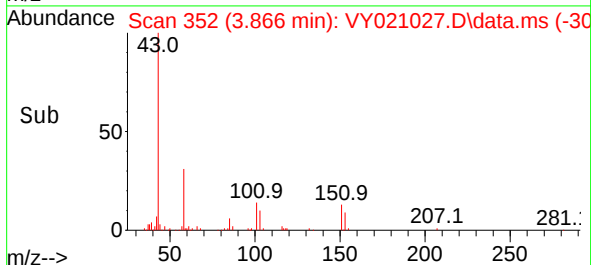
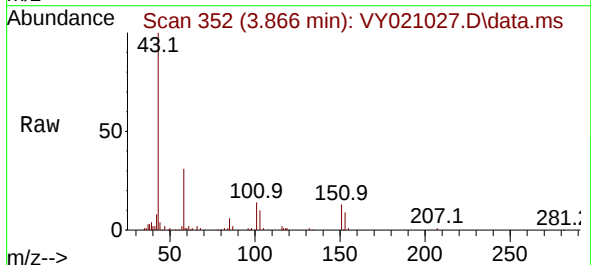


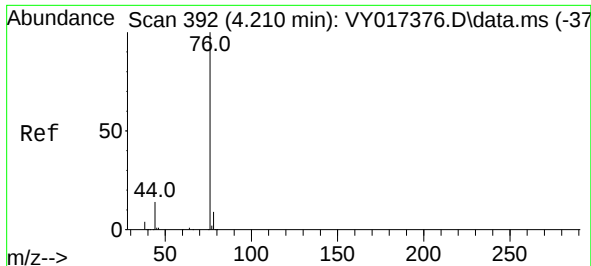
Tgt Ion: 53 Resp: 89881
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 37.6 29.0 43.4



#16
Acetone
Concen: 243.997 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 72566
Ion Ratio Lower Upper
43 100
58 31.0 26.6 39.8

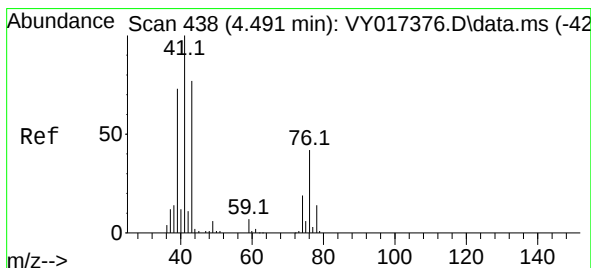
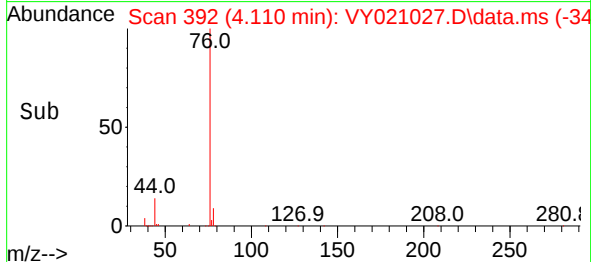
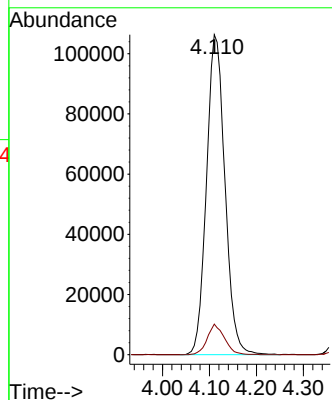
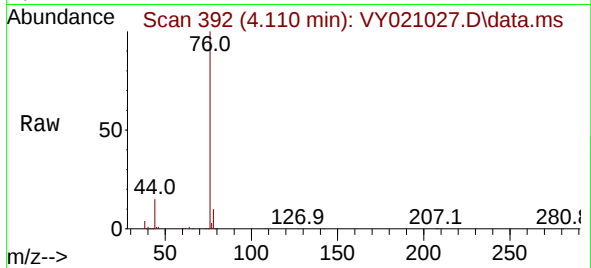




#17
Carbon Disulfide
Concen: 52.004 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

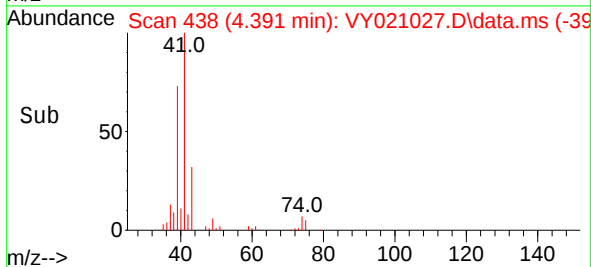
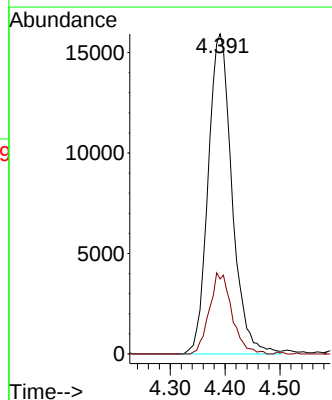
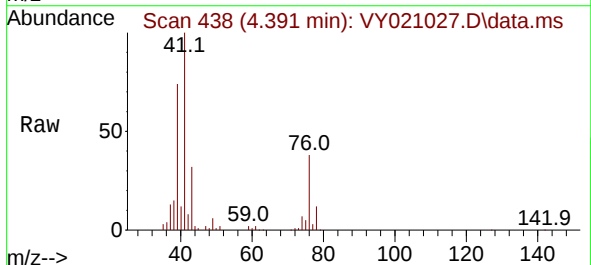
Instrument :
MSVOA_Y
ClientSampleId :

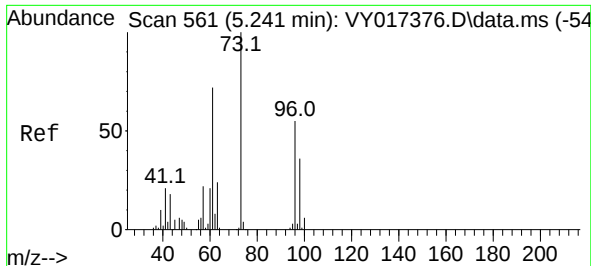
Tgt Ion: 76 Resp: 289409
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 46.031 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 48057
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 47.538 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

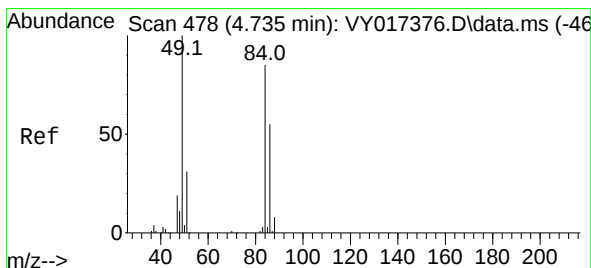
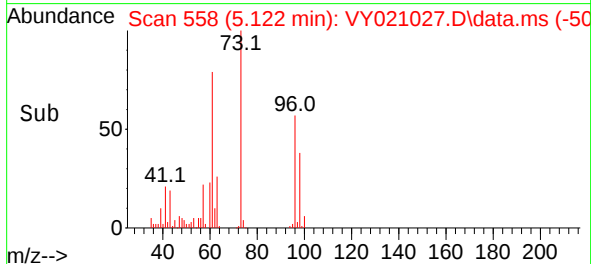
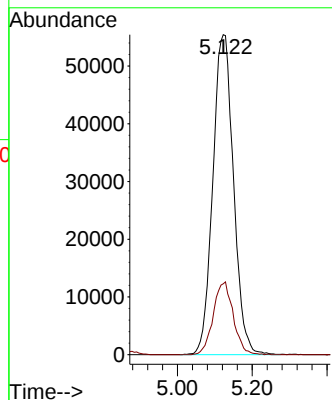
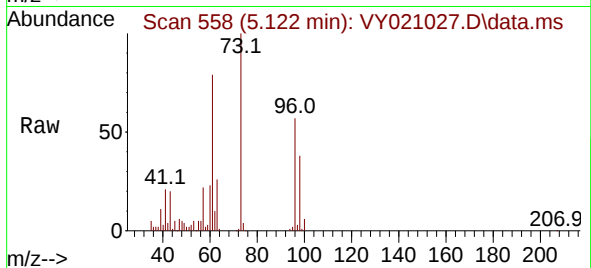
ClientSampleId :

Tgt Ion: 73 Resp: 213244

Ion Ratio Lower Upper

73 100

57 22.2 17.7 26.5



#20

Methylene Chloride

Concen: 49.414 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Tgt Ion: 84 Resp: 91358

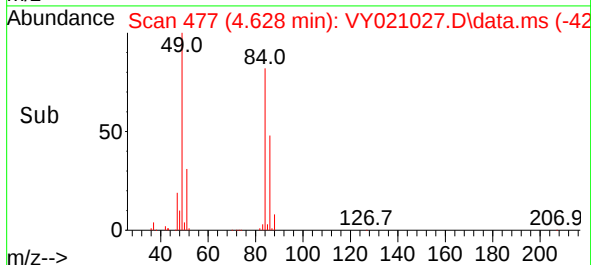
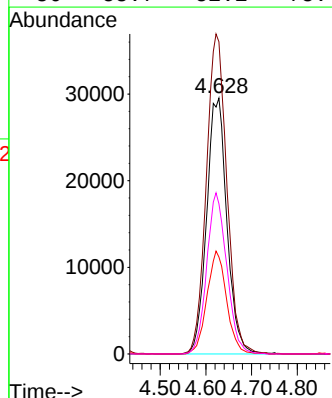
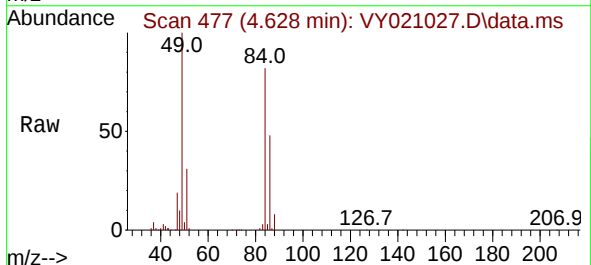
Ion Ratio Lower Upper

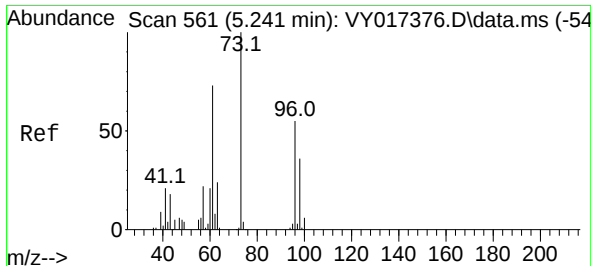
84 100

49 122.0 95.2 142.8

51 37.9 29.9 44.9

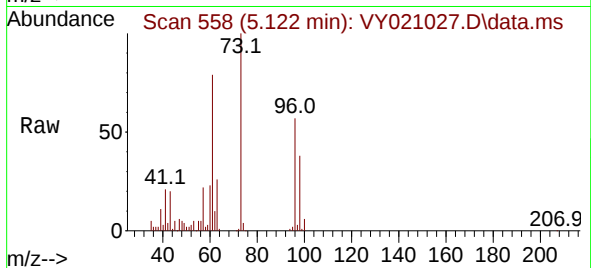
86 58.7 52.2 78.4



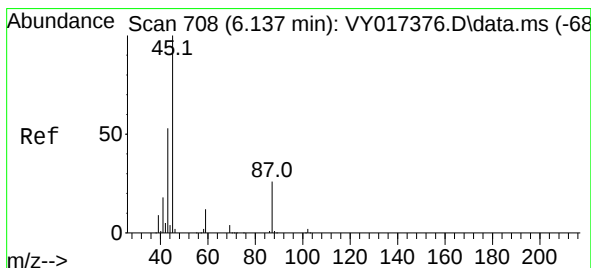
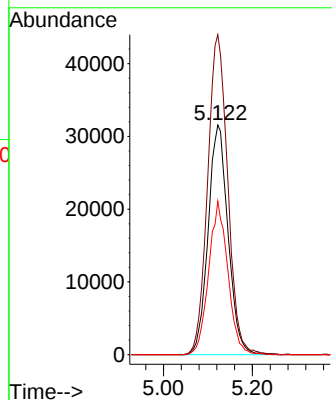
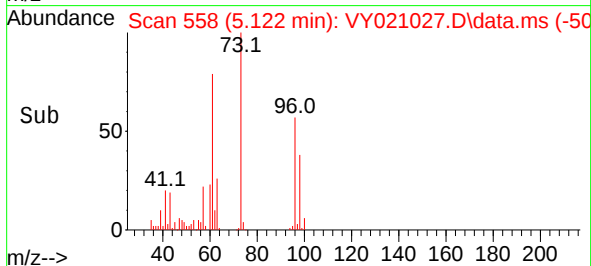


#21
trans-1,2-Dichloroethene
Concen: 50.506 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :

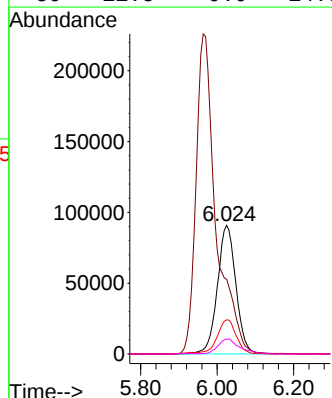
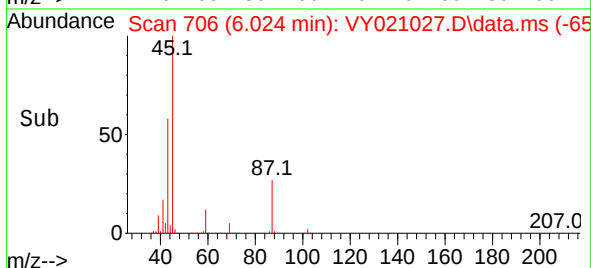
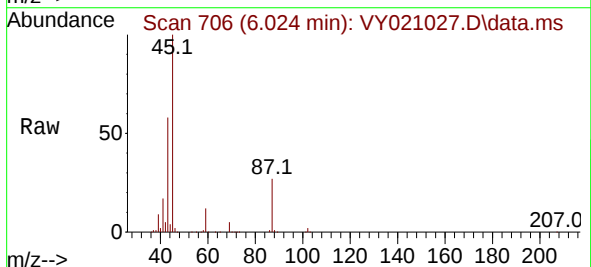


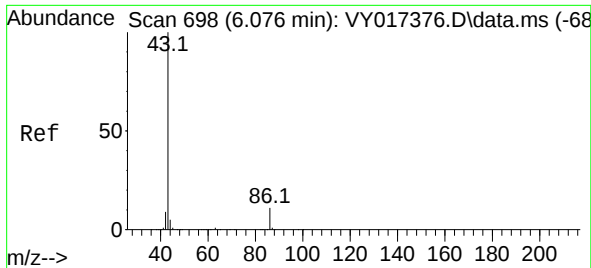
Tgt Ion: 96 Resp: 98665
Ion Ratio Lower Upper
96 100
61 139.4 104.6 156.8
98 66.8 50.9 76.3



#22
Diisopropyl ether
Concen: 49.407 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 45 Resp: 304603
Ion Ratio Lower Upper
45 100
43 57.5 46.8 70.2
87 26.5 22.2 33.2
59 11.5 9.9 14.9

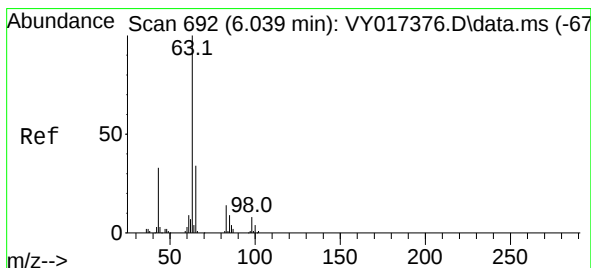
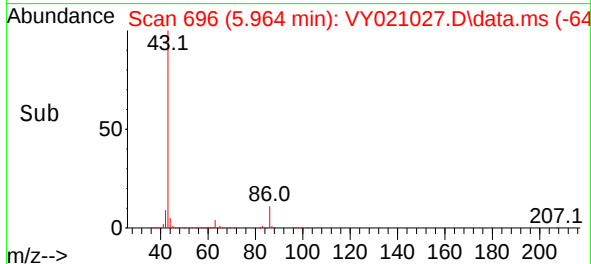
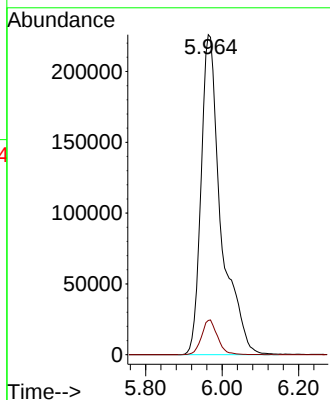
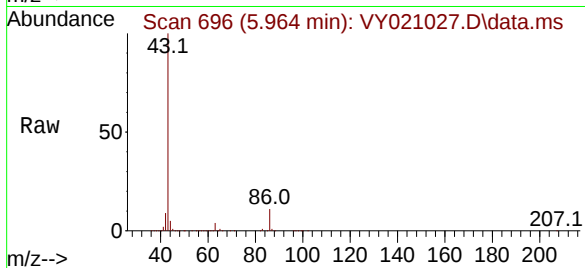




#23
 Vinyl Acetate
 Concen: 238.370 ug/l
 RT: 5.964 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY021027.D
 Acq: 03 Feb 2025 13:37

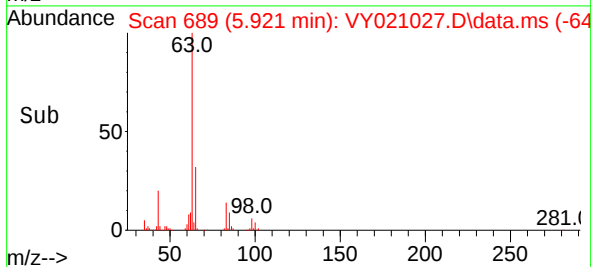
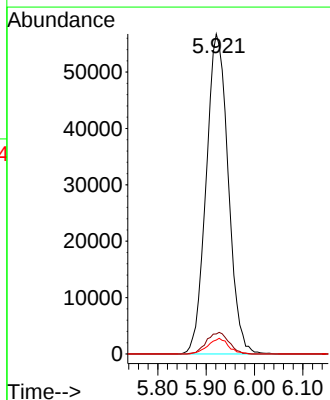
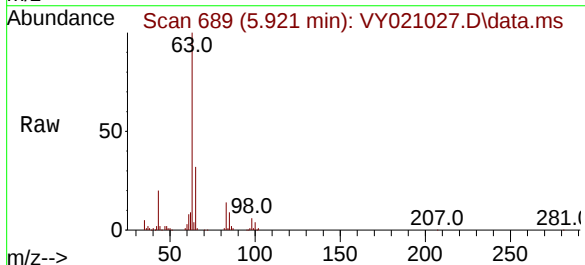
Instrument :
 MSVOA_Y
 ClientSampleId :

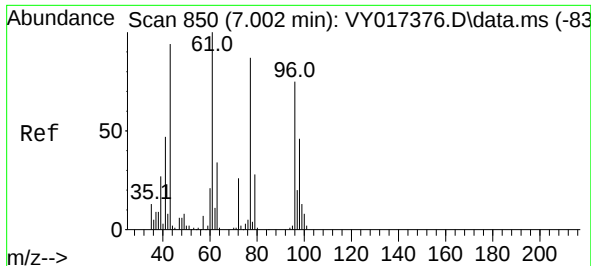
Tgt Ion: 43 Resp: 819243
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.806 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY021027.D
 Acq: 03 Feb 2025 13:37

Tgt Ion: 63 Resp: 179904
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 233.503 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

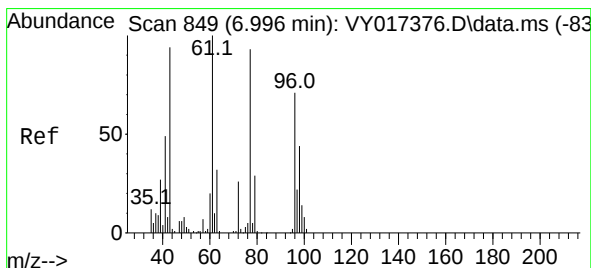
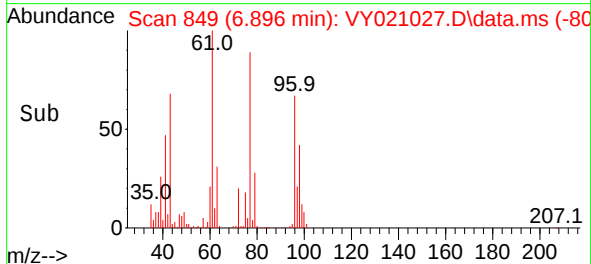
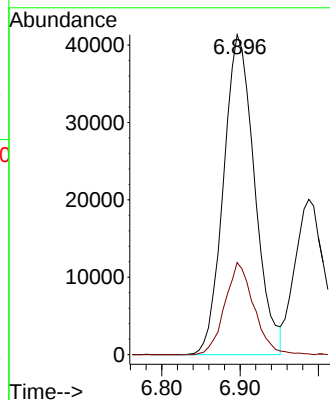
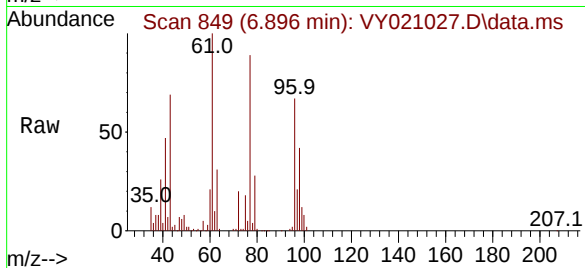
ClientSampleId :

Tgt Ion: 43 Resp: 114117

Ion Ratio Lower Upper

43 100

72 28.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.791 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021027.D

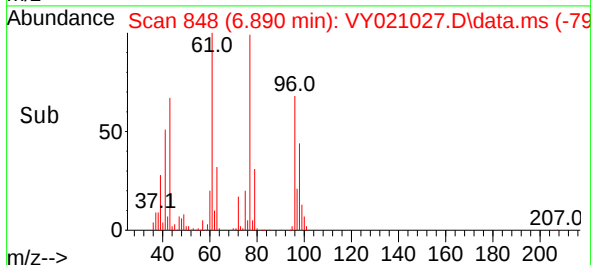
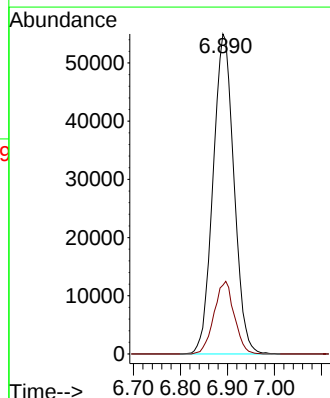
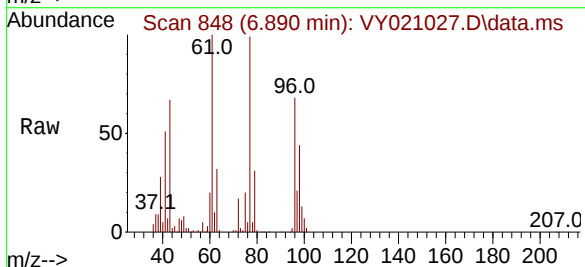
Acq: 03 Feb 2025 13:37

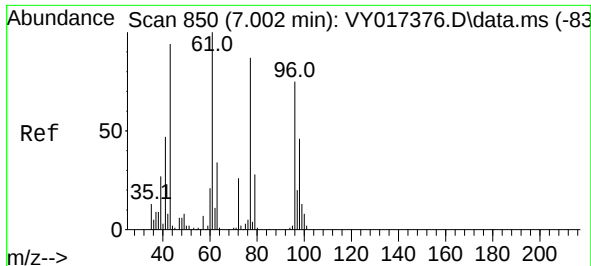
Tgt Ion: 77 Resp: 169757

Ion Ratio Lower Upper

77 100

97 21.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.785 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

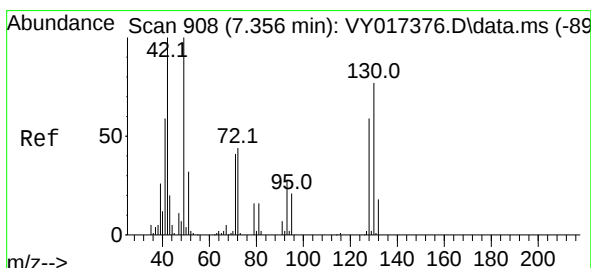
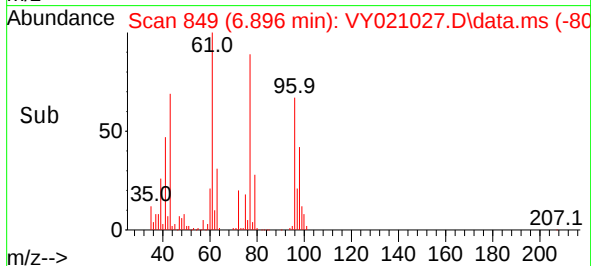
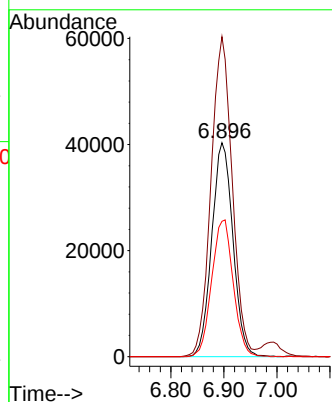
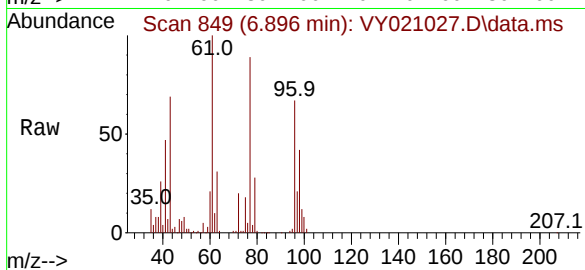
Tgt Ion: 96 Resp: 111947

Ion Ratio Lower Upper

96 100

61 149.6 0.0 278.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 54.731 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

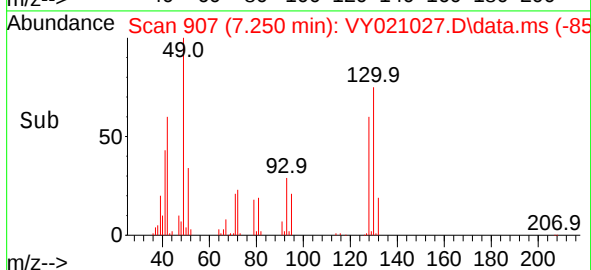
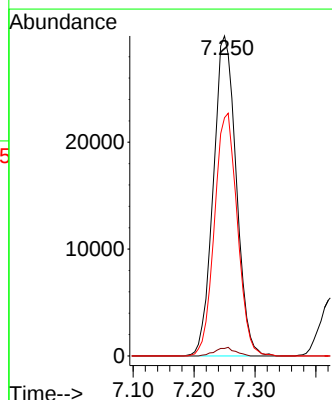
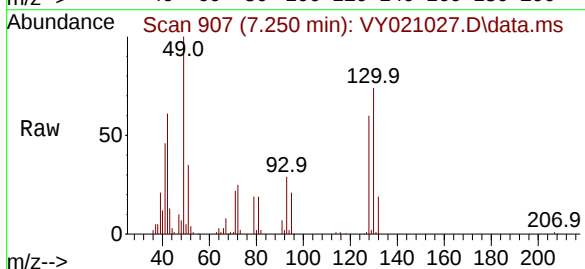
Tgt Ion: 49 Resp: 78173

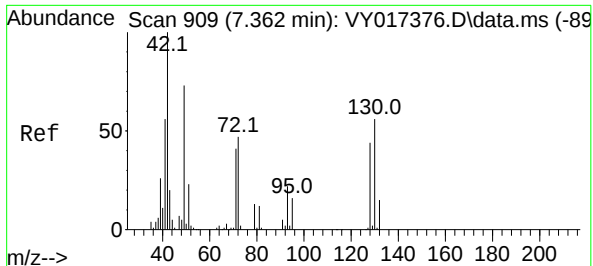
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 75.7 59.8 89.8

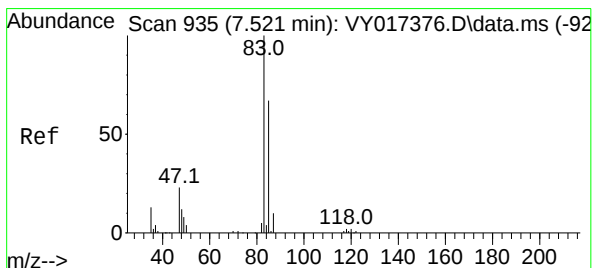
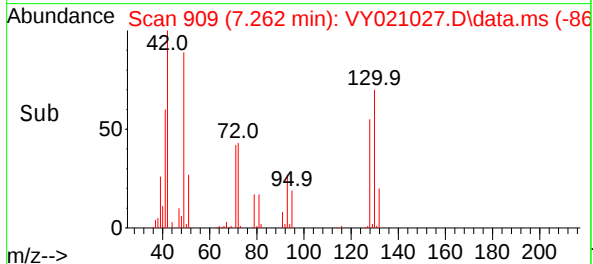
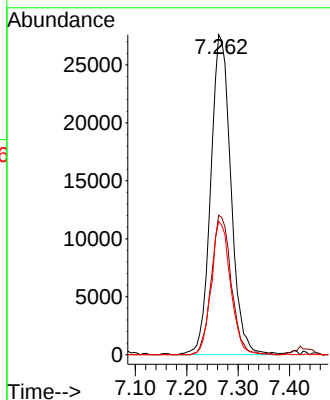
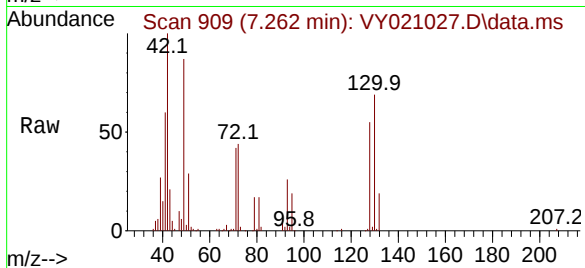




#29
Tetrahydrofuran
Concen: 228.139 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

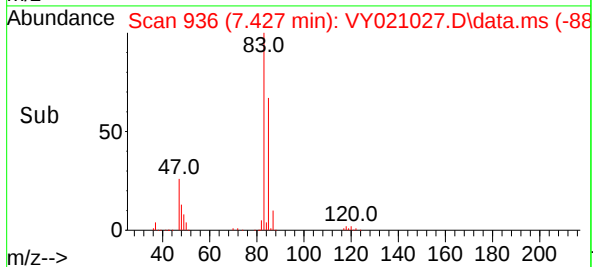
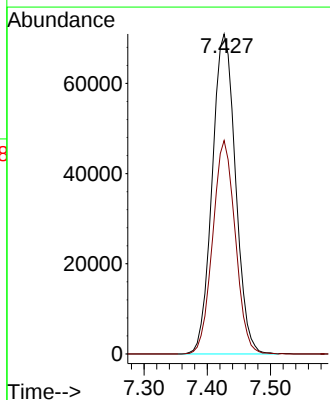
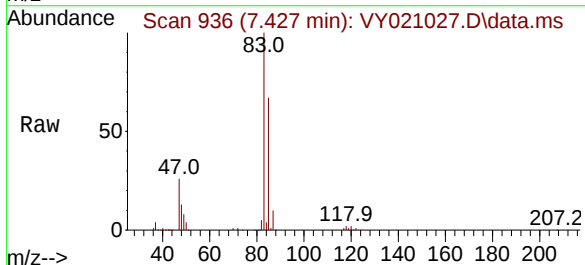
Instrument :
MSVOA_Y
ClientSampleId :

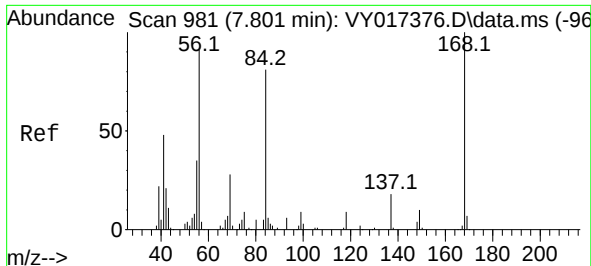
Tgt Ion:	42	Resp:	75445
Ion	Ratio	Lower	Upper
42	100		
72	42.8	36.6	54.8
71	39.7	33.8	50.6



#30
Chloroform
Concen: 48.846 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

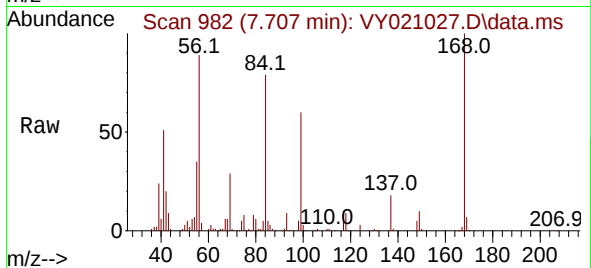
Tgt Ion:	83	Resp:	181229
Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.2	76.8



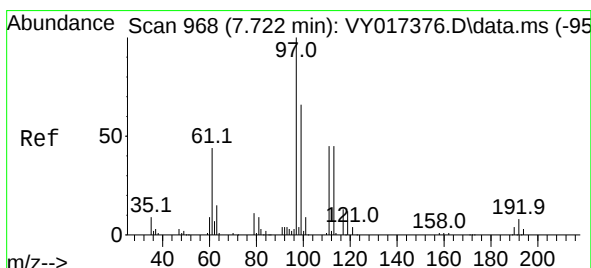
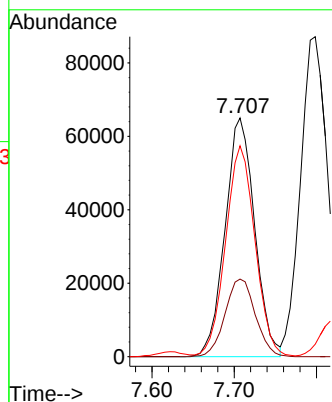
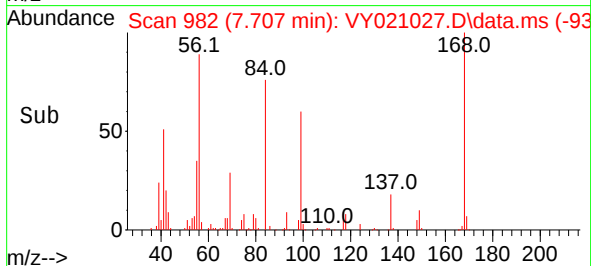


#31
Cyclohexane
Concen: 50.051 ug/l
RT: 7.707 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :

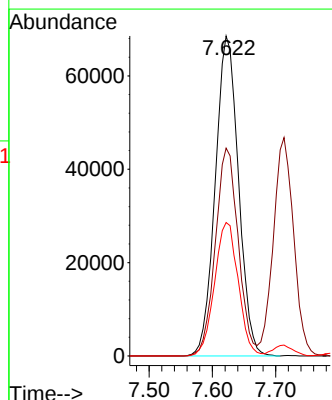
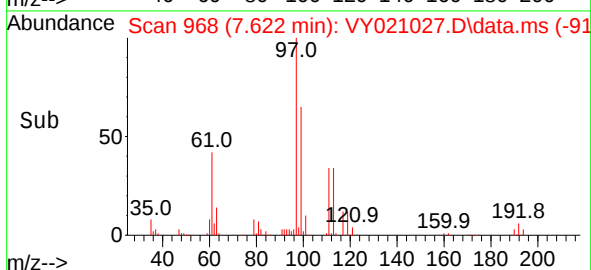
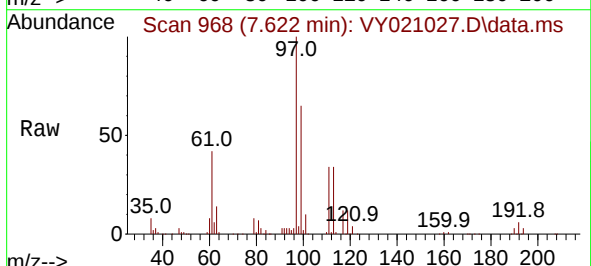


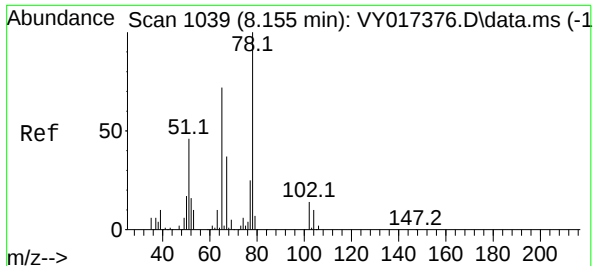
Tgt Ion: 56 Resp: 162806
Ion Ratio Lower Upper
56 100
69 32.5 27.0 40.6
84 86.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.620 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 97 Resp: 174612
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 42.6 35.0 52.6

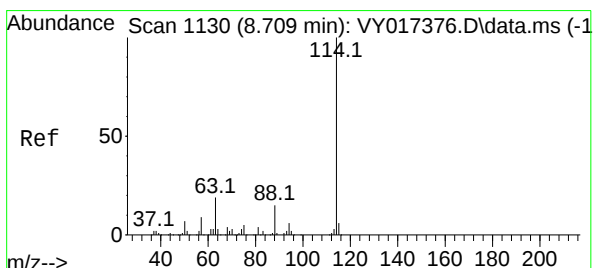
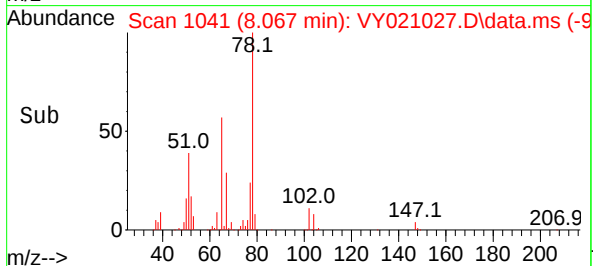
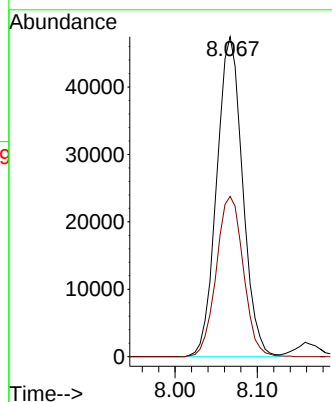
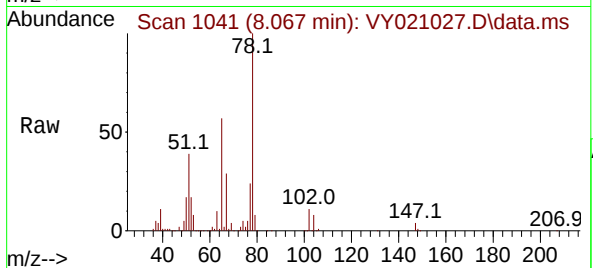




#33
 1,2-Dichloroethane-d4
 Concen: 54.604 ug/l
 RT: 8.067 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VY021027.D
 Acq: 03 Feb 2025 13:37

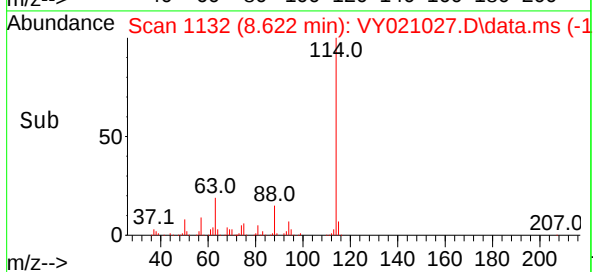
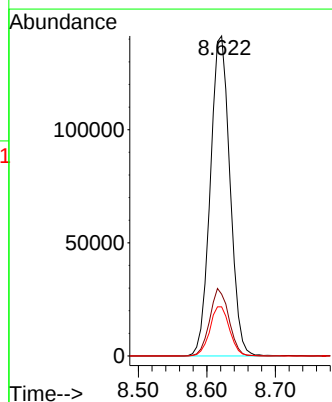
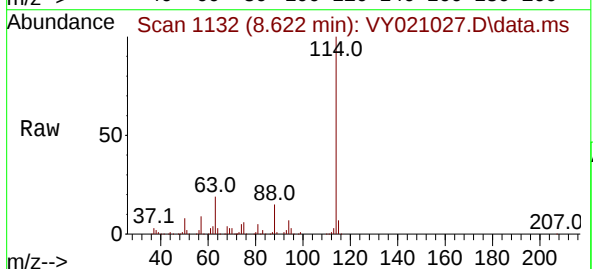
Instrument :
 MSVOA_Y
 ClientSampleId :

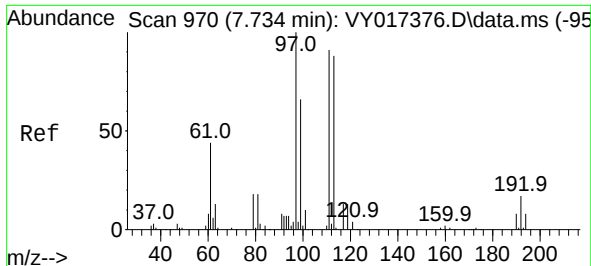
Tgt Ion: 65 Resp: 104134
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY021027.D
 Acq: 03 Feb 2025 13:37

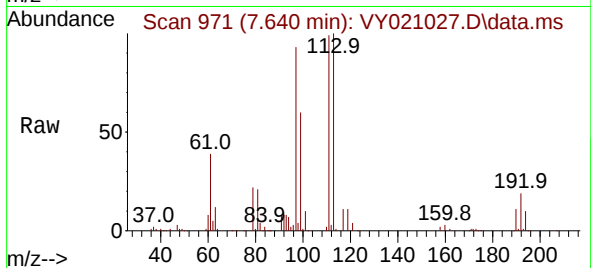
Tgt Ion:114 Resp: 280950
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 15.4 0.0 29.0



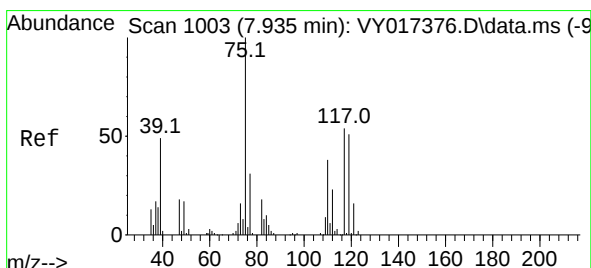
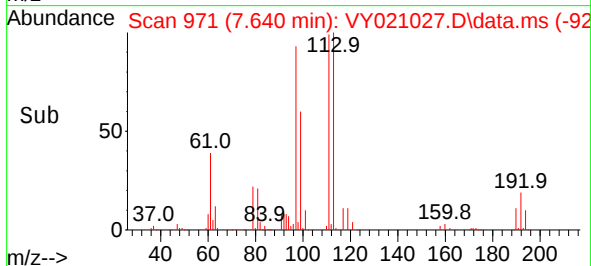
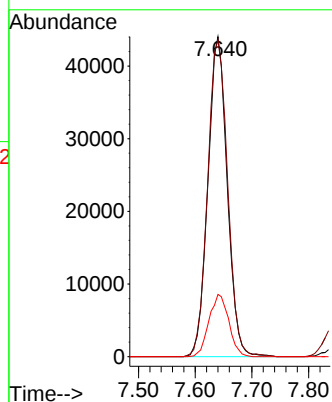


#35
Dibromofluoromethane
Concen: 57.790 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :

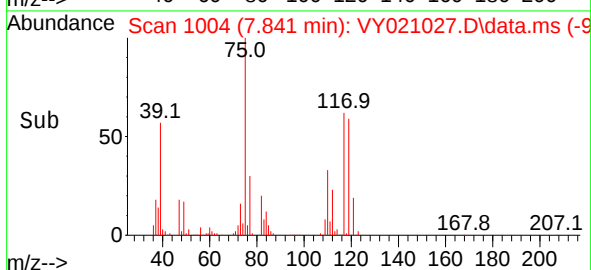
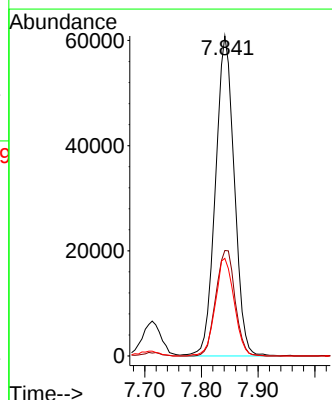
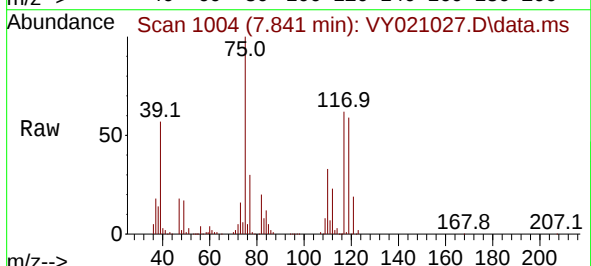


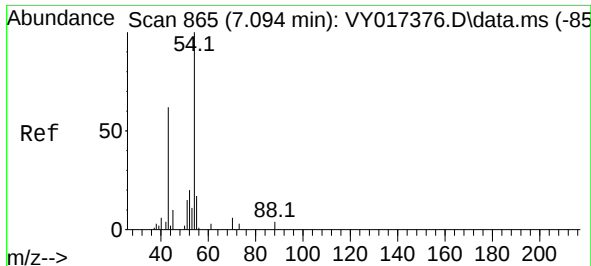
Tgt Ion:113 Resp: 104051
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 20.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 52.625 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 140344
Ion Ratio Lower Upper
75 100
110 33.8 17.4 52.3
77 30.7 24.7 37.1

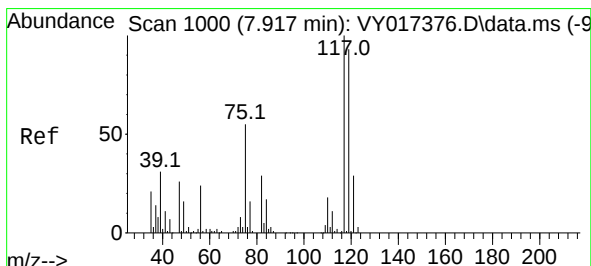
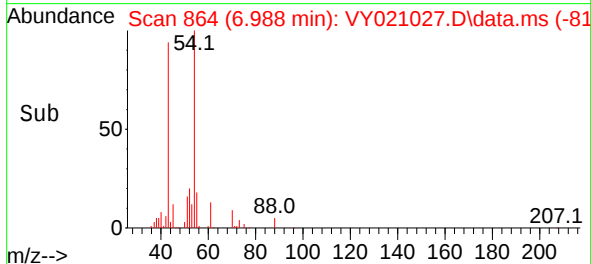
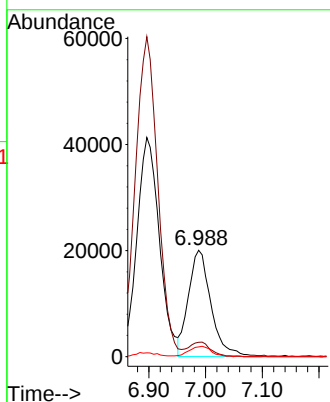
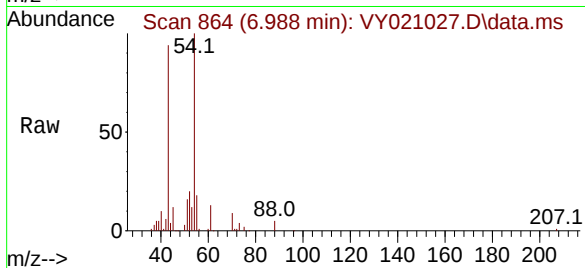




#37
Ethyl Acetate
Concen: 47.006 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

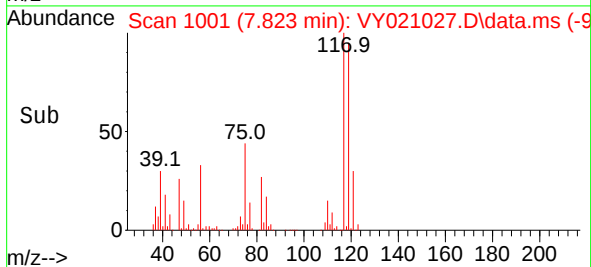
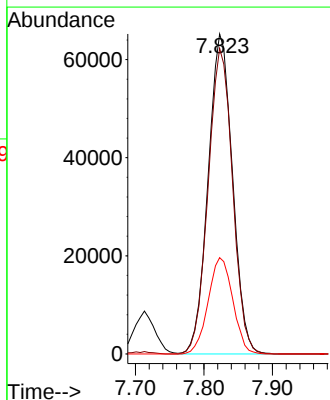
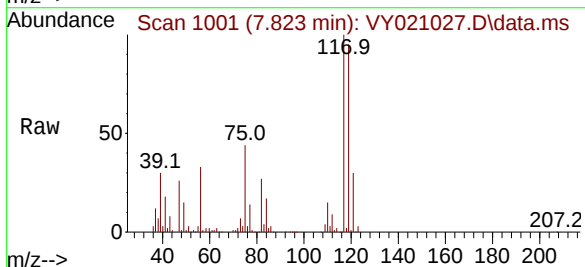
Instrument :
MSVOA_Y
ClientSampleId :

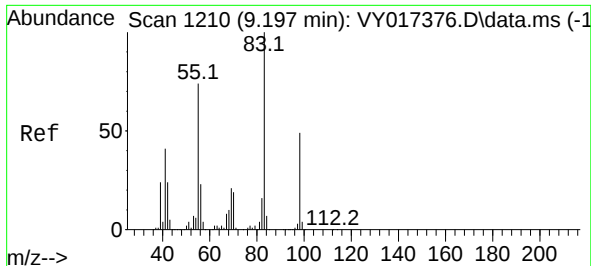
Tgt Ion: 43 Resp: 54994
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.711 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:117 Resp: 161137
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 54.123 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

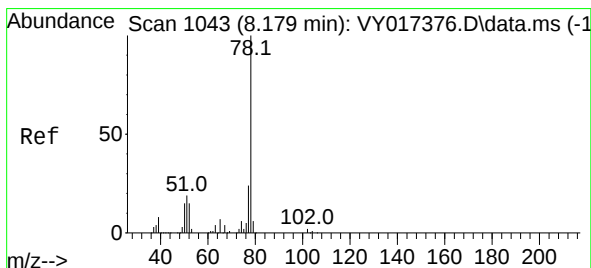
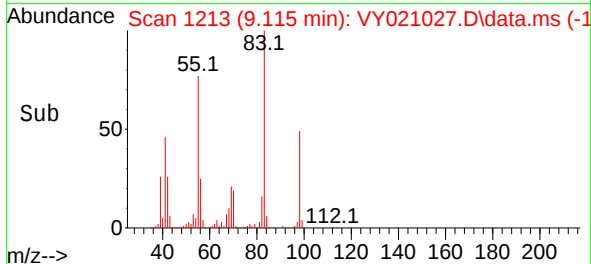
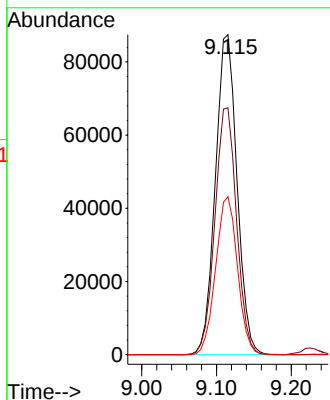
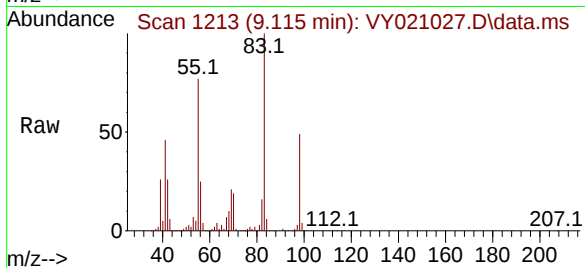
Tgt Ion: 83 Resp: 176554

Ion Ratio Lower Upper

83 100

55 77.1 59.7 89.5

98 49.4 38.0 57.0



#40

Benzene

Concen: 51.052 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021027.D

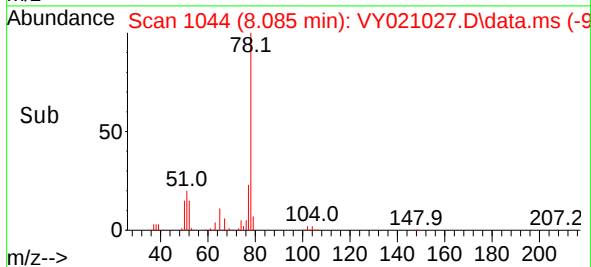
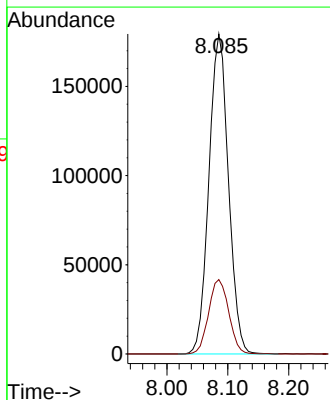
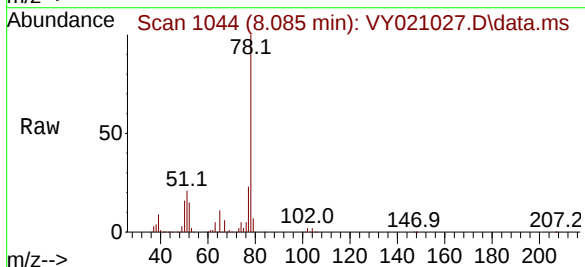
Acq: 03 Feb 2025 13:37

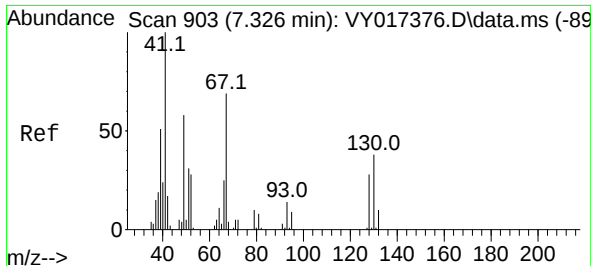
Tgt Ion: 78 Resp: 399547

Ion Ratio Lower Upper

78 100

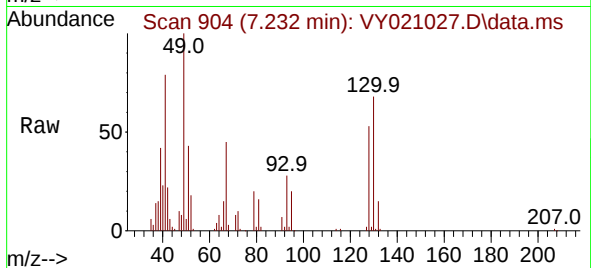
77 23.2 18.8 28.2



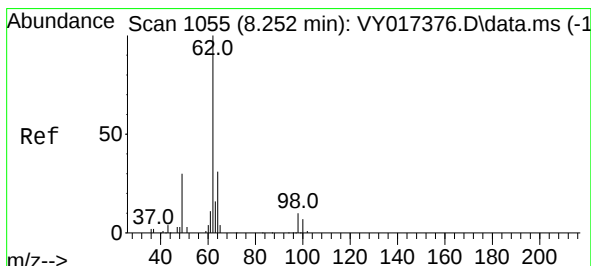
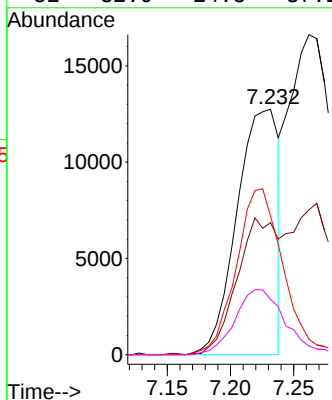
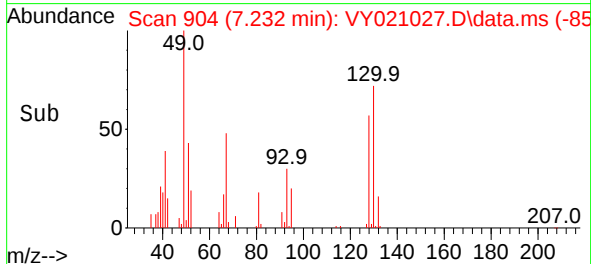


#41
Methacrylonitrile
Concen: 43.131 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :

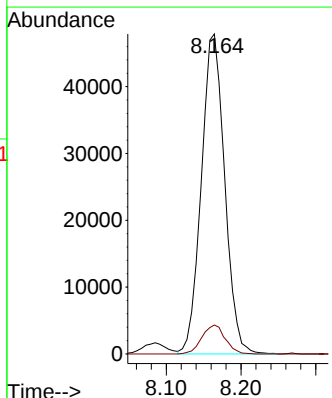
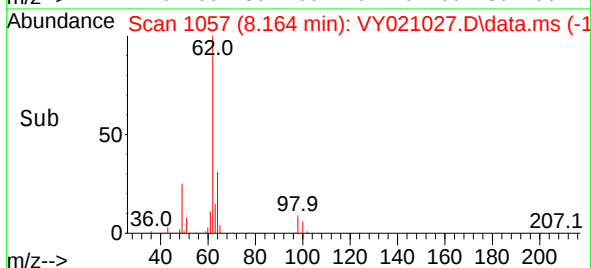
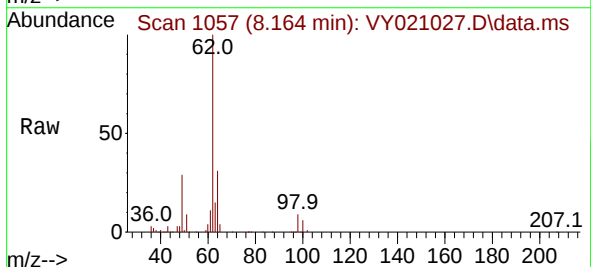


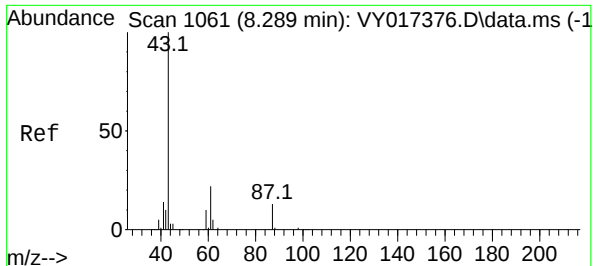
Tgt Ion:	41	Resp:	29193
Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.9	62.9
67	76.7	59.8	89.6
52	32.0	24.8	37.2



#42
1,2-Dichloroethane
Concen: 47.910 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:	62	Resp:	104015
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.523 ug/l

RT: 8.201 min Scan# 110476

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

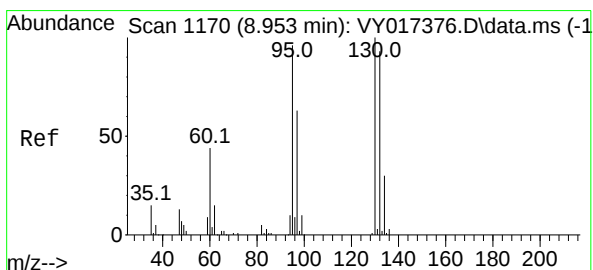
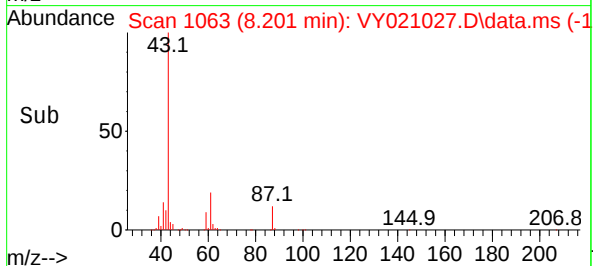
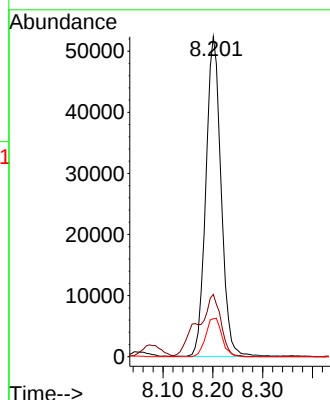
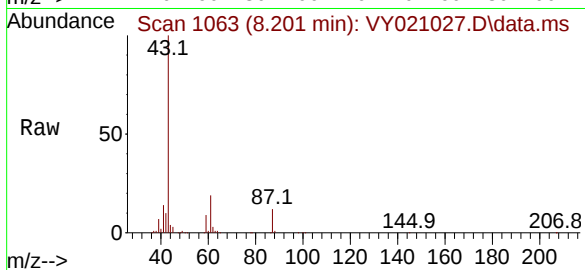
Tgt Ion: 43 Resp: 110476

Ion Ratio Lower Upper

43 100

61 29.5 24.8 37.2

87 12.8 10.7 16.1



#44

Trichloroethene

Concen: 50.777 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY021027.D

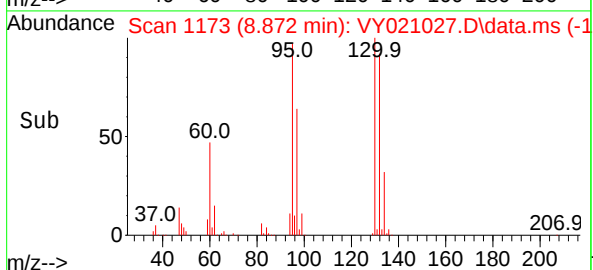
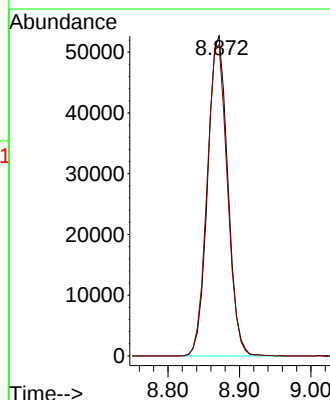
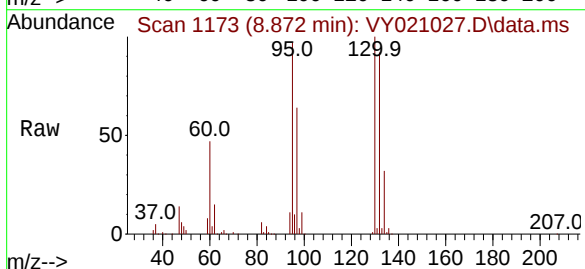
Acq: 03 Feb 2025 13:37

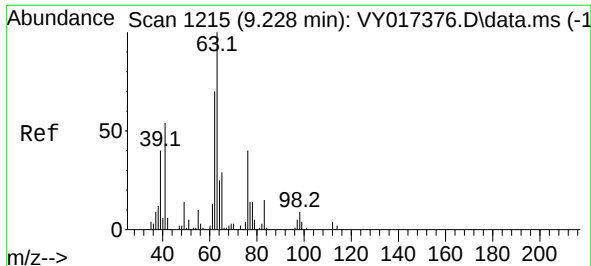
Tgt Ion:130 Resp: 102671

Ion Ratio Lower Upper

130 100

95 97.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 49.666 ug/l

RT: 9.146 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

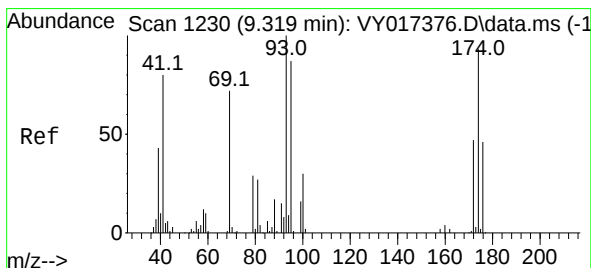
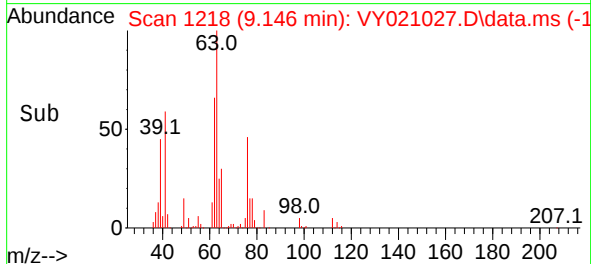
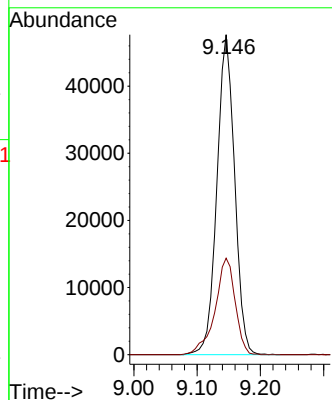
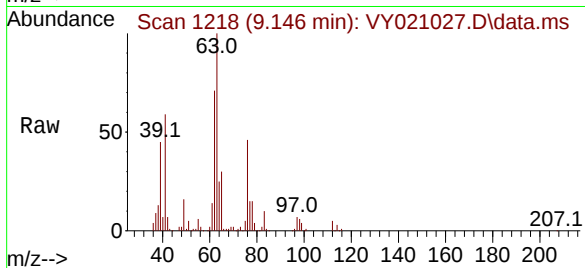
ClientSampleId :

Tgt Ion: 63 Resp: 92259

Ion Ratio Lower Upper

63 100

65 30.2 24.6 36.8



#46

Dibromomethane

Concen: 46.914 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

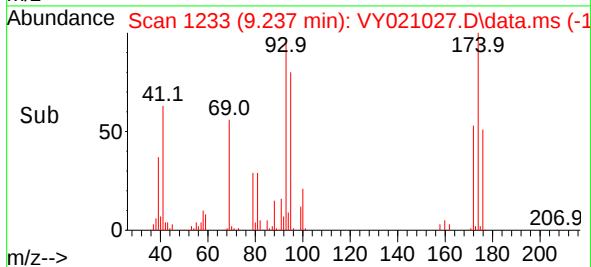
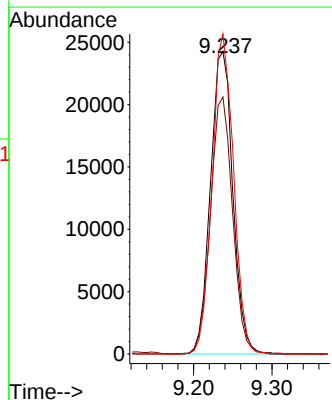
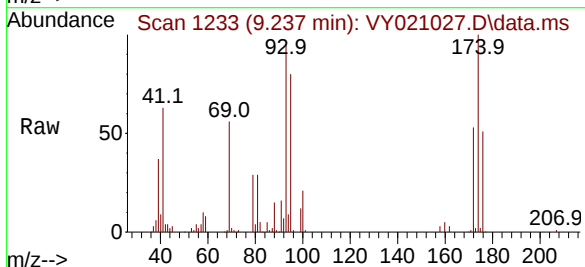
Tgt Ion: 93 Resp: 48251

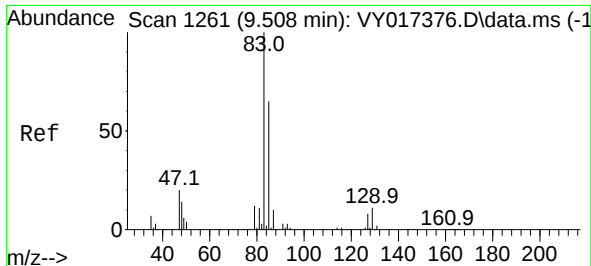
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 101.3 73.8 110.6





#47

Bromodichloromethane

Concen: 48.799 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

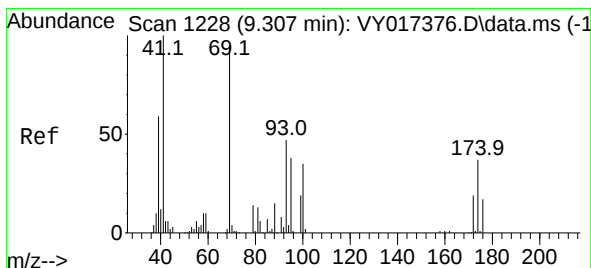
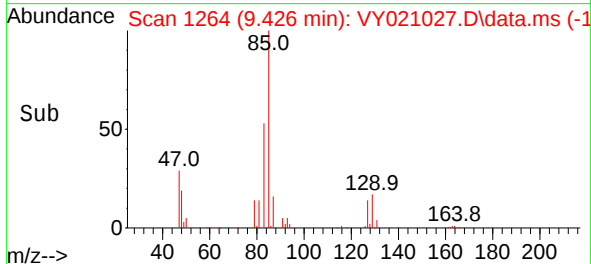
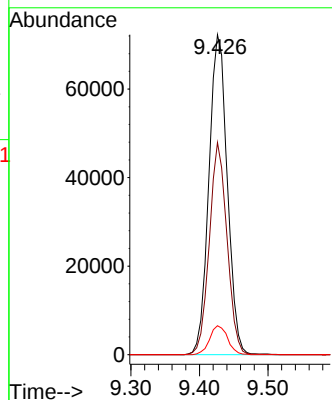
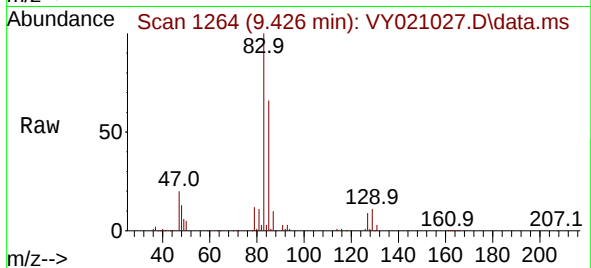
Tgt Ion: 83 Resp: 134607

Ion Ratio Lower Upper

83 100

85 66.3 53.2 79.8

127 9.1 6.4 9.6



#48

Methyl methacrylate

Concen: 49.560 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

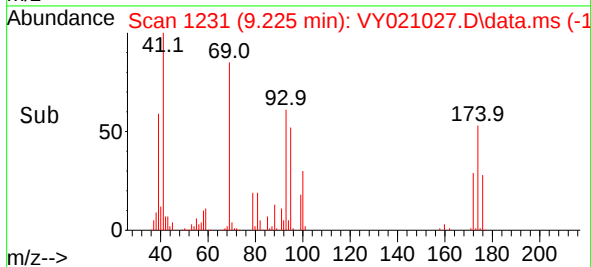
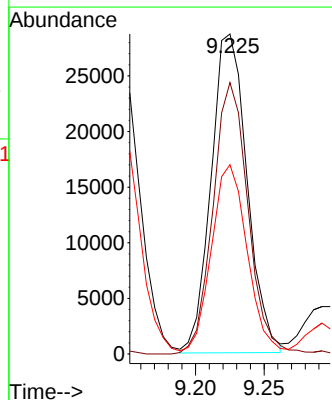
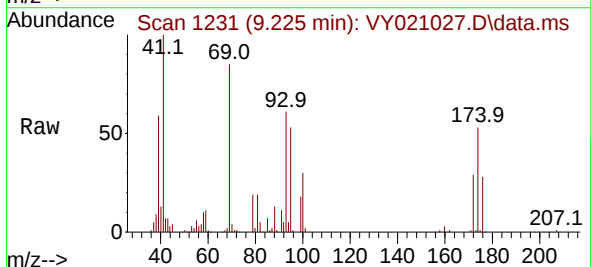
Tgt Ion: 41 Resp: 52480

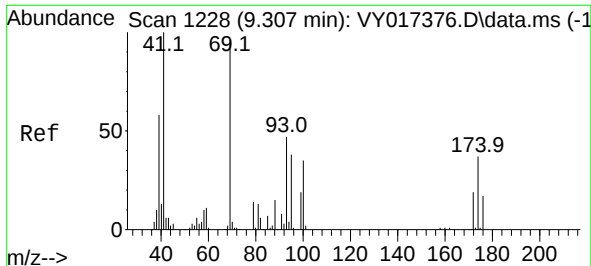
Ion Ratio Lower Upper

41 100

69 83.0 72.1 108.1

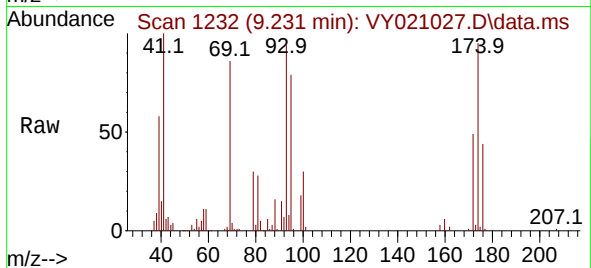
39 57.2 42.8 64.2



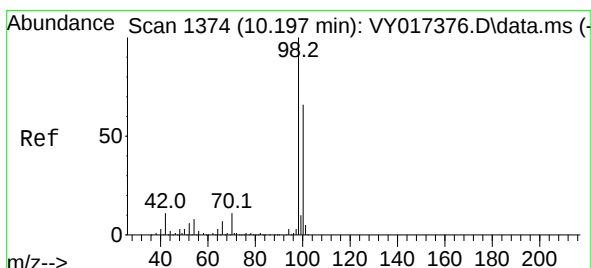
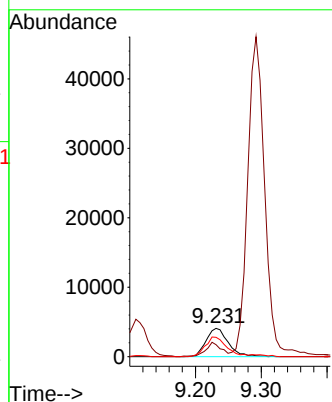
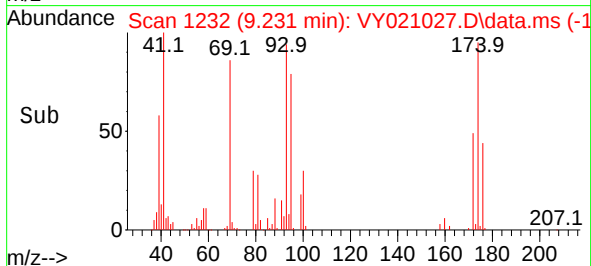


#49
1,4-Dioxane
Concen: 1001.398 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :

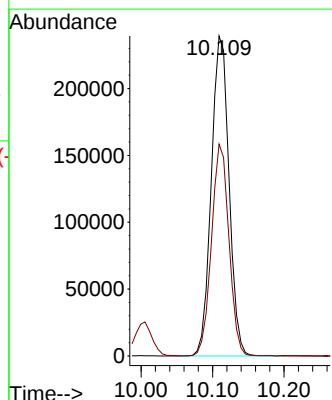
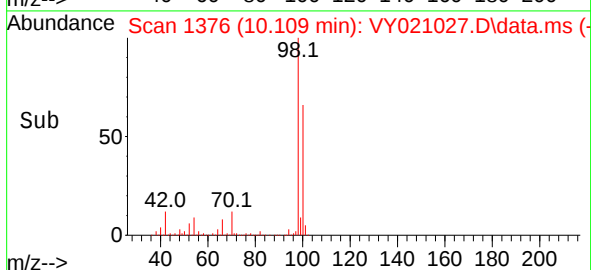
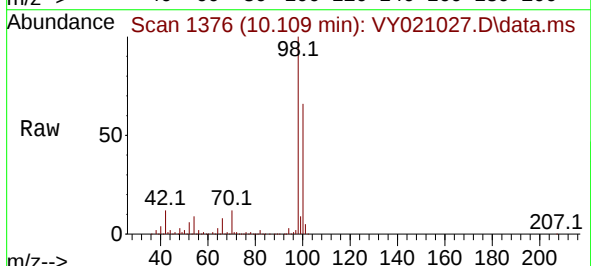


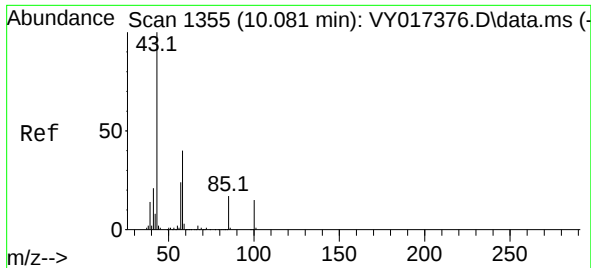
Tgt Ion: 88 Resp: 9588
Ion Ratio Lower Upper
88 100
43 35.5 28.2 42.4
58 66.7 52.2 78.2



#50
Toluene-d8
Concen: 59.966 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 98 Resp: 411045
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

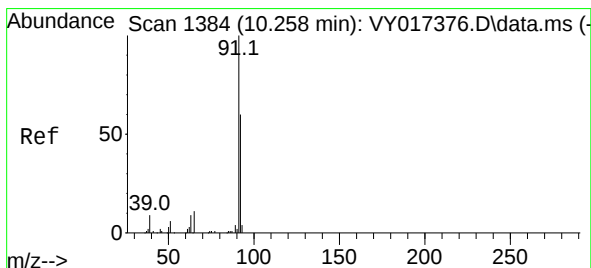
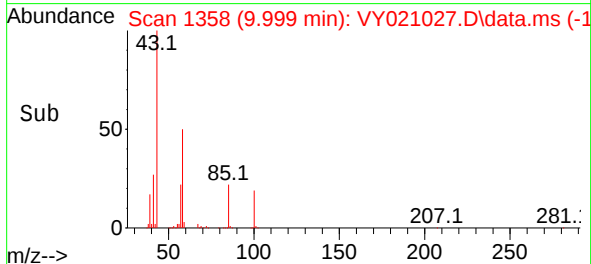
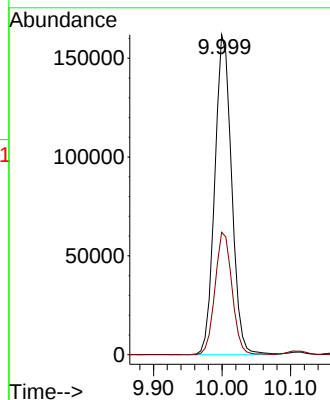
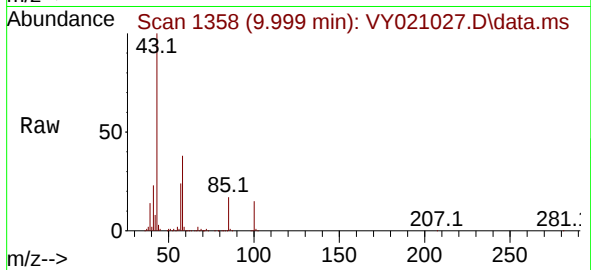




#51
4-Methyl-2-Pentanone
Concen: 236.615 ug/l
RT: 9.999 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

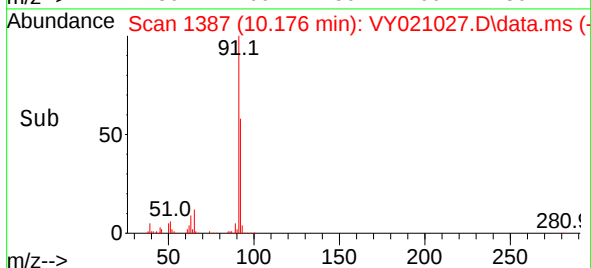
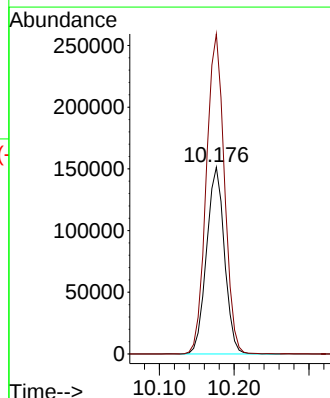
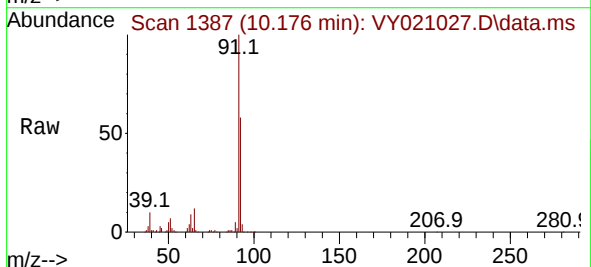
Instrument :
MSVOA_Y
ClientSampleId :

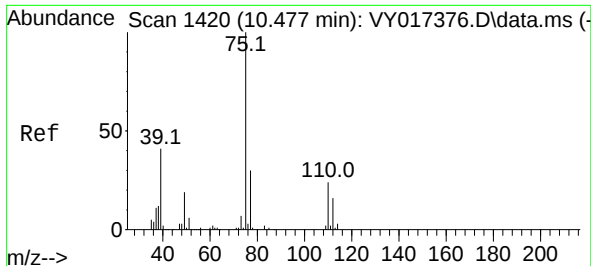
Tgt Ion: 43 Resp: 276605
Ion Ratio Lower Upper
43 100
58 38.6 32.2 48.2



#52
Toluene
Concen: 51.135 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 92 Resp: 251287
Ion Ratio Lower Upper
92 100
91 173.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.950 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

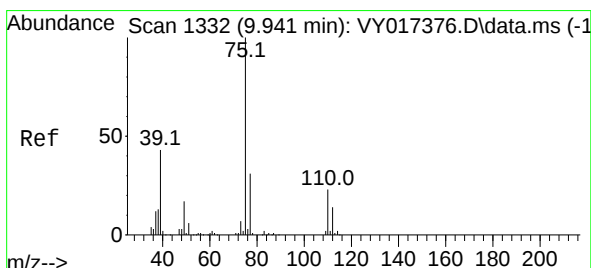
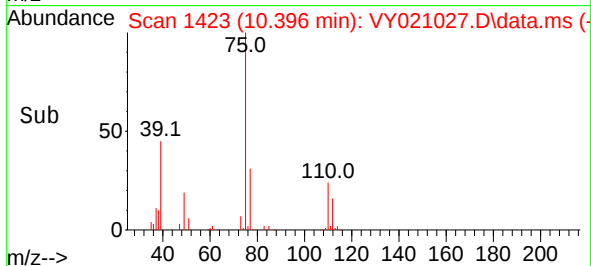
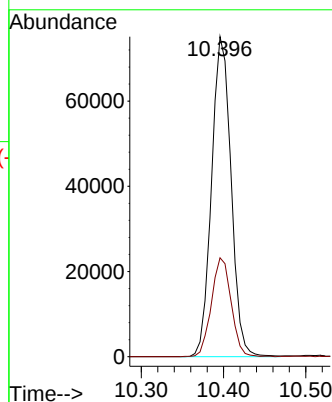
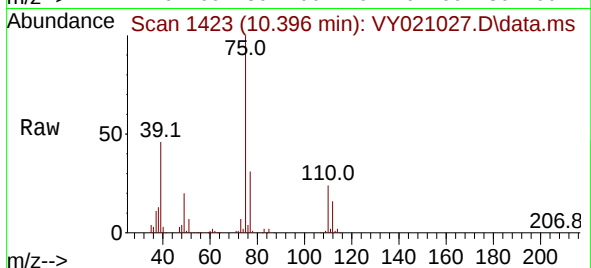
ClientSampleId :

Tgt Ion: 75 Resp: 123718

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 50.550 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

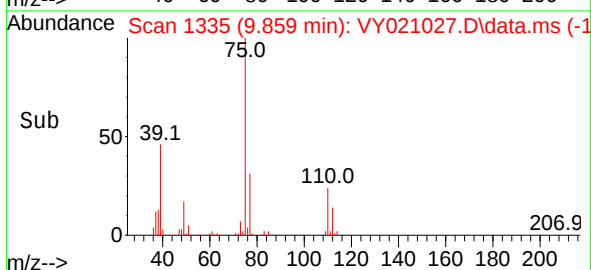
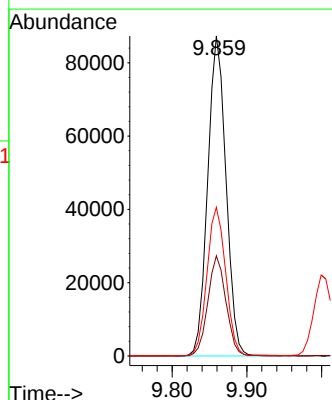
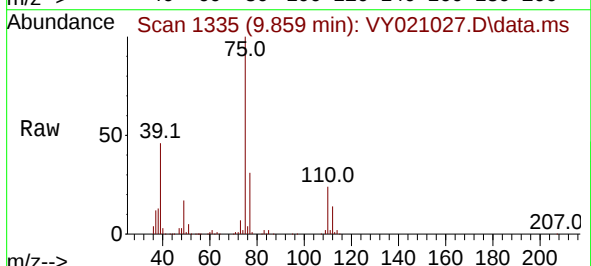
Tgt Ion: 75 Resp: 148244

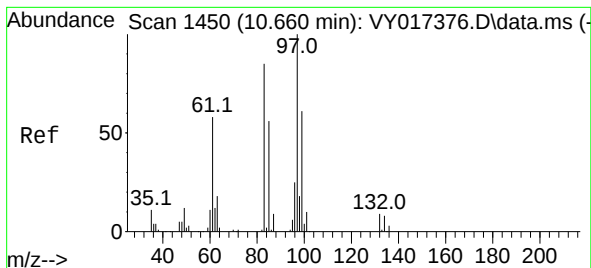
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 46.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 46.820 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 62357

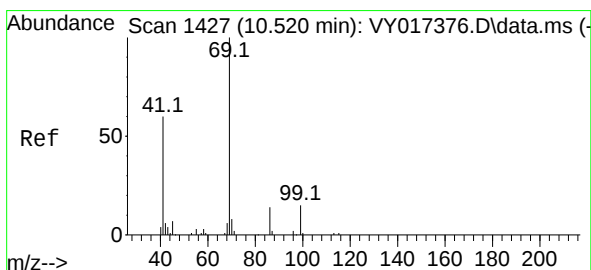
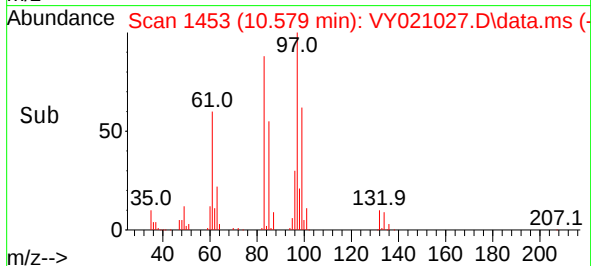
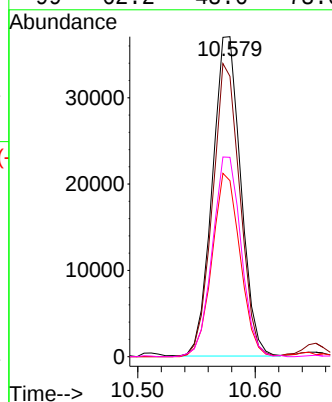
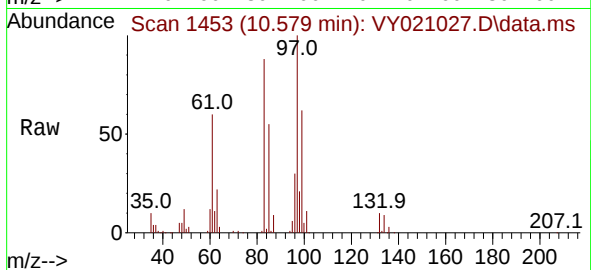
Ion Ratio Lower Upper

97 100

83 87.5 69.4 104.2

85 55.1 43.9 65.9

99 62.2 48.6 73.0



#56

Ethyl methacrylate

Concen: 49.082 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

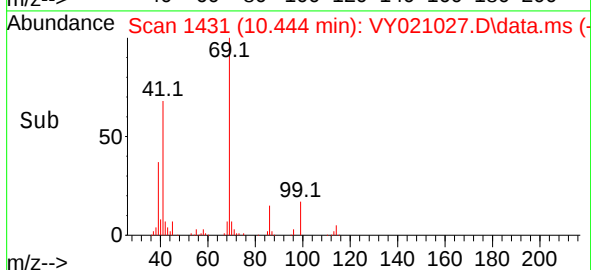
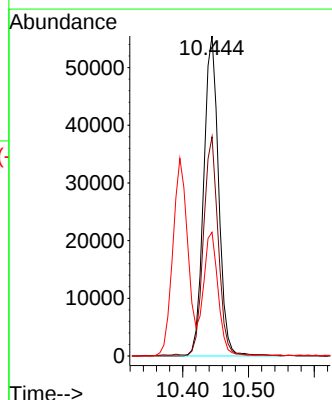
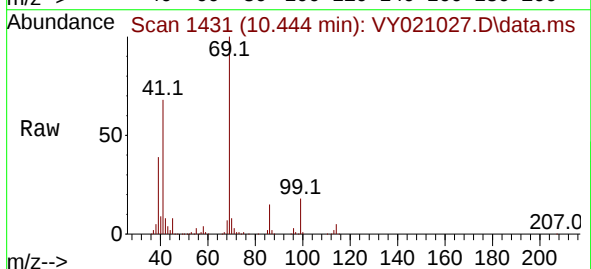
Tgt Ion: 69 Resp: 87450

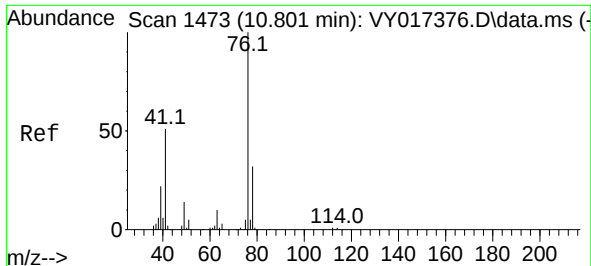
Ion Ratio Lower Upper

69 100

41 66.5 49.2 73.8

39 37.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 47.980 ug/l

RT: 10.719 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

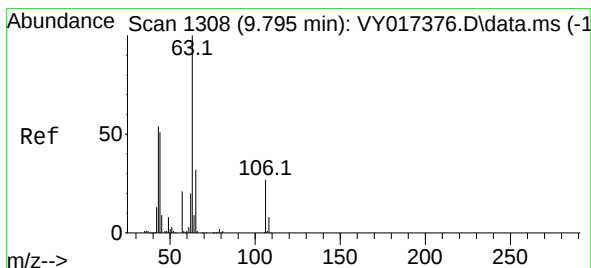
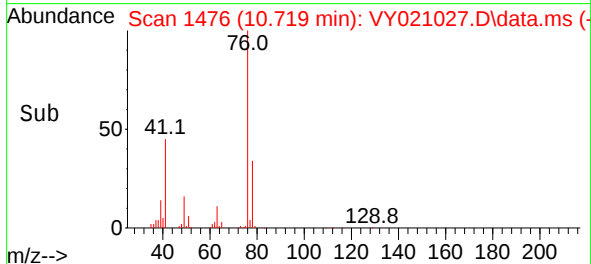
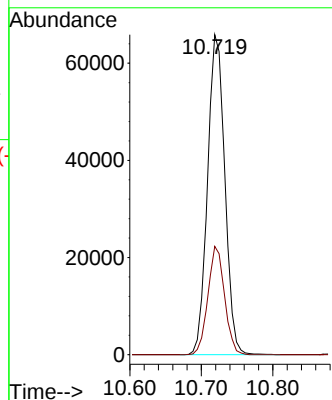
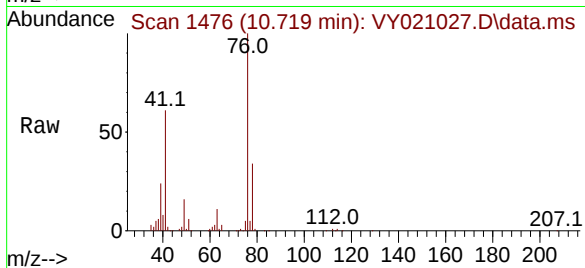
ClientSampleId :

Tgt Ion: 76 Resp: 110606

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 251.852 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021027.D

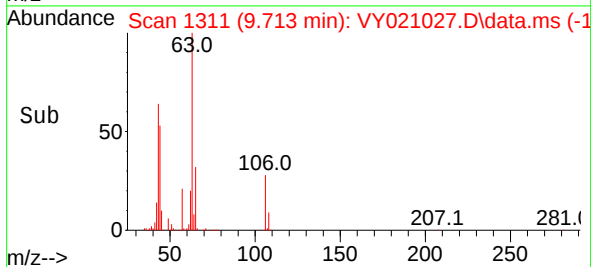
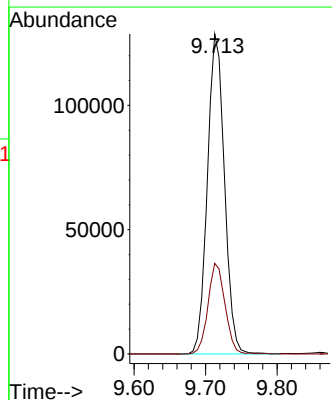
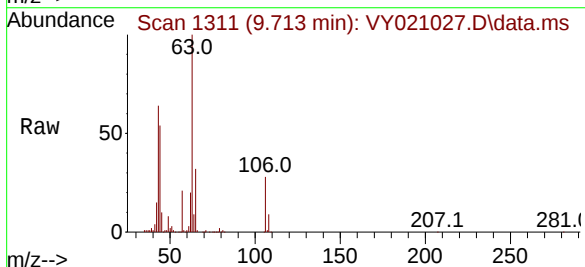
Acq: 03 Feb 2025 13:37

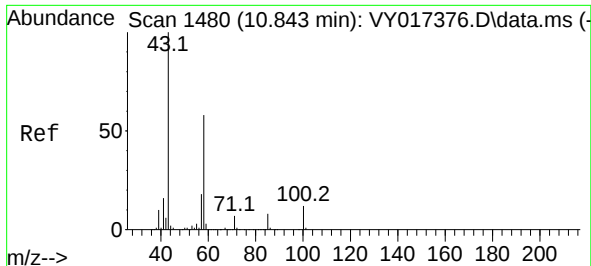
Tgt Ion: 63 Resp: 213481

Ion Ratio Lower Upper

63 100

106 28.3 22.4 33.6





#59

2-Hexanone

Concen: 239.750 ug/l

RT: 10.761 min Scan# 1480

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

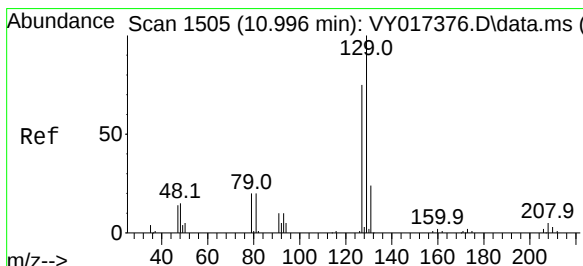
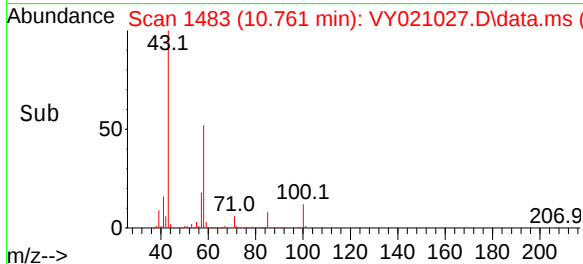
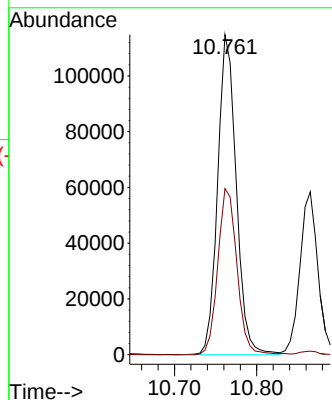
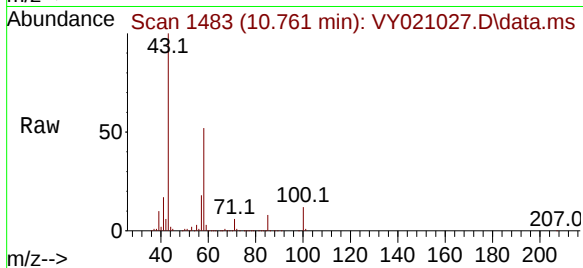
ClientSampleId :

Tgt Ion: 43 Resp: 180455

Ion Ratio Lower Upper

43 100

58 53.5 28.1 84.3



#60

Dibromochloromethane

Concen: 48.123 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY021027.D

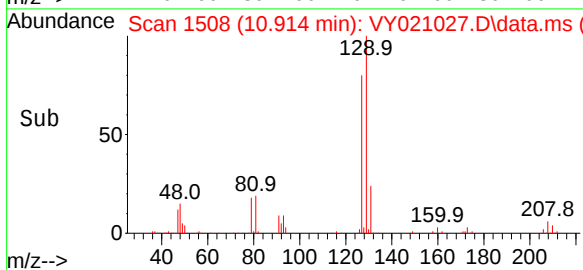
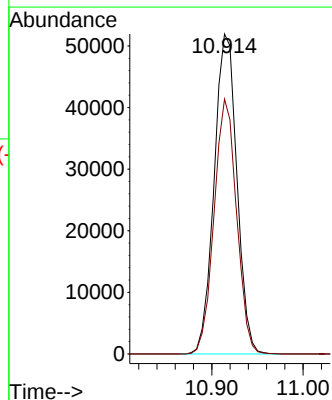
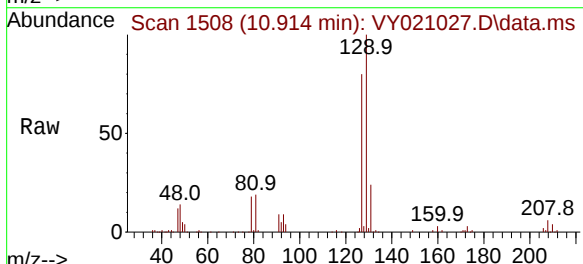
Acq: 03 Feb 2025 13:37

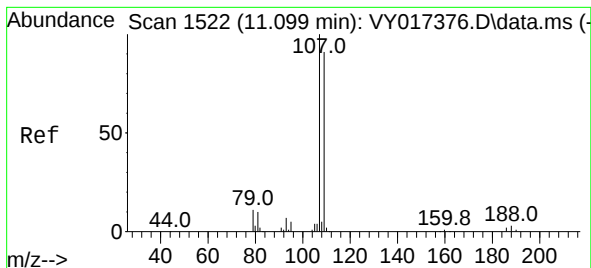
Tgt Ion:129 Resp: 90009

Ion Ratio Lower Upper

129 100

127 78.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 47.325 ug/l

RT: 11.017 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

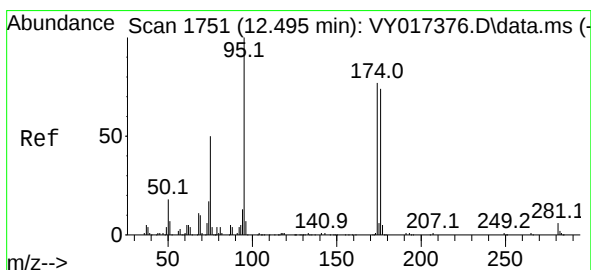
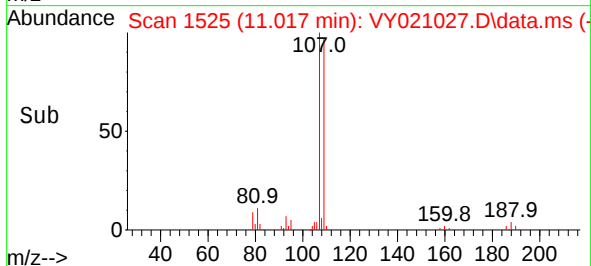
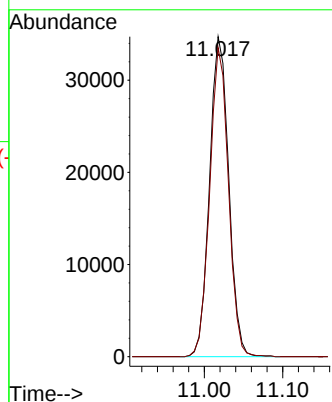
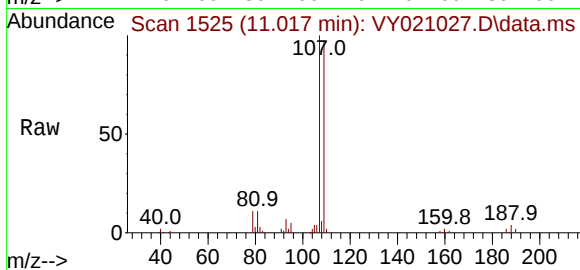
ClientSampleId :

Tgt Ion:107 Resp: 59039

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 58.919 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

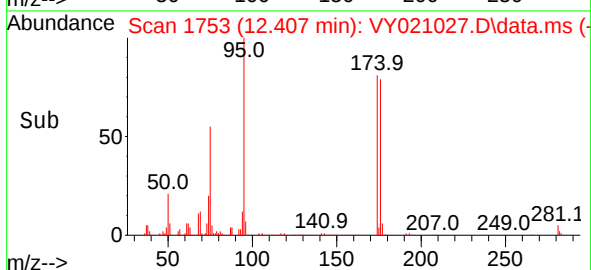
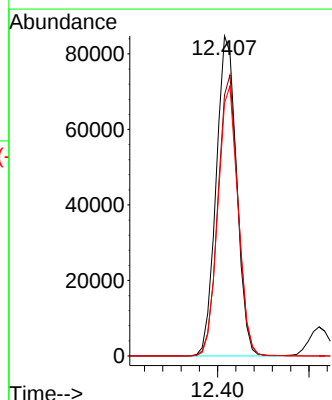
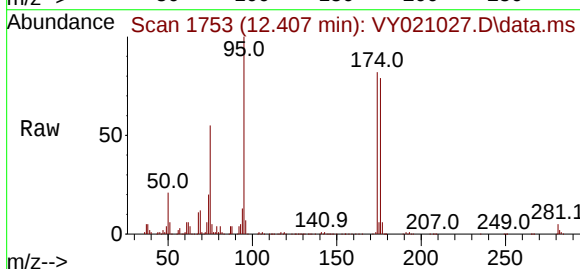
Tgt Ion: 95 Resp: 131943

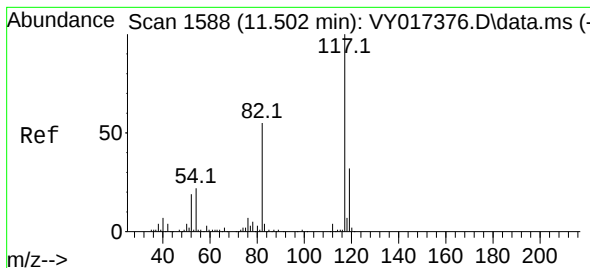
Ion Ratio Lower Upper

95 100

174 85.5 0.0 160.0

176 83.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

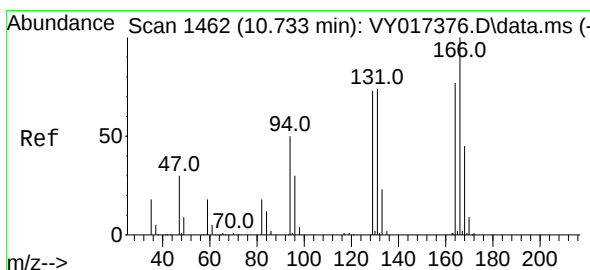
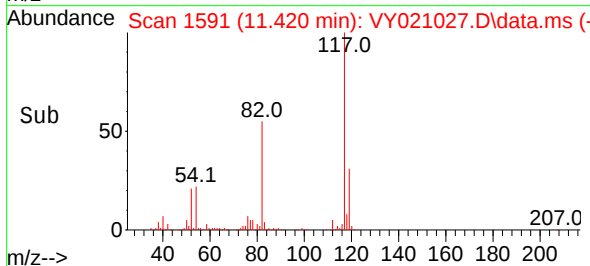
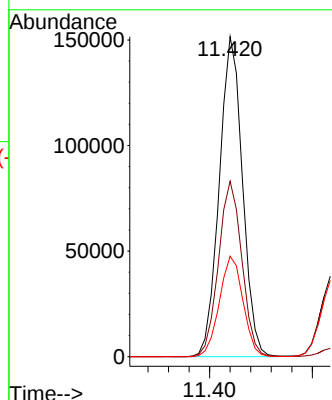
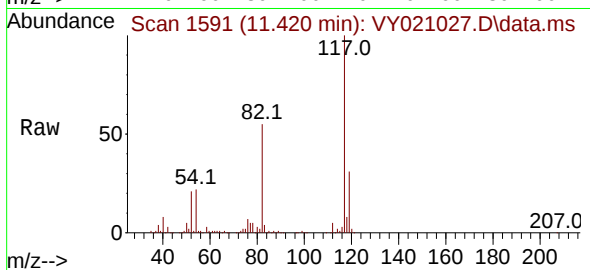
Tgt Ion:117 Resp: 237569

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

119 31.4 26.5 39.7



#64

Tetrachloroethene

Concen: 52.446 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Tgt Ion:164 Resp: 92493

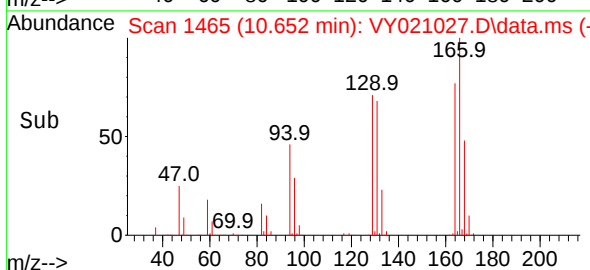
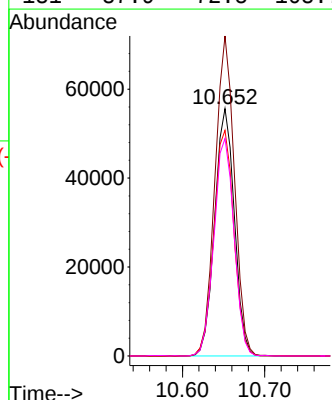
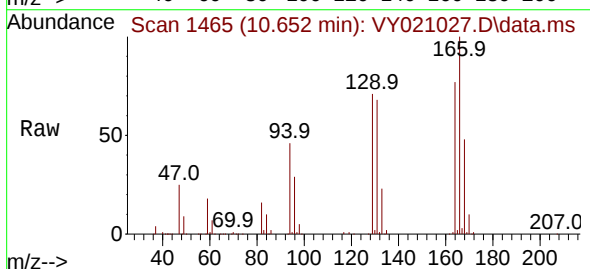
Ion Ratio Lower Upper

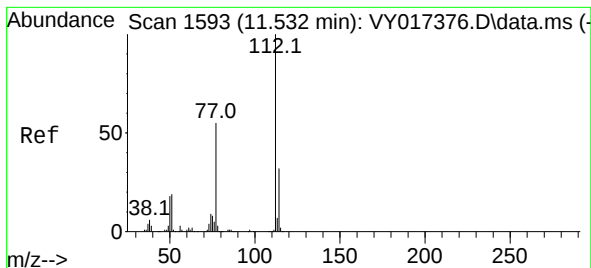
164 100

166 129.4 98.8 148.2

129 91.2 78.9 118.3

131 87.9 72.5 108.7





#65

Chlorobenzene

Concen: 50.766 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

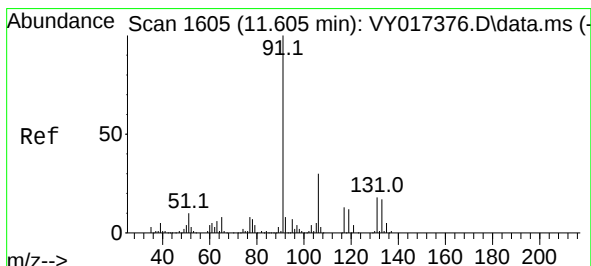
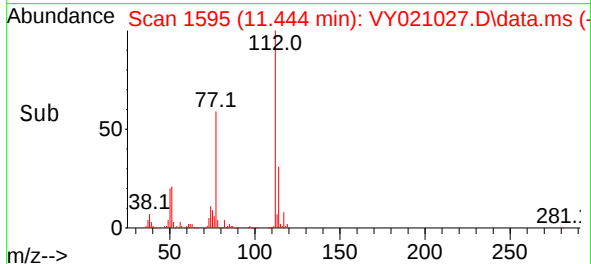
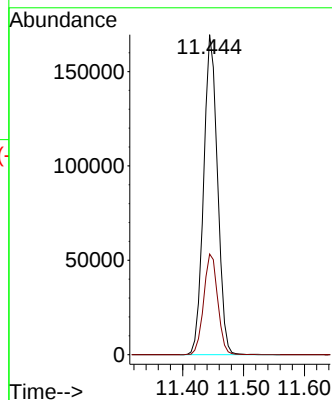
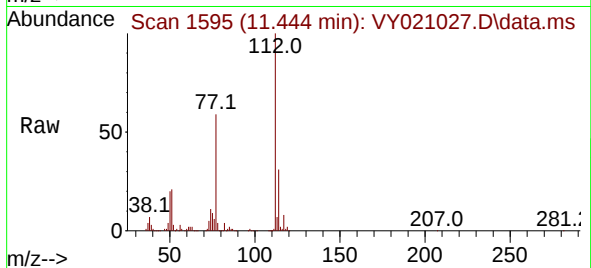
ClientSampleId :

Tgt Ion:112 Resp: 268544

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.356 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

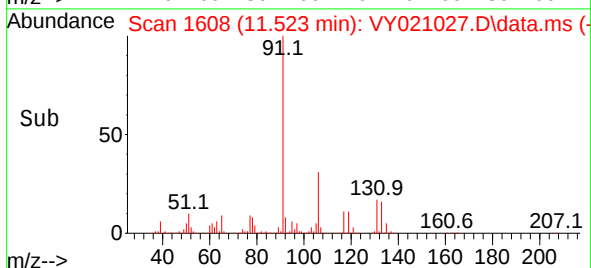
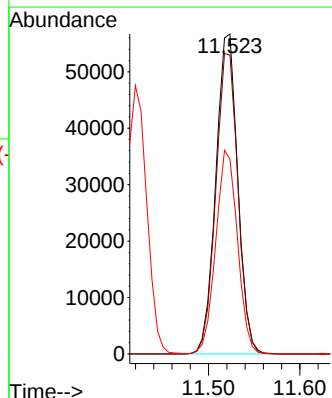
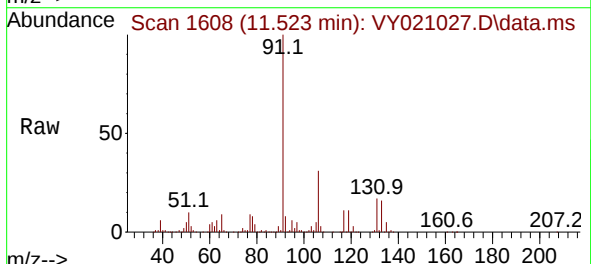
Tgt Ion:131 Resp: 94662

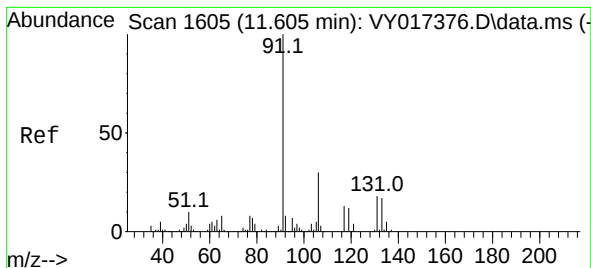
Ion Ratio Lower Upper

131 100

133 94.7 47.0 141.0

119 63.3 33.3 99.9





#67

Ethyl Benzene

Concen: 52.642 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

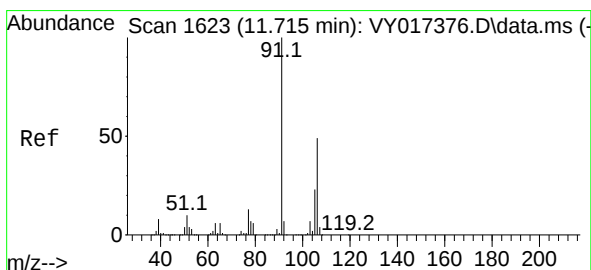
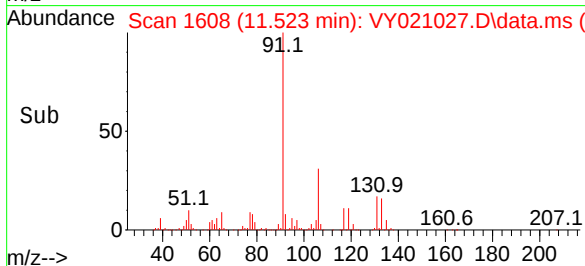
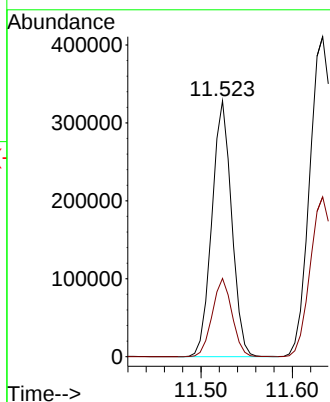
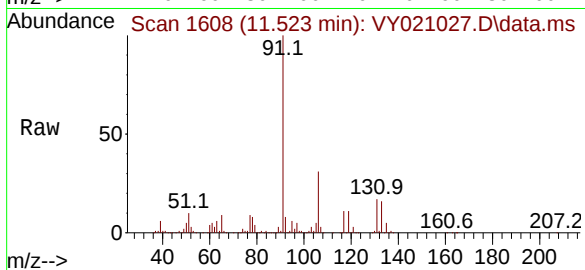
ClientSampleId :

Tgt Ion: 91 Resp: 492537

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 104.978 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021027.D

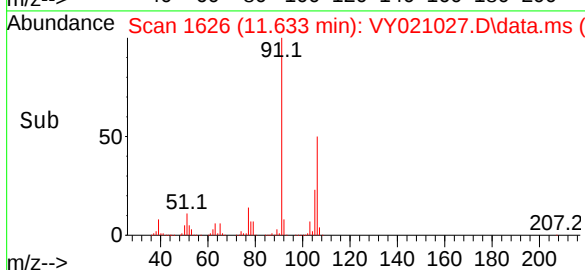
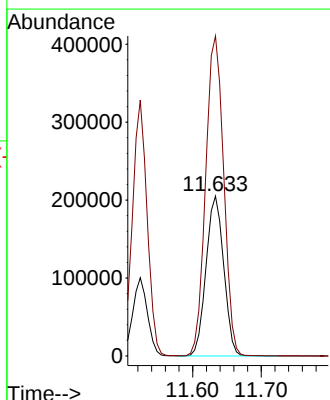
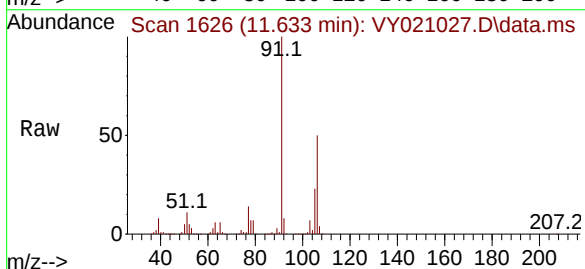
Acq: 03 Feb 2025 13:37

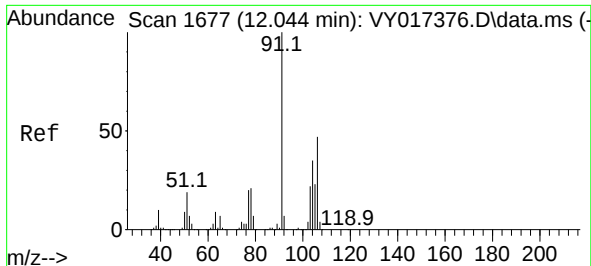
Tgt Ion:106 Resp: 367445

Ion Ratio Lower Upper

106 100

91 204.0 160.7 241.1





#69

o-Xylene

Concen: 52.062 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

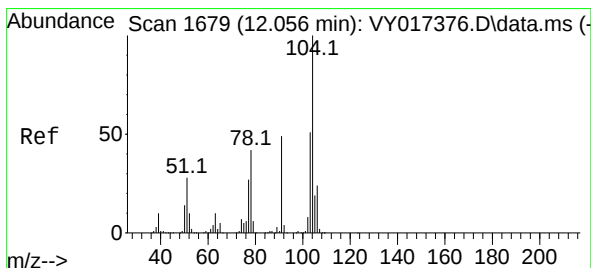
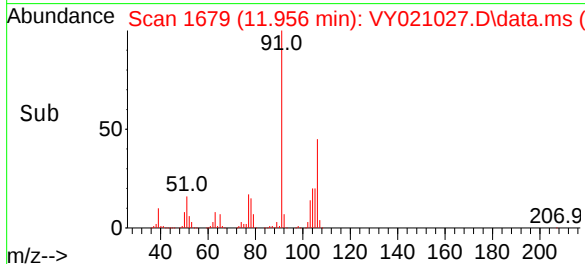
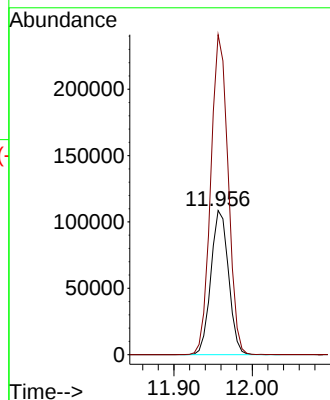
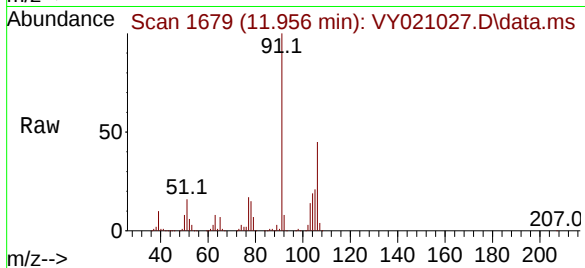
ClientSampleId :

Tgt Ion:106 Resp: 169897

Ion Ratio Lower Upper

106 100

91 218.5 106.5 319.5



#70

Styrene

Concen: 52.009 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

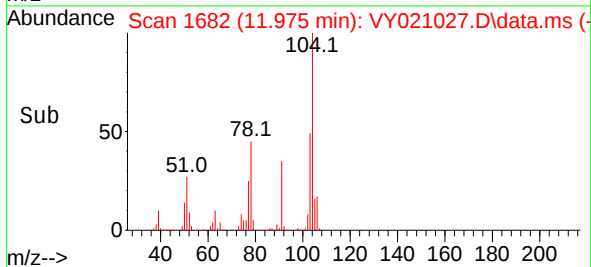
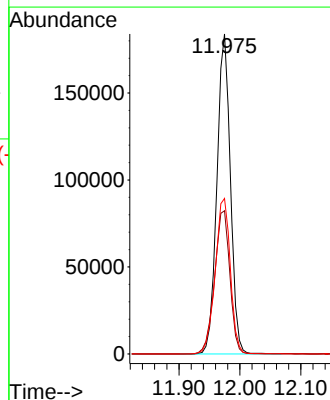
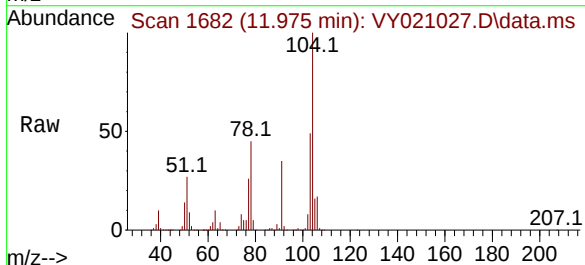
Tgt Ion:104 Resp: 282879

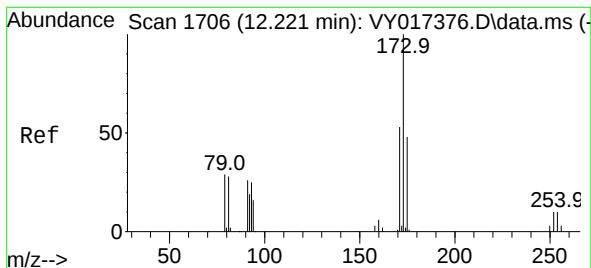
Ion Ratio Lower Upper

104 100

78 50.8 39.2 58.8

103 54.5 43.8 65.6





#71

Bromoform

Concen: 48.166 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

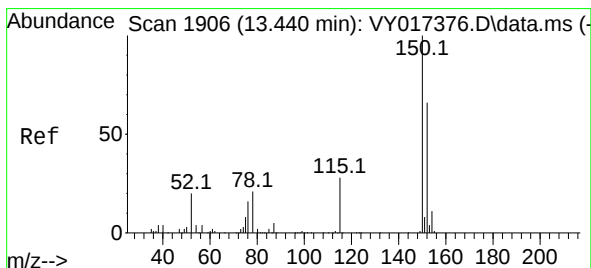
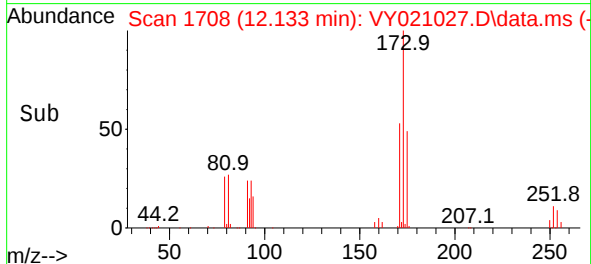
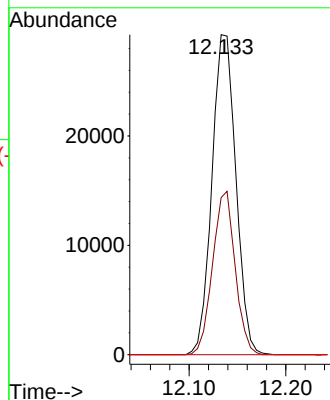
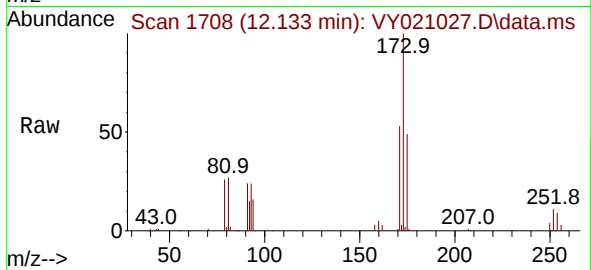
Tgt Ion:173 Resp: 50400

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

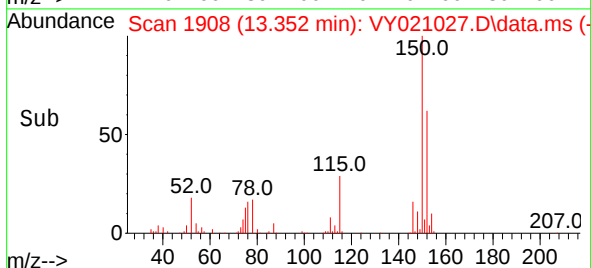
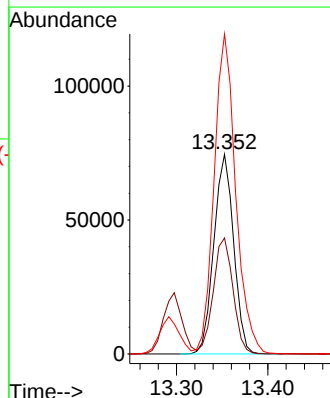
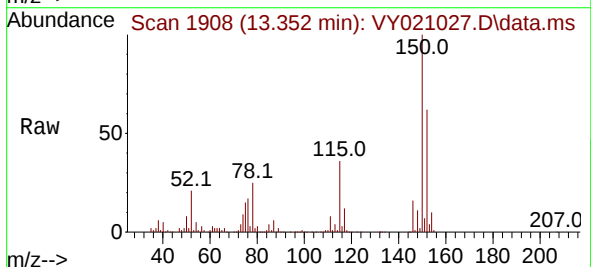
Tgt Ion:152 Resp: 112062

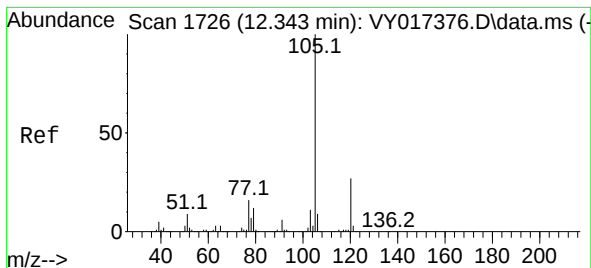
Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 175.2 0.0 344.6





#73

Isopropylbenzene

Concen: 53.377 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

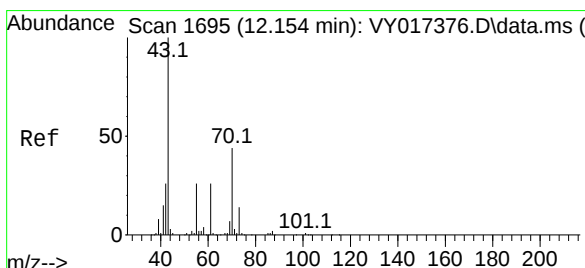
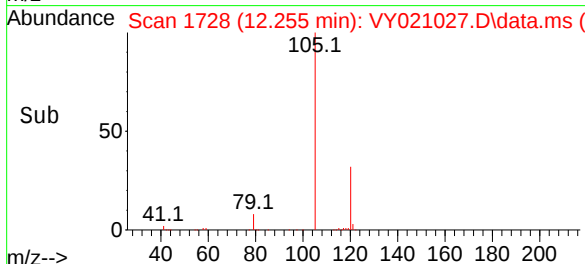
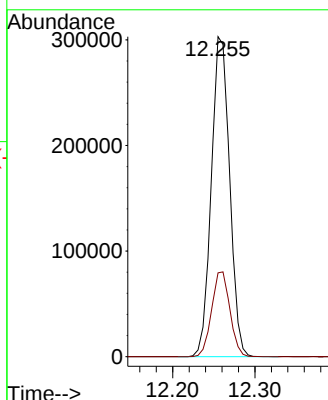
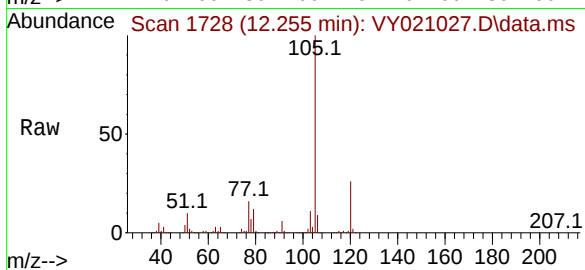
ClientSampleId :

Tgt Ion:105 Resp: 467245

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



#74

N-aryl acetate

Concen: 49.483 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Tgt Ion: 43 Resp: 94701

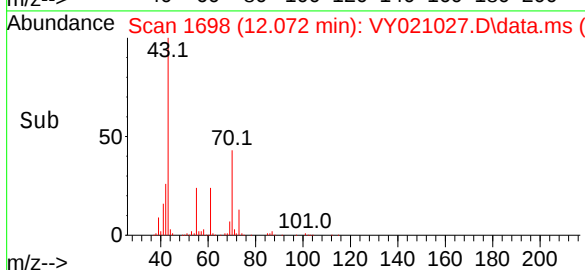
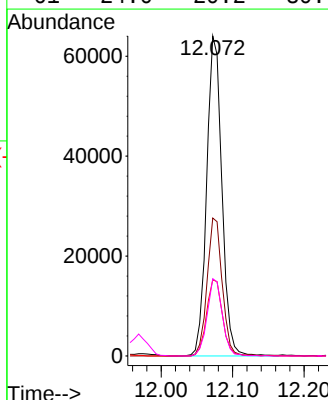
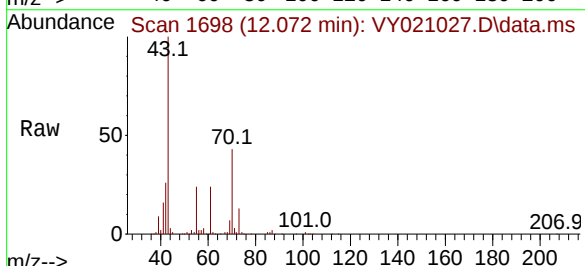
Ion Ratio Lower Upper

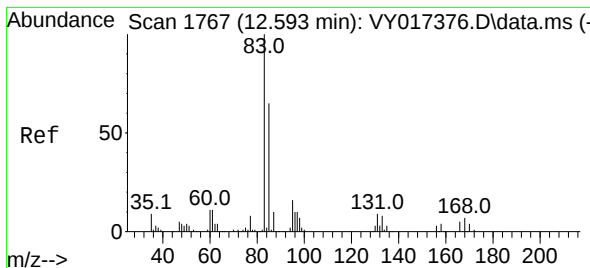
43 100

70 42.8 36.6 55.0

55 24.9 22.2 33.4

61 24.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.145 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

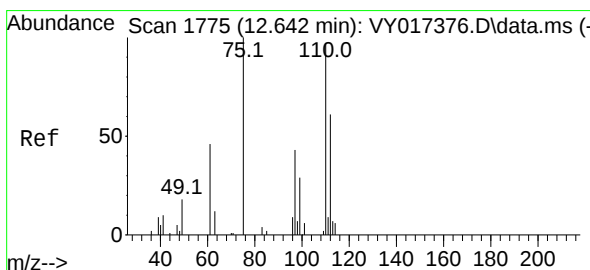
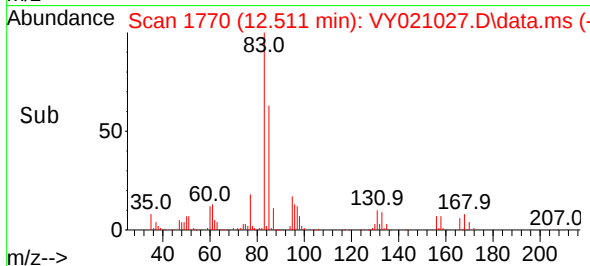
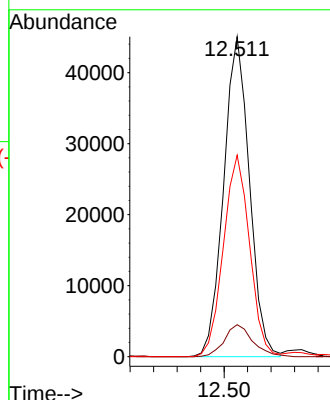
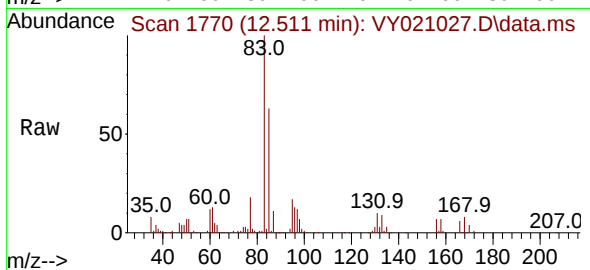
Tgt Ion: 83 Resp: 68636

Ion Ratio Lower Upper

83 100

131 10.9 4.9 14.6

85 64.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 91.514 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021027.D

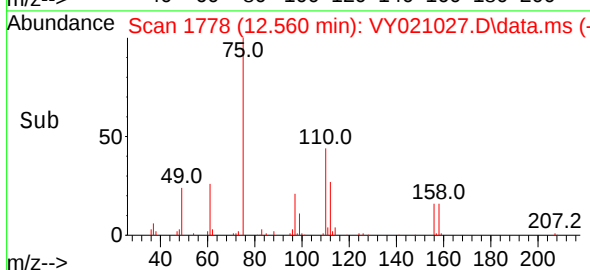
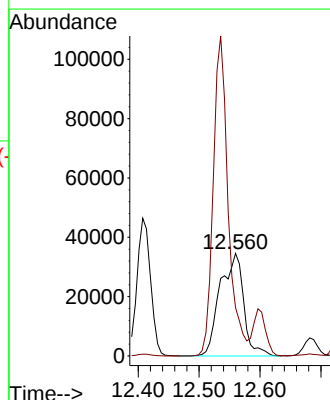
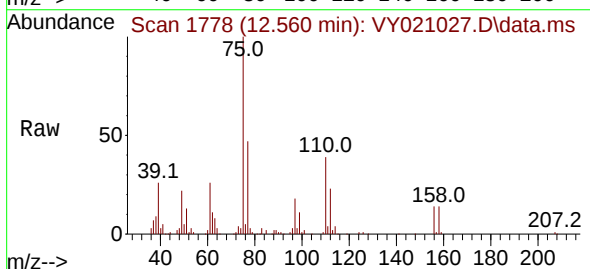
Acq: 03 Feb 2025 13:37

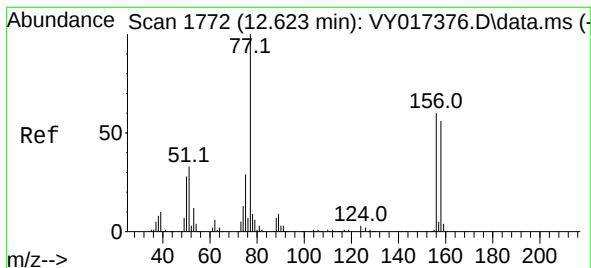
Tgt Ion: 75 Resp: 93028

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.490 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

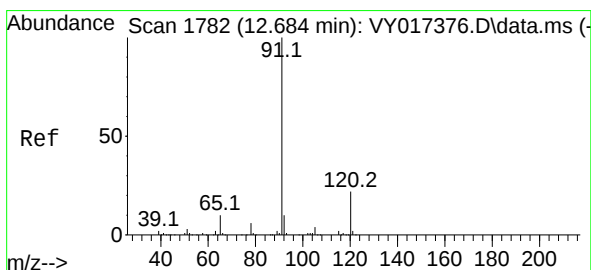
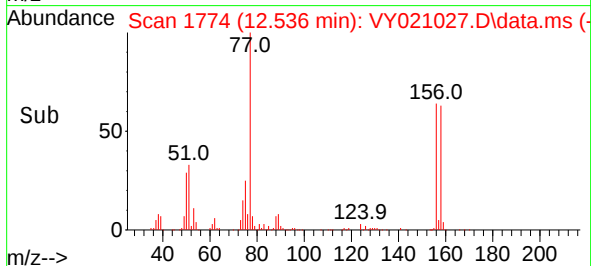
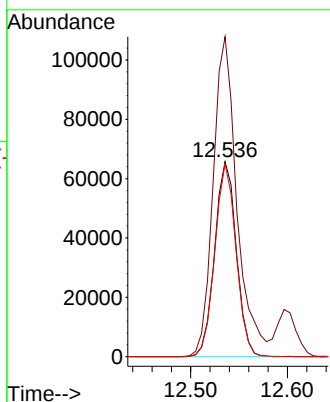
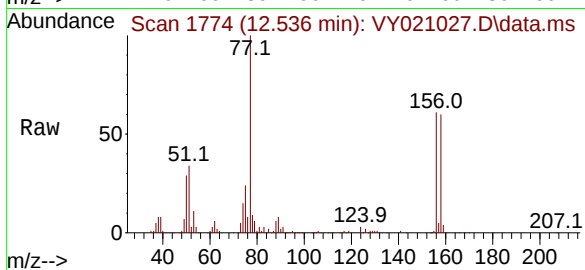
Tgt Ion:156 Resp: 101991

Ion Ratio Lower Upper

156 100

77 179.9 97.3 291.8

158 96.9 48.4 145.0



#78

n-propylbenzene

Concen: 53.513 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY021027.D

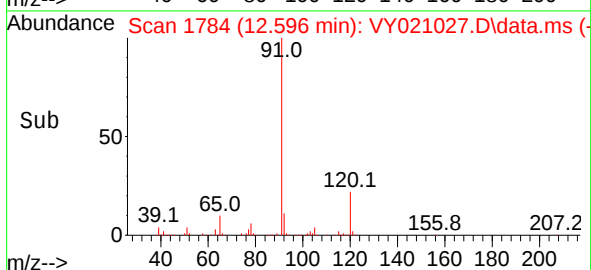
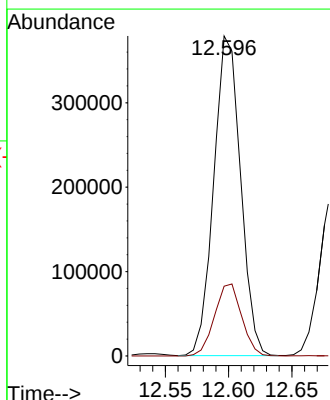
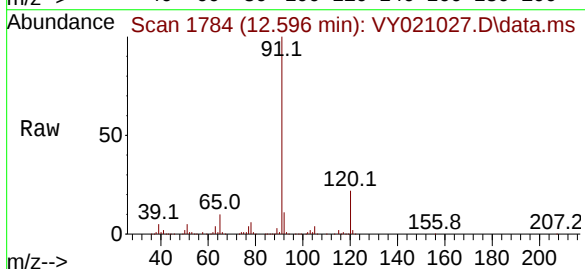
Acq: 03 Feb 2025 13:37

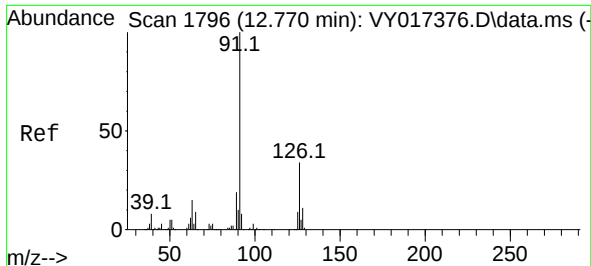
Tgt Ion: 91 Resp: 558013

Ion Ratio Lower Upper

91 100

120 22.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 51.922 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.006 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

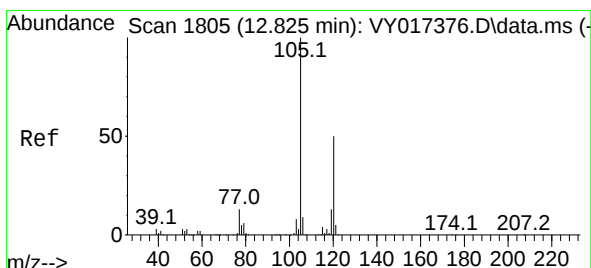
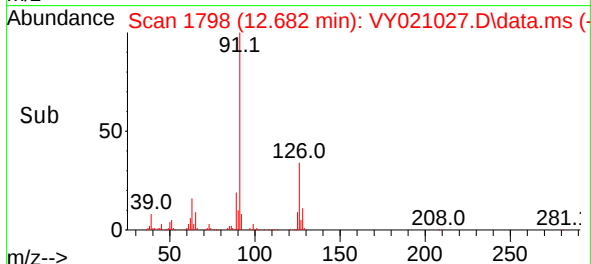
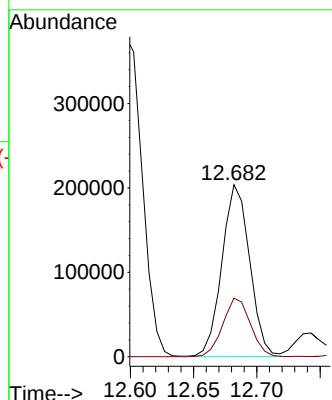
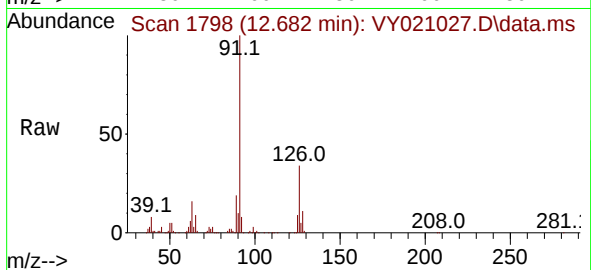
ClientSampleId :

Tgt Ion: 91 Resp: 310097

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.840 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021027.D

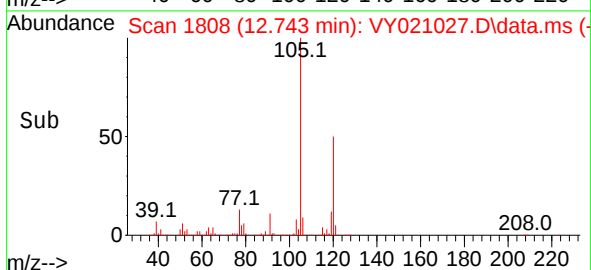
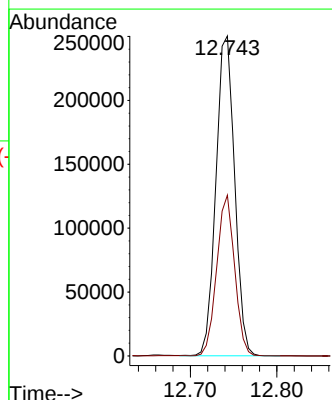
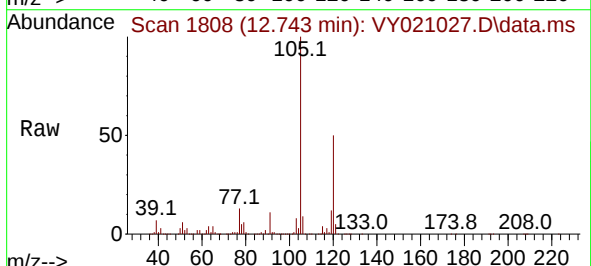
Acq: 03 Feb 2025 13:37

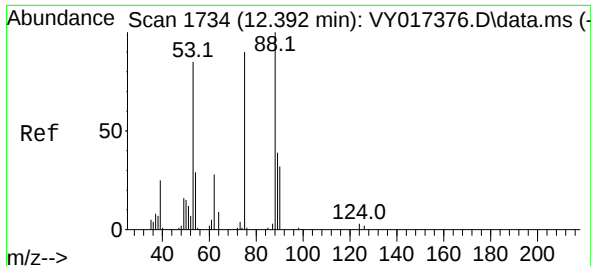
Tgt Ion:105 Resp: 375018

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8

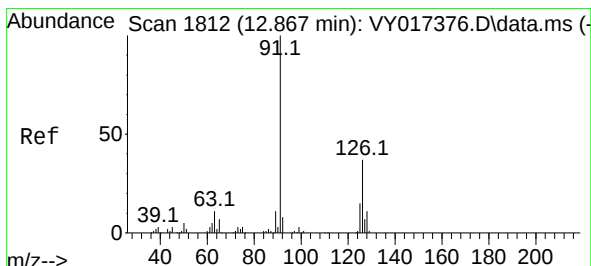
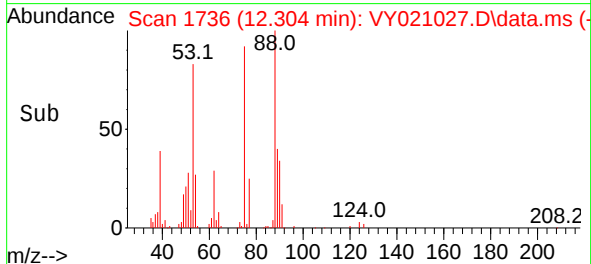
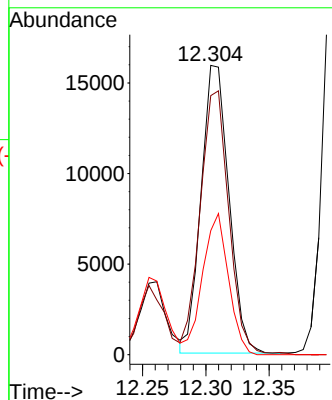
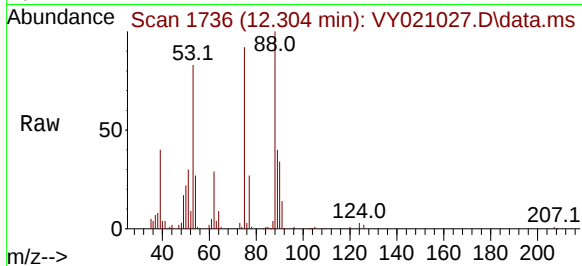




#81
trans-1,4-Dichloro-2-butene
Concen: 48.841 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

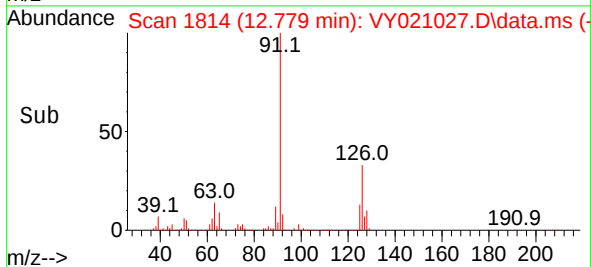
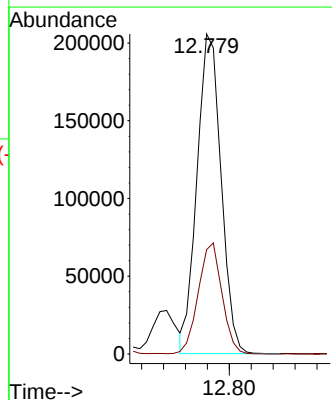
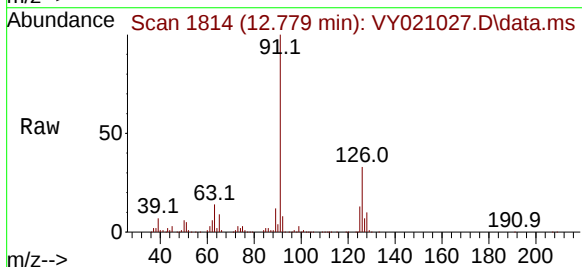
Instrument :
MSVOA_Y
ClientSampleId :

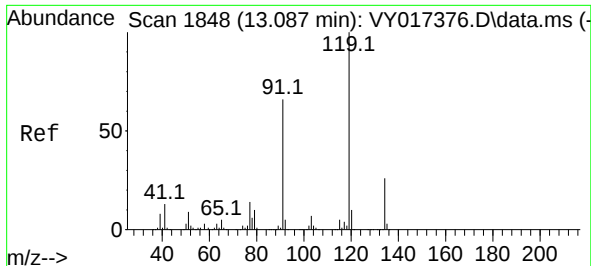
Tgt Ion: 75 Resp: 24332
Ion Ratio Lower Upper
75 100
53 94.8 74.0 111.0
89 45.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 51.594 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 91 Resp: 313949
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

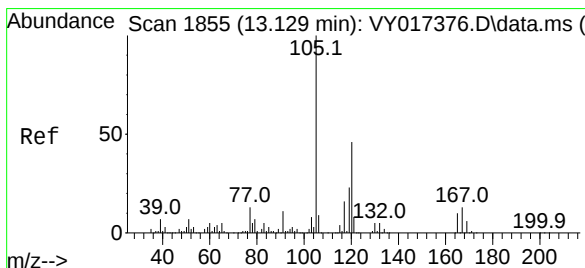
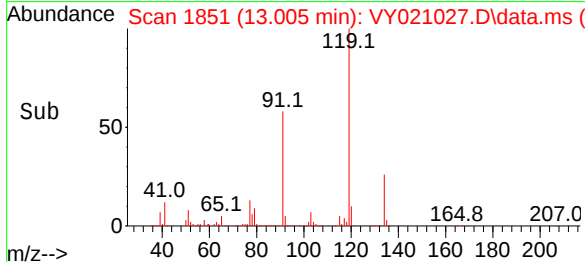
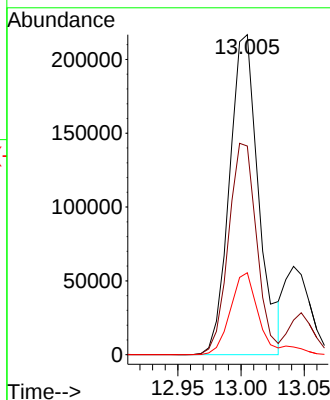
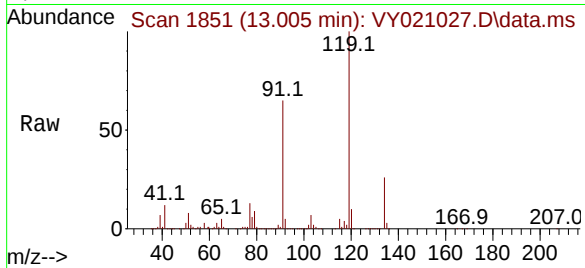




#83
tert-Butylbenzene
Concen: 53.952 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

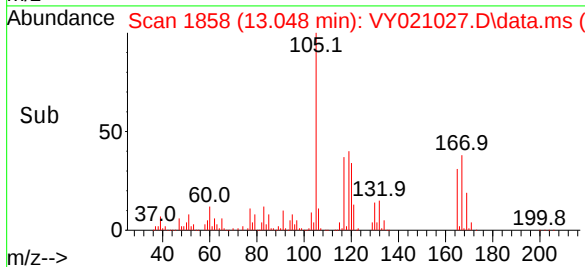
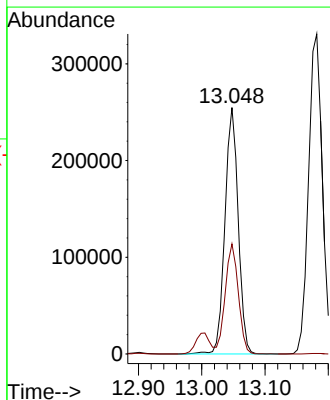
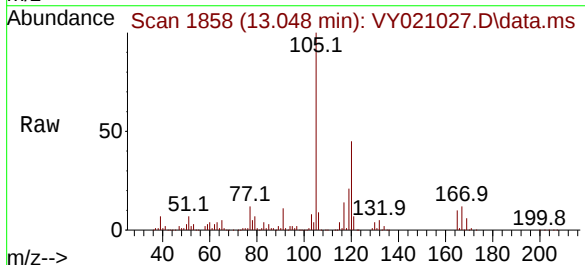
Instrument :
MSVOA_Y
ClientSampleId :

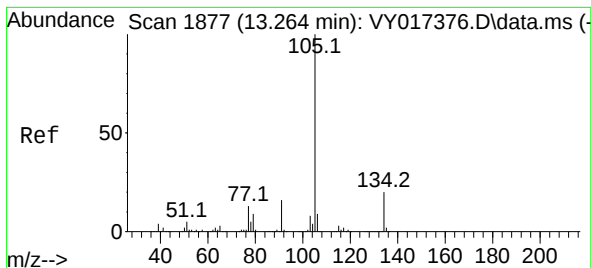
Tgt Ion:119 Resp: 348046
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 25.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 53.370 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:105 Resp: 370353
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.301 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

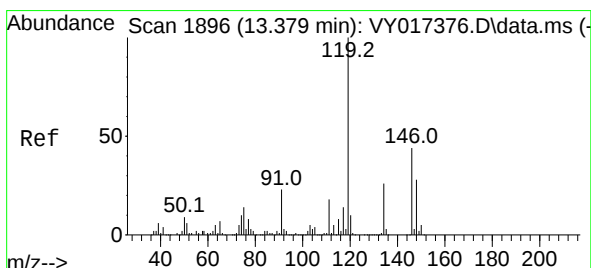
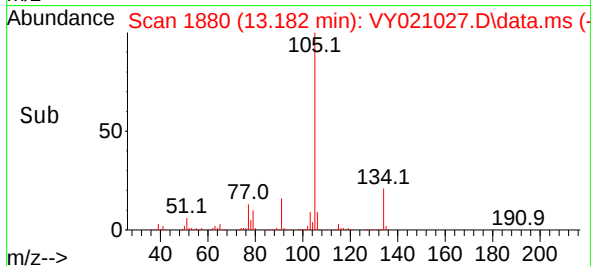
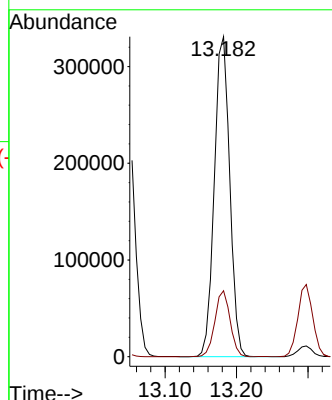
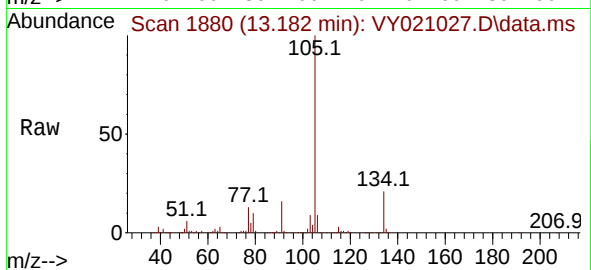
ClientSampleId :

Tgt Ion:105 Resp: 494957

Ion Ratio Lower Upper

105 100

134 20.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 53.325 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

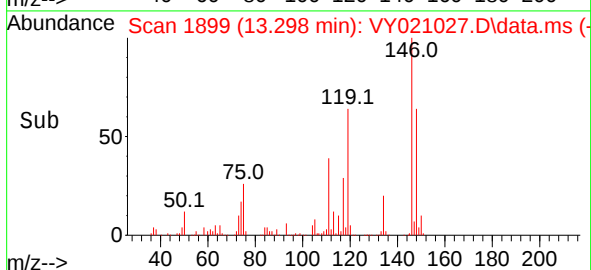
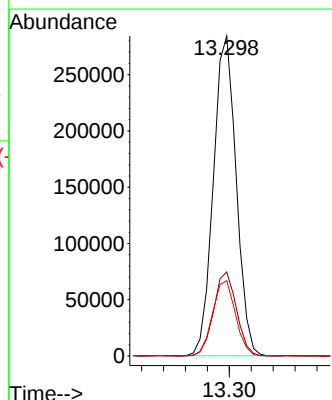
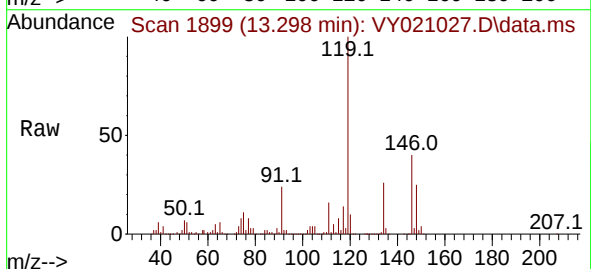
Tgt Ion:119 Resp: 411332

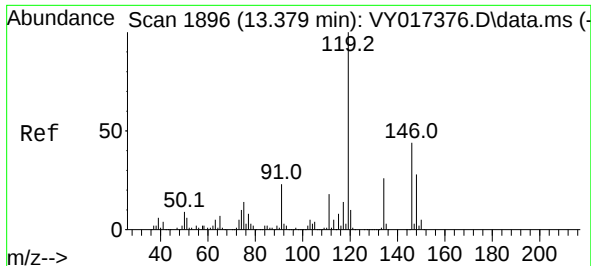
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.7 11.7 35.0

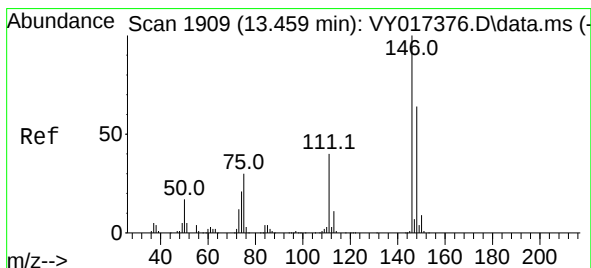
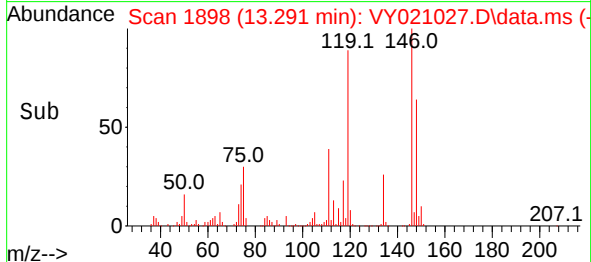
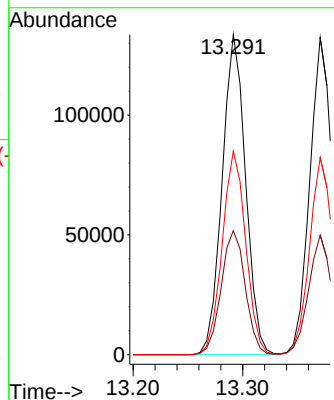
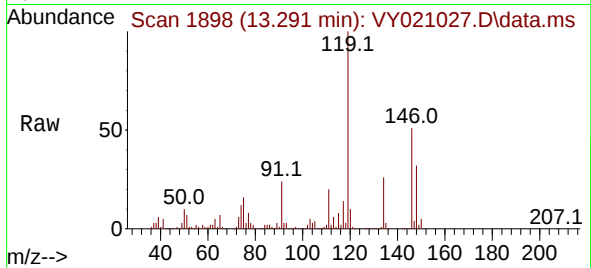




#87
1,3-Dichlorobenzene
Concen: 50.868 ug/l
RT: 13.291 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

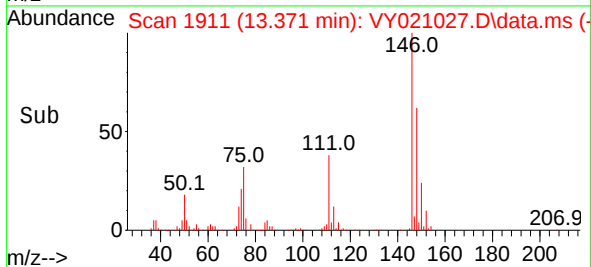
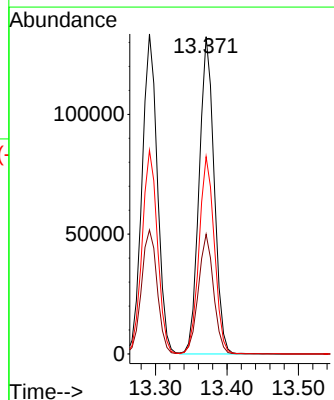
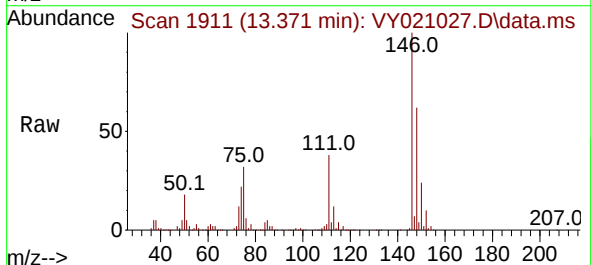
Instrument :
MSVOA_Y
ClientSampleId :

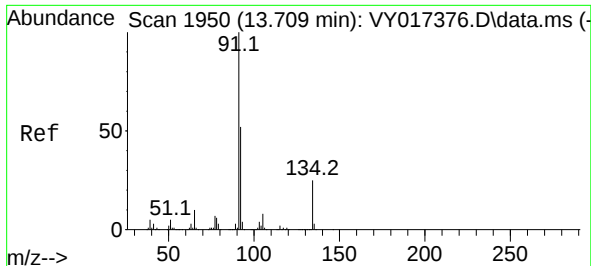
Tgt Ion:146 Resp: 198405
Ion Ratio Lower Upper
146 100
111 39.7 20.2 60.5
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 50.309 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion:146 Resp: 193207
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.9
148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 54.636 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

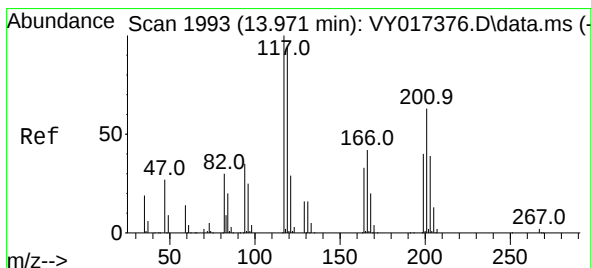
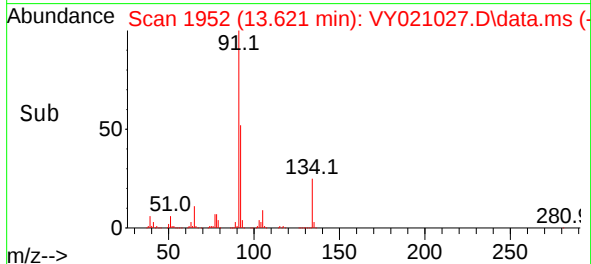
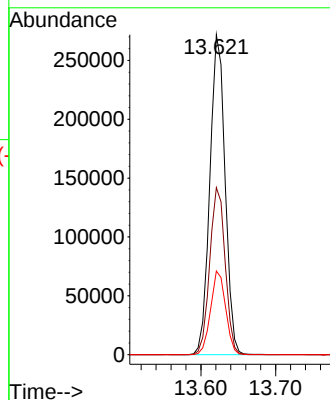
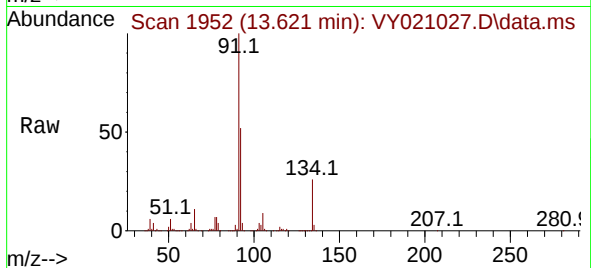
Tgt Ion: 91 Resp: 384473

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 25.9 12.3 36.8



#90

Hexachloroethane

Concen: 51.521 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY021027.D

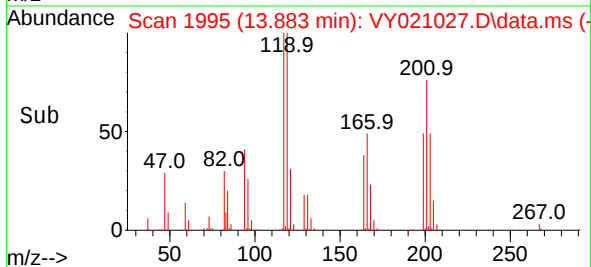
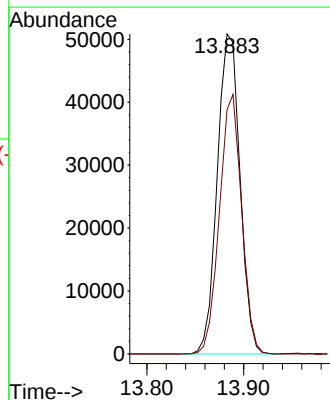
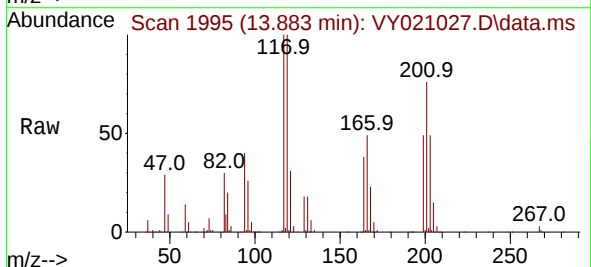
Acq: 03 Feb 2025 13:37

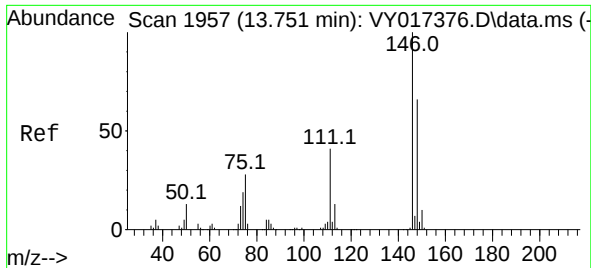
Tgt Ion:117 Resp: 82908

Ion Ratio Lower Upper

117 100

201 79.2 33.4 100.1

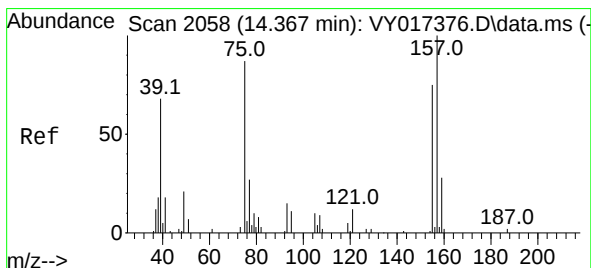
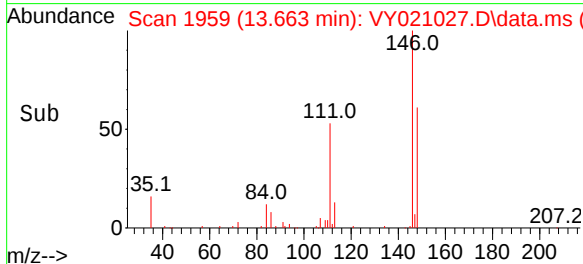
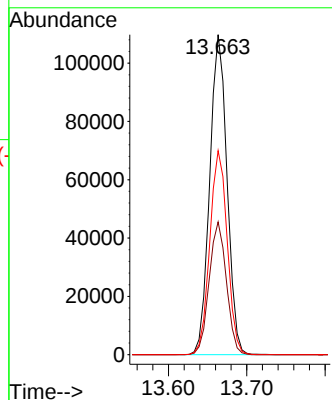
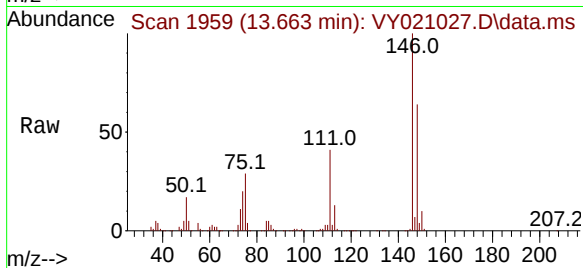




#91
1,2-Dichlorobenzene
Concen: 49.696 ug/l
RT: 13.663 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

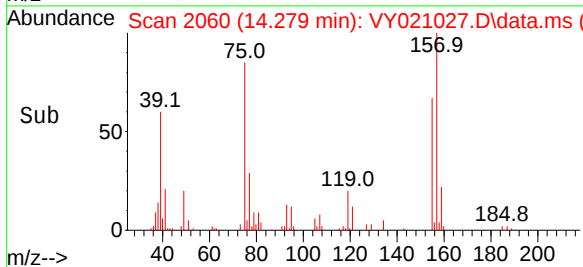
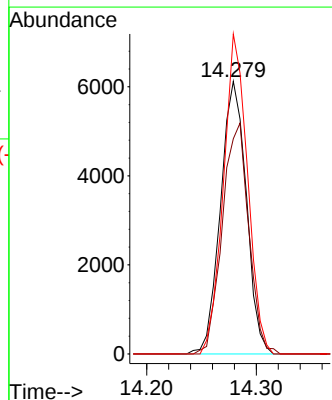
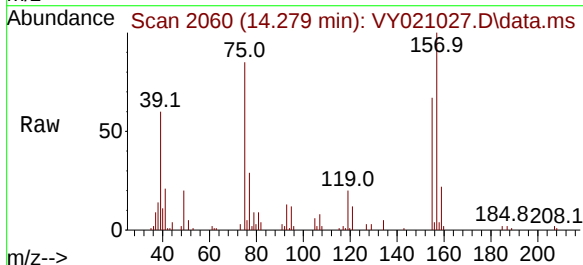
Instrument :
MSVOA_Y
ClientSampleId :

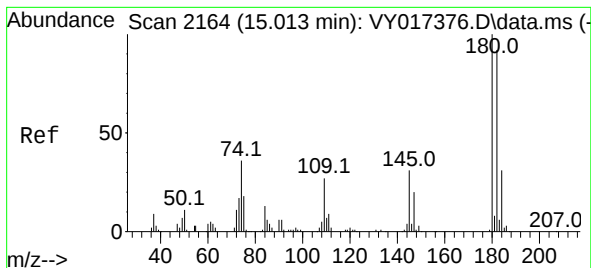
Tgt Ion:146 Resp: 168238
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 64.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.965 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021027.D
Acq: 03 Feb 2025 13:37

Tgt Ion: 75 Resp: 10000
Ion Ratio Lower Upper
75 100
155 86.6 42.1 126.3
157 109.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 52.224 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

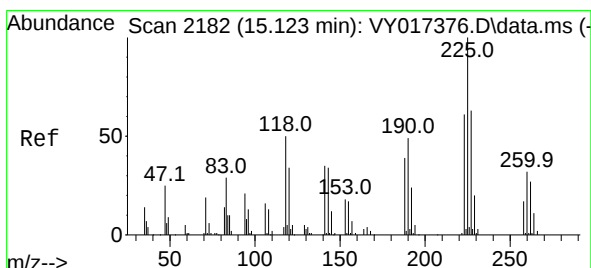
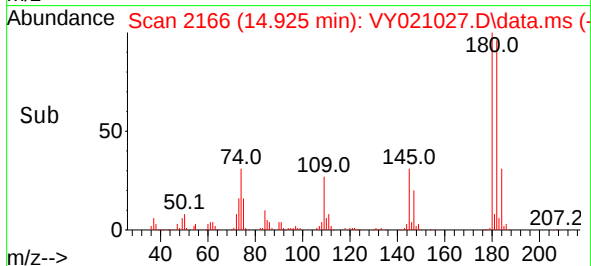
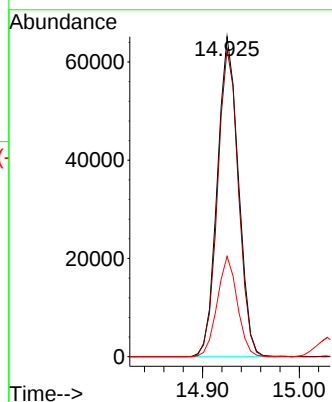
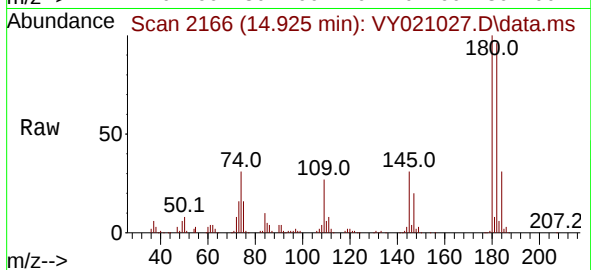
Tgt Ion:180 Resp: 98409

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 29.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 52.760 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

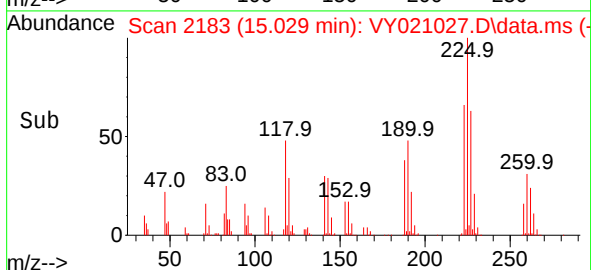
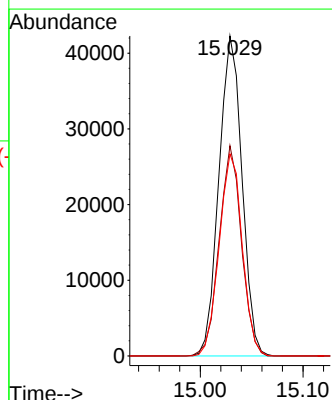
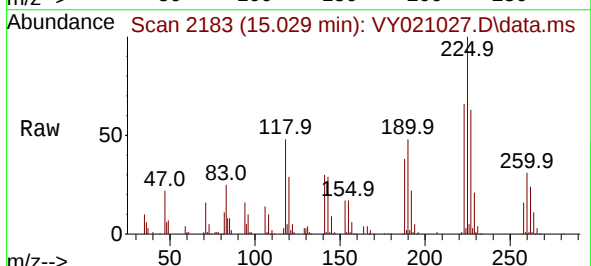
Tgt Ion:225 Resp: 65883

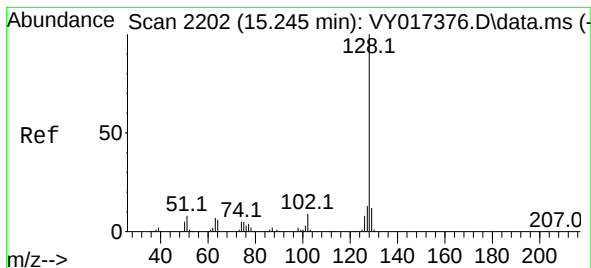
Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.3

227 63.0 32.3 96.8





#95

Naphthalene

Concen: 51.245 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min MSVOA_Y

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Instrument :
ClientSampleId :

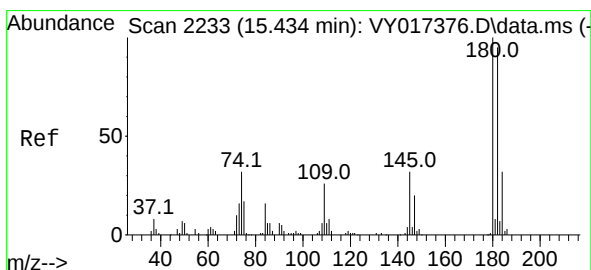
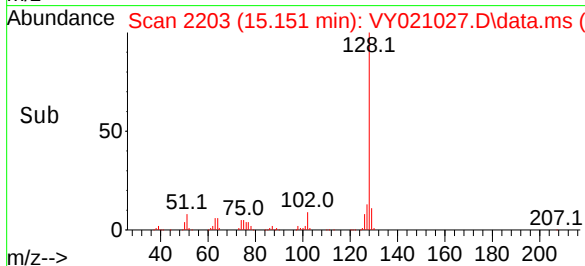
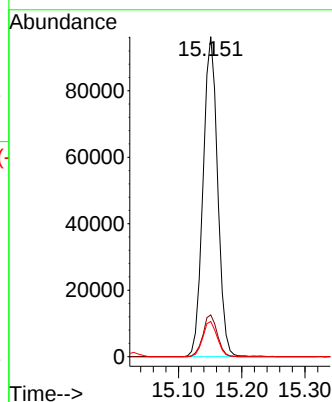
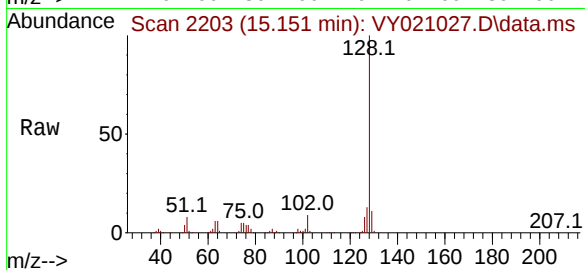
Tgt Ion:128 Resp: 154493

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.882 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021027.D

Acq: 03 Feb 2025 13:37

Tgt Ion:180 Resp: 79793

Ion Ratio Lower Upper

180 100

182 95.6 46.3 138.8

145 32.5 16.1 48.2

