

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021234.D
 Acq On : 18 Feb 2025 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 19 04:16:17 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	7.719	168	179993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	278519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	245993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	123334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92731	50.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.560%	
35) Dibromofluoromethane	7.646	113	89634	50.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.115	98	336926	49.582	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.414	95	121649	54.796	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	59751	37.246	ug/l	98
3) Chloromethane	2.074	50	63415	40.059	ug/l	97
4) Vinyl Chloride	2.214	62	68908	43.247	ug/l	100
5) Bromomethane	2.604	94	44214	44.896	ug/l	98
6) Chloroethane	2.745	64	45141	47.592	ug/l	95
7) Trichlorofluoromethane	3.068	101	127562	43.944	ug/l	99
8) Diethyl Ether	3.464	74	40339	44.514	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	79029	43.378	ug/l	96
10) Methyl Iodide	4.019	142	87551	43.255	ug/l	93
11) Tert butyl alcohol	4.878	59	25055	200.486	ug/l	97
12) 1,1-Dichloroethene	3.799	96	75038	43.723	ug/l	89
13) Acrolein	3.659	56	33957	176.454	ug/l	95
14) Allyl chloride	4.397	41	132419	45.782	ug/l	95
15) Acrylonitrile	5.074	53	86870	230.206	ug/l	98
16) Acetone	3.879	43	64051	222.713	ug/l	99
17) Carbon Disulfide	4.116	76	208049	38.660	ug/l	99
18) Methyl Acetate	4.391	43	51242	50.756	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	203579	46.932	ug/l	98
20) Methylene Chloride	4.629	84	83807	46.876	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	82834	43.848	ug/l	92
22) Diisopropyl ether	6.031	45	288041	48.314	ug/l	96
23) Vinyl Acetate	5.970	43	779862	234.652	ug/l	98
24) 1,1-Dichloroethane	5.927	63	162017	46.384	ug/l	99
25) 2-Butanone	6.902	43	111471	235.870	ug/l	100
26) 2,2-Dichloropropane	6.896	77	149168	46.154	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	100603	46.267	ug/l	93
28) Bromochloromethane	7.256	49	68777	49.795	ug/l	98
29) Tetrahydrofuran	7.268	42	74465	232.857	ug/l	95
30) Chloroform	7.427	83	166108	46.298	ug/l	98
31) Cyclohexane	7.707	56	132248	42.044	ug/l	94
32) 1,1,1-Trichloroethane	7.628	97	153654	46.064	ug/l	99
36) 1,1-Dichloropropene	7.841	75	116811	44.183	ug/l	99
37) Ethyl Acetate	6.994	43	52029	44.860	ug/l	99
38) Carbon Tetrachloride	7.829	117	137836	44.619	ug/l	99
39) Methylcyclohexane	9.116	83	145124	44.876	ug/l	97
40) Benzene	8.091	78	355020	45.758	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	26366	39.294	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	99148	46.067	ug/l	97
43) Isopropyl Acetate	8.201	43	109382	47.463	ug/l	97
44) Trichloroethene	8.872	130	90171	44.984	ug/l	95
45) 1,2-Dichloropropane	9.146	63	86411	46.924	ug/l	98
46) Dibromomethane	9.237	93	46496	45.602	ug/l	96
47) Bromodichloromethane	9.433	83	130086	47.572	ug/l	95
48) Methyl methacrylate	9.225	41	50343	47.957	ug/l	95
49) 1,4-Dioxane	9.237	88	9293	979.059	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	277189	239.184	ug/l	98
52) Toluene	10.176	92	222167	45.604	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	117550	47.874	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	139100	47.846	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	61323	46.445	ug/l	97
56) Ethyl methacrylate	10.445	69	88334	50.011	ug/l	93
57) 1,3-Dichloropropane	10.725	76	108172	47.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	229005	272.524	ug/l	99
59) 2-Hexanone	10.768	43	183358	245.733	ug/l	97
60) Dibromochloromethane	10.920	129	86814	46.820	ug/l	99
61) 1,2-Dibromoethane	11.024	107	58087	46.969	ug/l	99
64) Tetrachloroethene	10.652	164	77959	42.691	ug/l	97
65) Chlorobenzene	11.450	112	246416	44.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	88664	45.550	ug/l	98
67) Ethyl Benzene	11.524	91	443571	45.785	ug/l	100
68) m/p-Xylenes	11.633	106	328680	90.687	ug/l	97
69) o-Xylene	11.963	106	159724	47.269	ug/l	98
70) Styrene	11.975	104	265514	47.145	ug/l	98
71) Bromoform	12.139	173	49370	45.566	ug/l #	99
73) Isopropylbenzene	12.261	105	427761	44.401	ug/l	100
74) N-amyl acetate	12.078	43	99826	47.394	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	71084	44.364	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	93311	83.403	ug/l #	100
77) Bromobenzene	12.542	156	97541	43.874	ug/l	92
78) n-propylbenzene	12.603	91	502965	43.826	ug/l	99
79) 2-Chlorotoluene	12.688	91	286472	43.583	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	346358	44.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	24114	43.980	ug/l	97
82) 4-Chlorotoluene	12.786	91	292484	43.674	ug/l	99
83) tert-Butylbenzene	13.005	119	313933	44.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	340384	44.568	ug/l	99
85) sec-Butylbenzene	13.182	105	447069	43.744	ug/l	97
86) p-Isopropyltoluene	13.298	119	378239	44.553	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	186022	43.334	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	179933	42.571	ug/l	99
89) n-Butylbenzene	13.627	91	354866	45.819	ug/l	99
90) Hexachloroethane	13.889	117	75952	42.885	ug/l	85
91) 1,2-Dichlorobenzene	13.670	146	162778	43.688	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10915	45.586	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	100865	48.635	ug/l	99
94) Hexachlorobutadiene	15.029	225	64183	46.701	ug/l	99
95) Naphthalene	15.151	128	180086	54.275	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	85437	49.502	ug/l	99

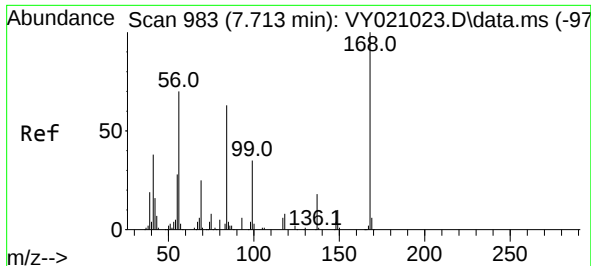
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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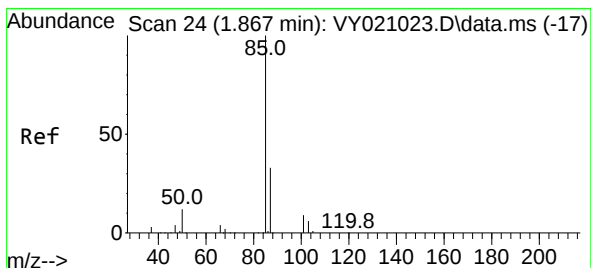
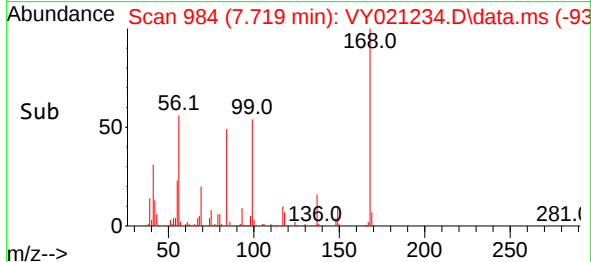
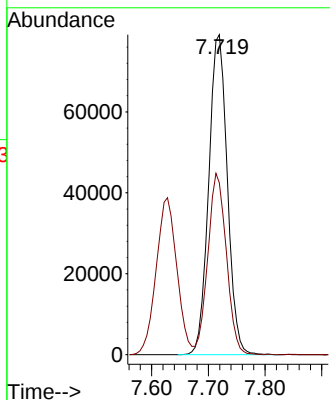
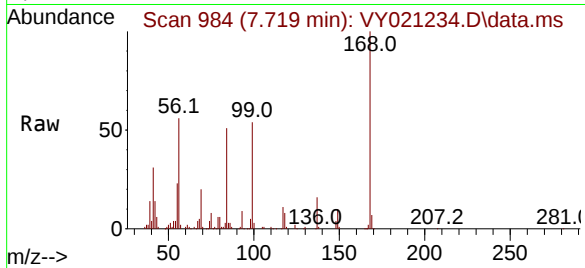
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

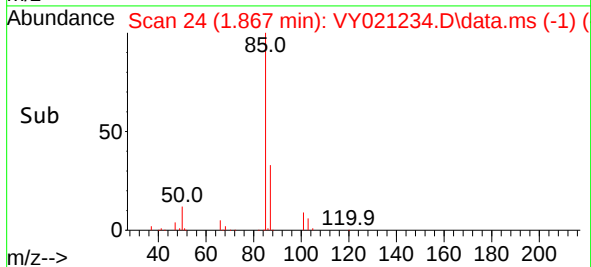
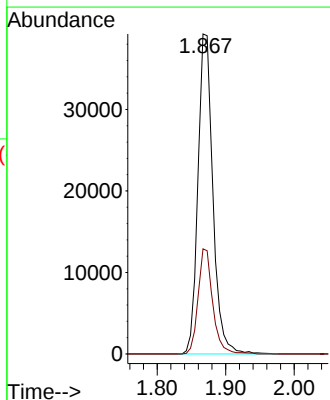
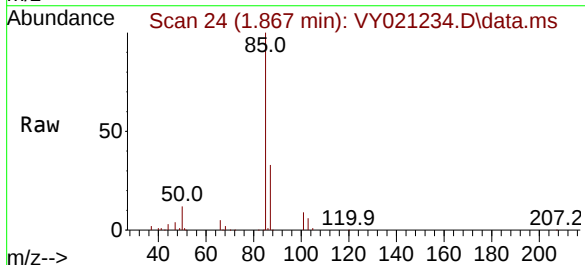
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MSVOA_Y
ClientSampleId :

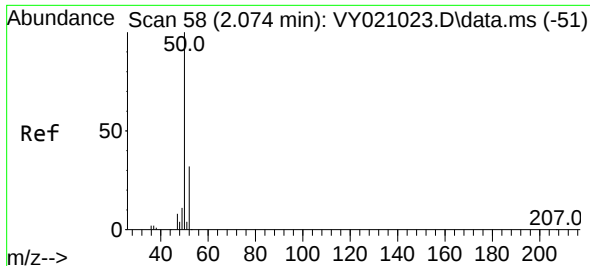
Tgt Ion:168 Resp: 179993
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 37.246 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 85 Resp: 59751
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.3

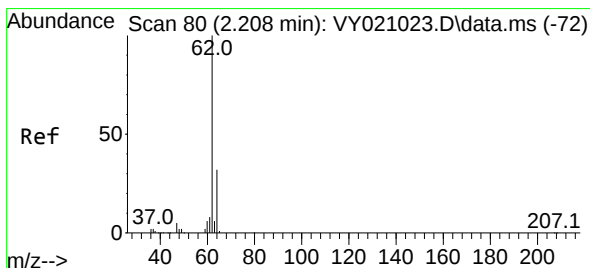
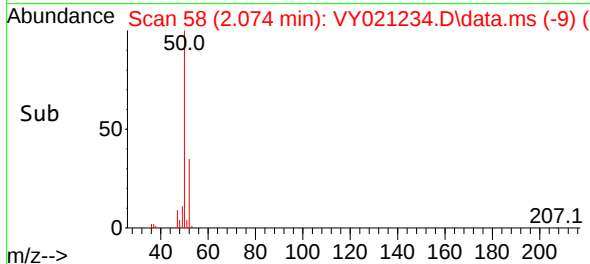
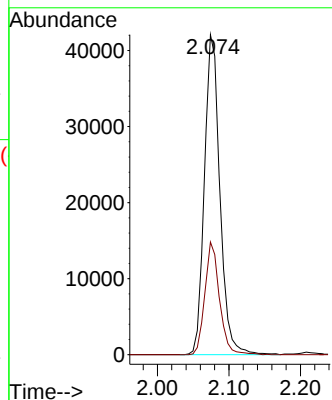
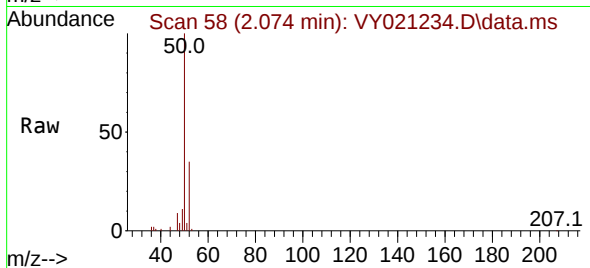




#3
Chloromethane
Concen: 40.059 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

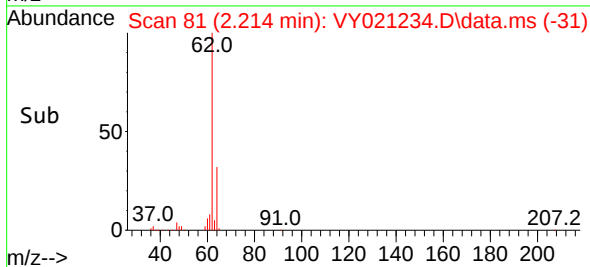
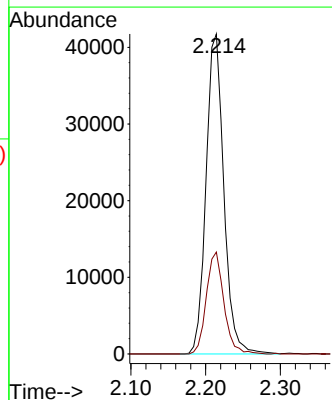
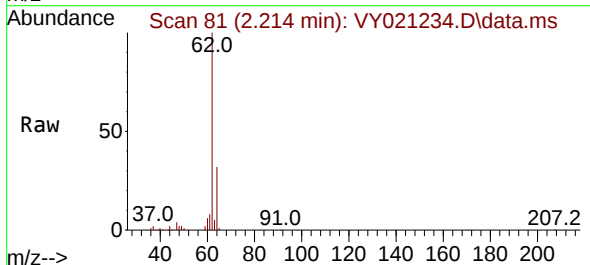
Instrument :
MSVOA_Y
ClientSampleId :

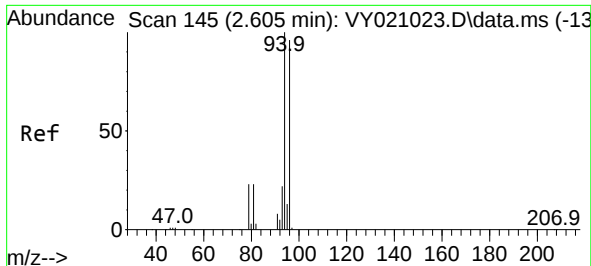
Tgt Ion: 50 Resp: 63415
Ion Ratio Lower Upper
50 100
52 35.2 26.7 40.1



#4
Vinyl Chloride
Concen: 43.247 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 62 Resp: 68908
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5

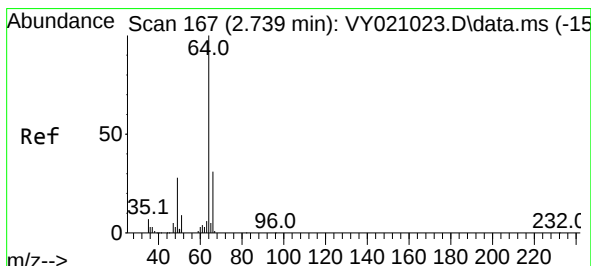
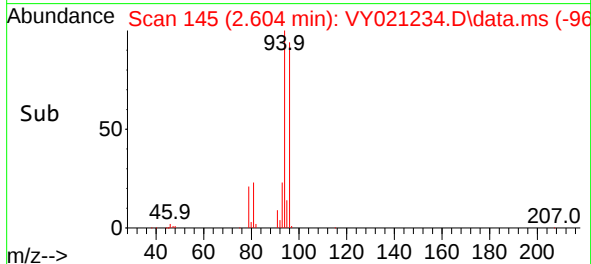
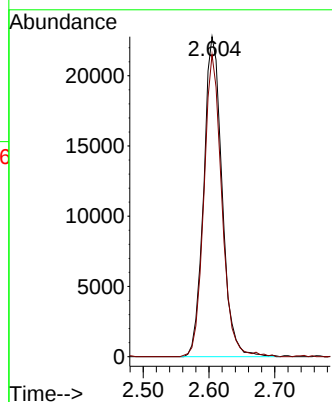
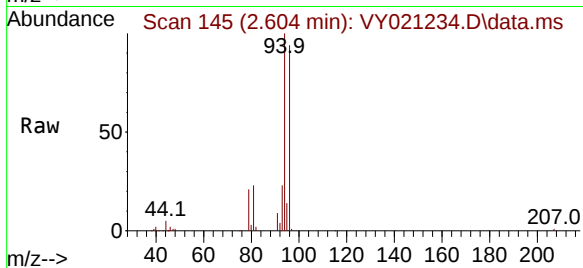




#5
Bromomethane
Concen: 44.896 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

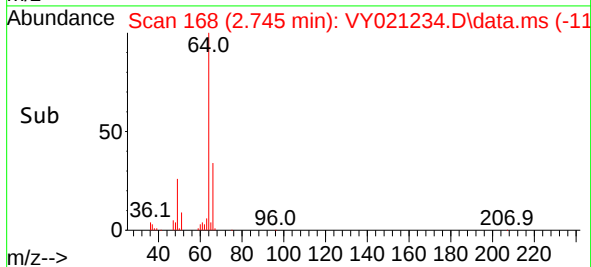
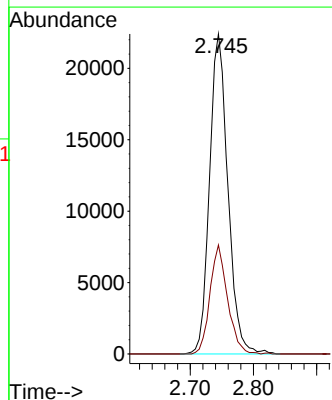
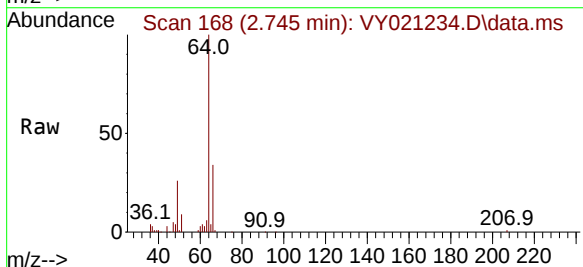
Instrument :
MSVOA_Y
ClientSampleId :

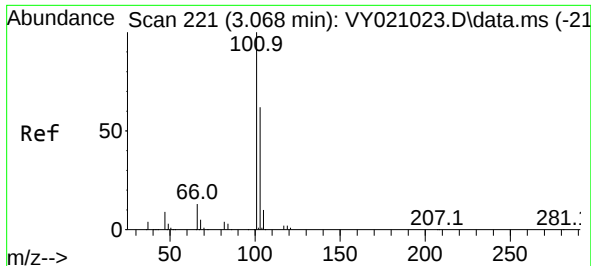
Tgt Ion: 94 Resp: 44214
Ion Ratio Lower Upper
94 100
96 94.4 77.3 115.9



#6
Chloroethane
Concen: 47.592 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 64 Resp: 45141
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7

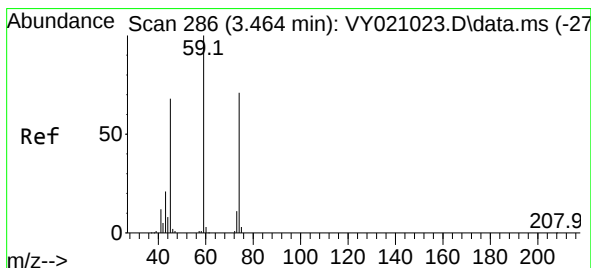
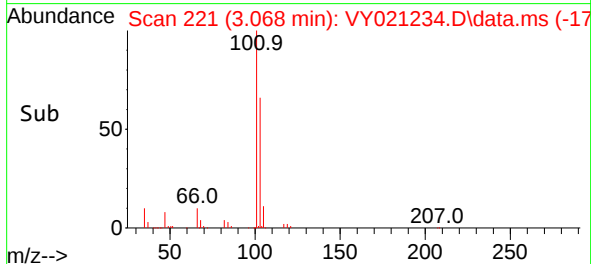
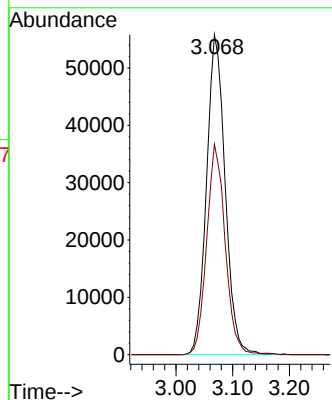
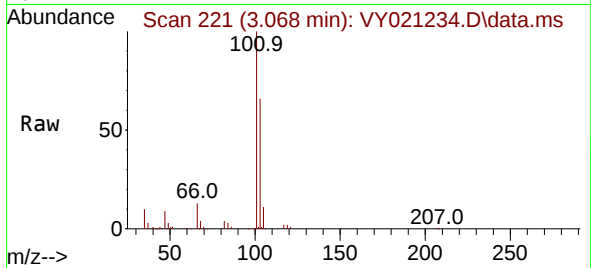




#7
 Trichlorofluoromethane
 Concen: 43.944 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

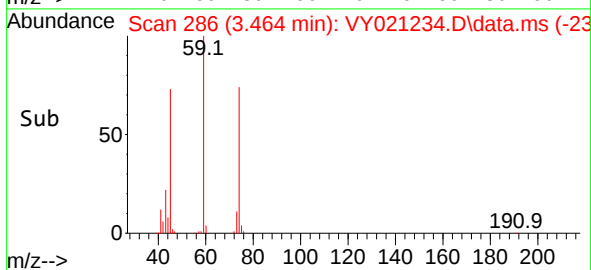
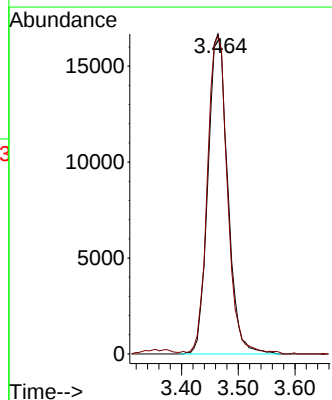
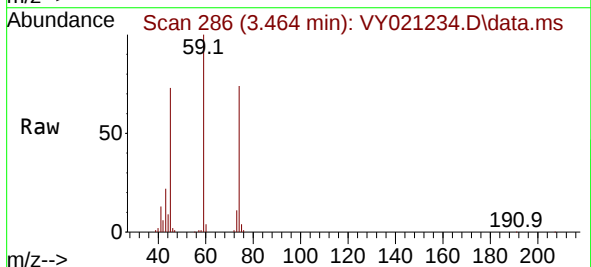
Instrument :
 MSVOA_Y
 ClientSampleId :

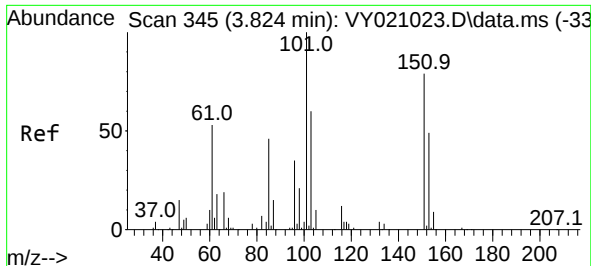
Tgt Ion:101 Resp: 127562
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 44.514 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

Tgt Ion: 74 Resp: 40339
 Ion Ratio Lower Upper
 74 100
 45 101.1 47.9 143.7

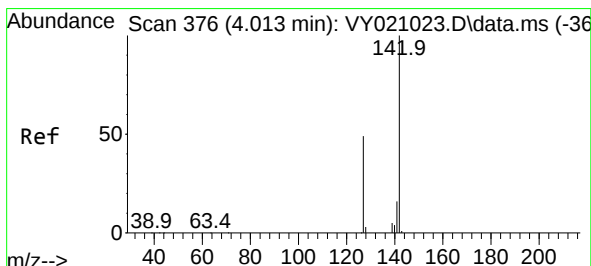
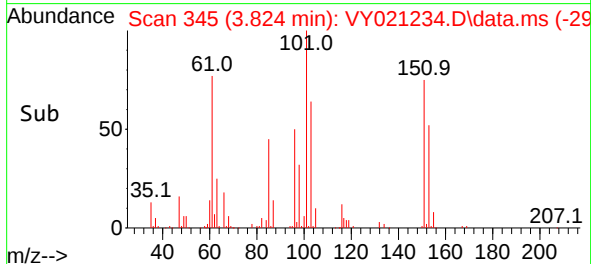
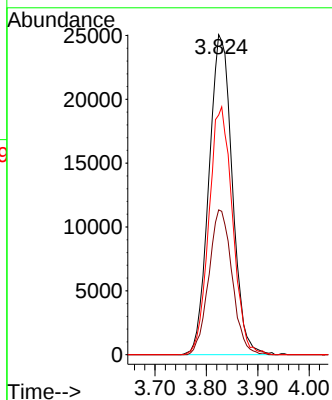
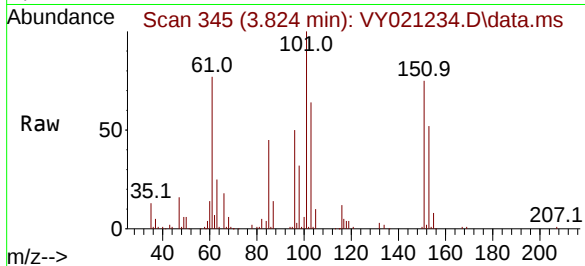




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.378 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021234.D
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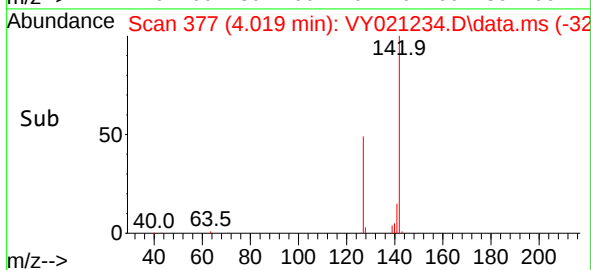
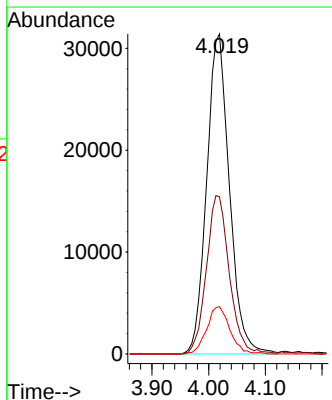
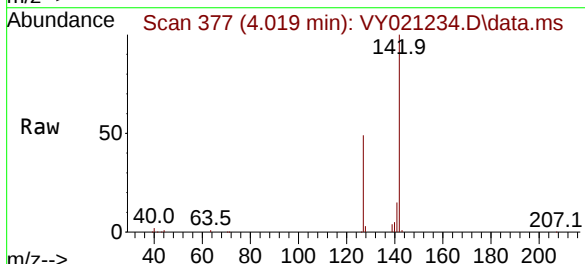
Instrument :
MSVOA_Y
ClientSampleId :

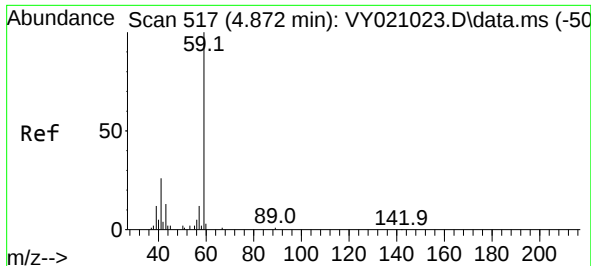
Tgt Ion:101 Resp: 79029
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 78.4 58.6 88.0



#10
Methyl Iodide
Concen: 43.255 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion:142 Resp: 87551
Ion Ratio Lower Upper
142 100
127 49.9 35.1 52.7
141 15.1 11.8 17.6

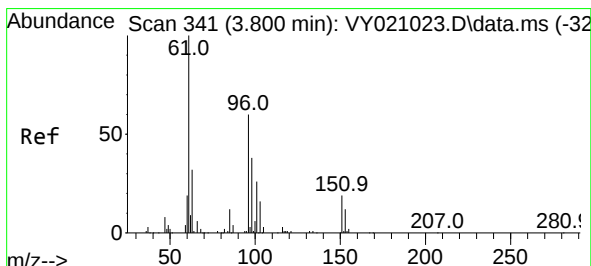
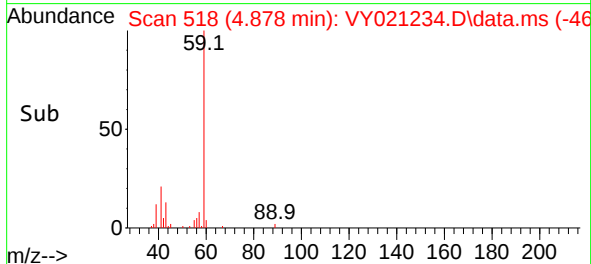
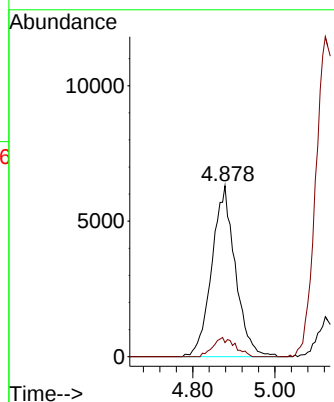
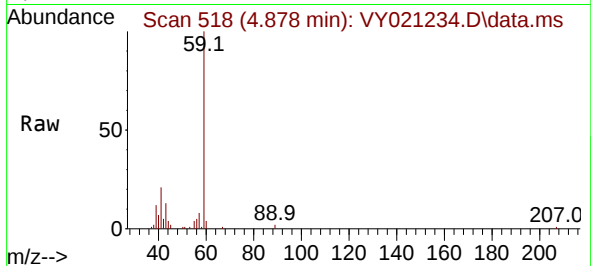




#11
Tert butyl alcohol
Concen: 200.486 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

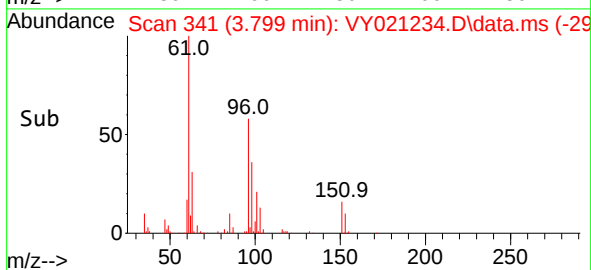
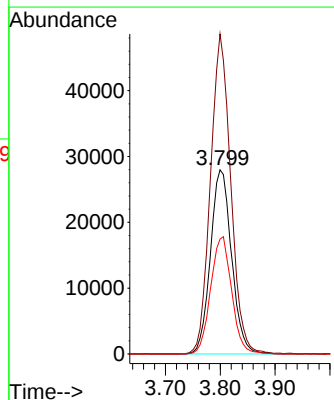
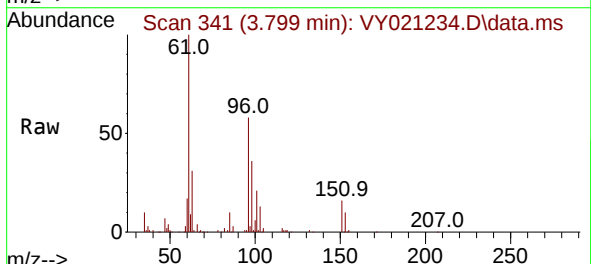
Instrument :
MSVOA_Y
ClientSampleId :

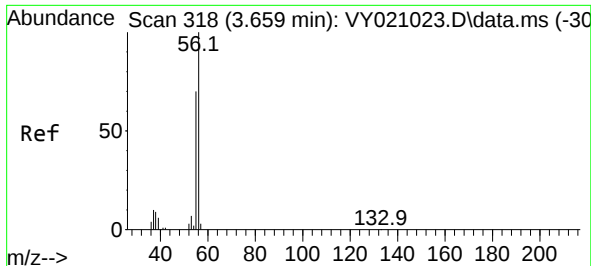
Tgt Ion: 59 Resp: 25055
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 43.723 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 96 Resp: 75038
Ion Ratio Lower Upper
96 100
61 173.8 124.2 186.2
98 62.4 52.6 79.0





#13

Acrolein

Concen: 176.454 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

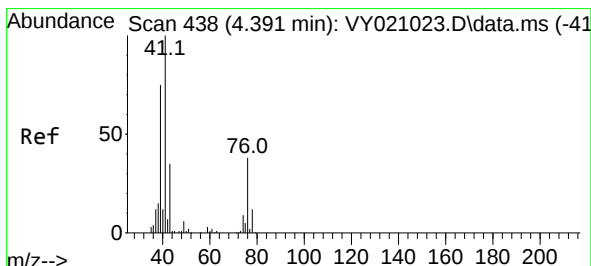
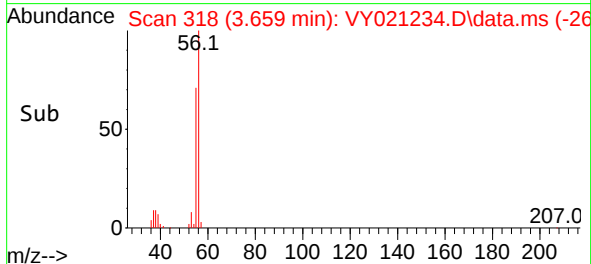
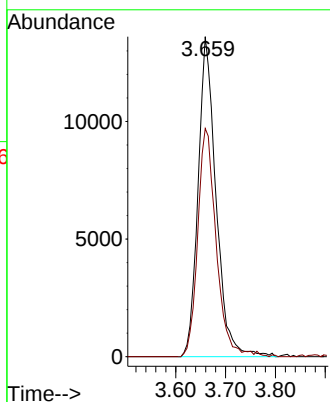
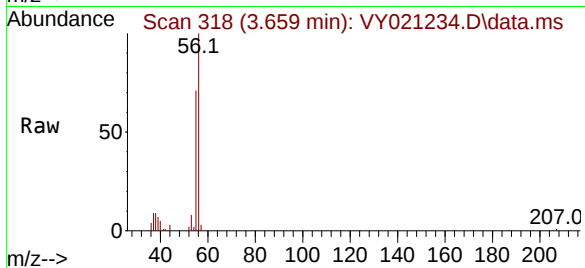
ClientSampleId :

Tgt Ion: 56 Resp: 33957

Ion Ratio Lower Upper

56 100

55 73.6 55.4 83.0



#14

Allyl chloride

Concen: 45.782 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

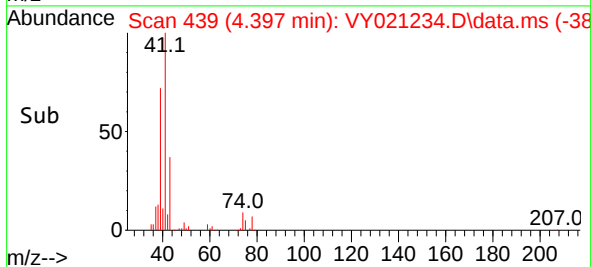
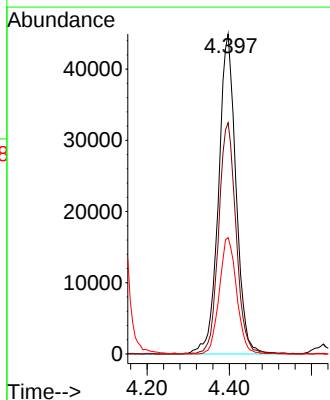
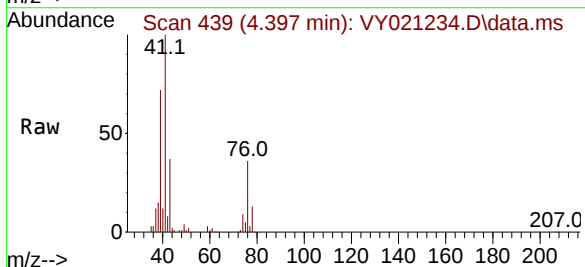
Tgt Ion: 41 Resp: 132419

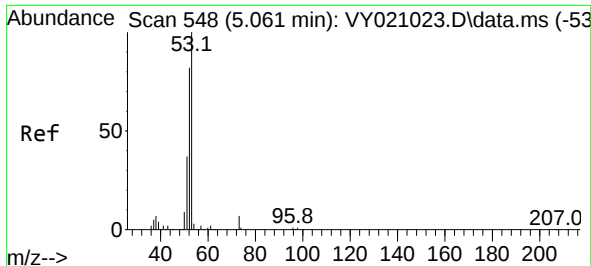
Ion Ratio Lower Upper

41 100

39 72.2 54.7 82.1

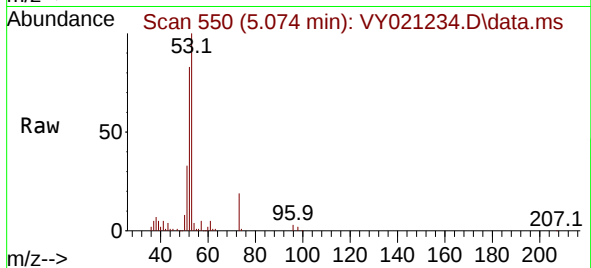
76 36.0 31.8 47.6



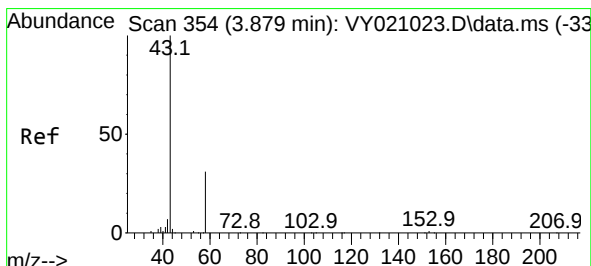
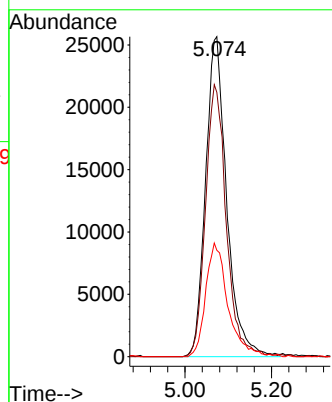
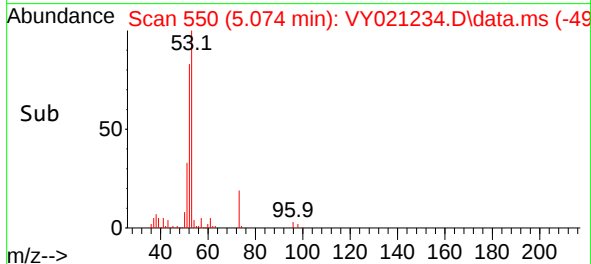


#15
Acrylonitrile
Concen: 230.206 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :

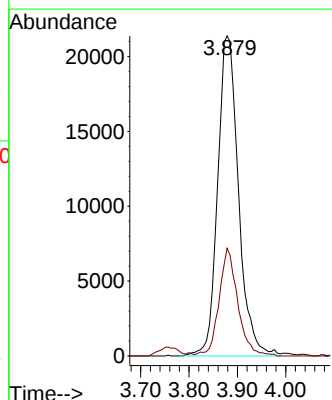
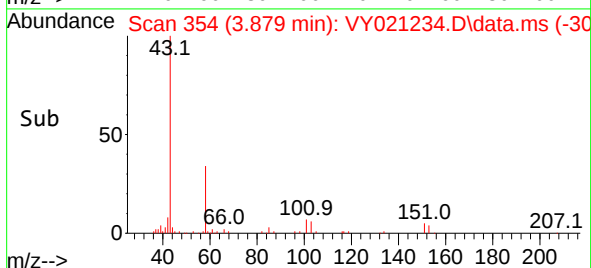
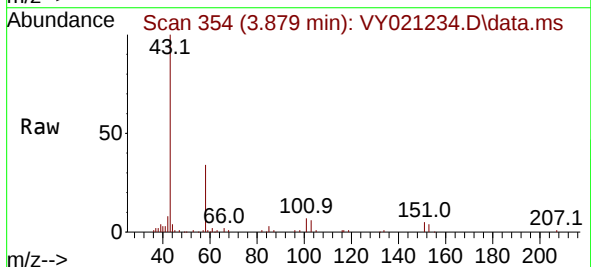


Tgt Ion: 53 Resp: 86870
Ion Ratio Lower Upper
53 100
52 83.5 65.1 97.7
51 37.5 29.0 43.4



#16
Acetone
Concen: 222.713 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 43 Resp: 64051
Ion Ratio Lower Upper
43 100
58 33.6 26.6 39.8

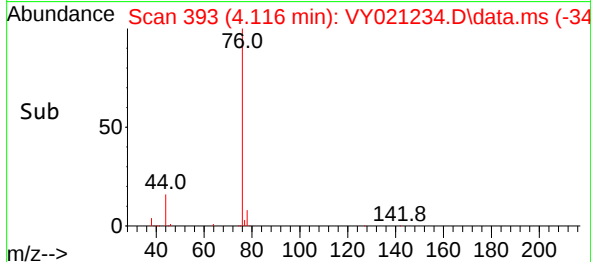
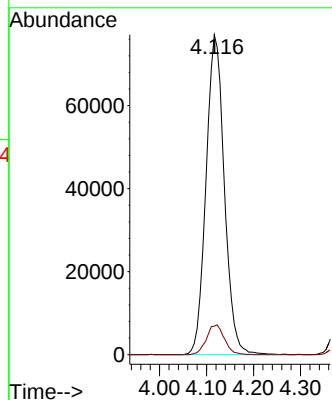
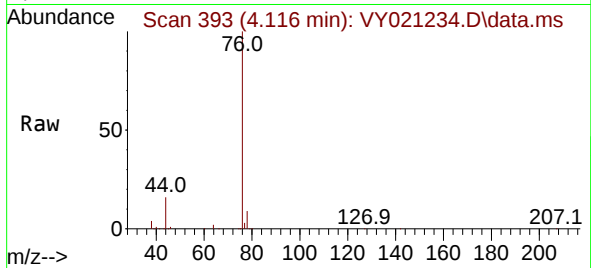




#17
Carbon Disulfide
Concen: 38.660 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

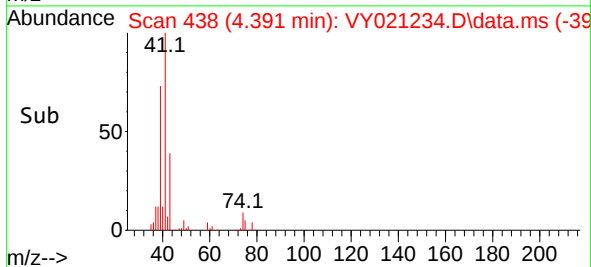
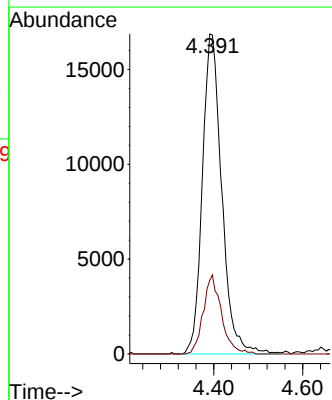
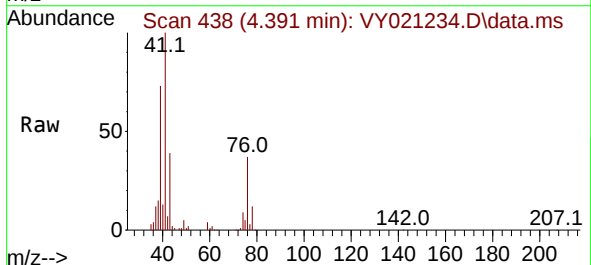
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 208049
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 50.756 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 43 Resp: 51242
Ion Ratio Lower Upper
43 100
74 23.1 19.8 29.6

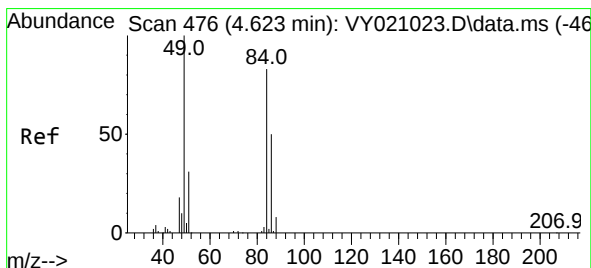
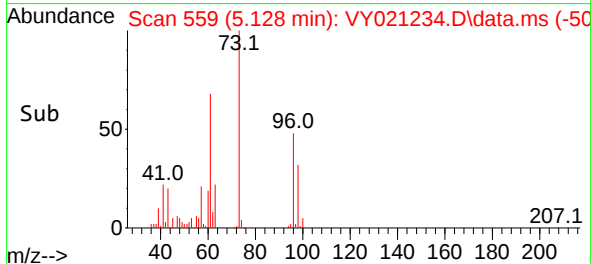
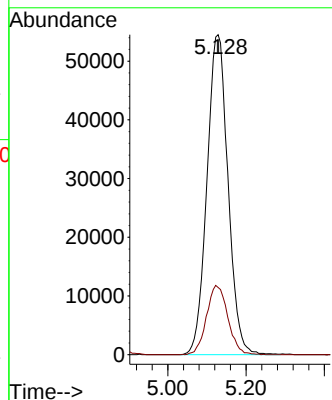
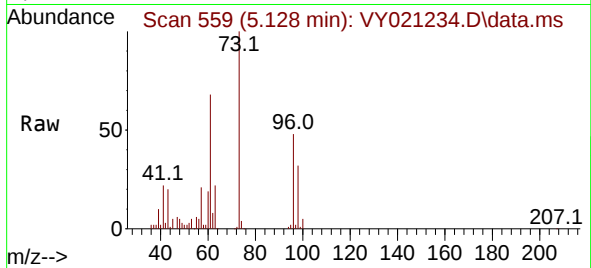




#19
Methyl tert-butyl Ether
Concen: 46.932 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

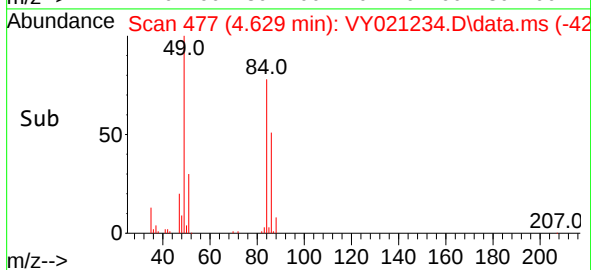
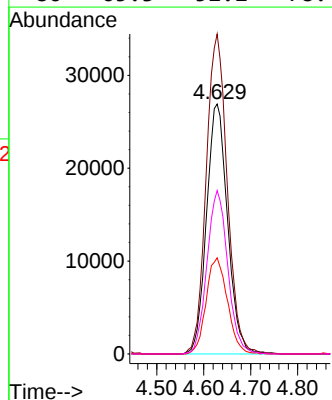
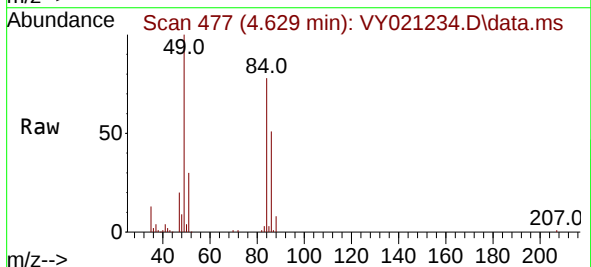
Instrument :
MSVOA_Y
ClientSampleId :

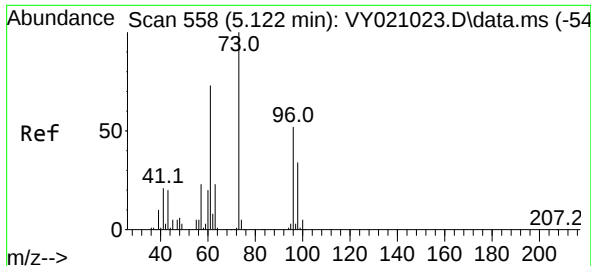
Tgt Ion: 73 Resp: 203579
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 46.876 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 84 Resp: 83807
Ion Ratio Lower Upper
84 100
49 128.0 95.2 142.8
51 38.5 29.9 44.9
86 65.3 52.2 78.4

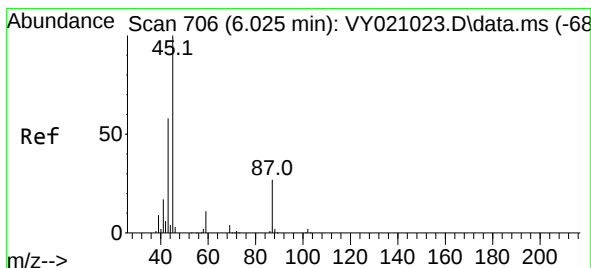
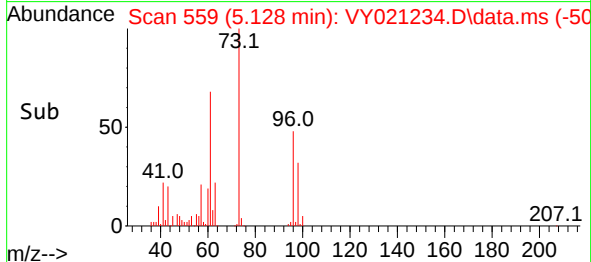
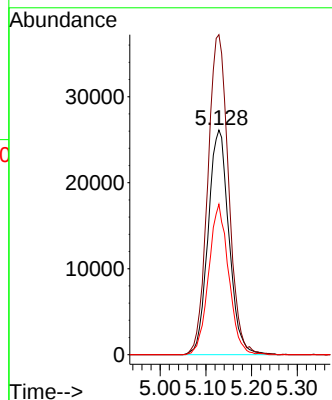
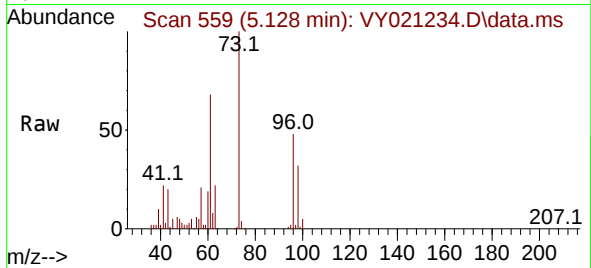




#21
trans-1,2-Dichloroethene
Concen: 43.848 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

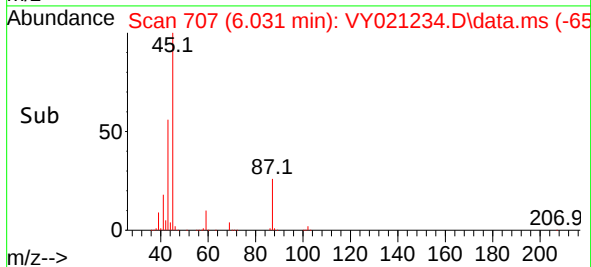
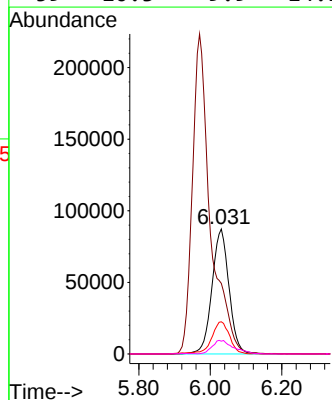
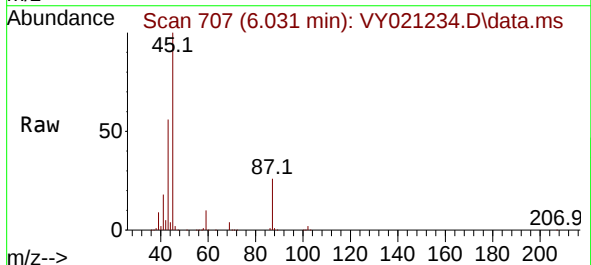
Instrument :
MSVOA_Y
ClientSampleId :

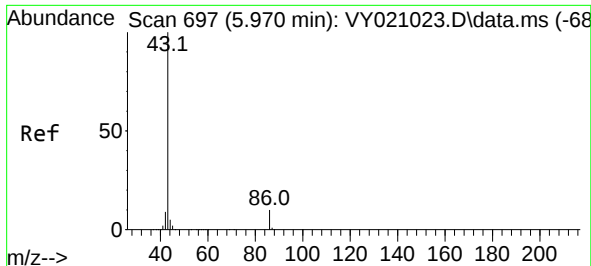
Tgt Ion: 96 Resp: 82834
Ion Ratio Lower Upper
96 100
61 142.4 104.6 156.8
98 67.0 50.9 76.3



#22
Diisopropyl ether
Concen: 48.314 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 45 Resp: 288041
Ion Ratio Lower Upper
45 100
43 56.2 46.8 70.2
87 25.7 22.2 33.2
59 10.3 9.9 14.9

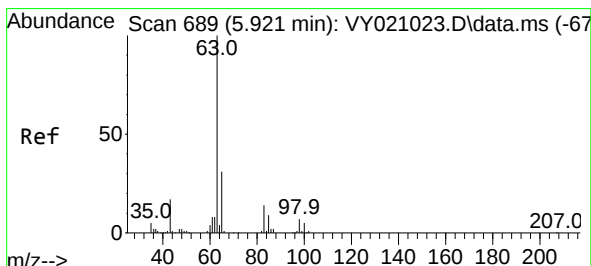
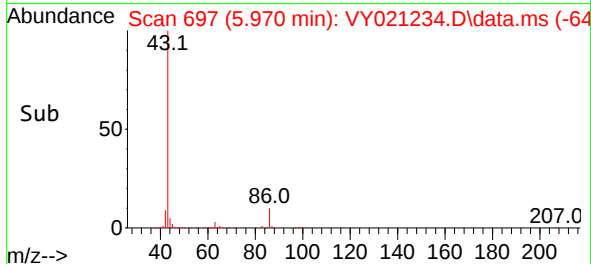
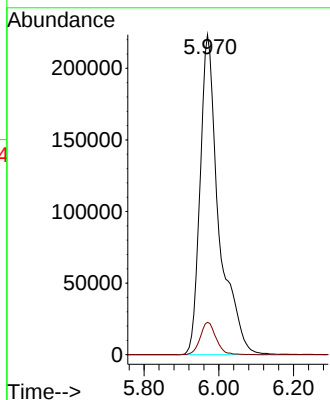
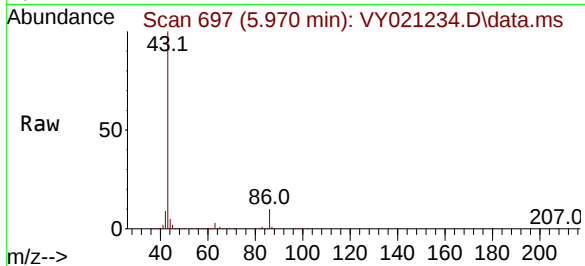




#23
 Vinyl Acetate
 Concen: 234.652 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

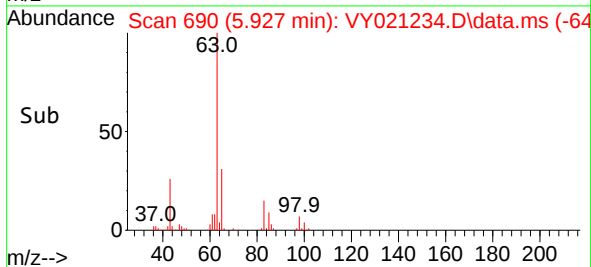
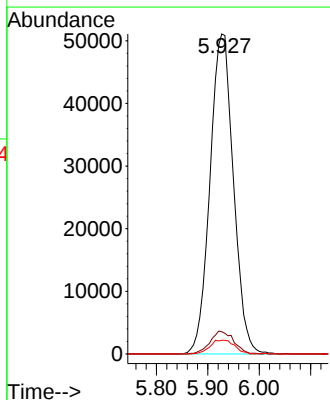
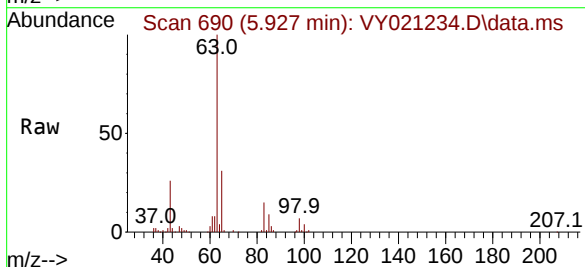
Instrument :
 MSVOA_Y
 ClientSampleId :

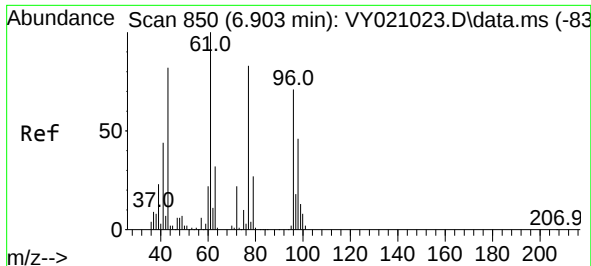
Tgt Ion: 43 Resp: 779862
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.384 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

Tgt Ion: 63 Resp: 162017
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 235.870 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

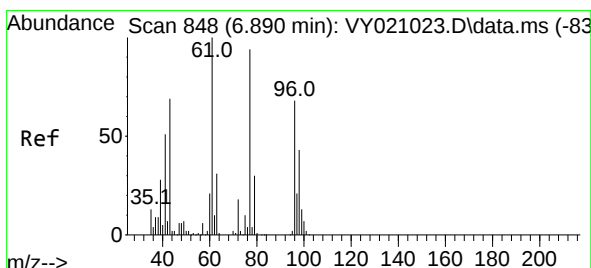
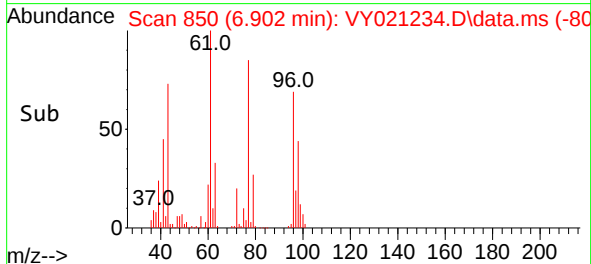
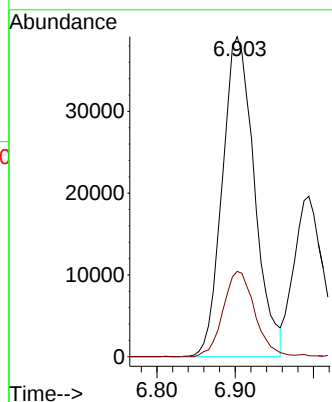
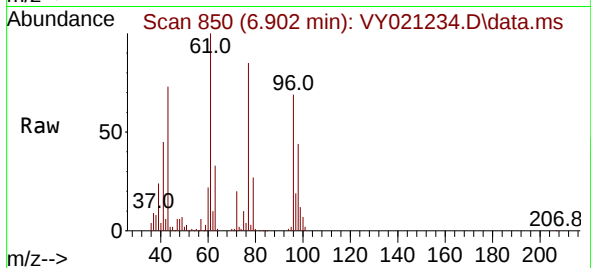
ClientSampleId :

Tgt Ion: 43 Resp: 111471

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.154 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021234.D

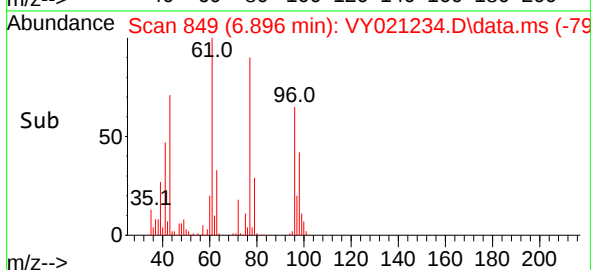
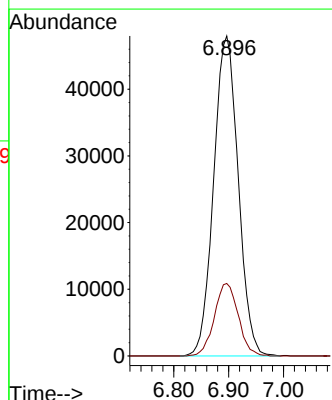
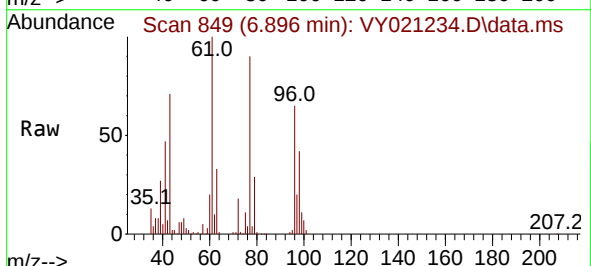
Acq: 18 Feb 2025 16:55

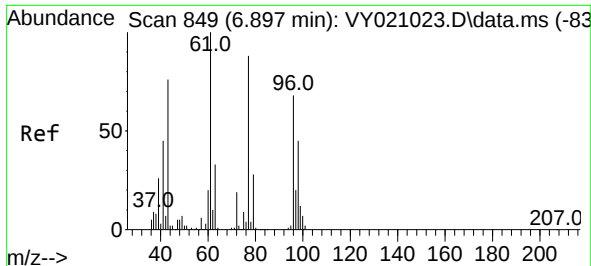
Tgt Ion: 77 Resp: 149168

Ion Ratio Lower Upper

77 100

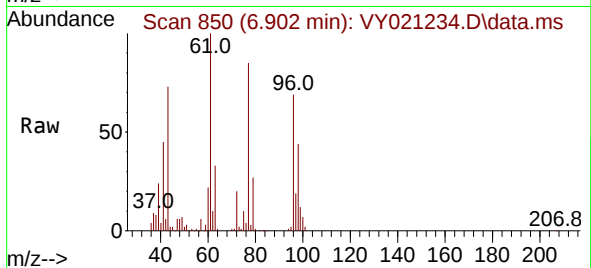
97 22.1 11.7 35.0



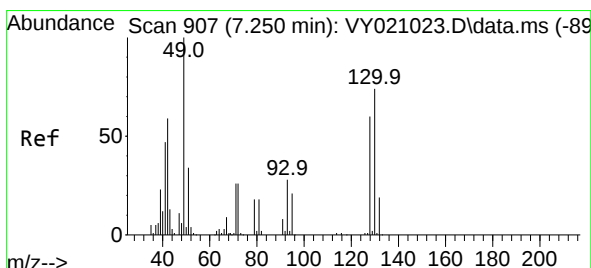
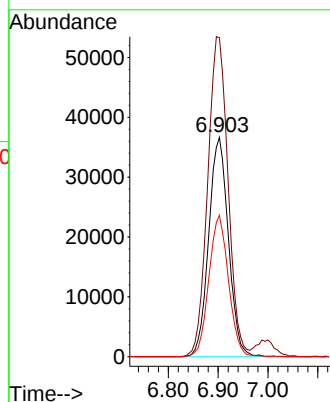
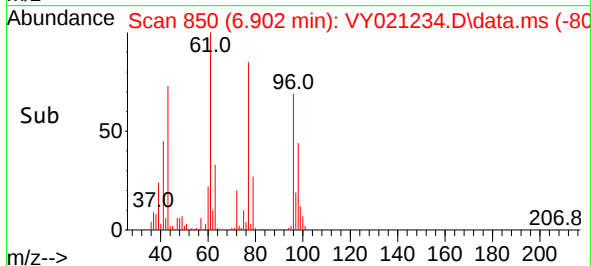


#27
 cis-1,2-Dichloroethene
 Concen: 46.267 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

Instrument :
 MSVOA_Y
 ClientSampleId :

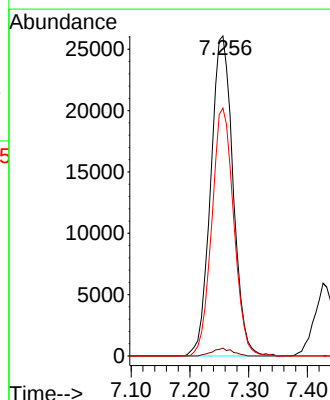
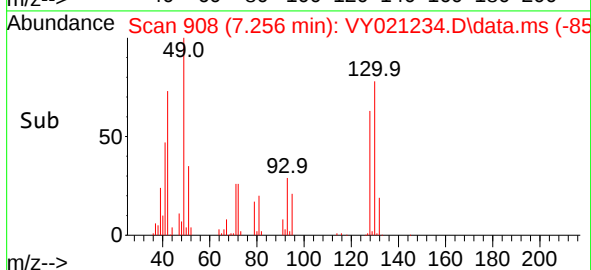
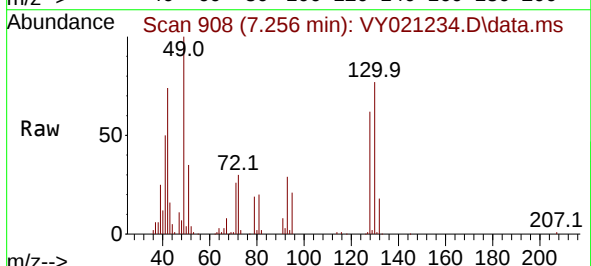


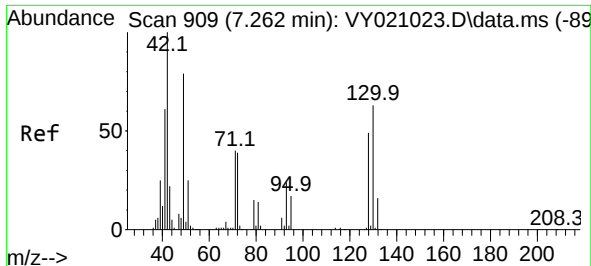
Tgt Ion: 96 Resp: 100603
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 278.8
 98 64.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 49.795 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

Tgt Ion: 49 Resp: 68777
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 76.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 232.857 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021234.D

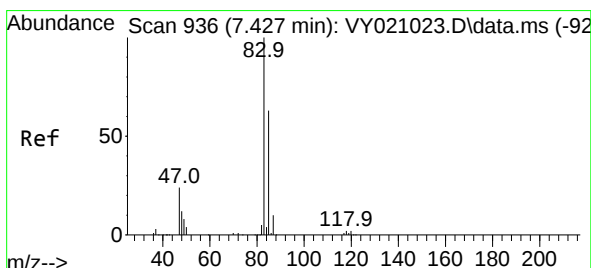
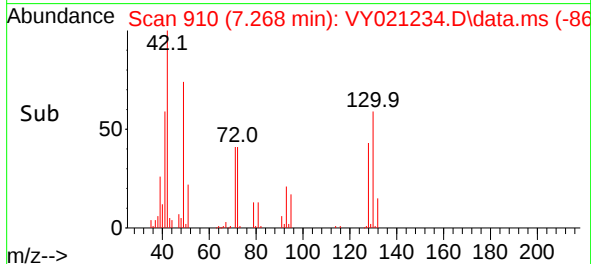
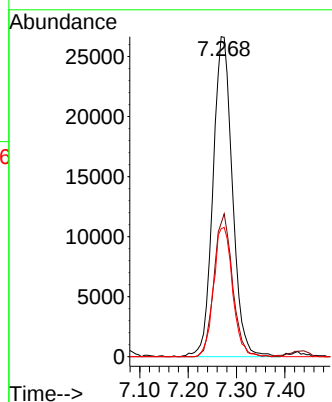
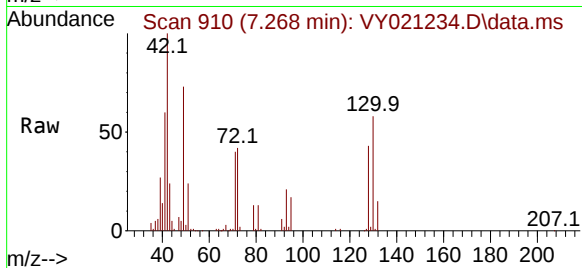
Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	74465
Ion	Ratio	Lower	Upper
42	100		
72	42.3	36.6	54.8
71	39.4	33.8	50.6



#30

Chloroform

Concen: 46.298 ug/l

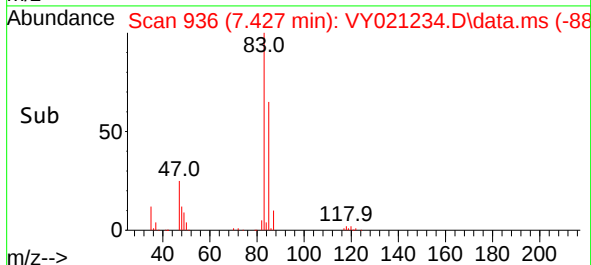
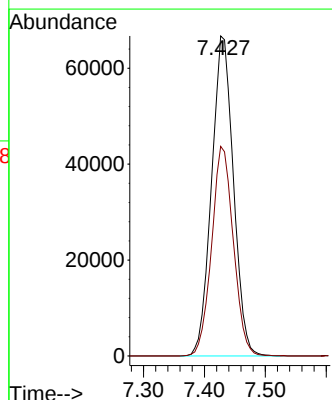
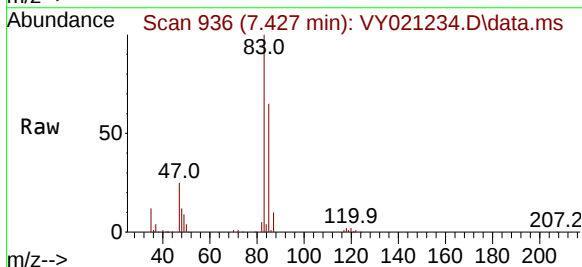
RT: 7.427 min Scan# 936

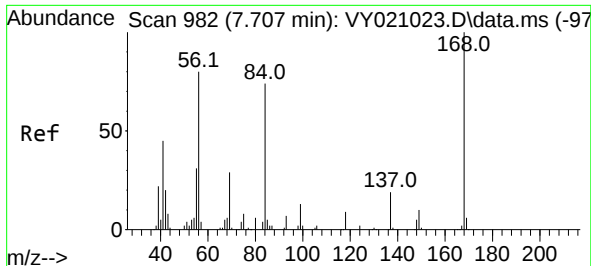
Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

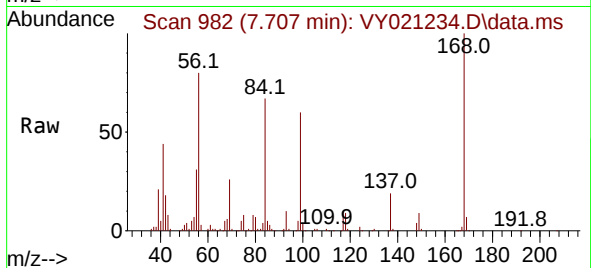
Tgt Ion:	83	Resp:	166108
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8



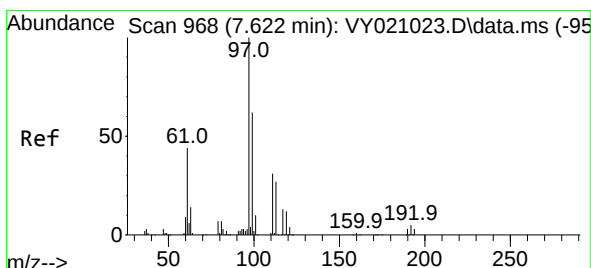
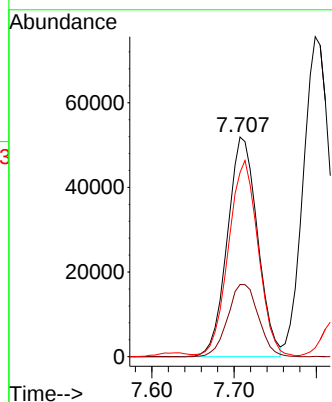
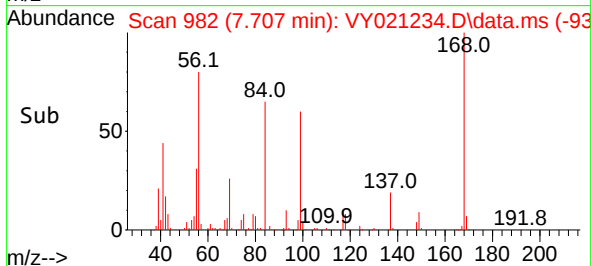


#31
Cyclohexane
Concen: 42.044 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :

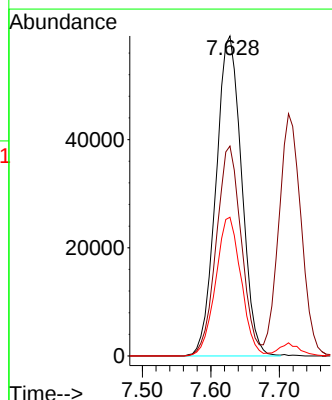
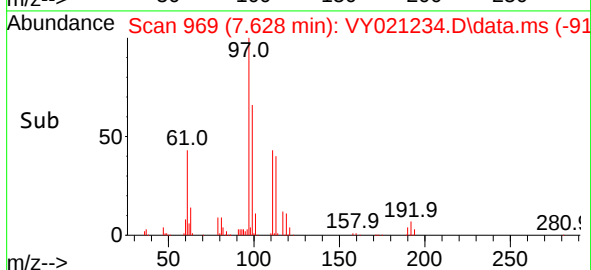
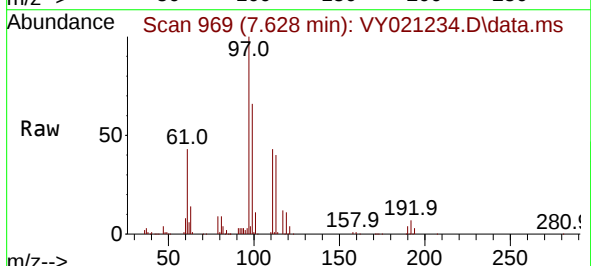


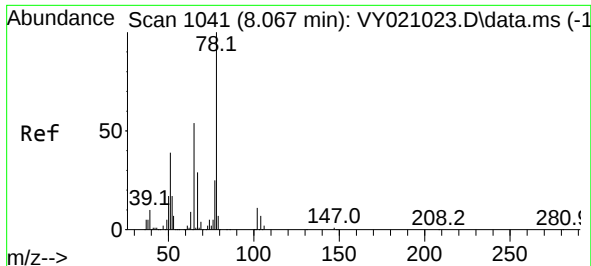
Tgt Ion: 56 Resp: 132248
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.6
84 82.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.064 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 97 Resp: 153654
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 43.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.283 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

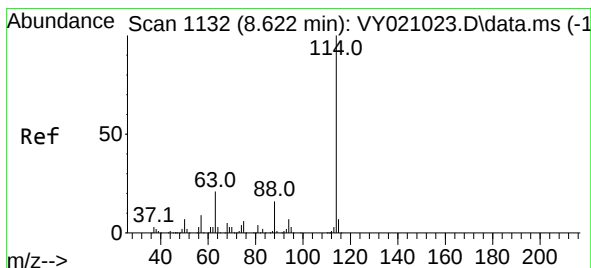
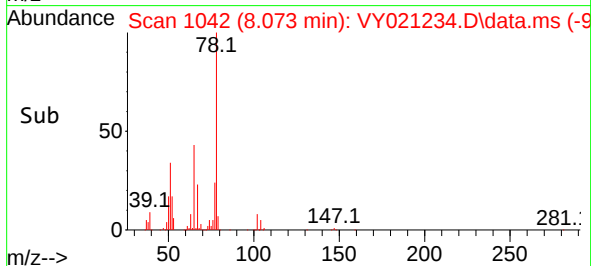
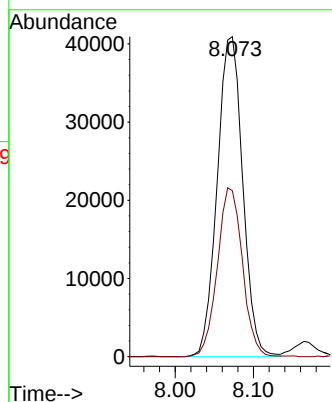
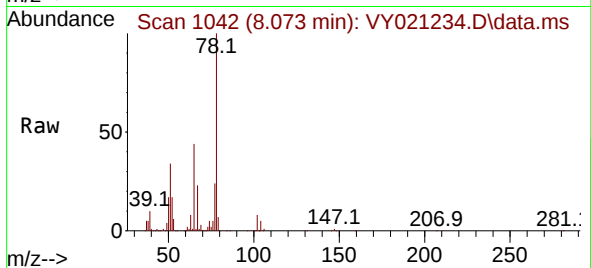
ClientSampleId :

Tgt Ion: 65 Resp: 92731

Ion Ratio Lower Upper

65 100

67 51.9 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: VY021234.D

Acq: 18 Feb 2025 16:55

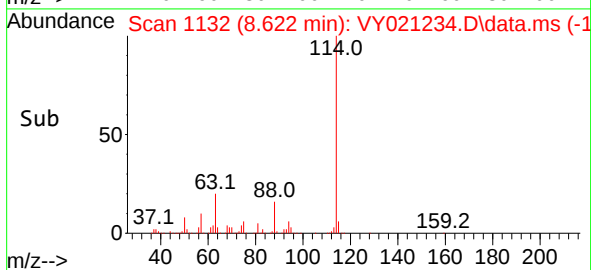
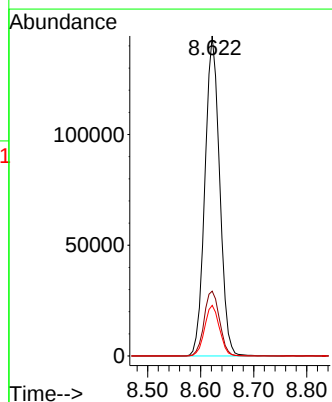
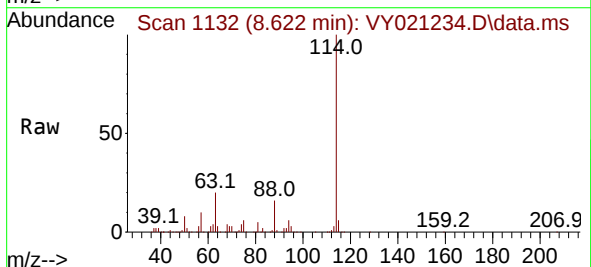
Tgt Ion: 114 Resp: 278519

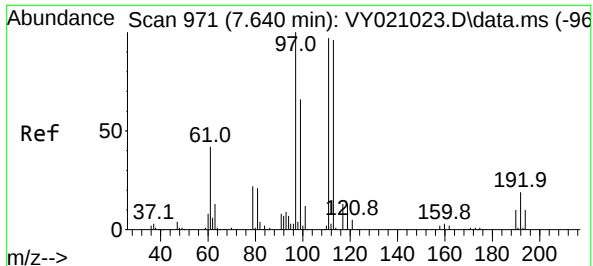
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.8 0.0 29.0

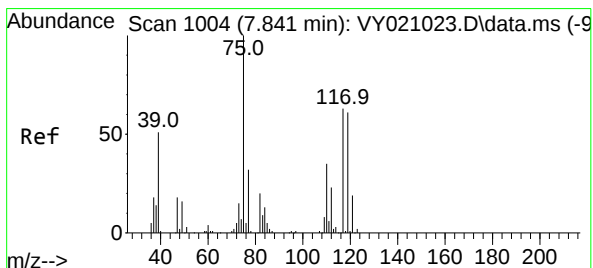
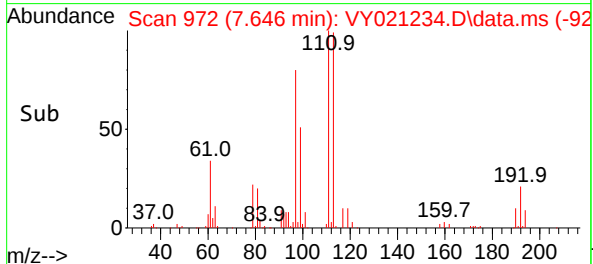
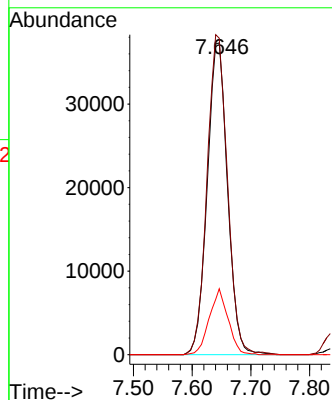
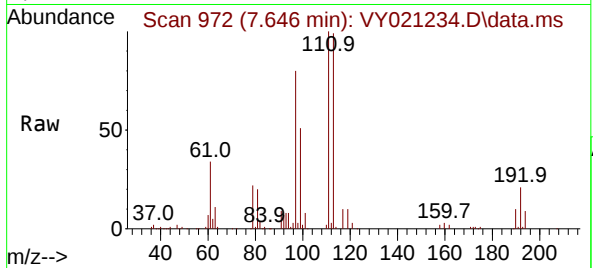




#35
Dibromofluoromethane
Concen: 50.217 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

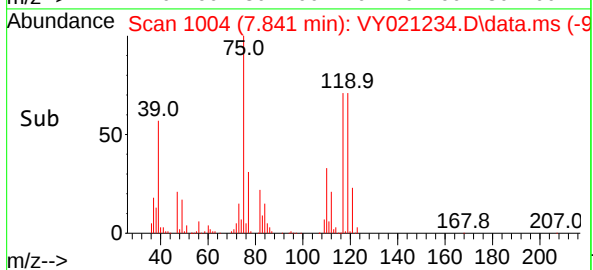
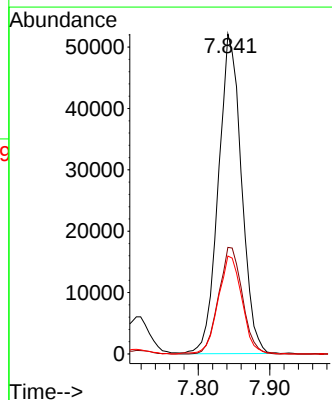
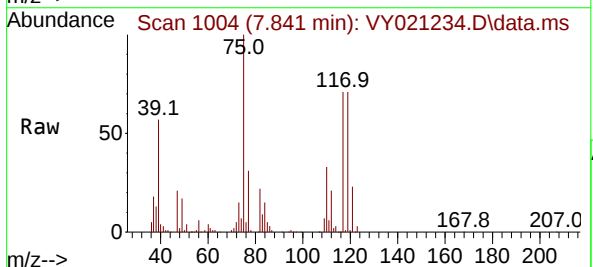
Instrument :
MSVOA_Y
ClientSampleId :

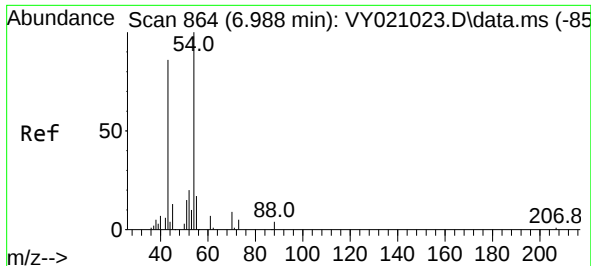
Tgt Ion:113 Resp: 89634
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 19.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 44.183 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 75 Resp: 116811
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.3
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 44.860 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

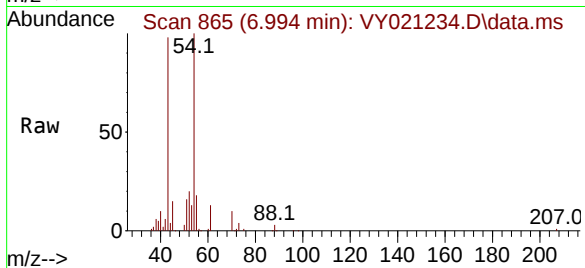
Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :



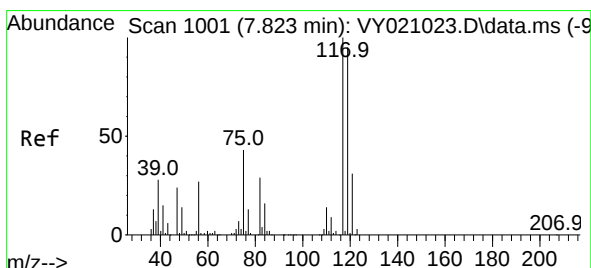
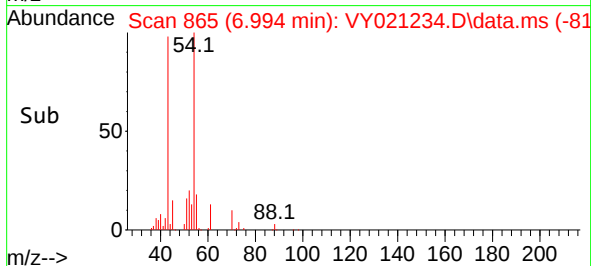
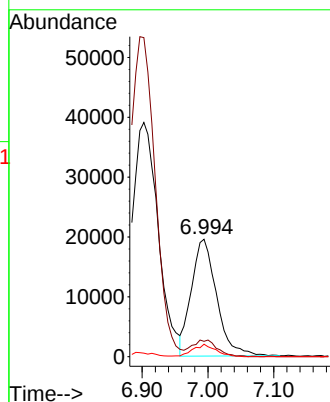
Tgt Ion: 43 Resp: 52029

Ion Ratio Lower Upper

43 100

61 14.2 11.0 16.6

70 9.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 44.619 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

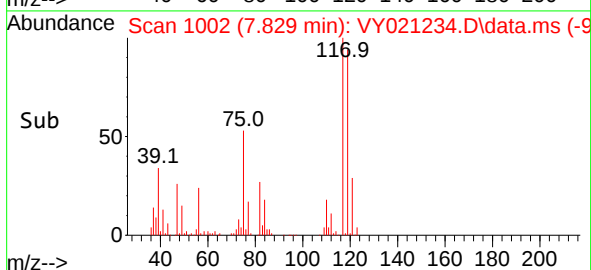
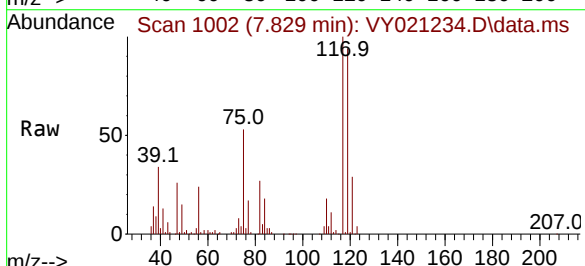
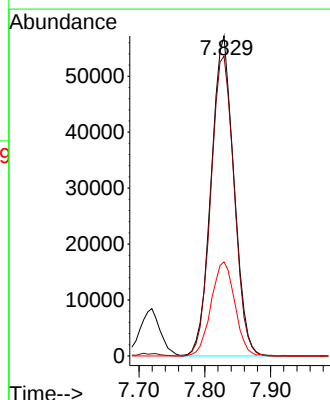
Tgt Ion: 117 Resp: 137836

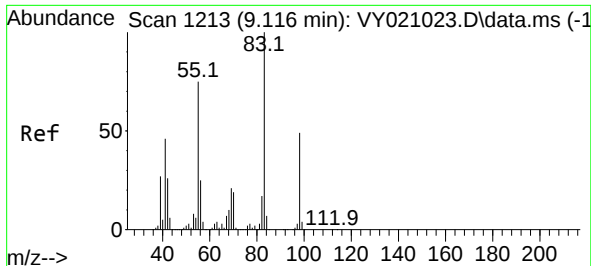
Ion Ratio Lower Upper

117 100

119 93.8 76.0 114.0

121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 44.876 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

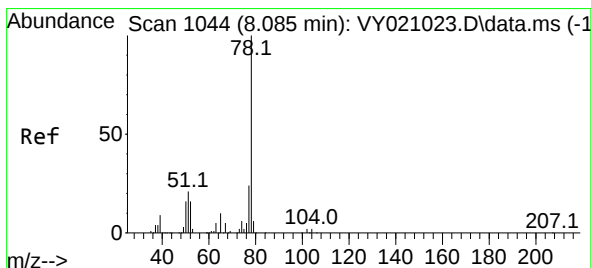
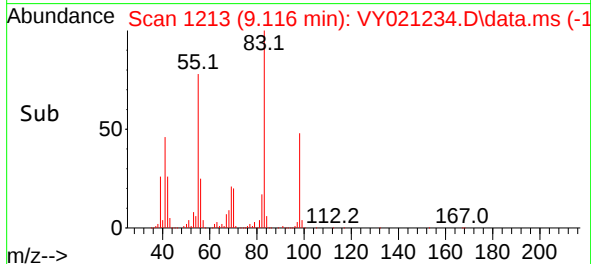
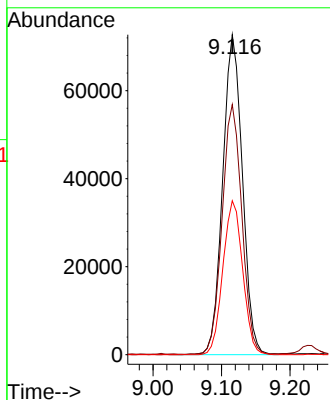
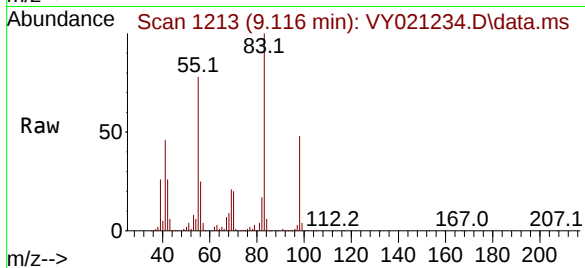
Tgt Ion: 83 Resp: 145124

Ion Ratio Lower Upper

83 100

55 78.0 59.7 89.5

98 48.1 38.0 57.0



#40

Benzene

Concen: 45.758 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021234.D

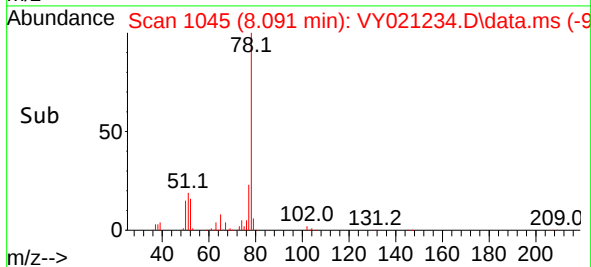
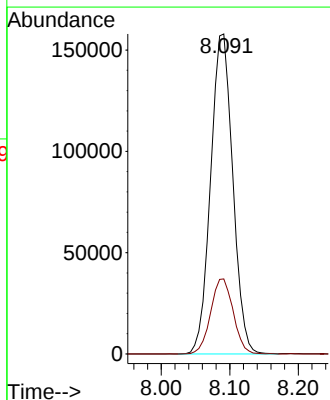
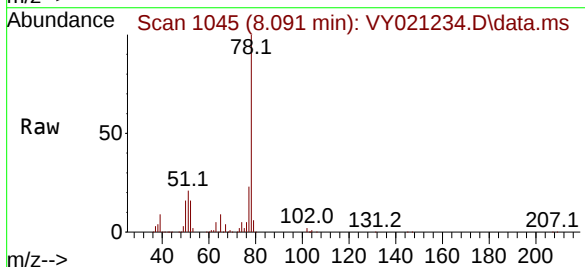
Acq: 18 Feb 2025 16:55

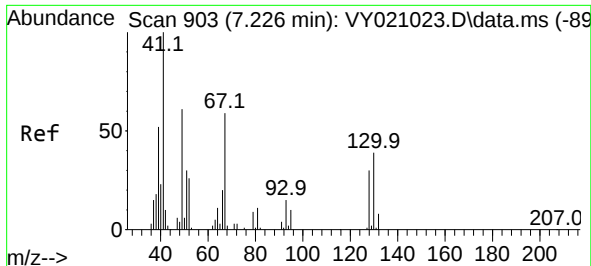
Tgt Ion: 78 Resp: 355020

Ion Ratio Lower Upper

78 100

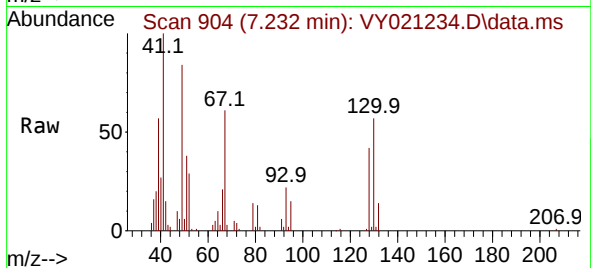
77 23.5 18.8 28.2



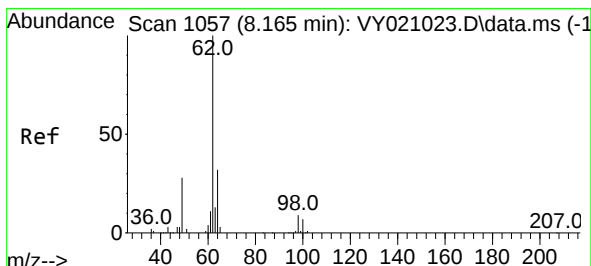
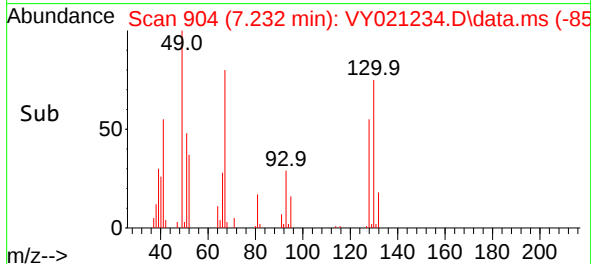
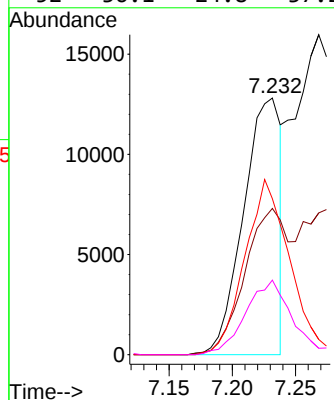


#41
Methacrylonitrile
Concen: 39.294 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :

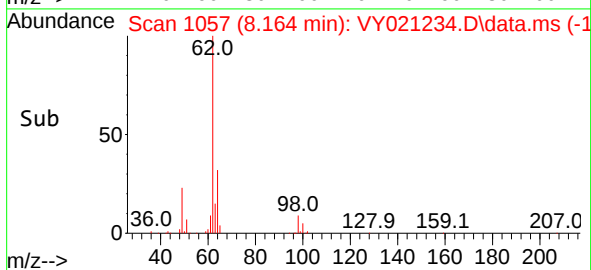
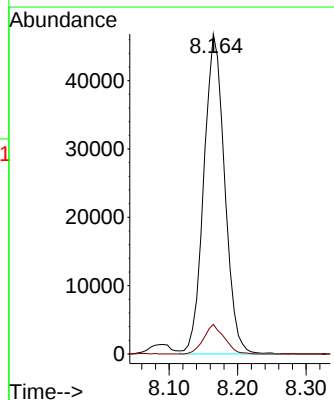
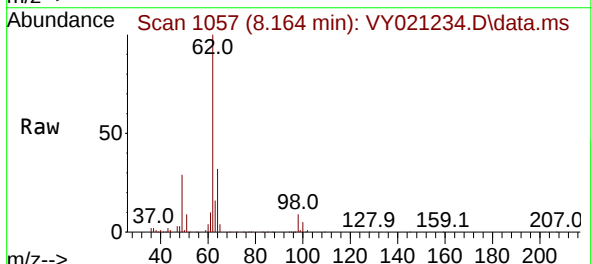


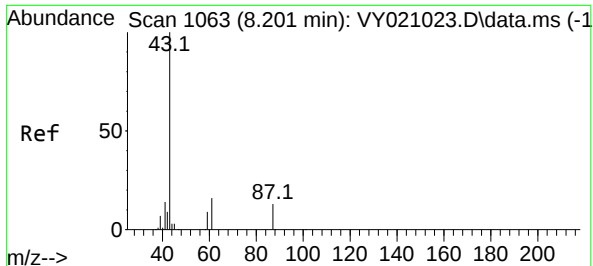
Tgt Ion:	41	Resp:	26366
Ion Ratio	Lower	Upper	
41	100		
39	63.5	41.9	62.9#
67	83.0	59.8	89.6
52	36.1	24.8	37.2



#42
1,2-Dichloroethane
Concen: 46.067 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion:	62	Resp:	99148
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.463 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

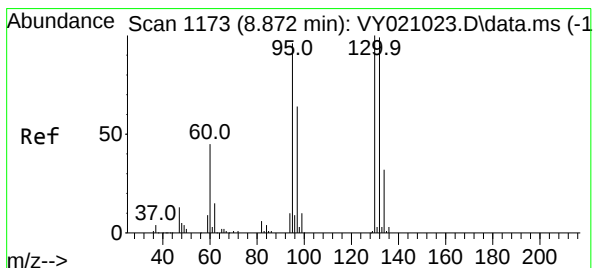
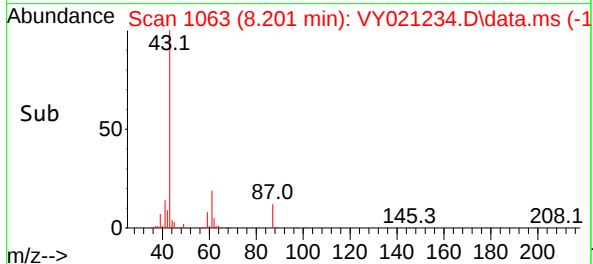
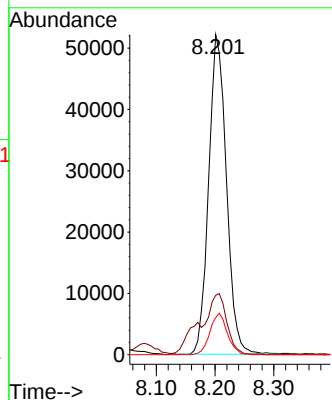
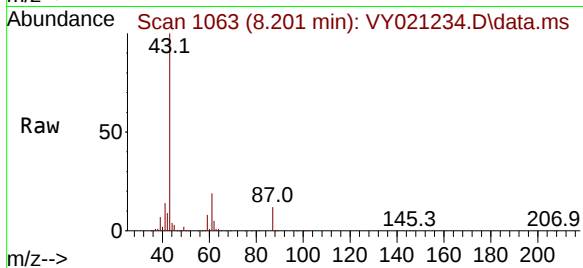
Tgt Ion: 43 Resp: 109382

Ion Ratio Lower Upper

43 100

61 28.7 24.8 37.2

87 12.6 10.7 16.1



#44

Trichloroethene

Concen: 44.984 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY021234.D

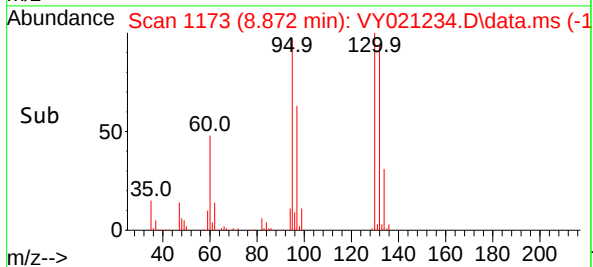
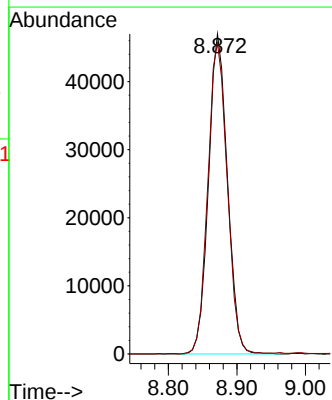
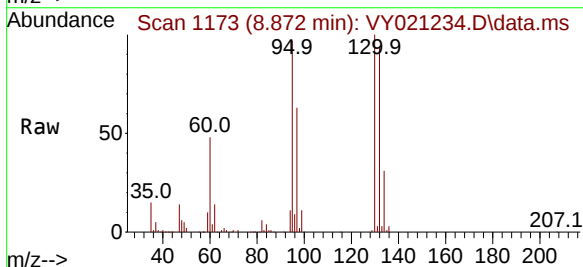
Acq: 18 Feb 2025 16:55

Tgt Ion:130 Resp: 90171

Ion Ratio Lower Upper

130 100

95 97.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 46.924 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

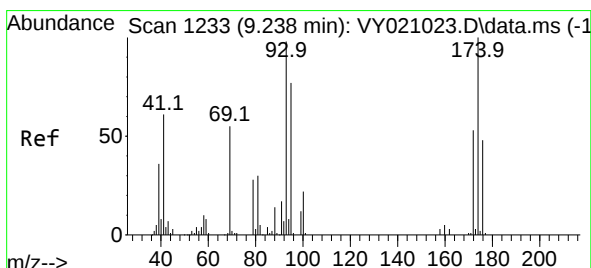
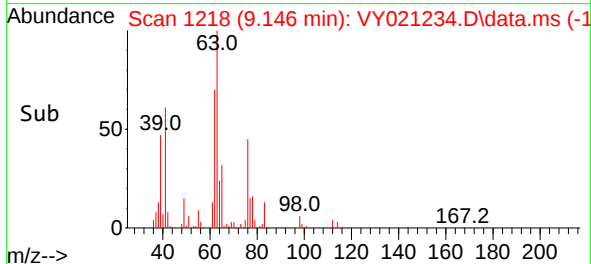
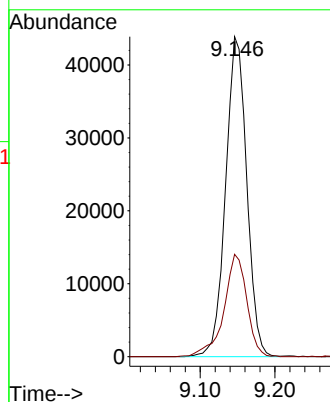
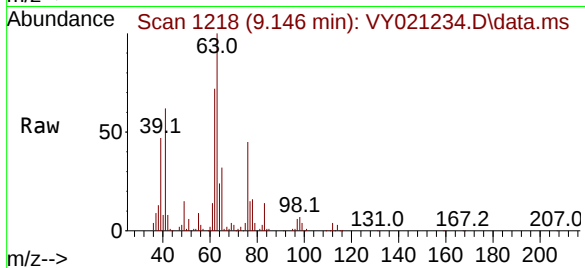
ClientSampleId :

Tgt Ion: 63 Resp: 86411

Ion Ratio Lower Upper

63 100

65 32.0 24.6 36.8



#46

Dibromomethane

Concen: 45.602 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

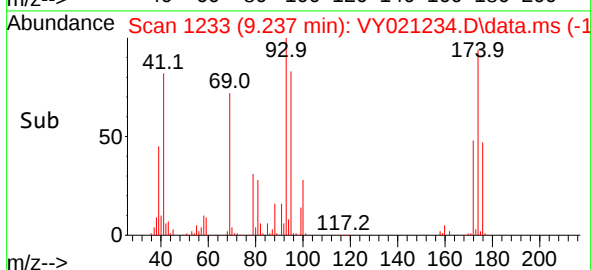
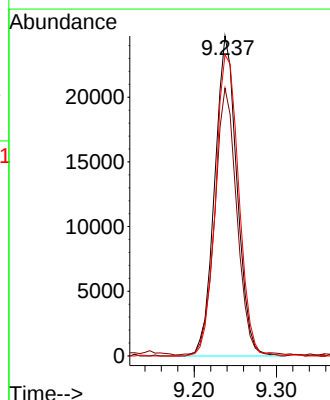
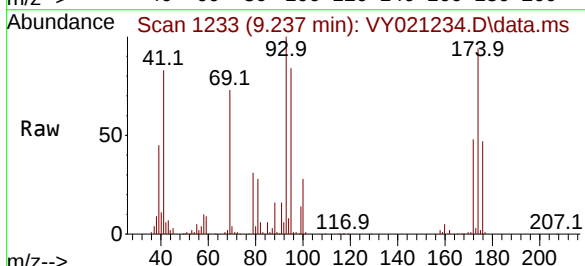
Tgt Ion: 93 Resp: 46496

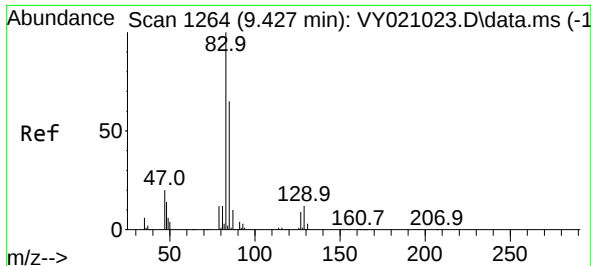
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 98.7 73.8 110.6

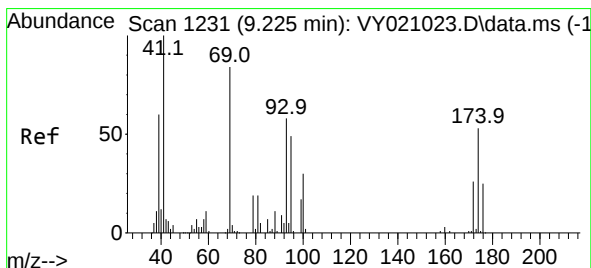
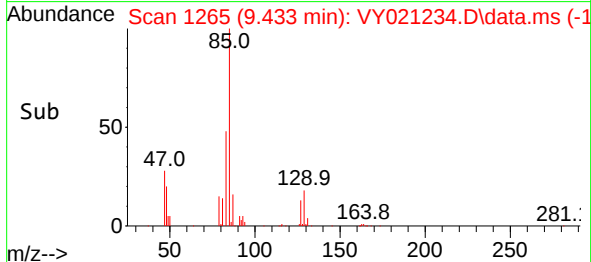
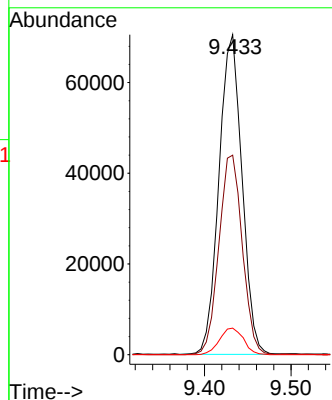
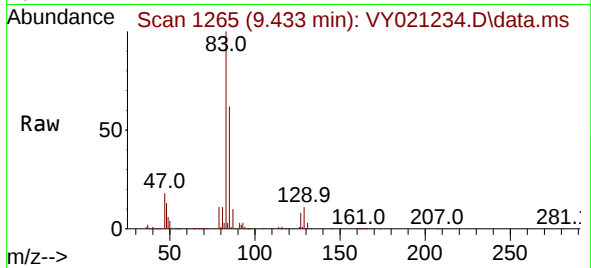




#47
Bromodichloromethane
Concen: 47.572 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

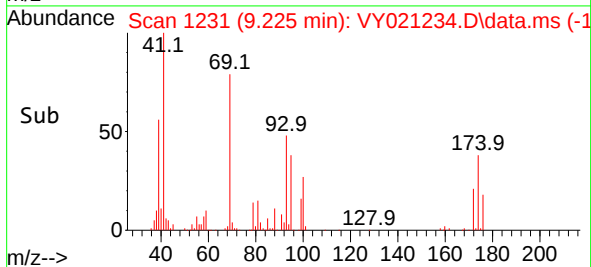
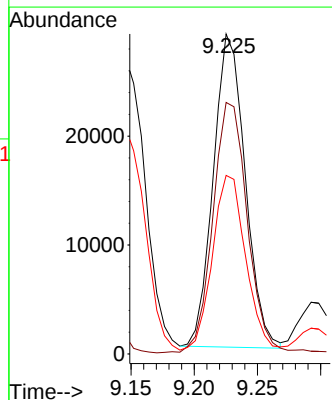
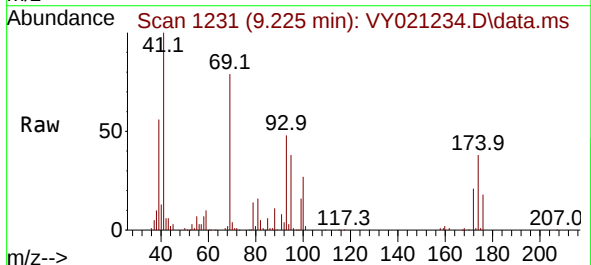
Instrument :
MSVOA_Y
ClientSampleId :

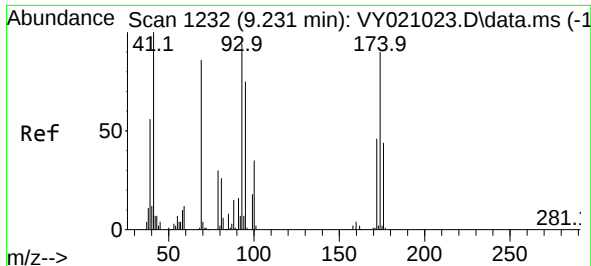
Tgt Ion: 83 Resp: 130086
Ion Ratio Lower Upper
83 100
85 62.4 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 47.957 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 41 Resp: 50343
Ion Ratio Lower Upper
41 100
69 86.9 72.1 108.1
39 58.2 42.8 64.2





#49

1,4-Dioxane

Concen: 979.059 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

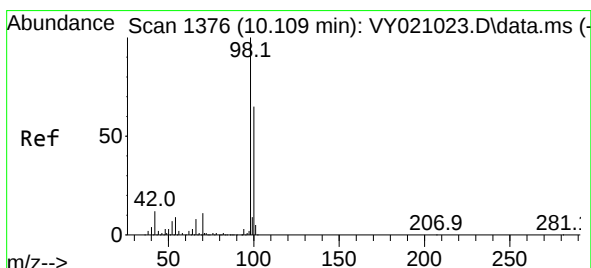
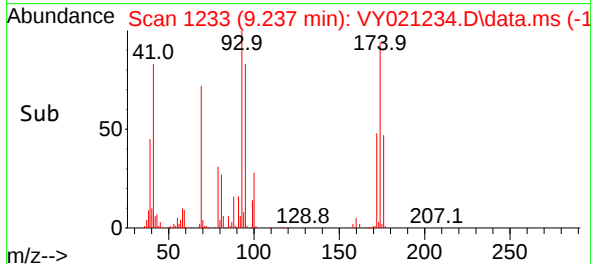
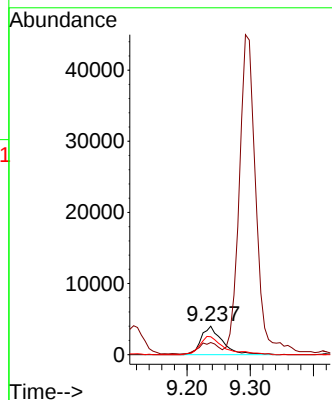
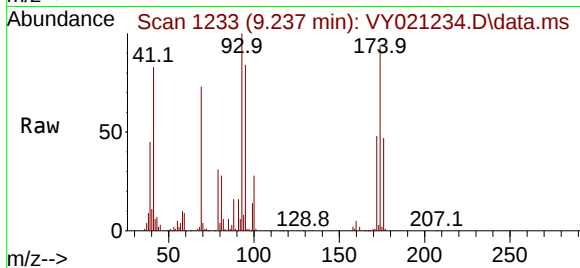
Tgt Ion: 88 Resp: 9293

Ion Ratio Lower Upper

88 100

43 37.0 28.2 42.4

58 73.4 52.2 78.2



#50

Toluene-d8

Concen: 49.582 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021234.D

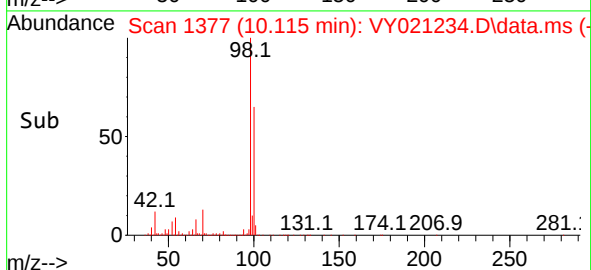
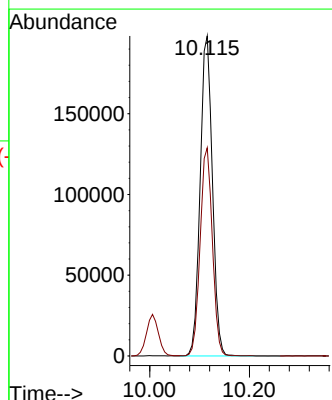
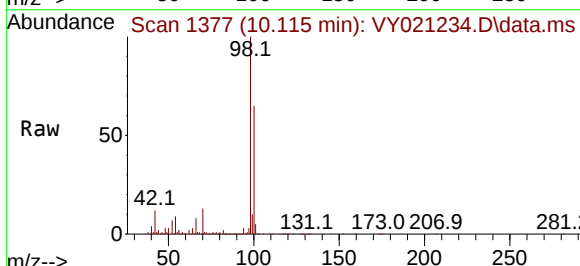
Acq: 18 Feb 2025 16:55

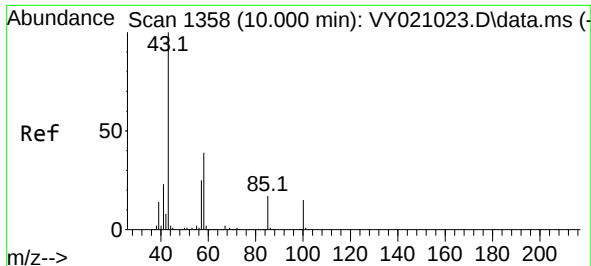
Tgt Ion: 98 Resp: 336926

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5

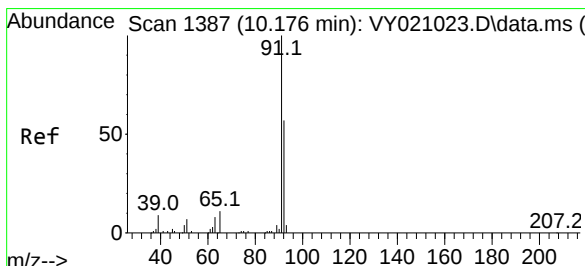
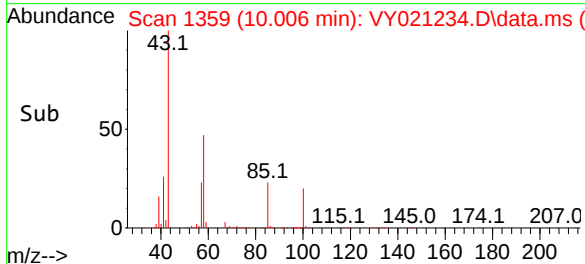
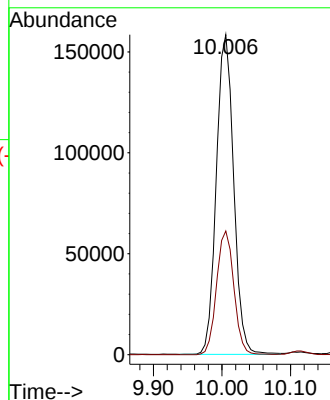
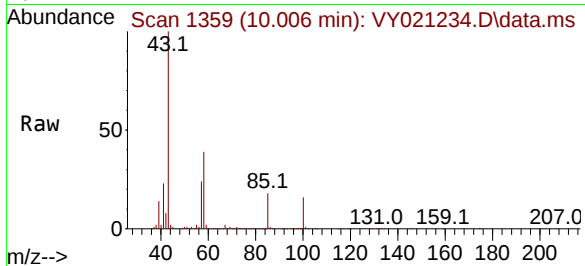




#51
4-Methyl-2-Pentanone
Concen: 239.184 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

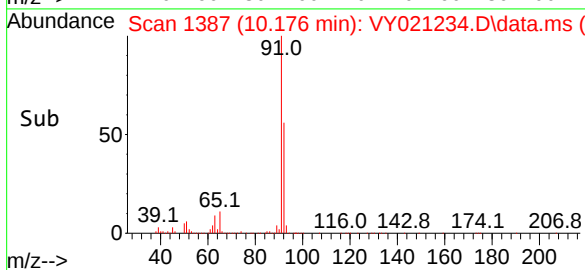
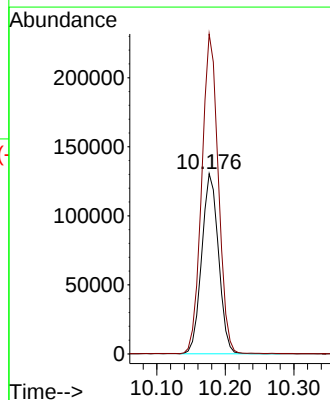
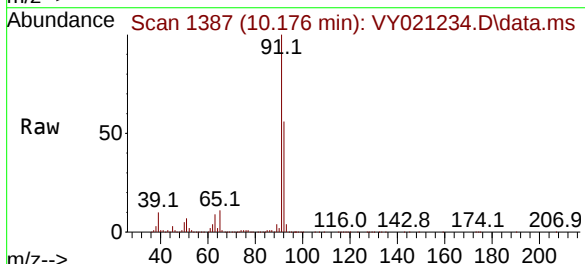
Instrument :
MSVOA_Y
ClientSampleId :

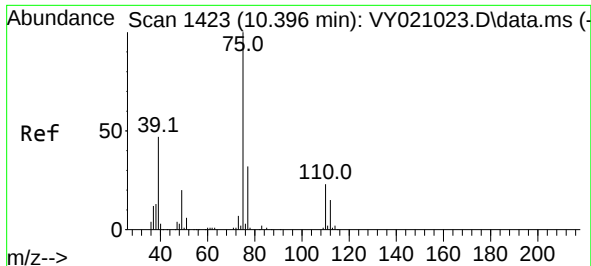
Tgt Ion: 43 Resp: 277189
Ion Ratio Lower Upper
43 100
58 38.7 32.2 48.2



#52
Toluene
Concen: 45.604 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 92 Resp: 222167
Ion Ratio Lower Upper
92 100
91 175.2 137.6 206.4

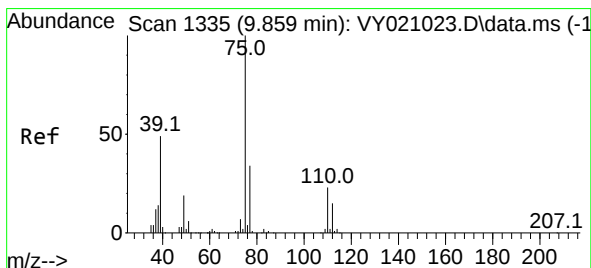
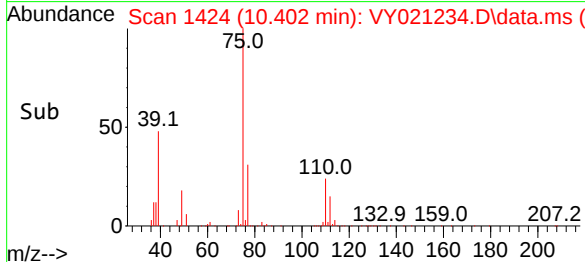
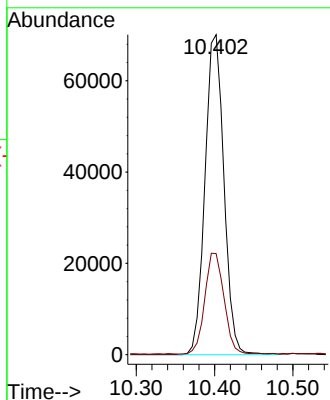
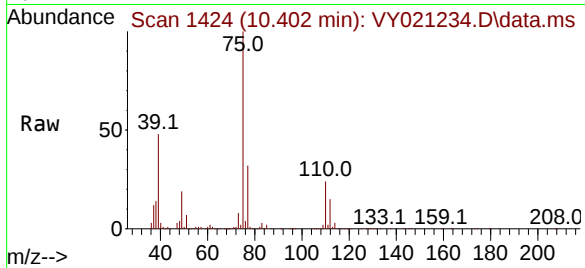




#53
 t-1,3-Dichloropropene
 Concen: 47.874 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

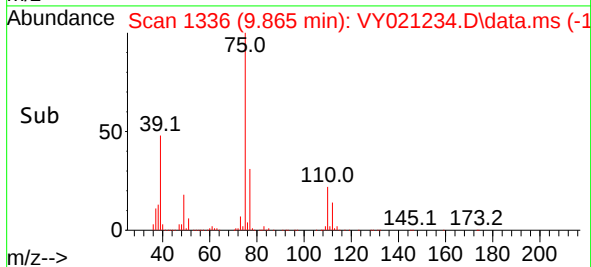
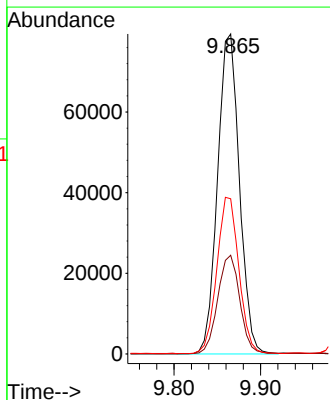
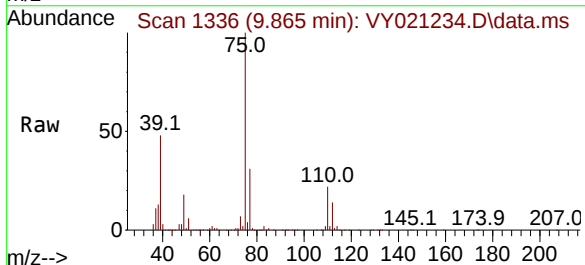
Instrument :
 MSVOA_Y
 ClientSampleId :

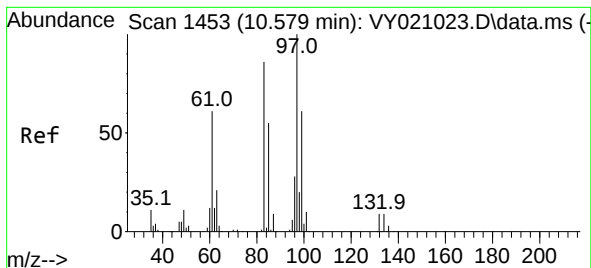
Tgt Ion: 75 Resp: 117550
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.846 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021234.D
 Acq: 18 Feb 2025 16:55

Tgt Ion: 75 Resp: 139100
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8
 39 48.4 33.6 50.4

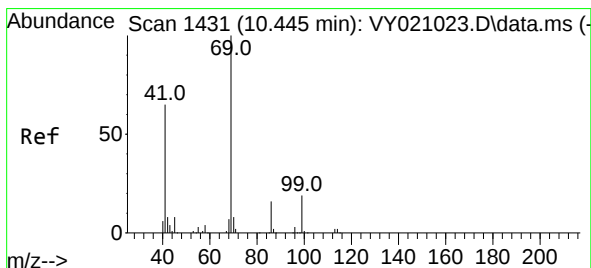
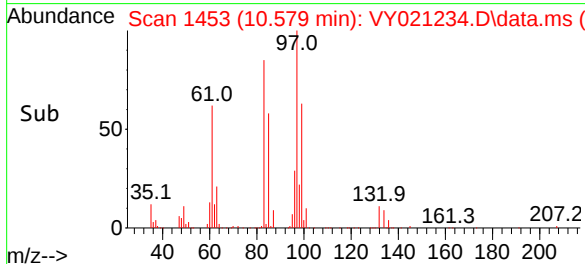
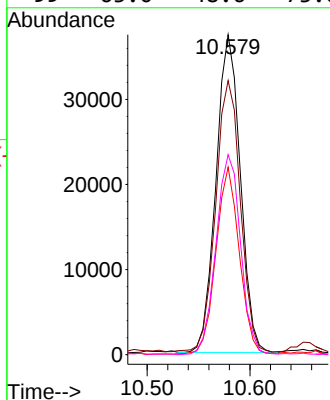
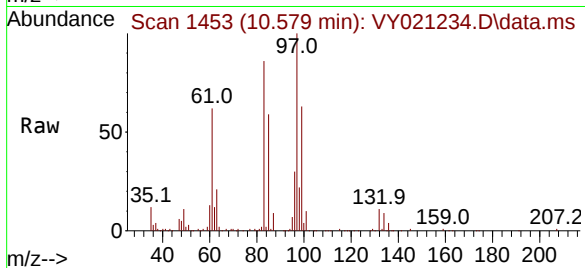




#55
1,1,2-Trichloroethane
Concen: 46.445 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

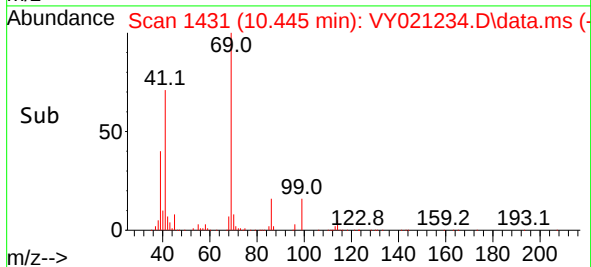
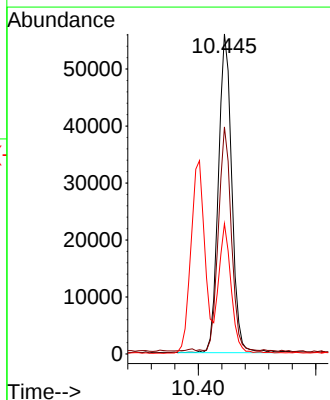
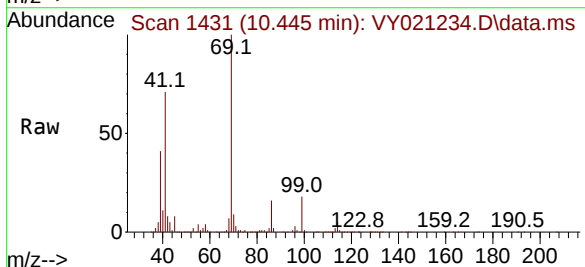
Instrument :
MSVOA_Y
ClientSampleId :

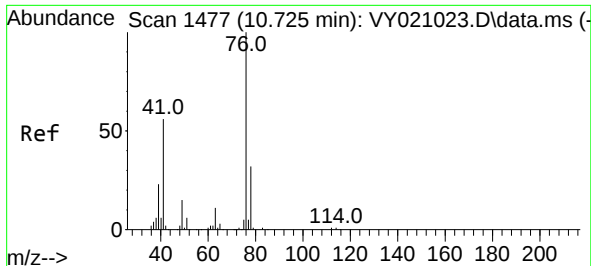
Tgt Ion: 97	Resp: 61323
Ion Ratio	Lower Upper
97 100	
83 85.3	69.4 104.2
85 58.7	43.9 65.9
99 63.0	48.6 73.0



#56
Ethyl methacrylate
Concen: 50.011 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 69	Resp: 88334
Ion Ratio	Lower Upper
69 100	
41 67.0	49.2 73.8
39 36.6	26.8 40.2

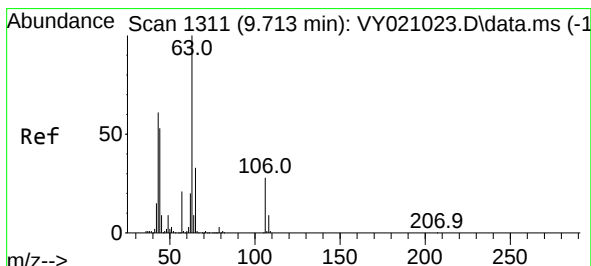
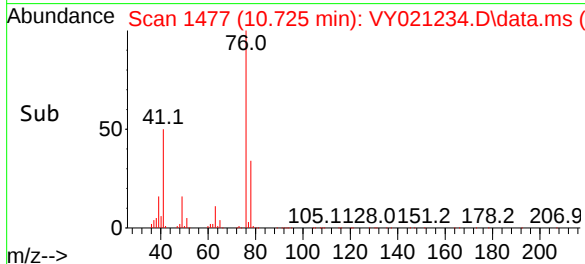
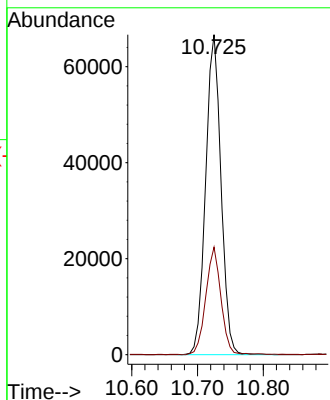
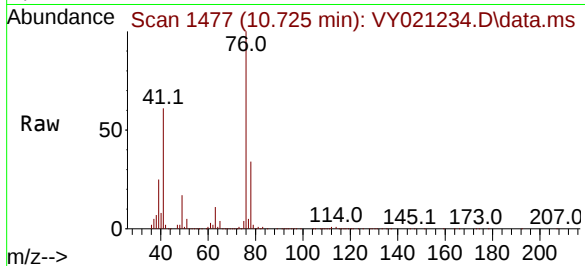




#57
1,3-Dichloropropane
Concen: 47.333 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

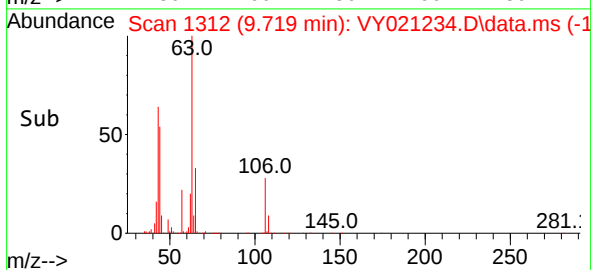
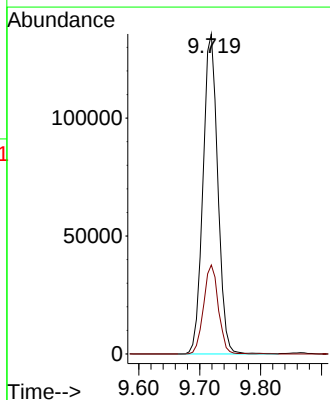
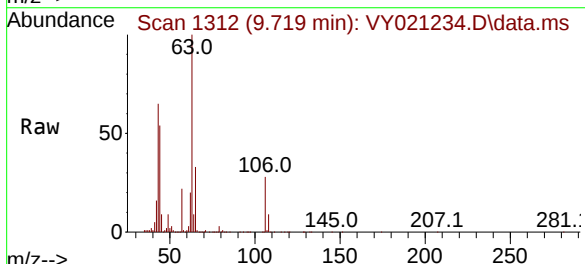
Instrument :
MSVOA_Y
ClientSampleId :

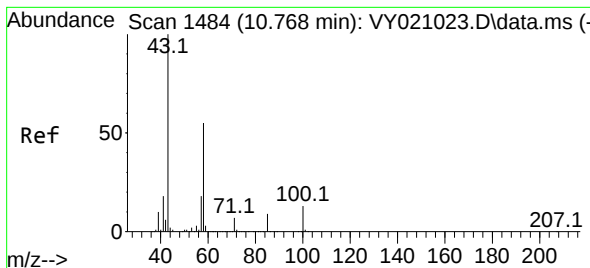
Tgt Ion: 76 Resp: 108172
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 272.524 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 63 Resp: 229005
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

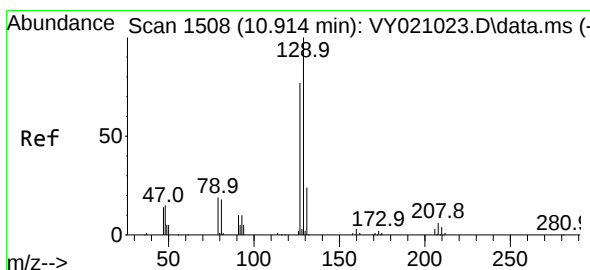
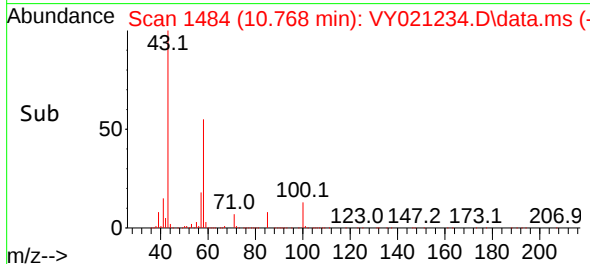
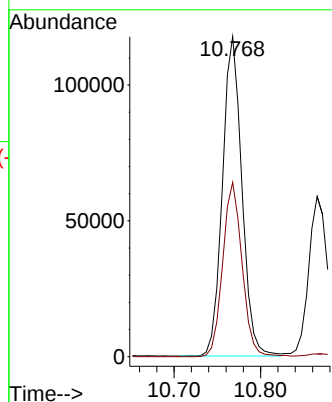
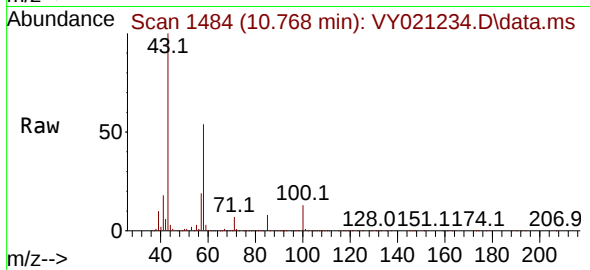




#59
2-Hexanone
Concen: 245.733 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

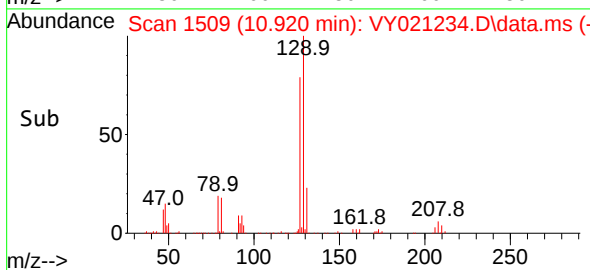
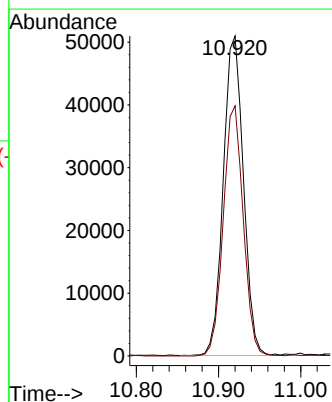
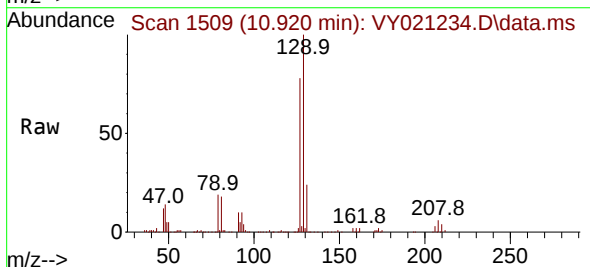
Instrument :
MSVOA_Y
ClientSampleId :

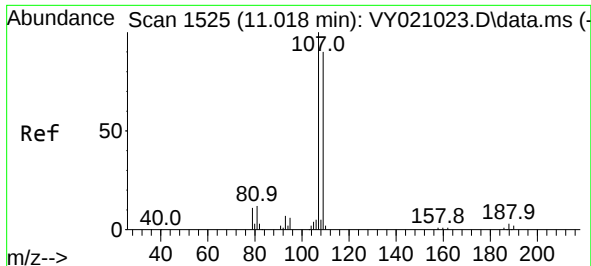
Tgt Ion: 43 Resp: 183358
Ion Ratio Lower Upper
43 100
58 54.3 28.1 84.3



#60
Dibromochloromethane
Concen: 46.820 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 129 Resp: 86814
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

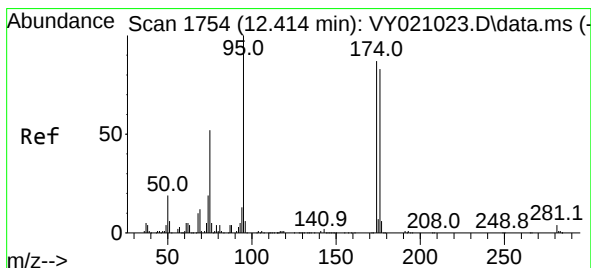
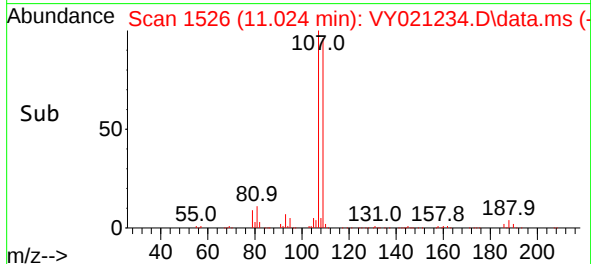
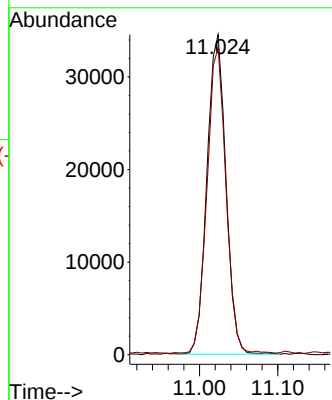
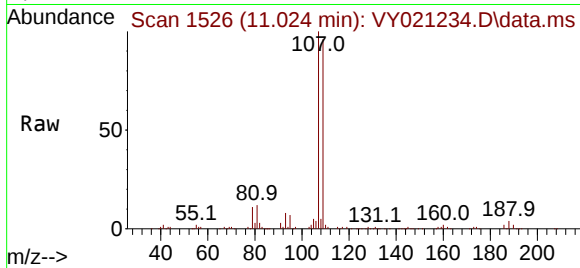




#61
1,2-Dibromoethane
Concen: 46.969 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

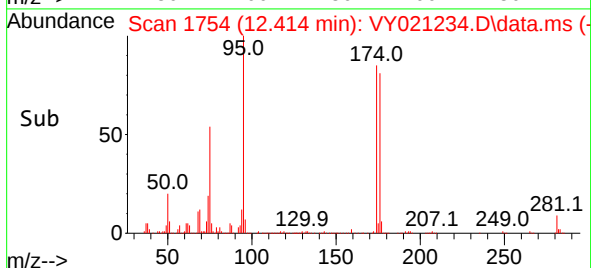
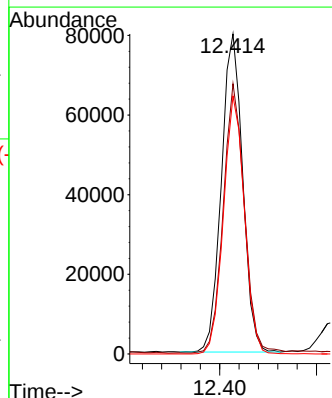
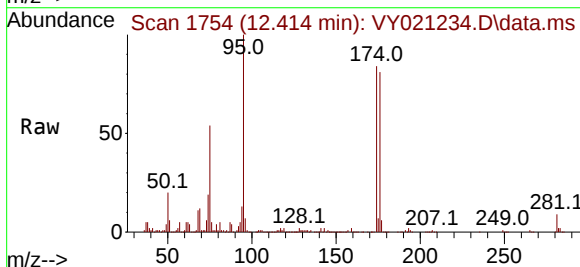
Instrument :
MSVOA_Y
ClientSampleId :

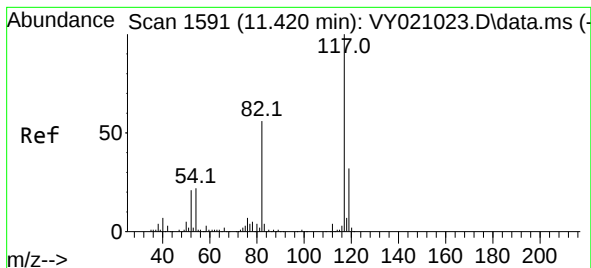
Tgt Ion:107 Resp: 58087
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.796 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 95 Resp: 121649
Ion Ratio Lower Upper
95 100
174 84.3 0.0 160.0
176 79.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

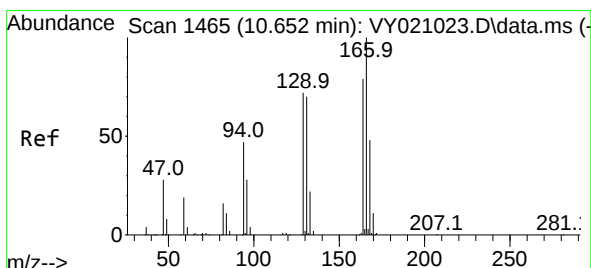
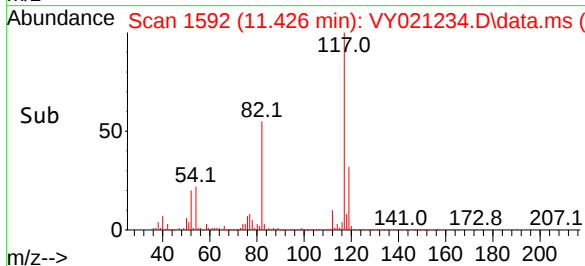
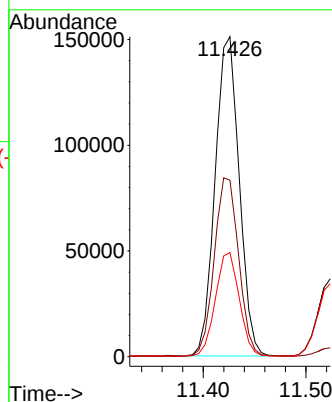
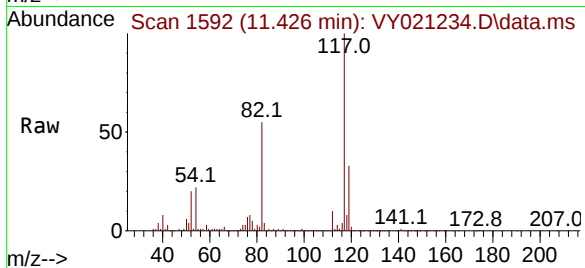
Tgt Ion:117 Resp: 245993

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 32.5 26.5 39.7



#64

Tetrachloroethene

Concen: 42.691 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Tgt Ion:164 Resp: 77959

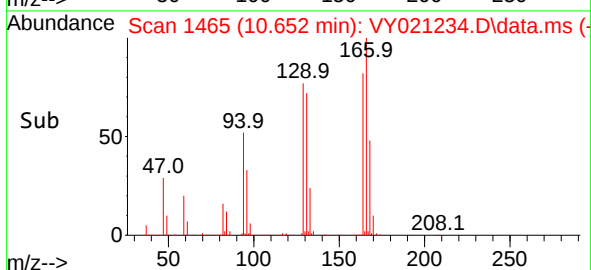
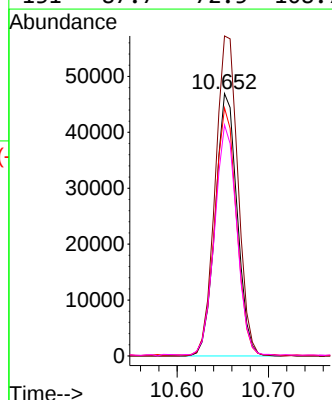
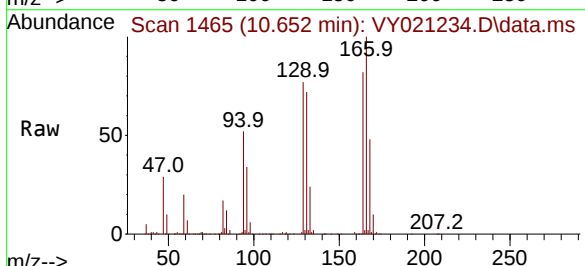
Ion Ratio Lower Upper

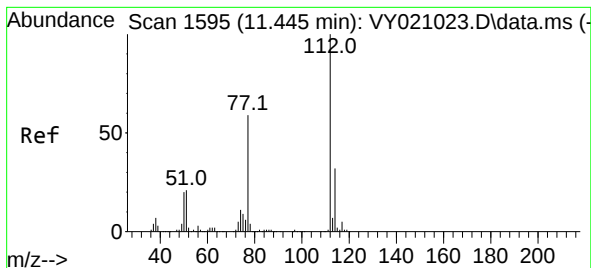
164 100

166 122.0 98.8 148.2

129 94.3 78.9 118.3

131 87.7 72.5 108.7





#65

Chlorobenzene

Concen: 44.987 ug/l

RT: 11.450 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

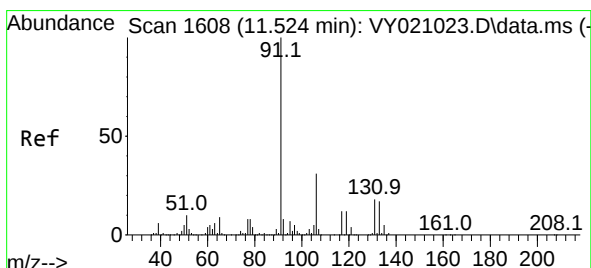
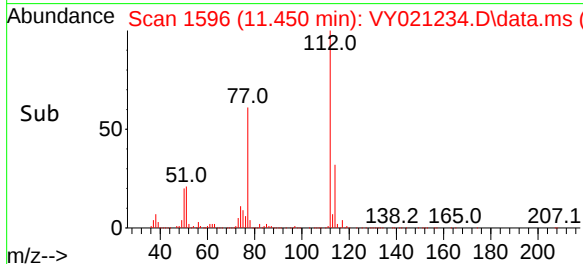
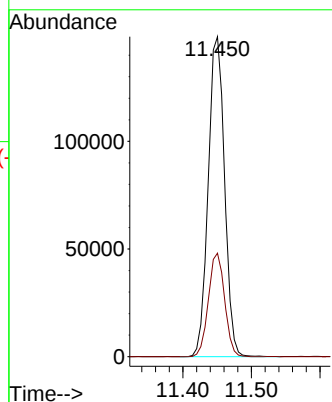
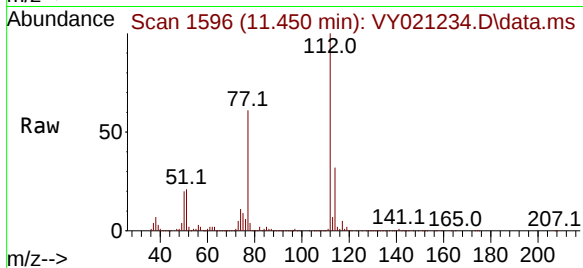
ClientSampleId :

Tgt Ion:112 Resp: 246416

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 45.550 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

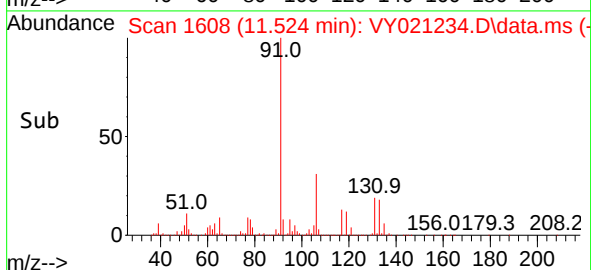
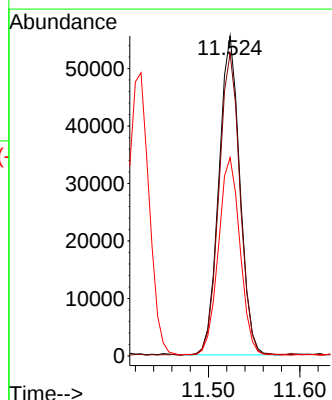
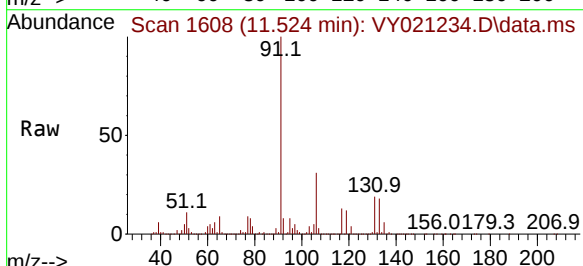
Tgt Ion:131 Resp: 88664

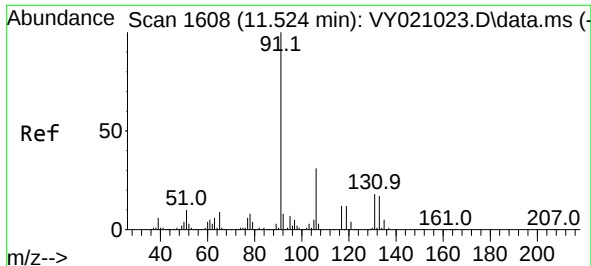
Ion Ratio Lower Upper

131 100

133 95.4 47.0 141.0

119 63.8 33.3 99.9





#67

Ethyl Benzene

Concen: 45.785 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

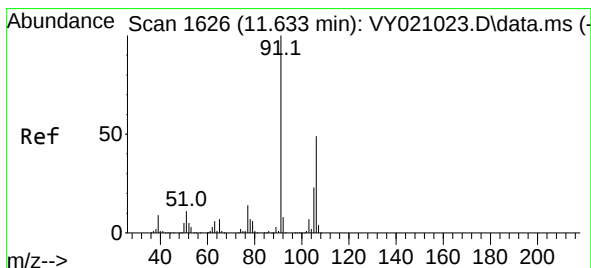
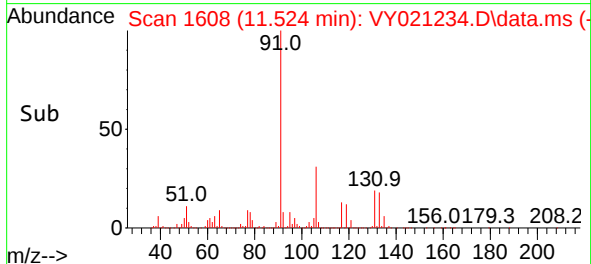
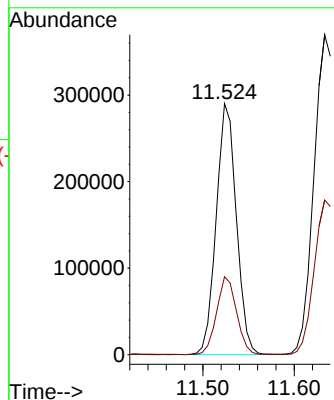
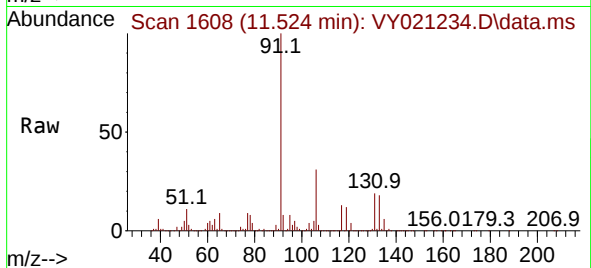
ClientSampleId :

Tgt Ion: 91 Resp: 443571

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 90.687 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021234.D

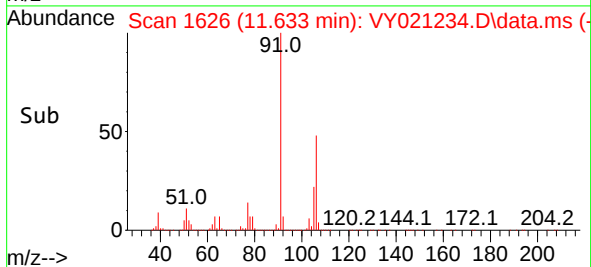
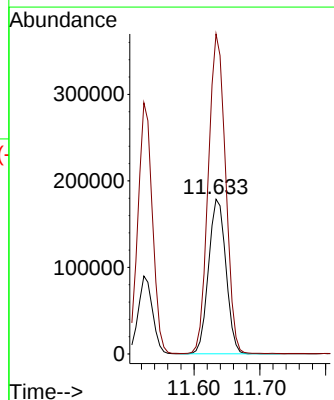
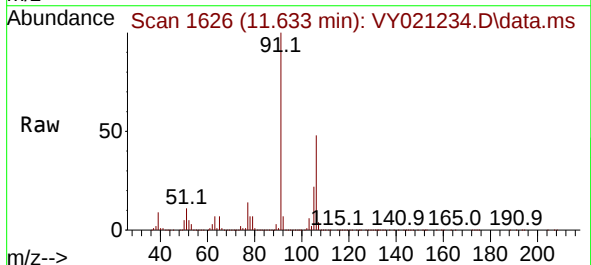
Acq: 18 Feb 2025 16:55

Tgt Ion:106 Resp: 328680

Ion Ratio Lower Upper

106 100

91 205.3 160.7 241.1

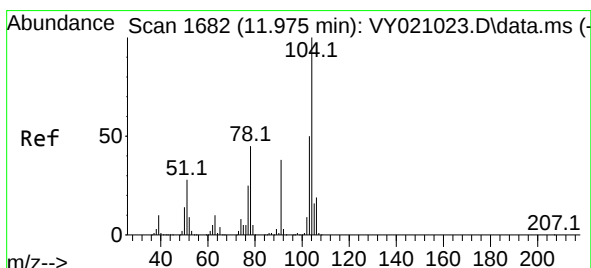
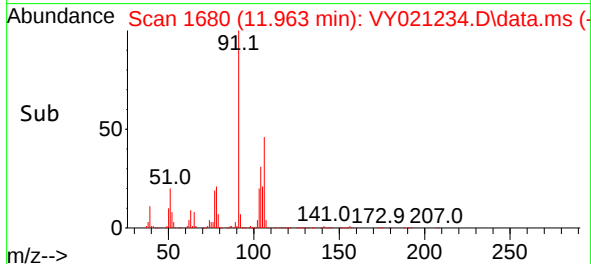
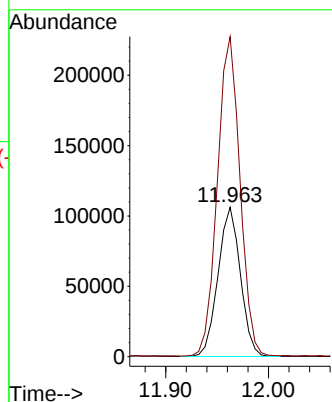
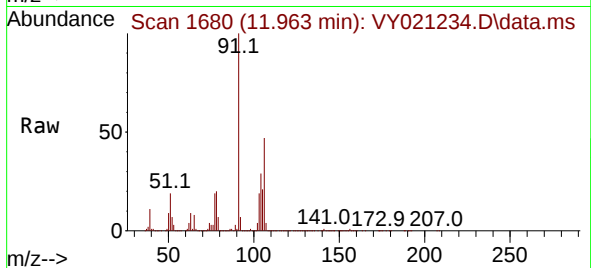




#69
o-Xylene
Concen: 47.269 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

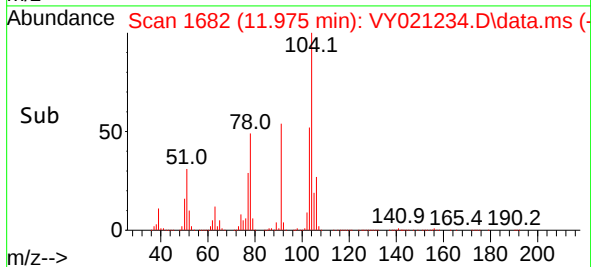
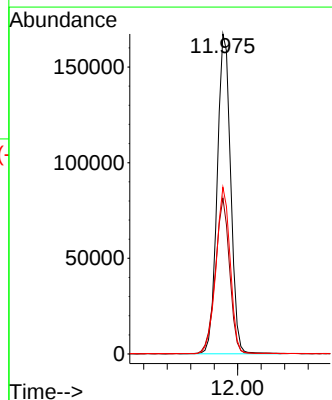
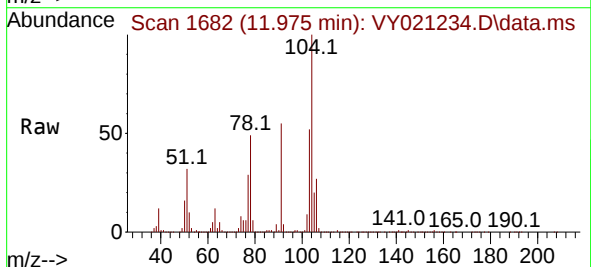
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 159724
Ion Ratio Lower Upper
106 100
91 216.4 106.5 319.5



#70
Styrene
Concen: 47.145 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion:104 Resp: 265514
Ion Ratio Lower Upper
104 100
78 51.3 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 45.566 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021234.D

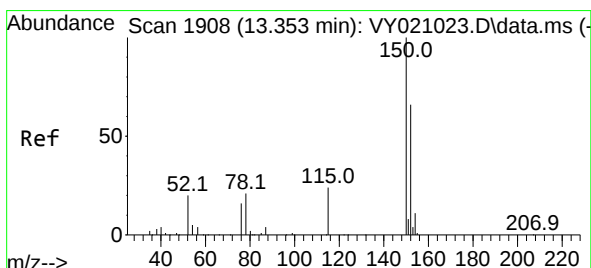
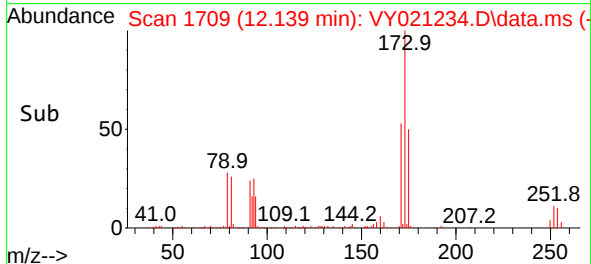
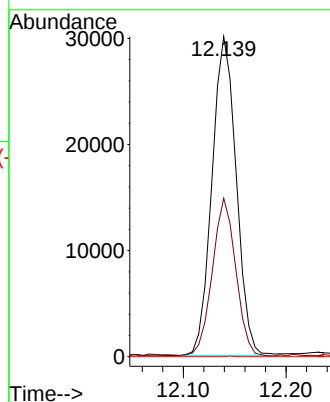
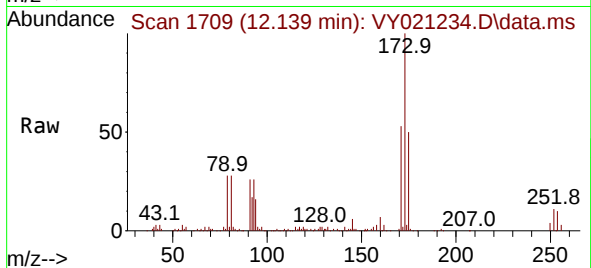
Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	49370
Ion Ratio	Lower	Upper
173	100	
175	47.7	23.5 70.6
254	0.0	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

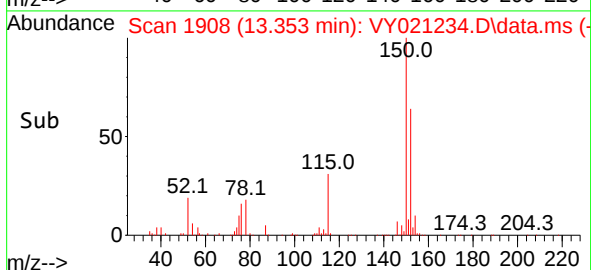
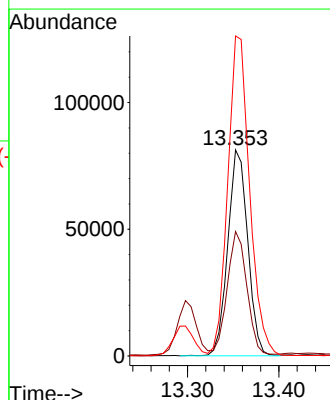
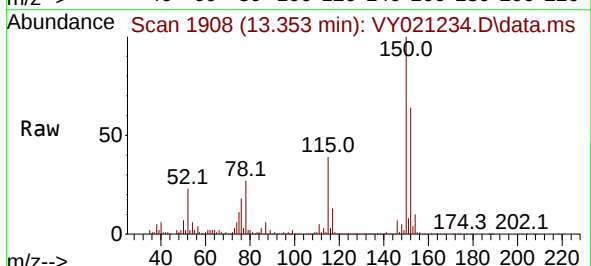
RT: 13.353 min Scan# 1908

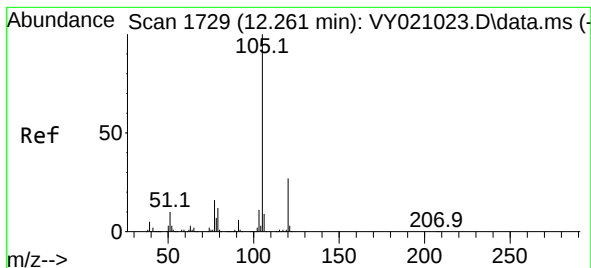
Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Tgt Ion:152	Resp:	123334
Ion Ratio	Lower	Upper
152	100	
115	58.3	30.0 90.0
150	170.3	0.0 344.6





#73

Isopropylbenzene

Concen: 44.401 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

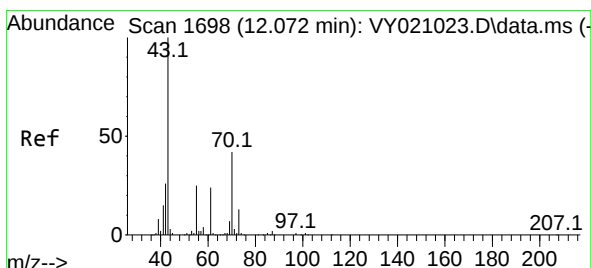
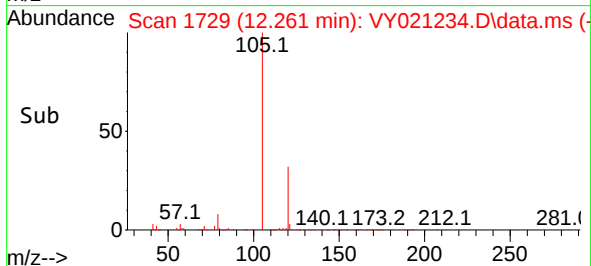
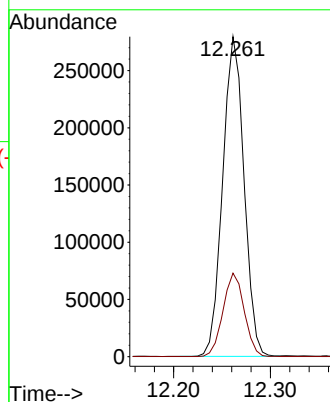
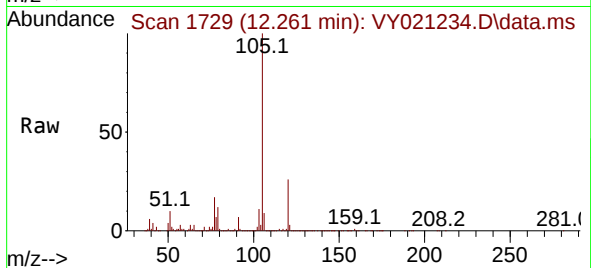
ClientSampleId :

Tgt Ion:105 Resp: 427761

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 47.394 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Tgt Ion: 43 Resp: 99826

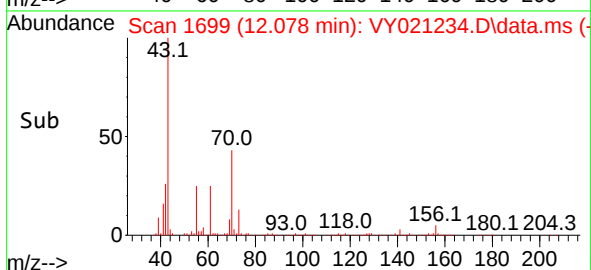
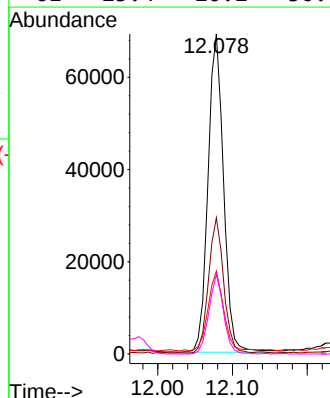
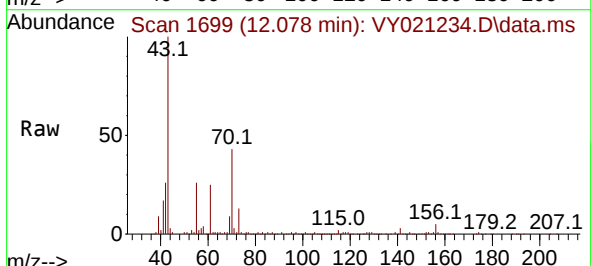
Ion Ratio Lower Upper

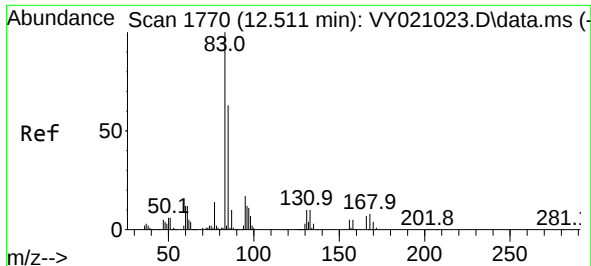
43 100

70 41.4 36.6 55.0

55 25.3 22.2 33.4

61 23.4 20.2 30.4

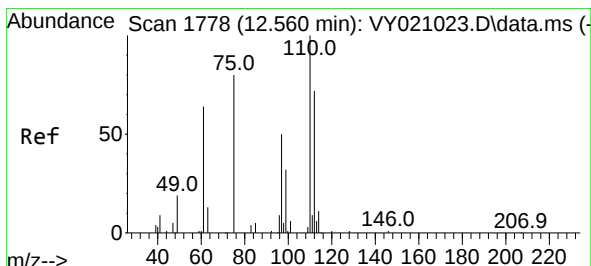
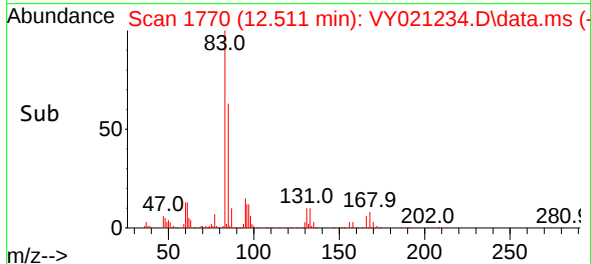
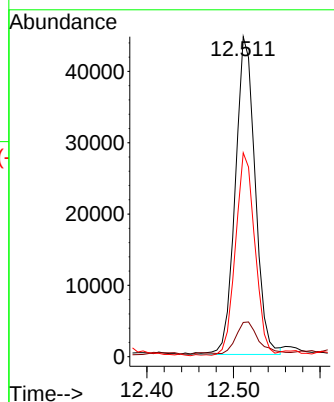
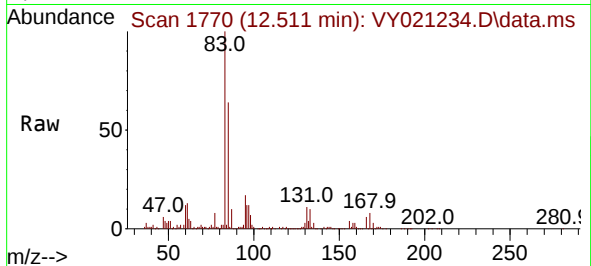




#75
1,1,2,2-Tetrachloroethane
Concen: 44.364 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

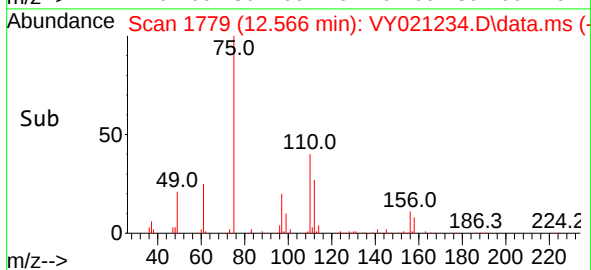
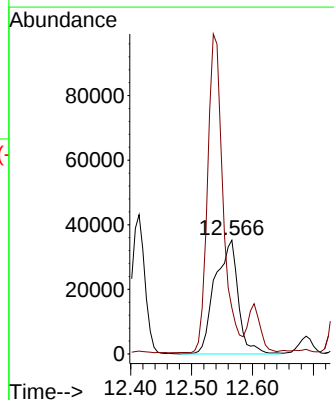
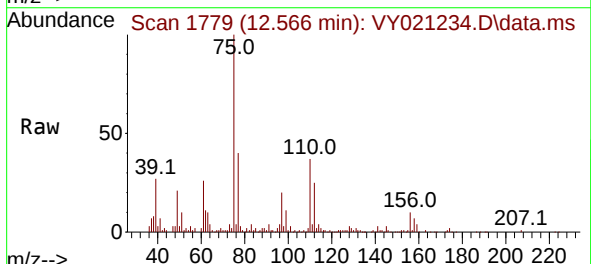
Instrument :
MSVOA_Y
ClientSampleId :

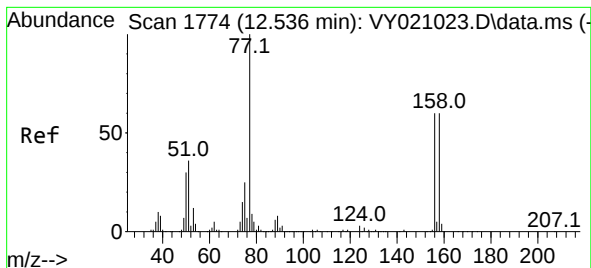
Tgt Ion: 83 Resp: 71084
Ion Ratio Lower Upper
83 100
131 11.2 4.9 14.6
85 62.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 83.403 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 75 Resp: 93311
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.874 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

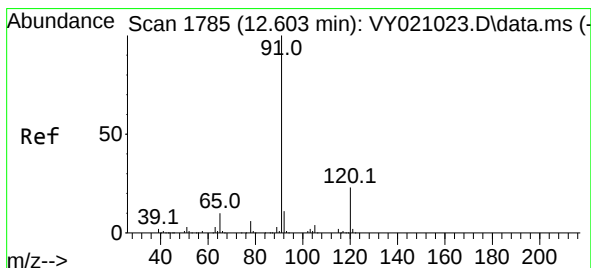
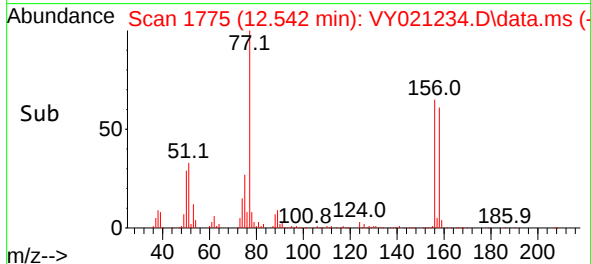
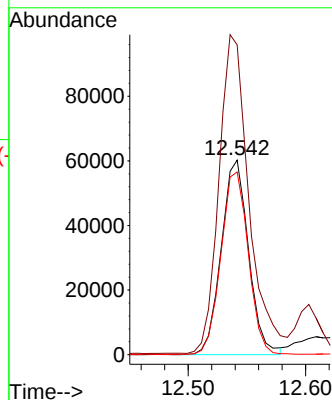
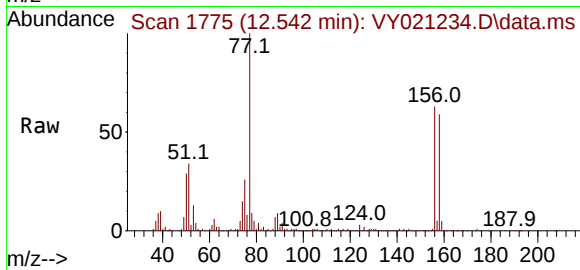
Tgt Ion:156 Resp: 97541

Ion Ratio Lower Upper

156 100

77 180.0 97.3 291.8

158 93.7 48.4 145.0



#78

n-propylbenzene

Concen: 43.826 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021234.D

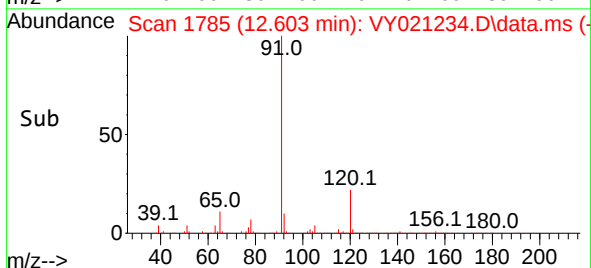
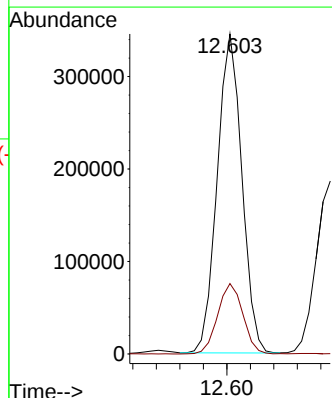
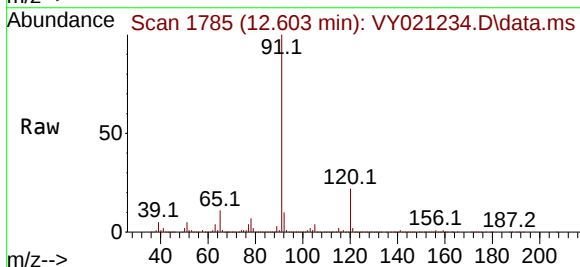
Acq: 18 Feb 2025 16:55

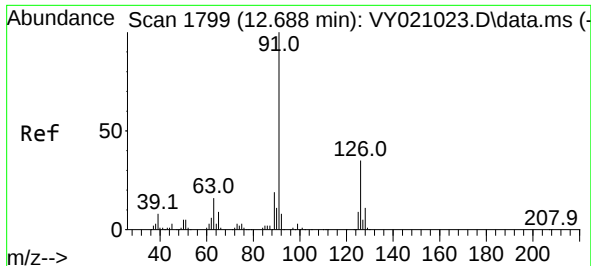
Tgt Ion: 91 Resp: 502965

Ion Ratio Lower Upper

91 100

120 22.6 11.0 33.0

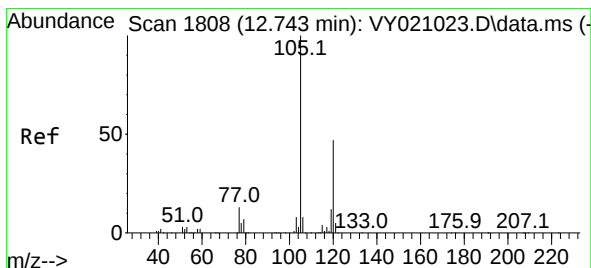
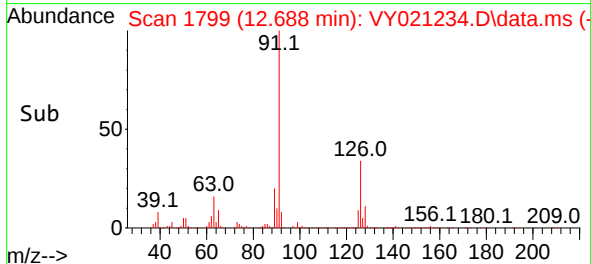
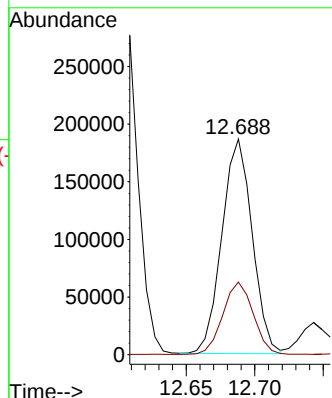
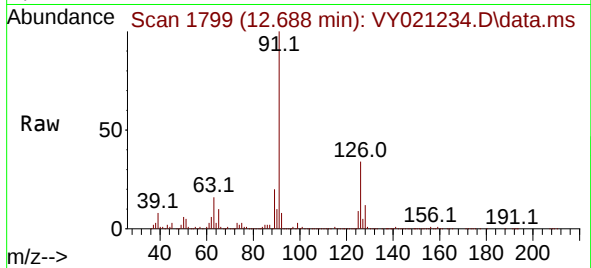




#79
2-Chlorotoluene
Concen: 43.583 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

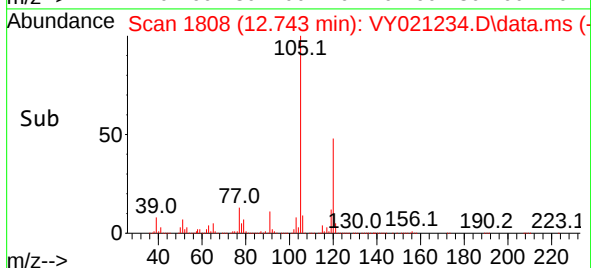
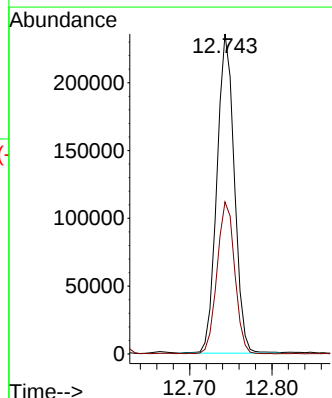
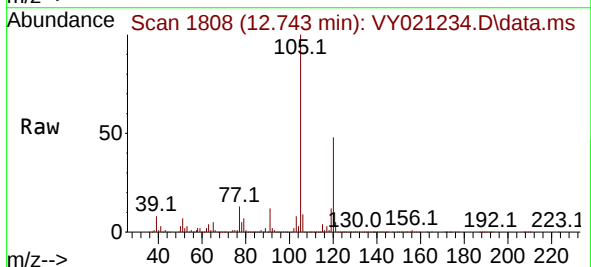
Instrument :
MSVOA_Y
ClientSampleId :

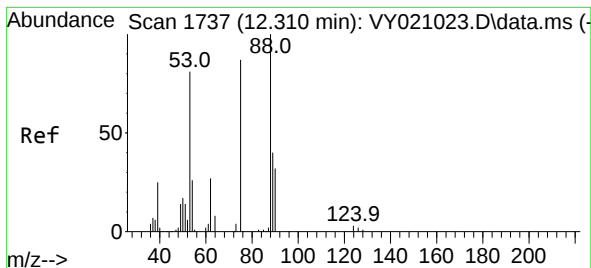
Tgt Ion: 91 Resp: 286472
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 44.342 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 105 Resp: 346358
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8

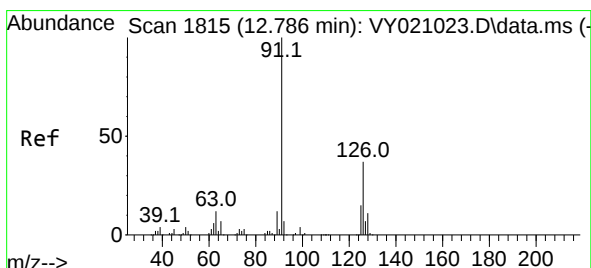
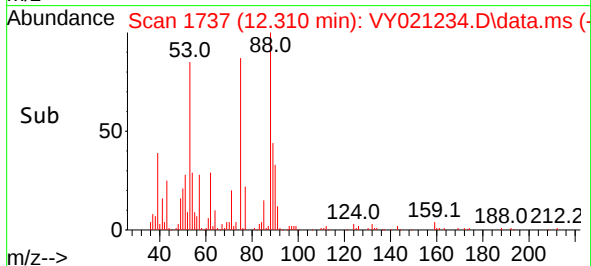
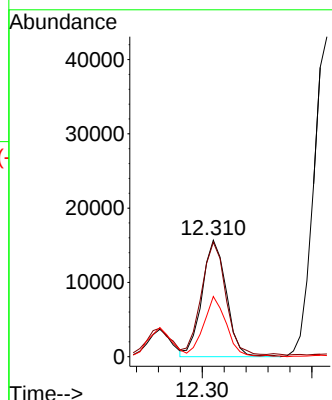
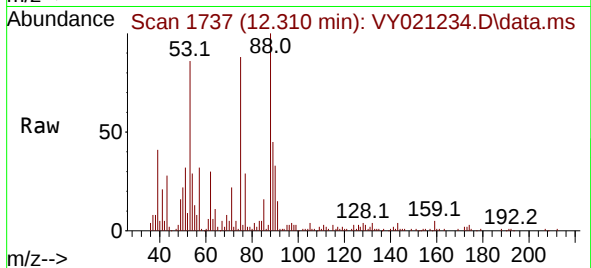




#81
trans-1,4-Dichloro-2-butene
Concen: 43.980 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

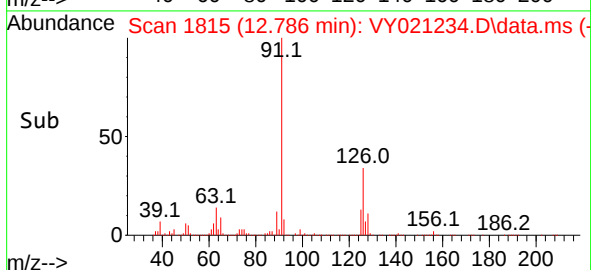
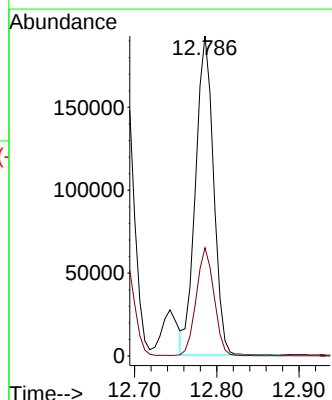
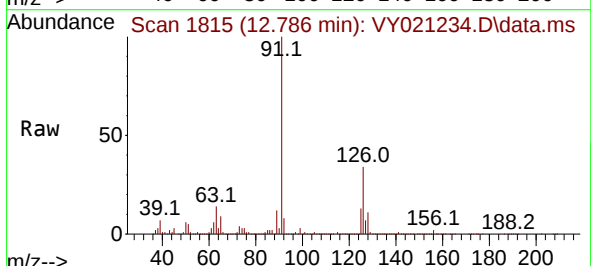
Instrument :
MSVOA_Y
ClientSampleId :

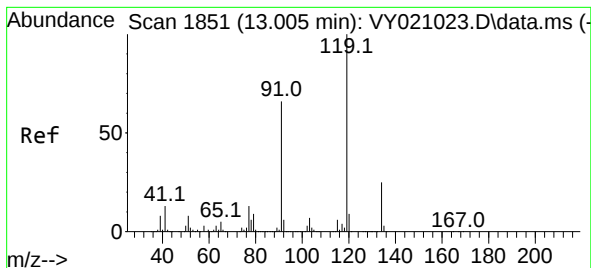
Tgt Ion: 75 Resp: 24114
Ion Ratio Lower Upper
75 100
53 95.8 74.0 111.0
89 46.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 43.674 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 91 Resp: 292484
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 44.217 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

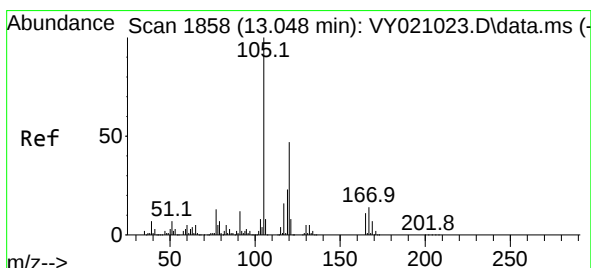
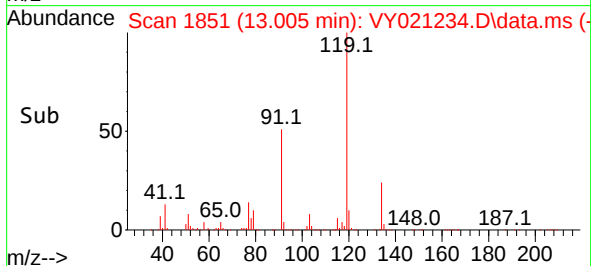
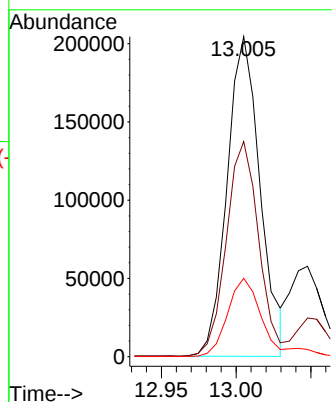
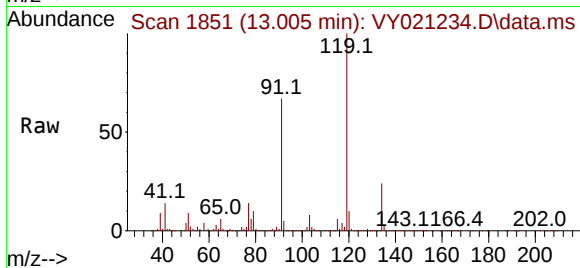
Tgt Ion:119 Resp: 313933

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 44.568 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021234.D

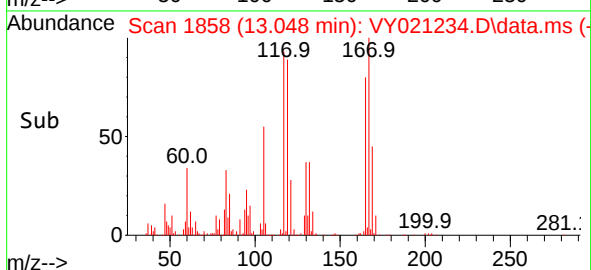
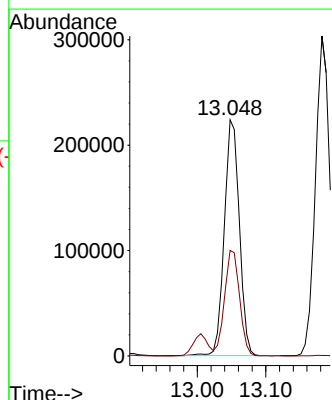
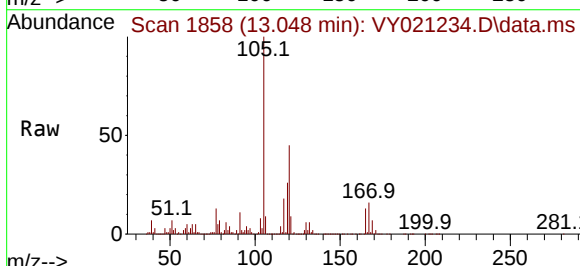
Acq: 18 Feb 2025 16:55

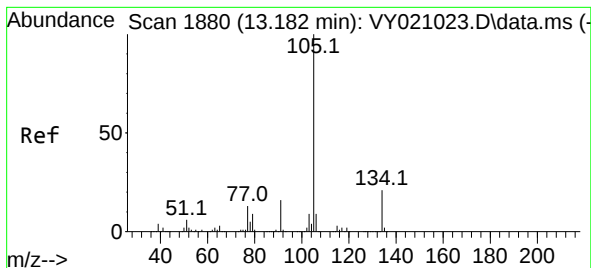
Tgt Ion:105 Resp: 340384

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 43.744 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

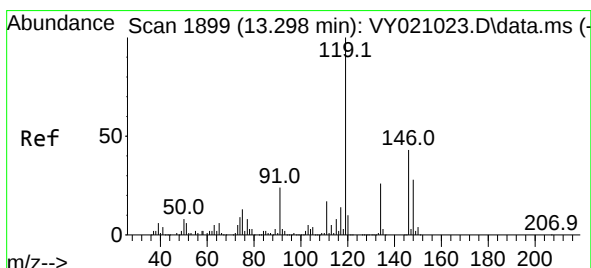
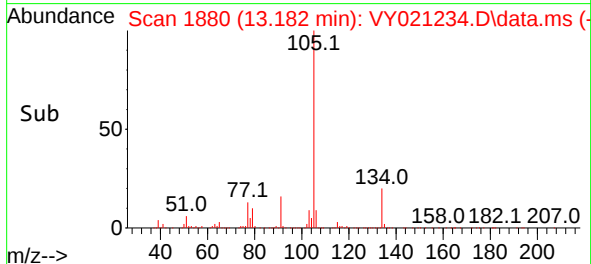
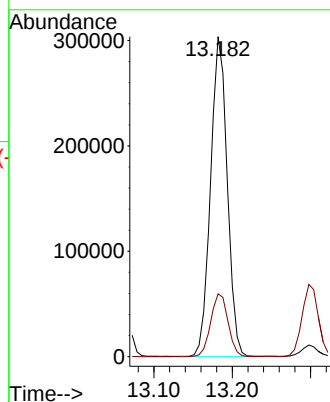
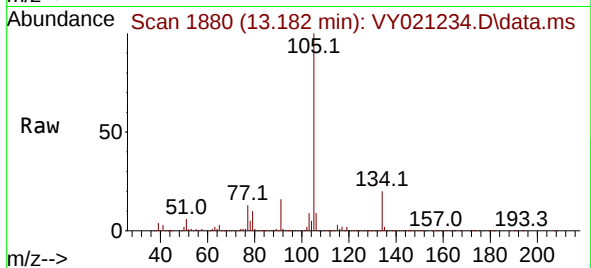
ClientSampleId :

Tgt Ion:105 Resp: 447069

Ion Ratio Lower Upper

105 100

134 20.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 44.553 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

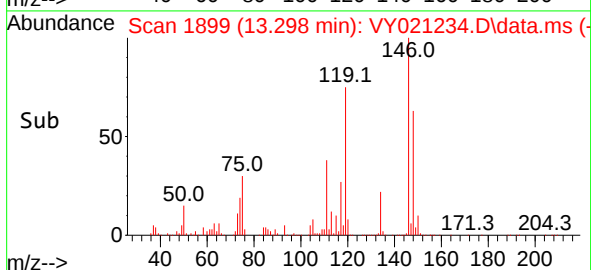
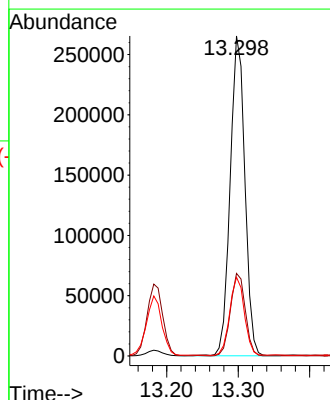
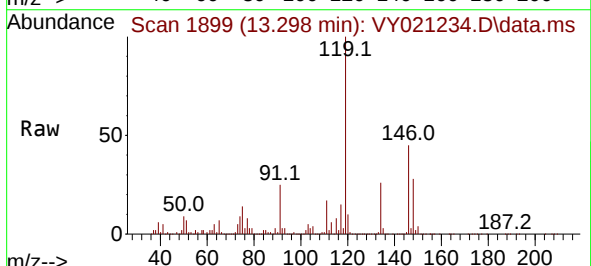
Tgt Ion:119 Resp: 378239

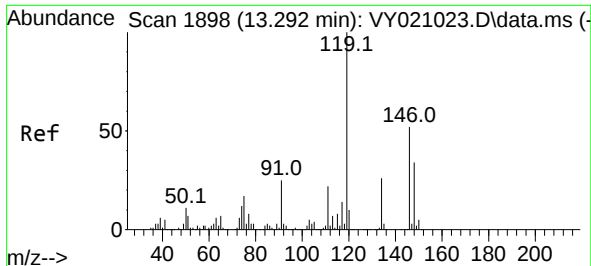
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 24.3 11.7 35.0

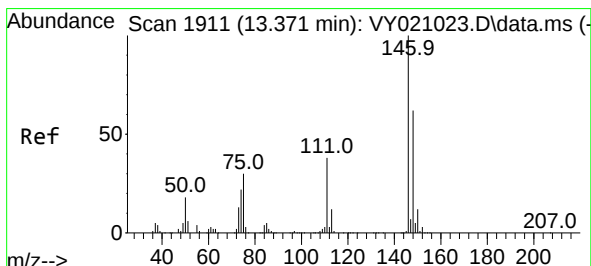
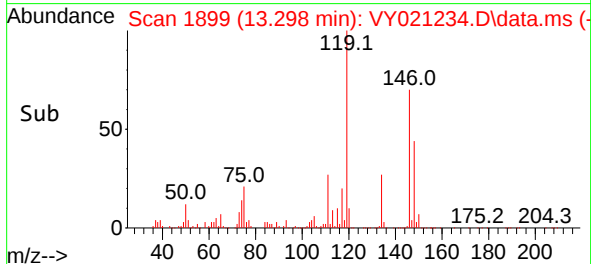
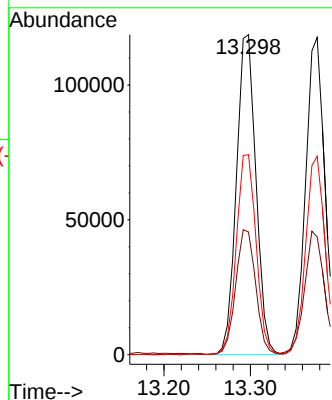
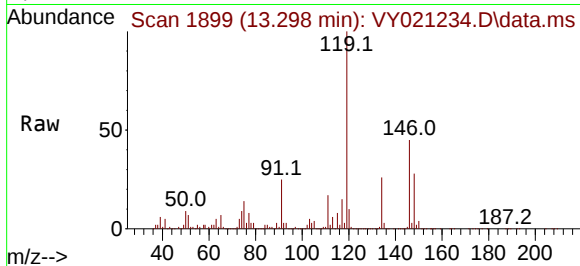




#87
1,3-Dichlorobenzene
Concen: 43.334 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

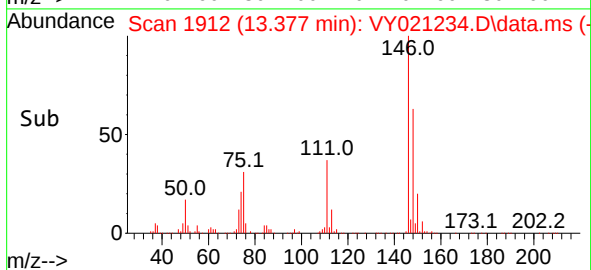
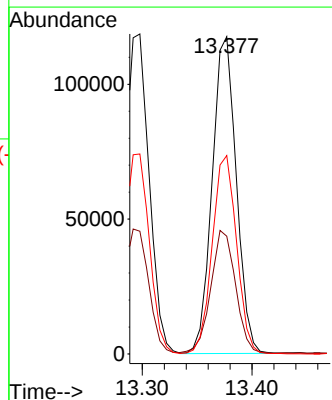
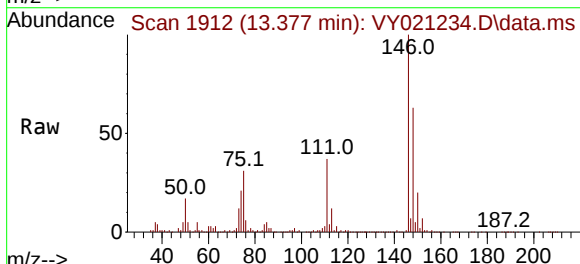
Instrument :
MSVOA_Y
ClientSampleId :

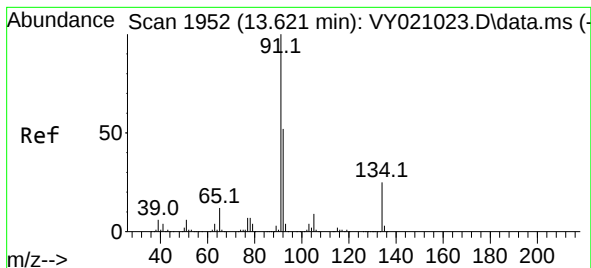
Tgt Ion:146 Resp: 186022
Ion Ratio Lower Upper
146 100
111 39.7 20.2 60.5
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 42.571 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion:146 Resp: 179933
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.9
148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 45.819 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

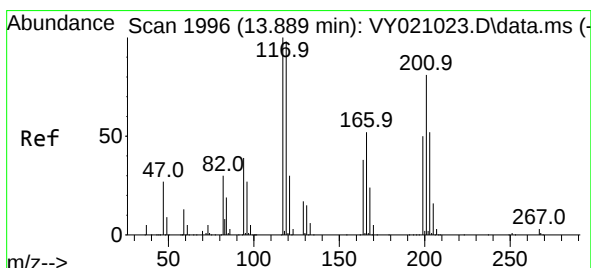
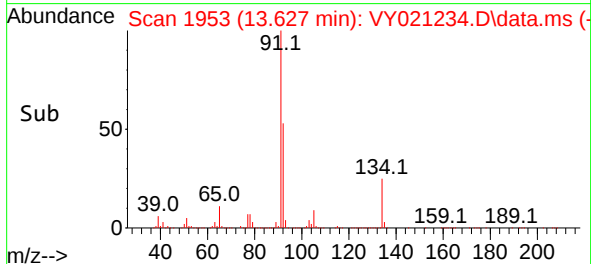
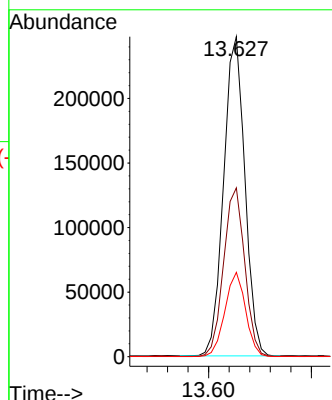
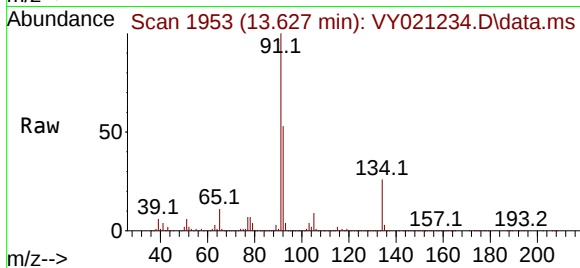
Tgt Ion: 91 Resp: 354866

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.7 12.3 36.8



#90

Hexachloroethane

Concen: 42.885 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021234.D

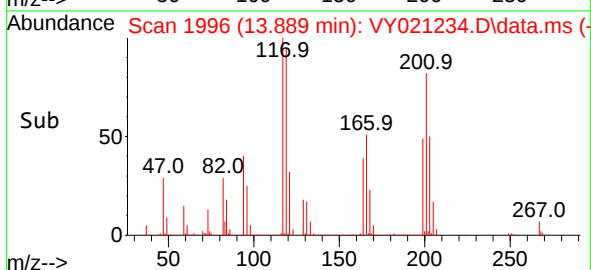
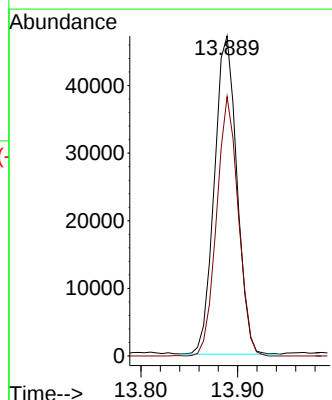
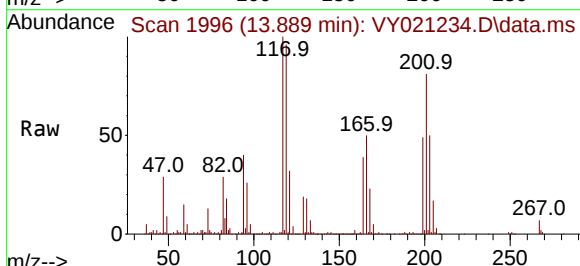
Acq: 18 Feb 2025 16:55

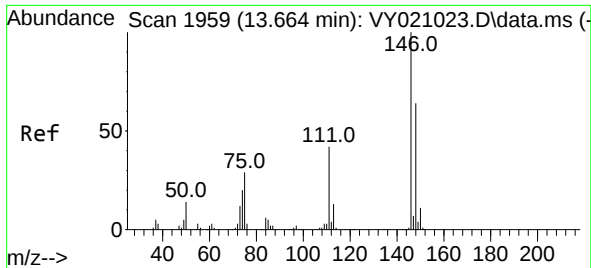
Tgt Ion: 117 Resp: 75952

Ion Ratio Lower Upper

117 100

201 78.5 33.4 100.1

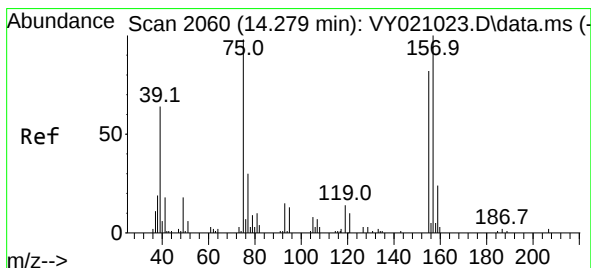
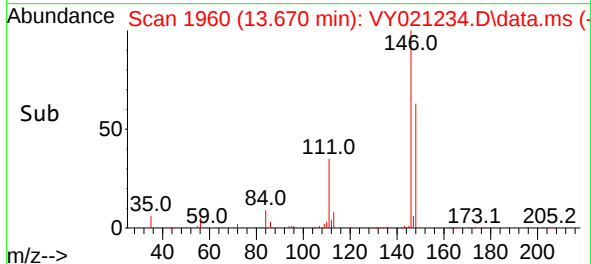
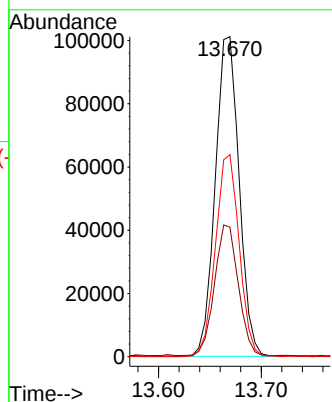
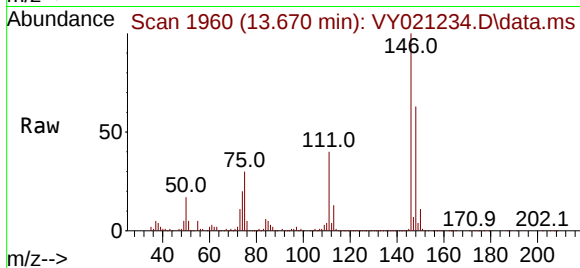




#91
1,2-Dichlorobenzene
Concen: 43.688 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

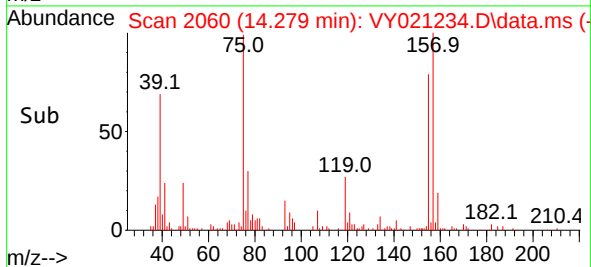
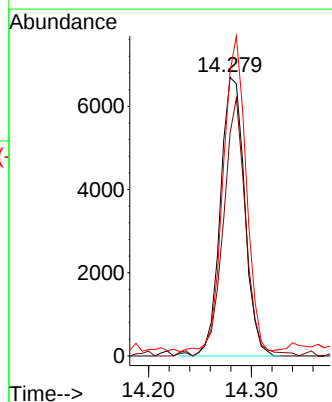
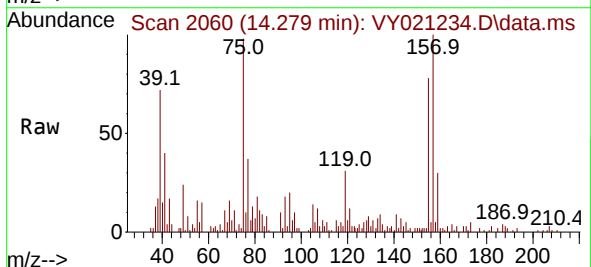
Instrument :
MSVOA_Y
ClientSampleId :

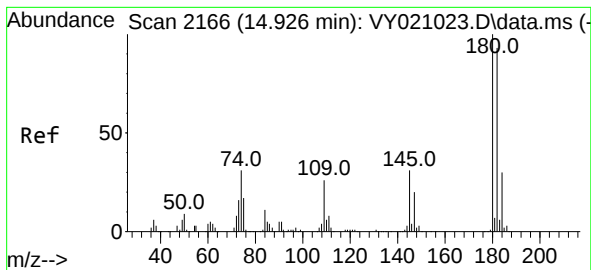
Tgt Ion:146 Resp: 162778
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 62.9 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.586 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021234.D
Acq: 18 Feb 2025 16:55

Tgt Ion: 75 Resp: 10915
Ion Ratio Lower Upper
75 100
155 85.7 42.1 126.3
157 107.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 48.635 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

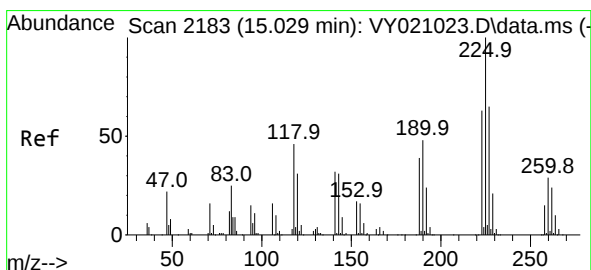
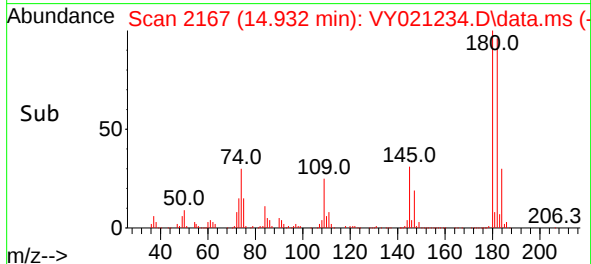
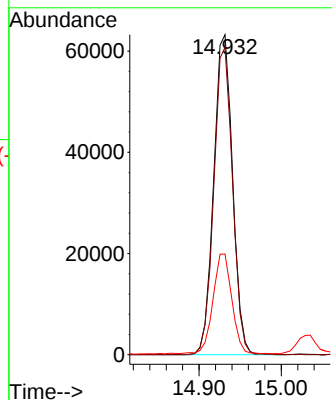
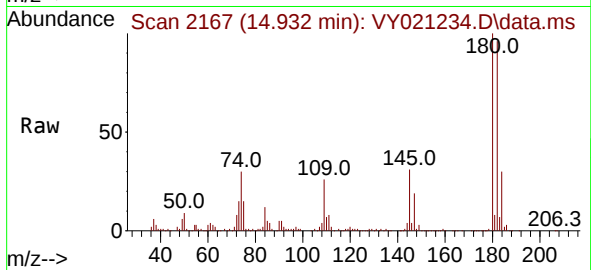
Tgt Ion:180 Resp: 100865

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 31.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 46.701 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

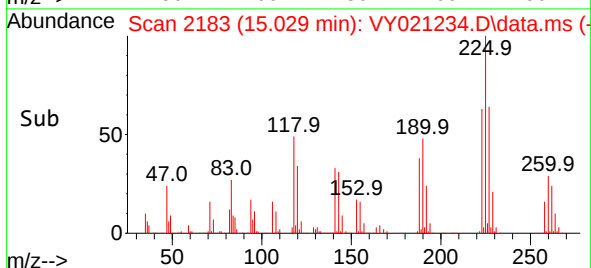
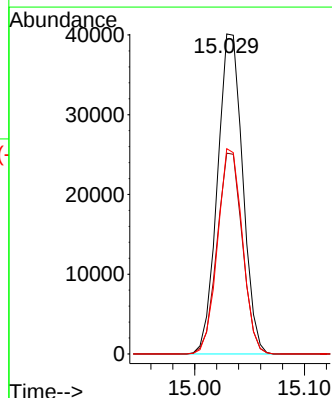
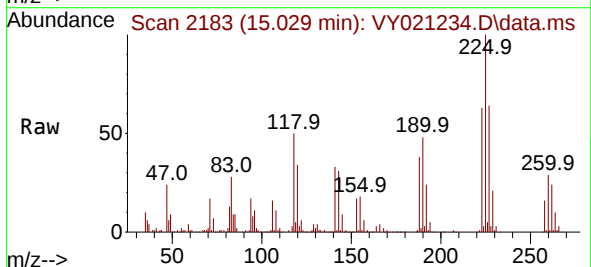
Tgt Ion:225 Resp: 64183

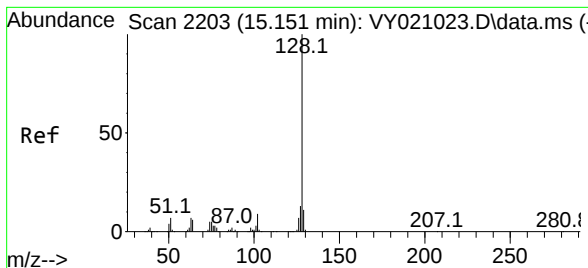
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.3

227 62.9 32.3 96.8





#95

Naphthalene

Concen: 54.275 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

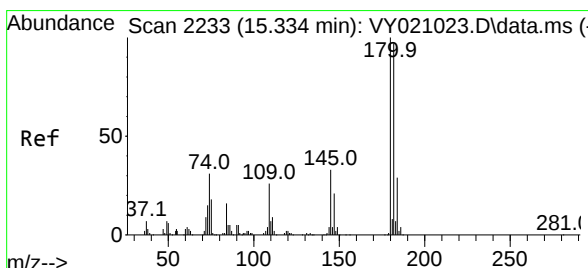
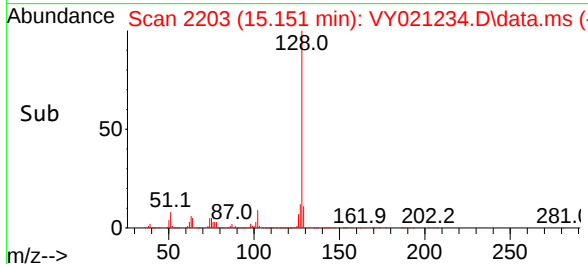
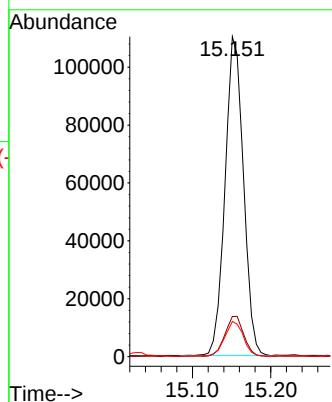
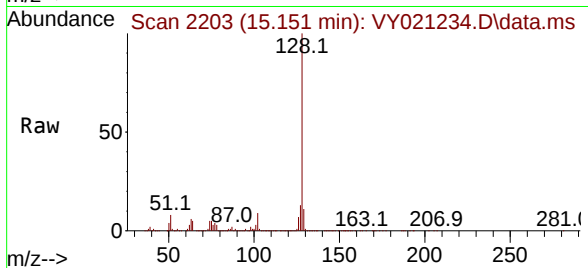
Tgt Ion:128 Resp: 180086

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.502 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021234.D

Acq: 18 Feb 2025 16:55

Tgt Ion:180 Resp: 85437

Ion Ratio Lower Upper

180 100

182 93.9 46.3 138.8

145 32.4 16.1 48.2

