

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021215.D
 Acq On : 17 Feb 2025 12:28
 Operator : SY/MD
 Sample : VY0217SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:45:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	136712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	209409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	179586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	88406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	64299	45.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.800%
35) Dibromofluoromethane	7.646	113	61388	45.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.115	98	231568	45.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.640%
62) 4-Bromofluorobenzene	12.414	95	77571	46.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	20762	17.039	ug/l	93
3) Chloromethane	2.080	50	17558	14.603	ug/l	98
4) Vinyl Chloride	2.214	62	19414	16.042	ug/l	96
5) Bromomethane	2.604	94	12062	16.126	ug/l	88
6) Chloroethane	2.745	64	13114	18.203	ug/l	100
7) Trichlorofluoromethane	3.074	101	43928	19.923	ug/l	93
8) Diethyl Ether	3.464	74	13844	20.113	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	30201	21.825	ug/l	97
10) Methyl Iodide	4.019	142	25469	16.567	ug/l	93
11) Tert butyl alcohol	4.866	59	11156	117.530	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	23195	17.794	ug/l	92
13) Acrolein	3.665	56	11969	81.886	ug/l	96
14) Allyl chloride	4.397	41	44963	20.467	ug/l	93
15) Acrylonitrile	5.074	53	35270	123.055	ug/l	99
16) Acetone	3.885	43	32345	148.073	ug/l	95
17) Carbon Disulfide	4.122	76	37230	9.108	ug/l	98
18) Methyl Acetate	4.403	43	17837	23.261	ug/l	94
19) Methyl tert-butyl Ether	5.135	73	79260	24.057	ug/l	99
20) Methylene Chloride	4.628	84	28677	21.118	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	25892	18.045	ug/l	95
22) Diisopropyl ether	6.037	45	112211	24.780	ug/l	98
23) Vinyl Acetate	5.970	43	298769	118.356	ug/l	96
24) 1,1-Dichloroethane	5.933	63	60380	22.759	ug/l	97
25) 2-Butanone	6.902	43	47257	131.651	ug/l	92
26) 2,2-Dichloropropane	6.896	77	58315	23.755	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	35885	21.728	ug/l	91
28) Bromochloromethane	7.256	49	20874	19.897	ug/l	94
29) Tetrahydrofuran	7.274	42	28286	116.455	ug/l	96
30) Chloroform	7.433	83	66198	24.292	ug/l	97
31) Cyclohexane	7.713	56	40611	16.998	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	58373	23.040	ug/l	99
36) 1,1-Dichloropropene	7.847	75	39384	19.813	ug/l	98
37) Ethyl Acetate	6.994	43	21443	24.590	ug/l	99
38) Carbon Tetrachloride	7.829	117	52390	22.556	ug/l	99
39) Methylcyclohexane	9.116	83	42548	17.499	ug/l	96
40) Benzene	8.091	78	122890	21.067	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	13043	25.854	ug/l	91
42) 1,2-Dichloroethane	8.171	62	37918	23.432	ug/l	96
43) Isopropyl Acetate	8.207	43	43934	25.355	ug/l	95
44) Trichloroethene	8.878	130	32207	21.370	ug/l	90
45) 1,2-Dichloropropane	9.152	63	34023	24.573	ug/l	99
46) Dibromomethane	9.244	93	17271	22.529	ug/l	97
47) Bromodichloromethane	9.433	83	51031	24.821	ug/l	98
48) Methyl methacrylate	9.231	41	18883	23.925	ug/l	90
49) 1,4-Dioxane	9.244	88	3690	517.058	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	112907	129.579	ug/l	96
52) Toluene	10.176	92	80999	22.114	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	45150	24.457	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	51777	23.687	ug/l #	88
55) 1,1,2-Trichloroethane	10.579	97	24822	25.004	ug/l	96
56) Ethyl methacrylate	10.451	69	32165	24.220	ug/l	89
57) 1,3-Dichloropropane	10.725	76	42544	24.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	63956	101.228	ug/l	100
59) 2-Hexanone	10.768	43	74215	132.286	ug/l	94
60) Dibromochloromethane	10.920	129	33731	24.195	ug/l	97
61) 1,2-Dibromoethane	11.024	107	21370	22.982	ug/l	99
64) Tetrachloroethene	10.652	164	27282	20.464	ug/l	98
65) Chlorobenzene	11.450	112	91858	22.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	35700	25.122	ug/l	97
67) Ethyl Benzene	11.530	91	164030	23.192	ug/l	98
68) m/p-Xylenes	11.639	106	122813	46.416	ug/l	98
69) o-Xylene	11.963	106	58167	23.579	ug/l	97
70) Styrene	11.981	104	101799	24.759	ug/l	98
71) Bromoform	12.139	173	19985	25.266	ug/l #	97
73) Isopropylbenzene	12.261	105	164802	23.864	ug/l	99
74) N-amyl acetate	12.078	43	37730	24.990	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	29049	25.293	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	37081	46.238	ug/l #	100
77) Bromobenzene	12.542	156	37307	23.410	ug/l	95
78) n-propylbenzene	12.603	91	199693	24.275	ug/l	99
79) 2-Chlorotoluene	12.688	91	113837	24.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.749	105	133599	23.861	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	9432	23.999	ug/l	92
82) 4-Chlorotoluene	12.786	91	116596	24.289	ug/l	100
83) tert-Butylbenzene	13.005	119	124970	24.556	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	134225	24.518	ug/l	98
85) sec-Butylbenzene	13.188	105	181496	24.775	ug/l	98
86) p-Isopropyltoluene	13.304	119	151347	24.871	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	76700	24.926	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	75740	24.999	ug/l	98
89) n-Butylbenzene	13.627	91	141637	25.513	ug/l	99
90) Hexachloroethane	13.889	117	32307	25.448	ug/l	86
91) 1,2-Dichlorobenzene	13.670	146	66723	24.983	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4131	24.069	ug/l	93
93) 1,2,4-Trichlorobenzene	14.932	180	39168	26.348	ug/l	97
94) Hexachlorobutadiene	15.035	225	25660	26.047	ug/l	98
95) Naphthalene	15.157	128	62739	26.379	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	32940	26.626	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

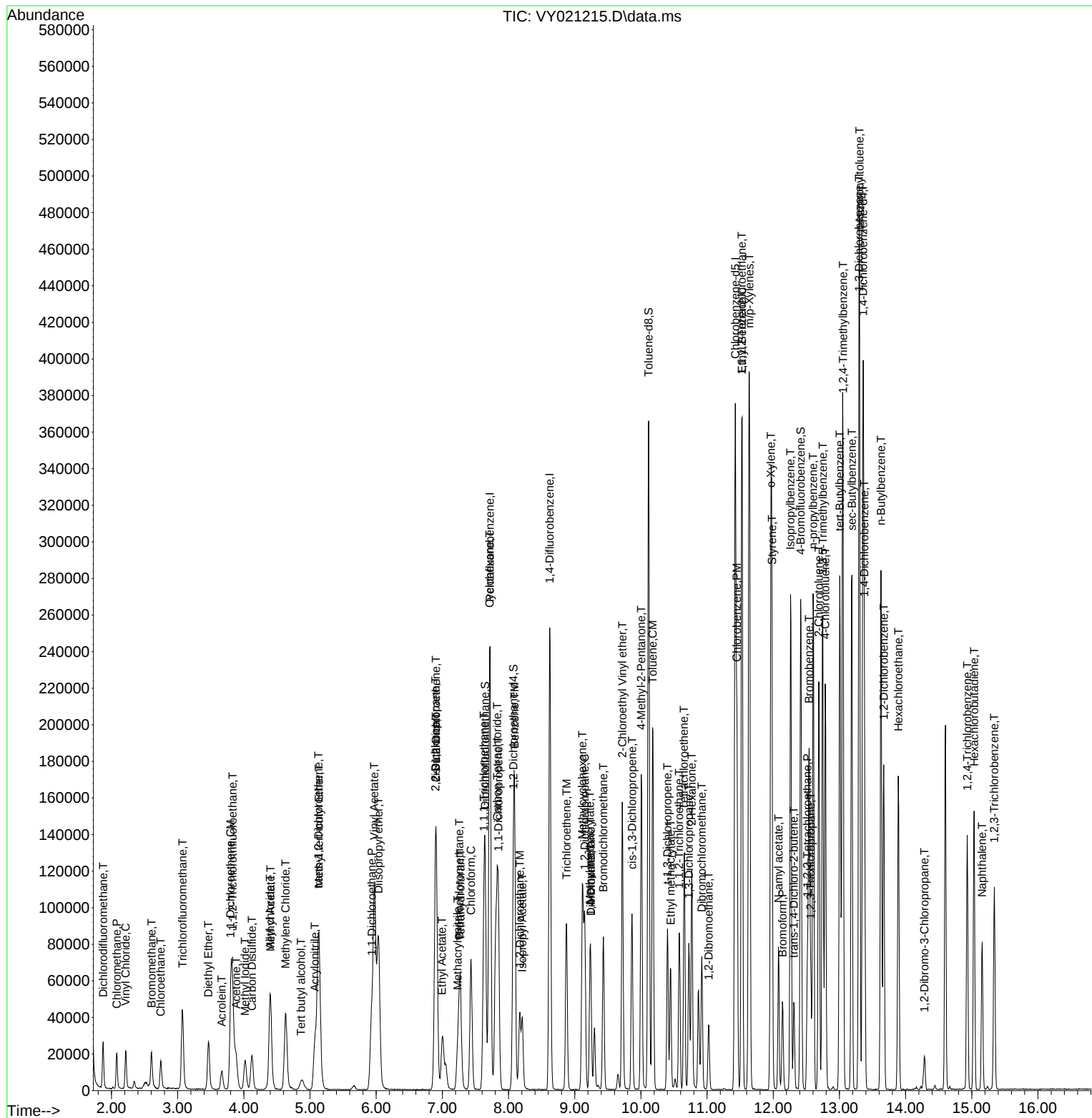
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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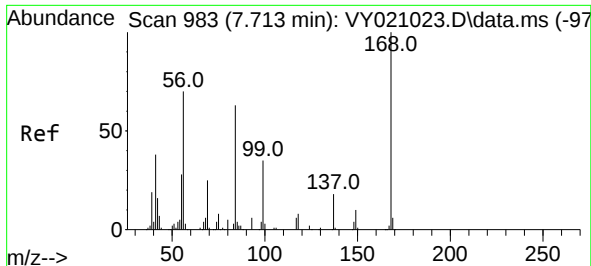
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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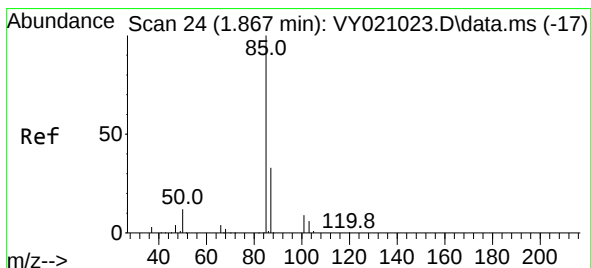
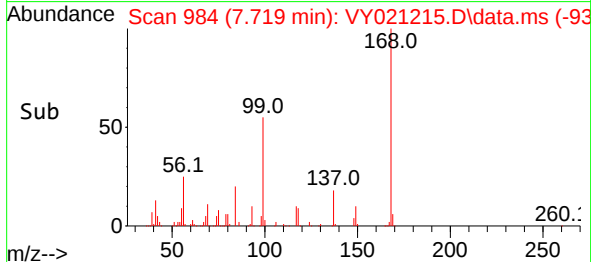
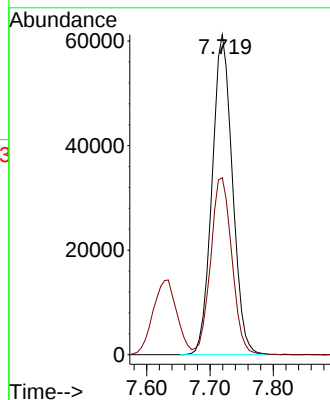
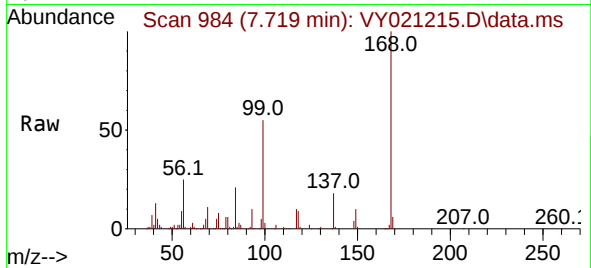




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021215.D
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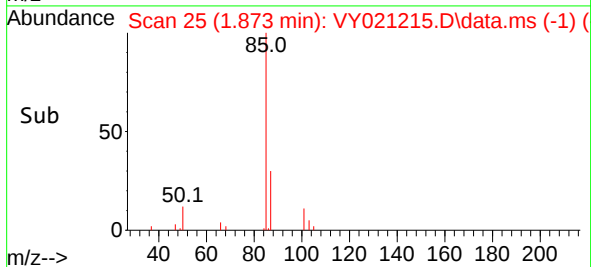
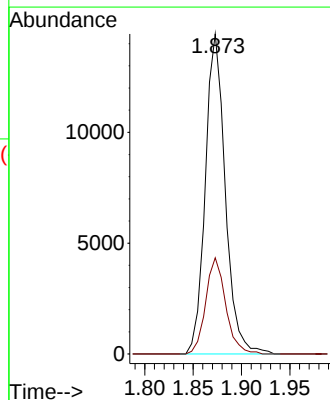
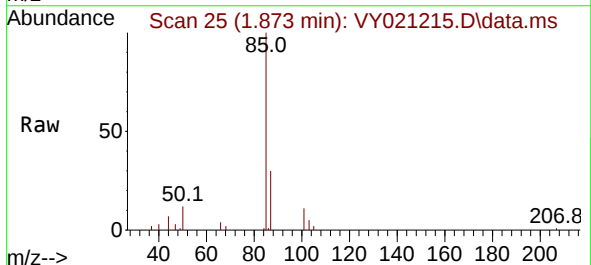
Instrument :
MSVOA_Y
ClientSampleId :

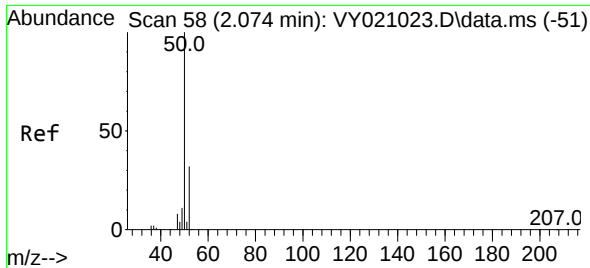
Tgt Ion:168 Resp: 136712
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 17.039 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 85 Resp: 20762
Ion Ratio Lower Upper
85 100
87 30.0 17.1 51.3

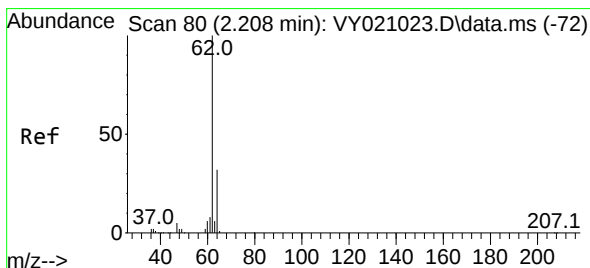
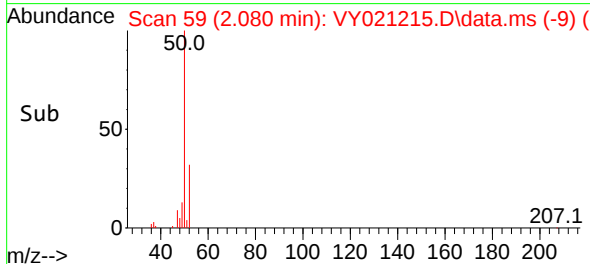
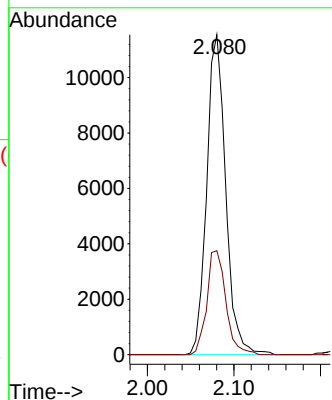
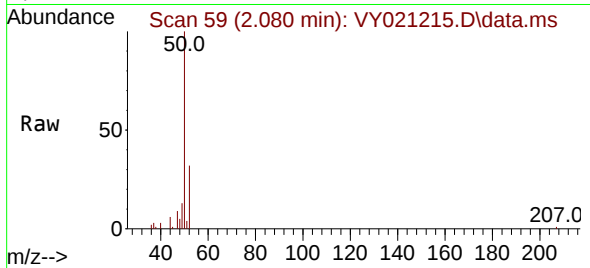




#3
Chloromethane
Concen: 14.603 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

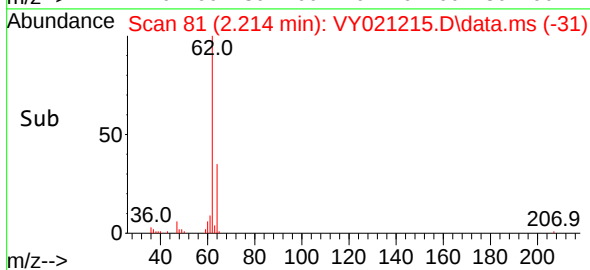
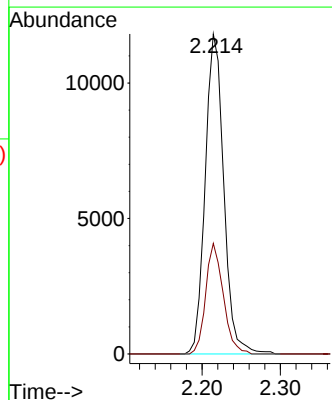
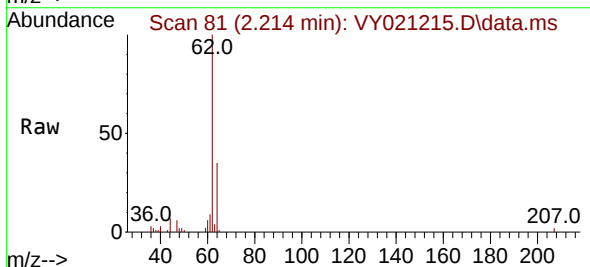
Instrument :
MSVOA_Y
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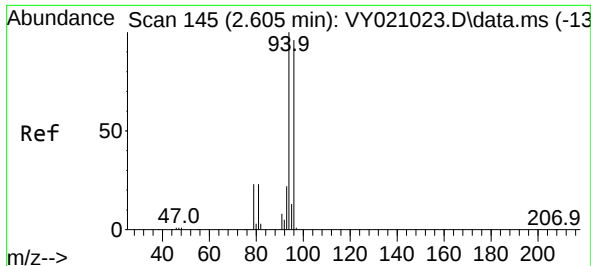
Tgt Ion: 50 Resp: 17558
Ion Ratio Lower Upper
50 100
52 32.5 26.7 40.1



#4
Vinyl Chloride
Concen: 16.042 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 62 Resp: 19414
Ion Ratio Lower Upper
62 100
64 34.6 25.7 38.5

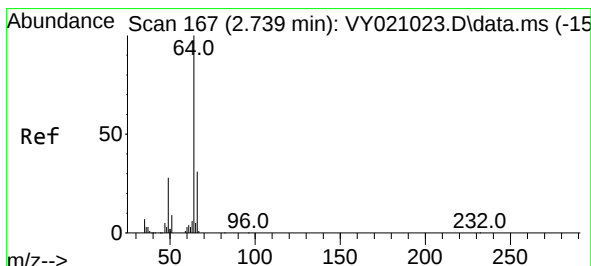
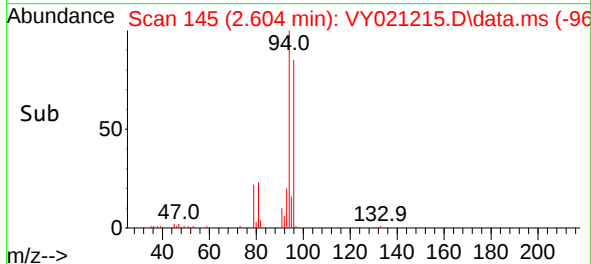
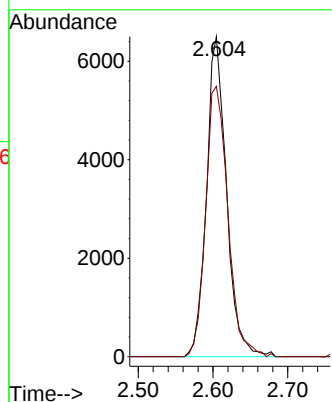
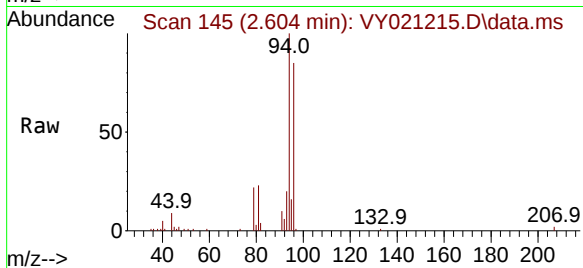




#5
Bromomethane
Concen: 16.126 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021215.D
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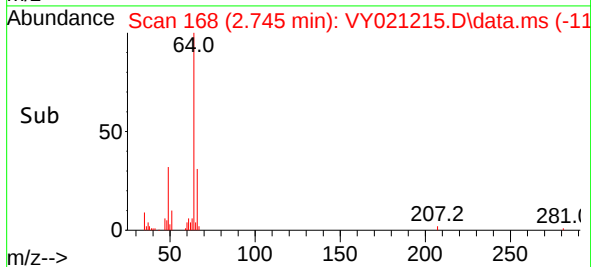
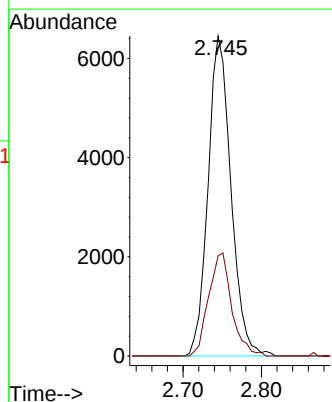
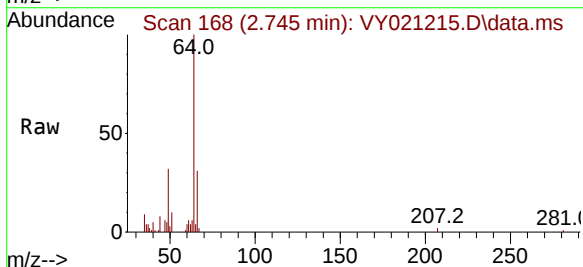
Instrument :
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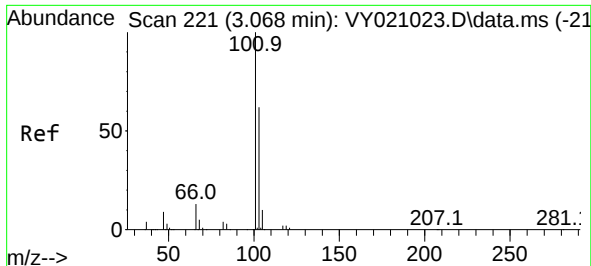
Tgt Ion: 94 Resp: 12062
Ion Ratio Lower Upper
94 100
96 84.5 77.3 115.9



#6
Chloroethane
Concen: 18.203 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 64 Resp: 13114
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

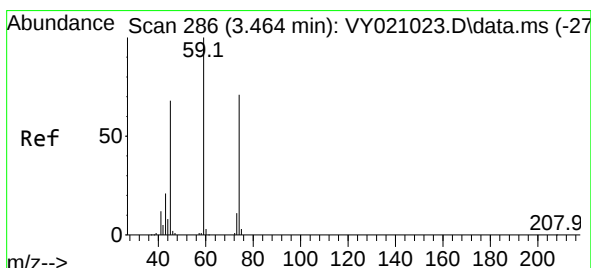
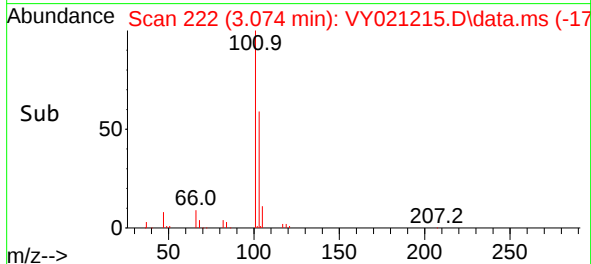
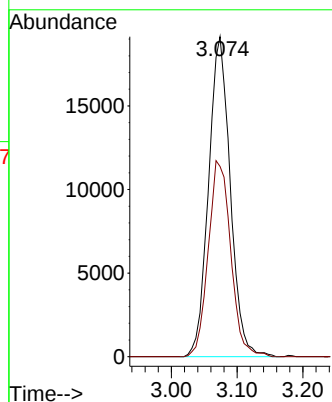
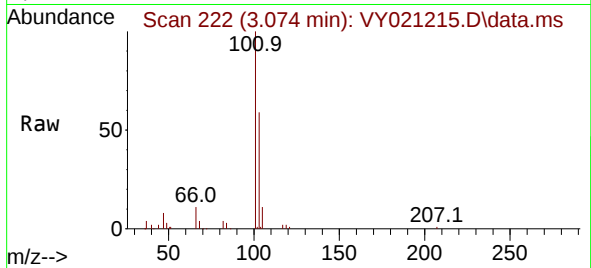




#7
Trichlorofluoromethane
Concen: 19.923 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

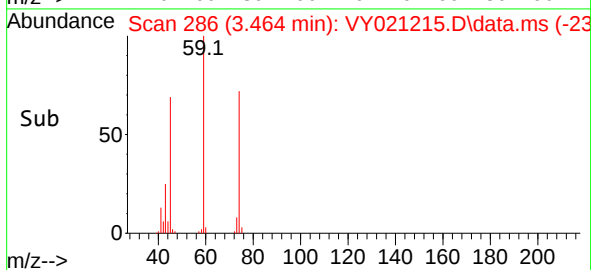
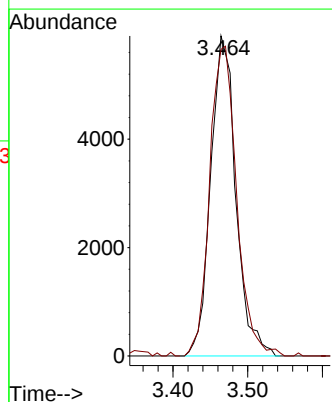
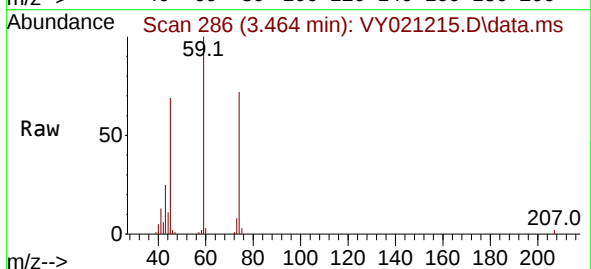
Instrument :
MSVOA_Y
ClientSampleId :

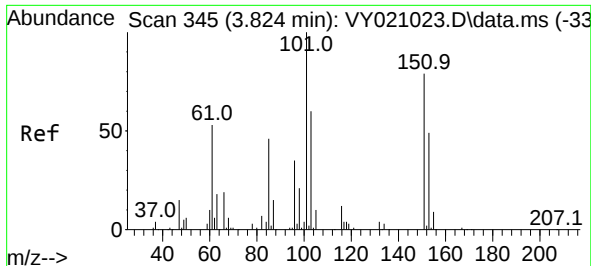
Tgt Ion:101 Resp: 43928
Ion Ratio Lower Upper
101 100
103 59.4 51.9 77.9



#8
Diethyl Ether
Concen: 20.113 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 74 Resp: 13844
Ion Ratio Lower Upper
74 100
45 103.6 47.9 143.7

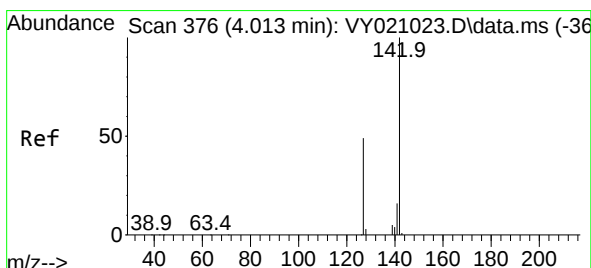
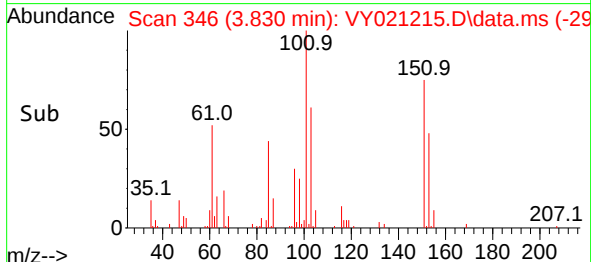
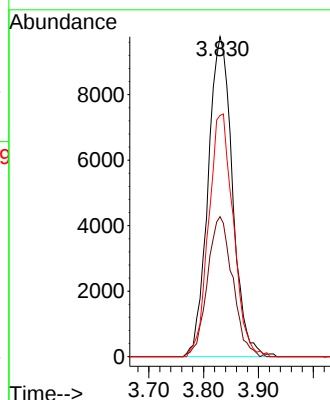
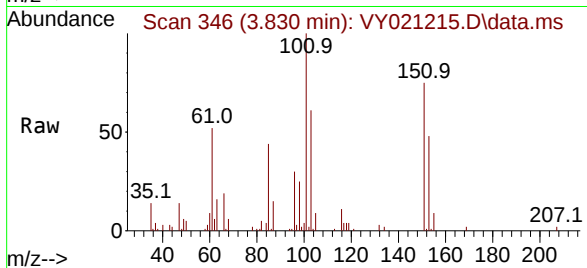




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.825 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

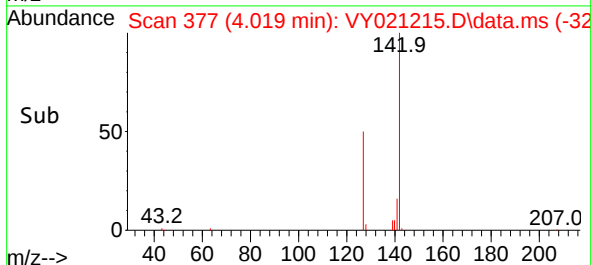
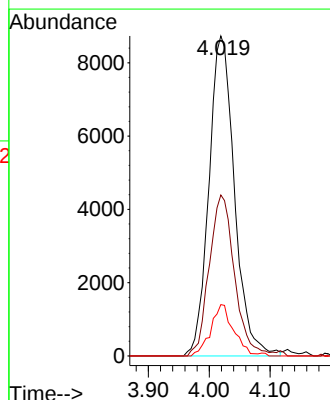
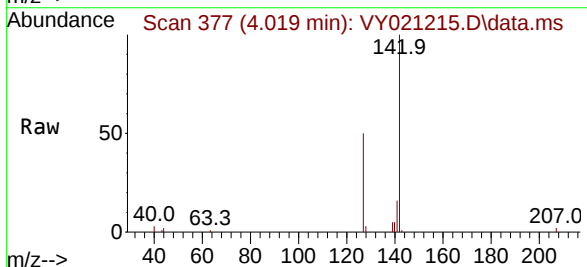
Instrument :
MSVOA_Y
ClientSampleId :

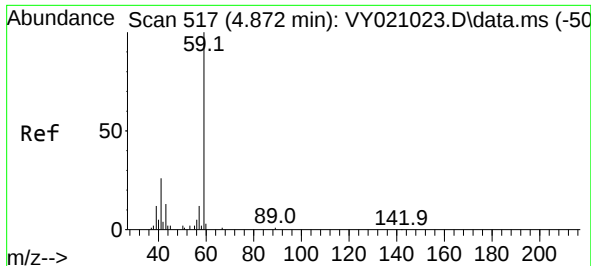
Tgt Ion:101 Resp: 30201
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 76.6 58.6 88.0



#10
Methyl Iodide
Concen: 16.567 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion:142 Resp: 25469
Ion Ratio Lower Upper
142 100
127 49.8 35.1 52.7
141 14.3 11.8 17.6





#11

Tert butyl alcohol

Concen: 117.530 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

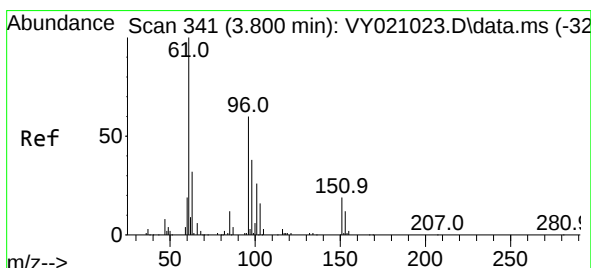
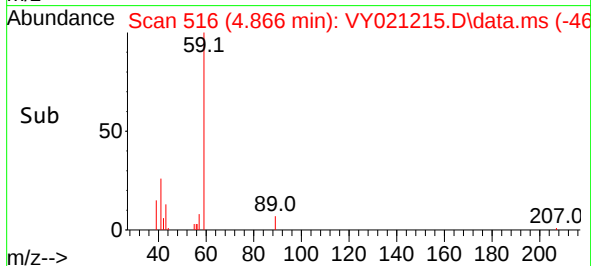
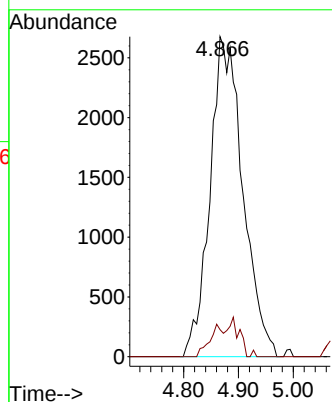
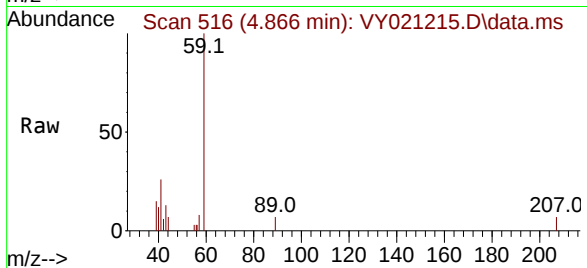
ClientSampleId :

Tgt Ion: 59 Resp: 11156

Ion Ratio Lower Upper

59 100

57 4.1 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 17.794 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.000 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

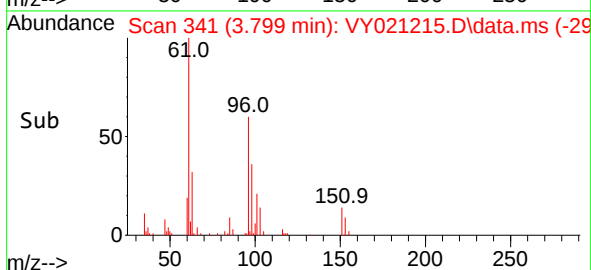
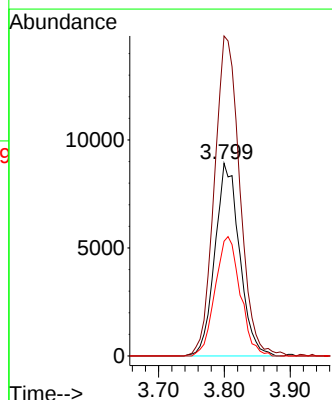
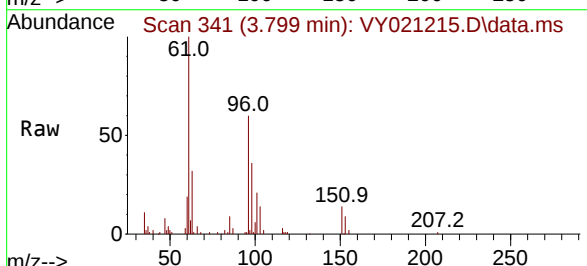
Tgt Ion: 96 Resp: 23195

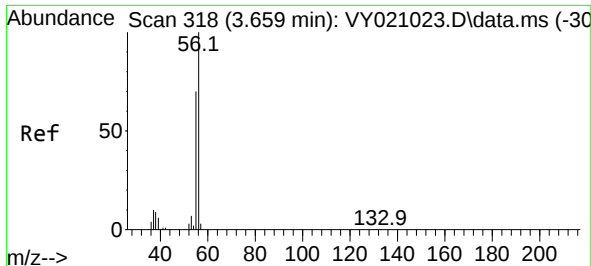
Ion Ratio Lower Upper

96 100

61 166.2 124.2 186.2

98 59.6 52.6 79.0





#13

Acrolein

Concen: 81.886 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

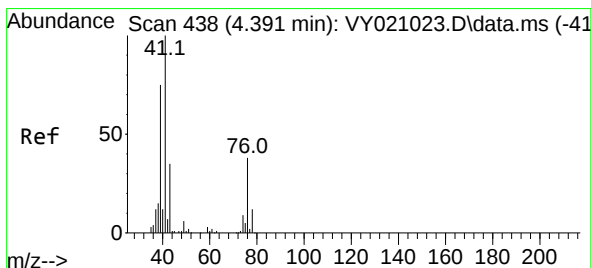
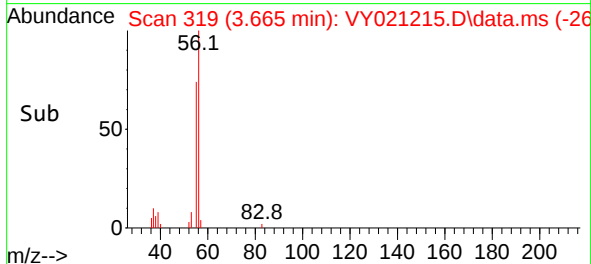
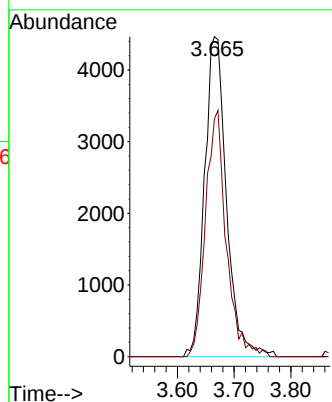
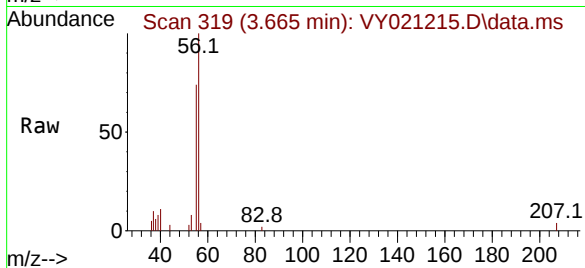
ClientSampleId :

Tgt Ion: 56 Resp: 11969

Ion Ratio Lower Upper

56 100

55 72.7 55.4 83.0



#14

Allyl chloride

Concen: 20.467 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

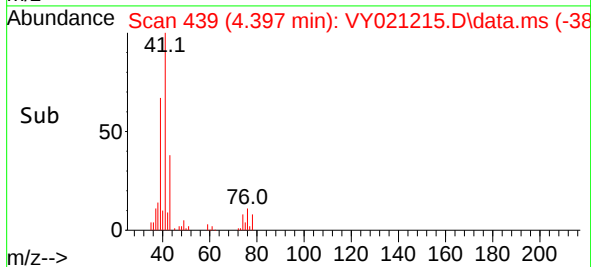
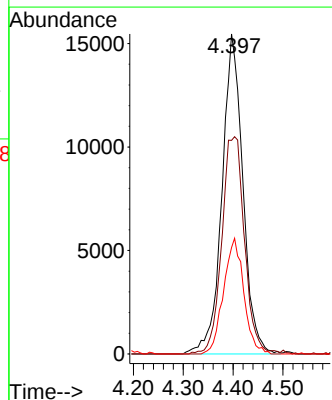
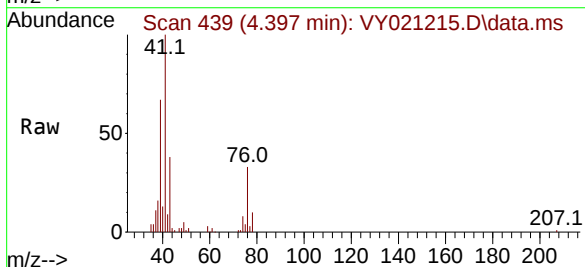
Tgt Ion: 41 Resp: 44963

Ion Ratio Lower Upper

41 100

39 73.8 54.7 82.1

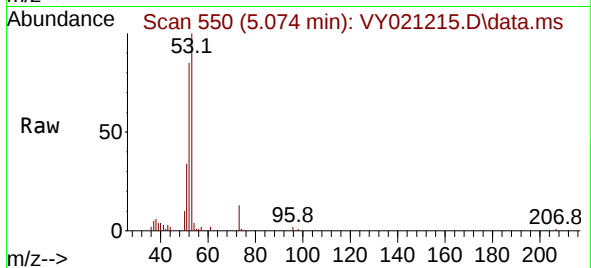
76 35.1 31.8 47.6



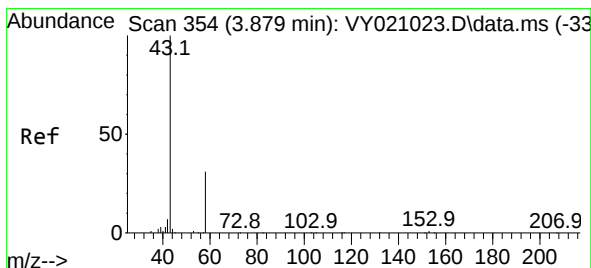
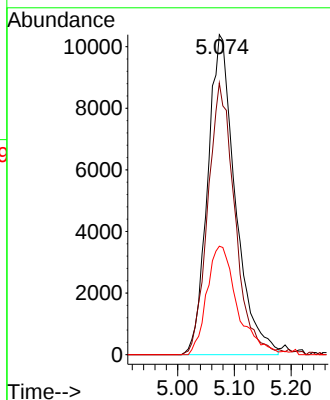
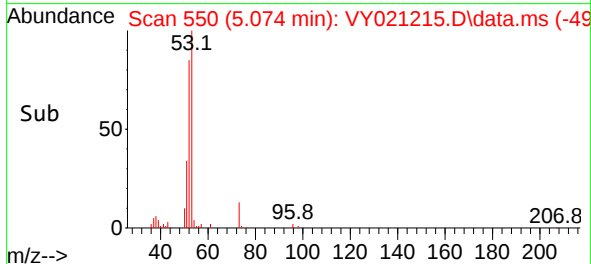


#15
Acrylonitrile
Concen: 123.055 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :

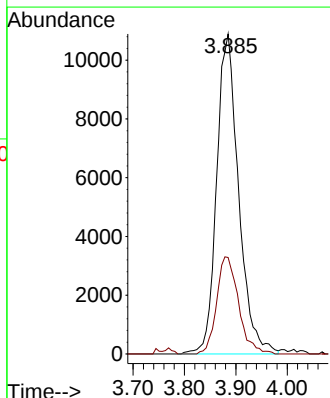
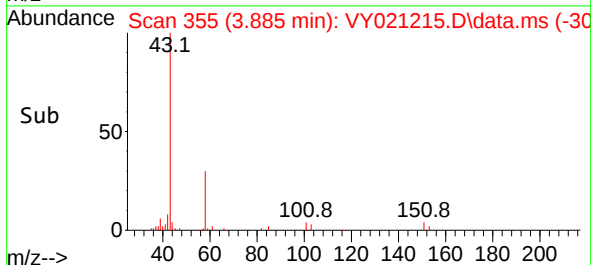
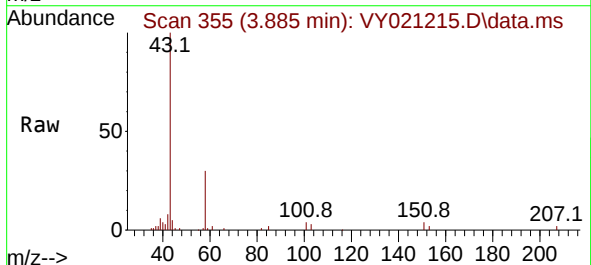


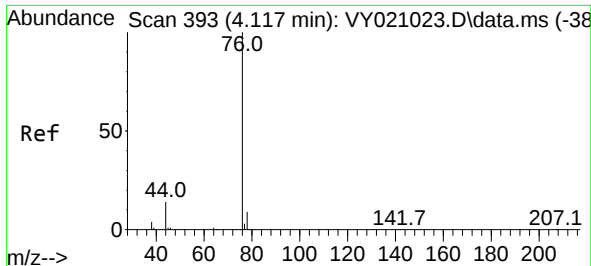
Tgt Ion: 53 Resp: 35270
Ion Ratio Lower Upper
53 100
52 82.6 65.1 97.7
51 37.2 29.0 43.4



#16
Acetone
Concen: 148.073 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 43 Resp: 32345
Ion Ratio Lower Upper
43 100
58 30.2 26.6 39.8

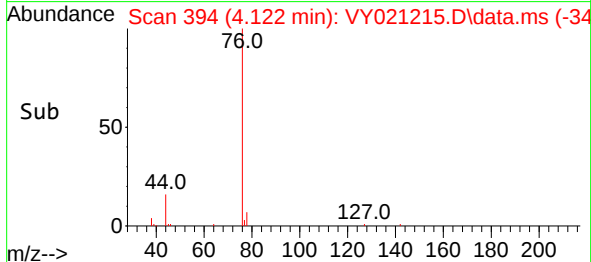
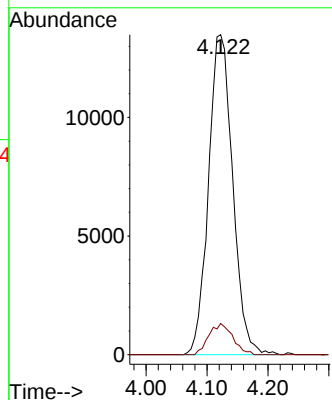
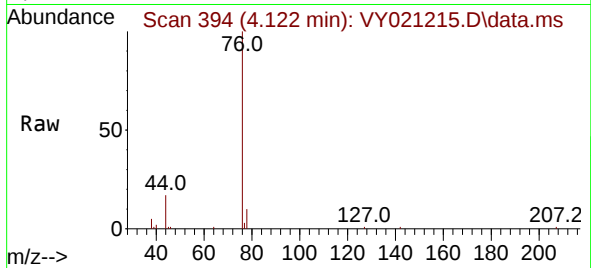




#17
Carbon Disulfide
Concen: 9.108 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

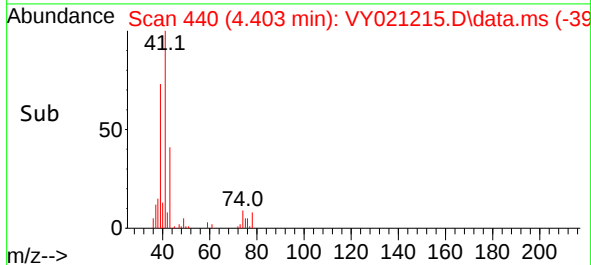
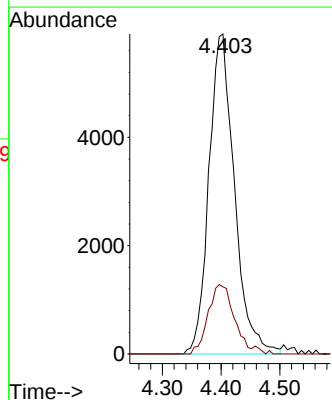
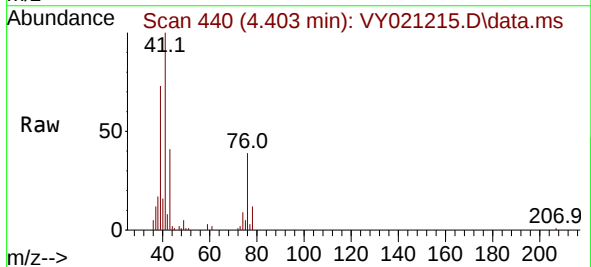
Instrument :
MSVOA_Y
ClientSampleId :

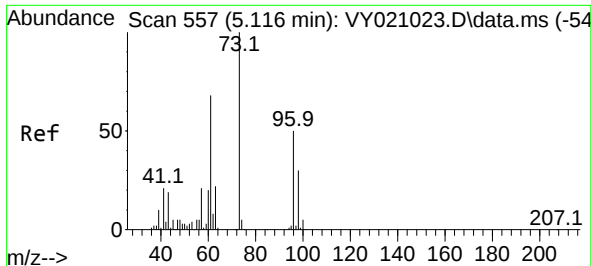
Tgt Ion: 76 Resp: 37230
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 23.261 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 43 Resp: 17837
Ion Ratio Lower Upper
43 100
74 21.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 24.057 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

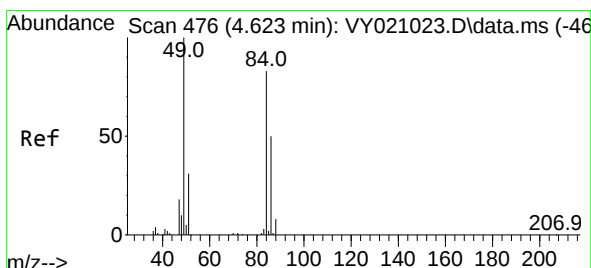
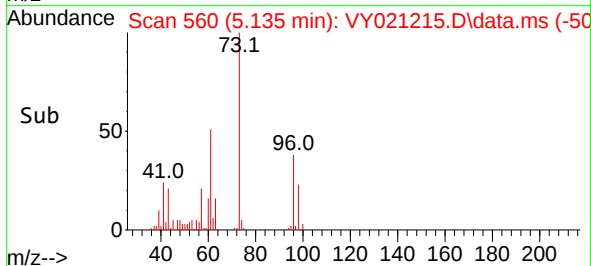
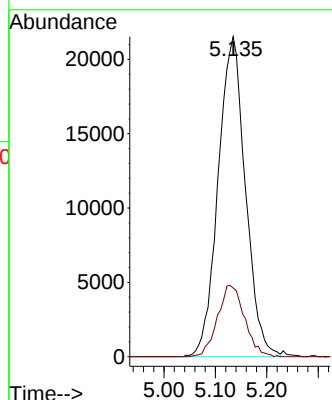
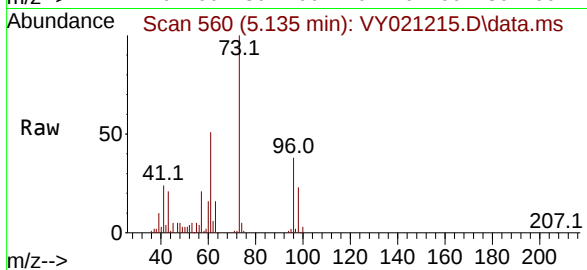
ClientSampleId :

Tgt Ion: 73 Resp: 79260

Ion Ratio Lower Upper

73 100

57 21.4 17.7 26.5



#20

Methylene Chloride

Concen: 21.118 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion: 84 Resp: 28677

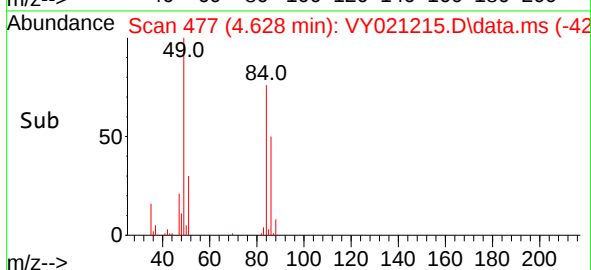
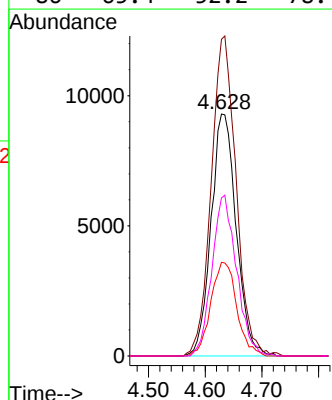
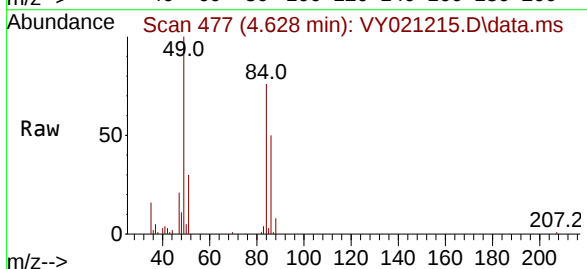
Ion Ratio Lower Upper

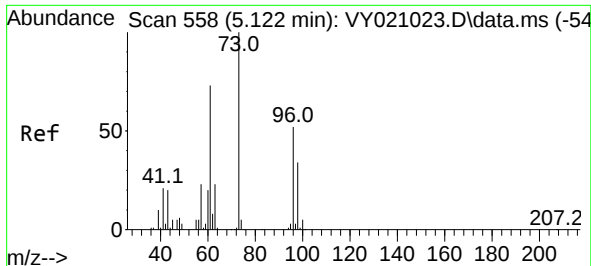
84 100

49 130.9 95.2 142.8

51 38.7 29.9 44.9

86 65.4 52.2 78.4

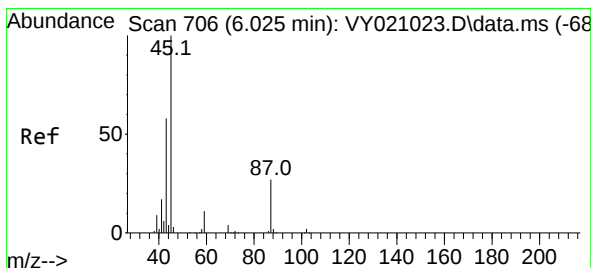
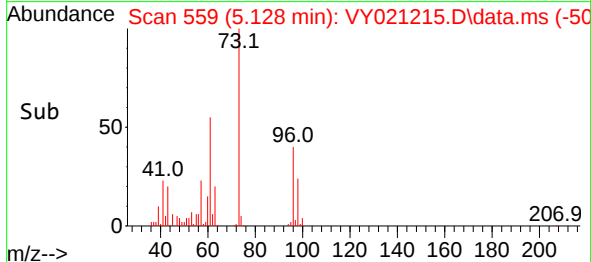
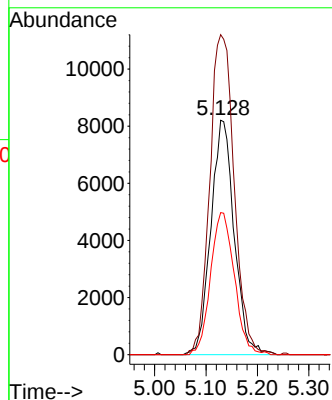
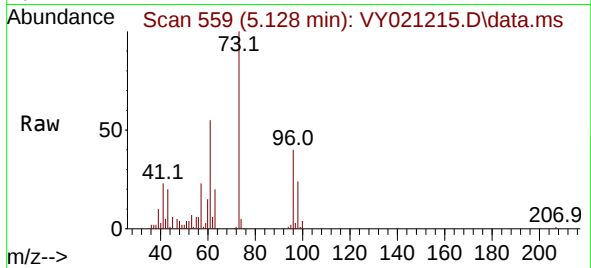




#21
trans-1,2-Dichloroethene
Concen: 18.045 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

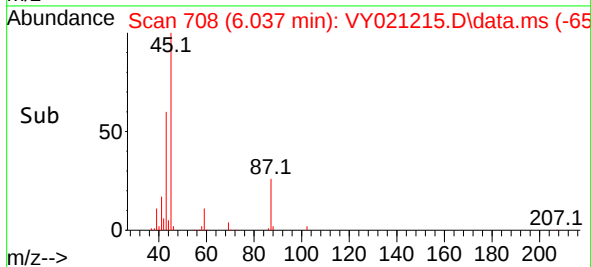
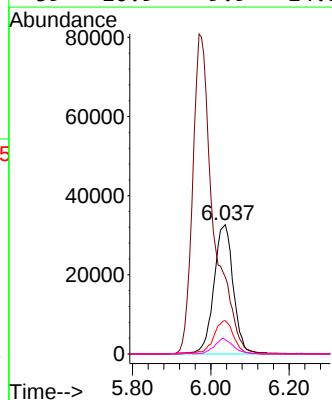
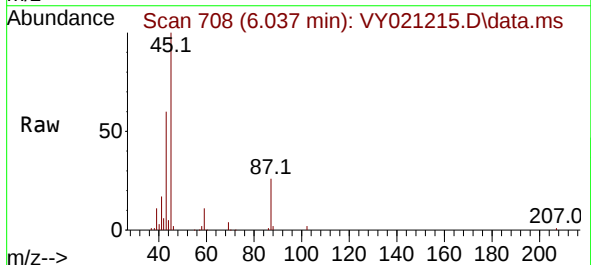
Instrument :
MSVOA_Y
ClientSampleId :

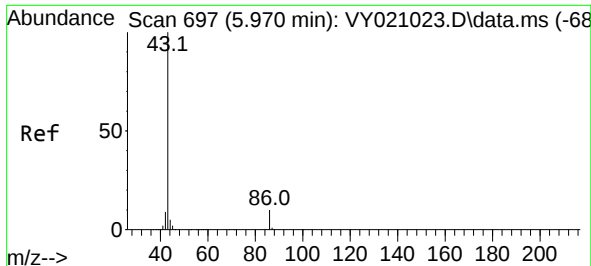
Tgt Ion: 96 Resp: 25892
Ion Ratio Lower Upper
96 100
61 136.5 104.6 156.8
98 60.6 50.9 76.3



#22
Diisopropyl ether
Concen: 24.780 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 45 Resp: 112211
Ion Ratio Lower Upper
45 100
43 59.1 46.8 70.2
87 25.8 22.2 33.2
59 10.9 9.9 14.9

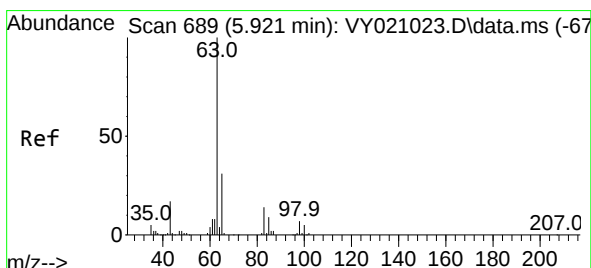
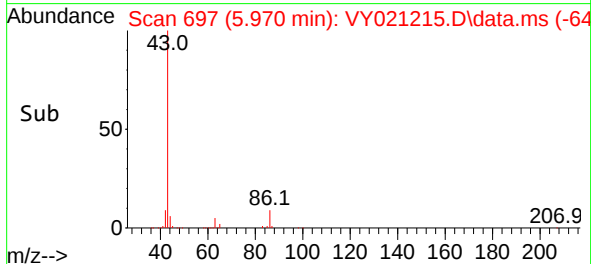
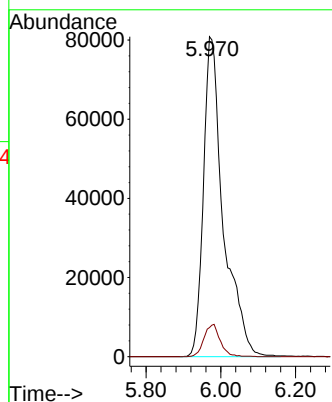
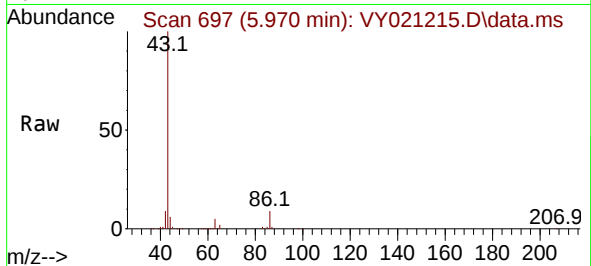




#23
 Vinyl Acetate
 Concen: 118.356 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021215.D
 Acq: 17 Feb 2025 12:28

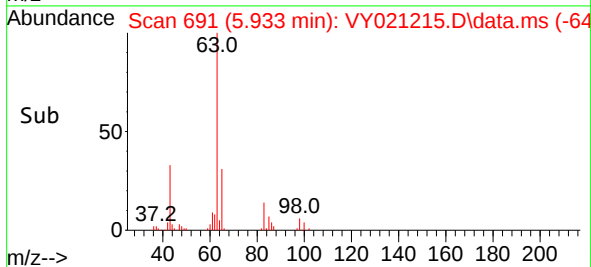
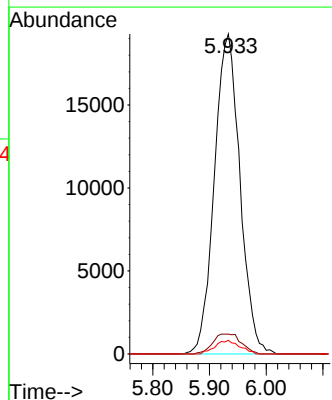
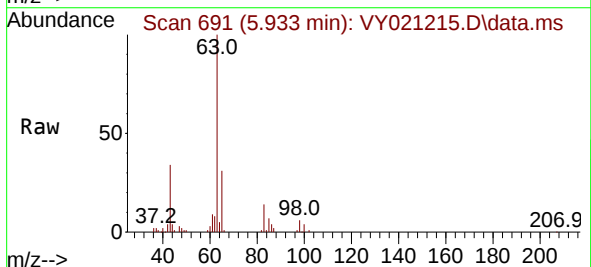
Instrument :
 MSVOA_Y
 ClientSampleId :

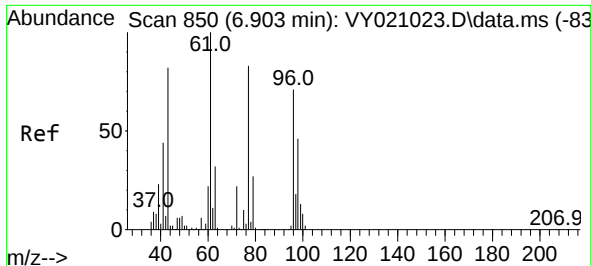
Tgt Ion: 43 Resp: 298769
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.759 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021215.D
 Acq: 17 Feb 2025 12:28

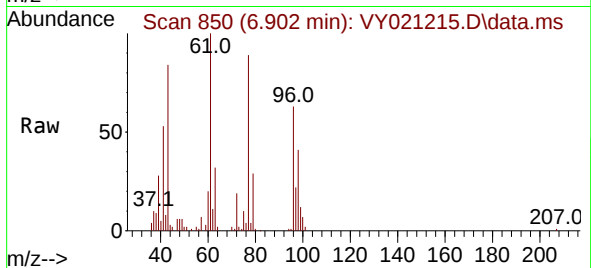
Tgt Ion: 63 Resp: 60380
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 4.2 2.1 6.2



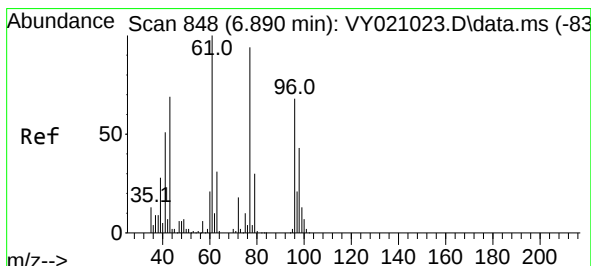
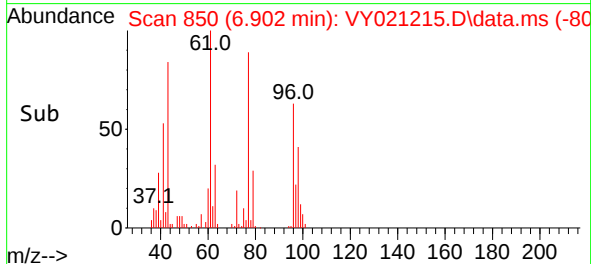
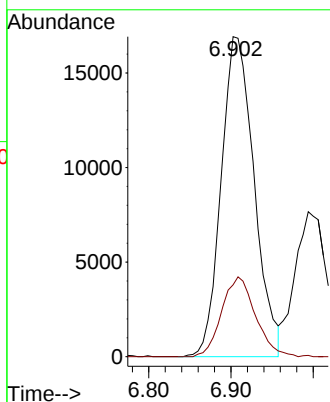


#25
2-Butanone
Concen: 131.651 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :

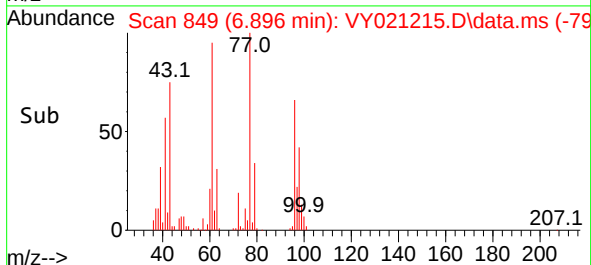
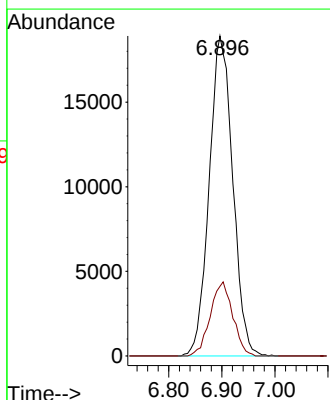
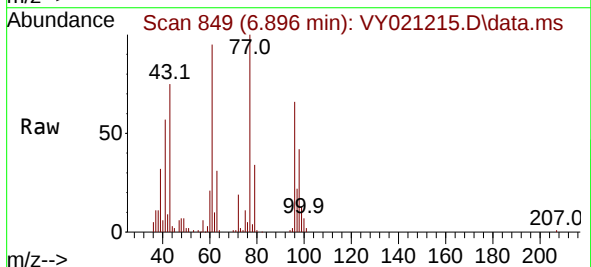


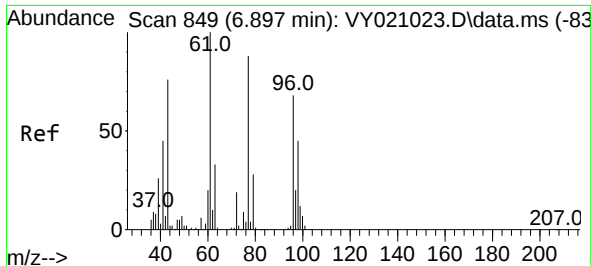
Tgt Ion: 43 Resp: 47257
Ion Ratio Lower Upper
43 100
72 22.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.755 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

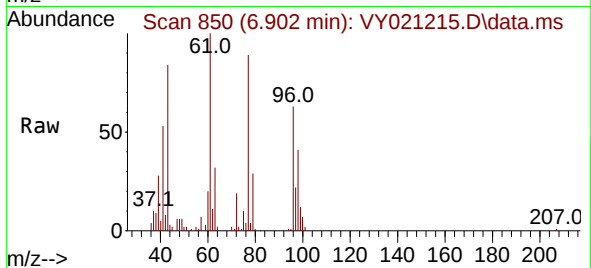
Tgt Ion: 77 Resp: 58315
Ion Ratio Lower Upper
77 100
97 22.2 11.7 35.0





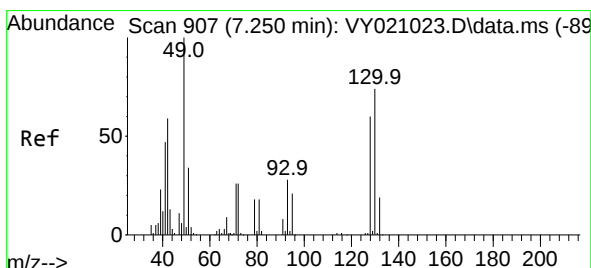
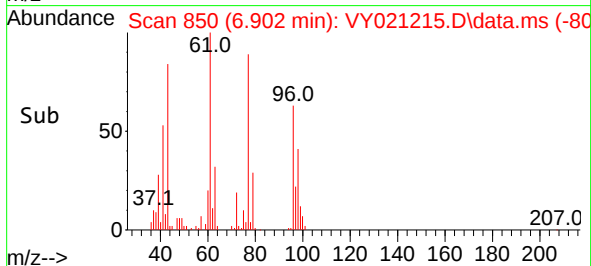
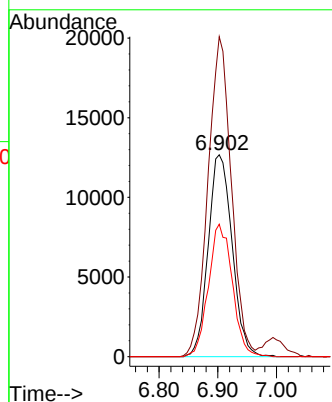
#27
 cis-1,2-Dichloroethene
 Concen: 21.728 ug/l
 RT: 6.902 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VY021215.D
 Acq: 17 Feb 2025 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 35885

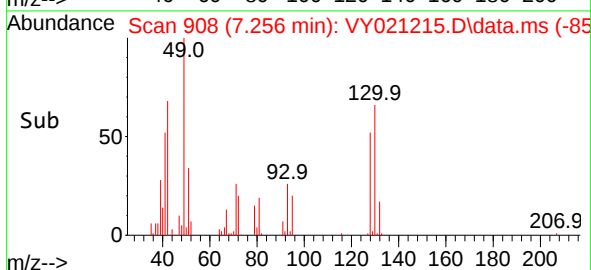
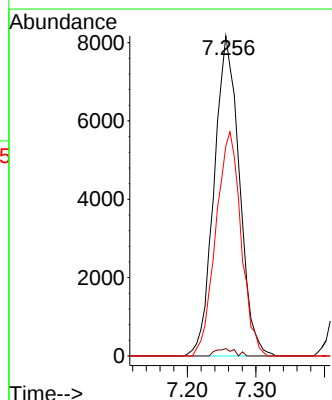
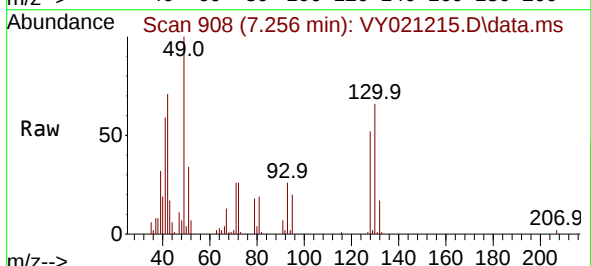
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	278.8
98	65.5	0.0	127.0

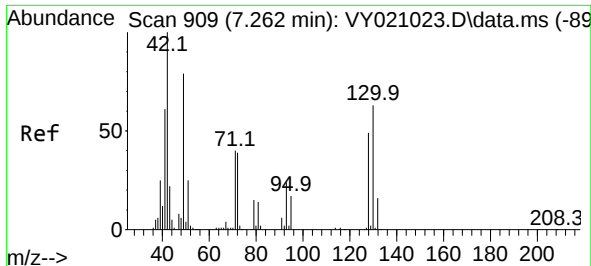


#28
 Bromochloromethane
 Concen: 19.897 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021215.D
 Acq: 17 Feb 2025 12:28

Tgt Ion: 49 Resp: 20874

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	69.9	59.8	89.8





#29

Tetrahydrofuran

Concen: 116.455 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021215.D

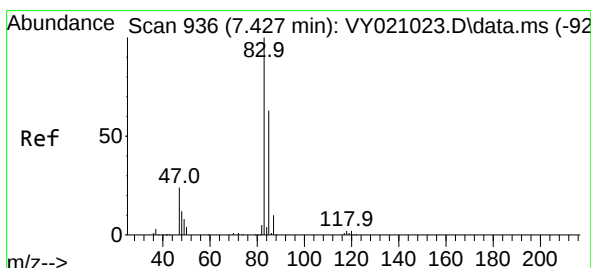
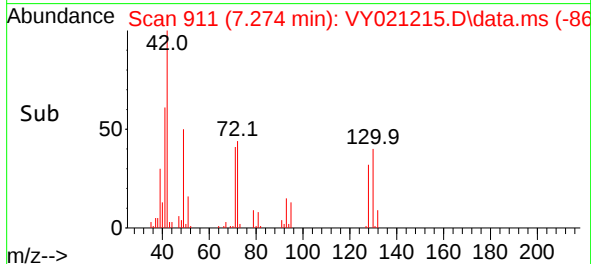
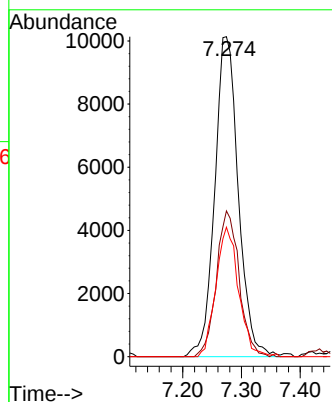
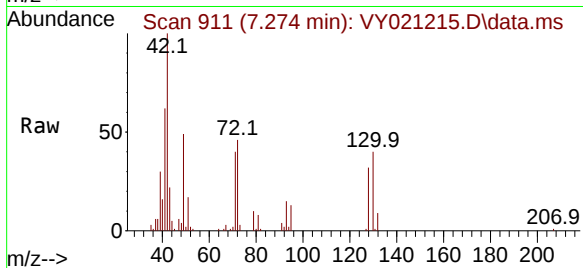
Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	28286
Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.6	54.8
71	39.0	33.8	50.6



#30

Chloroform

Concen: 24.292 ug/l

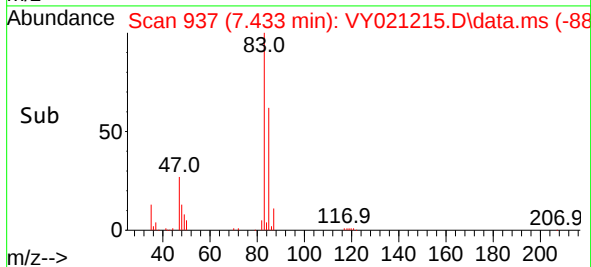
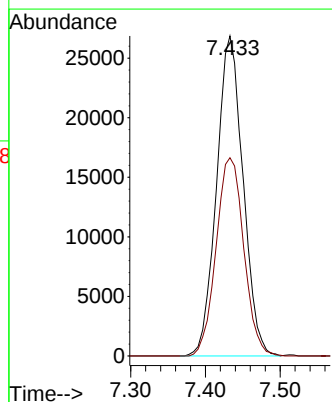
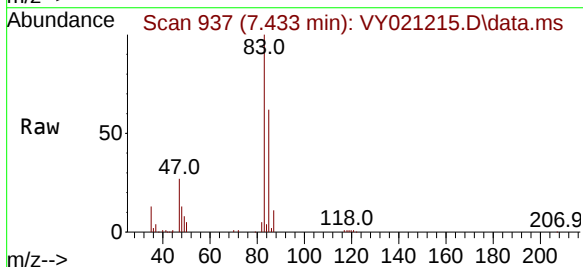
RT: 7.433 min Scan# 937

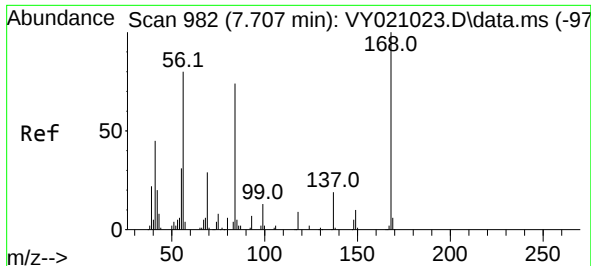
Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion:	83	Resp:	66198
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.2	76.8

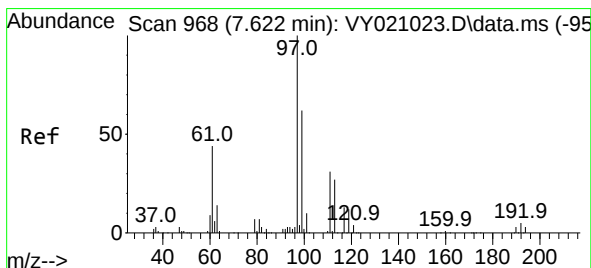
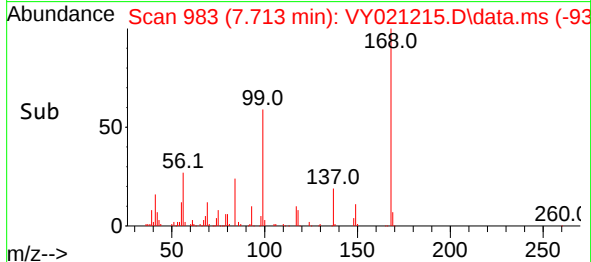
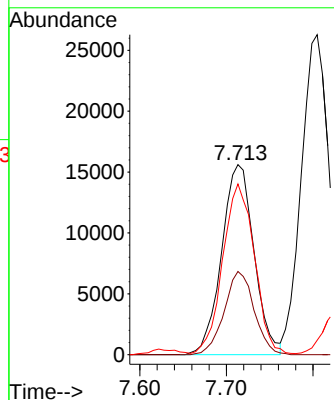
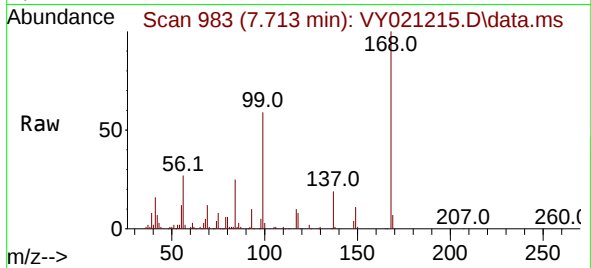




#31
Cyclohexane
Concen: 16.998 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

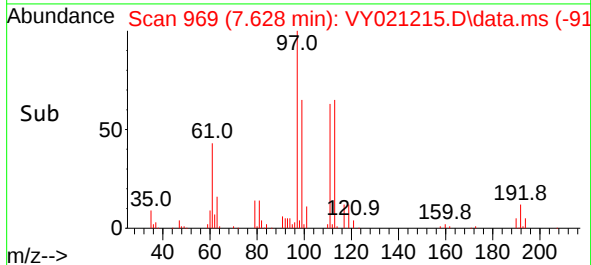
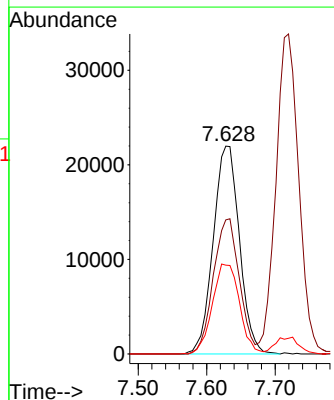
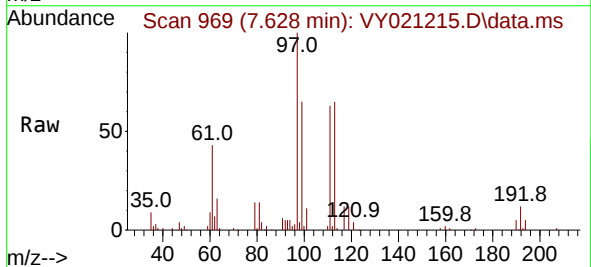
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 40611
Ion Ratio Lower Upper
56 100
69 43.8 27.0 40.6#
84 88.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 23.040 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 97 Resp: 58373
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 44.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 45.904 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

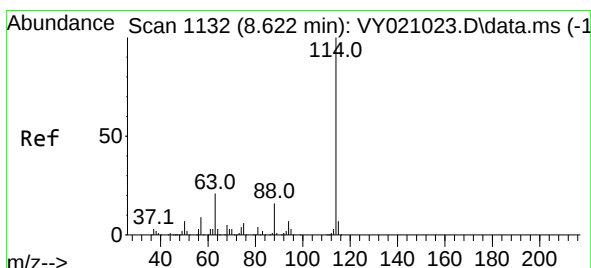
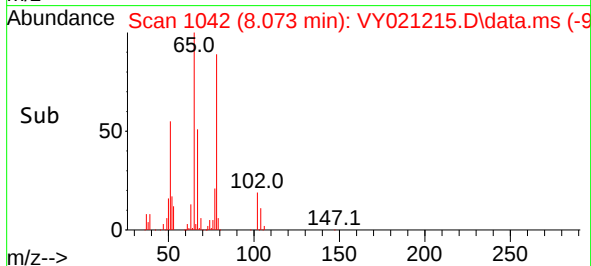
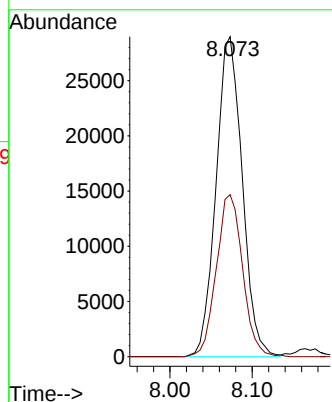
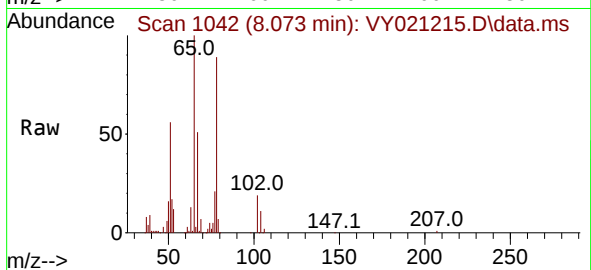
ClientSampleId :

Tgt Ion: 65 Resp: 64299

Ion Ratio Lower Upper

65 100

67 50.6 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: VY021215.D

Acq: 17 Feb 2025 12:28

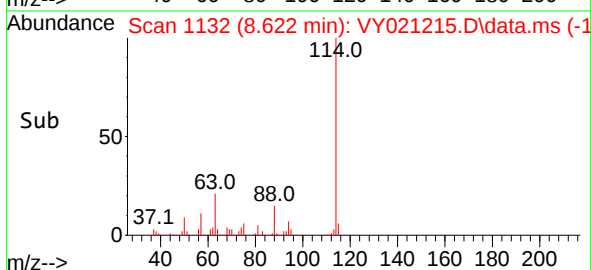
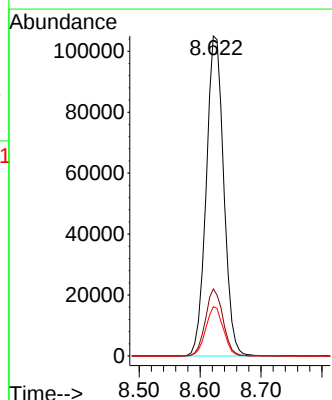
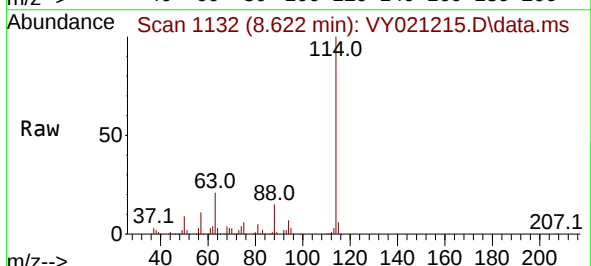
Tgt Ion:114 Resp: 209409

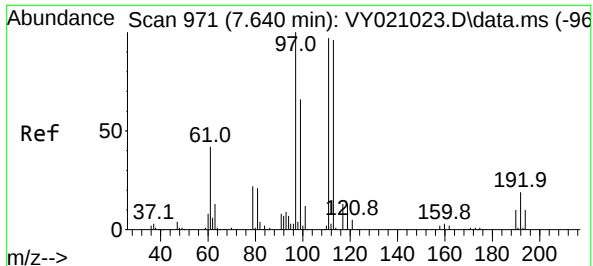
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

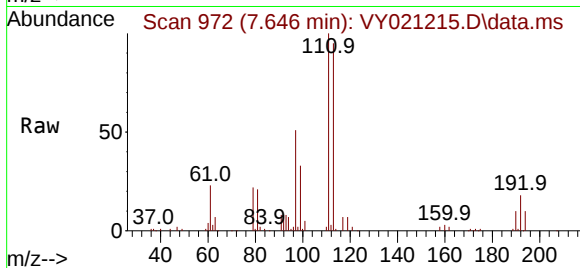
88 15.4 0.0 29.0



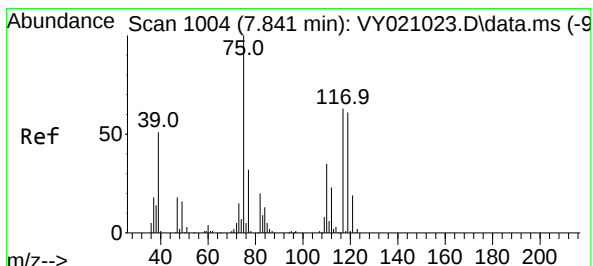
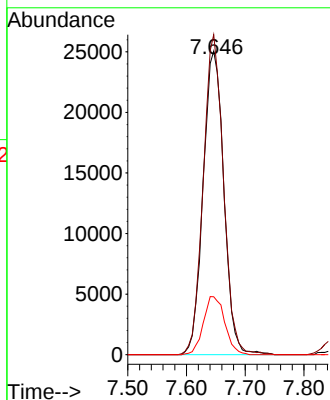
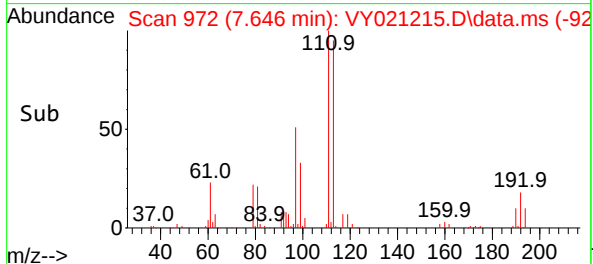


#35
Dibromofluoromethane
Concen: 45.743 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

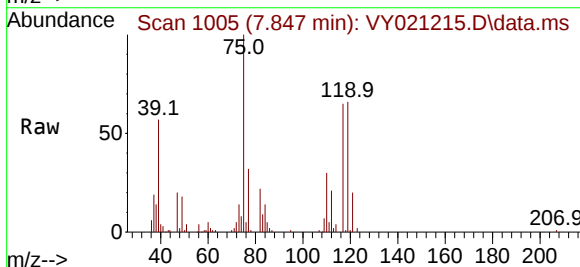
Instrument :
MSVOA_Y
ClientSampleId :



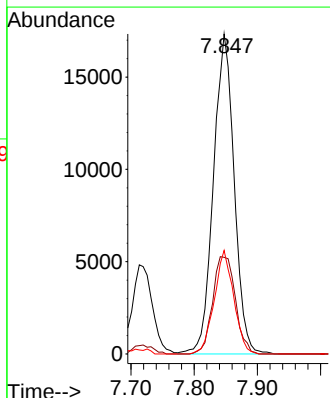
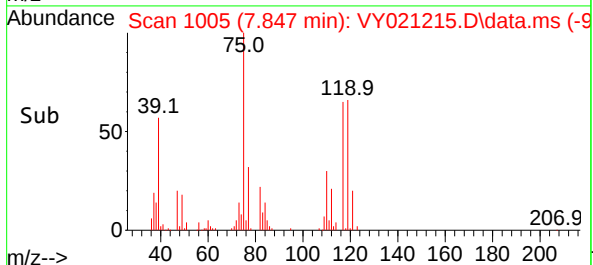
Tgt Ion:113 Resp: 61388
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.8 14.5 21.7

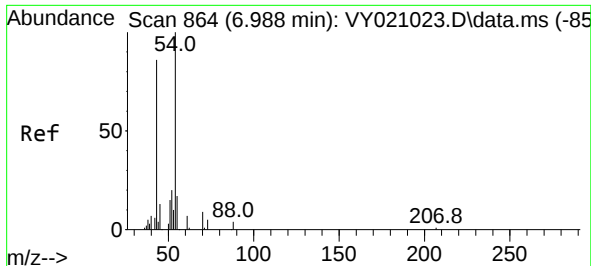


#36
1,1-Dichloropropene
Concen: 19.813 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28



Tgt Ion: 75 Resp: 39384
Ion Ratio Lower Upper
75 100
110 33.4 17.4 52.3
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 24.590 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

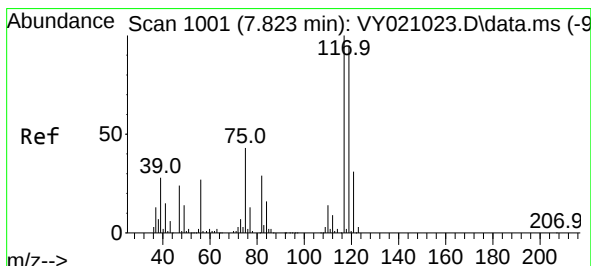
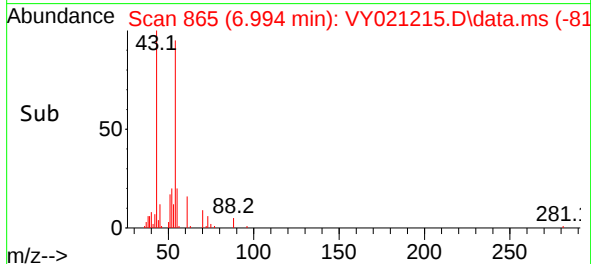
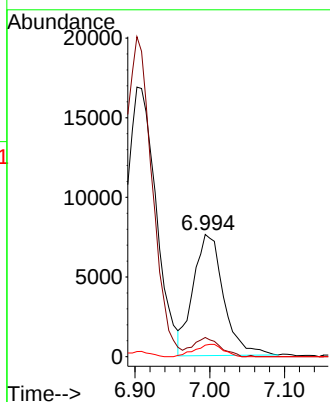
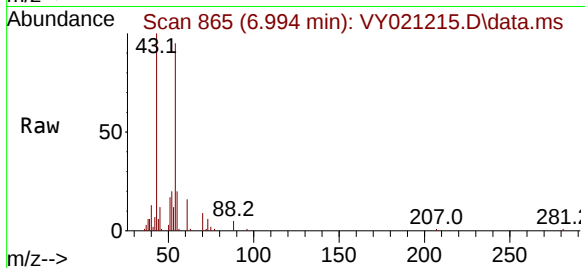
Tgt Ion: 43 Resp: 21443

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.6

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 22.556 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

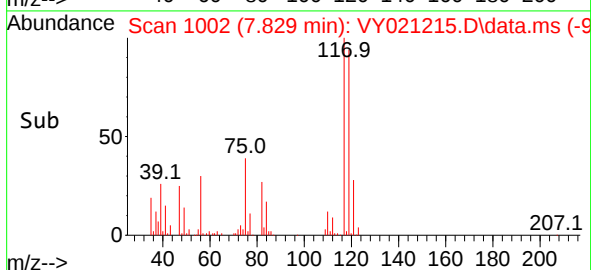
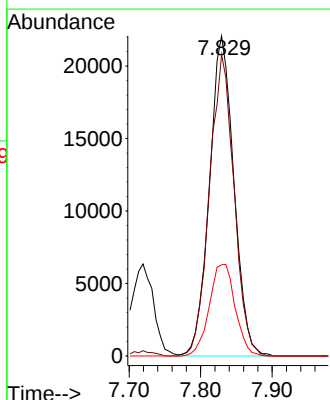
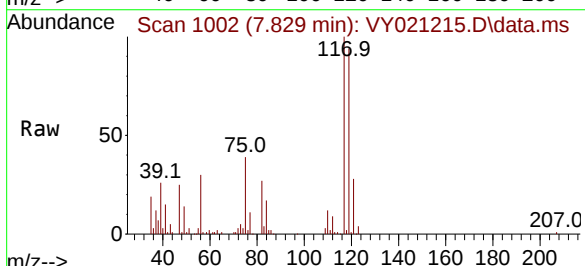
Tgt Ion: 117 Resp: 52390

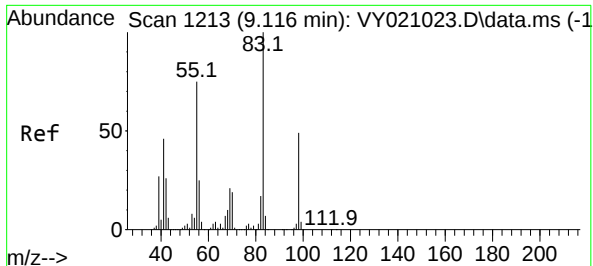
Ion Ratio Lower Upper

117 100

119 94.2 76.0 114.0

121 28.5 24.2 36.2





#39

Methylcyclohexane

Concen: 17.499 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

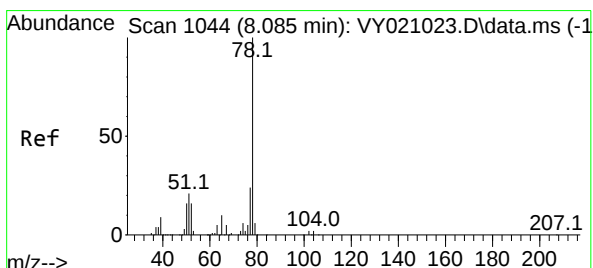
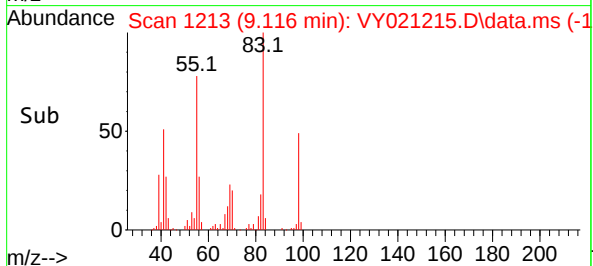
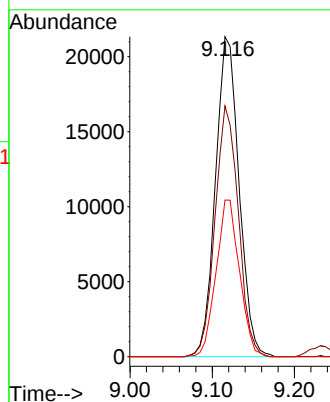
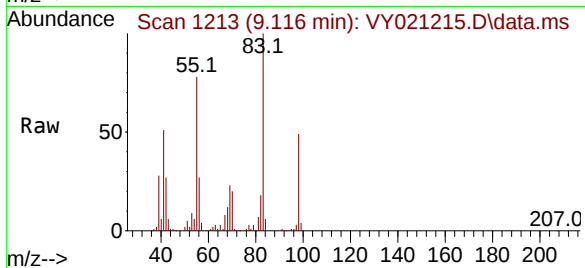
Tgt Ion: 83 Resp: 42548

Ion Ratio Lower Upper

83 100

55 78.4 59.7 89.5

98 49.0 38.0 57.0



#40

Benzene

Concen: 21.067 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021215.D

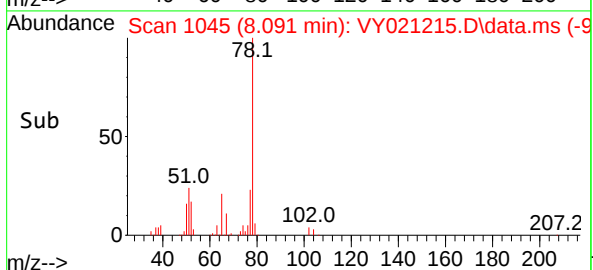
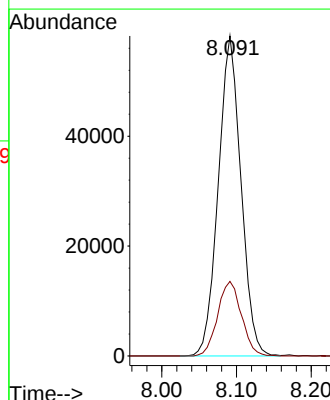
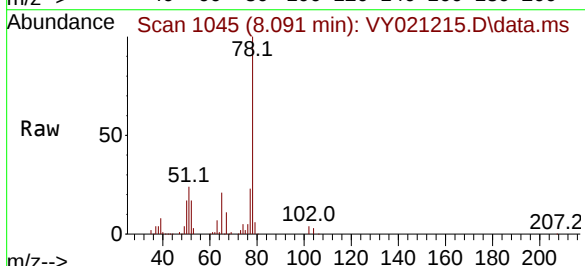
Acq: 17 Feb 2025 12:28

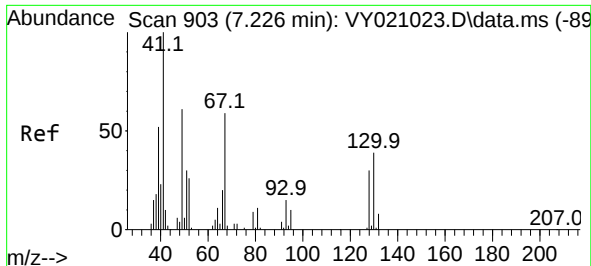
Tgt Ion: 78 Resp: 122890

Ion Ratio Lower Upper

78 100

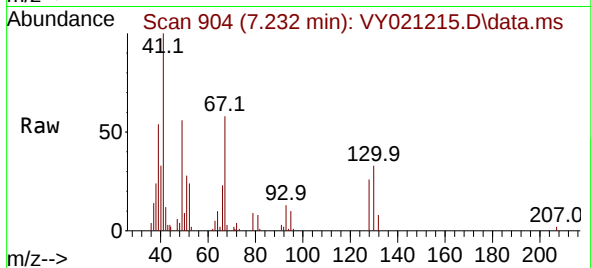
77 23.3 18.8 28.2



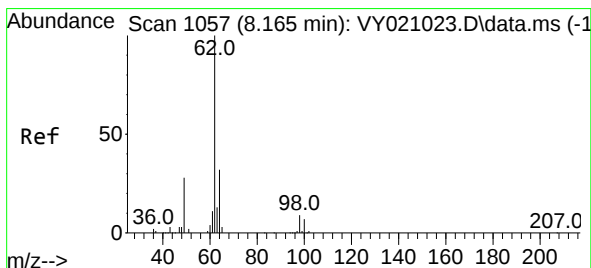
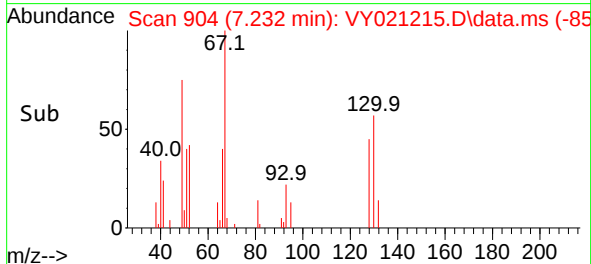
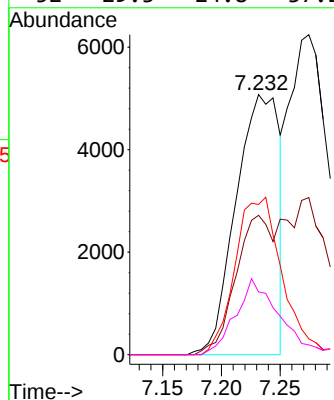


#41
Methacrylonitrile
Concen: 25.854 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :

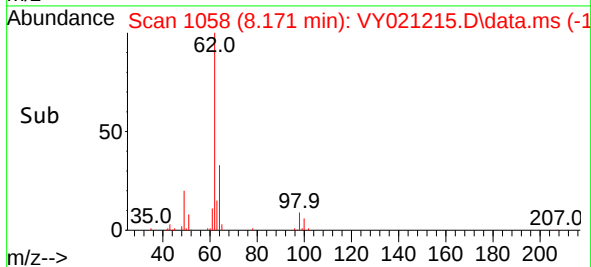
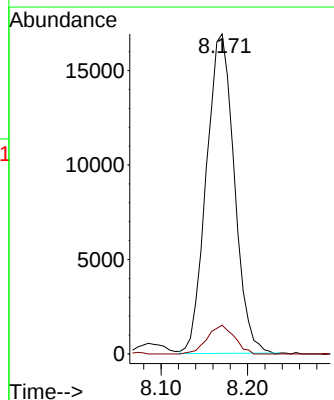
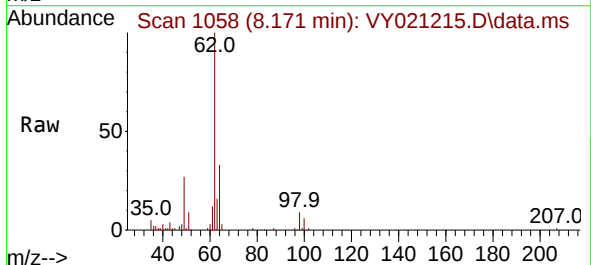


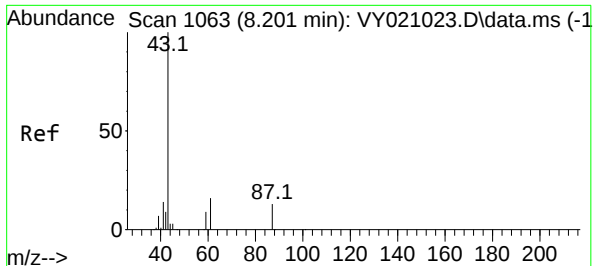
Tgt Ion:	41	Resp:	13043
Ion	Ratio	Lower	Upper
41	100		
39	45.1	41.9	62.9
67	65.7	59.8	89.6
52	29.3	24.8	37.2



#42
1,2-Dichloroethane
Concen: 23.432 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion:	62	Resp:	37918
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 25.355 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY021215.D

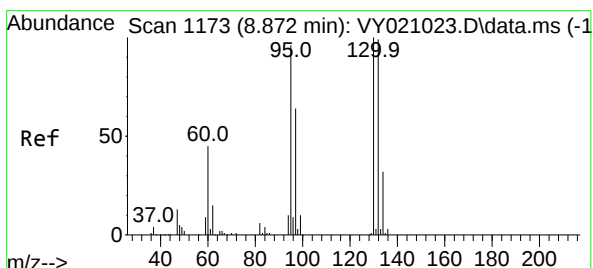
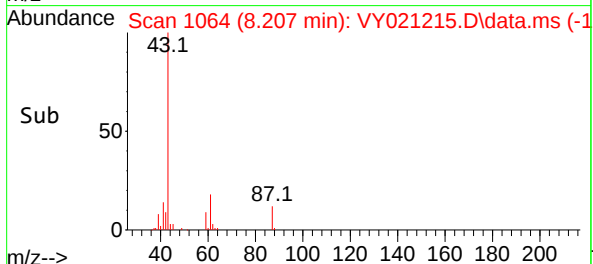
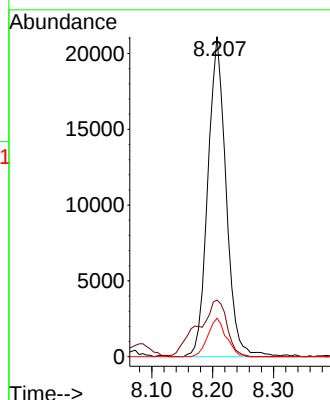
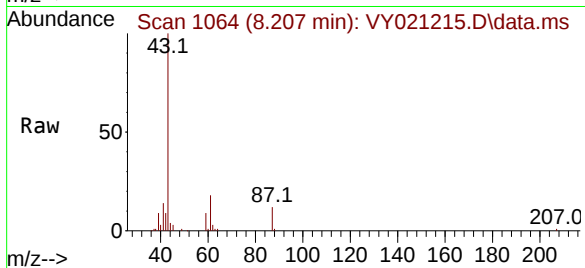
Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 43934
Ion Ratio	Lower Upper
43	100
61	28.1 24.8 37.2
87	12.0 10.7 16.1



#44

Trichloroethene

Concen: 21.370 ug/l

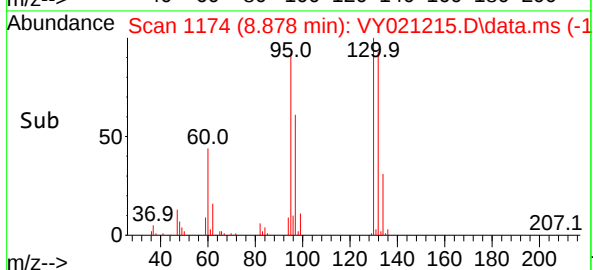
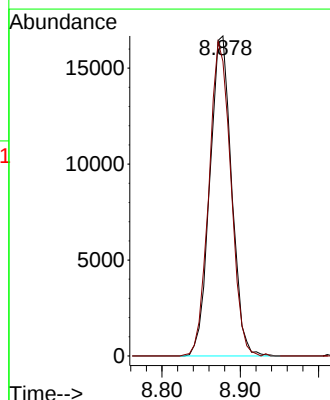
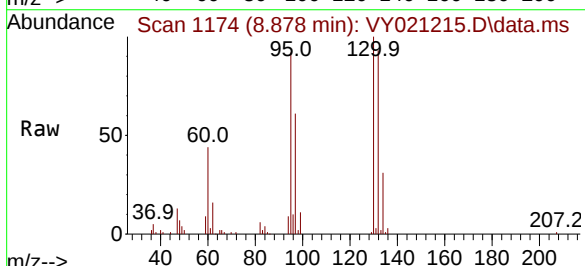
RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion: 130	Resp: 32207
Ion Ratio	Lower Upper
130	100
95	92.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 24.573 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

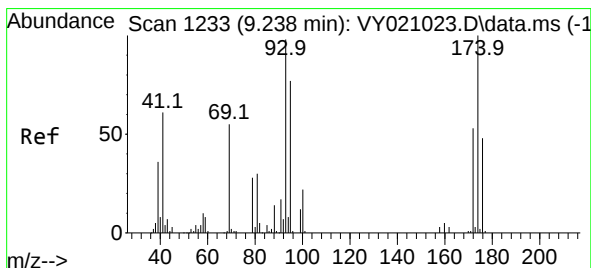
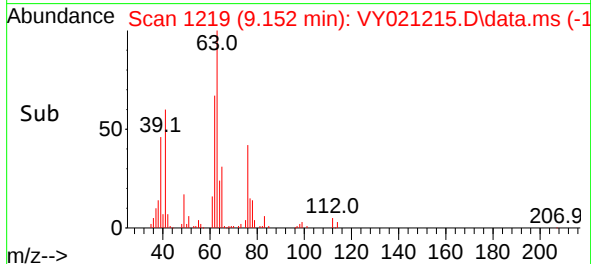
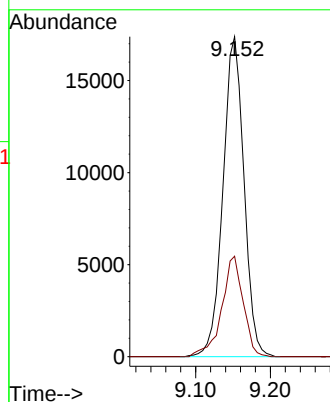
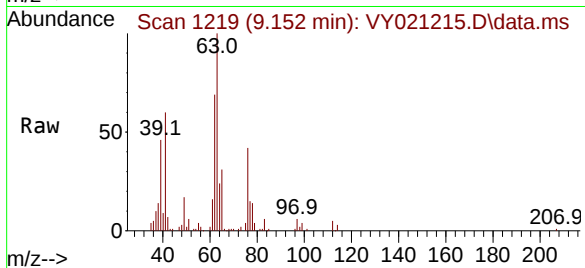
ClientSampleId :

Tgt Ion: 63 Resp: 34023

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 22.529 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

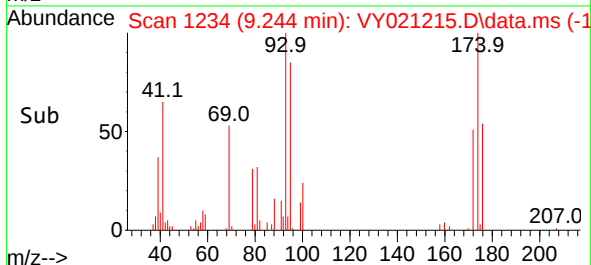
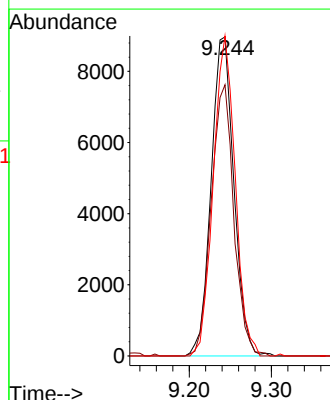
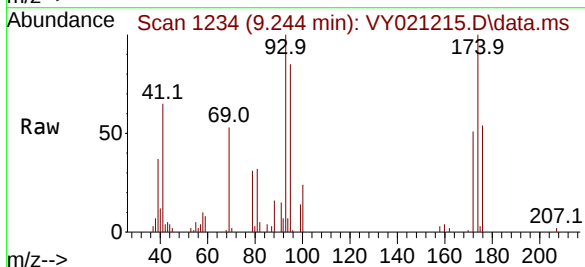
Tgt Ion: 93 Resp: 17271

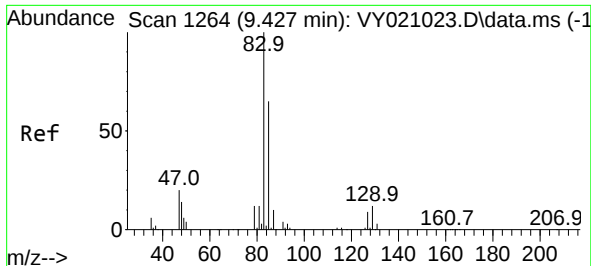
Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

174 96.4 73.8 110.6

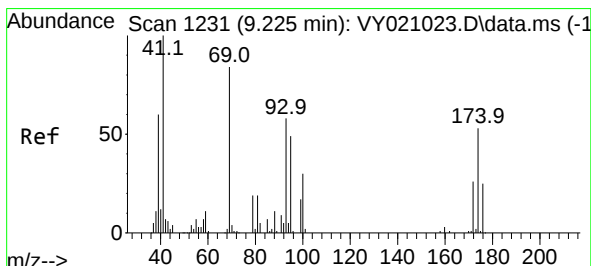
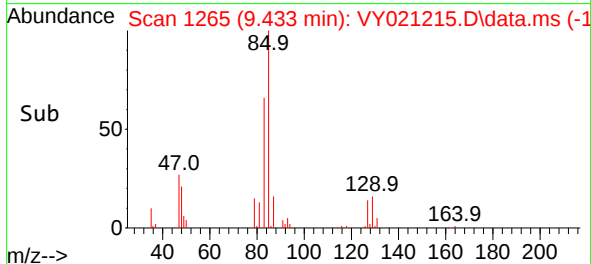
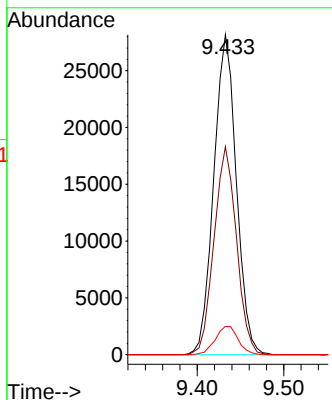
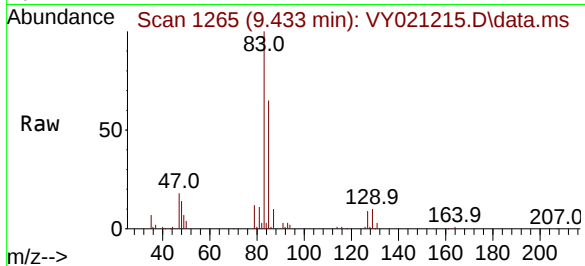




#47
Bromodichloromethane
Concen: 24.821 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

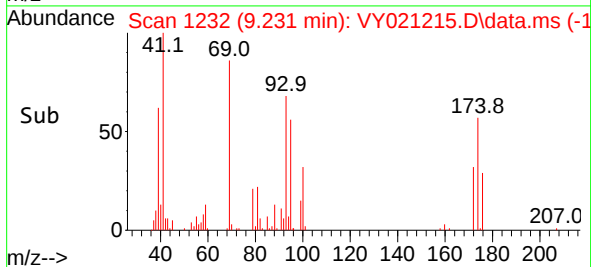
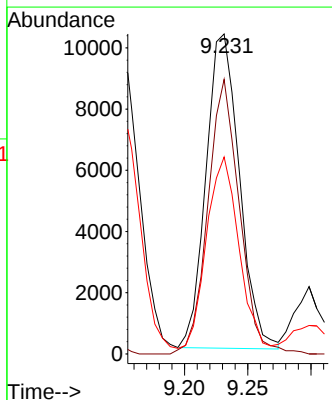
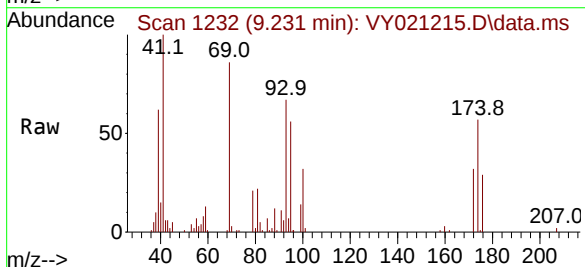
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 51031
Ion Ratio Lower Upper
83 100
85 65.0 53.2 79.8
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 23.925 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 41 Resp: 18883
Ion Ratio Lower Upper
41 100
69 82.4 72.1 108.1
39 62.4 42.8 64.2





#49

1,4-Dioxane

Concen: 517.058 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.012 min

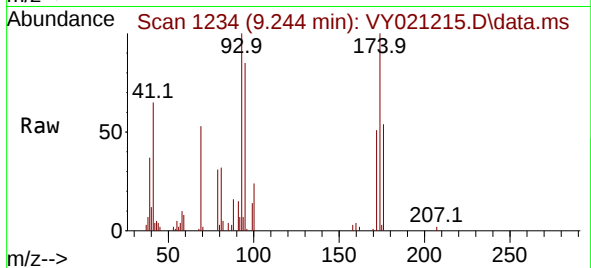
Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :



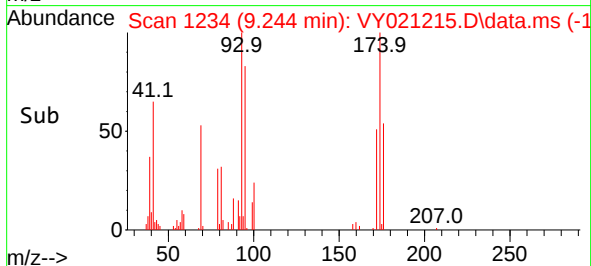
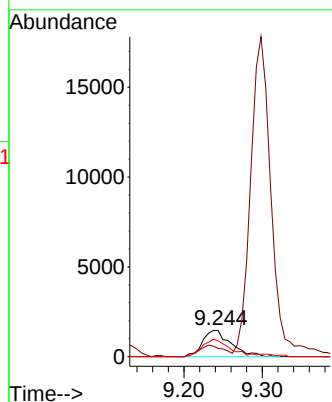
Tgt Ion: 88 Resp: 3690

Ion Ratio Lower Upper

88 100

43 38.0 28.2 42.4

58 64.0 52.2 78.2



#50

Toluene-d8

Concen: 45.324 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021215.D

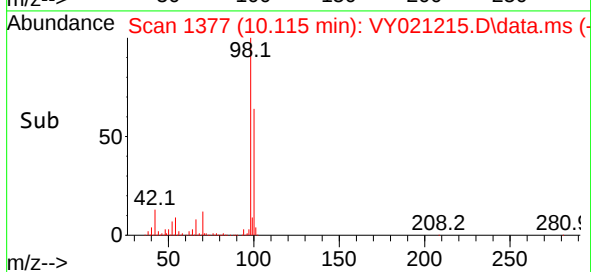
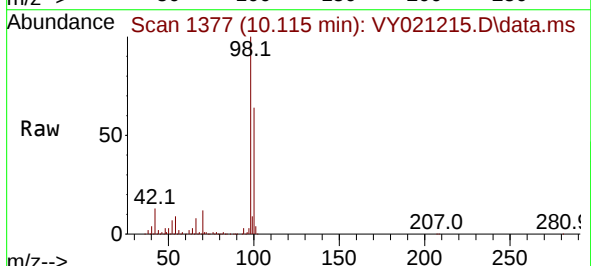
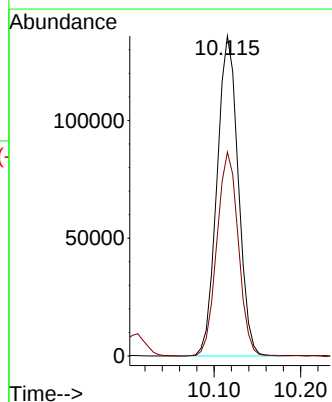
Acq: 17 Feb 2025 12:28

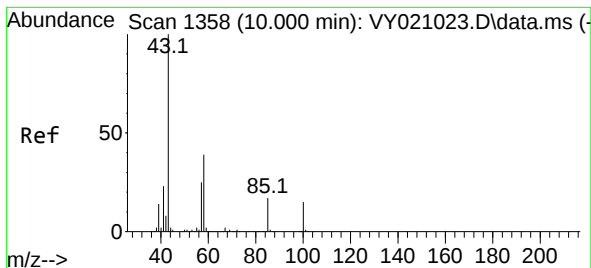
Tgt Ion: 98 Resp: 231568

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

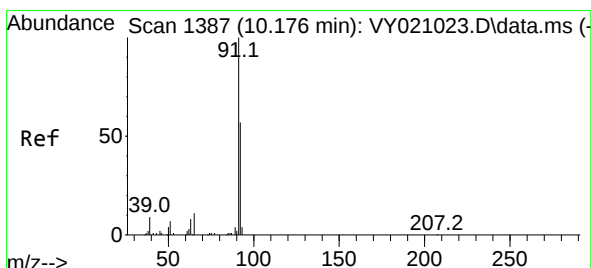
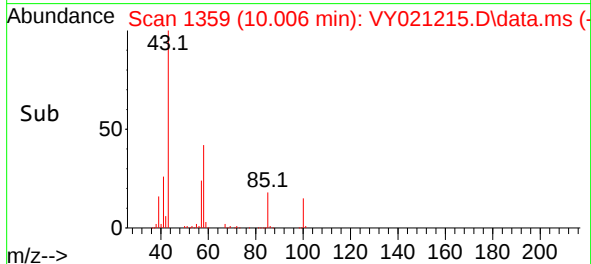
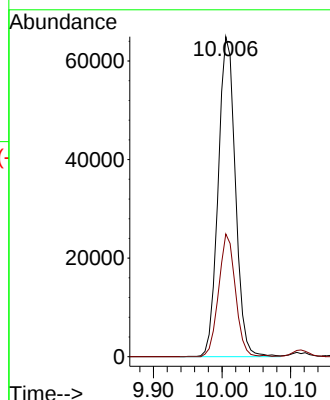
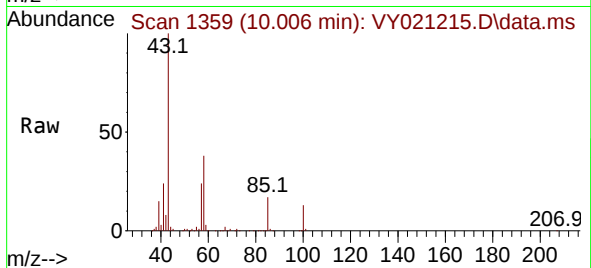




#51
4-Methyl-2-Pentanone
Concen: 129.579 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

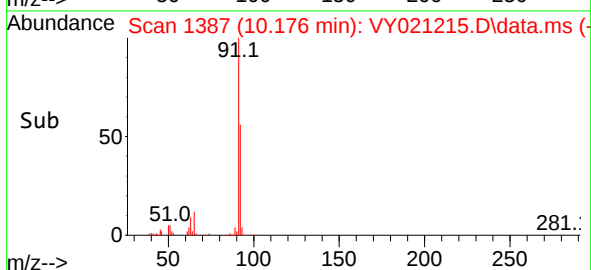
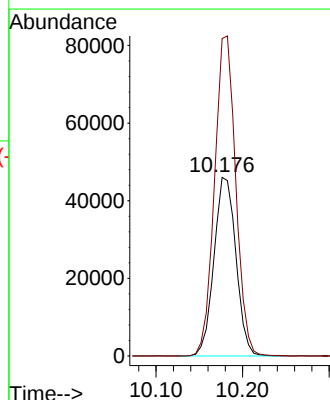
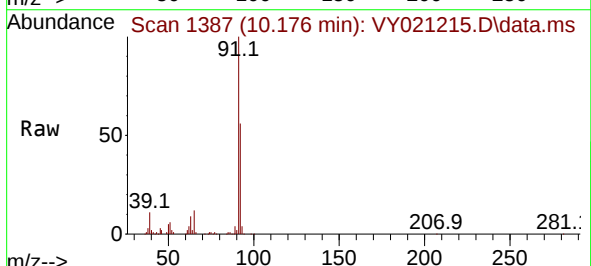
Instrument :
MSVOA_Y
ClientSampleId :

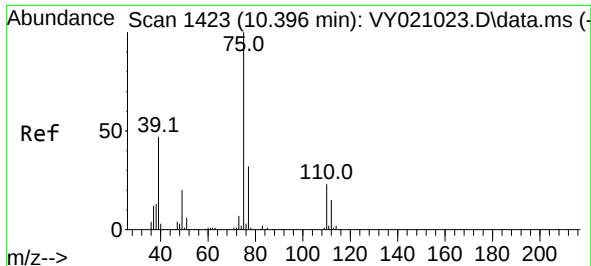
Tgt Ion: 43 Resp: 112907
Ion Ratio Lower Upper
43 100
58 37.6 32.2 48.2



#52
Toluene
Concen: 22.114 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 92 Resp: 80999
Ion Ratio Lower Upper
92 100
91 173.5 137.6 206.4

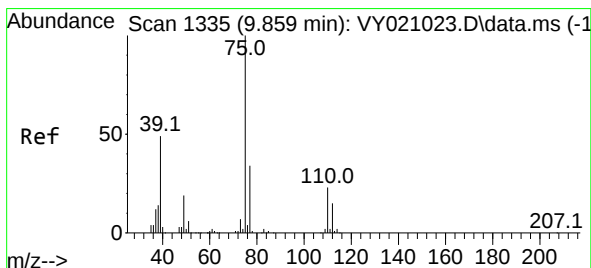
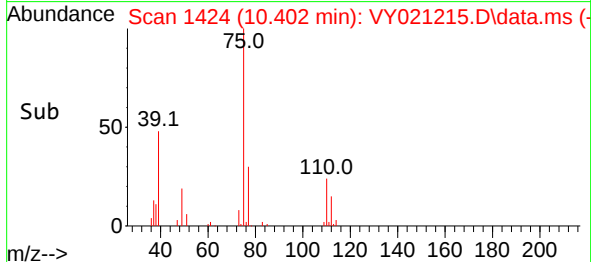
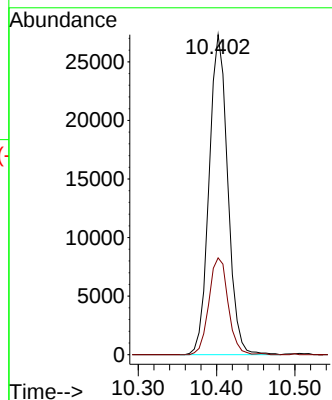
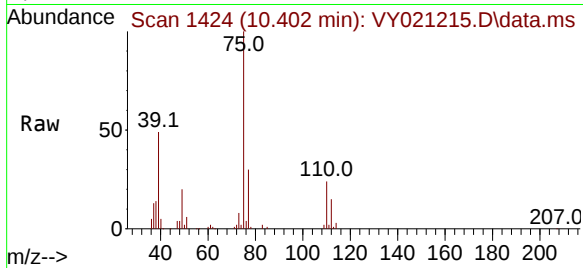




#53
 t-1,3-Dichloropropene
 Concen: 24.457 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021215.D
 Acq: 17 Feb 2025 12:28

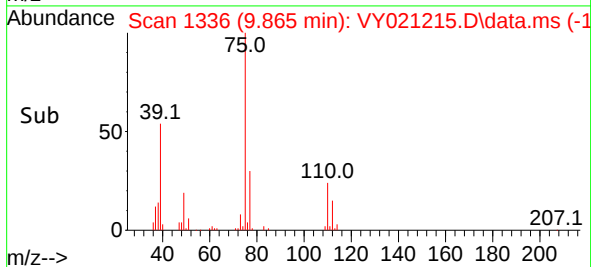
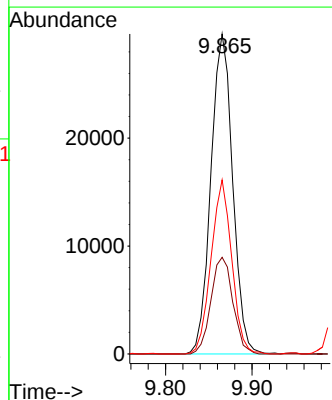
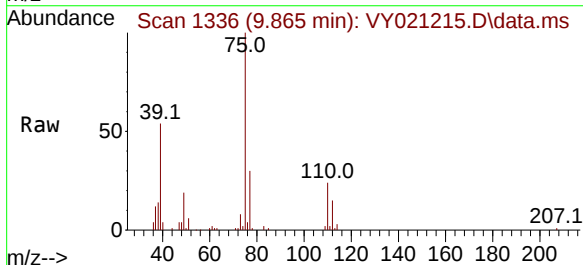
Instrument :
 MSVOA_Y
 ClientSampleId :

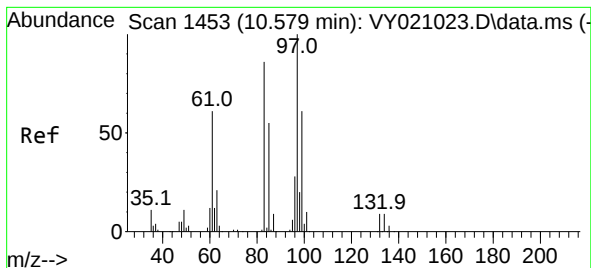
Tgt Ion: 75 Resp: 45150
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 23.687 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021215.D
 Acq: 17 Feb 2025 12:28

Tgt Ion: 75 Resp: 51777
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 54.4 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 25.004 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24822

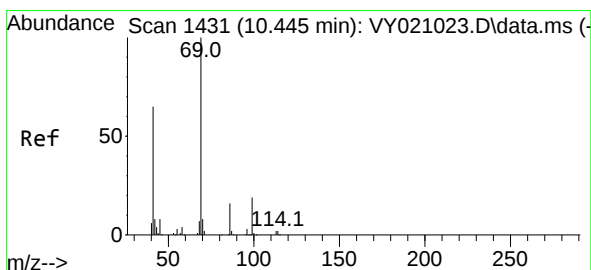
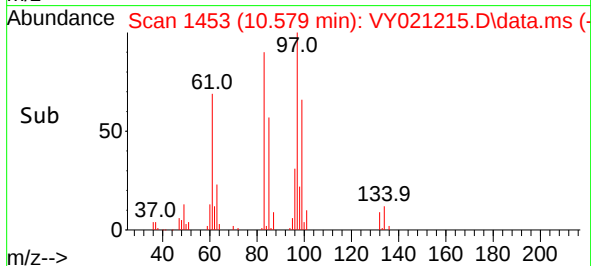
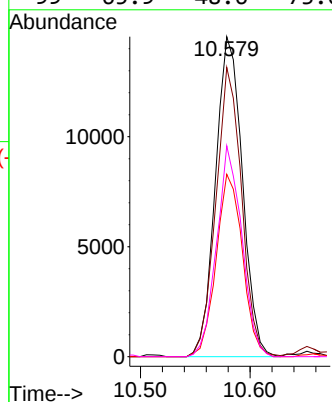
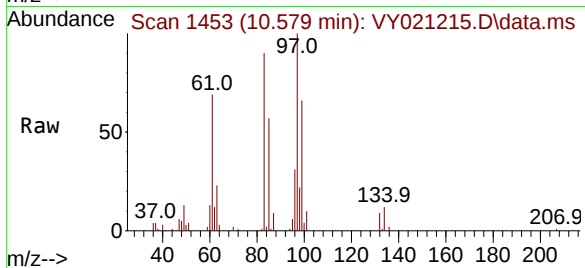
Ion Ratio Lower Upper

97 100

83 90.4 69.4 104.2

85 57.0 43.9 65.9

99 65.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 24.220 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

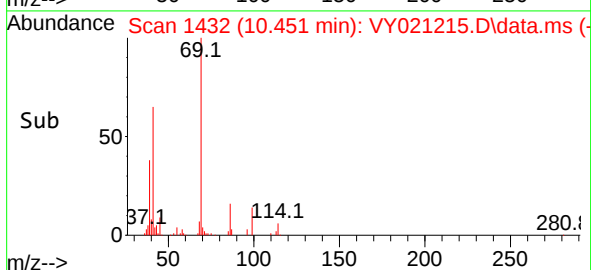
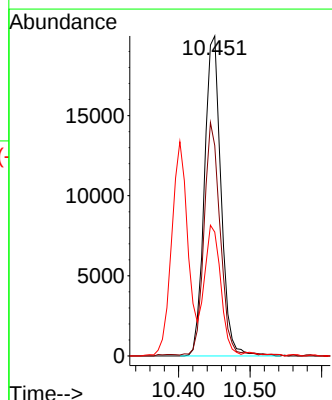
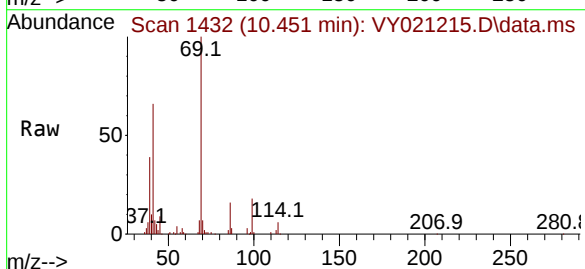
Tgt Ion: 69 Resp: 32165

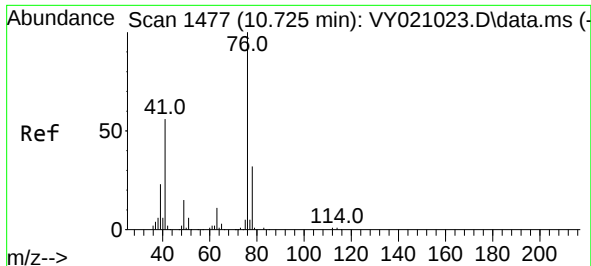
Ion Ratio Lower Upper

69 100

41 70.3 49.2 73.8

39 39.3 26.8 40.2





#57

1,3-Dichloropropane

Concen: 24.760 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

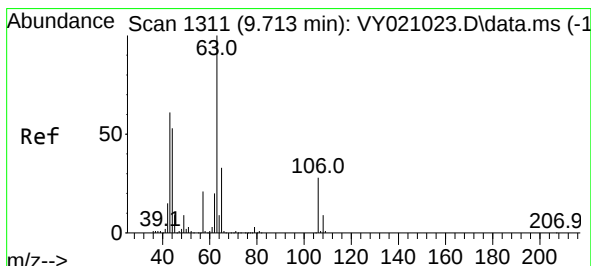
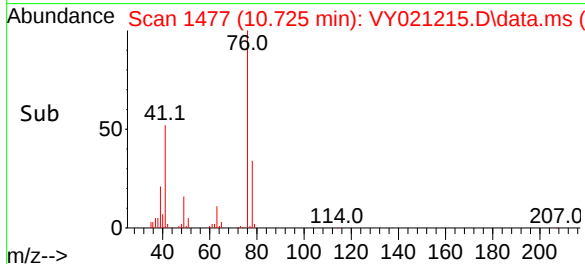
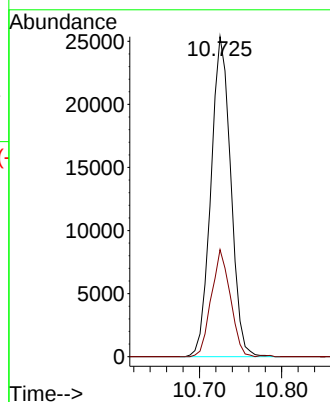
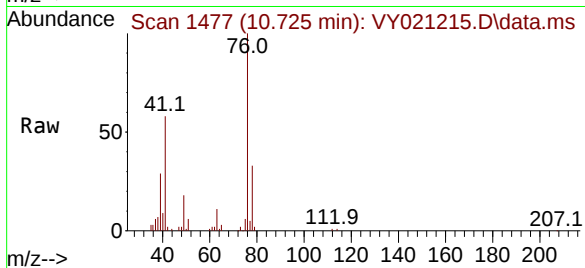
ClientSampleId :

Tgt Ion: 76 Resp: 42544

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.228 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021215.D

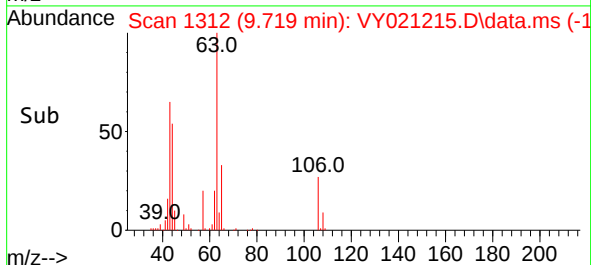
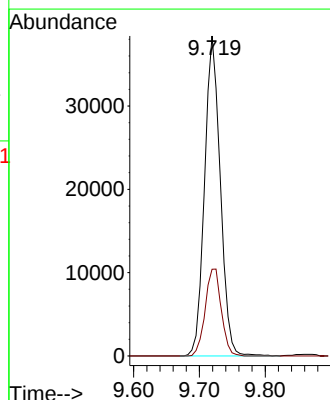
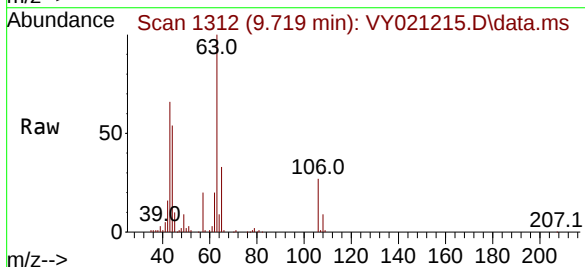
Acq: 17 Feb 2025 12:28

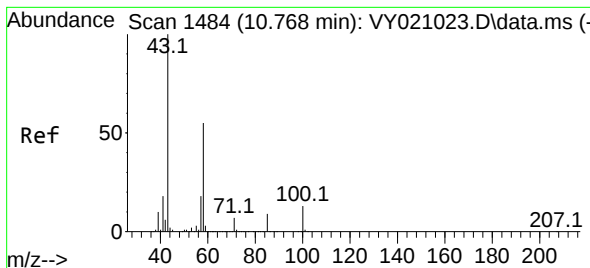
Tgt Ion: 63 Resp: 63956

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

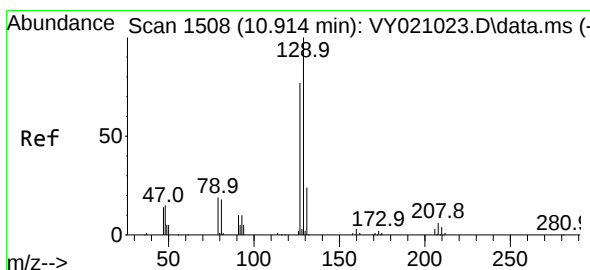
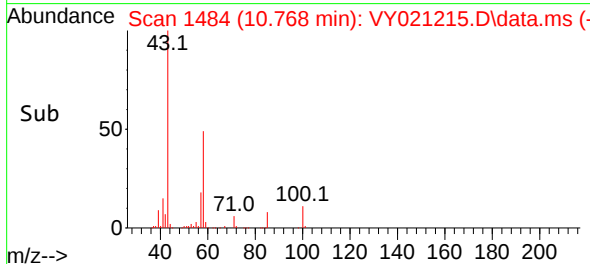
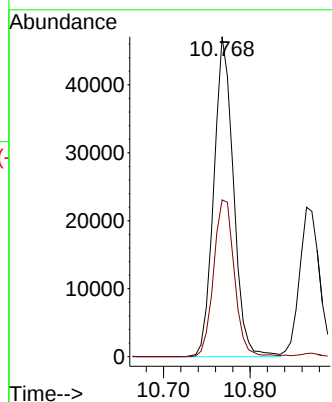
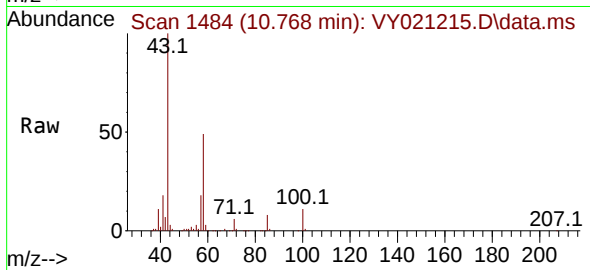




#59
2-Hexanone
Concen: 132.286 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

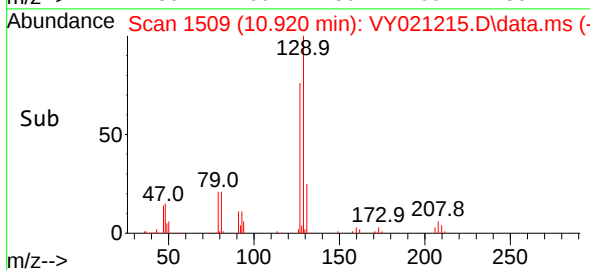
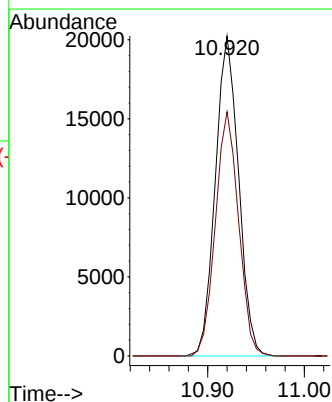
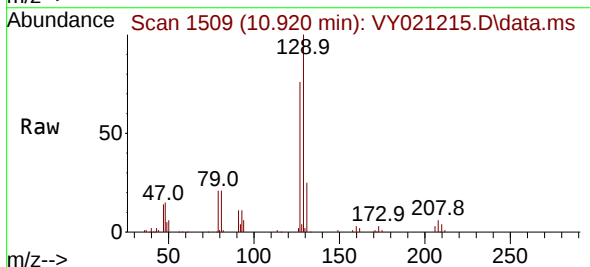
Instrument :
MSVOA_Y
ClientSampleId :

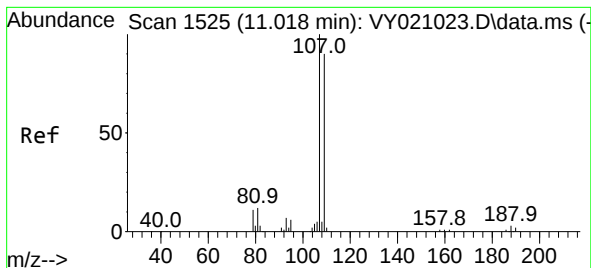
Tgt Ion: 43 Resp: 74215
Ion Ratio Lower Upper
43 100
58 51.8 28.1 84.3



#60
Dibromochloromethane
Concen: 24.195 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 129 Resp: 33731
Ion Ratio Lower Upper
129 100
127 76.1 39.2 117.6

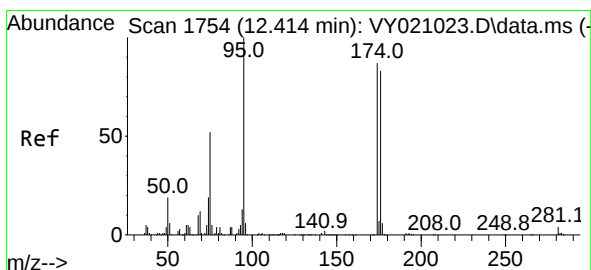
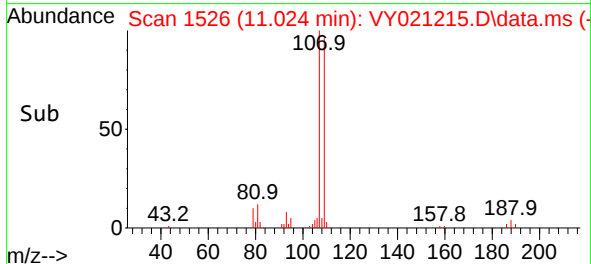
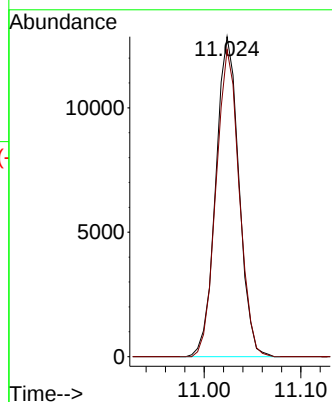
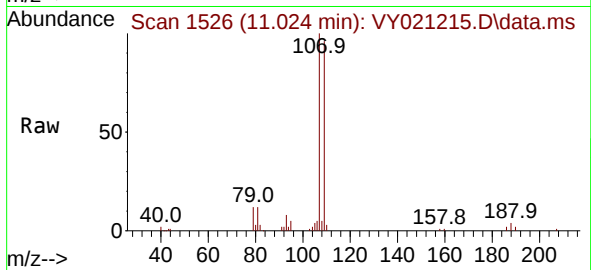




#61
1,2-Dibromoethane
Concen: 22.982 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

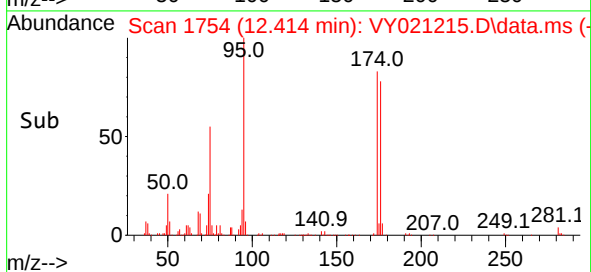
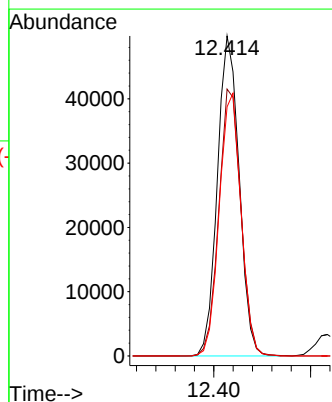
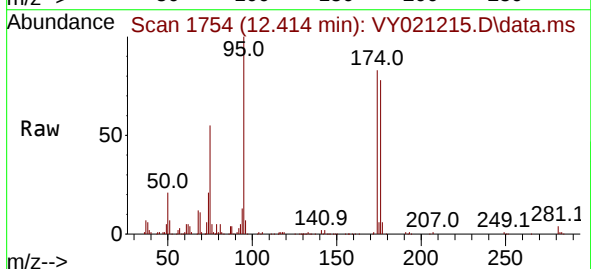
Instrument :
MSVOA_Y
ClientSampleId :

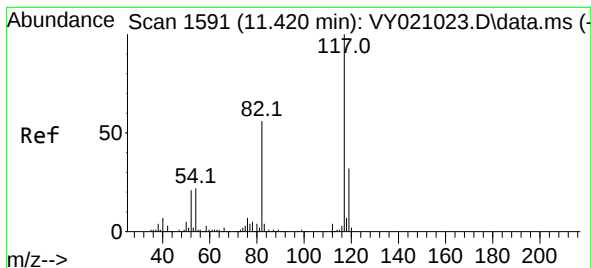
Tgt Ion:107 Resp: 21370
Ion Ratio Lower Upper
107 100
109 95.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.473 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 95 Resp: 77571
Ion Ratio Lower Upper
95 100
174 84.5 0.0 160.0
176 82.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

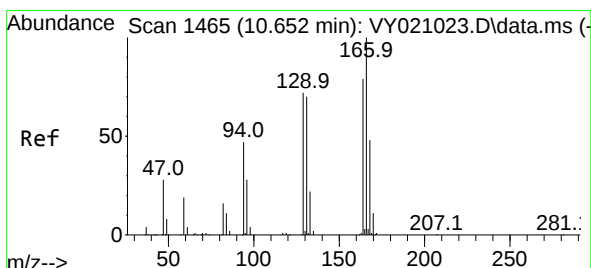
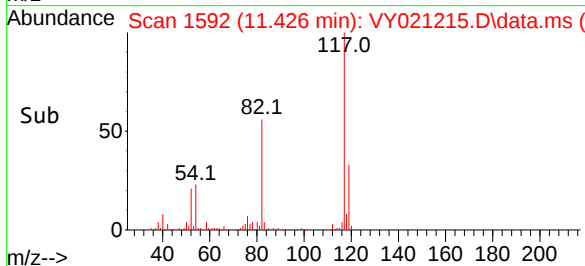
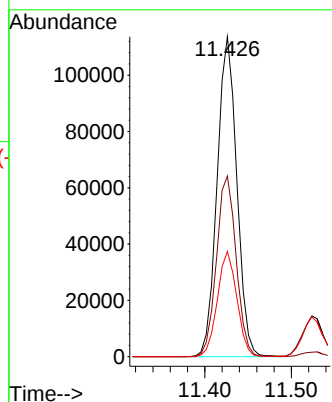
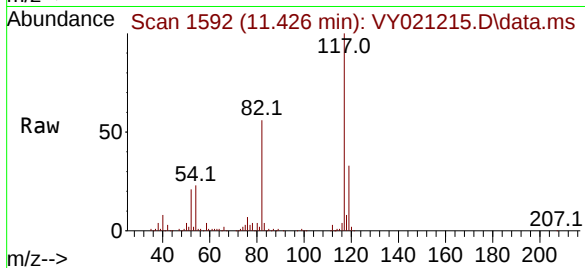
Tgt Ion:117 Resp: 179586

Ion Ratio Lower Upper

117 100

82 56.5 43.8 65.8

119 32.9 26.5 39.7



#64

Tetrachloroethene

Concen: 20.464 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion:164 Resp: 27282

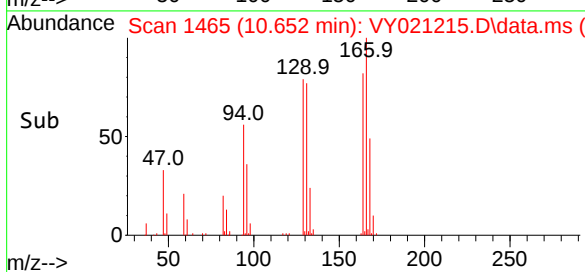
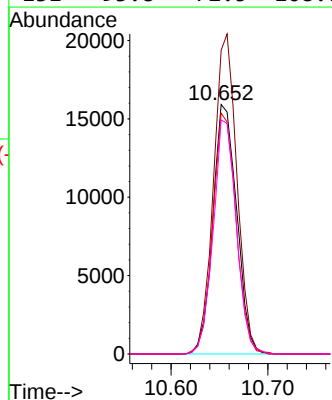
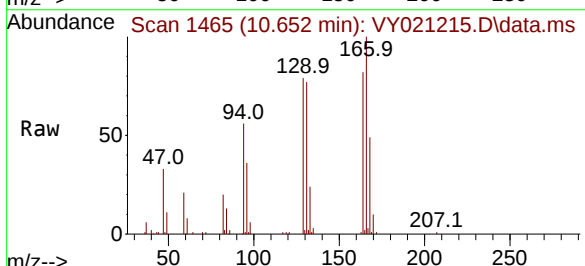
Ion Ratio Lower Upper

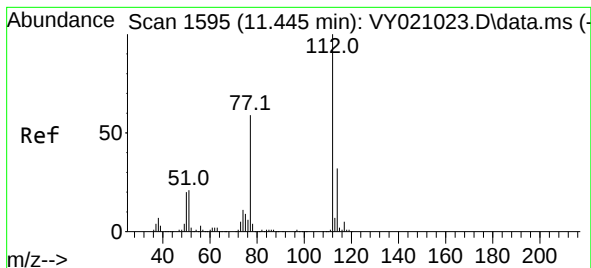
164 100

166 121.7 98.8 148.2

129 96.5 78.9 118.3

131 93.8 72.5 108.7





#65

Chlorobenzene

Concen: 22.971 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

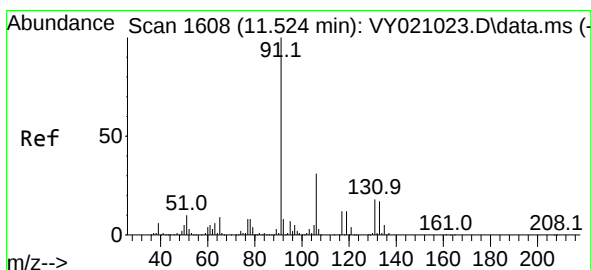
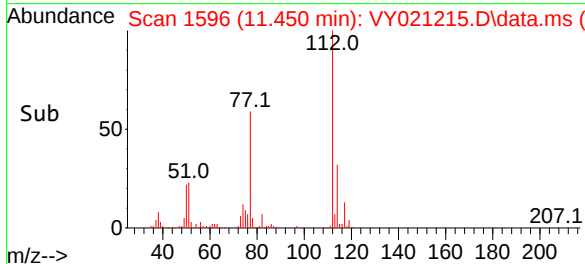
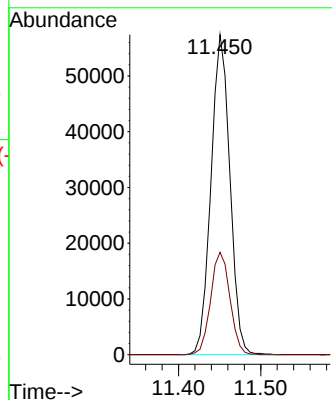
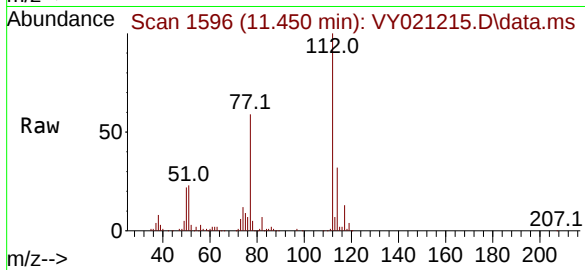
ClientSampleId :

Tgt Ion:112 Resp: 91858

Ion Ratio Lower Upper

112 100

114 32.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 25.122 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

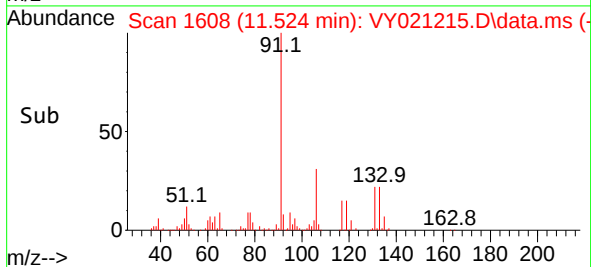
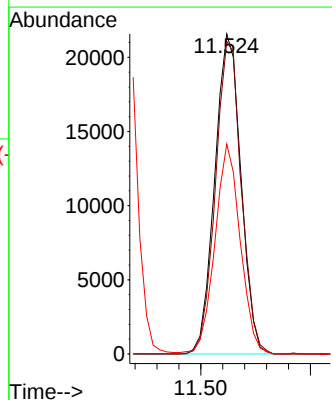
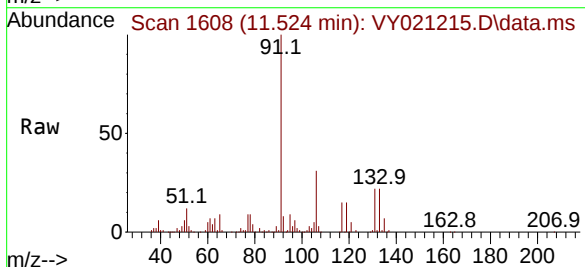
Tgt Ion:131 Resp: 35700

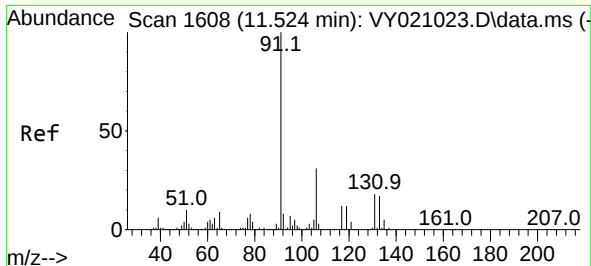
Ion Ratio Lower Upper

131 100

133 96.5 47.0 141.0

119 63.5 33.3 99.9





#67

Ethyl Benzene

Concen: 23.192 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

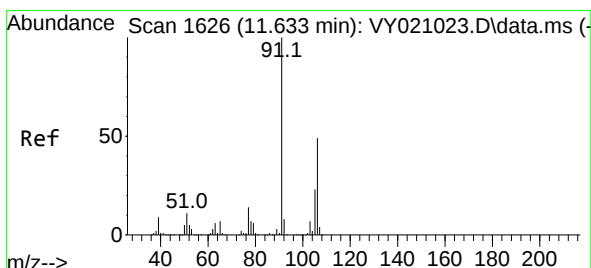
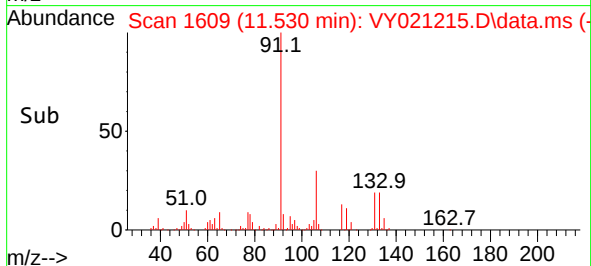
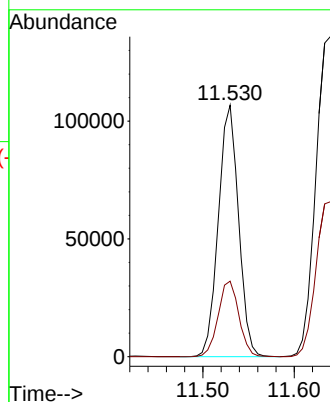
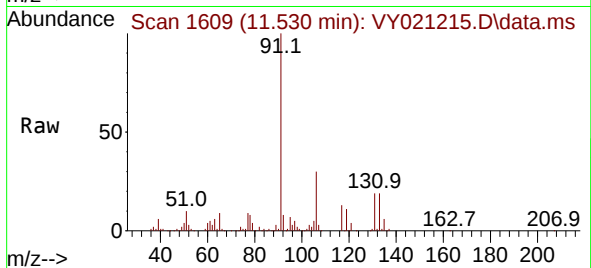
ClientSampleId :

Tgt Ion: 91 Resp: 164030

Ion Ratio Lower Upper

91 100

106 30.0 25.0 37.4



#68

m/p-Xylenes

Concen: 46.416 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021215.D

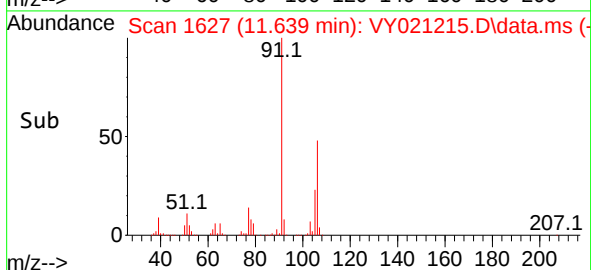
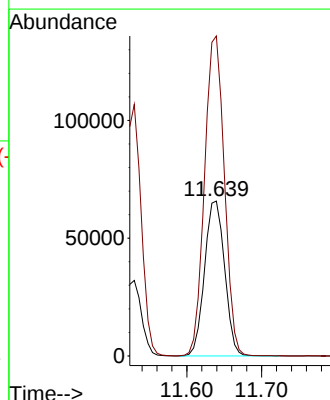
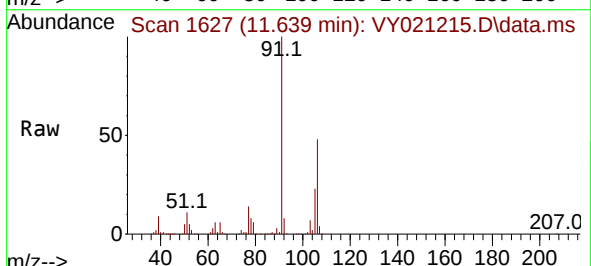
Acq: 17 Feb 2025 12:28

Tgt Ion:106 Resp: 122813

Ion Ratio Lower Upper

106 100

91 204.2 160.7 241.1

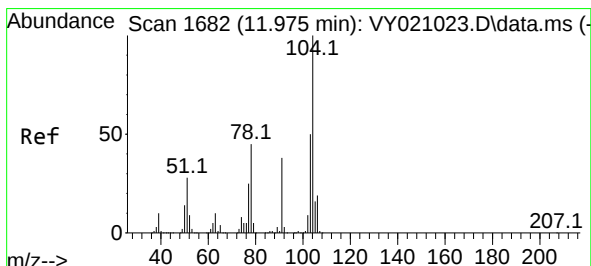
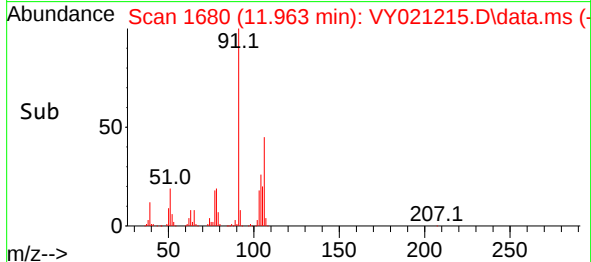
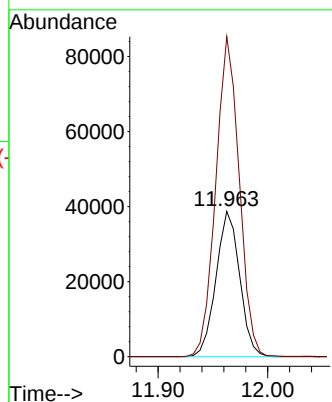
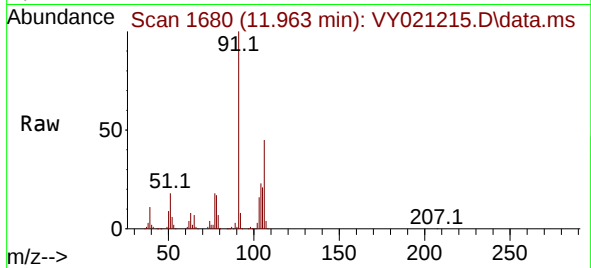




#69
o-Xylene
Concen: 23.579 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

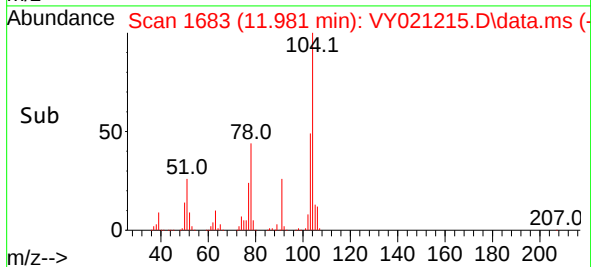
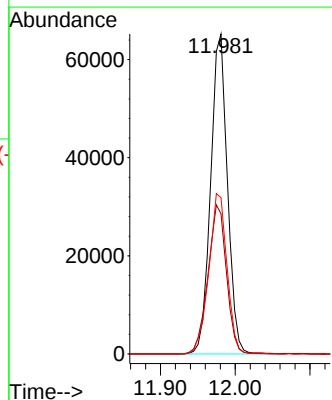
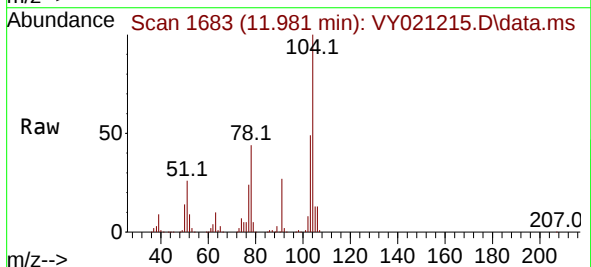
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 58167
Ion Ratio Lower Upper
106 100
91 218.2 106.5 319.5



#70
Styrene
Concen: 24.759 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion:104 Resp: 101799
Ion Ratio Lower Upper
104 100
78 51.4 39.2 58.8
103 54.4 43.8 65.6





#71

Bromoform

Concen: 25.266 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021215.D

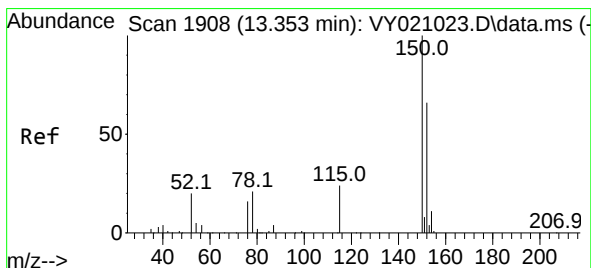
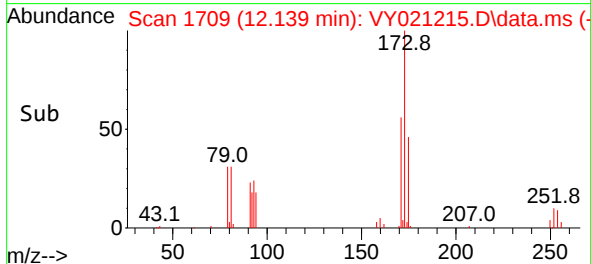
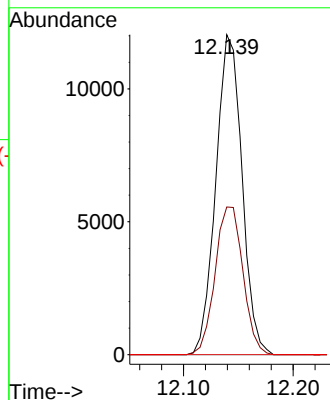
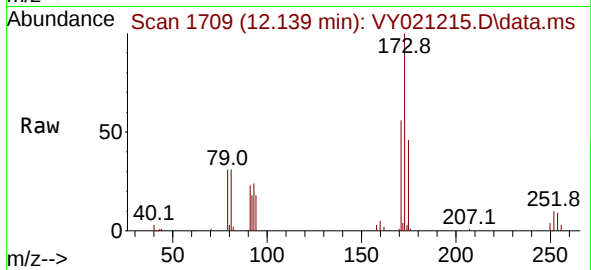
Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	19985
Ion Ratio	Lower	Upper
173	100	
175	49.1	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

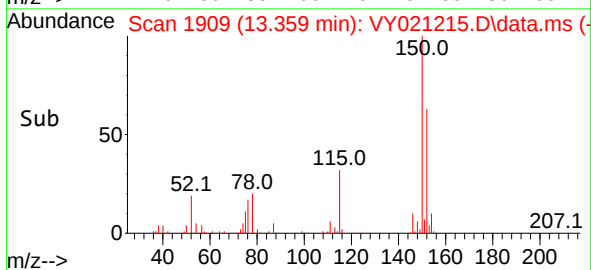
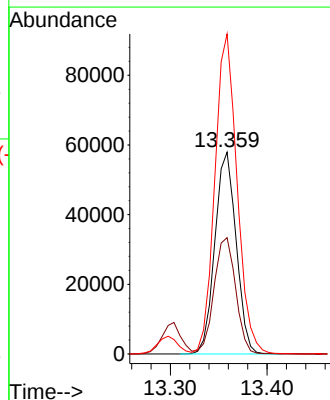
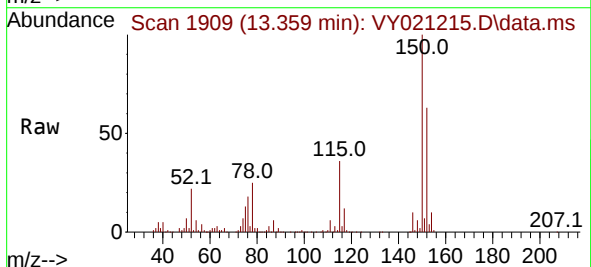
RT: 13.359 min Scan# 1909

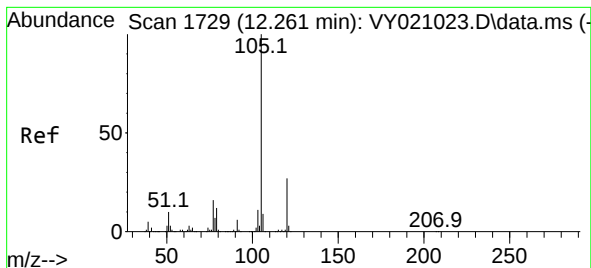
Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion:152	Resp:	88406
Ion Ratio	Lower	Upper
152	100	
115	58.8	30.0 90.0
150	165.8	0.0 344.6





#73

Isopropylbenzene

Concen: 23.864 ug/l

RT: 12.261 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

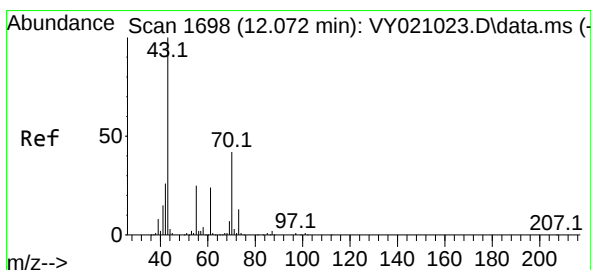
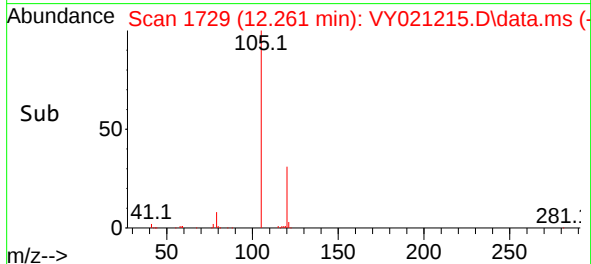
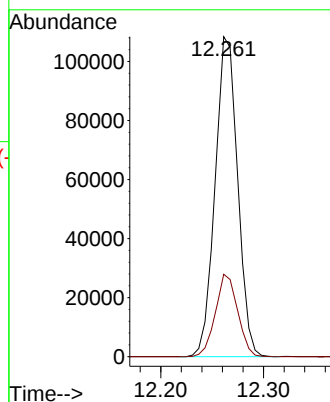
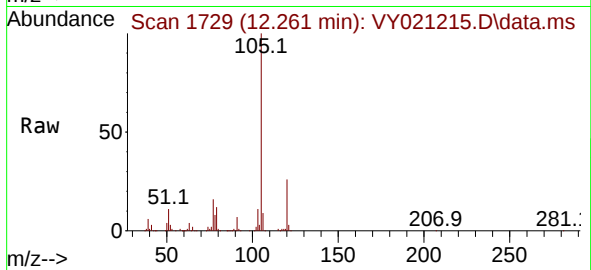
ClientSampleId :

Tgt Ion:105 Resp: 164802

Ion Ratio Lower Upper

105 100

120 25.4 13.0 39.0



#74

N-ethyl acetate

Concen: 24.990 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion: 43 Resp: 37730

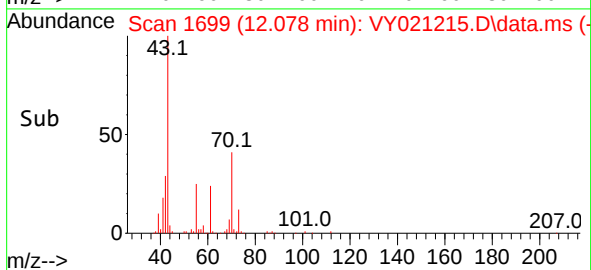
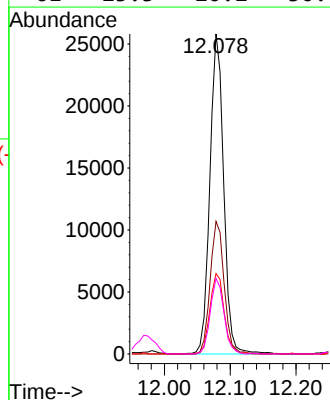
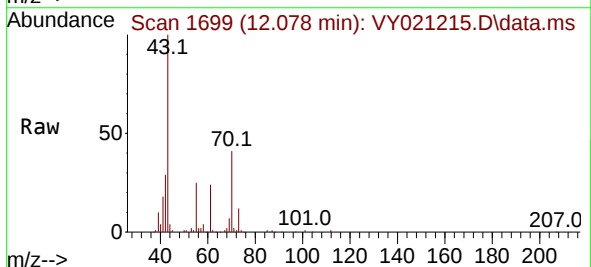
Ion Ratio Lower Upper

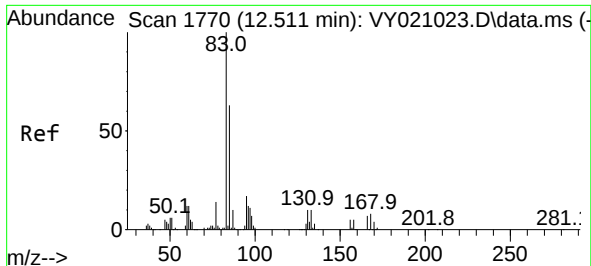
43 100

70 42.1 36.6 55.0

55 26.0 22.2 33.4

61 23.3 20.2 30.4

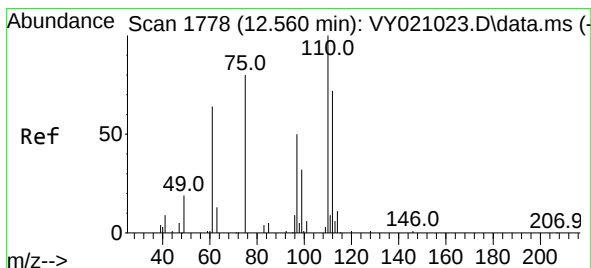
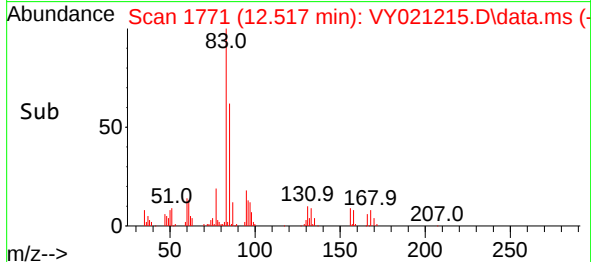
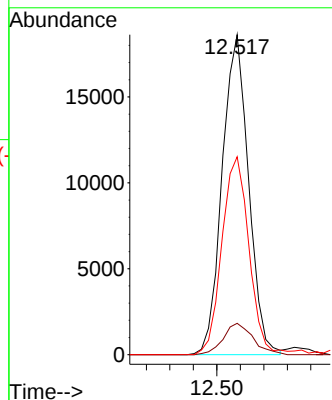
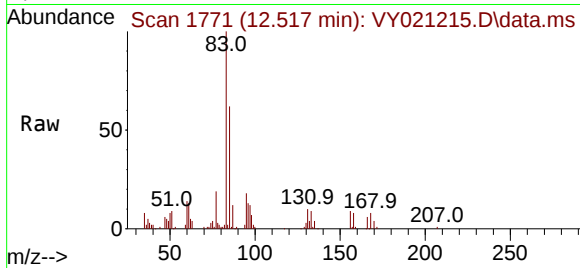




#75
1,1,2,2-Tetrachloroethane
Concen: 25.293 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

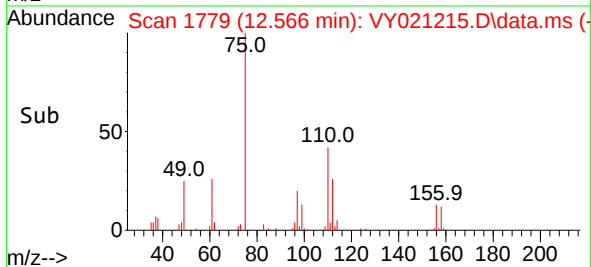
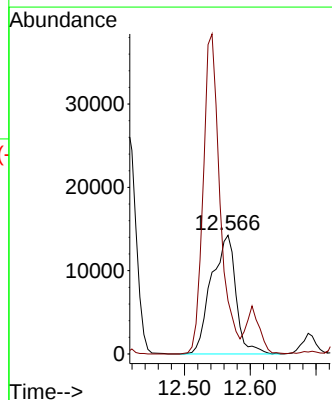
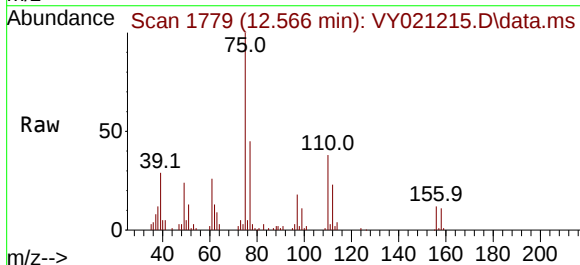
Instrument :
MSVOA_Y
ClientSampleId :

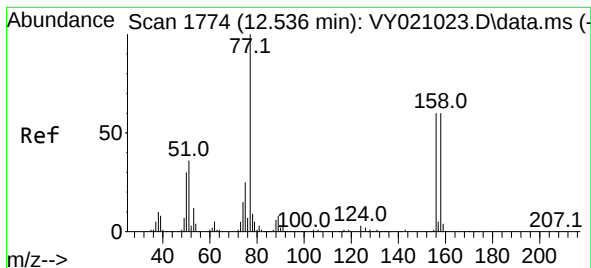
Tgt Ion: 83 Resp: 29049
Ion Ratio Lower Upper
83 100
131 11.1 4.9 14.6
85 64.5 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 46.238 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 75 Resp: 37081
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.410 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

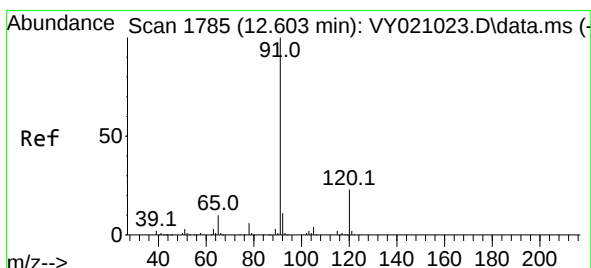
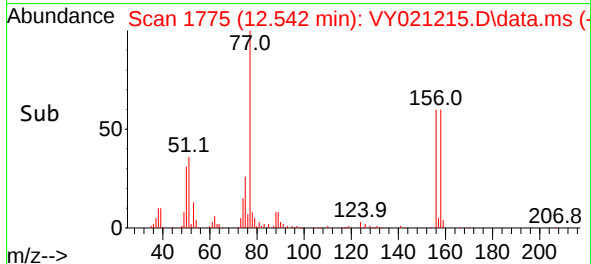
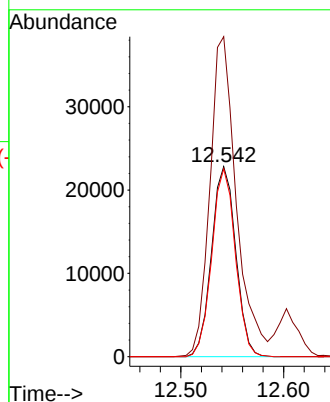
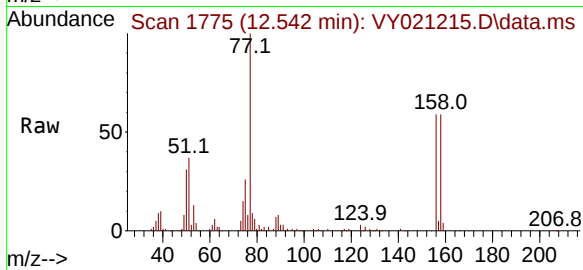
Tgt Ion:156 Resp: 37307

Ion Ratio Lower Upper

156 100

77 184.1 97.3 291.8

158 96.3 48.4 145.0



#78

n-propylbenzene

Concen: 24.275 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021215.D

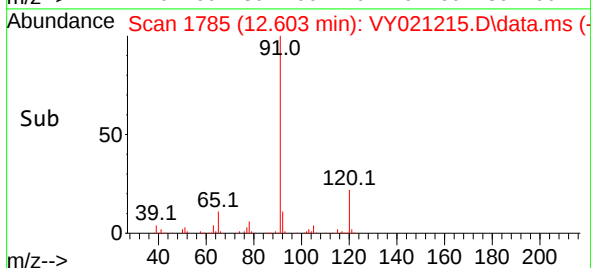
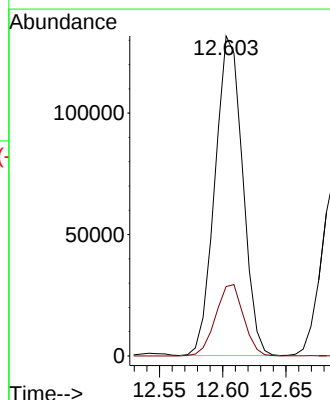
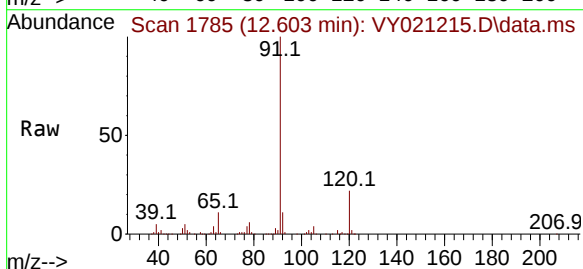
Acq: 17 Feb 2025 12:28

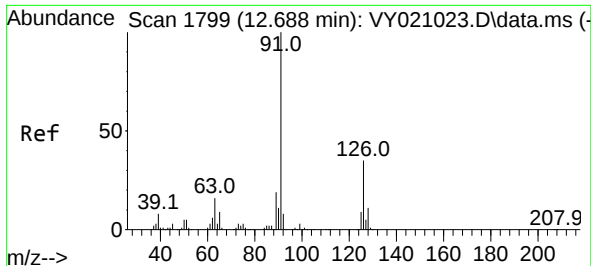
Tgt Ion: 91 Resp: 199693

Ion Ratio Lower Upper

91 100

120 22.6 11.0 33.0

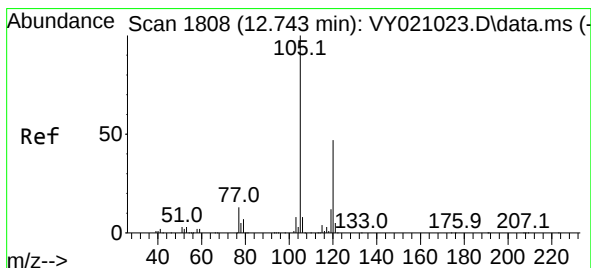
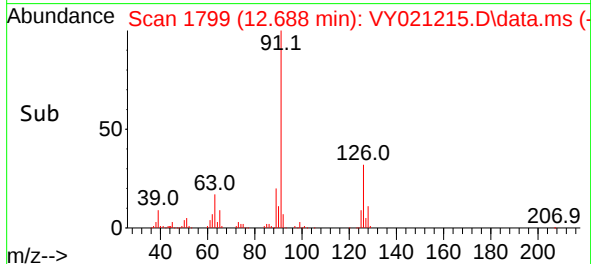
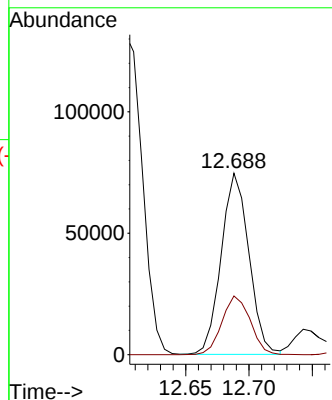
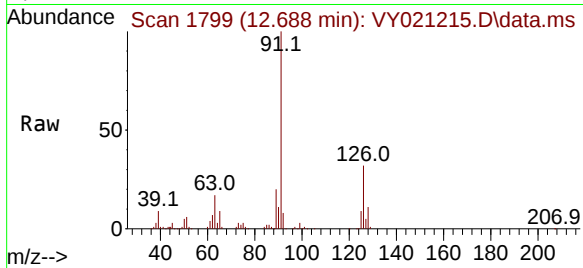




#79
2-Chlorotoluene
Concen: 24.161 ug/l
RT: 12.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

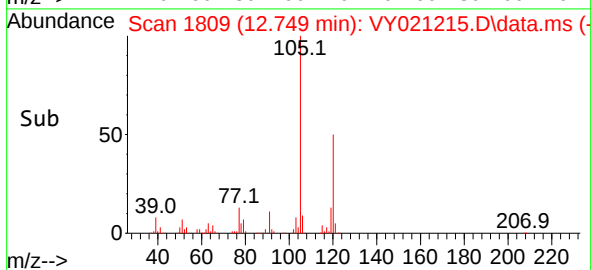
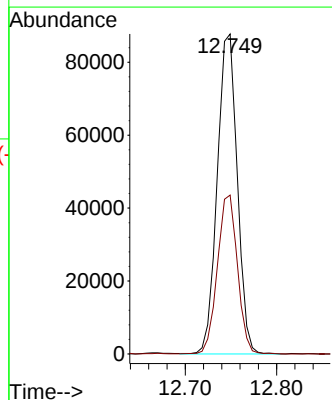
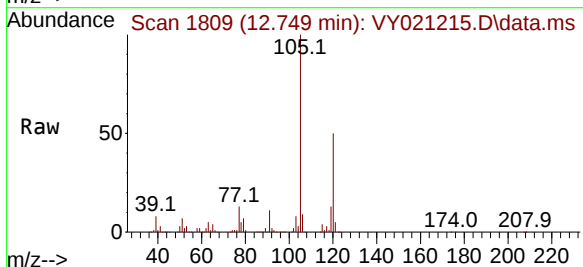
Instrument :
MSVOA_Y
ClientSampleId :

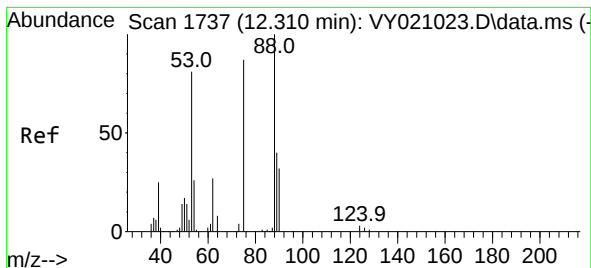
Tgt Ion: 91 Resp: 113837
Ion Ratio Lower Upper
91 100
126 33.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 23.861 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion:105 Resp: 133599
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.8

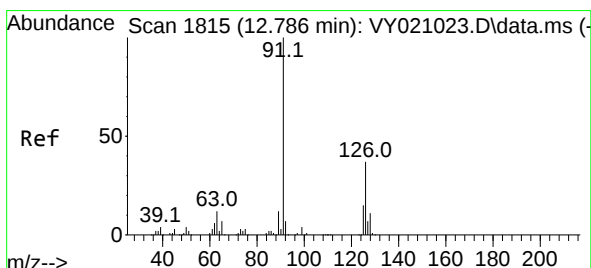
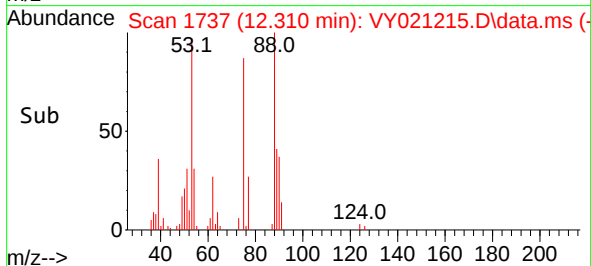
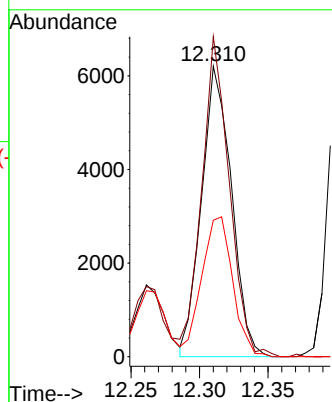
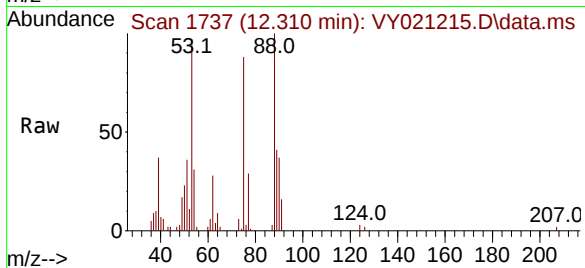




#81
trans-1,4-Dichloro-2-butene
Concen: 23.999 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

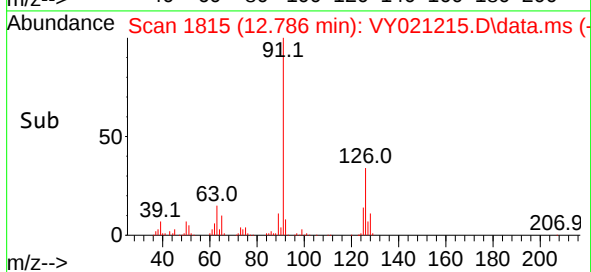
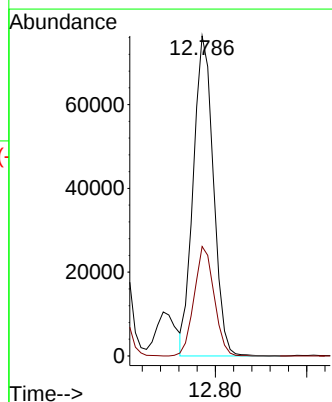
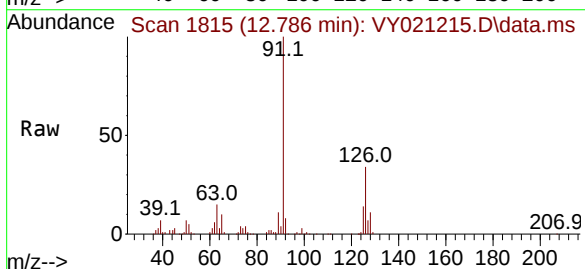
Instrument :
MSVOA_Y
ClientSampleId :

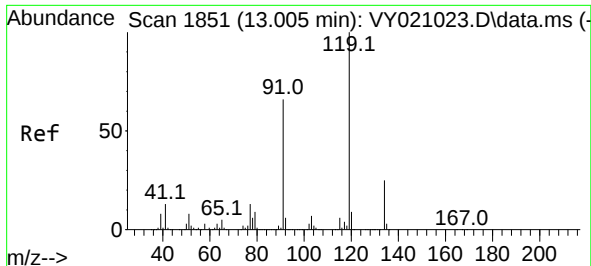
Tgt Ion: 75 Resp: 9432
Ion Ratio Lower Upper
75 100
53 101.2 74.0 111.0
89 50.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 24.289 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 91 Resp: 116596
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

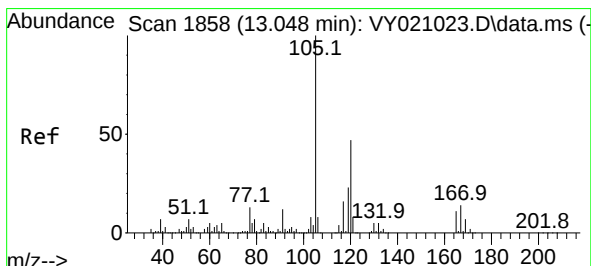
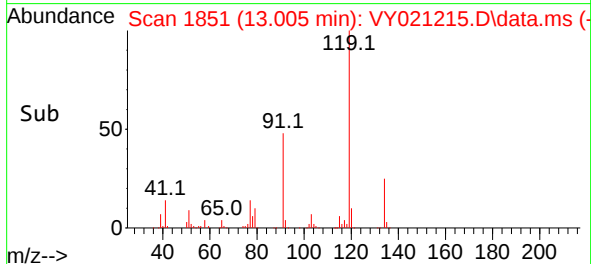
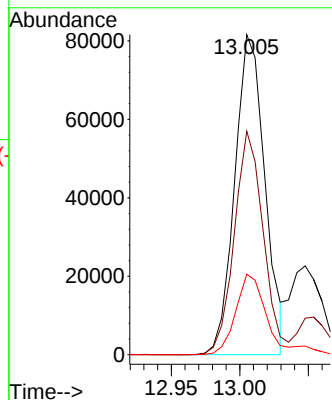
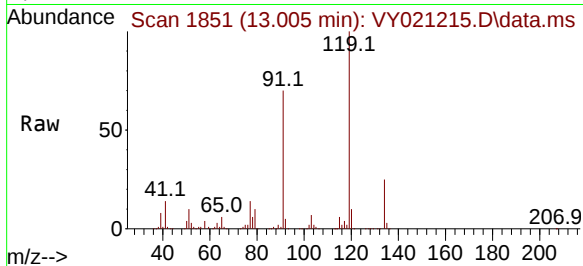




#83
tert-Butylbenzene
Concen: 24.556 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

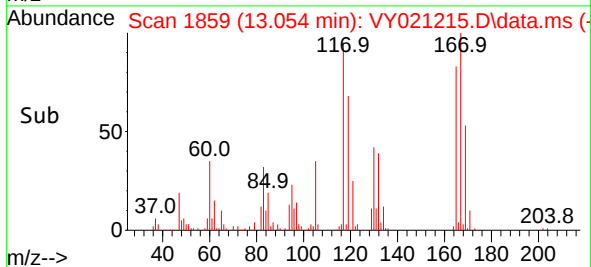
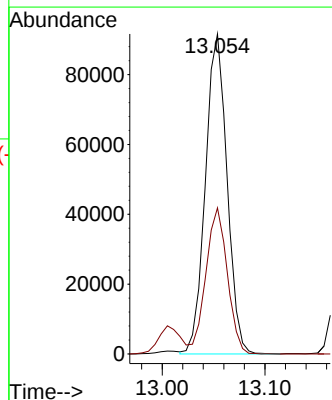
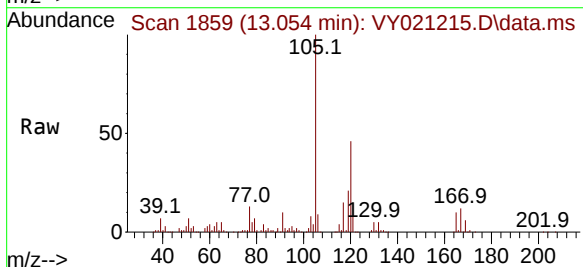
Instrument :
MSVOA_Y
ClientSampleId :

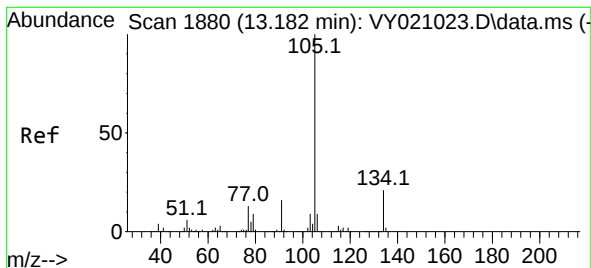
Tgt Ion:119 Resp: 124970
Ion Ratio Lower Upper
119 100
91 67.2 31.5 94.5
134 26.5 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 24.518 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion:105 Resp: 134225
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 24.775 ug/l

RT: 13.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

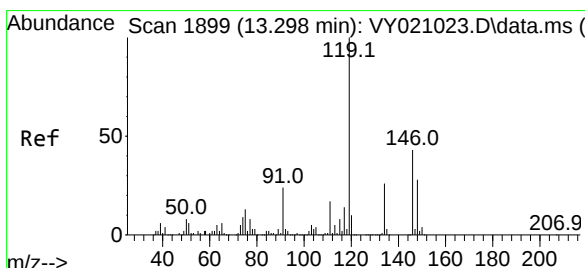
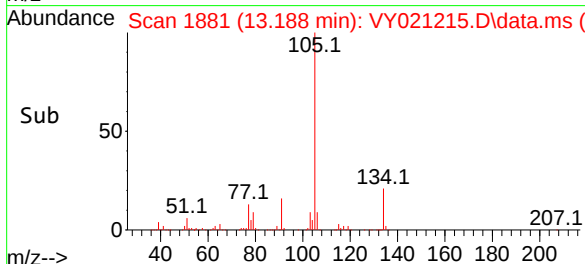
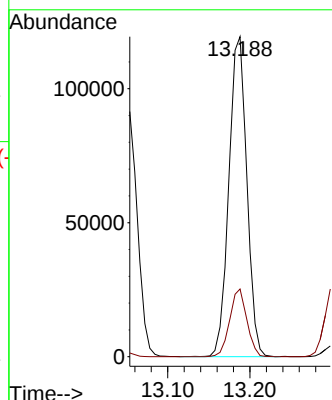
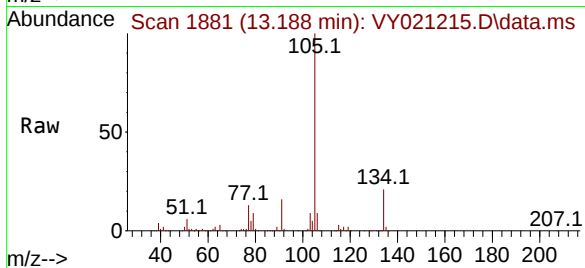
ClientSampleId :

Tgt Ion:105 Resp: 181496

Ion Ratio Lower Upper

105 100

134 20.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 24.871 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

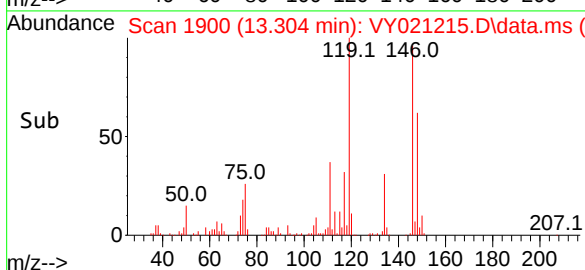
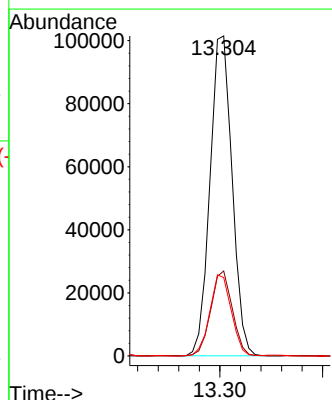
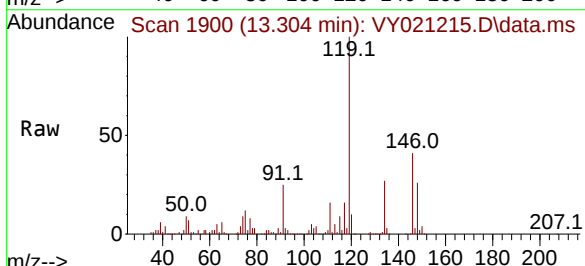
Tgt Ion:119 Resp: 151347

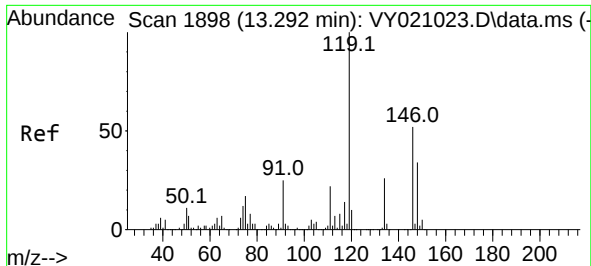
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 24.8 11.7 35.0

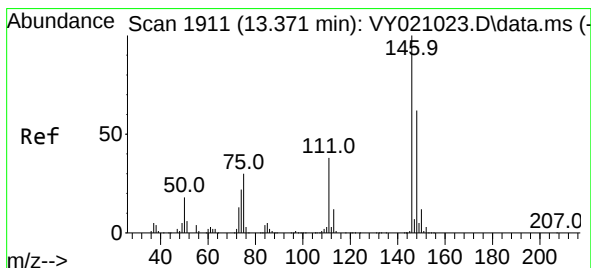
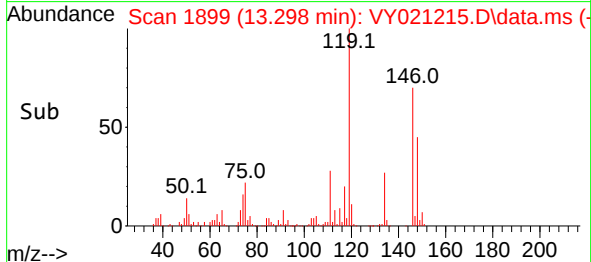
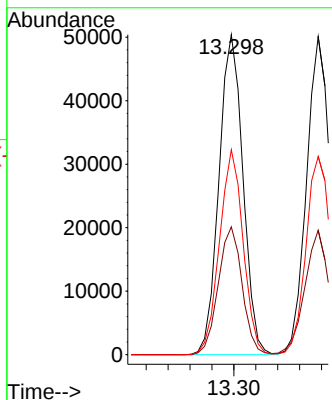
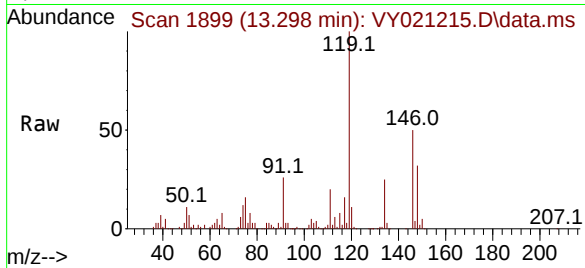




#87
1,3-Dichlorobenzene
Concen: 24.926 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

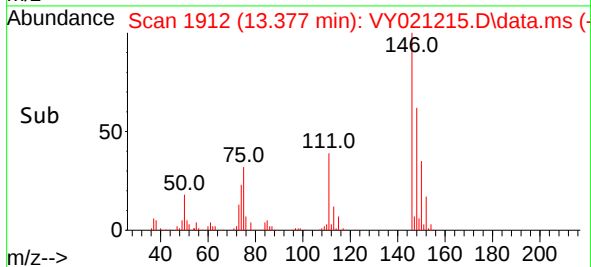
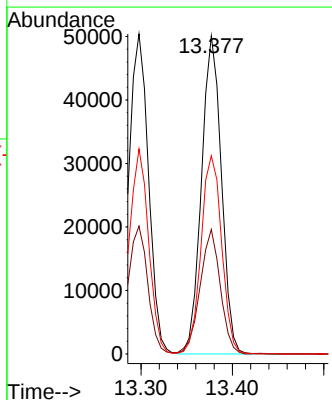
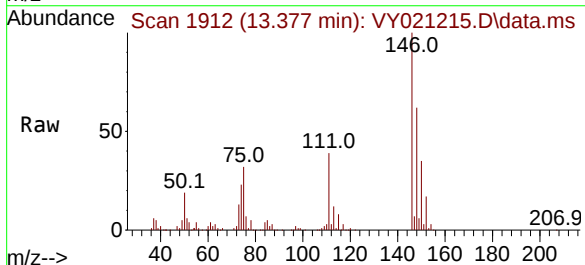
Instrument :
MSVOA_Y
ClientSampleId :

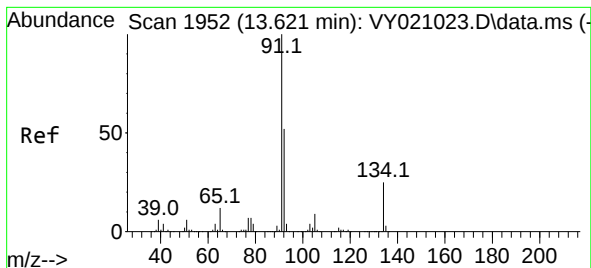
Tgt Ion:146 Resp: 76700
Ion Ratio Lower Upper
146 100
111 39.7 20.2 60.5
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 24.999 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion:146 Resp: 75740
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.9
148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 25.513 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

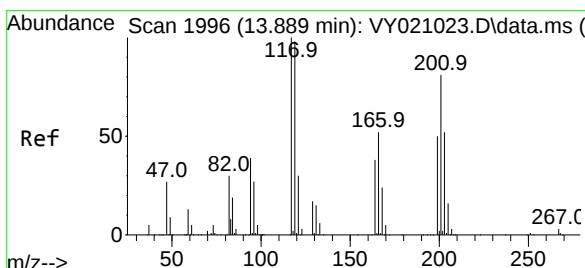
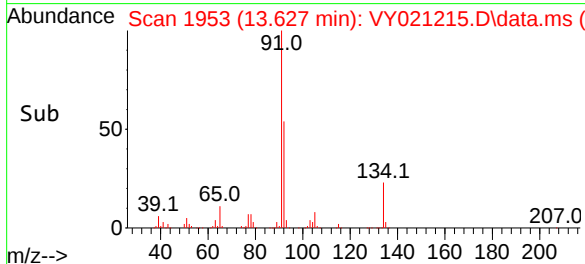
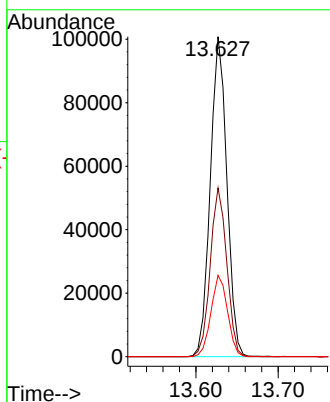
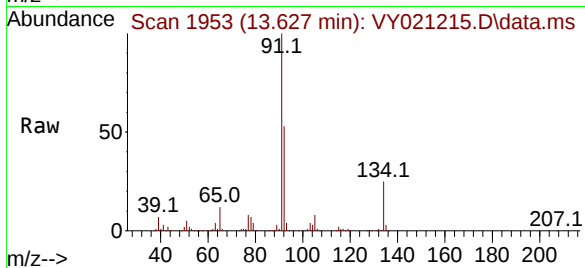
Tgt Ion: 91 Resp: 141637

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 25.3 12.3 36.8



#90

Hexachloroethane

Concen: 25.448 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021215.D

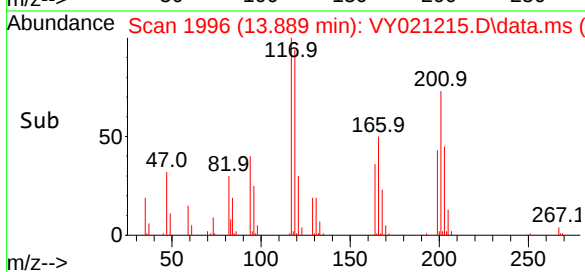
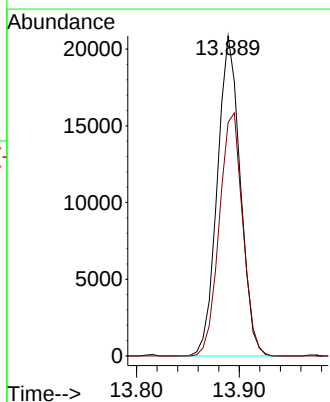
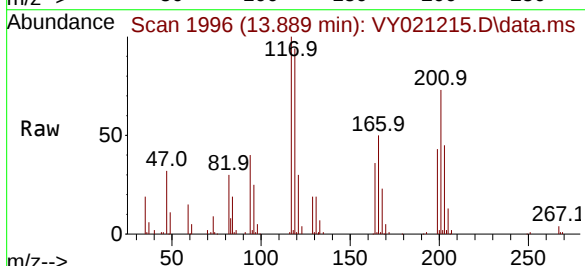
Acq: 17 Feb 2025 12:28

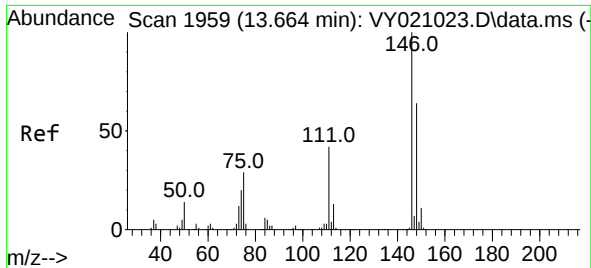
Tgt Ion: 117 Resp: 32307

Ion Ratio Lower Upper

117 100

201 77.6 33.4 100.1

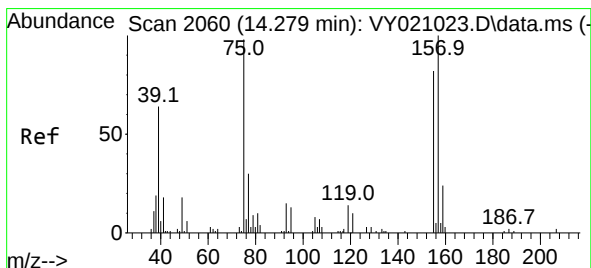
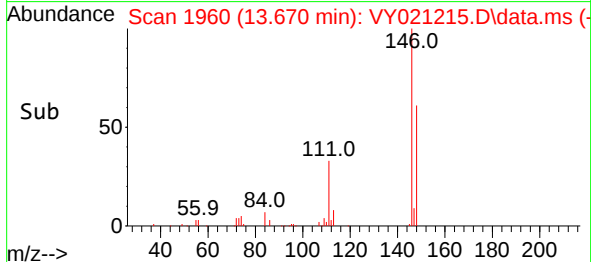
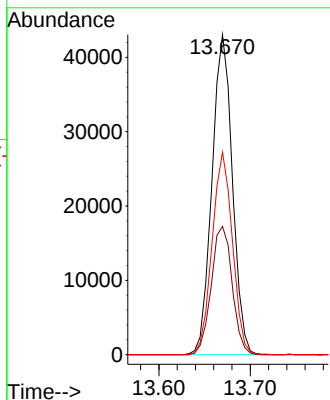
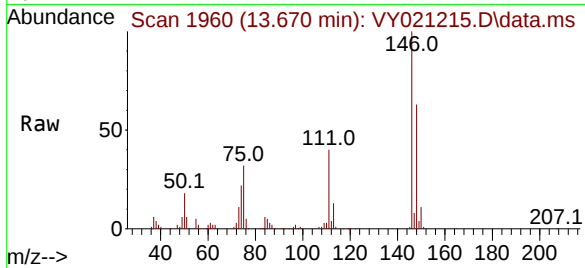




#91
1,2-Dichlorobenzene
Concen: 24.983 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

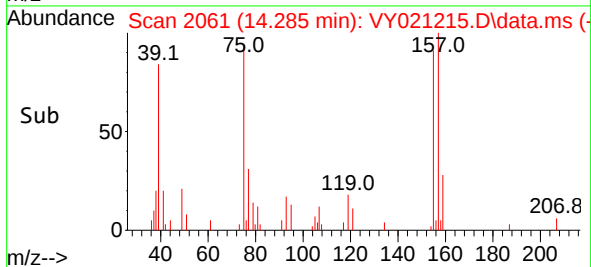
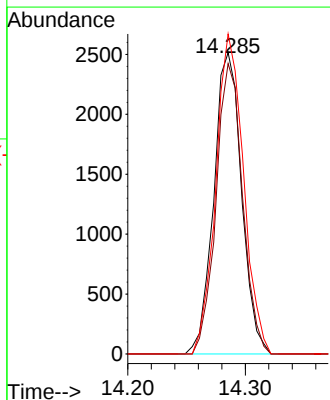
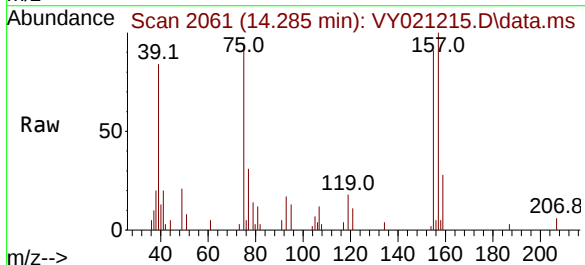
Instrument :
MSVOA_Y
ClientSampleId :

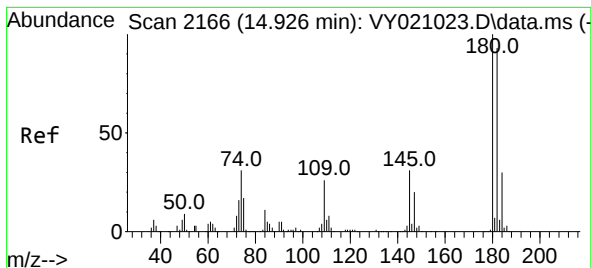
Tgt Ion:146 Resp: 66723
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 62.9 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.069 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021215.D
Acq: 17 Feb 2025 12:28

Tgt Ion: 75 Resp: 4131
Ion Ratio Lower Upper
75 100
155 92.2 42.1 126.3
157 106.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 26.348 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021215.D

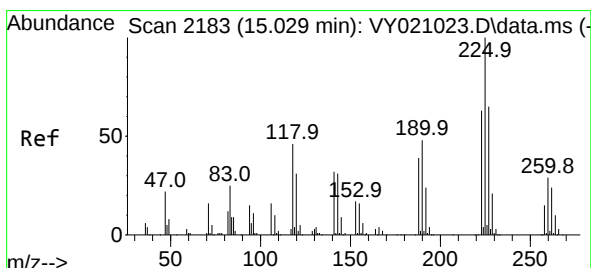
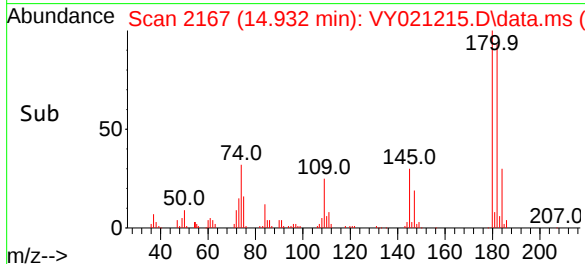
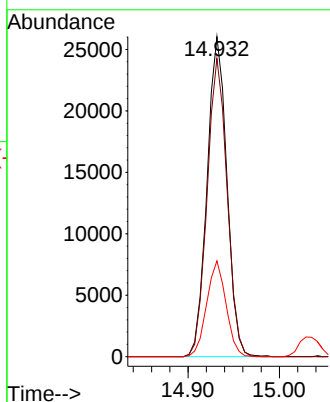
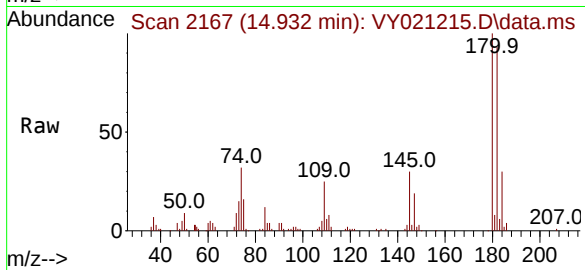
Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	39168
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.9 143.7
145	29.2	15.9 47.7



#94

Hexachlorobutadiene

Concen: 26.047 ug/l

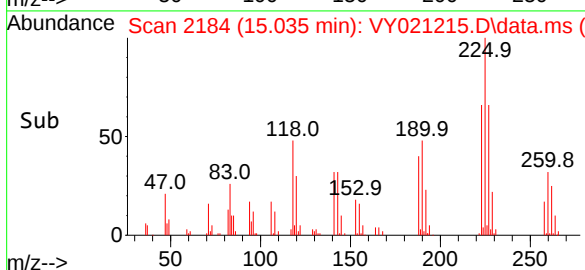
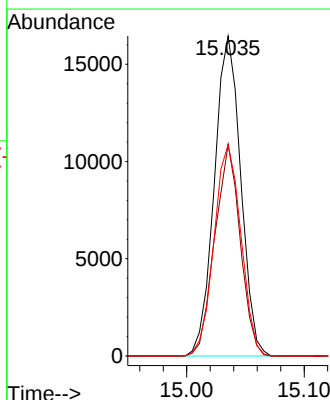
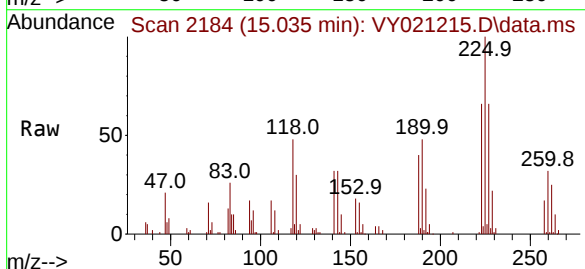
RT: 15.035 min Scan# 2184

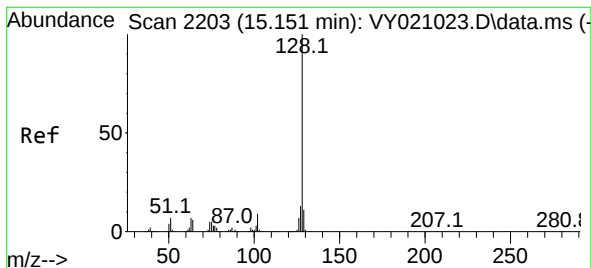
Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion:225	Resp:	25660
Ion Ratio	Lower	Upper
225	100	
223	63.7	31.4 94.3
227	67.2	32.3 96.8





#95

Naphthalene

Concen: 26.379 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

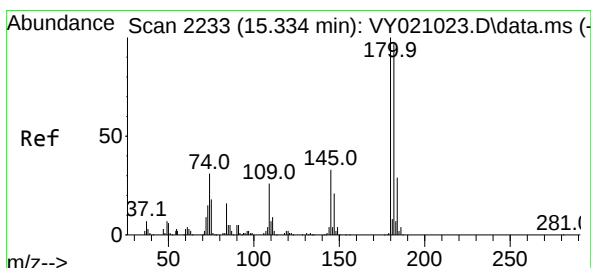
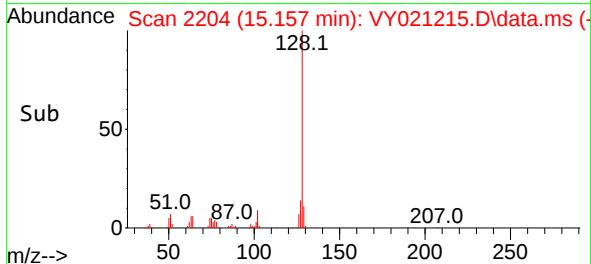
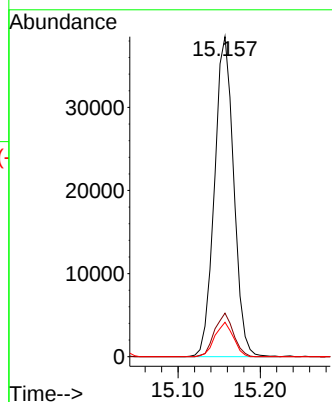
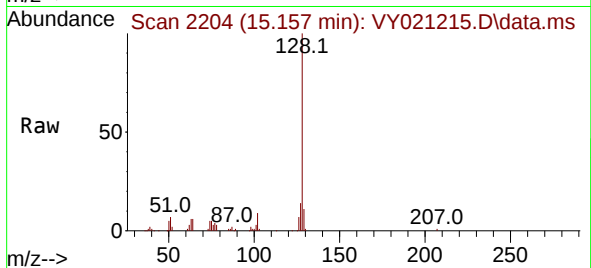
Tgt Ion:128 Resp: 62739

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 26.626 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021215.D

Acq: 17 Feb 2025 12:28

Tgt Ion:180 Resp: 32940

Ion Ratio Lower Upper

180 100

182 94.8 46.3 138.8

145 33.4 16.1 48.2

