

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020844.D
 Acq On : 17 Jan 2025 10:35
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	227324	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	330319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	273627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	137408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	93938	48.618	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.652	113	102673	49.614	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.121	98	391830	54.315	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.640%
62) 4-Bromofluorobenzene	12.414	95	130972	49.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	28950	17.353	ug/l	94
3) Chloromethane	2.080	50	17421	19.832	ug/l	97
4) Vinyl Chloride	2.214	62	19959	20.439	ug/l	92
5) Bromomethane	2.610	94	13037	18.744	ug/l	94
6) Chloroethane	2.751	64	12926	21.463	ug/l	93
7) Trichlorofluoromethane	3.080	101	55524	18.526	ug/l	100
8) Diethyl Ether	3.470	74	17458	18.627	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	40617	20.068	ug/l	98
10) Methyl Iodide	4.025	142	38965	17.965	ug/l	96
11) Tert butyl alcohol	4.872	59	14812	101.452	ug/l #	73
12) 1,1-Dichloroethene	3.811	96	33213	18.735	ug/l	99
13) Acrolein	3.671	56	5140	125.362	ug/l	97
14) Allyl chloride	4.403	41	49242	19.254	ug/l	94
15) Acrylonitrile	5.080	53	37549	94.267	ug/l	99
16) Acetone	3.885	43	25297	92.069	ug/l	98
17) Carbon Disulfide	4.128	76	65759	17.099	ug/l	97
18) Methyl Acetate	4.409	43	17710	19.090	ug/l	97
19) Methyl tert-butyl Ether	5.141	73	90344	18.058	ug/l	97
20) Methylene Chloride	4.641	84	35005	18.448	ug/l	96
21) trans-1,2-Dichloroethene	5.147	96	36335	18.612	ug/l	94
22) Diisopropyl ether	6.037	45	110624	20.305	ug/l	94
23) Vinyl Acetate	5.982	43	285483	95.036	ug/l	98
24) 1,1-Dichloroethane	5.939	63	68965	19.186	ug/l	97
25) 2-Butanone	6.915	43	42063	93.196	ug/l	98
26) 2,2-Dichloropropane	6.902	77	69098	18.515	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	46199	18.757	ug/l	99
28) Bromochloromethane	7.268	49	15767	16.256	ug/l	95
29) Tetrahydrofuran	7.280	42	26884	93.245	ug/l	97
30) Chloroform	7.439	83	75973	18.534	ug/l	98
31) Cyclohexane	7.719	56	54719	19.462	ug/l	94
32) 1,1,1-Trichloroethane	7.634	97	73446	18.369	ug/l	99
36) 1,1-Dichloropropene	7.853	75	50690	19.204	ug/l	100
37) Ethyl Acetate	7.006	43	20249	19.277	ug/l	99
38) Carbon Tetrachloride	7.835	117	67965	18.498	ug/l	98
39) Methylcyclohexane	9.121	83	62336	19.245	ug/l	95
40) Benzene	8.097	78	155940	19.249	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	11805	19.624	ug/l	97
42) 1,2-Dichloroethane	8.170	62	40313	18.222	ug/l	99
43) Isopropyl Acetate	8.213	43	39670	18.568	ug/l	99
44) Trichloroethene	8.878	130	43278	19.164	ug/l	96
45) 1,2-Dichloropropane	9.152	63	37076	20.188	ug/l	99
46) Dibromomethane	9.250	93	19629	18.613	ug/l	99
47) Bromodichloromethane	9.439	83	57436	19.016	ug/l	100
48) Methyl methacrylate	9.237	41	17561	18.334	ug/l	98
49) 1,4-Dioxane	9.243	88	3563	318.207	ug/l	89
51) 4-Methyl-2-Pentanone	10.012	43	102398	95.936	ug/l	100
52) Toluene	10.182	92	103261	19.249	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	49815	18.544	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	59160	18.963	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	29329	19.466	ug/l	97
56) Ethyl methacrylate	10.451	69	34901	18.342	ug/l	98
57) 1,3-Dichloropropane	10.731	76	48103	19.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	64662	85.663	ug/l	96
59) 2-Hexanone	10.774	43	64650	94.413	ug/l	97
60) Dibromochloromethane	10.920	129	41847	19.151	ug/l	100
61) 1,2-Dibromoethane	11.024	107	25367	18.754	ug/l	97
64) Tetrachloroethene	10.658	164	38077	18.927	ug/l	95
65) Chlorobenzene	11.450	112	116816	19.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	44260	19.217	ug/l	99
67) Ethyl Benzene	11.530	91	201638	19.251	ug/l	99
68) m/p-Xylenes	11.639	106	153750	38.125	ug/l	99
69) o-Xylene	11.962	106	73259	19.159	ug/l	96
70) Styrene	11.981	104	122887	19.092	ug/l	99
71) Bromoform	12.145	173	24669	18.842	ug/l #	99
73) Isopropylbenzene	12.267	105	204987	18.805	ug/l	100
74) N-amyl acetate	12.078	43	33502	18.789	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	31157	18.858	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	40230	33.461	ug/l #	100
77) Bromobenzene	12.542	156	46507	18.505	ug/l	98
78) n-propylbenzene	12.603	91	239000	19.316	ug/l	99
79) 2-Chlorotoluene	12.688	91	135678	19.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	168012	19.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10444	18.316	ug/l	98
82) 4-Chlorotoluene	12.785	91	140049	19.046	ug/l	99
83) tert-Butylbenzene	13.011	119	160711	19.450	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	162502	18.837	ug/l	99
85) sec-Butylbenzene	13.188	105	224021	19.411	ug/l	100
86) p-Isopropyltoluene	13.304	119	188068	19.102	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	92213	18.883	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	91292	18.992	ug/l	99
89) n-Butylbenzene	13.627	91	164972	19.315	ug/l	99
90) Hexachloroethane	13.889	117	36617	18.522	ug/l	97
91) 1,2-Dichlorobenzene	13.669	146	80428	18.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4275	16.003	ug/l	94
93) 1,2,4-Trichlorobenzene	14.931	180	45039	18.329	ug/l	98
94) Hexachlorobutadiene	15.035	225	32702	18.878	ug/l	99
95) Naphthalene	15.157	128	72114	17.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	38564	18.732	ug/l	98

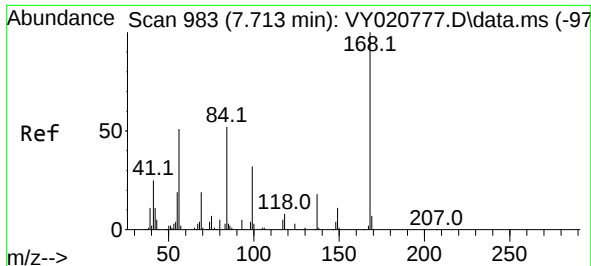
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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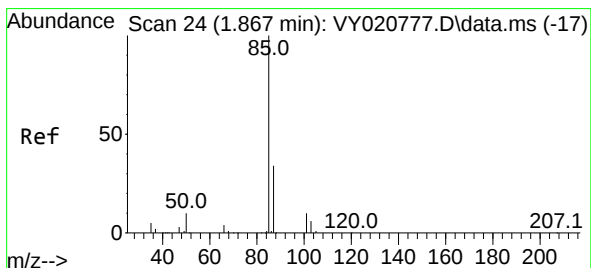
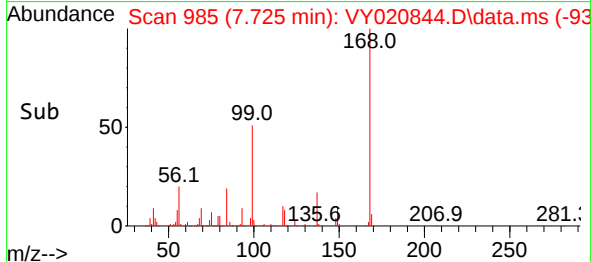
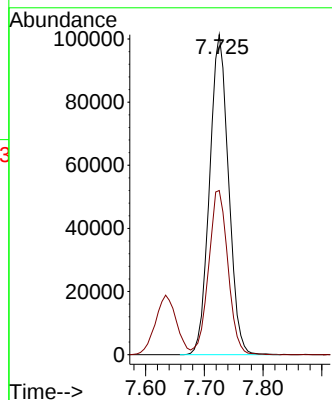
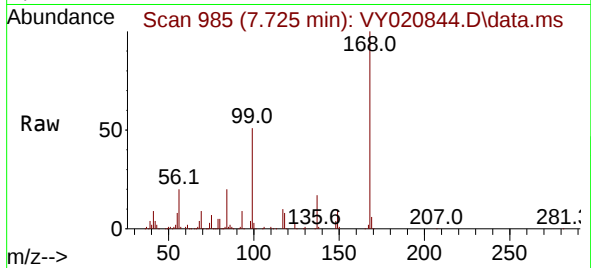
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

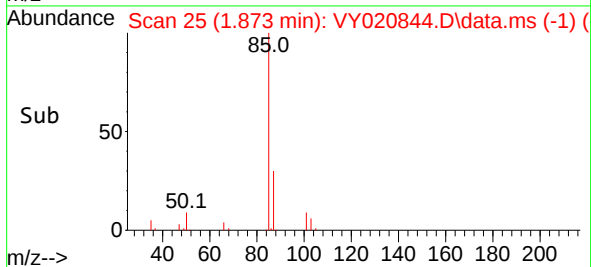
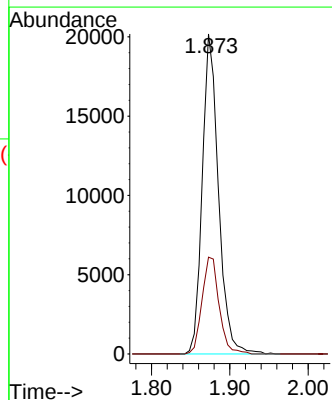
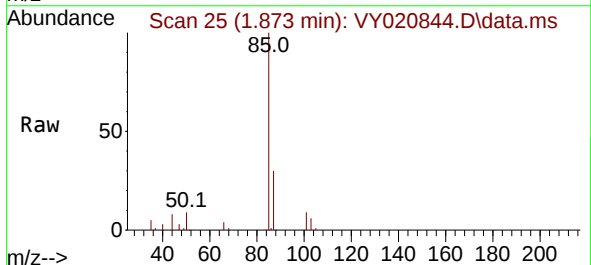
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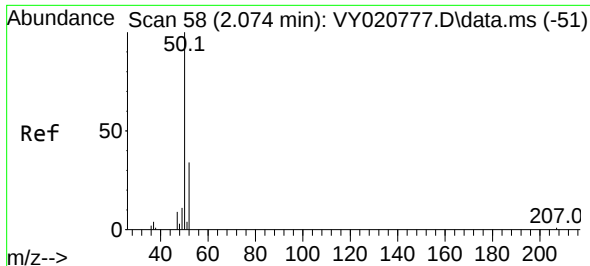
Tgt Ion:168 Resp: 227324
Ion Ratio Lower Upper
168 100
99 51.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 17.353 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

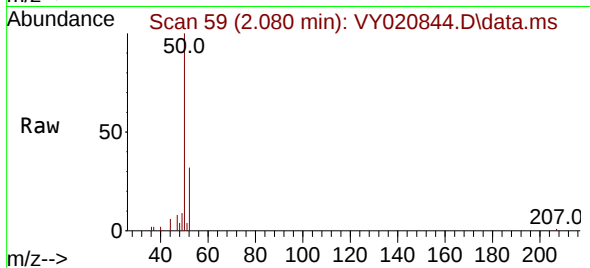
Tgt Ion: 85 Resp: 28950
Ion Ratio Lower Upper
85 100
87 30.2 16.9 50.6



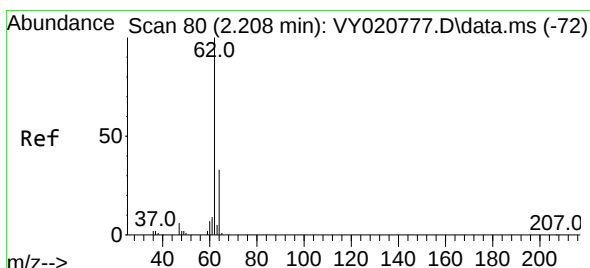
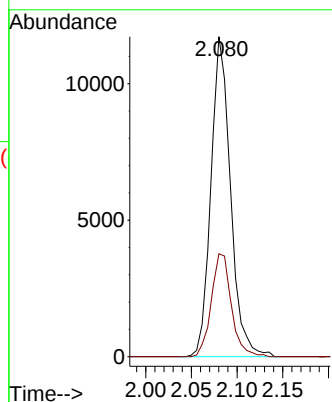
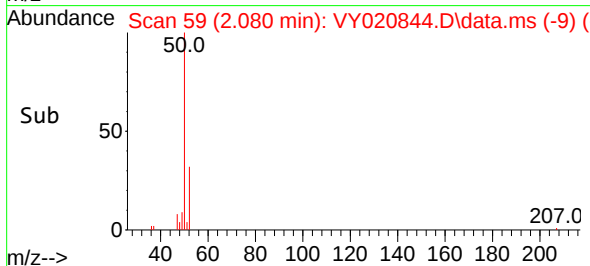


#3
Chloromethane
Concen: 19.832 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

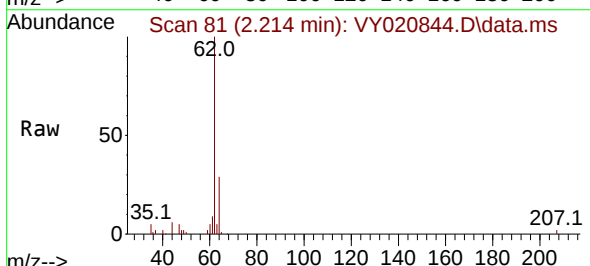
Instrument :
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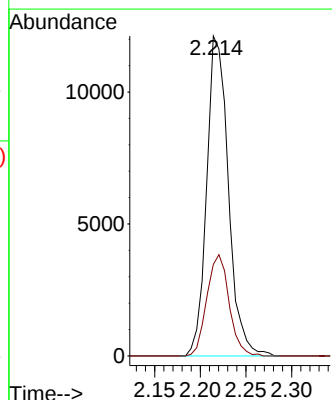
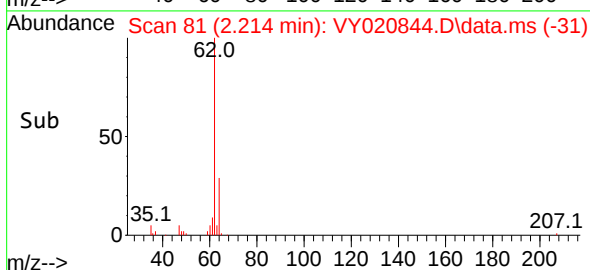
Tgt Ion: 50 Resp: 17421
Ion Ratio Lower Upper
50 100
52 32.2 27.3 40.9

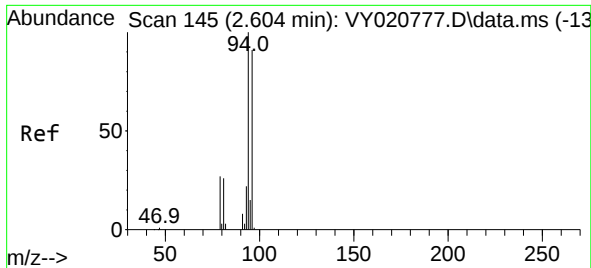


#4
Vinyl Chloride
Concen: 20.439 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35



Tgt Ion: 62 Resp: 19959
Ion Ratio Lower Upper
62 100
64 28.6 26.6 39.8

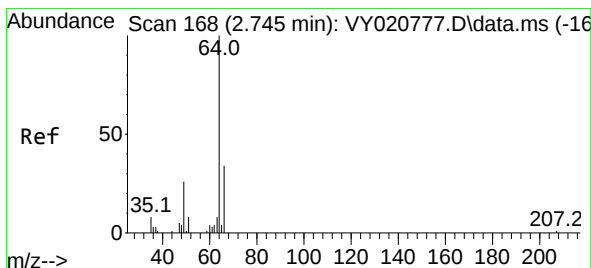
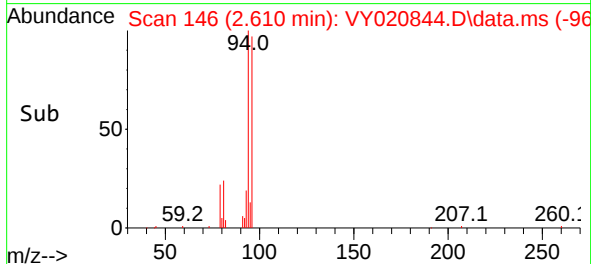
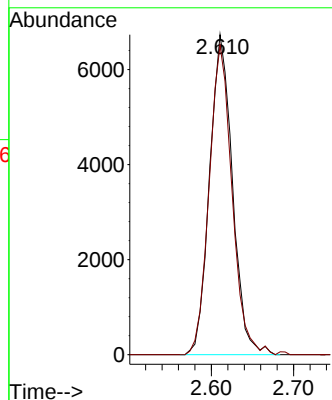
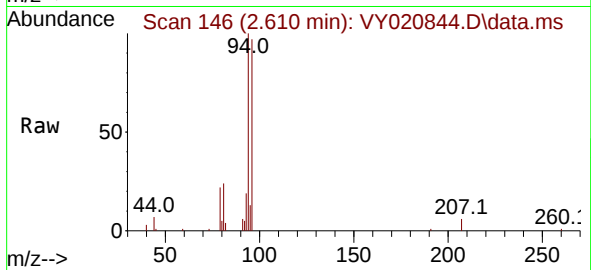




#5
Bromomethane
Concen: 18.744 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

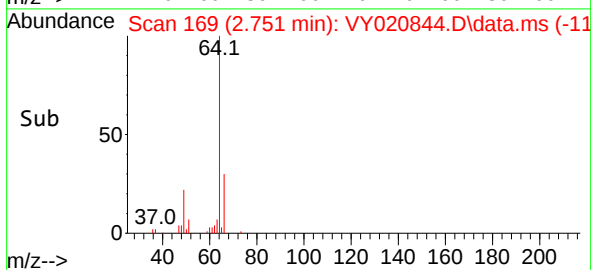
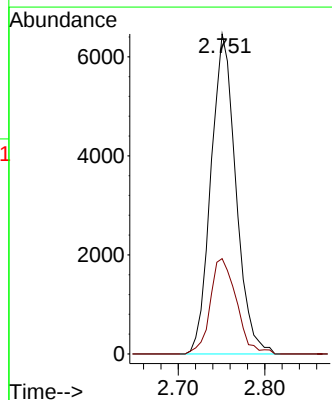
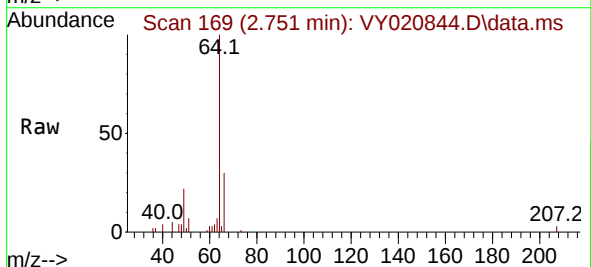
Instrument :
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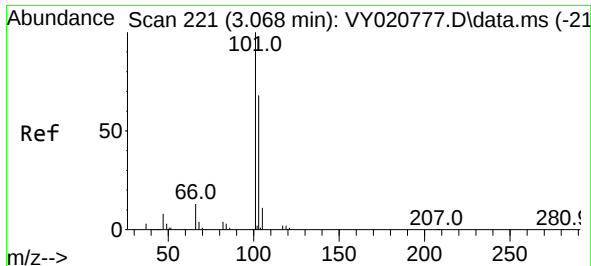
Tgt Ion: 94 Resp: 13037
Ion Ratio Lower Upper
94 100
96 96.7 72.6 109.0



#6
Chloroethane
Concen: 21.463 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 64 Resp: 12926
Ion Ratio Lower Upper
64 100
66 29.8 26.9 40.3

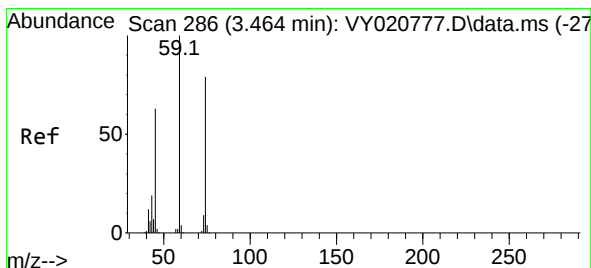
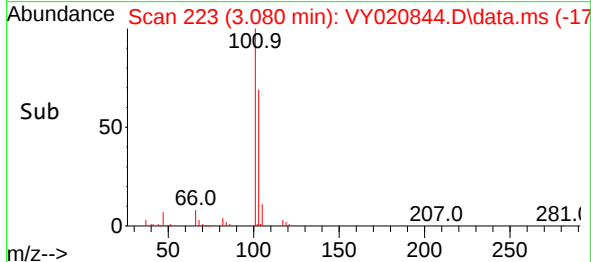
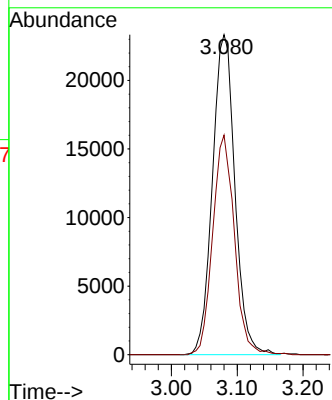
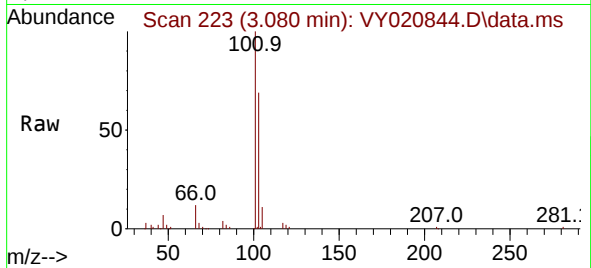




#7
Trichlorofluoromethane
Concen: 18.526 ug/l
RT: 3.080 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

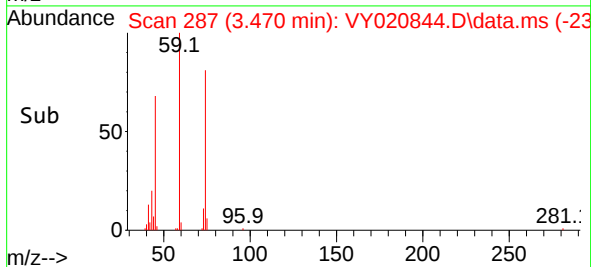
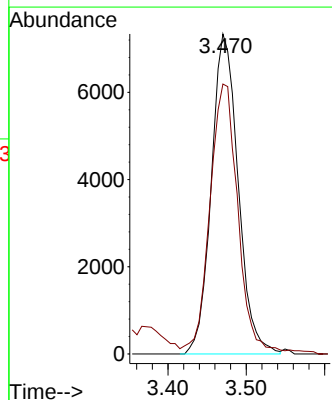
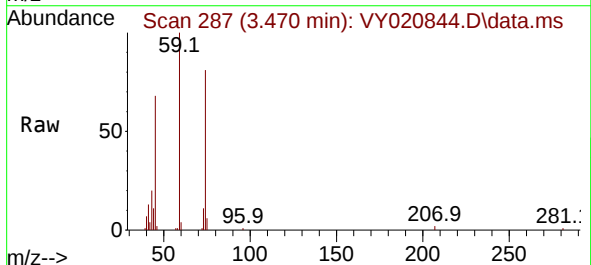
Instrument :
MSVOA_Y
ClientSampleId :

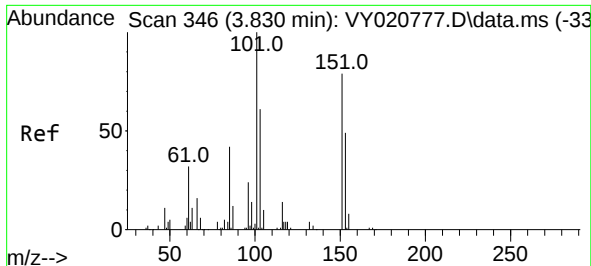
Tgt Ion:101 Resp: 55524
Ion Ratio Lower Upper
101 100
103 68.6 54.6 82.0



#8
Diethyl Ether
Concen: 18.627 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 74 Resp: 17458
Ion Ratio Lower Upper
74 100
45 89.0 41.3 124.1

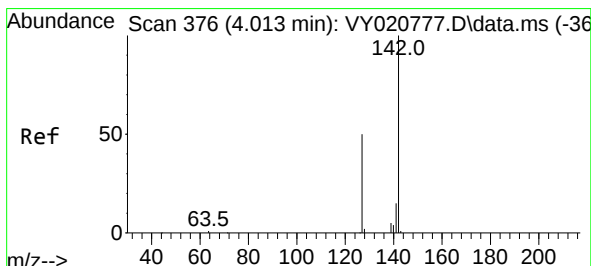
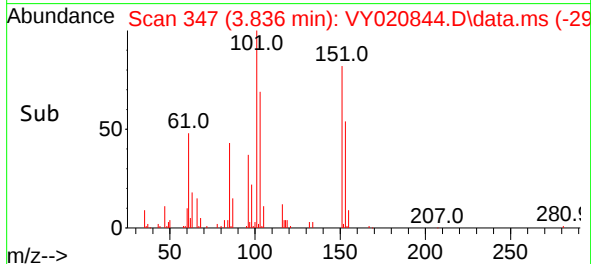
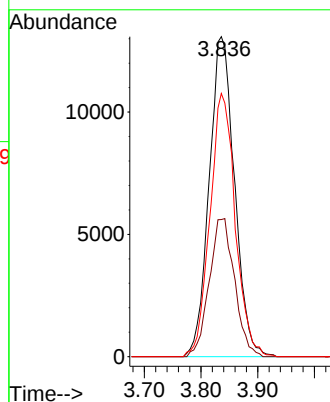
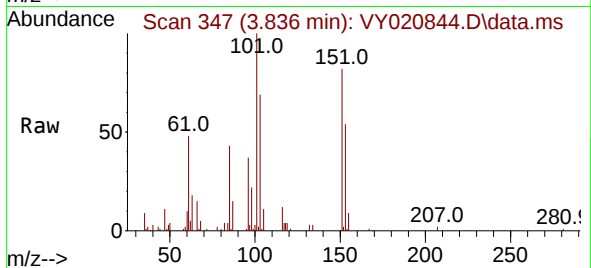




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.068 ug/l
 RT: 3.836 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VY020844.D
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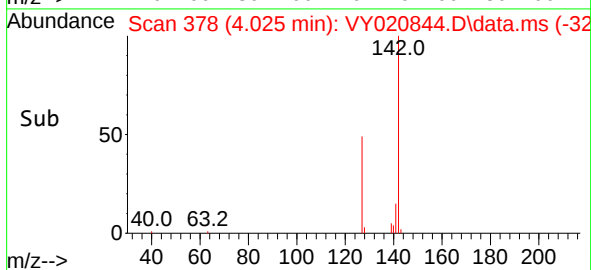
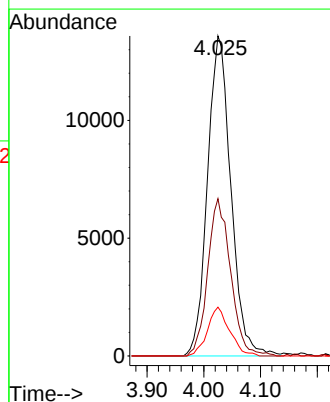
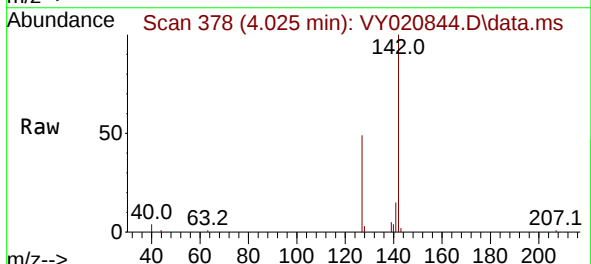
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 MSVOA_Y
 ClientSampleId :

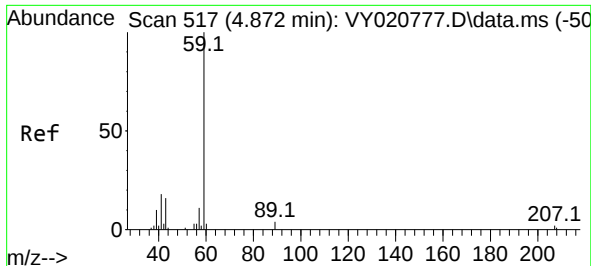
Tgt Ion:101 Resp: 40617
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.9 53.9
 151 82.0 66.9 100.3



#10
 Methyl Iodide
 Concen: 17.965 ug/l
 RT: 4.025 min Scan# 378
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

Tgt Ion:142 Resp: 38965
 Ion Ratio Lower Upper
 142 100
 127 48.1 41.0 61.6
 141 14.5 11.6 17.4

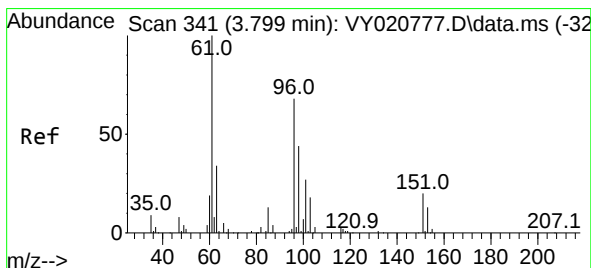
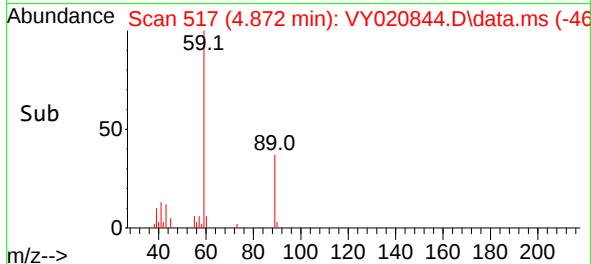
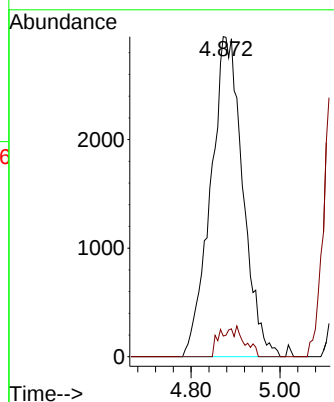
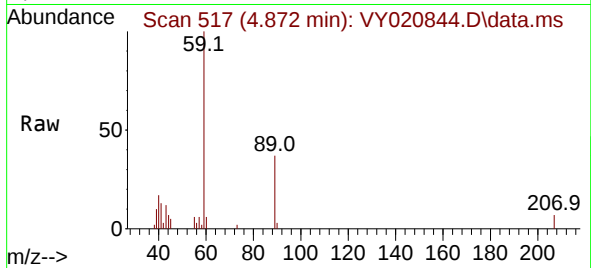




#11
Tert butyl alcohol
Concen: 101.452 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

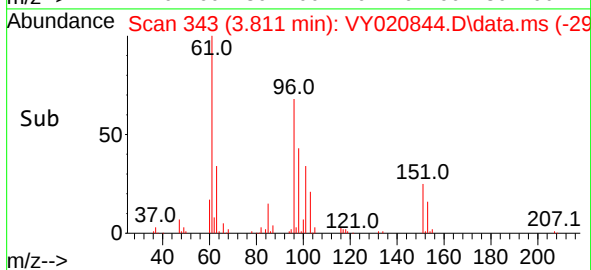
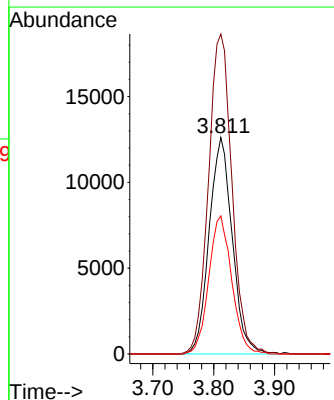
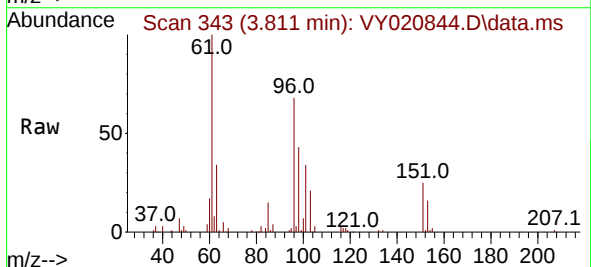
Instrument :
MSVOA_Y
ClientSampleId :

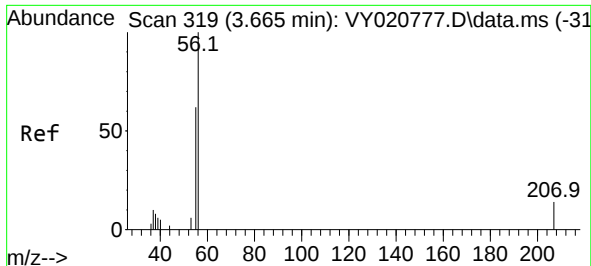
Tgt Ion: 59 Resp: 14812
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.735 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 96 Resp: 33213
Ion Ratio Lower Upper
96 100
61 147.8 117.8 176.8
98 63.8 51.9 77.9

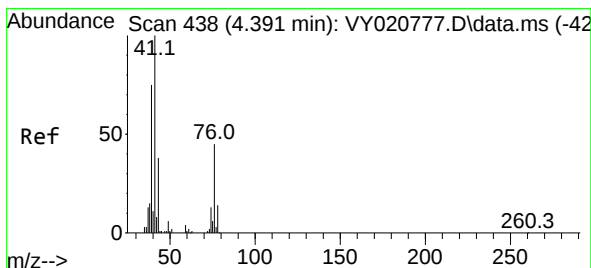
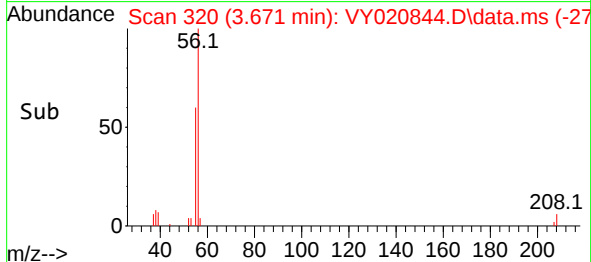
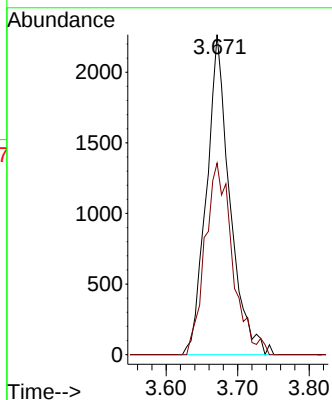
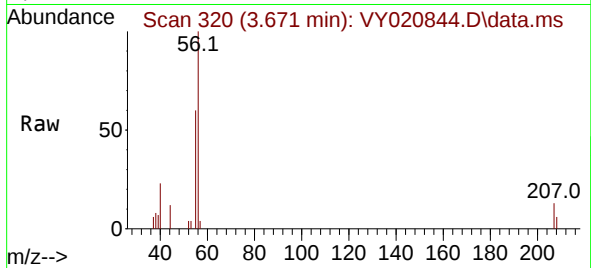




#13
Acrolein
Concen: 125.362 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

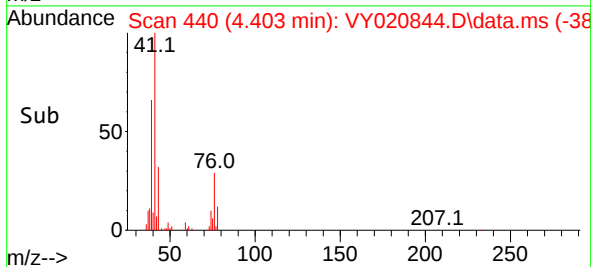
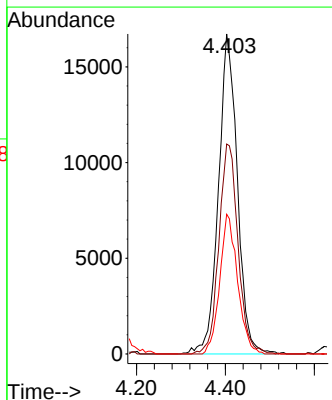
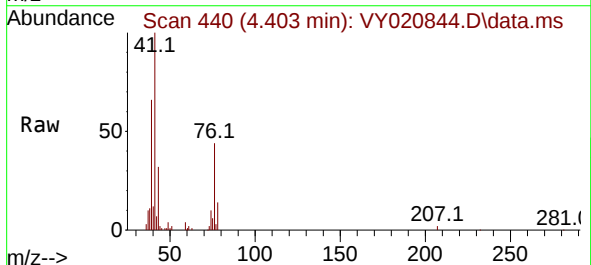
Instrument :
MSVOA_Y
ClientSampleId :

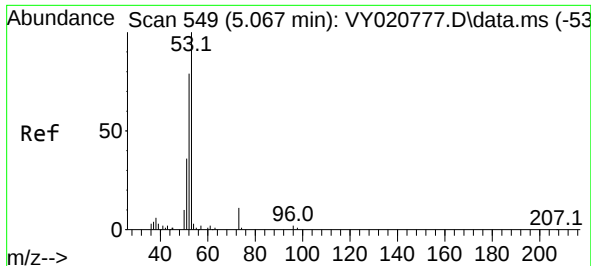
Tgt Ion: 56 Resp: 5140
Ion Ratio Lower Upper
56 100
55 70.5 58.1 87.1



#14
Allyl chloride
Concen: 19.254 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

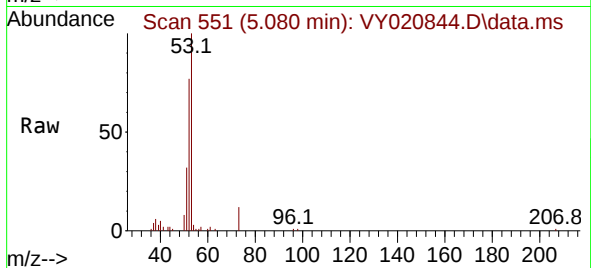
Tgt Ion: 41 Resp: 49242
Ion Ratio Lower Upper
41 100
39 66.3 57.5 86.3
76 41.3 35.6 53.4



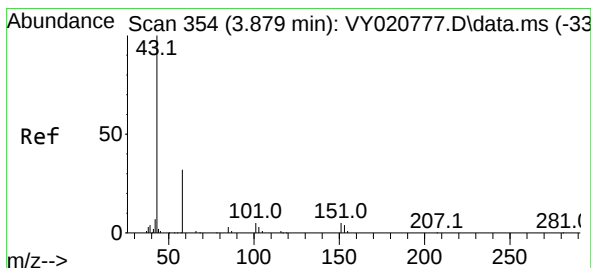
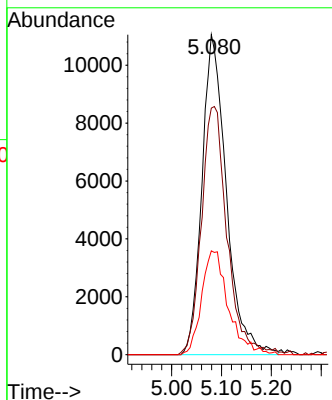
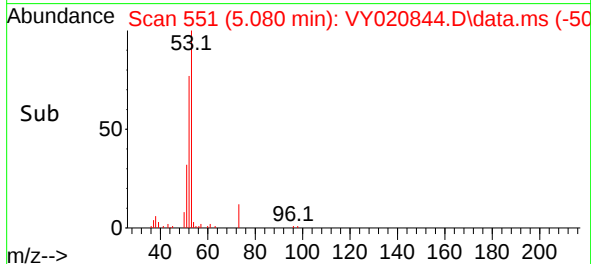


#15
Acrylonitrile
Concen: 94.267 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

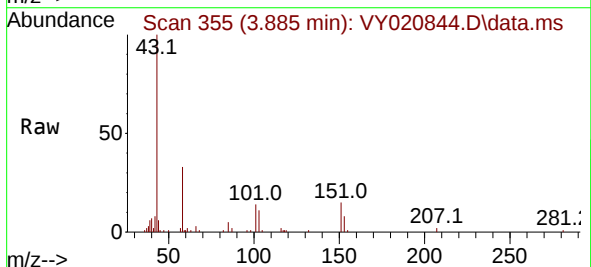
Instrument :
MSVOA_Y
ClientSampleId :



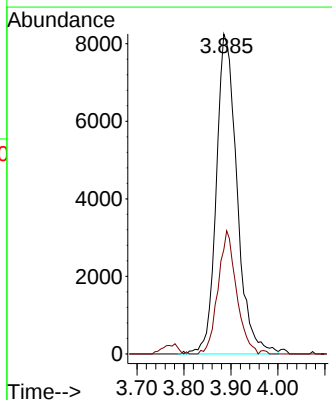
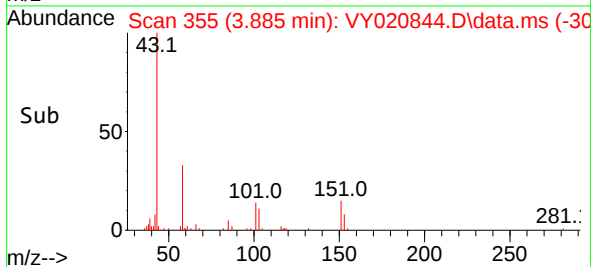
Tgt Ion: 53 Resp: 37549
Ion Ratio Lower Upper
53 100
52 81.3 64.3 96.5
51 35.6 29.3 43.9

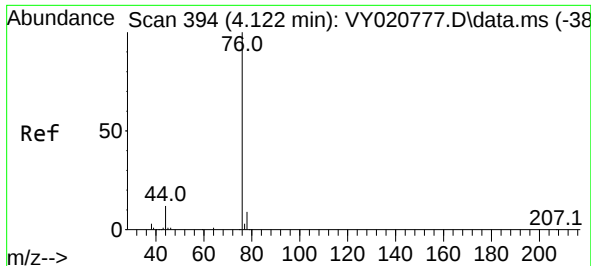


#16
Acetone
Concen: 92.069 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35



Tgt Ion: 43 Resp: 25297
Ion Ratio Lower Upper
43 100
58 32.5 26.7 40.1

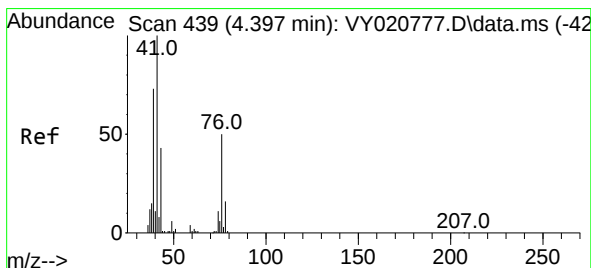
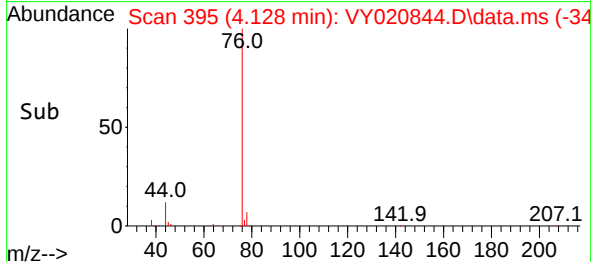
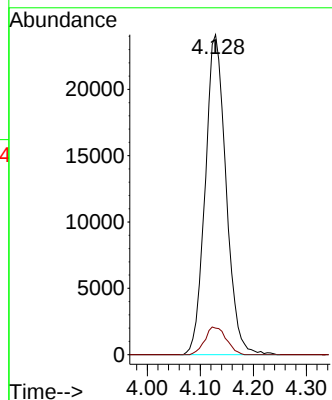
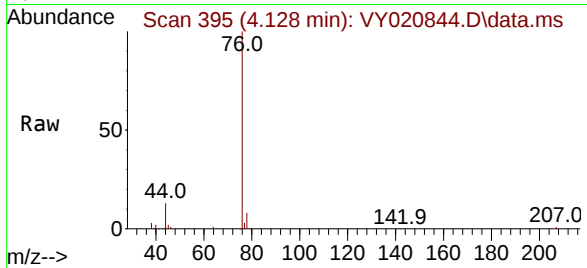




#17
Carbon Disulfide
Concen: 17.099 ug/l
RT: 4.128 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

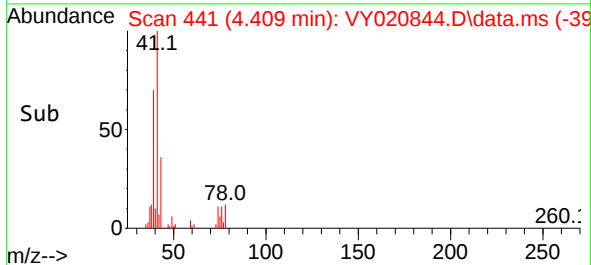
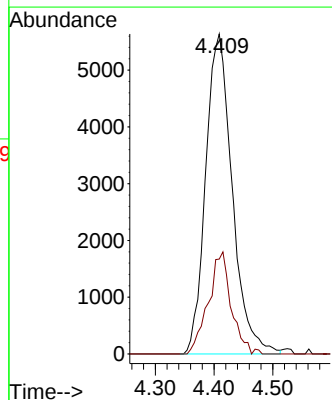
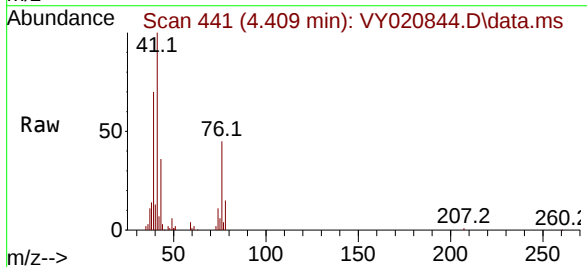
Instrument :
MSVOA_Y
ClientSampleId :

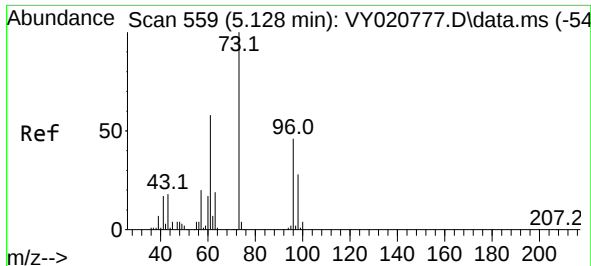
Tgt Ion: 76 Resp: 65759
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 19.090 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 43 Resp: 17710
Ion Ratio Lower Upper
43 100
74 27.4 23.0 34.6

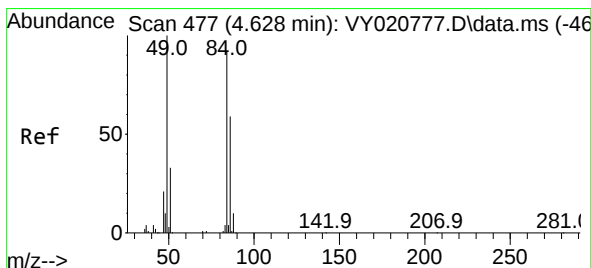
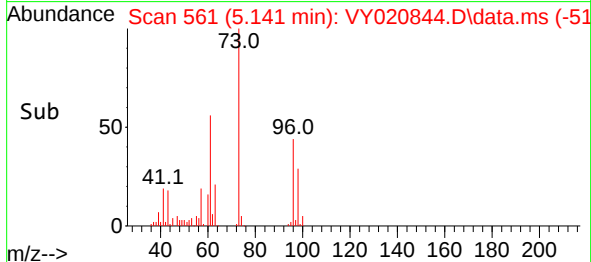
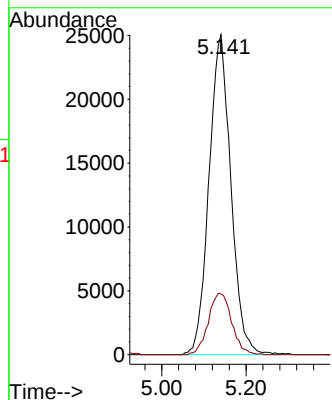
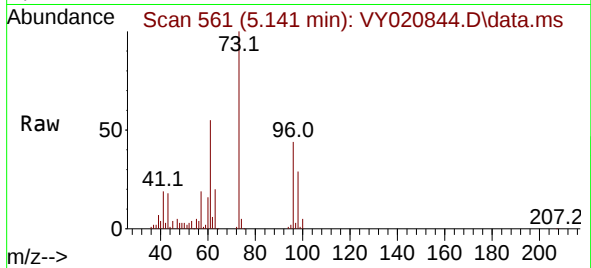




#19
Methyl tert-butyl Ether
Concen: 18.058 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

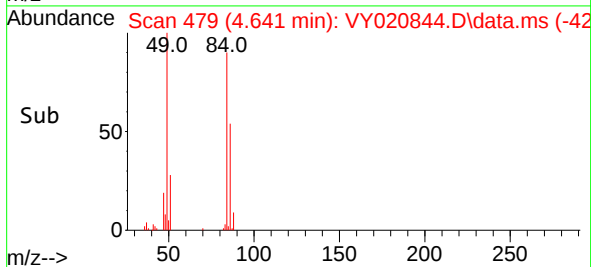
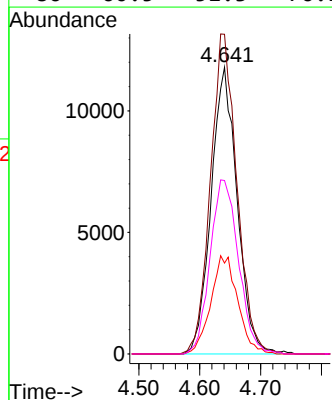
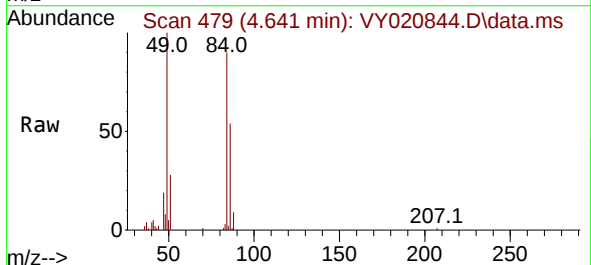
Instrument :
MSVOA_Y
ClientSampleId :

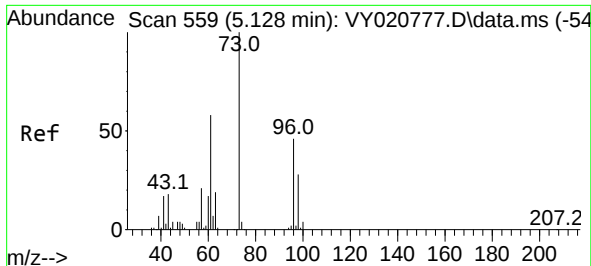
Tgt Ion: 73 Resp: 90344
Ion Ratio Lower Upper
73 100
57 19.0 16.4 24.6



#20
Methylene Chloride
Concen: 18.448 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

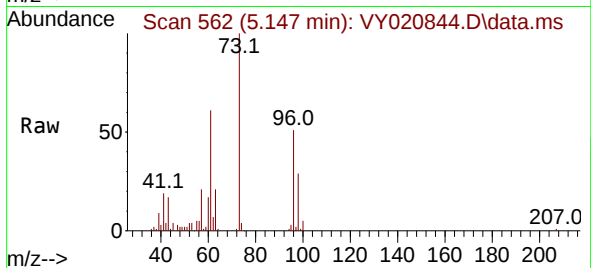
Tgt Ion: 84 Resp: 35005
Ion Ratio Lower Upper
84 100
49 111.5 86.7 130.1
51 31.7 28.4 42.6
86 60.5 51.3 76.9



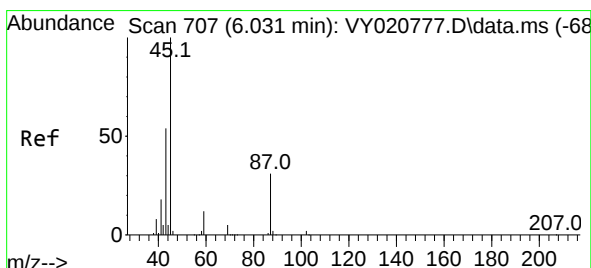
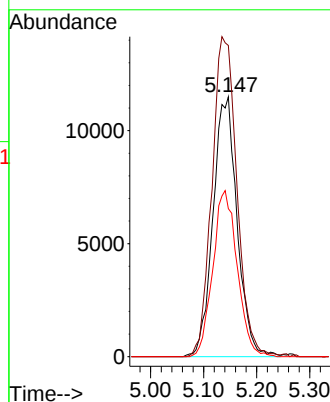
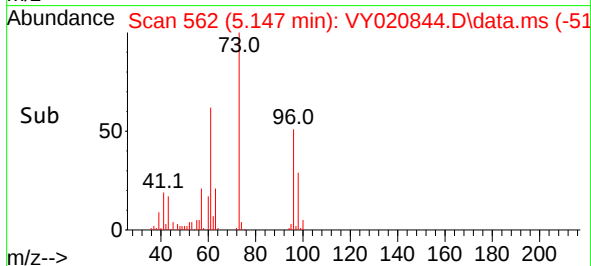


#21
trans-1,2-Dichloroethene
Concen: 18.612 ug/l
RT: 5.147 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :

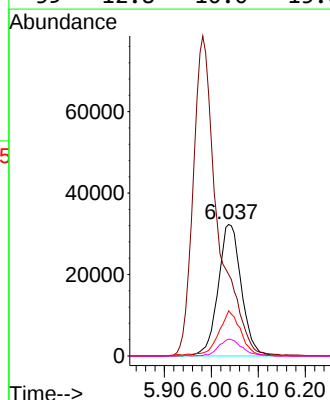
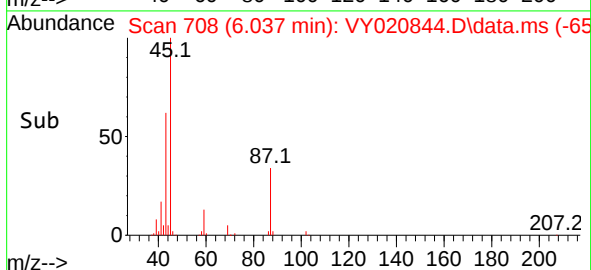
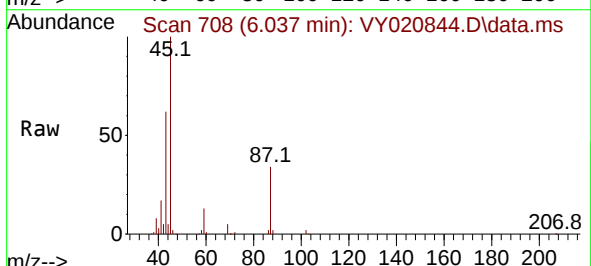


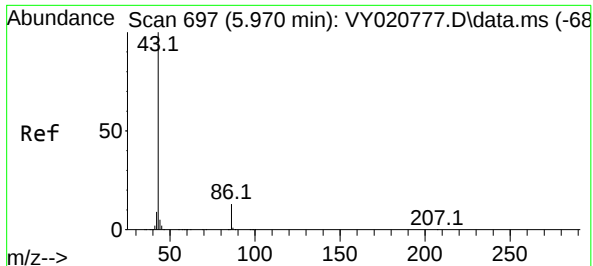
Tgt Ion: 96 Resp: 36335
Ion Ratio Lower Upper
96 100
61 119.7 101.6 152.4
98 57.0 49.4 74.2



#22
Diisopropyl ether
Concen: 20.305 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 45 Resp: 110624
Ion Ratio Lower Upper
45 100
43 61.1 43.9 65.9
87 34.3 25.3 37.9
59 12.8 10.0 15.0

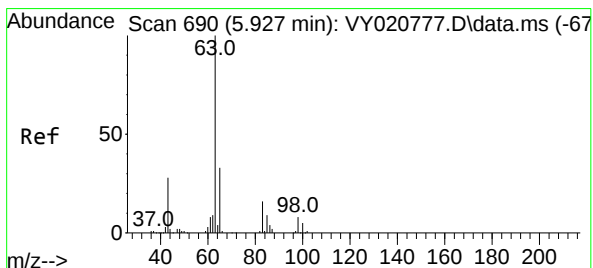
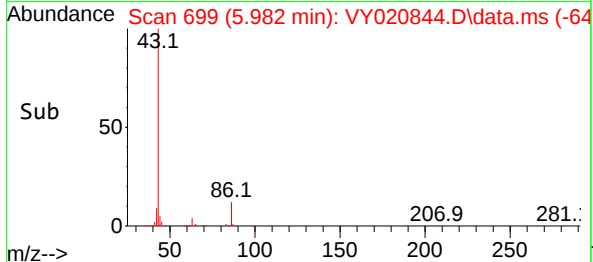
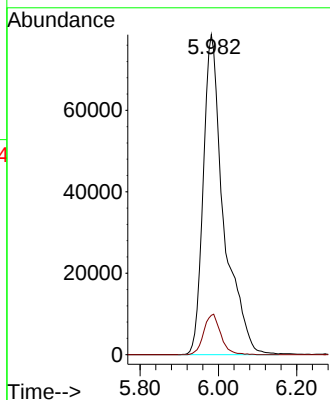
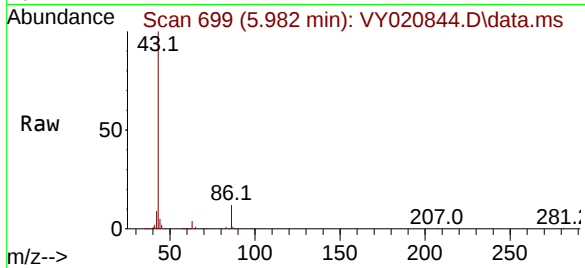




#23
 Vinyl Acetate
 Concen: 95.036 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

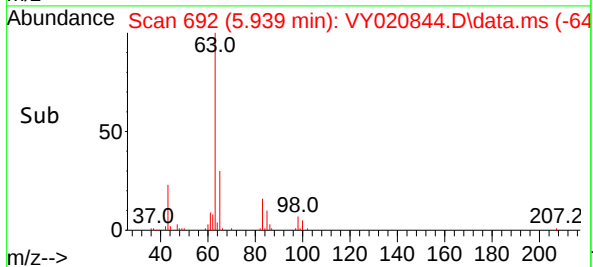
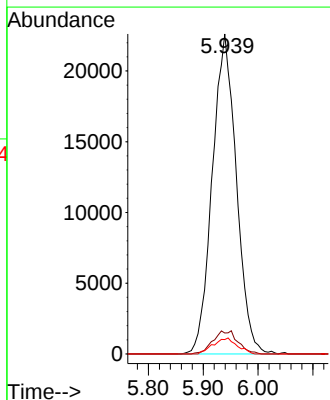
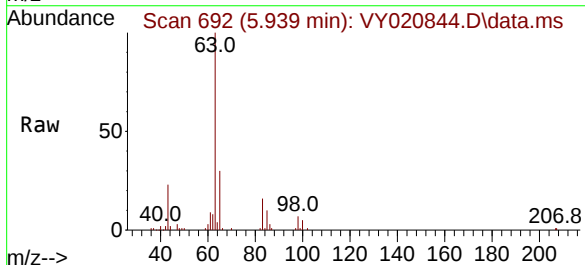
Instrument :
 MSVOA_Y
 ClientSampleId :

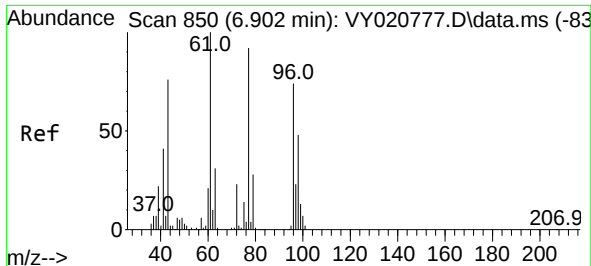
Tgt Ion: 43 Resp: 285483
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 19.186 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

Tgt Ion: 63 Resp: 68965
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 93.196 ug/l

RT: 6.915 min Scan# 81

Delta R.T. 0.012 min

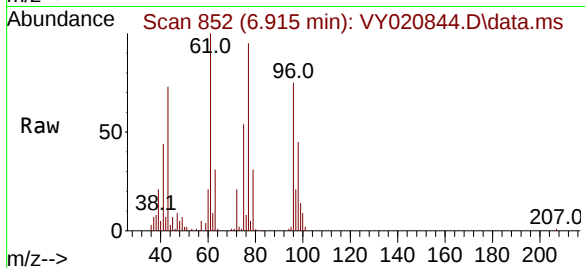
Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

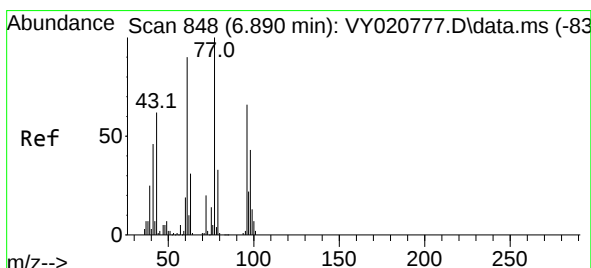
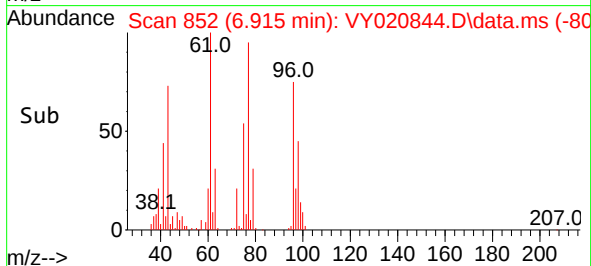
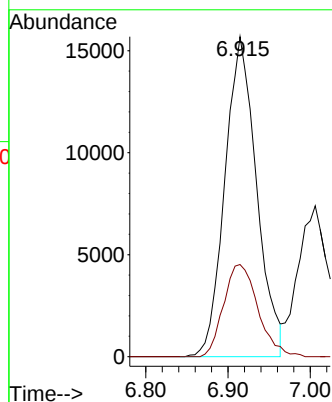
MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 42063

Ion	Ratio	Lower	Upper
43	100		
72	28.8	24.0	36.0



#26

2,2-Dichloropropane

Concen: 18.515 ug/l

RT: 6.902 min Scan# 850

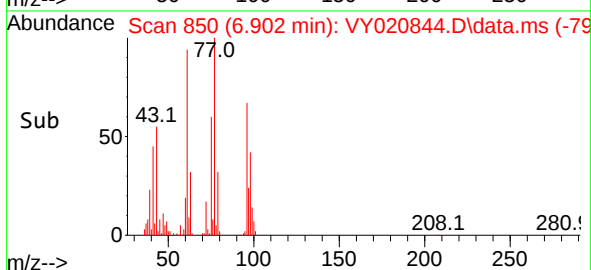
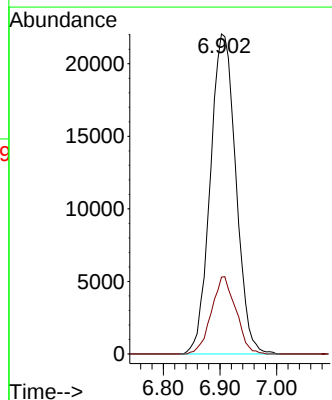
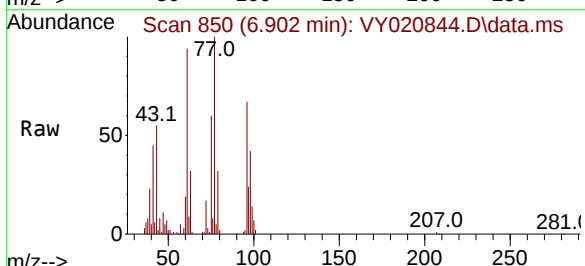
Delta R.T. 0.012 min

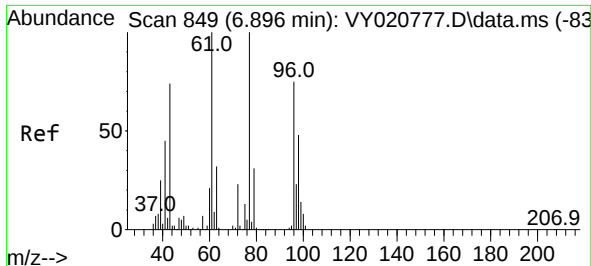
Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion: 77 Resp: 69098

Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 18.757 ug/l

RT: 6.908 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

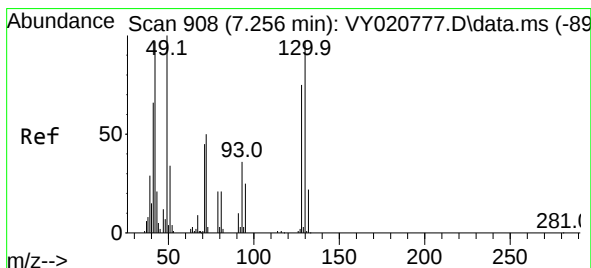
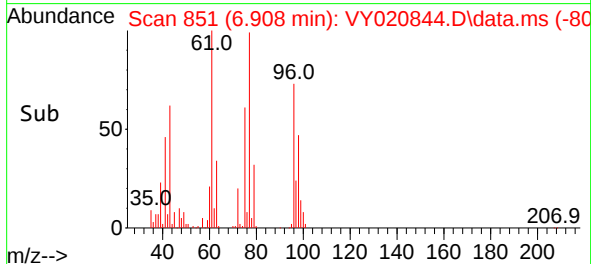
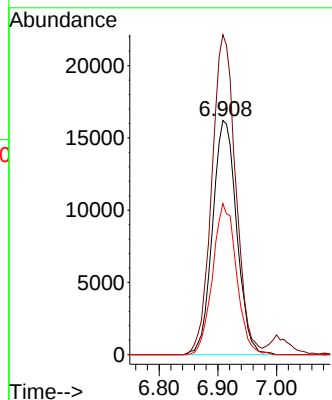
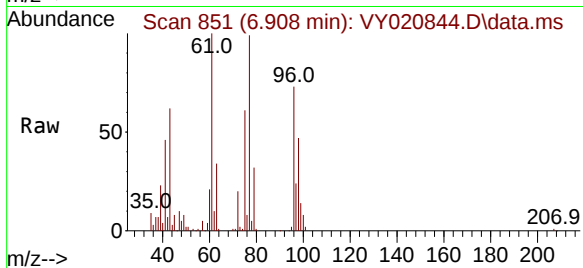
Tgt Ion: 96 Resp: 46199

Ion Ratio Lower Upper

96 100

61 135.2 0.0 271.4

98 63.8 0.0 129.0



#28

Bromochloromethane

Concen: 16.256 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

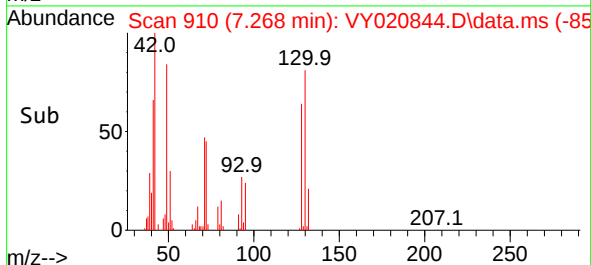
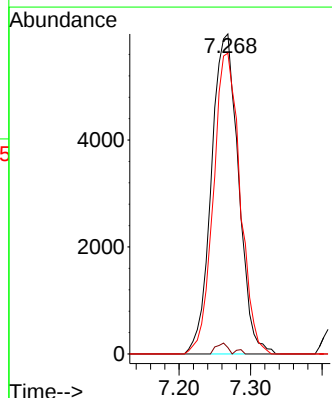
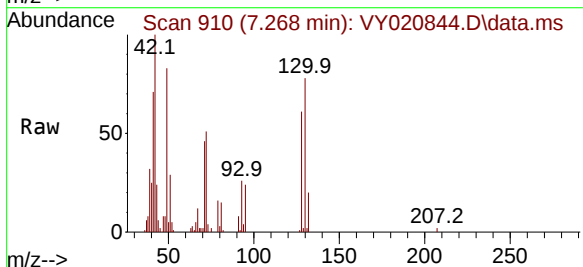
Tgt Ion: 49 Resp: 15767

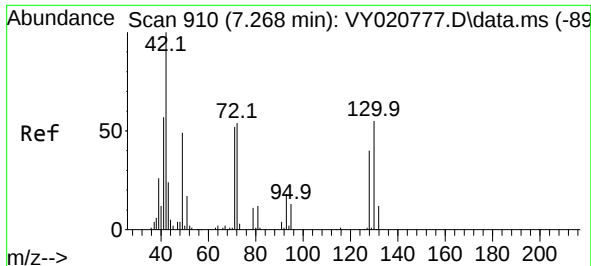
Ion Ratio Lower Upper

49 100

129 1.4 0.0 5.2

130 92.5 77.8 116.6





#29

Tetrahydrofuran

Concen: 93.245 ug/l

RT: 7.280 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020844.D

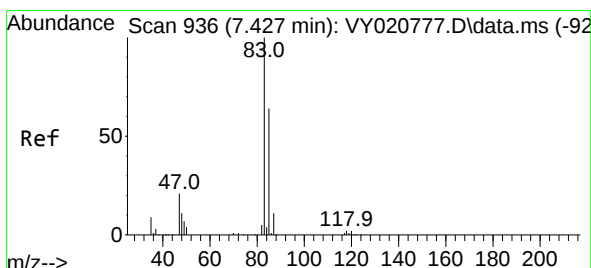
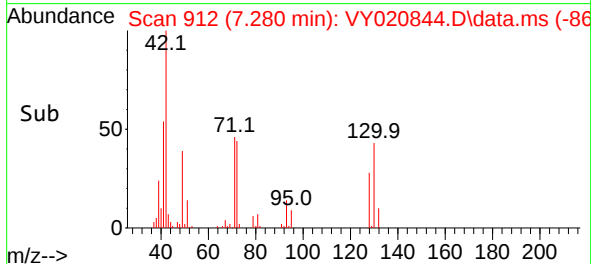
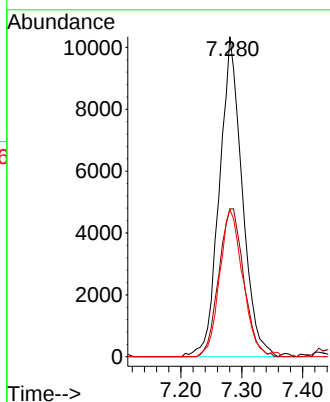
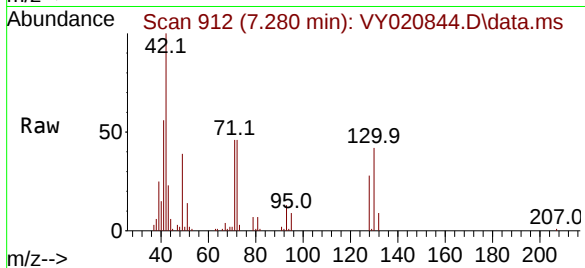
Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	26884
Ion	Ratio	Lower	Upper
42	100		
72	50.5	41.8	62.6
71	46.8	39.8	59.8



#30

Chloroform

Concen: 18.534 ug/l

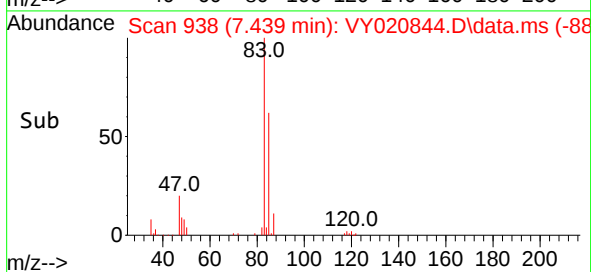
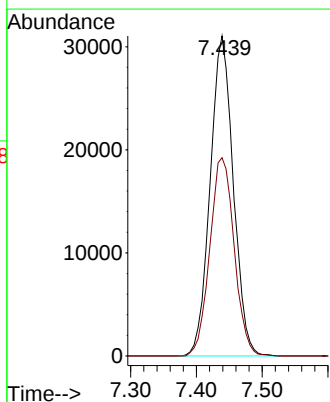
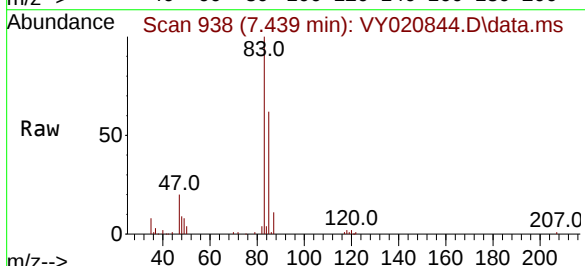
RT: 7.439 min Scan# 938

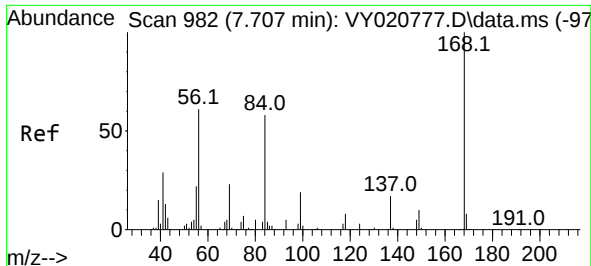
Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	83	Resp:	75973
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.1	76.7

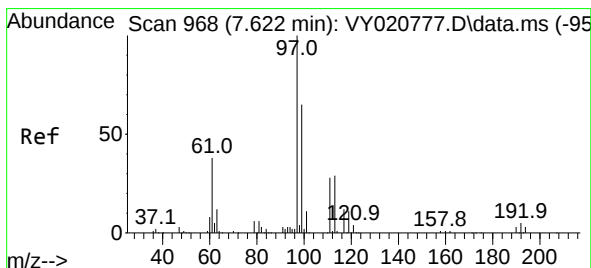
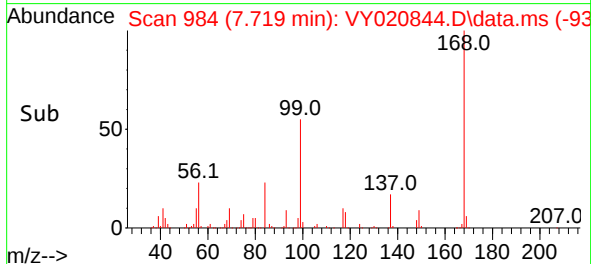
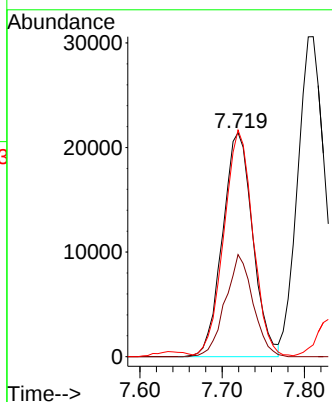
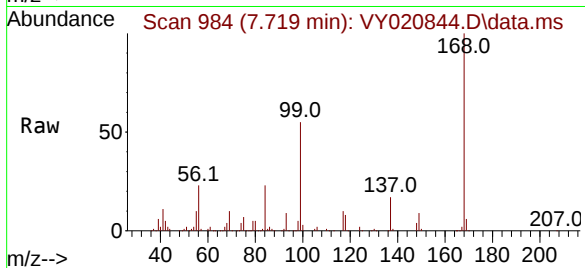




#31
Cyclohexane
Concen: 19.462 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

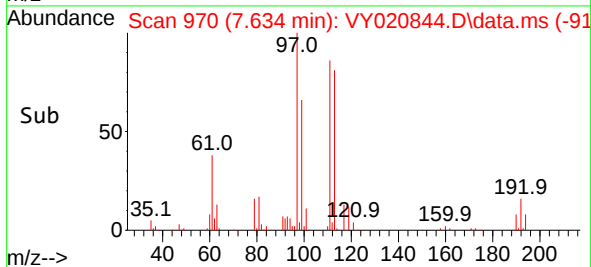
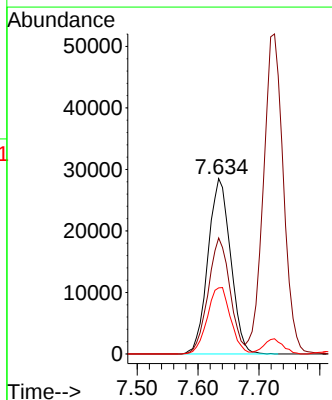
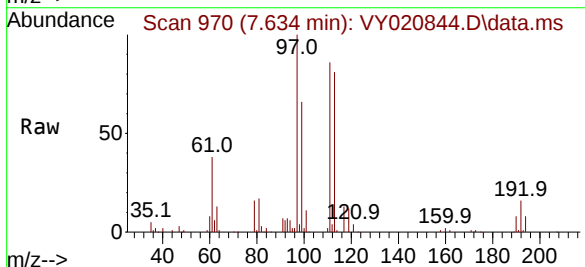
Instrument :
MSVOA_Y
ClientSampleId :

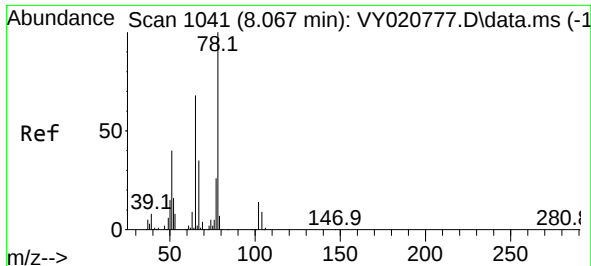
Tgt Ion: 56 Resp: 54719
Ion Ratio Lower Upper
56 100
69 45.6 30.5 45.7
84 99.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 18.369 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 97 Resp: 73446
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 39.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 48.618 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

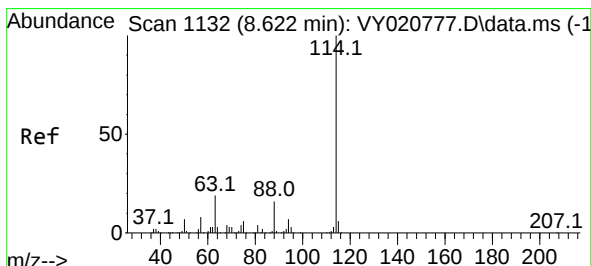
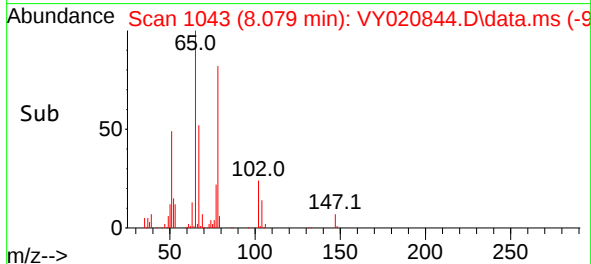
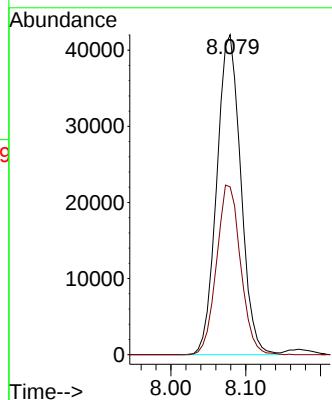
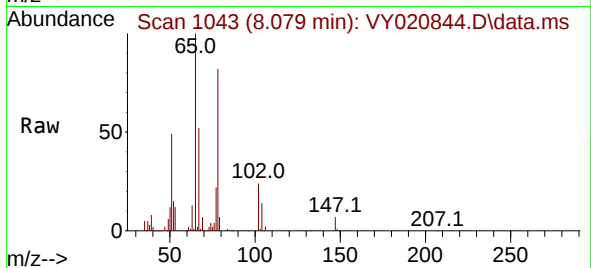
ClientSampleId :

Tgt Ion: 65 Resp: 93938

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

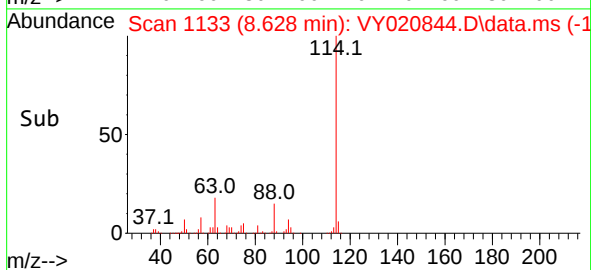
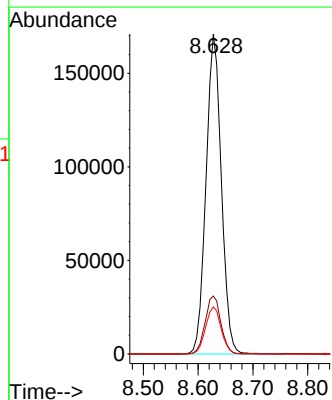
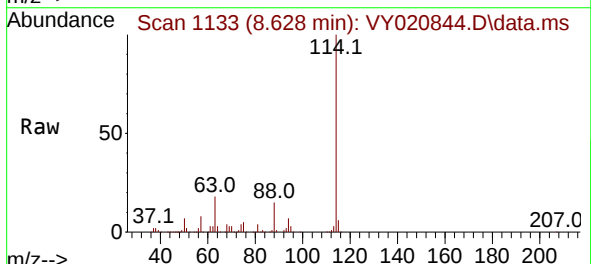
Tgt Ion: 114 Resp: 330319

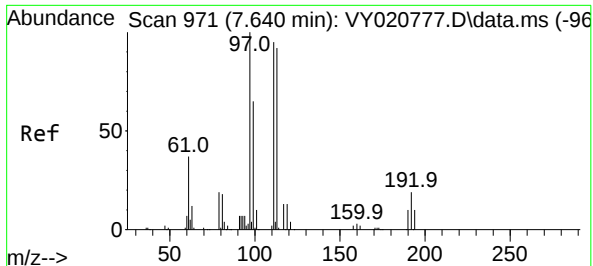
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.614 ug/l

RT: 7.652 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

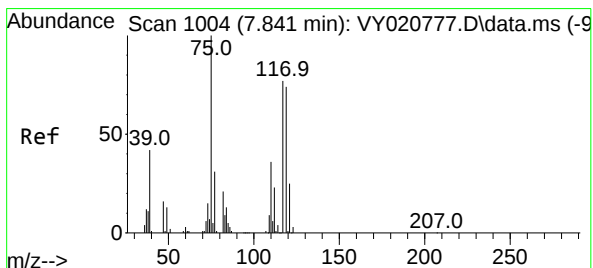
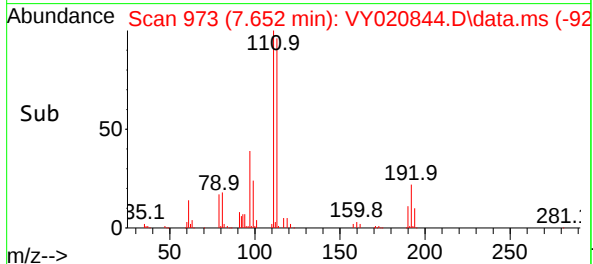
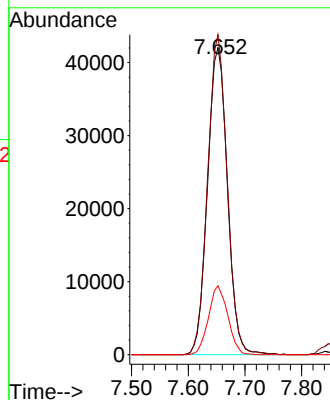
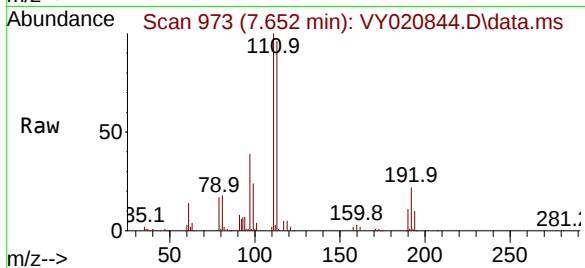
Tgt Ion:113 Resp: 102673

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

192 21.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 19.204 ug/l

RT: 7.853 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

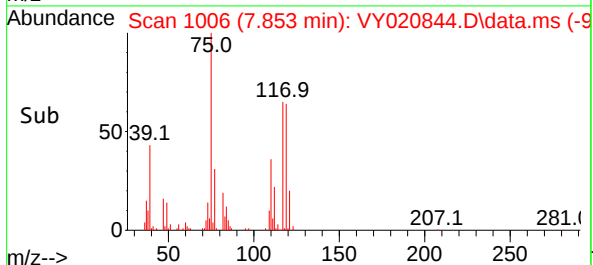
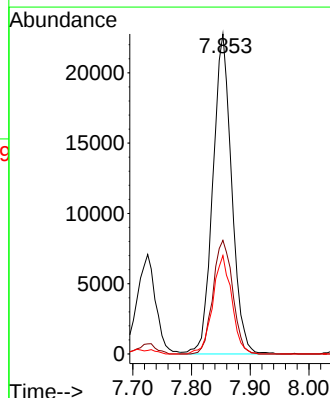
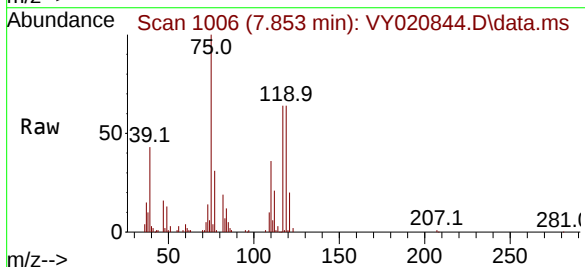
Tgt Ion: 75 Resp: 50690

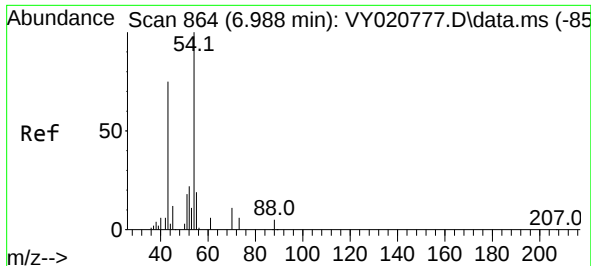
Ion Ratio Lower Upper

75 100

110 37.1 18.5 55.5

77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 19.277 ug/l

RT: 7.006 min Scan# 80

Delta R.T. 0.018 min

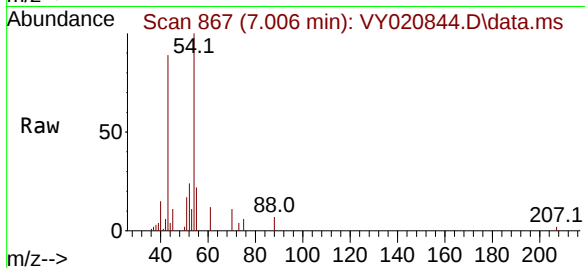
Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :



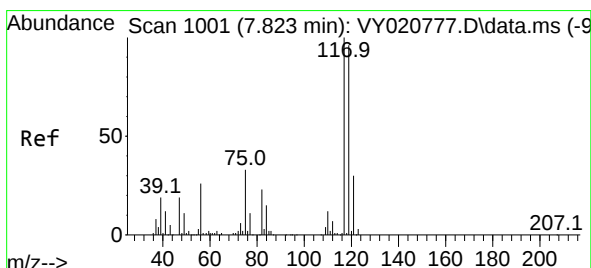
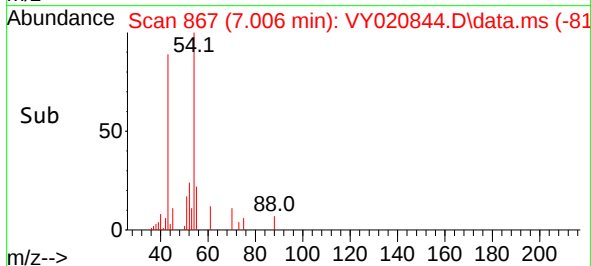
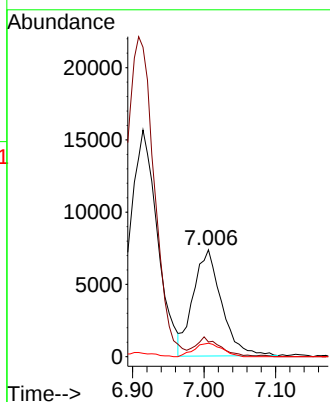
Tgt Ion: 43 Resp: 20249

Ion Ratio Lower Upper

43 100

61 14.4 11.8 17.6

70 12.5 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.498 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

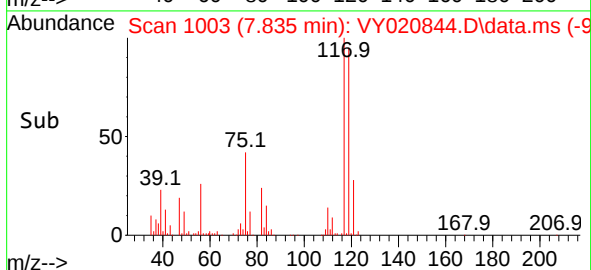
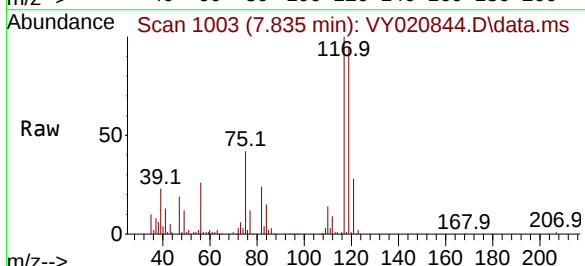
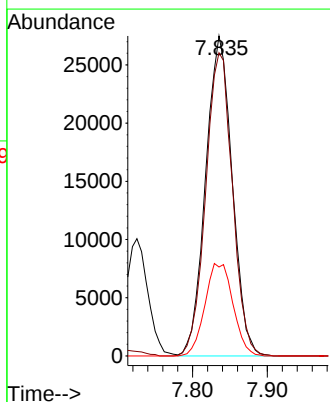
Tgt Ion: 117 Resp: 67965

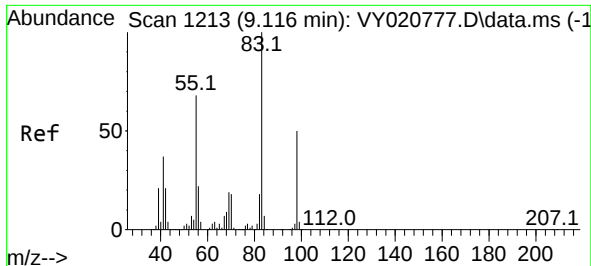
Ion Ratio Lower Upper

117 100

119 94.7 76.5 114.7

121 27.8 24.3 36.5





#39

Methylcyclohexane

Concen: 19.245 ug/l

RT: 9.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

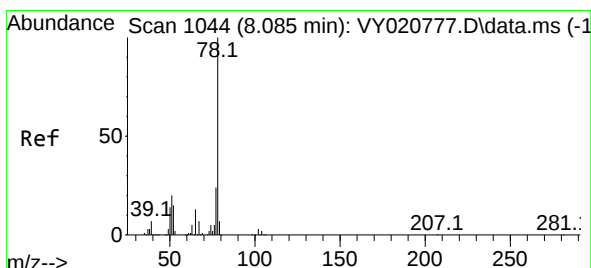
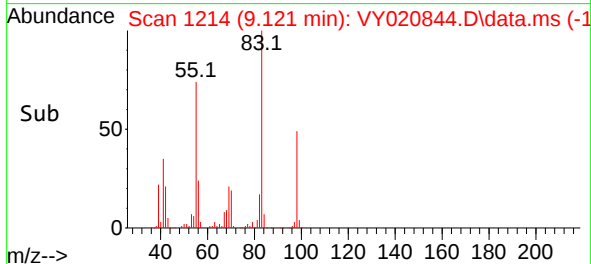
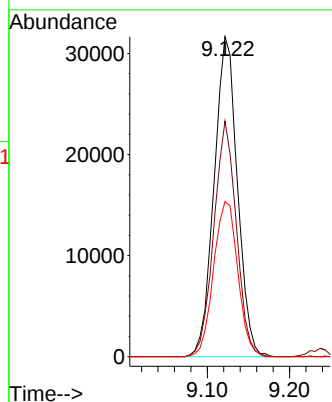
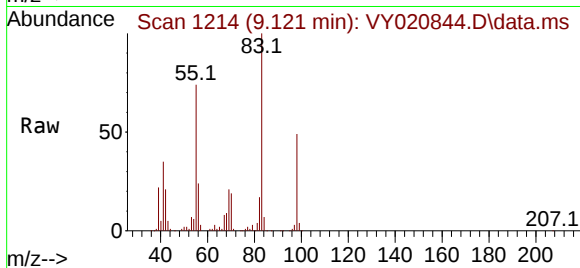
Tgt Ion: 83 Resp: 62336

Ion Ratio Lower Upper

83 100

55 73.6 54.8 82.2

98 48.5 40.0 60.0



#40

Benzene

Concen: 19.249 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY020844.D

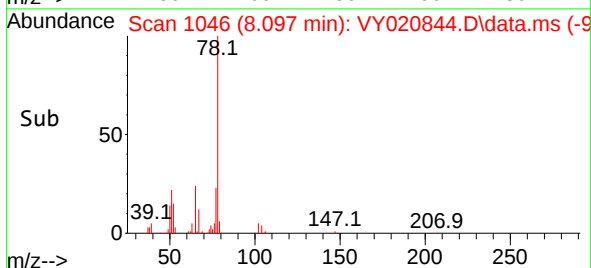
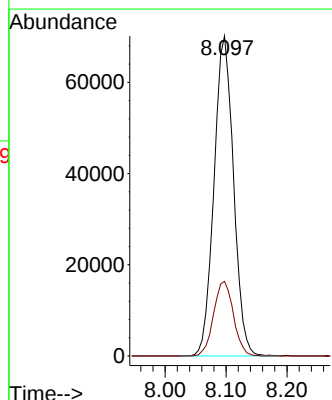
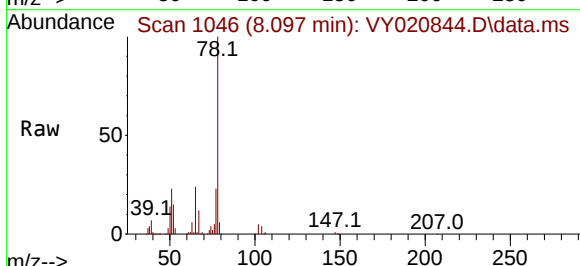
Acq: 17 Jan 2025 10:35

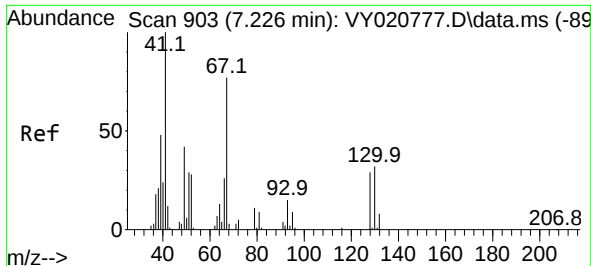
Tgt Ion: 78 Resp: 155940

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.2

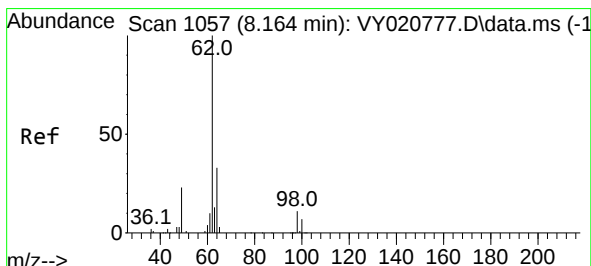
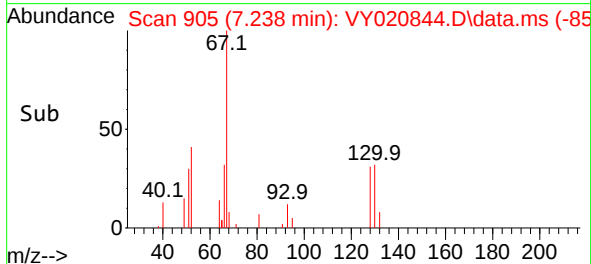
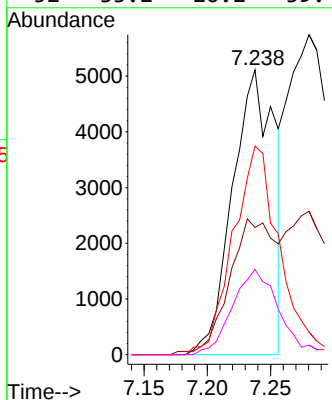
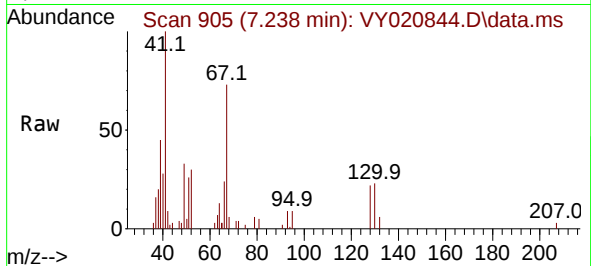




#41
Methacrylonitrile
Concen: 19.624 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

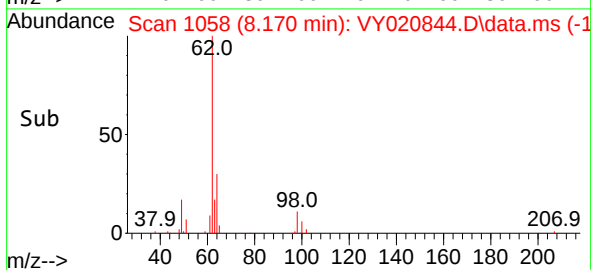
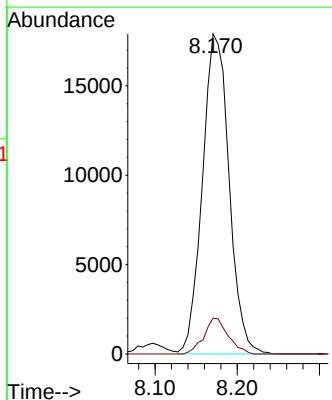
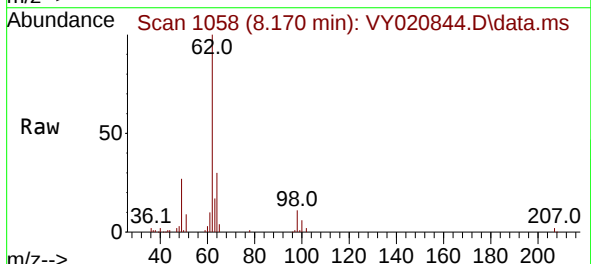
Instrument :
MSVOA_Y
ClientSampleId :

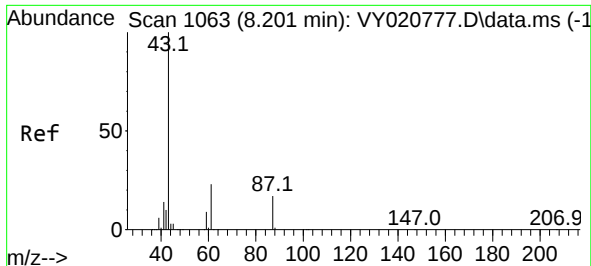
Tgt Ion: 41 Resp: 11805
Ion Ratio Lower Upper
41 100
39 52.1 42.4 63.6
67 80.5 67.8 101.8
52 33.2 26.2 39.4



#42
1,2-Dichloroethane
Concen: 18.222 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 62 Resp: 40313
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6

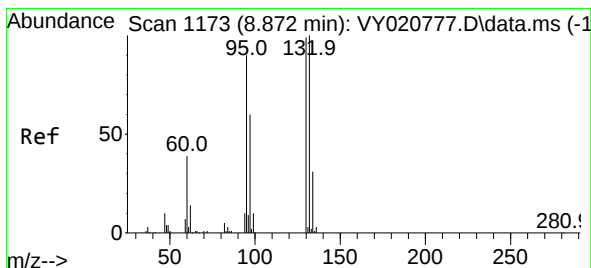
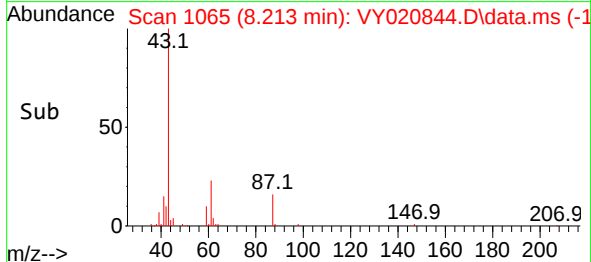
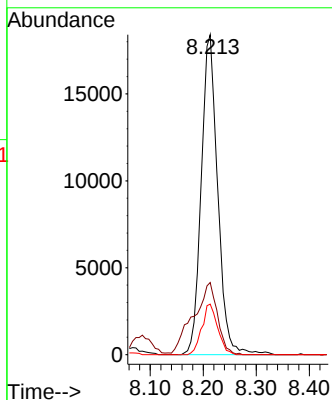
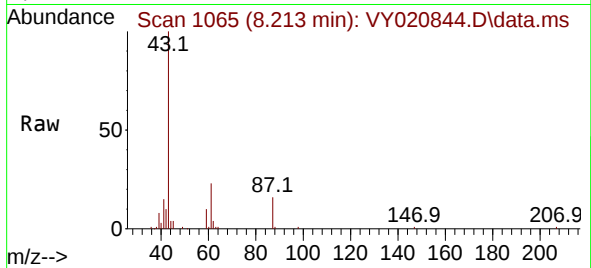




#43
Isopropyl Acetate
Concen: 18.568 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

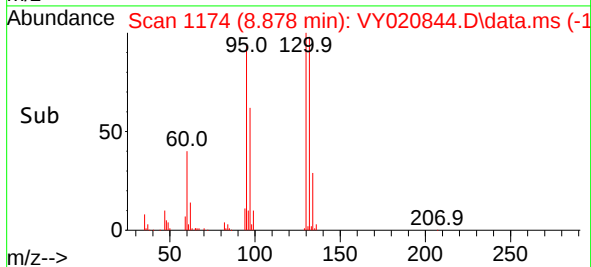
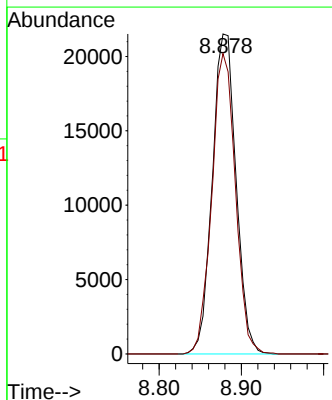
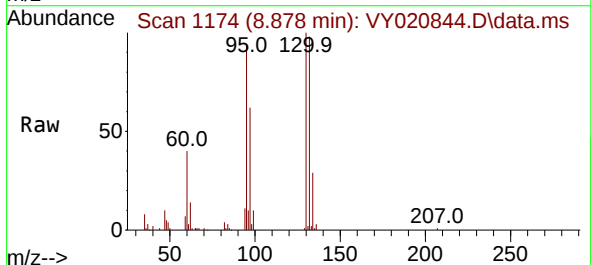
Instrument :
MSVOA_Y
ClientSampleId :

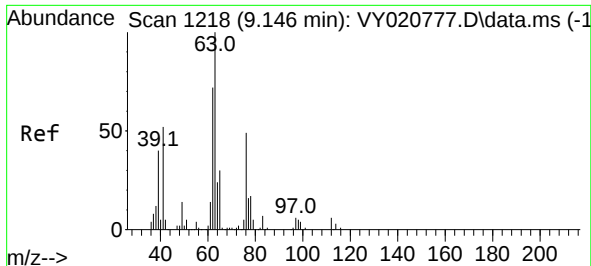
Tgt Ion: 43 Resp: 39670
Ion Ratio Lower Upper
43 100
61 33.1 26.5 39.7
87 15.2 13.4 20.0



#44
Trichloroethene
Concen: 19.164 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 130 Resp: 43278
Ion Ratio Lower Upper
130 100
95 93.9 0.0 181.0





#45

1,2-Dichloropropane

Concen: 20.188 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

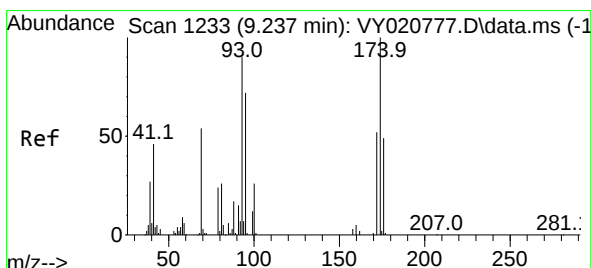
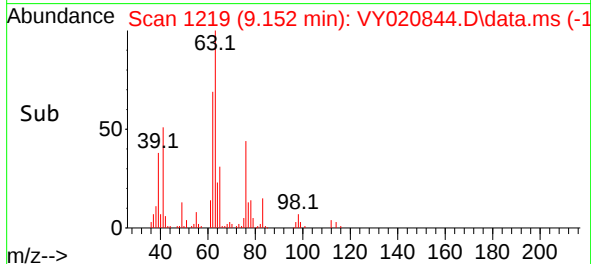
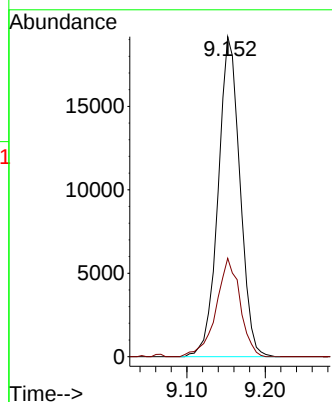
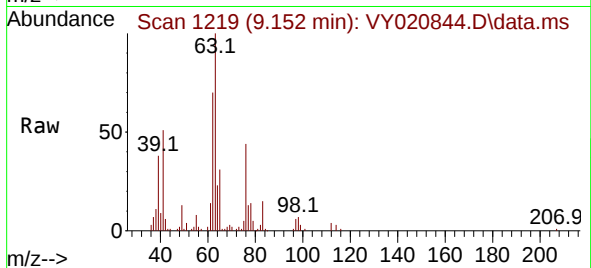
ClientSampleId :

Tgt Ion: 63 Resp: 37076

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.4



#46

Dibromomethane

Concen: 18.613 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

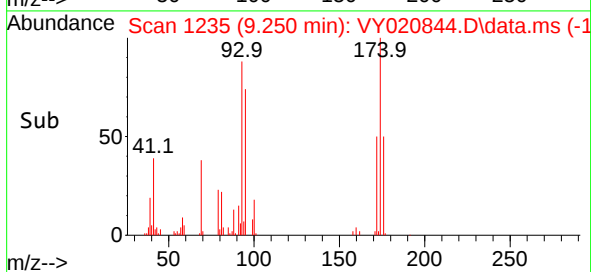
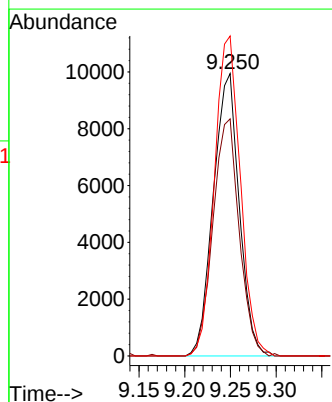
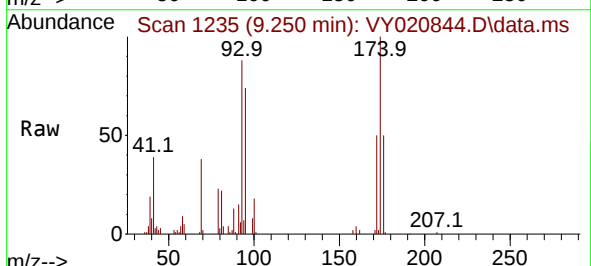
Tgt Ion: 93 Resp: 19629

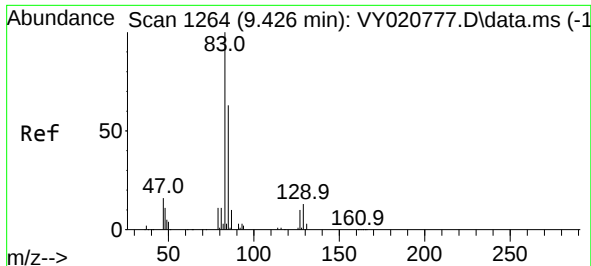
Ion Ratio Lower Upper

93 100

95 84.8 68.2 102.4

174 113.1 89.0 133.6





#47

Bromodichloromethane

Concen: 19.016 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

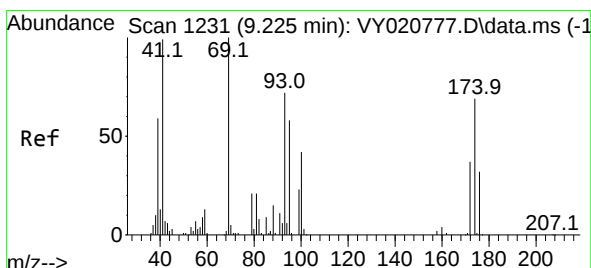
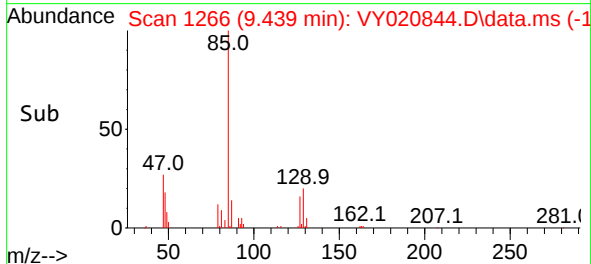
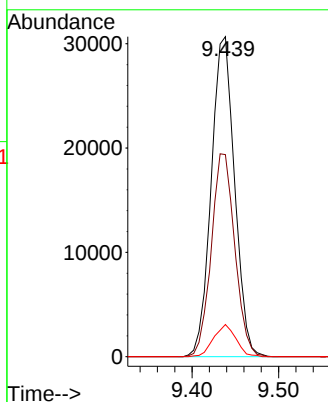
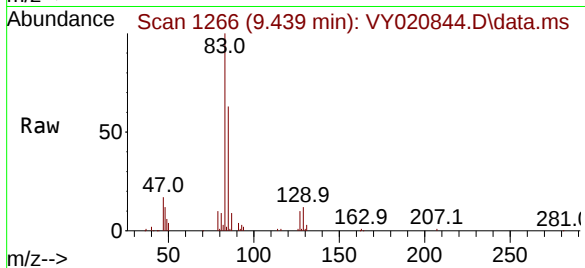
Tgt Ion: 83 Resp: 57436

Ion Ratio Lower Upper

83 100

85 63.2 50.7 76.1

127 10.0 7.9 11.9



#48

Methyl methacrylate

Concen: 18.334 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

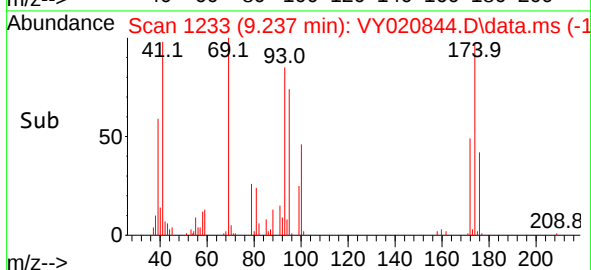
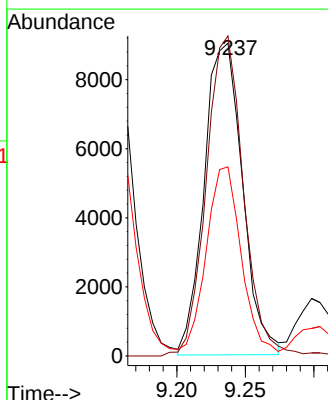
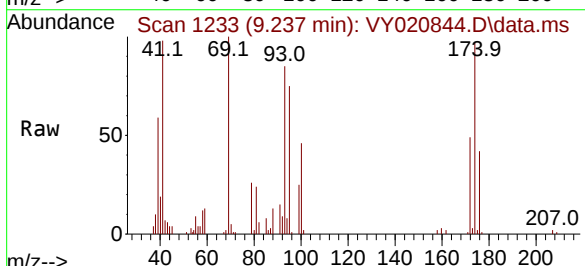
Tgt Ion: 41 Resp: 17561

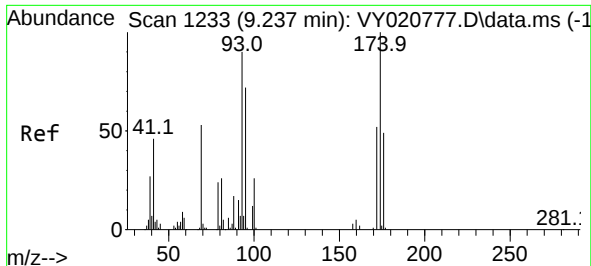
Ion Ratio Lower Upper

41 100

69 100.3 78.9 118.3

39 53.2 44.6 67.0





#49

1,4-Dioxane

Concen: 318.207 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

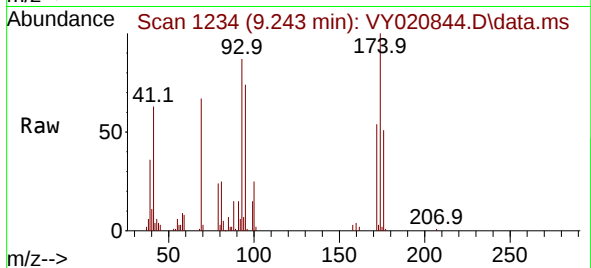
Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :



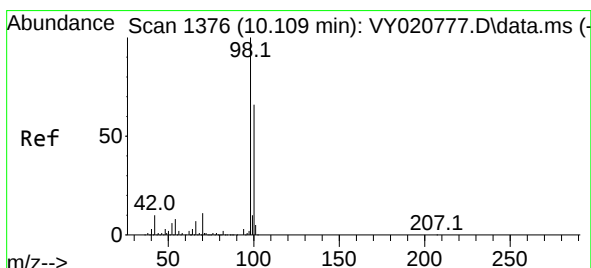
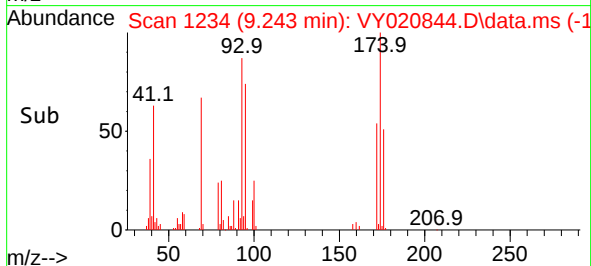
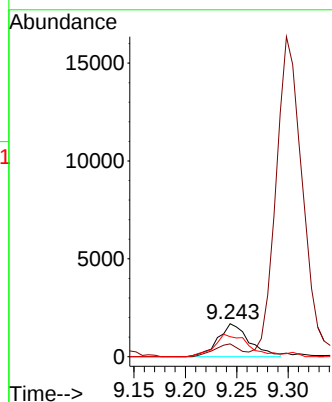
Tgt Ion: 88 Resp: 3563

Ion Ratio Lower Upper

88 100

43 32.9 24.4 36.6

58 74.7 51.0 76.6



#50

Toluene-d8

Concen: 54.315 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY020844.D

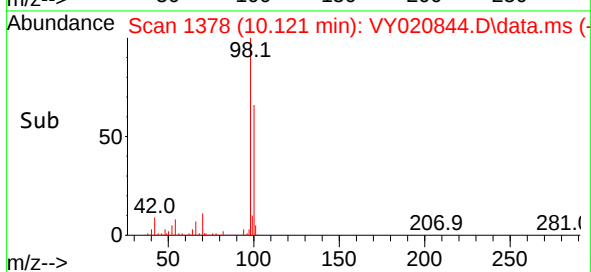
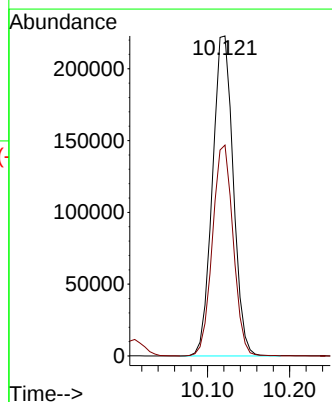
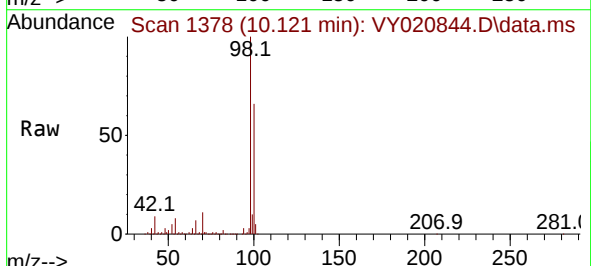
Acq: 17 Jan 2025 10:35

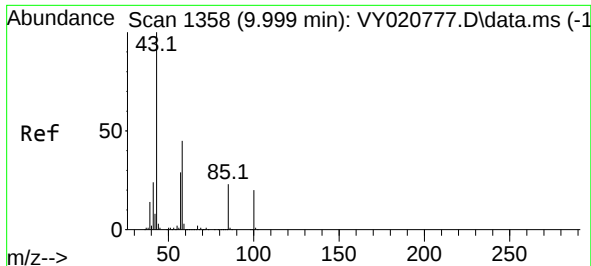
Tgt Ion: 98 Resp: 391830

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 95.936 ug/l

RT: 10.012 min Scan# 1360

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

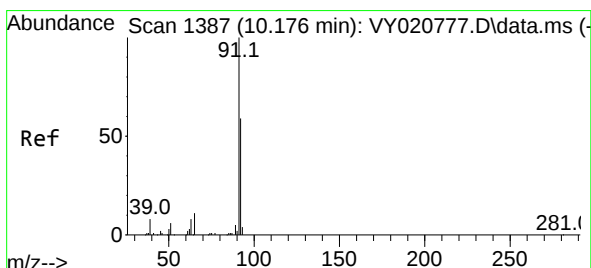
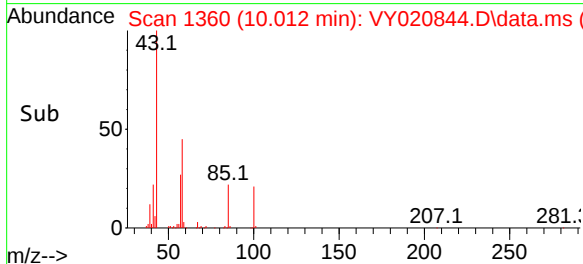
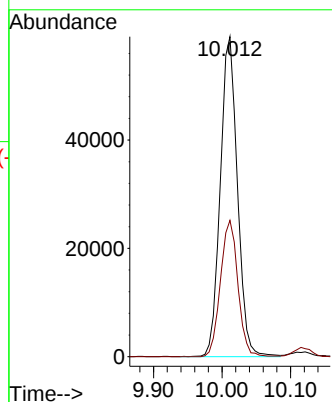
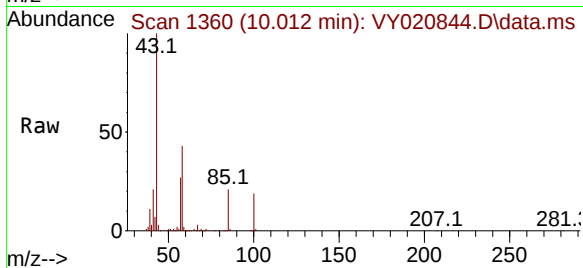
ClientSampleId :

Tgt Ion: 43 Resp: 102398

Ion Ratio Lower Upper

43 100

58 43.3 34.8 52.2



#52

Toluene

Concen: 19.249 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VY020844.D

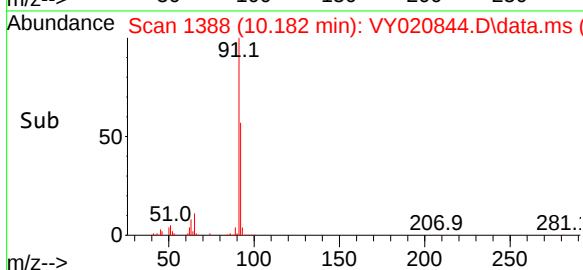
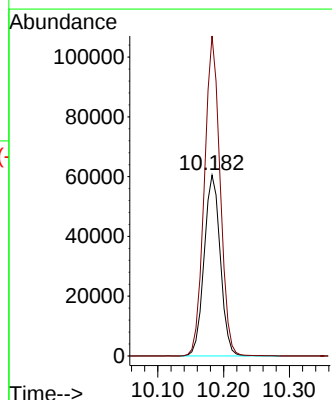
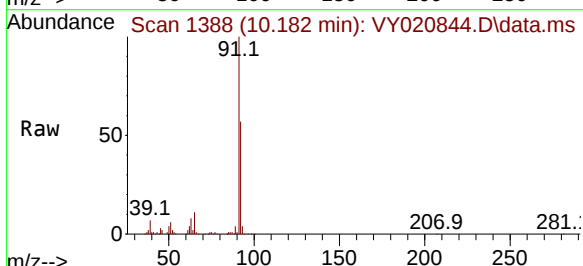
Acq: 17 Jan 2025 10:35

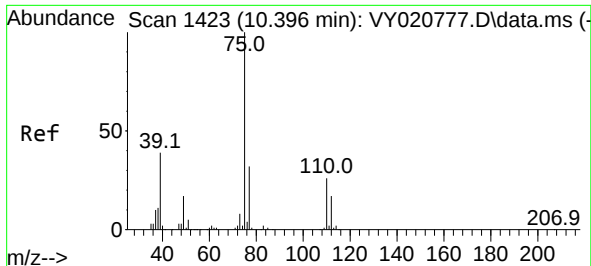
Tgt Ion: 92 Resp: 103261

Ion Ratio Lower Upper

92 100

91 172.8 136.6 204.8

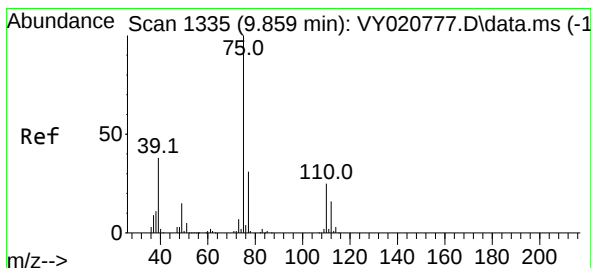
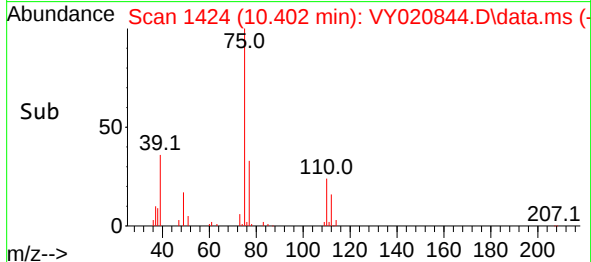
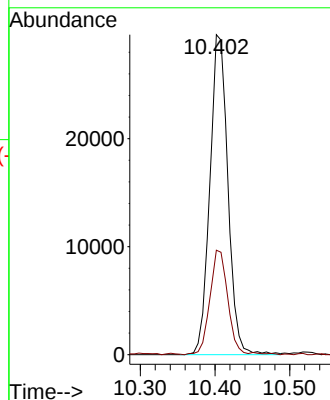
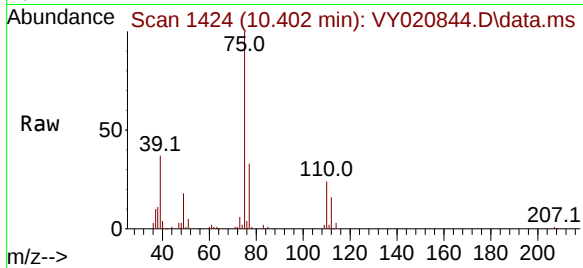




#53
 t-1,3-Dichloropropene
 Concen: 18.544 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

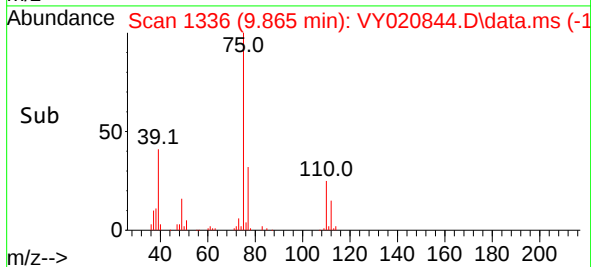
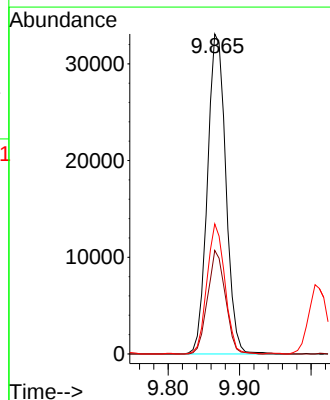
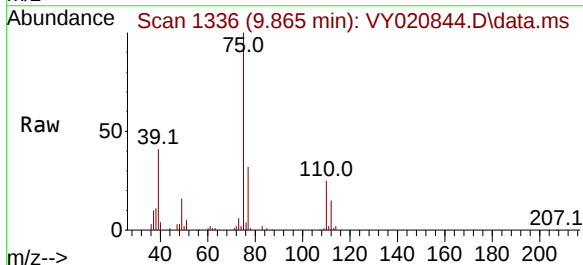
Instrument :
 MSVOA_Y
 ClientSampleId :

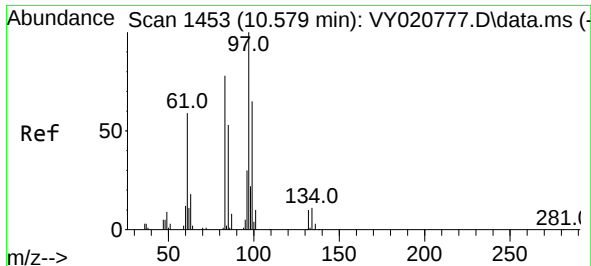
Tgt Ion: 75 Resp: 49815
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.963 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

Tgt Ion: 75 Resp: 59160
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7
 39 40.6 30.7 46.1

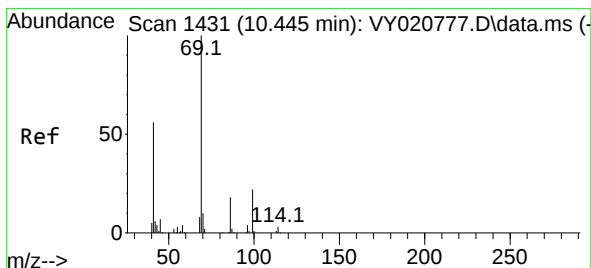
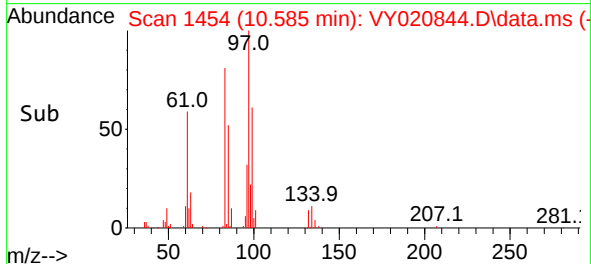
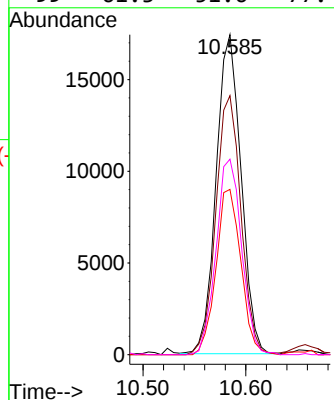
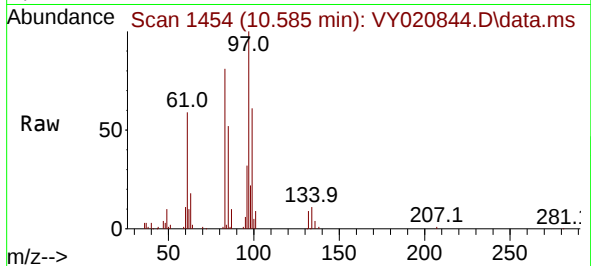




#55
1,1,2-Trichloroethane
Concen: 19.466 ug/l
RT: 10.585 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

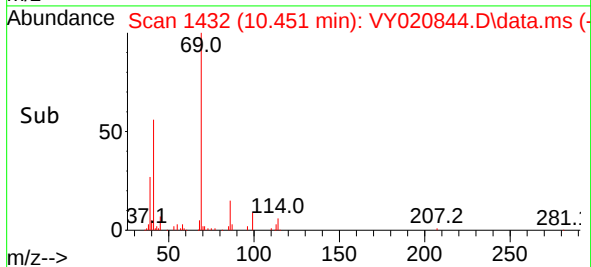
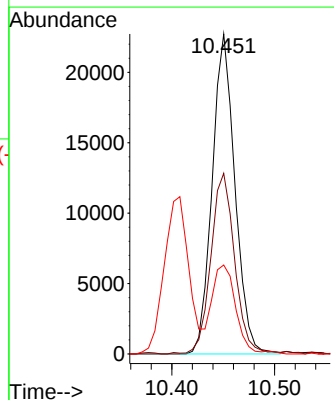
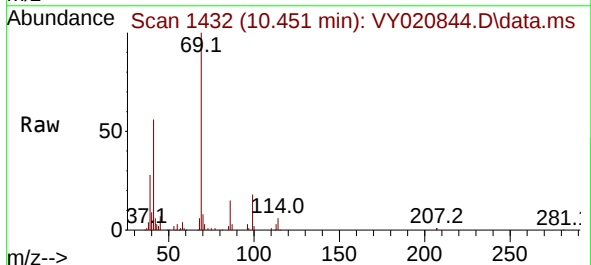
Instrument :
MSVOA_Y
ClientSampleId :

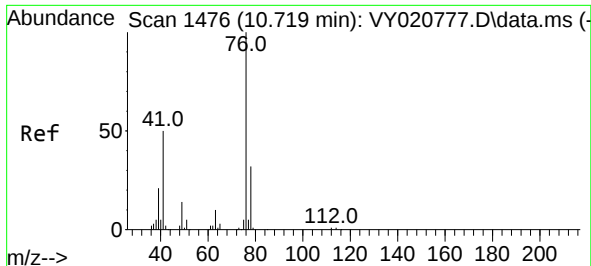
Tgt Ion: 97	Resp: 29329
Ion Ratio	Lower Upper
97 100	
83 81.2	62.8 94.2
85 51.8	42.4 63.6
99 61.3	51.6 77.4



#56
Ethyl methacrylate
Concen: 18.342 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 69	Resp: 34901
Ion Ratio	Lower Upper
69 100	
41 59.5	46.6 69.8
39 30.4	25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.587 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

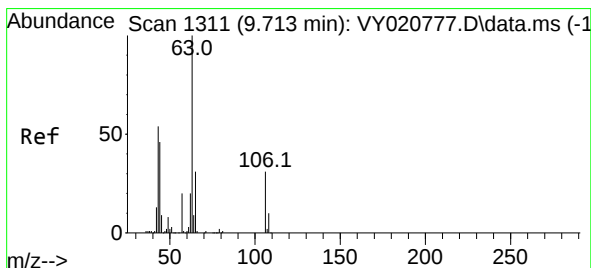
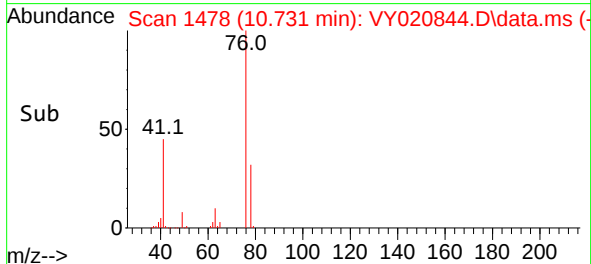
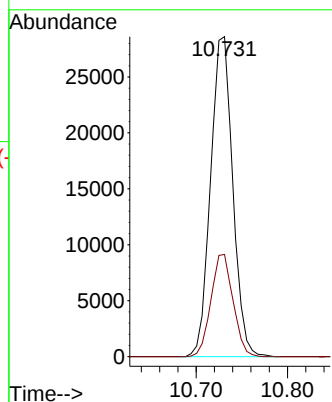
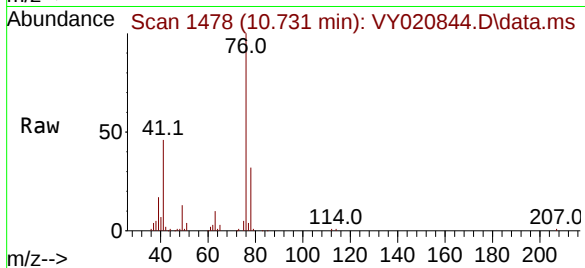
ClientSampleId :

Tgt Ion: 76 Resp: 48103

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 85.663 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY020844.D

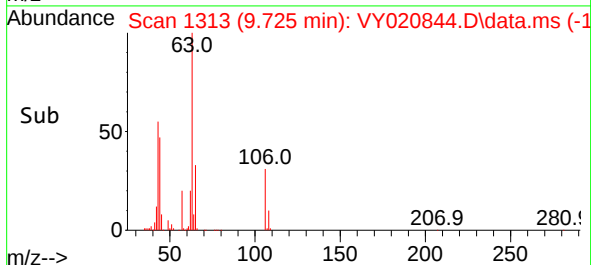
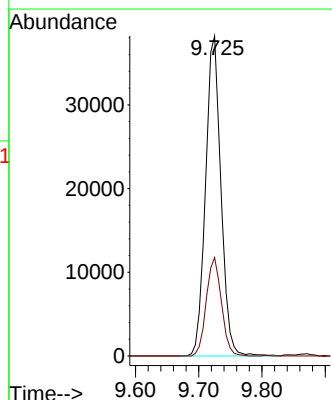
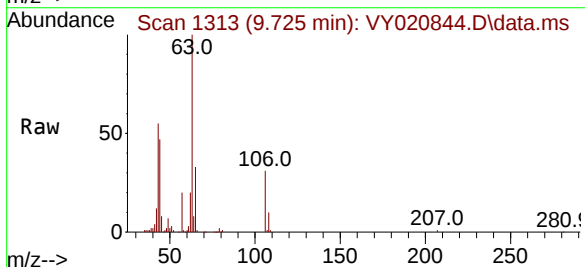
Acq: 17 Jan 2025 10:35

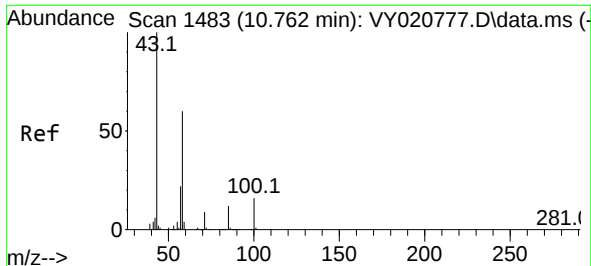
Tgt Ion: 63 Resp: 64662

Ion Ratio Lower Upper

63 100

106 30.2 25.9 38.9

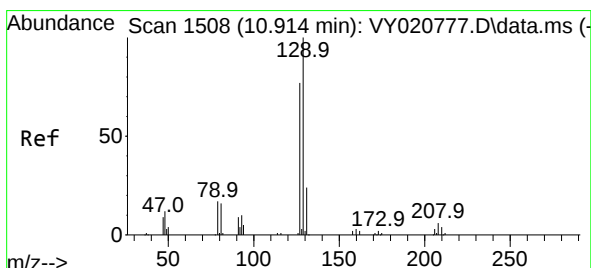
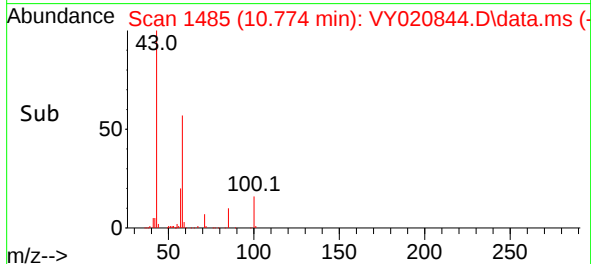
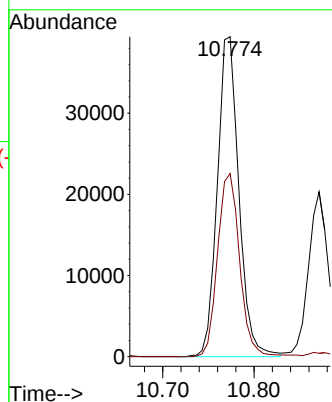
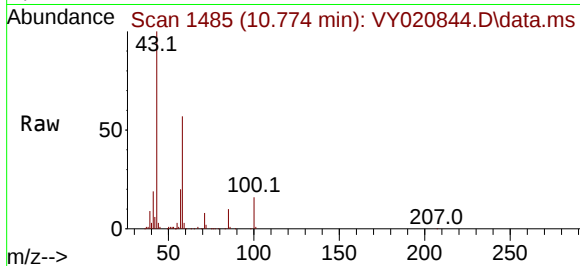




#59
2-Hexanone
Concen: 94.413 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

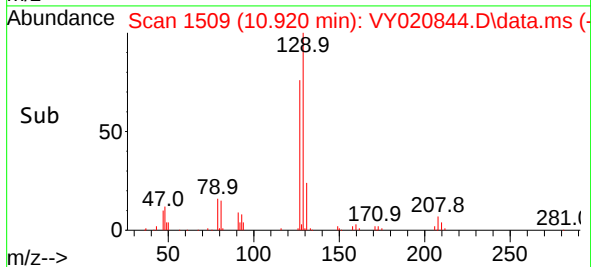
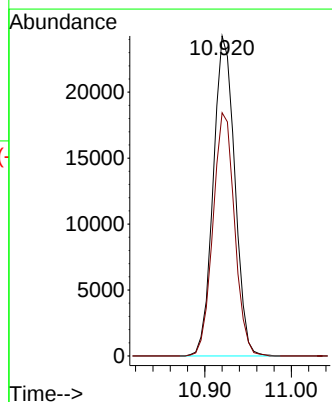
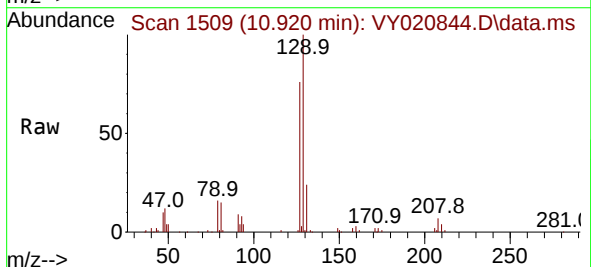
Instrument :
MSVOA_Y
ClientSampleId :

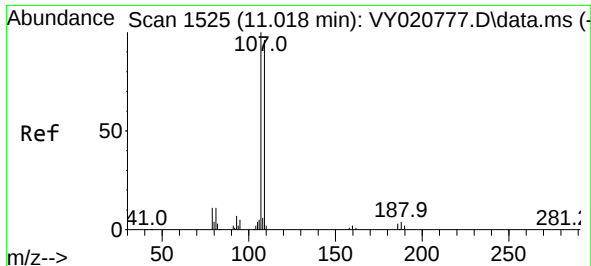
Tgt Ion: 43 Resp: 64650
Ion Ratio Lower Upper
43 100
58 58.6 30.6 92.0



#60
Dibromochloromethane
Concen: 19.151 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 129 Resp: 41847
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9

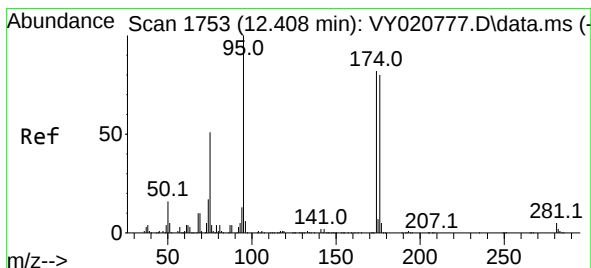
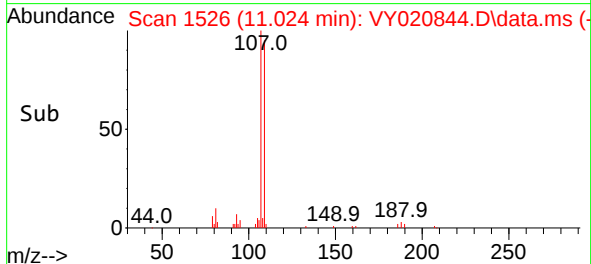
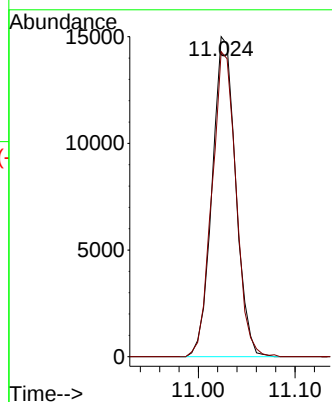
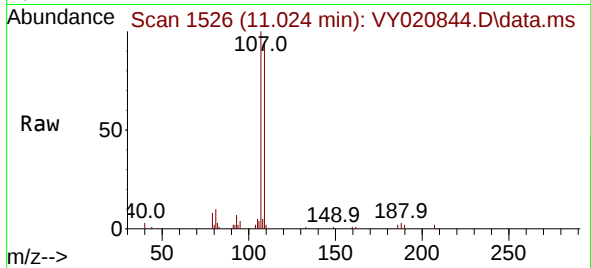




#61
1,2-Dibromoethane
Concen: 18.754 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

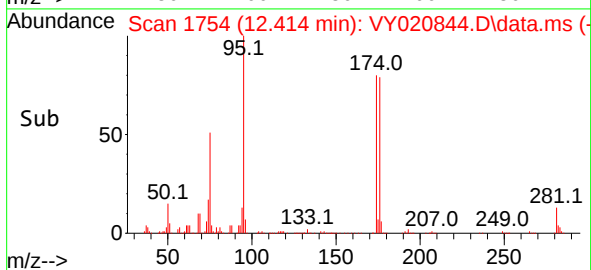
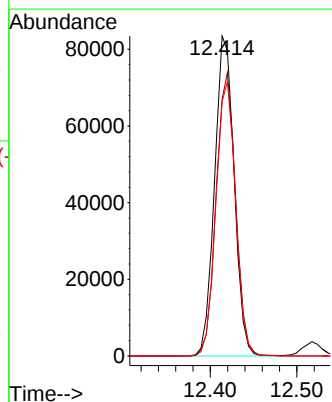
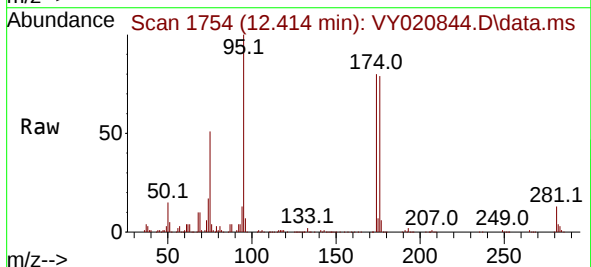
Instrument :
MSVOA_Y
ClientSampleId :

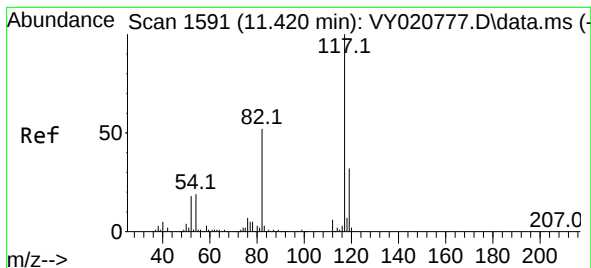
Tgt Ion:107 Resp: 25367
Ion Ratio Lower Upper
107 100
109 97.3 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 95 Resp: 130972
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.0
176 86.4 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

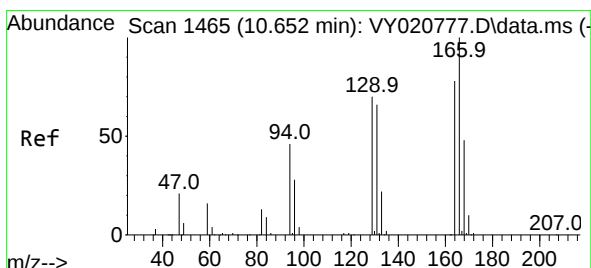
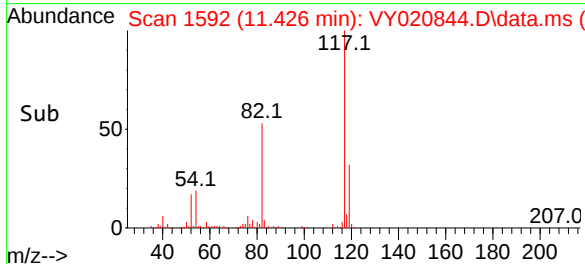
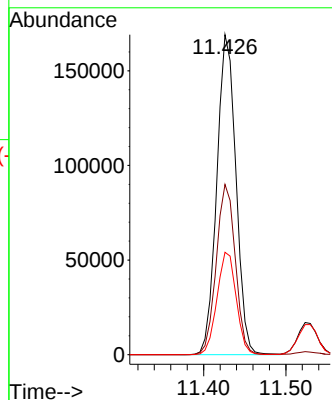
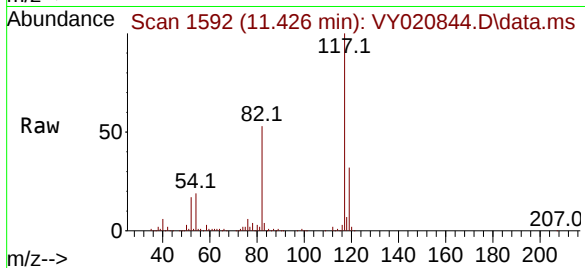
Tgt Ion:117 Resp: 273627

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.6

119 32.0 25.8 38.8



#64

Tetrachloroethene

Concen: 18.927 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:164 Resp: 38077

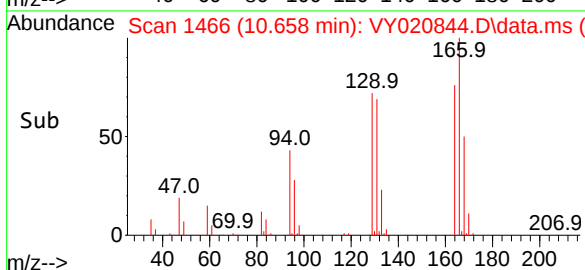
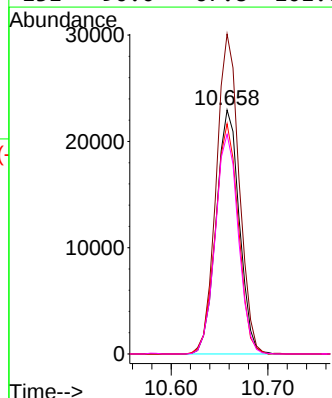
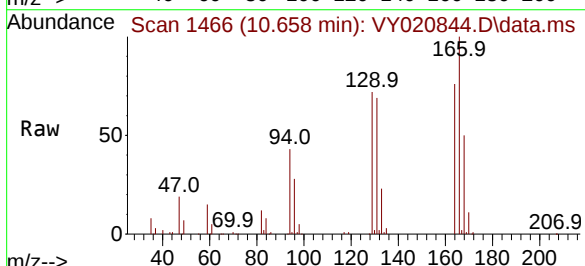
Ion Ratio Lower Upper

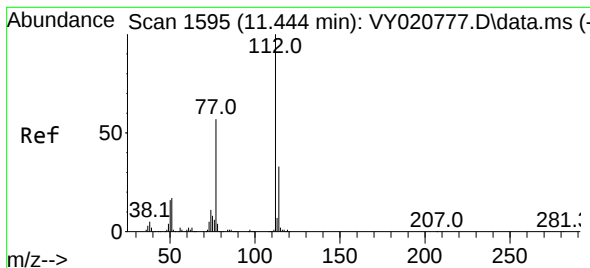
164 100

166 131.1 102.0 153.0

129 94.4 71.4 107.2

131 90.0 67.8 101.6





#65

Chlorobenzene

Concen: 19.309 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

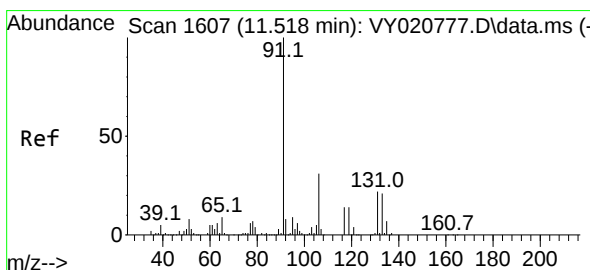
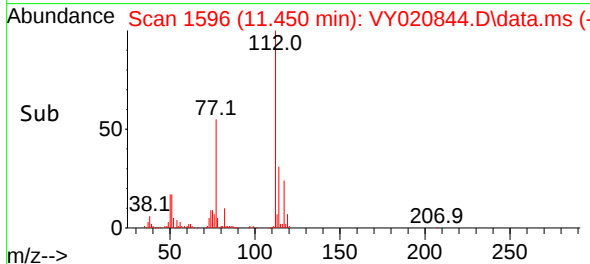
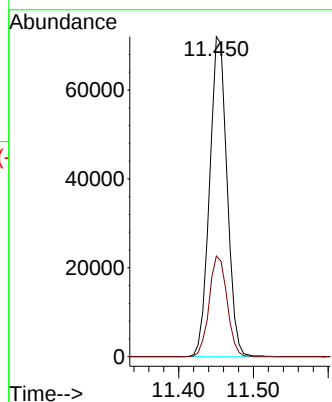
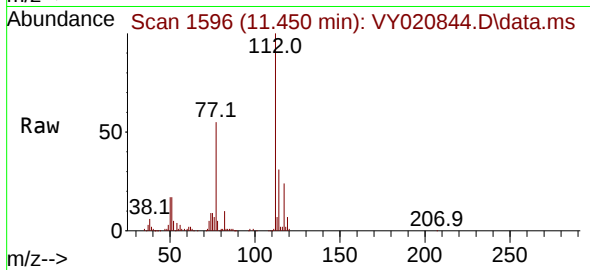
ClientSampleId :

Tgt Ion:112 Resp: 116816

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.217 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

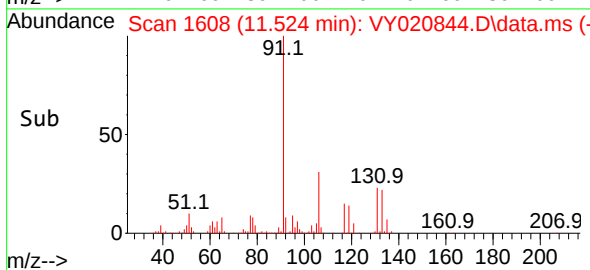
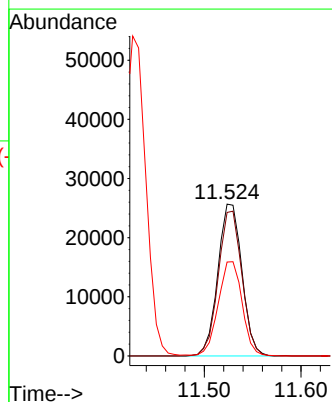
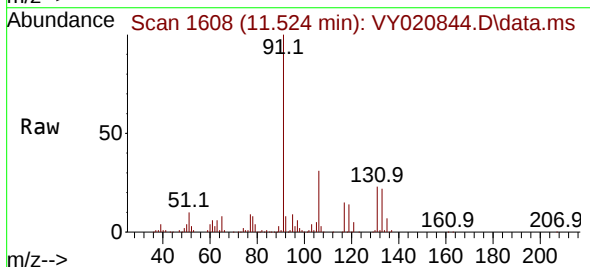
Tgt Ion:131 Resp: 44260

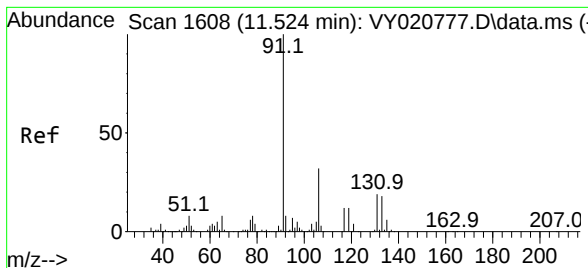
Ion Ratio Lower Upper

131 100

133 94.1 46.9 140.8

119 61.8 30.2 90.6





#67

Ethyl Benzene

Concen: 19.251 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

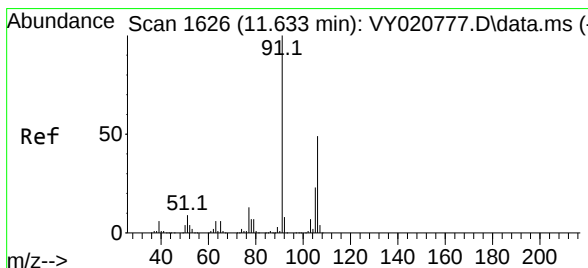
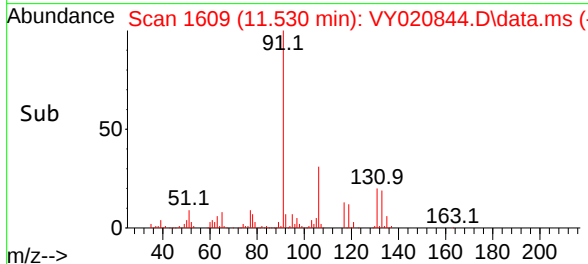
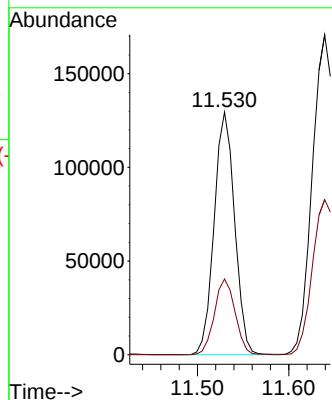
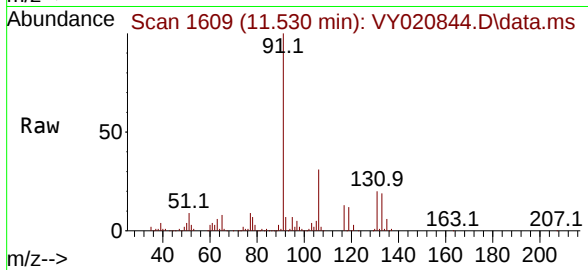
ClientSampleId :

Tgt Ion: 91 Resp: 201638

Ion Ratio Lower Upper

91 100

106 31.2 25.5 38.3



#68

m/p-Xylenes

Concen: 38.125 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020844.D

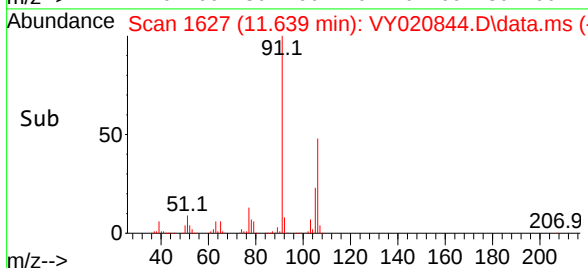
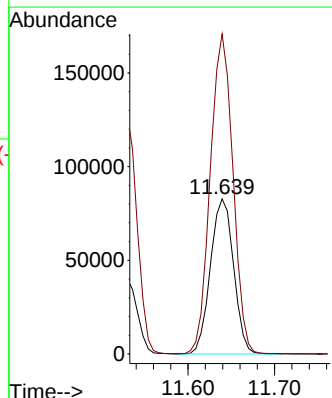
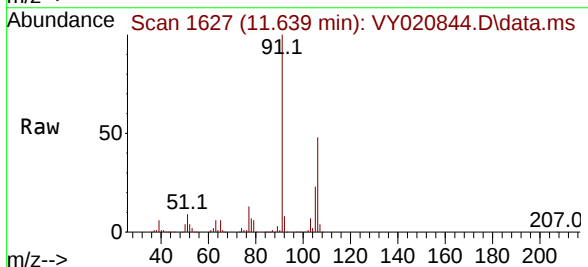
Acq: 17 Jan 2025 10:35

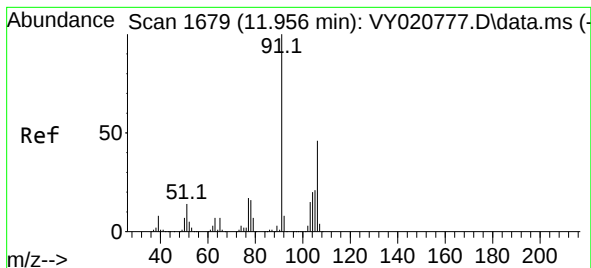
Tgt Ion:106 Resp: 153750

Ion Ratio Lower Upper

106 100

91 201.8 162.6 243.8





#69

o-Xylene

Concen: 19.159 ug/l

RT: 11.962 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

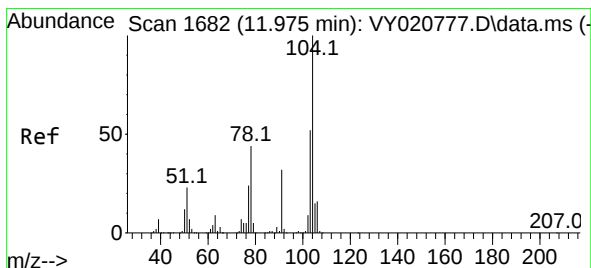
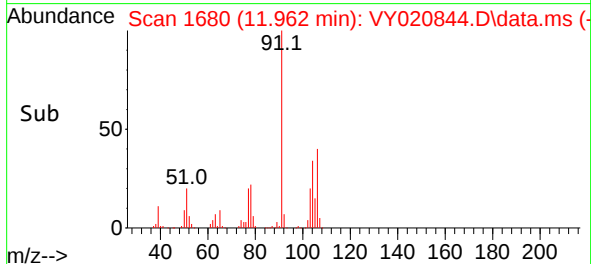
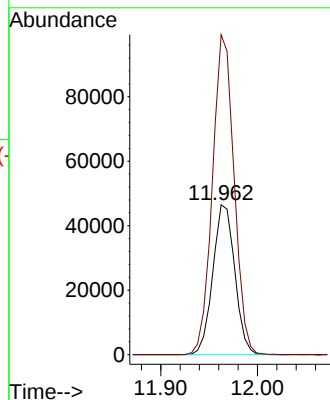
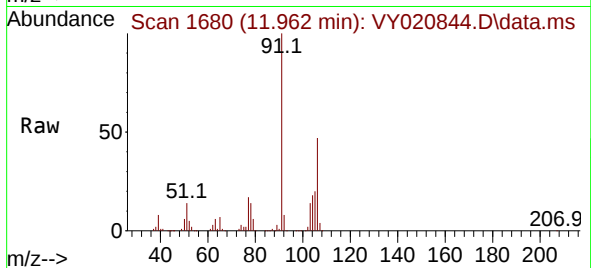
ClientSampleId :

Tgt Ion:106 Resp: 73259

Ion Ratio Lower Upper

106 100

91 210.8 108.2 324.6



#70

Styrene

Concen: 19.092 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

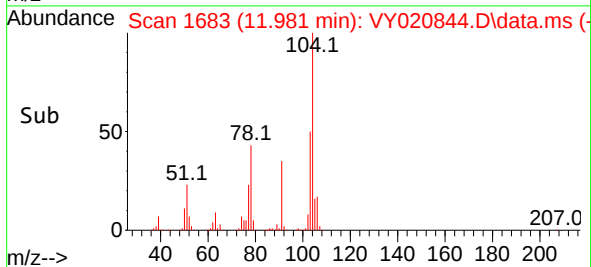
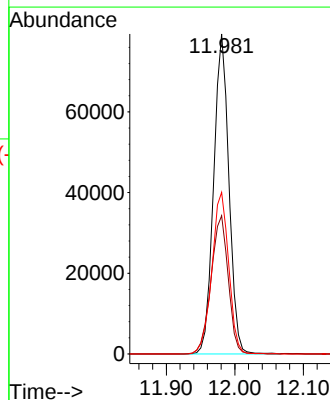
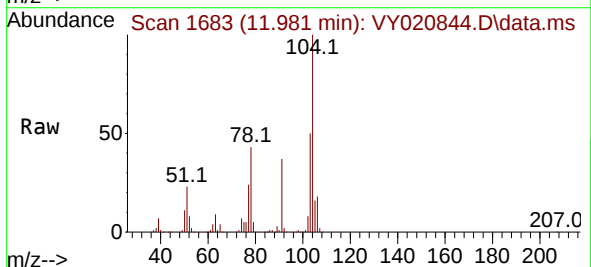
Tgt Ion:104 Resp: 122887

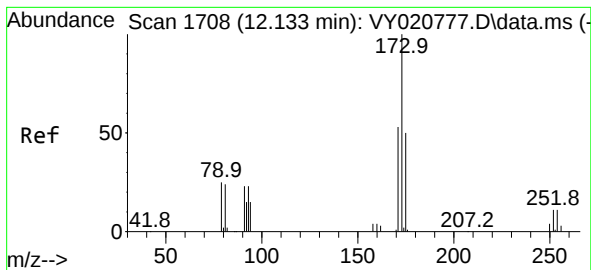
Ion Ratio Lower Upper

104 100

78 48.6 39.4 59.2

103 55.5 44.0 66.0





#71

Bromoform

Concen: 18.842 ug/l

RT: 12.145 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

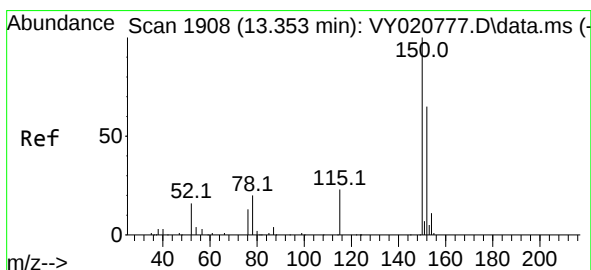
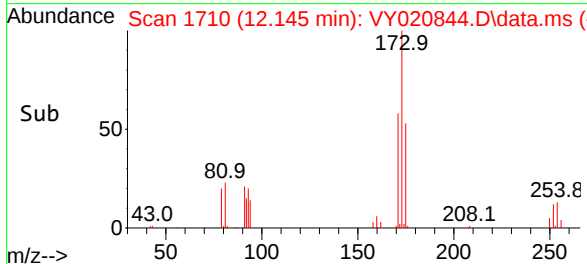
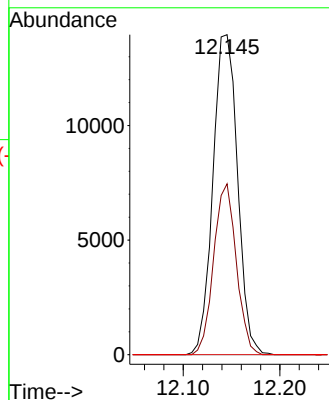
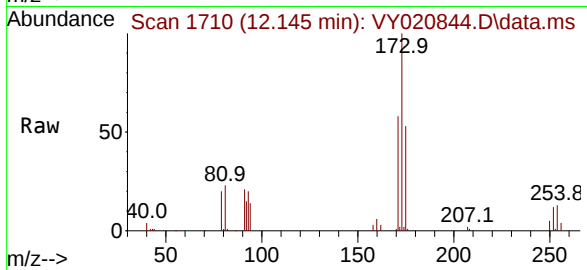
Tgt Ion:173 Resp: 24669

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

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: VY020844.D

Acq: 17 Jan 2025 10:35

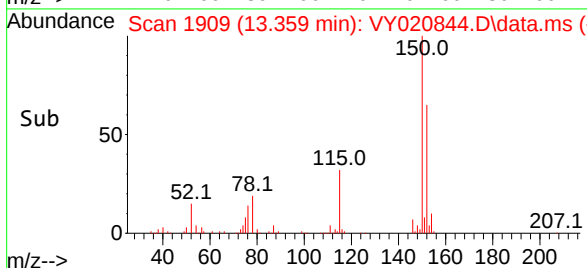
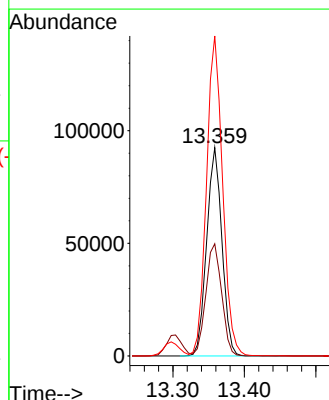
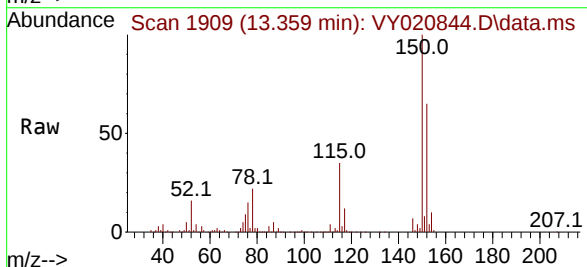
Tgt Ion:152 Resp: 137408

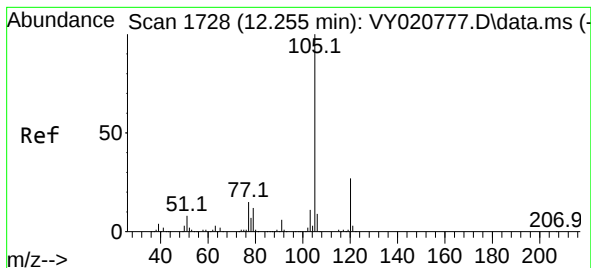
Ion Ratio Lower Upper

152 100

115 55.6 29.0 87.0

150 162.0 0.0 347.4





#73

Isopropylbenzene

Concen: 18.805 ug/l

RT: 12.267 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

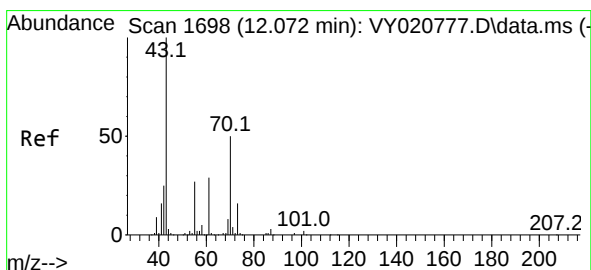
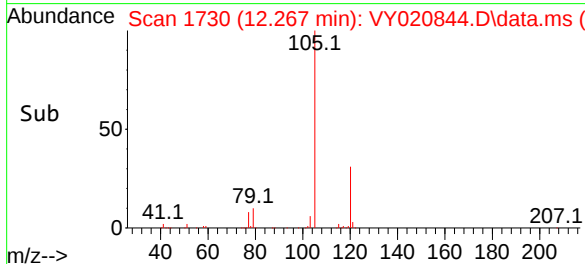
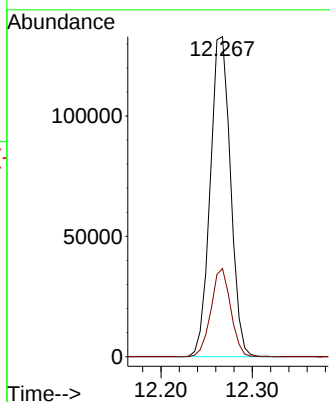
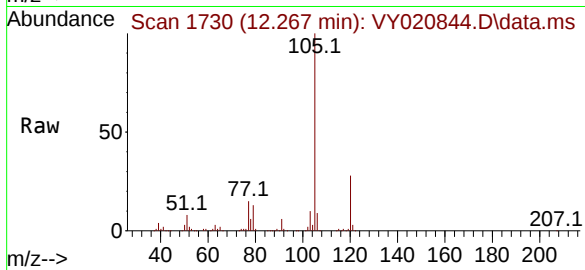
ClientSampleId :

Tgt Ion:105 Resp: 204987

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 18.789 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion: 43 Resp: 33502

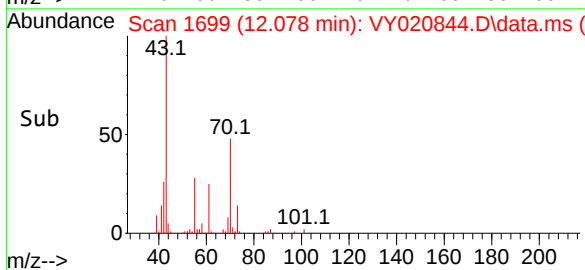
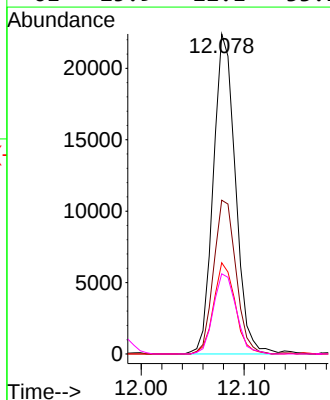
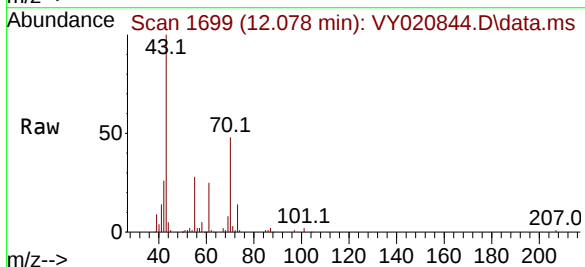
Ion Ratio Lower Upper

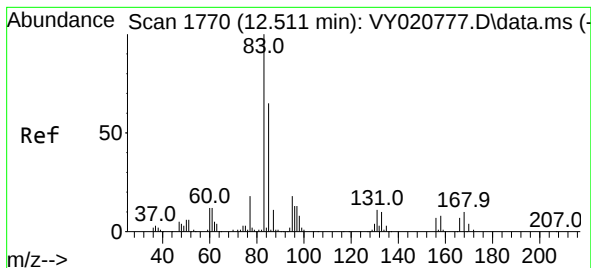
43 100

70 48.6 40.2 60.4

55 27.7 21.2 31.8

61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.858 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY020844.D

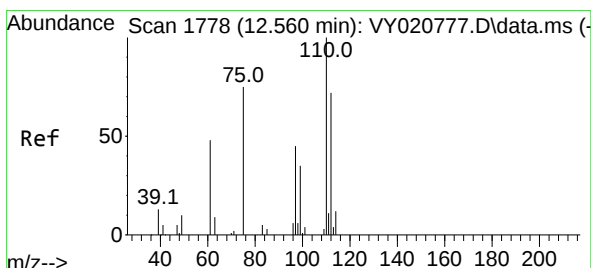
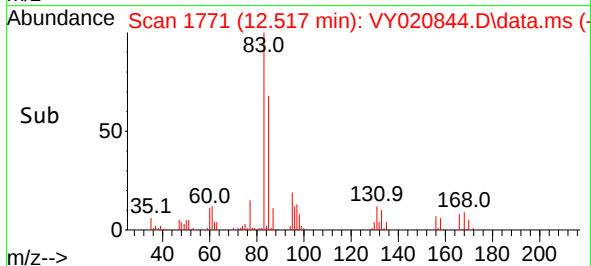
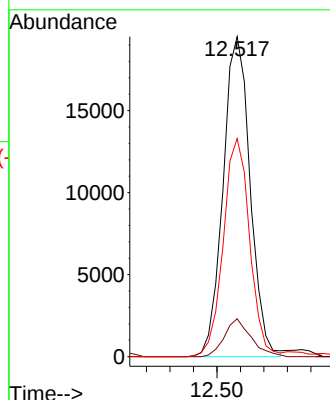
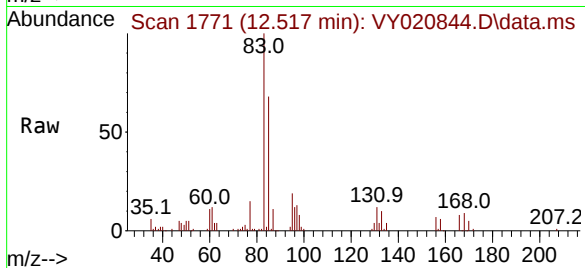
Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	31157
Ion	Ratio	Lower	Upper
83	100		
131	11.7	6.0	18.0
85	66.3	32.0	96.2



#76

1,2,3-Trichloropropane

Concen: 33.461 ug/l

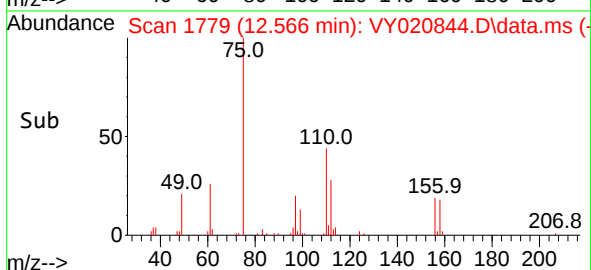
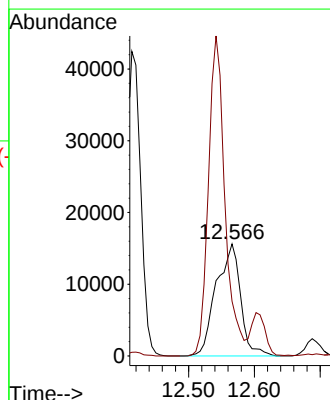
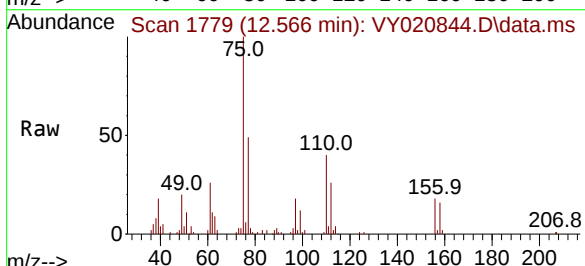
RT: 12.566 min Scan# 1779

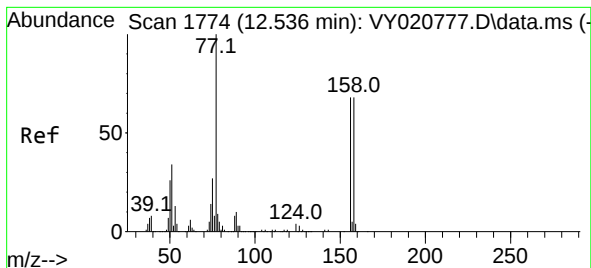
Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Tgt Ion:	75	Resp:	40230
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.505 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

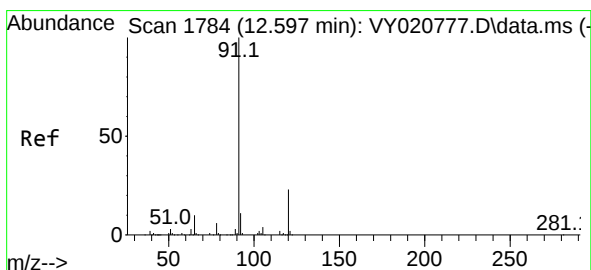
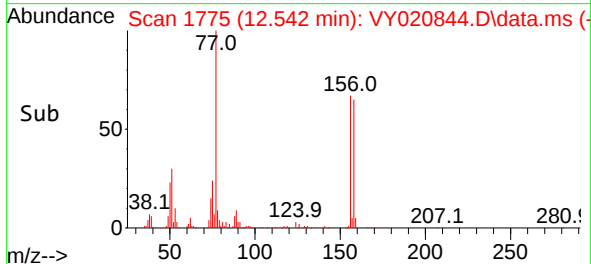
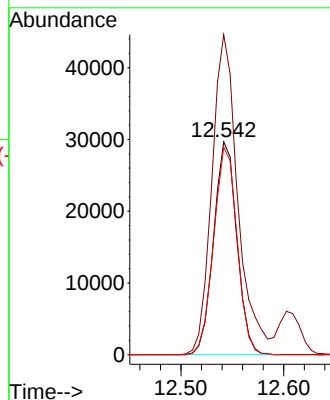
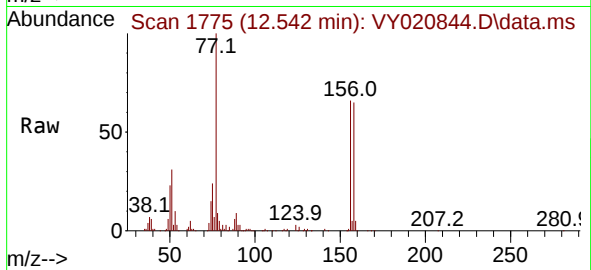
Tgt Ion:156 Resp: 46507

Ion Ratio Lower Upper

156 100

77 167.8 82.3 247.0

158 98.3 48.0 144.0



#78

n-propylbenzene

Concen: 19.316 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020844.D

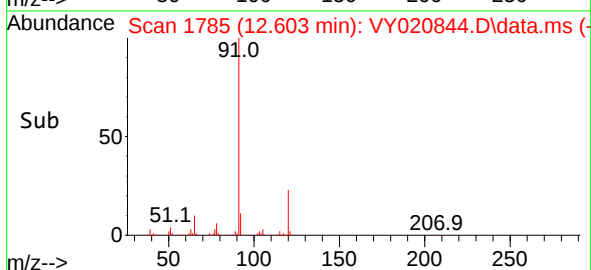
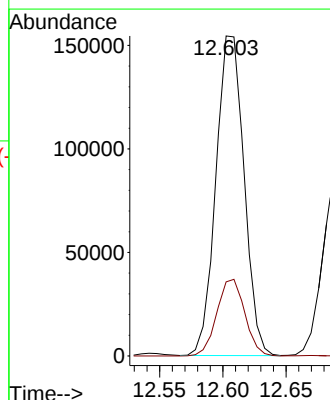
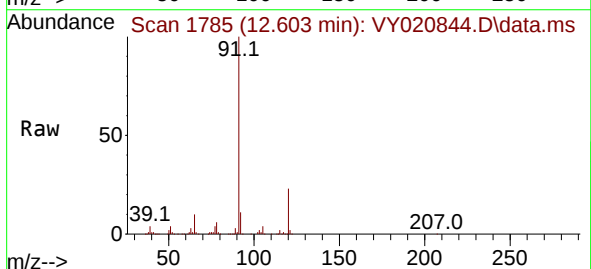
Acq: 17 Jan 2025 10:35

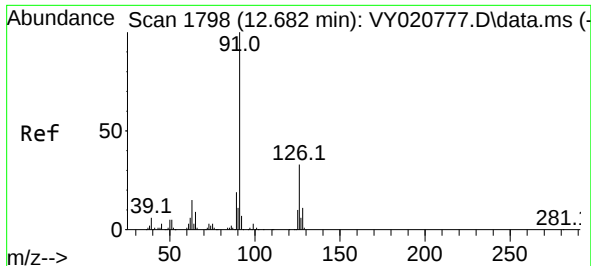
Tgt Ion: 91 Resp: 239000

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.1

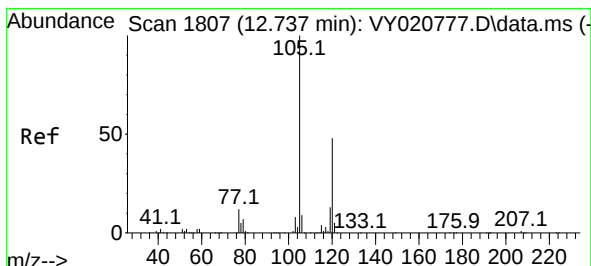
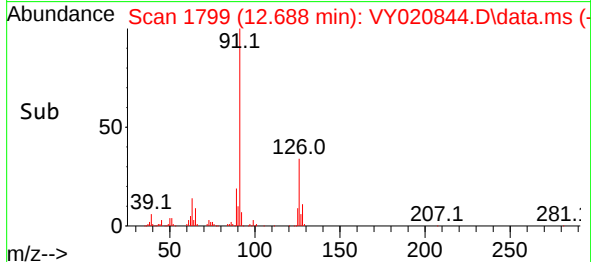
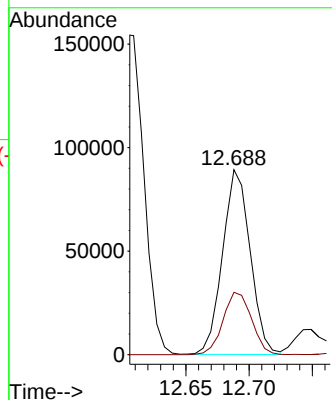
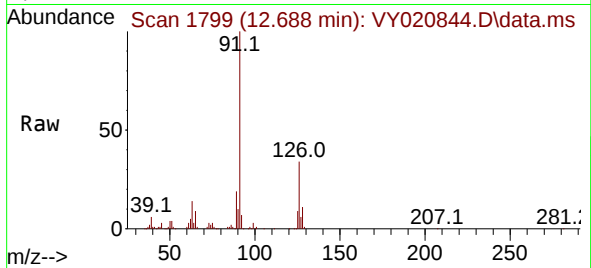




#79
2-Chlorotoluene
Concen: 19.042 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

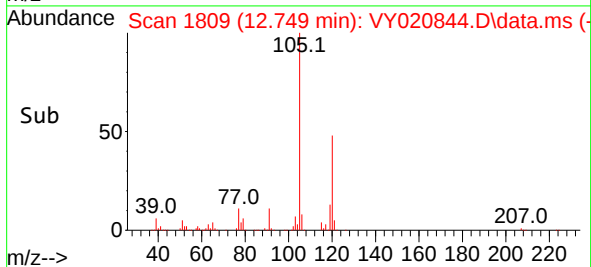
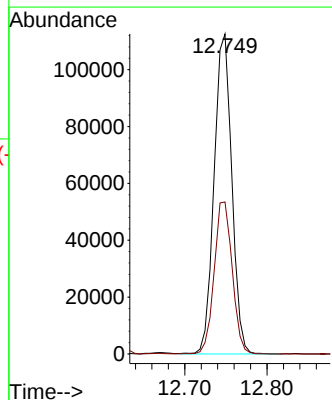
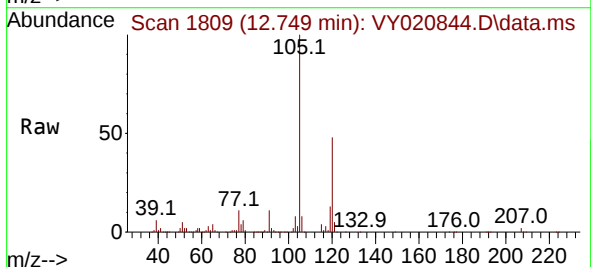
Instrument :
MSVOA_Y
ClientSampleId :

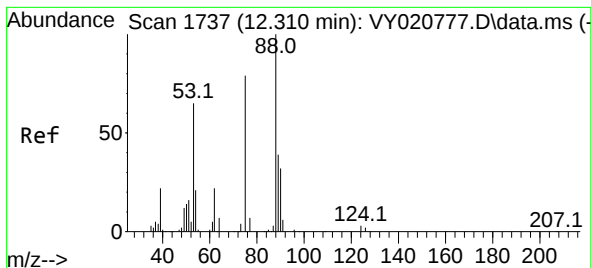
Tgt Ion: 91 Resp: 135678
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 19.018 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion:105 Resp: 168012
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5

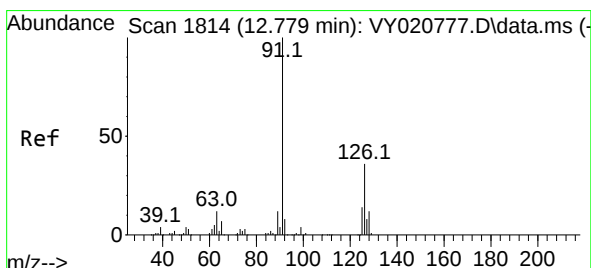
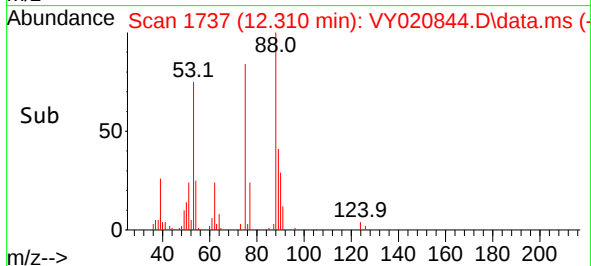
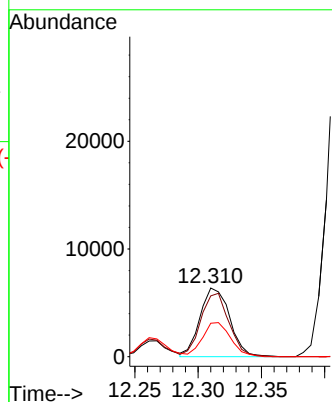
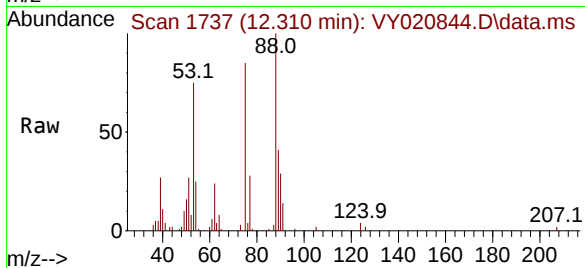




#81
trans-1,4-Dichloro-2-butene
Concen: 18.316 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

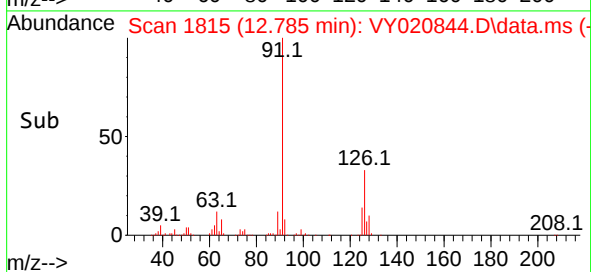
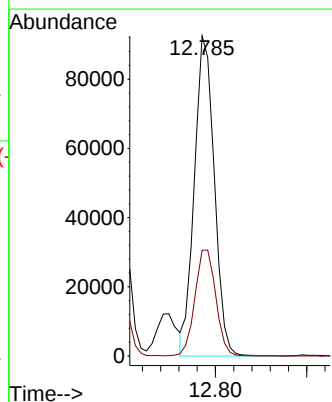
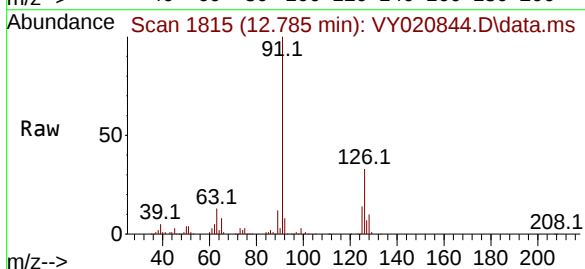
Instrument :
MSVOA_Y
ClientSampleId :

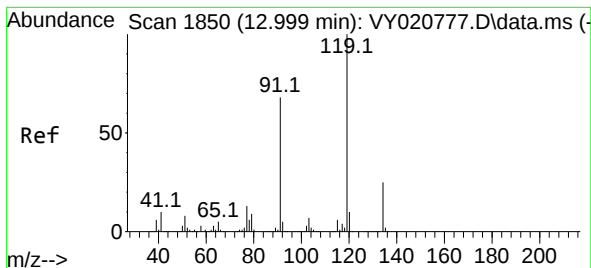
Tgt Ion: 75 Resp: 10444
Ion Ratio Lower Upper
75 100
53 87.8 69.4 104.0
89 46.6 39.6 59.4



#82
4-Chlorotoluene
Concen: 19.046 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 91 Resp: 140049
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7





#83

tert-Butylbenzene

Concen: 19.450 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

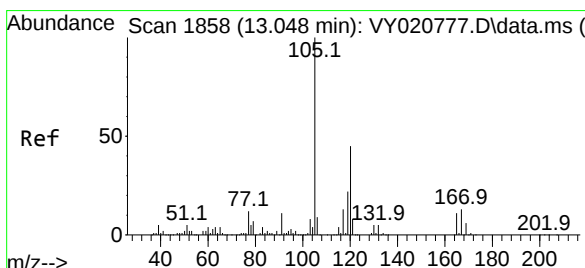
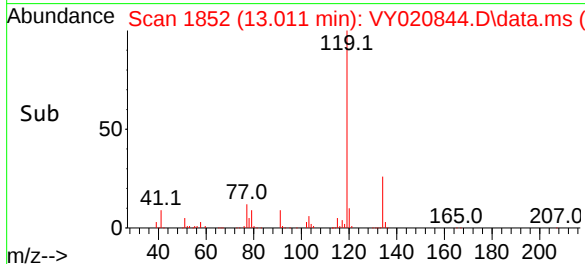
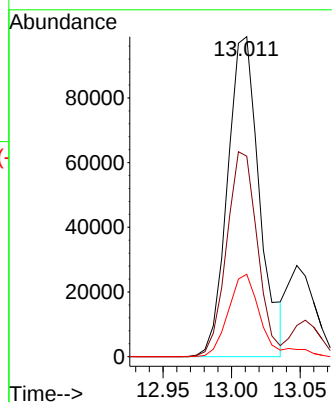
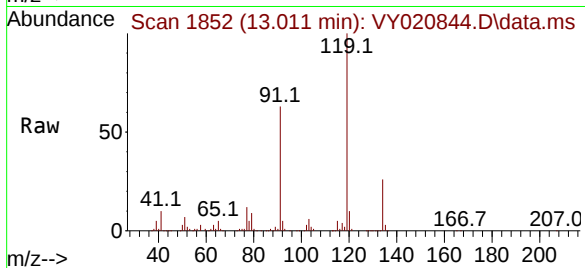
Tgt Ion:119 Resp: 160711

Ion Ratio Lower Upper

119 100

91 61.7 33.0 98.9

134 26.6 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 18.837 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020844.D

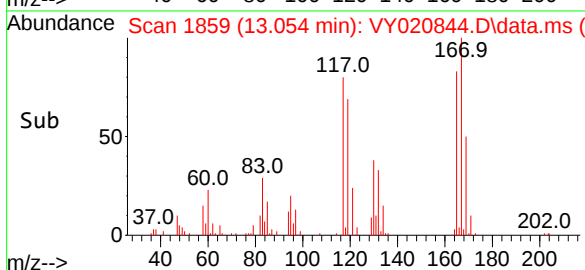
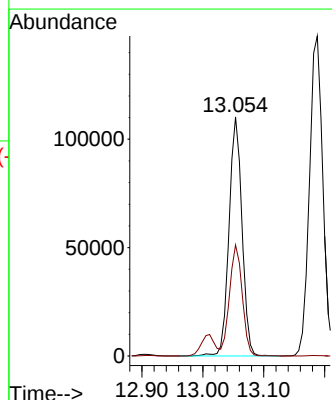
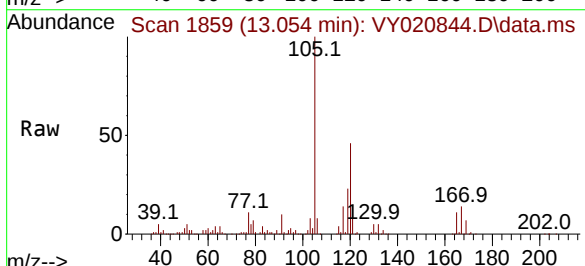
Acq: 17 Jan 2025 10:35

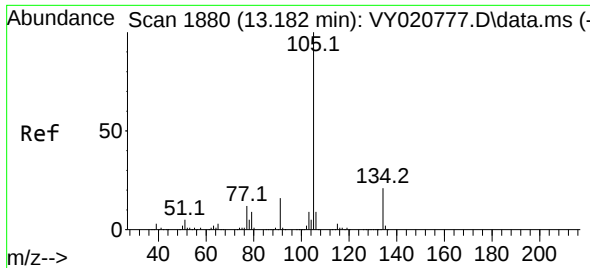
Tgt Ion:105 Resp: 162502

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.2

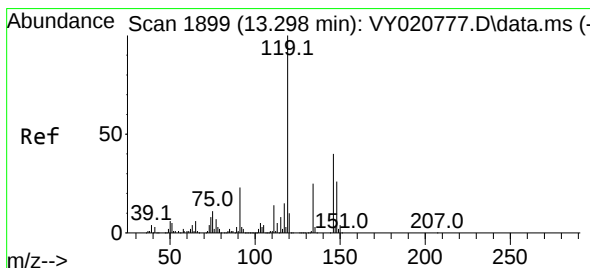
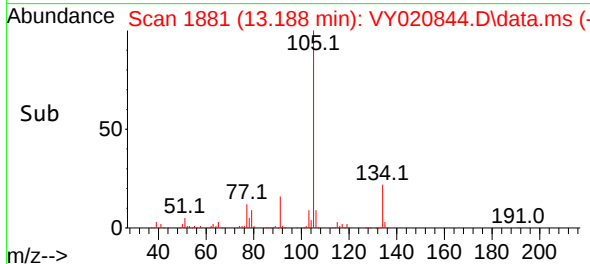
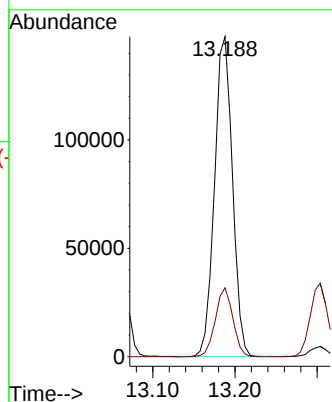
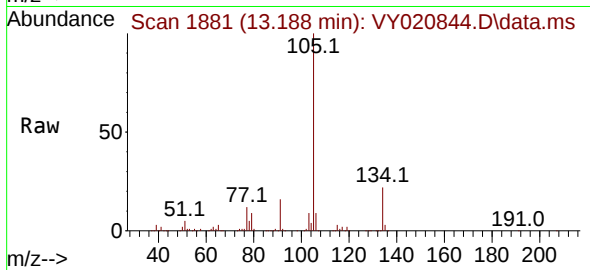




#85
 sec-Butylbenzene
 Concen: 19.411 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

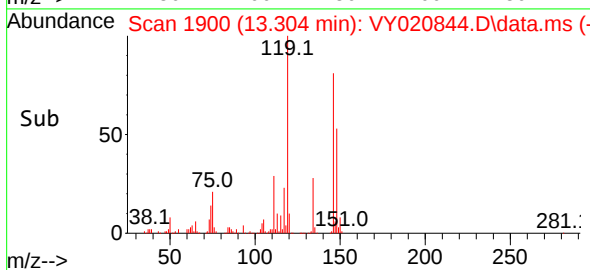
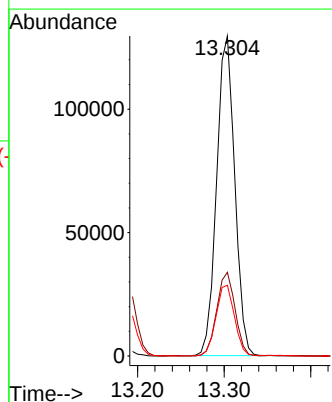
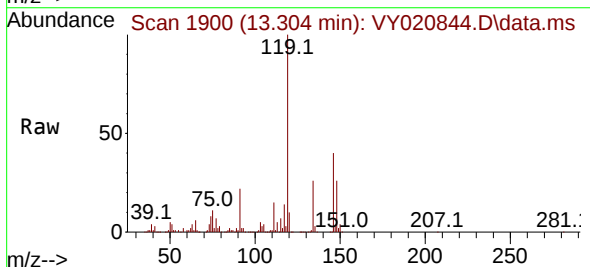
Instrument :
 MSVOA_Y
 ClientSampleId :

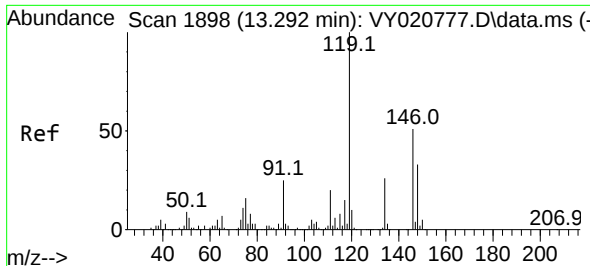
Tgt Ion:105 Resp: 224021
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.102 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY020844.D
 Acq: 17 Jan 2025 10:35

Tgt Ion:119 Resp: 188068
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 22.7 11.8 35.3

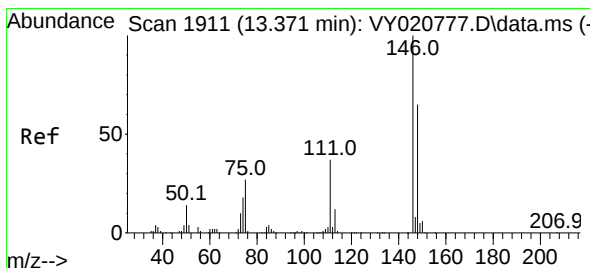
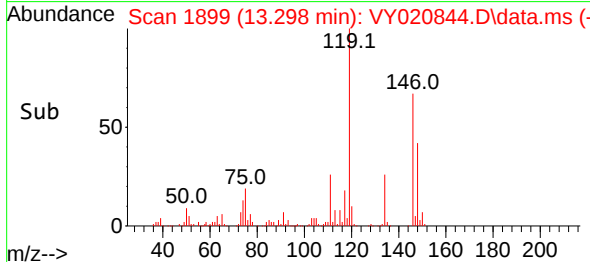
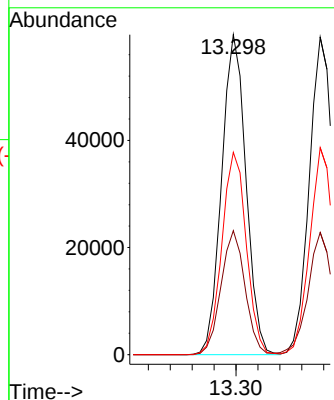
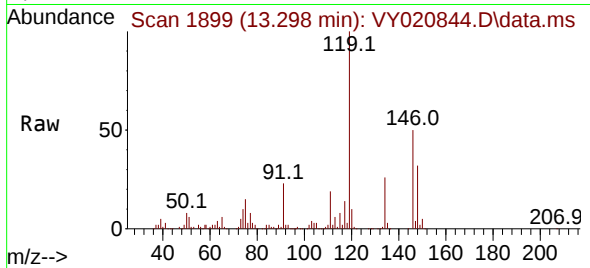




#87
1,3-Dichlorobenzene
Concen: 18.883 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

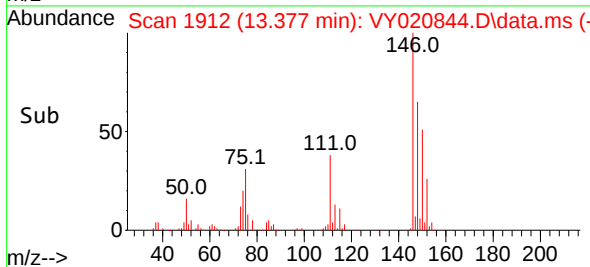
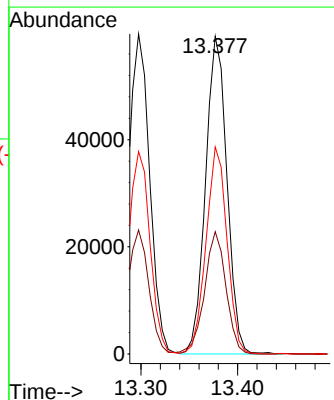
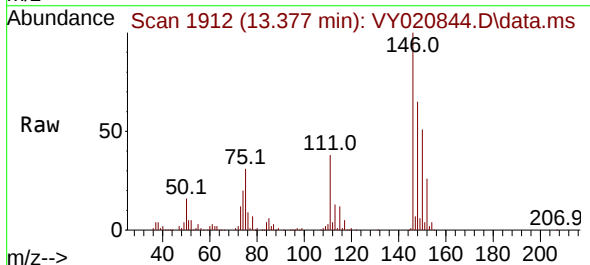
Instrument :
MSVOA_Y
ClientSampleId :

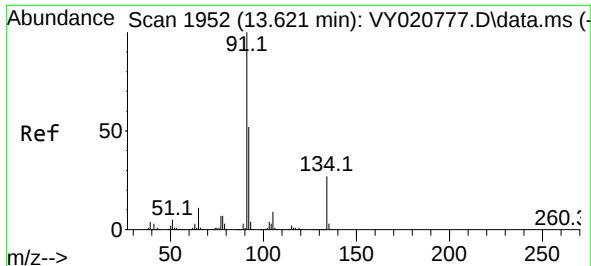
Tgt Ion:146 Resp: 92213
Ion Ratio Lower Upper
146 100
111 38.3 19.5 58.5
148 63.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 18.992 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion:146 Resp: 91292
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.3
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 19.315 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

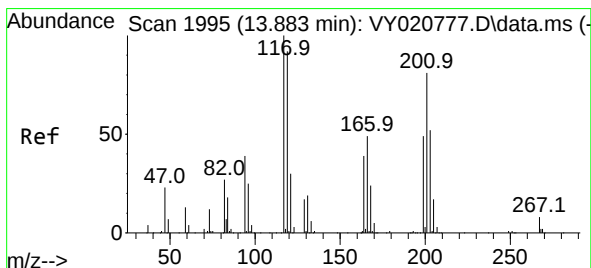
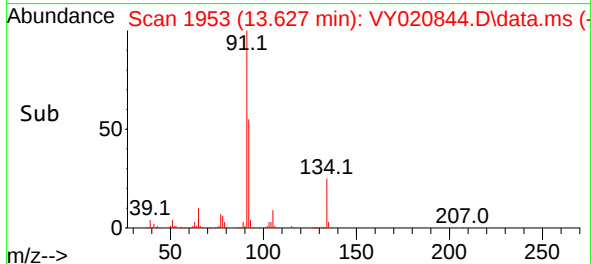
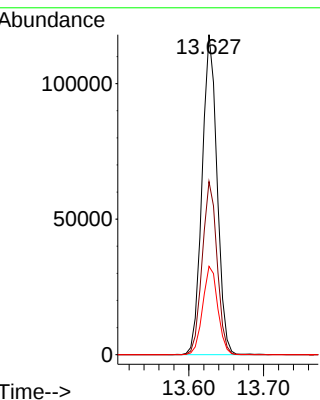
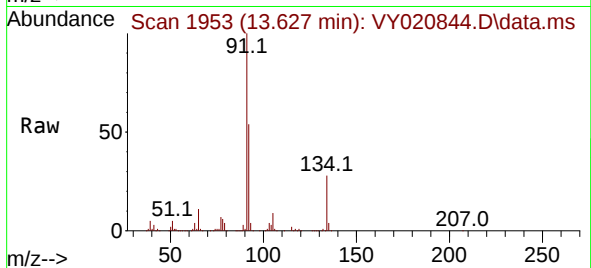
Tgt Ion: 91 Resp: 164972

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.4

134 27.8 13.8 41.4



#90

Hexachloroethane

Concen: 18.522 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020844.D

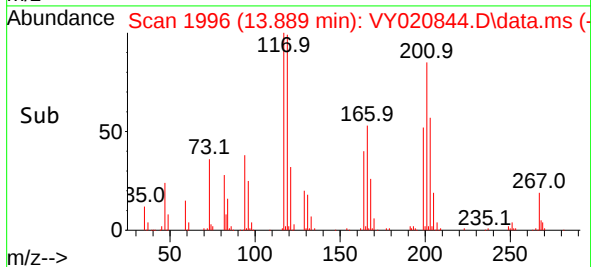
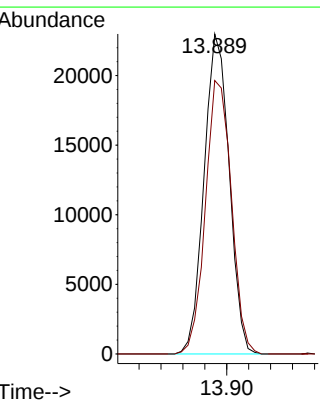
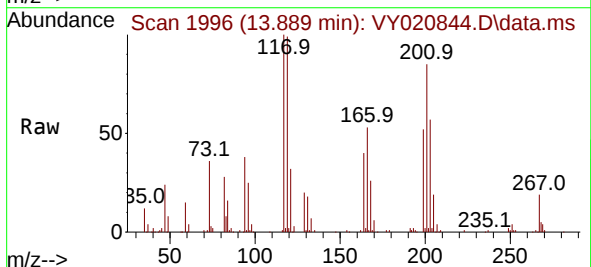
Acq: 17 Jan 2025 10:35

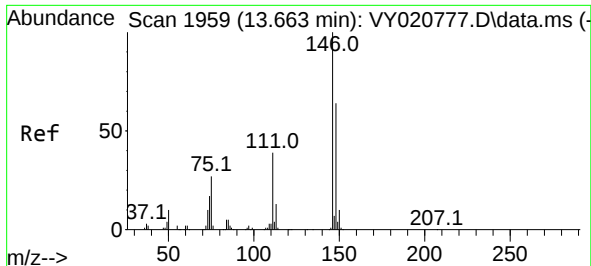
Tgt Ion: 117 Resp: 36617

Ion Ratio Lower Upper

117 100

201 88.3 42.9 128.7

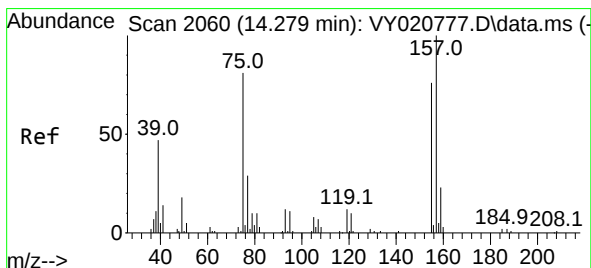
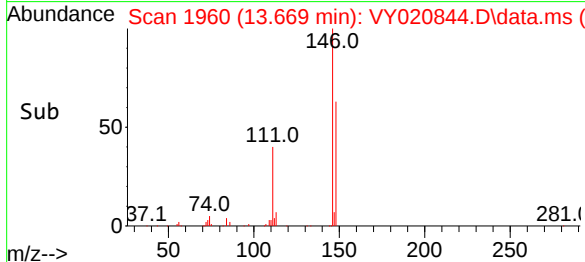
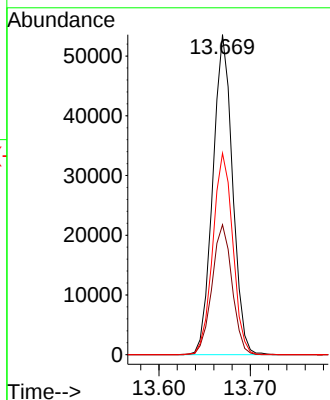
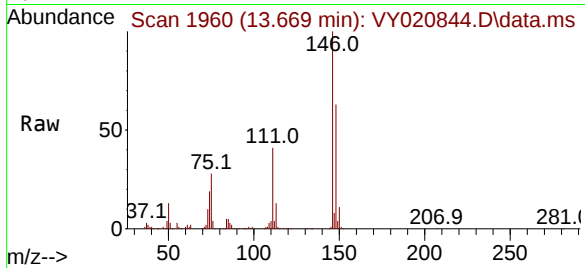




#91
1,2-Dichlorobenzene
Concen: 18.837 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

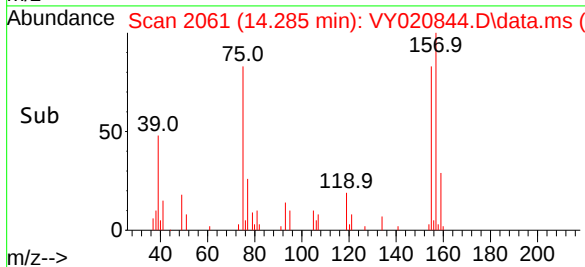
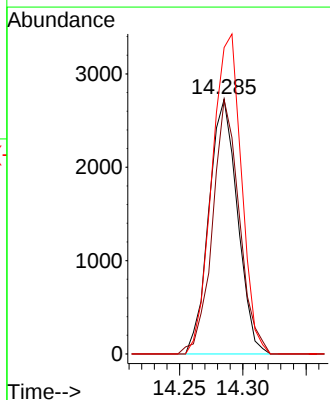
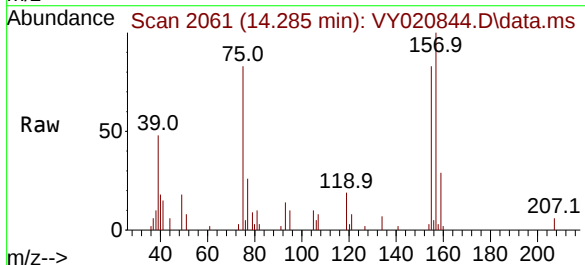
Instrument :
MSVOA_Y
ClientSampleId :

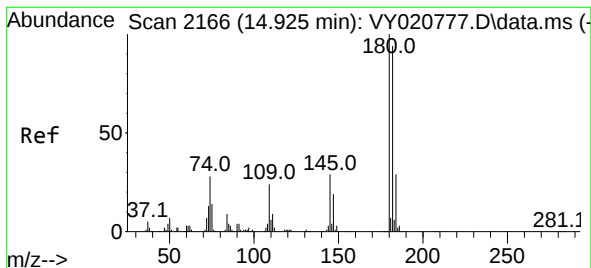
Tgt Ion:146 Resp: 80428
Ion Ratio Lower Upper
146 100
111 41.2 20.0 60.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.003 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion: 75 Resp: 4275
Ion Ratio Lower Upper
75 100
155 94.0 45.5 136.5
157 129.0 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 18.329 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

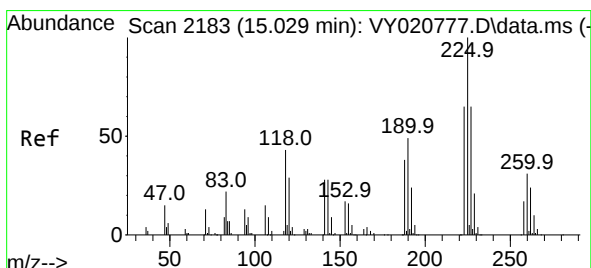
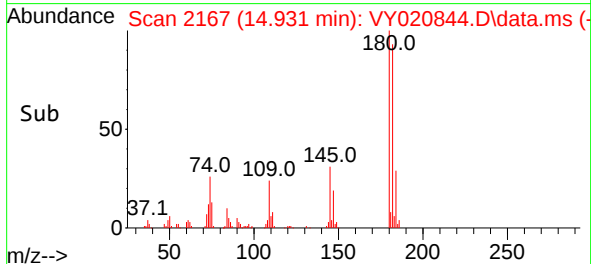
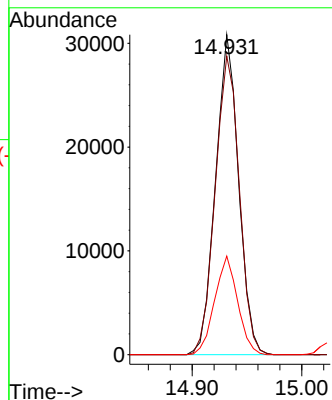
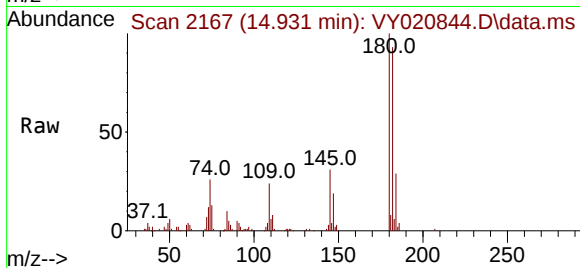
Tgt Ion:180 Resp: 45039

Ion Ratio Lower Upper

180 100

182 97.7 47.6 142.9

145 30.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.878 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020844.D

Acq: 17 Jan 2025 10:35

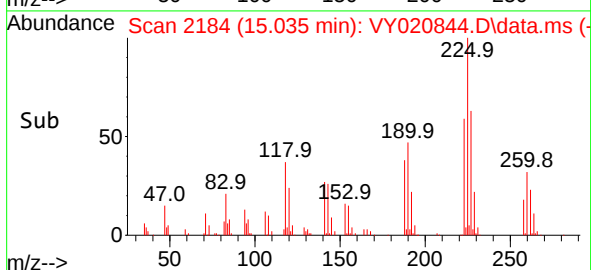
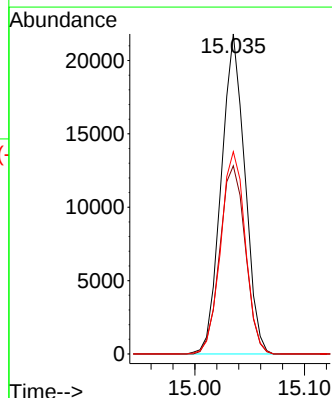
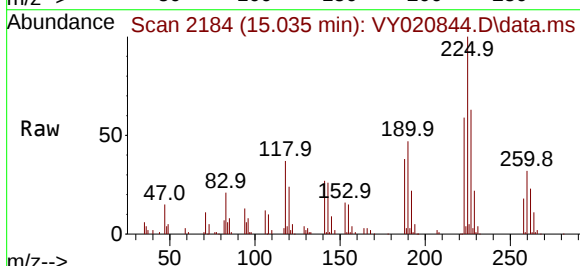
Tgt Ion:225 Resp: 32702

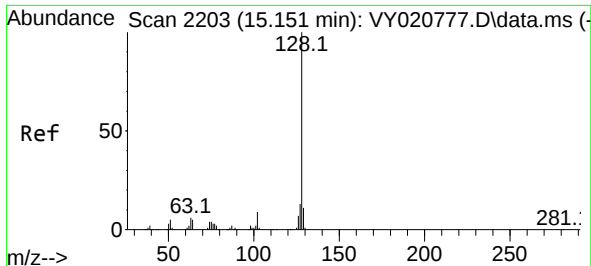
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.8

227 65.7 32.2 96.6

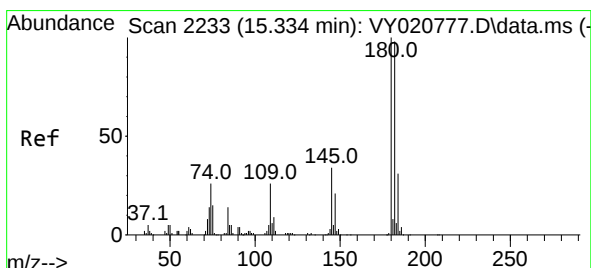
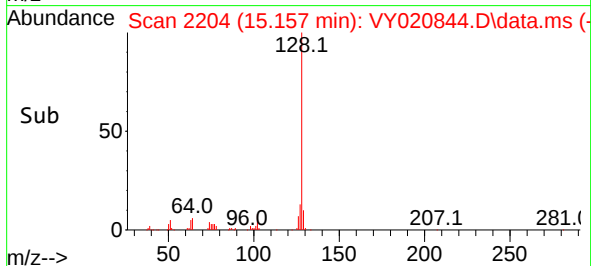
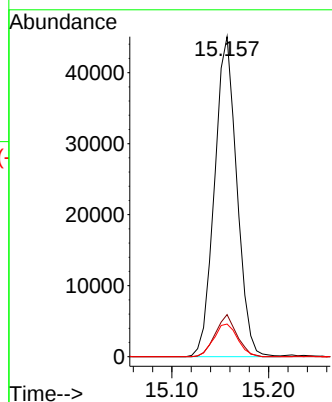
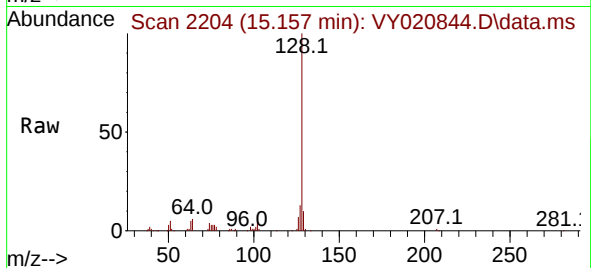




#95
Naphthalene
Concen: 17.831 ug/l
RT: 15.157 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 72114
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.732 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY020844.D
Acq: 17 Jan 2025 10:35

Tgt Ion:180 Resp: 38564
Ion Ratio Lower Upper
180 100
182 93.4 48.1 144.3
145 31.8 16.1 48.2

