

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021250.D
 Acq On : 20 Feb 2025 15:27
 Operator : SY/MD
 Sample : VY0220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:41:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	161536	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	261363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	218672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	103741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	84311	50.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.652	113	82687	49.366	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.121	98	308198	48.331	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	12.420	95	101602	48.770	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	33922	23.561	ug/l	99
3) Chloromethane	2.080	50	38375	27.011	ug/l	97
4) Vinyl Chloride	2.214	62	37354	26.122	ug/l	96
5) Bromomethane	2.611	94	21183	23.968	ug/l	99
6) Chloroethane	2.751	64	22213	26.095	ug/l	98
7) Trichlorofluoromethane	3.080	101	56717	21.771	ug/l	99
8) Diethyl Ether	3.470	74	16851	20.720	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	32667	19.979	ug/l	94
10) Methyl Iodide	4.025	142	41225	22.695	ug/l	94
11) Tert butyl alcohol	4.927	59	9655	86.085	ug/l #	89
12) 1,1-Dichloroethene	3.805	96	32161	20.881	ug/l	94
13) Acrolein	3.671	56	11744	67.999	ug/l	99
14) Allyl chloride	4.403	41	56918	21.927	ug/l	94
15) Acrylonitrile	5.086	53	33357	98.496	ug/l	98
16) Acetone	3.897	43	24640	95.465	ug/l	92
17) Carbon Disulfide	4.129	76	106704	22.093	ug/l	99
18) Methyl Acetate	4.409	43	18000	19.866	ug/l	94
19) Methyl tert-butyl Ether	5.141	73	78048	20.049	ug/l	97
20) Methylene Chloride	4.641	84	36627	22.827	ug/l	94
21) trans-1,2-Dichloroethene	5.141	96	36189	21.346	ug/l	93
22) Diisopropyl ether	6.037	45	117554	21.971	ug/l	94
23) Vinyl Acetate	5.982	43	315820	105.884	ug/l	96
24) 1,1-Dichloroethane	5.939	63	67460	21.520	ug/l	98
25) 2-Butanone	6.915	43	39875	94.015	ug/l	94
26) 2,2-Dichloropropane	6.902	77	56755	19.567	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	41069	21.045	ug/l	92
28) Bromochloromethane	7.268	49	25826	20.835	ug/l	97
29) Tetrahydrofuran	7.287	42	28336	98.733	ug/l	93
30) Chloroform	7.439	83	68259	21.199	ug/l	98
31) Cyclohexane	7.719	56	59037	20.913	ug/l	93
32) 1,1,1-Trichloroethane	7.640	97	61890	20.674	ug/l	100
36) 1,1-Dichloropropene	7.853	75	49344	19.889	ug/l	99
37) Ethyl Acetate	7.006	43	20117	18.484	ug/l	98
38) Carbon Tetrachloride	7.835	117	55417	19.117	ug/l	98
39) Methylcyclohexane	9.122	83	59090	19.472	ug/l	95
40) Benzene	8.097	78	148751	20.431	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	11146	17.702	ug/l	98
42) 1,2-Dichloroethane	8.177	62	40291	19.949	ug/l	96
43) Isopropyl Acetate	8.213	43	41987	19.415	ug/l #	85
44) Trichloroethene	8.878	130	36611	19.463	ug/l	98
45) 1,2-Dichloropropane	9.152	63	35442	20.509	ug/l	98
46) Dibromomethane	9.243	93	18152	18.972	ug/l	97
47) Bromodichloromethane	9.432	83	50451	19.661	ug/l	92
48) Methyl methacrylate	9.231	41	18625	18.907	ug/l	94
49) 1,4-Dioxane	9.262	88	3386	380.146	ug/l	95
51) 4-Methyl-2-Pentanone	10.012	43	100039	91.989	ug/l	96
52) Toluene	10.182	92	92464	20.226	ug/l	100
53) t-1,3-Dichloropropene	10.408	75	43790	19.005	ug/l	97
54) cis-1,3-Dichloropropene	9.871	75	53275	19.528	ug/l	91
55) 1,1,2-Trichloroethane	10.585	97	24175	19.512	ug/l	95
56) Ethyl methacrylate	10.451	69	30197	18.218	ug/l	88
57) 1,3-Dichloropropane	10.731	76	41863	19.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	69058	87.576	ug/l	99
59) 2-Hexanone	10.774	43	63360	90.488	ug/l	94
60) Dibromochloromethane	10.926	129	32430	18.638	ug/l	100
61) 1,2-Dibromoethane	11.024	107	21588	18.602	ug/l	99
64) Tetrachloroethene	10.658	164	31654	19.500	ug/l	96
65) Chlorobenzene	11.457	112	96110	19.739	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.530	131	33586	19.410	ug/l	98
67) Ethyl Benzene	11.530	91	170084	19.749	ug/l	99
68) m/p-Xylenes	11.639	106	129589	40.223	ug/l	97
69) o-Xylene	11.969	106	59416	19.781	ug/l	96
70) Styrene	11.981	104	99544	19.883	ug/l	99
71) Bromoform	12.145	173	17478	18.147	ug/l #	97
73) Isopropylbenzene	12.267	105	160857	19.850	ug/l	100
74) N-amyl acetate	12.084	43	32765	18.494	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	25465	18.895	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	33726	35.838	ug/l #	100
77) Bromobenzene	12.542	156	36542	19.541	ug/l	95
78) n-propylbenzene	12.609	91	195636	20.266	ug/l	100
79) 2-Chlorotoluene	12.688	91	110955	20.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	129954	19.779	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	8144	17.658	ug/l	94
82) 4-Chlorotoluene	12.792	91	113066	20.072	ug/l	99
83) tert-Butylbenzene	13.011	119	118226	19.797	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	129629	20.178	ug/l	100
85) sec-Butylbenzene	13.188	105	168703	19.625	ug/l	98
86) p-Isopropyltoluene	13.304	119	140534	19.680	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	70378	19.491	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	69610	19.580	ug/l	99
89) n-Butylbenzene	13.627	91	124639	19.133	ug/l	99
90) Hexachloroethane	13.895	117	28900	19.400	ug/l	86
91) 1,2-Dichlorobenzene	13.670	146	60610	19.340	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	3688	18.312	ug/l	94
93) 1,2,4-Trichlorobenzene	14.931	180	32041	18.367	ug/l	99
94) Hexachlorobutadiene	15.035	225	21996	19.027	ug/l	99
95) Naphthalene	15.157	128	49678	17.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	26559	18.295	ug/l	96

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

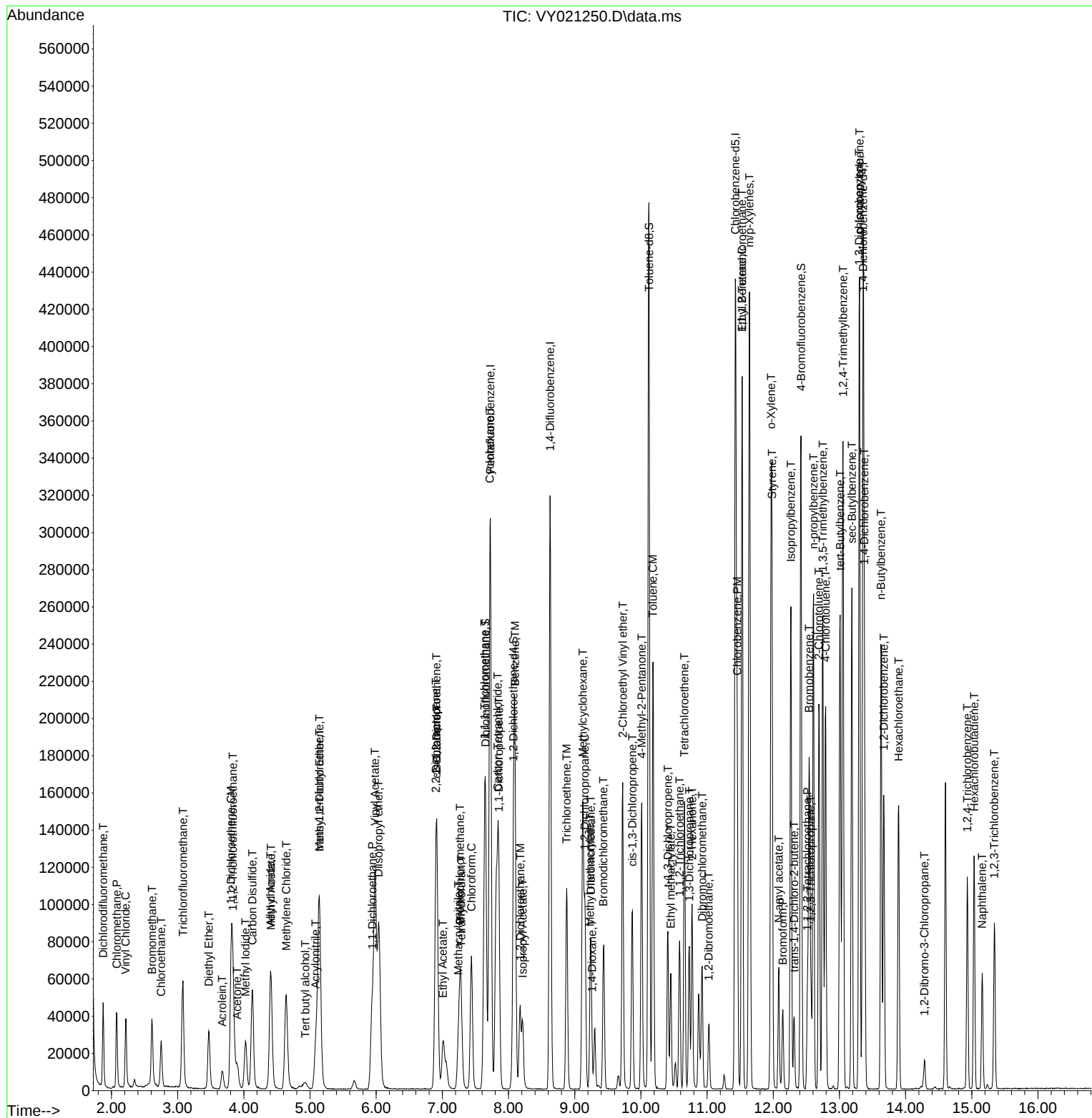
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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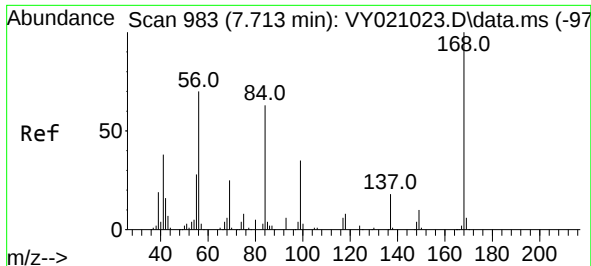
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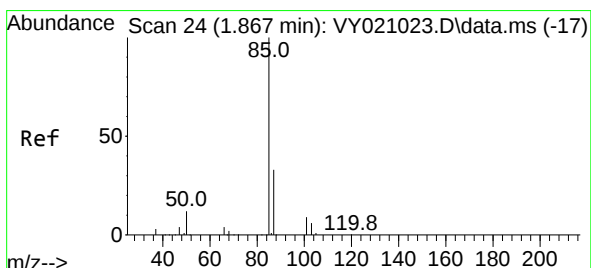
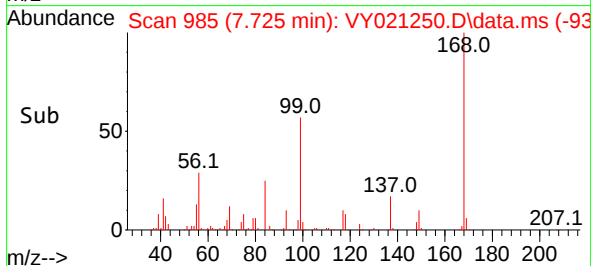
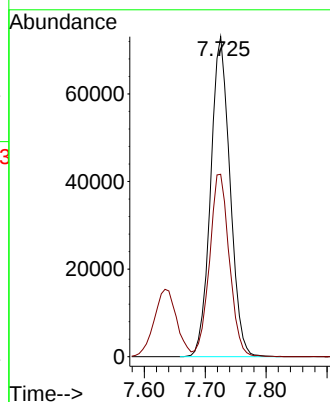
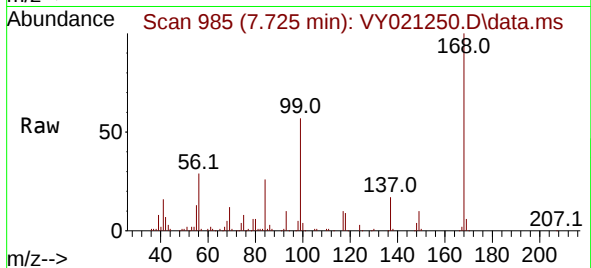




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021250.D
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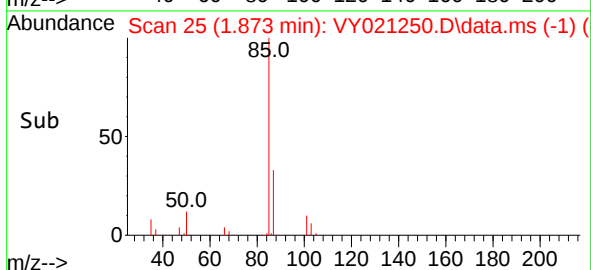
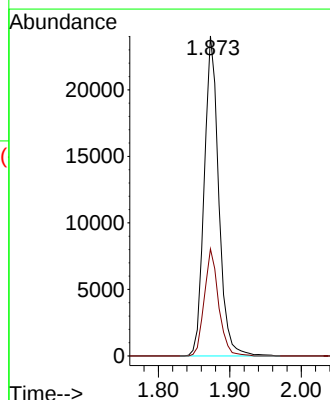
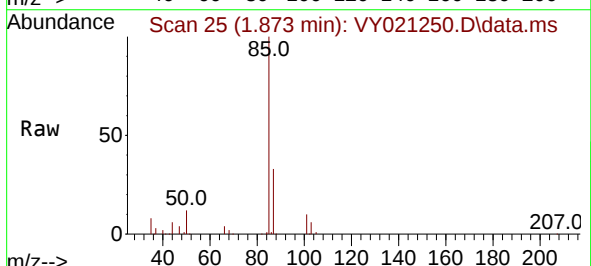
Instrument :
MSVOA_Y
ClientSampleId :

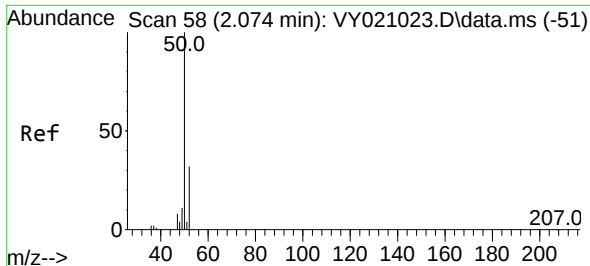
Tgt Ion:168 Resp: 161536
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 23.561 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 85 Resp: 33922
Ion Ratio Lower Upper
85 100
87 33.4 17.1 51.3

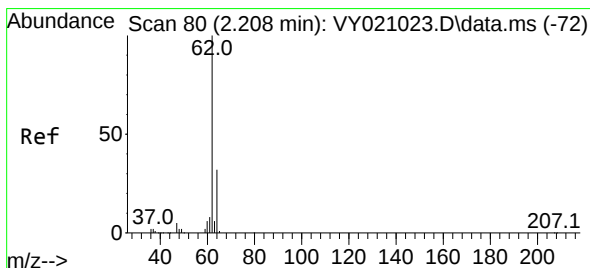
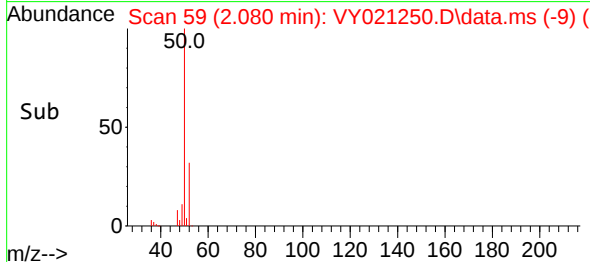
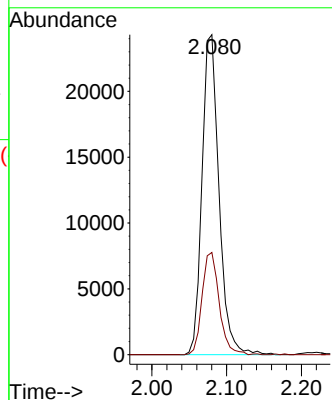
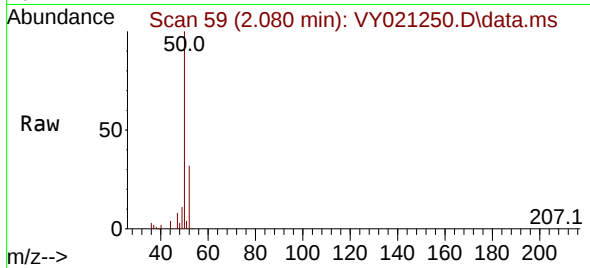




#3
Chloromethane
Concen: 27.011 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

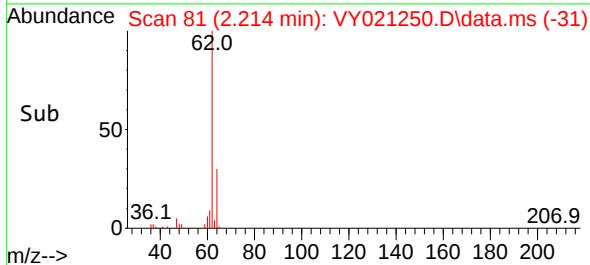
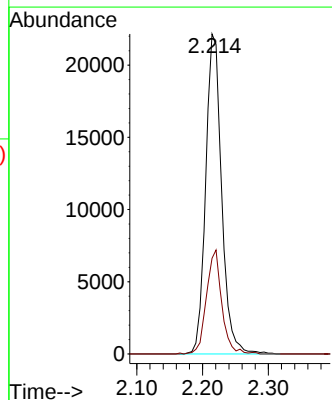
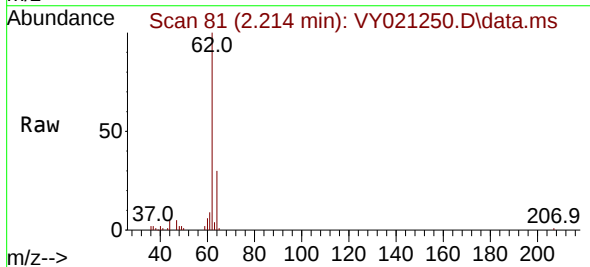
Instrument :
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ClientSampleId :

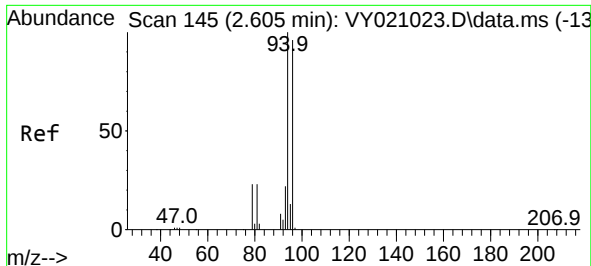
Tgt Ion: 50 Resp: 38375
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1



#4
Vinyl Chloride
Concen: 26.122 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 62 Resp: 37354
Ion Ratio Lower Upper
62 100
64 29.9 25.7 38.5

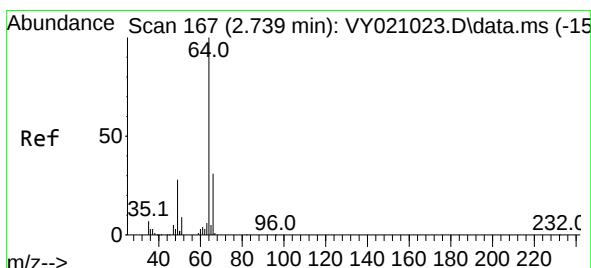
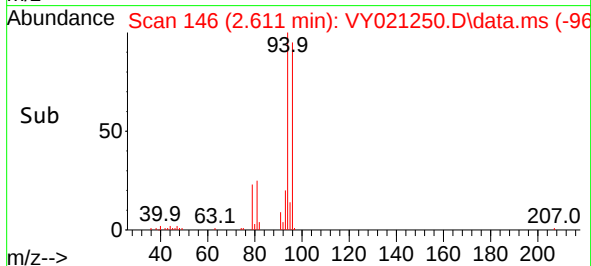
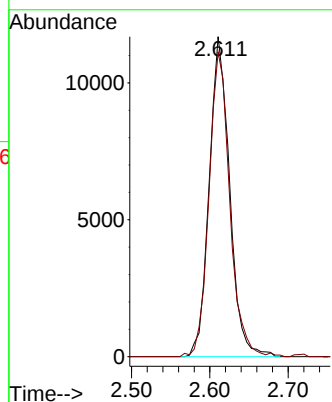
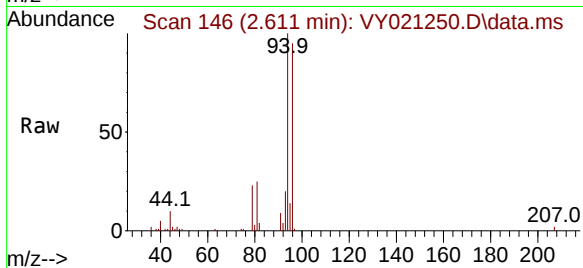




#5
Bromomethane
Concen: 23.968 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

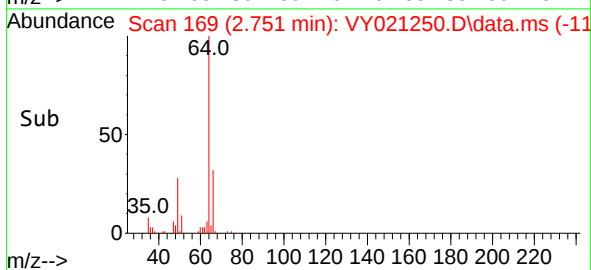
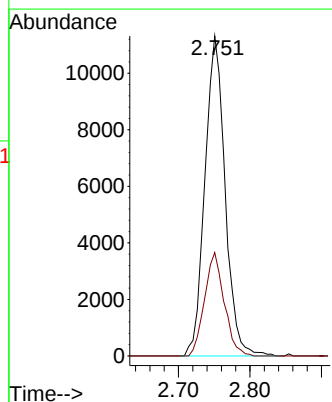
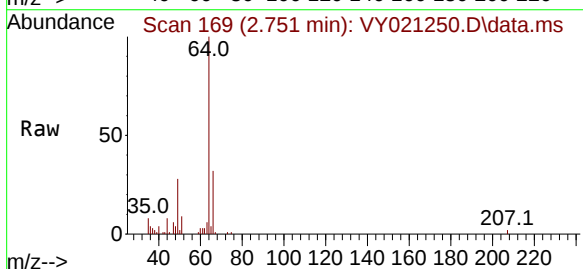
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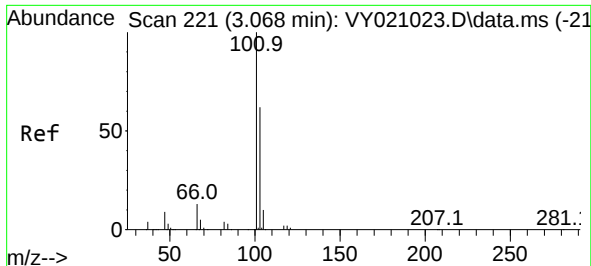
Tgt Ion: 94 Resp: 21183
Ion Ratio Lower Upper
94 100
96 95.1 77.3 115.9



#6
Chloroethane
Concen: 26.095 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 64 Resp: 22213
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7

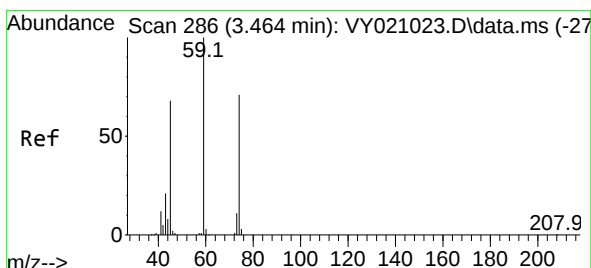
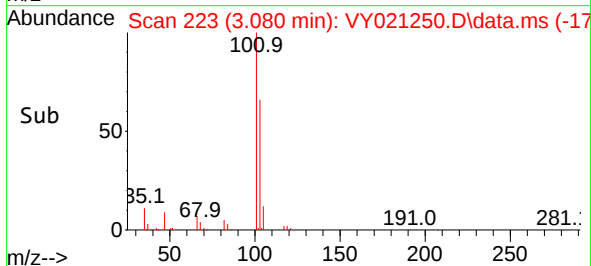
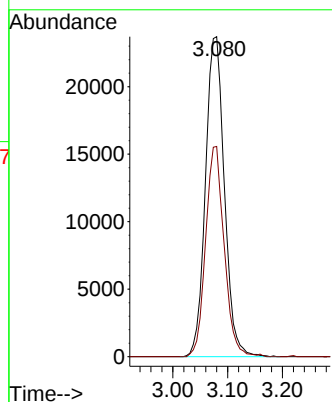
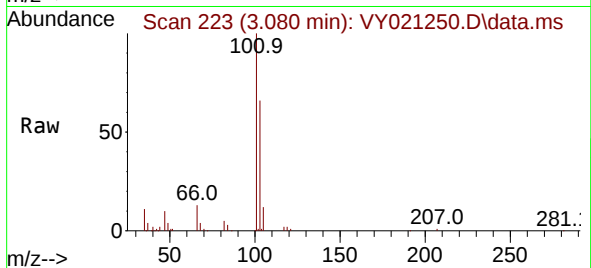




#7
 Trichlorofluoromethane
 Concen: 21.771 ug/l
 RT: 3.080 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

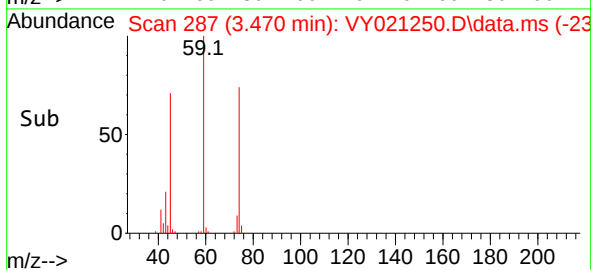
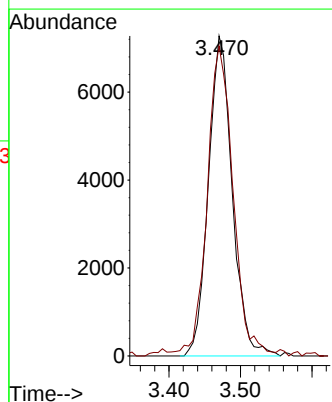
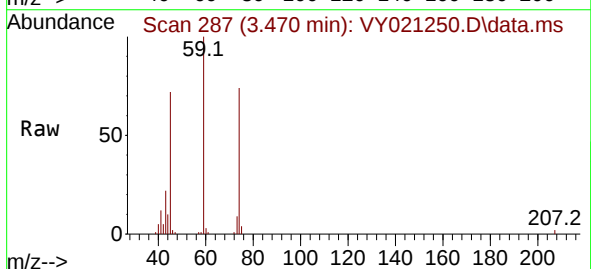
Instrument :
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 ClientSampleId :

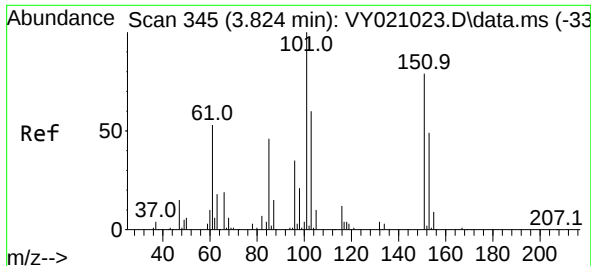
Tgt Ion:101 Resp: 56717
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.720 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

Tgt Ion: 74 Resp: 16851
 Ion Ratio Lower Upper
 74 100
 45 102.4 47.9 143.7

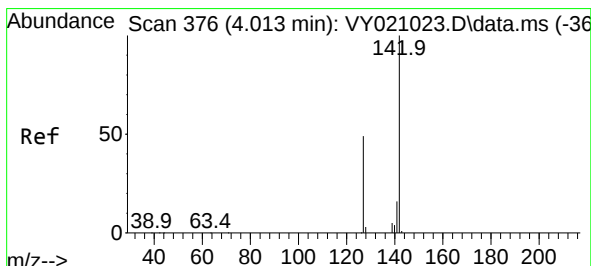
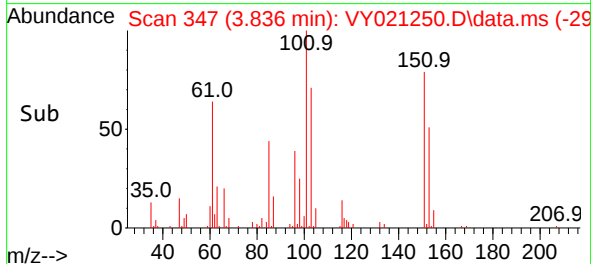
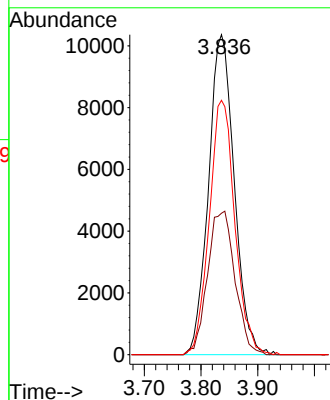
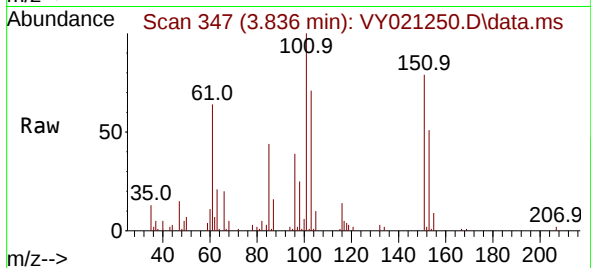




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.979 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

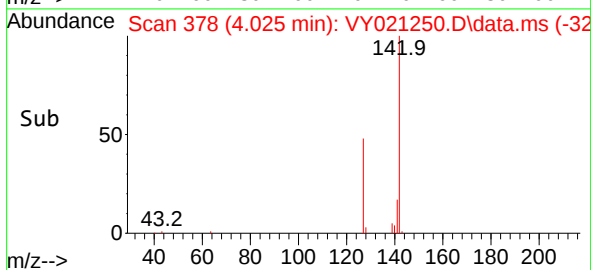
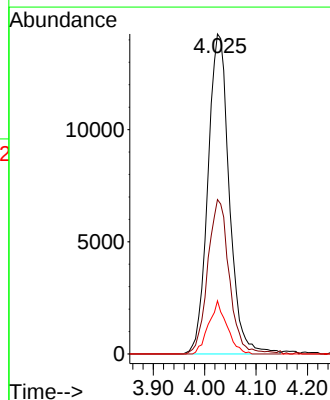
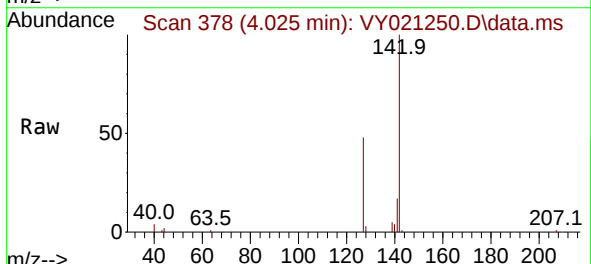
Instrument :
MSVOA_Y
ClientSampleId :

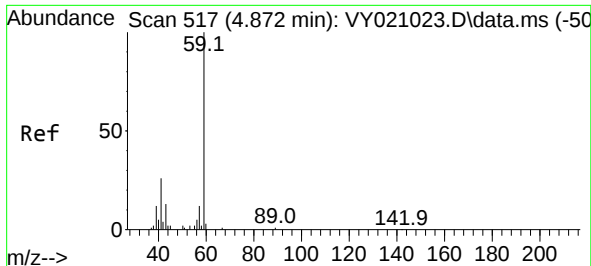
Tgt Ion:101 Resp: 32667
Ion Ratio Lower Upper
101 100
85 47.8 35.8 53.6
151 79.0 58.6 88.0



#10
Methyl Iodide
Concen: 22.695 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:142 Resp: 41225
Ion Ratio Lower Upper
142 100
127 48.8 35.1 52.7
141 14.2 11.8 17.6

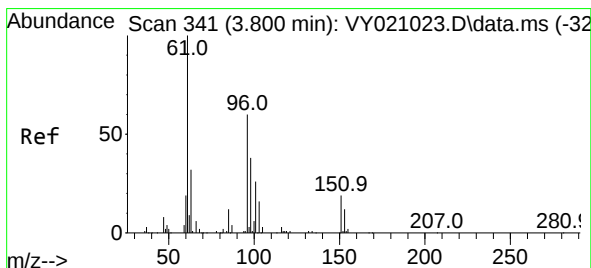
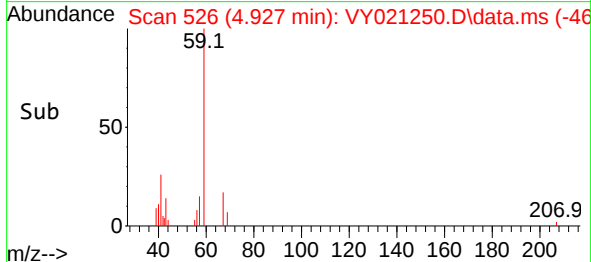
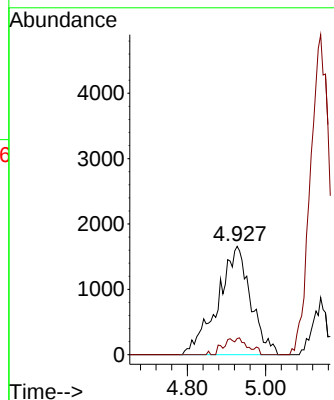
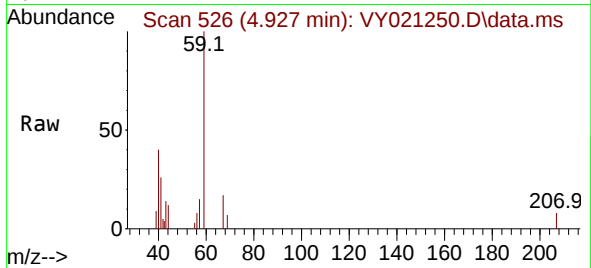




#11
Tert butyl alcohol
Concen: 86.085 ug/l
RT: 4.927 min Scan# 517
Delta R.T. 0.055 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

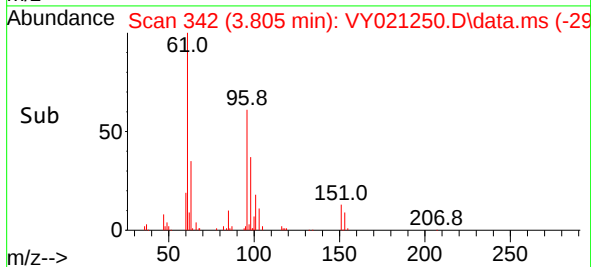
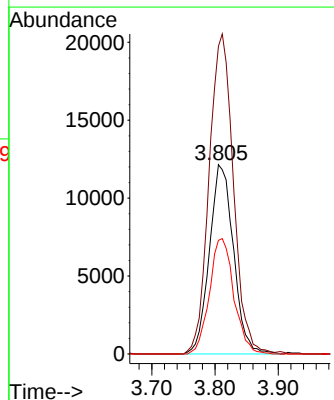
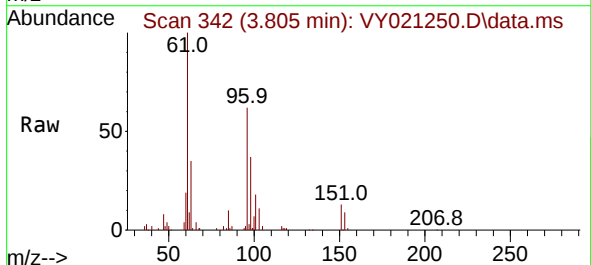
Instrument :
MSVOA_Y
ClientSampleId :

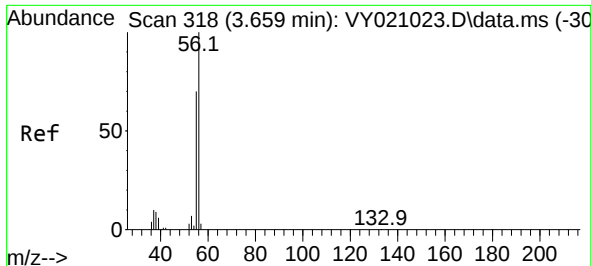
Tgt Ion: 59 Resp: 9655
Ion Ratio Lower Upper
59 100
57 5.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.881 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 96 Resp: 32161
Ion Ratio Lower Upper
96 100
61 162.5 124.2 186.2
98 60.0 52.6 79.0





#13

Acrolein

Concen: 67.999 ug/l

RT: 3.671 min Scan# 318

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

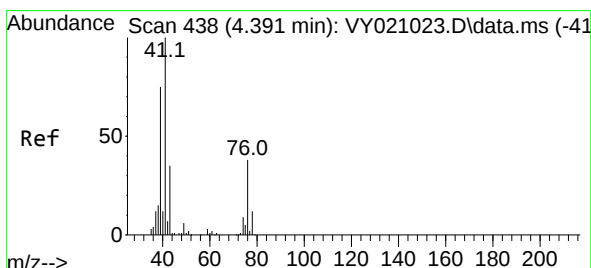
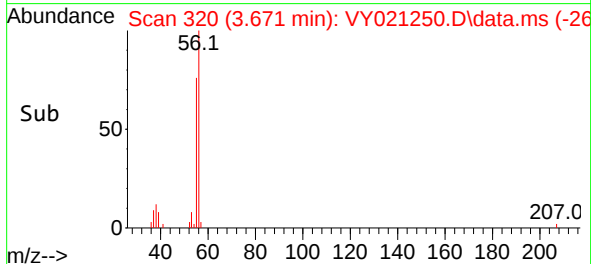
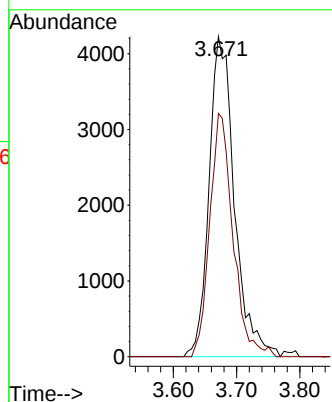
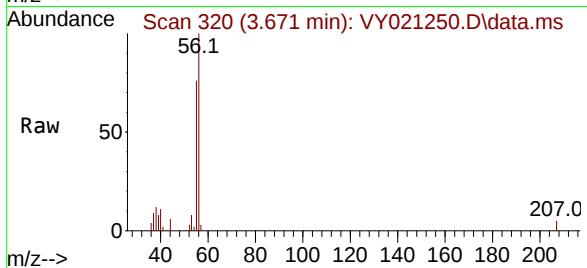
ClientSampleId :

Tgt Ion: 56 Resp: 11744

Ion Ratio Lower Upper

56 100

55 69.7 55.4 83.0



#14

Allyl chloride

Concen: 21.927 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

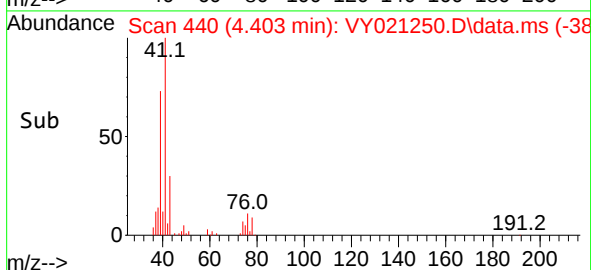
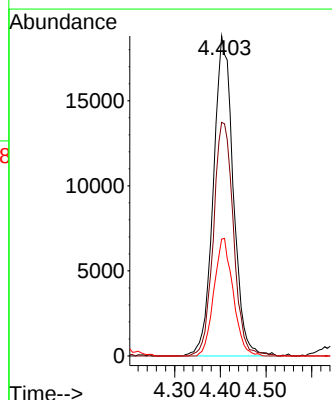
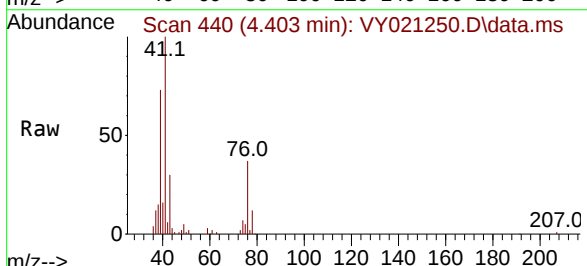
Tgt Ion: 41 Resp: 56918

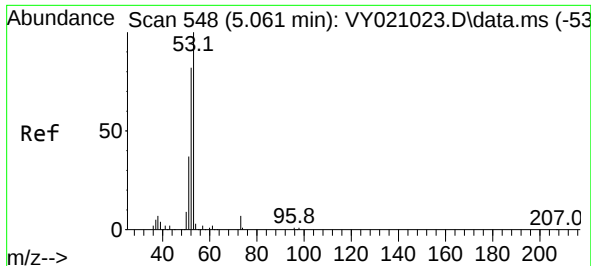
Ion Ratio Lower Upper

41 100

39 73.4 54.7 82.1

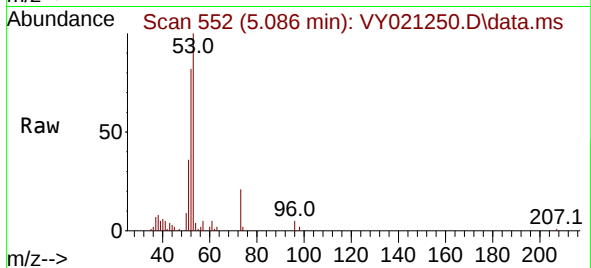
76 35.5 31.8 47.6



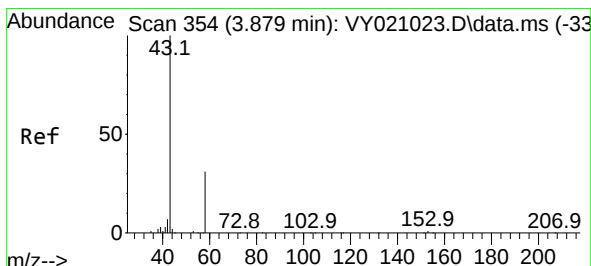
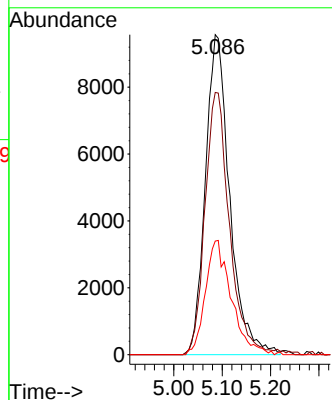
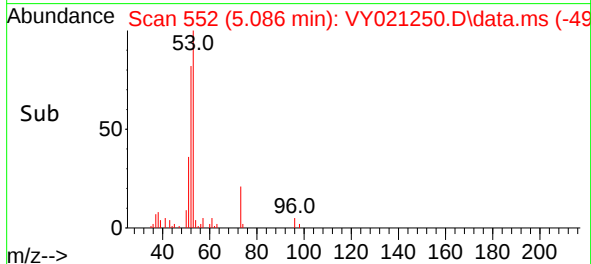


#15
Acrylonitrile
Concen: 98.496 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Instrument :
MSVOA_Y
ClientSampleId :

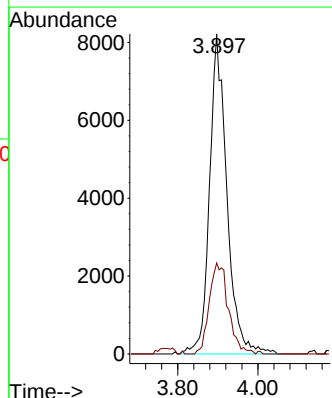
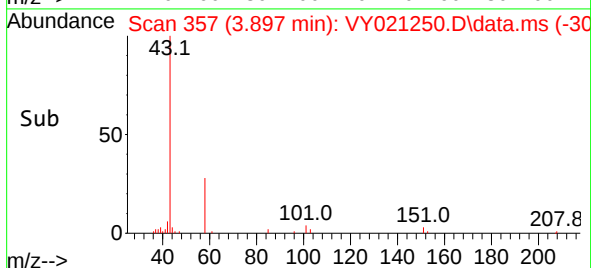
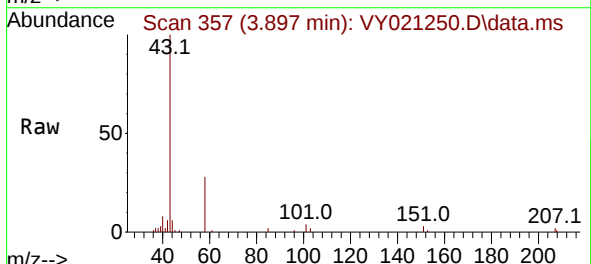


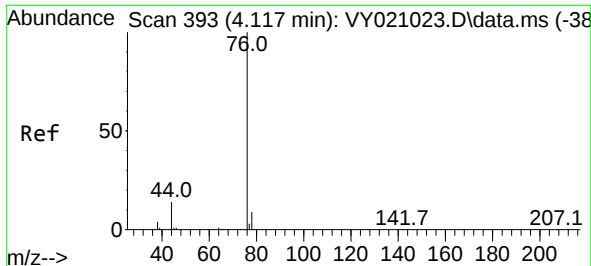
Tgt Ion: 53 Resp: 33357
Ion Ratio Lower Upper
53 100
52 82.4 65.1 97.7
51 38.1 29.0 43.4



#16
Acetone
Concen: 95.465 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 43 Resp: 24640
Ion Ratio Lower Upper
43 100
58 28.5 26.6 39.8

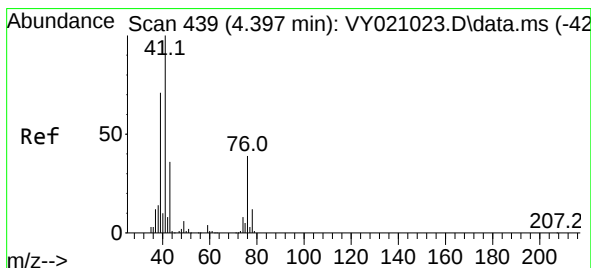
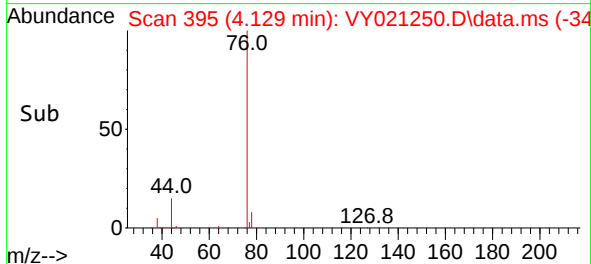
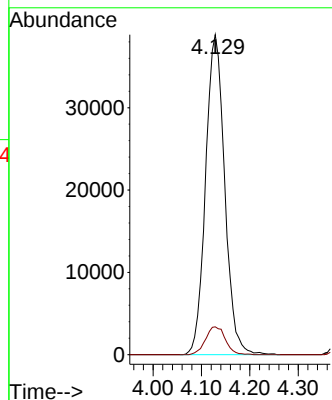
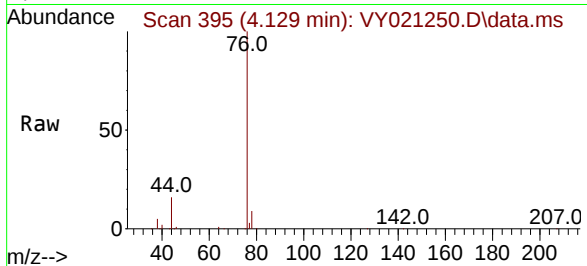




#17
Carbon Disulfide
Concen: 22.093 ug/l
RT: 4.129 min Scan# 395
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

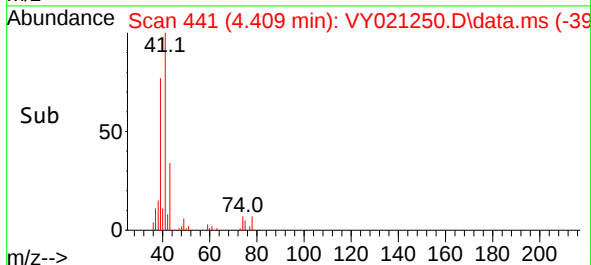
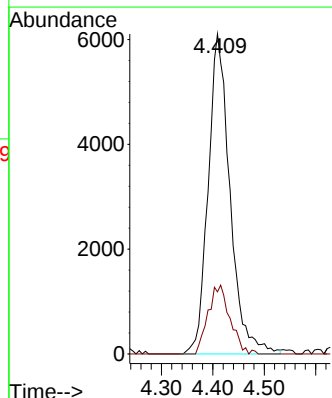
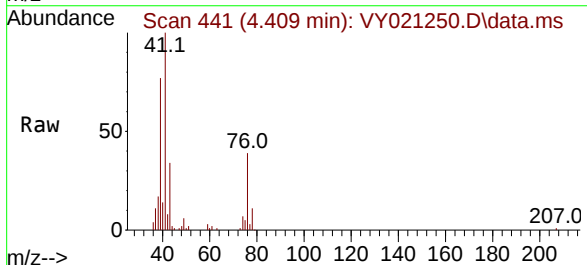
Instrument :
MSVOA_Y
ClientSampleId :

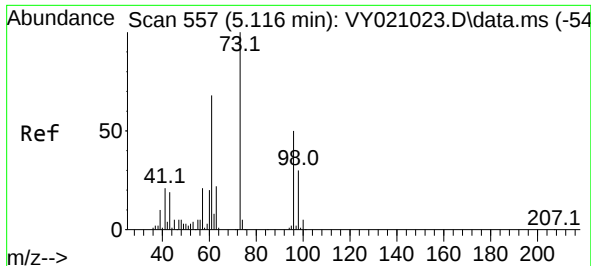
Tgt Ion: 76 Resp: 106704
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.866 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 43 Resp: 18000
Ion Ratio Lower Upper
43 100
74 21.6 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.049 ug/l

RT: 5.141 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

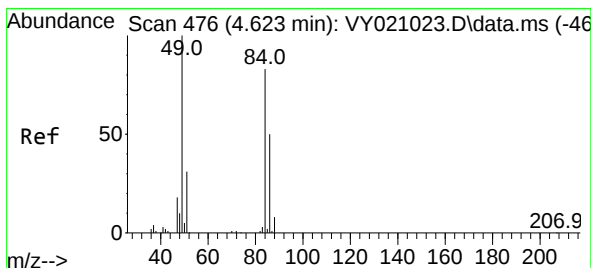
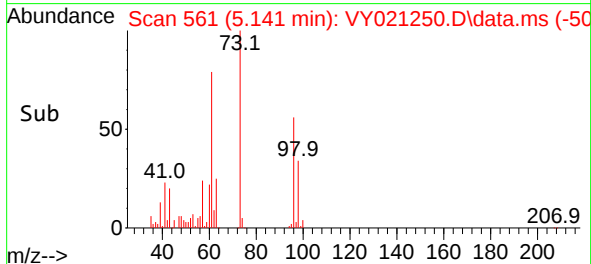
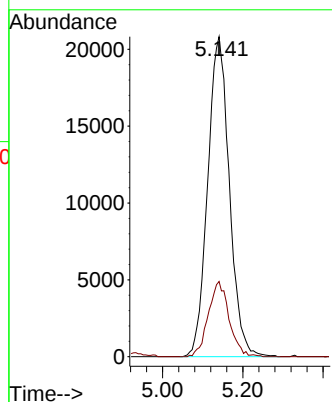
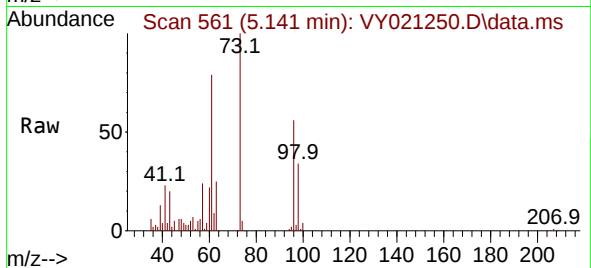
ClientSampleId :

Tgt Ion: 73 Resp: 78048

Ion Ratio Lower Upper

73 100

57 23.5 17.7 26.5



#20

Methylene Chloride

Concen: 22.827 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.018 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion: 84 Resp: 36627

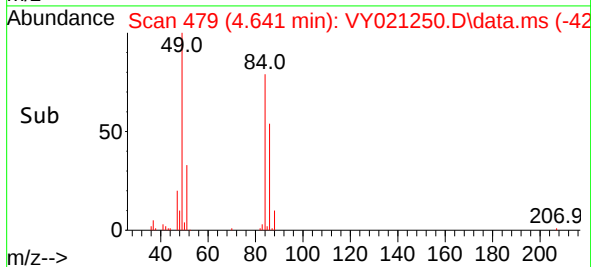
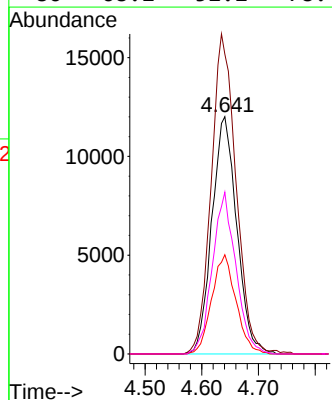
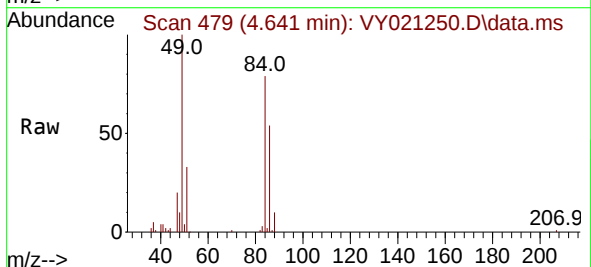
Ion Ratio Lower Upper

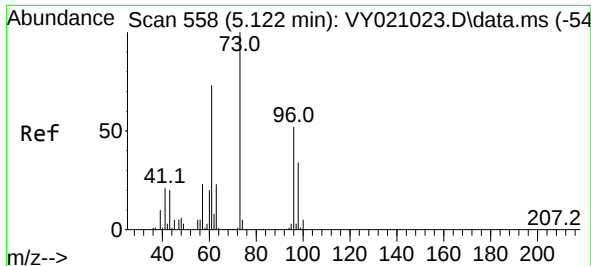
84 100

49 126.4 95.2 142.8

51 41.8 29.9 44.9

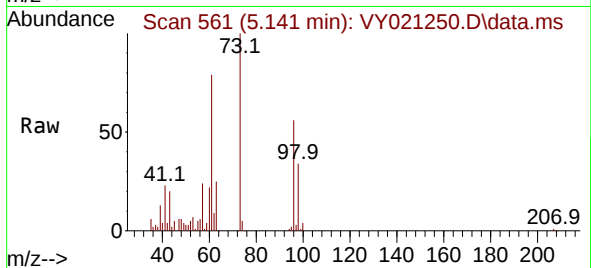
86 68.2 52.2 78.4



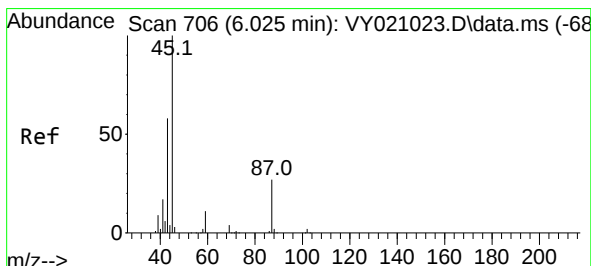
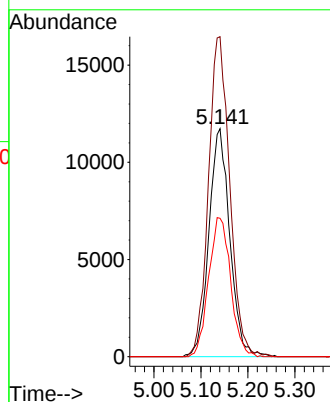
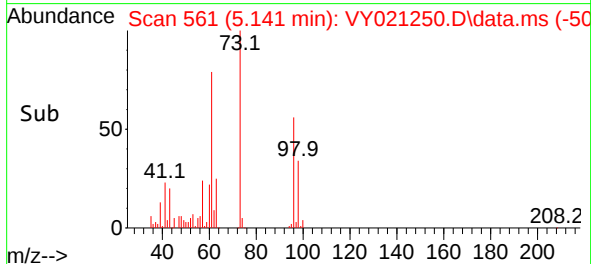


#21
trans-1,2-Dichloroethene
Concen: 21.346 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

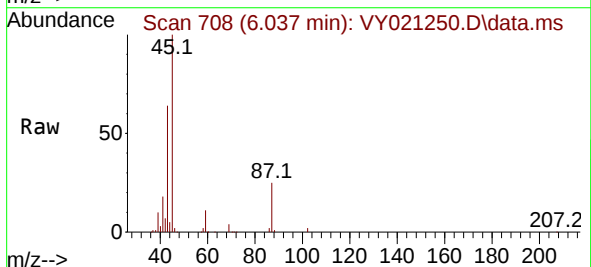
Instrument :
MSVOA_Y
ClientSampleId :



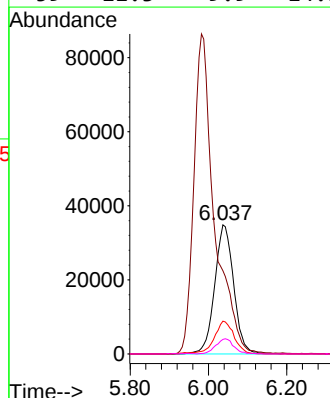
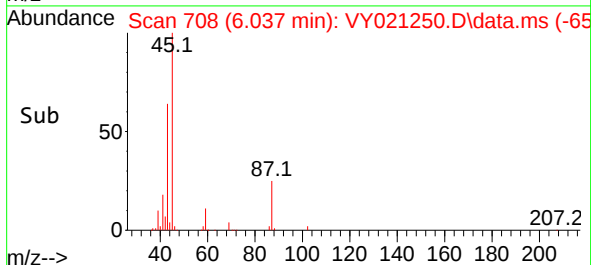
Tgt Ion: 96 Resp: 36189
Ion Ratio Lower Upper
96 100
61 140.4 104.6 156.8
98 60.7 50.9 76.3

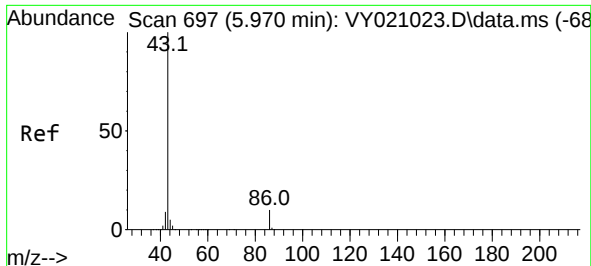


#22
Diisopropyl ether
Concen: 21.971 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



Tgt Ion: 45 Resp: 117554
Ion Ratio Lower Upper
45 100
43 63.8 46.8 70.2
87 25.4 22.2 33.2
59 11.3 9.9 14.9

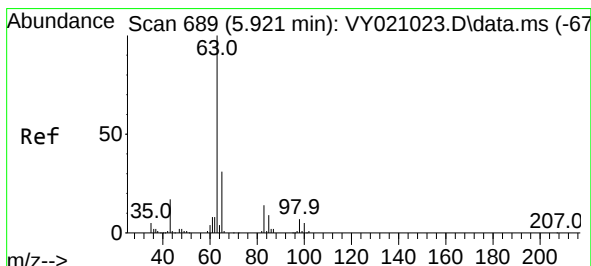
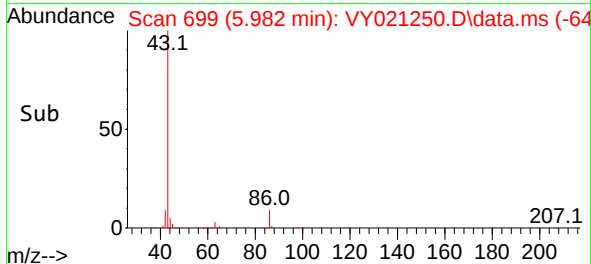
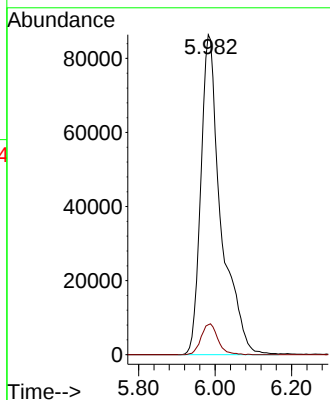
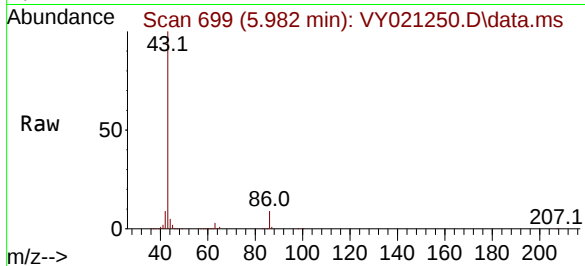




#23
 Vinyl Acetate
 Concen: 105.884 ug/l
 RT: 5.982 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

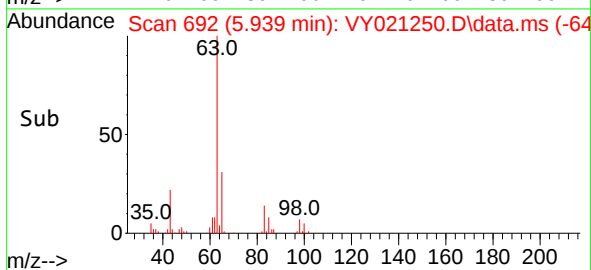
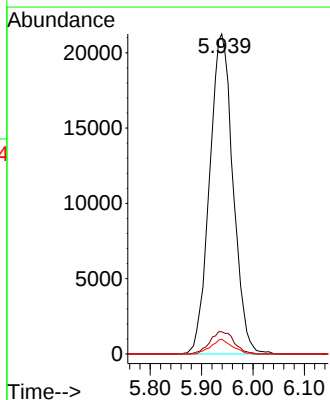
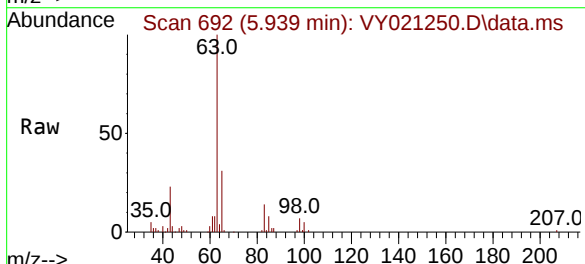
Instrument :
 MSVOA_Y
 ClientSampleId :

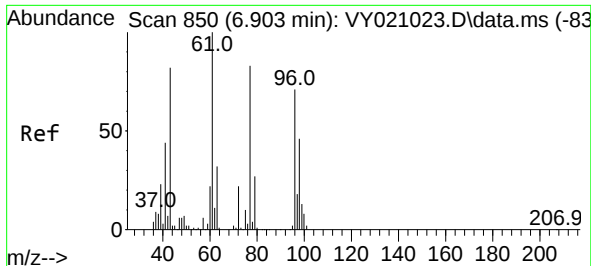
Tgt Ion: 43 Resp: 315820
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.520 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.018 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

Tgt Ion: 63 Resp: 67460
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 94.015 ug/l

RT: 6.915 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

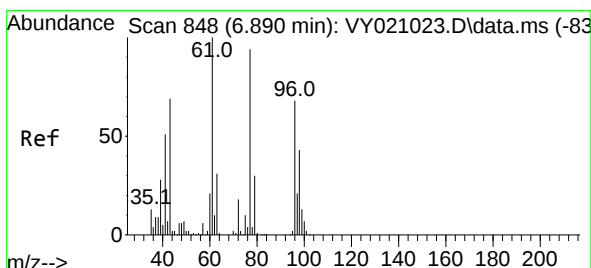
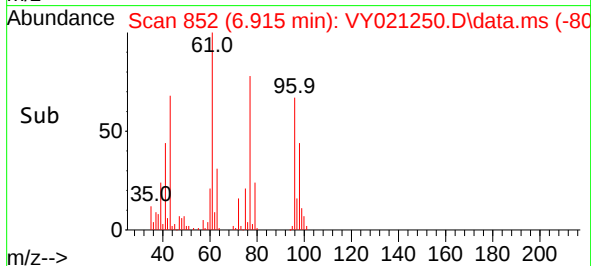
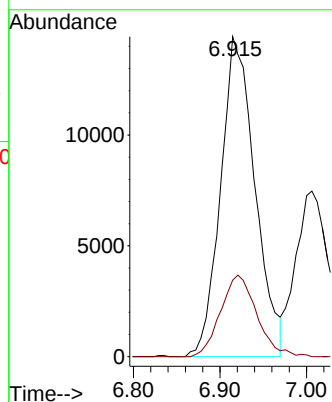
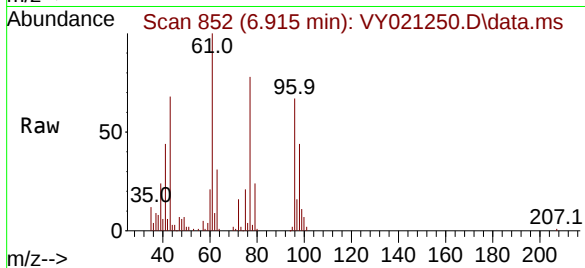
ClientSampleId :

Tgt Ion: 43 Resp: 39875

Ion Ratio Lower Upper

43 100

72 23.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.567 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021250.D

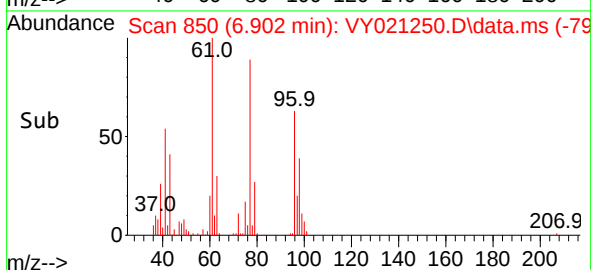
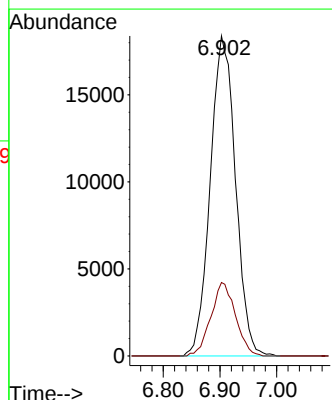
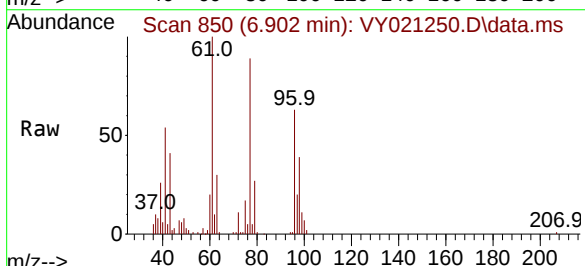
Acq: 20 Feb 2025 15:27

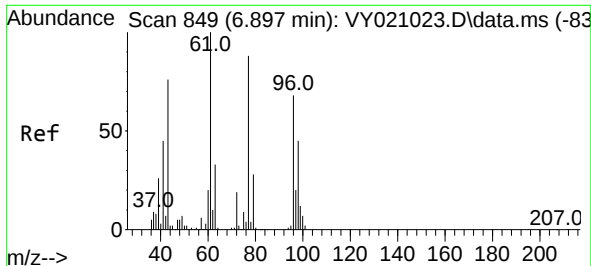
Tgt Ion: 77 Resp: 56755

Ion Ratio Lower Upper

77 100

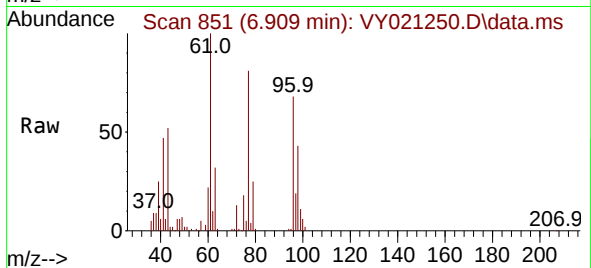
97 22.4 11.7 35.0



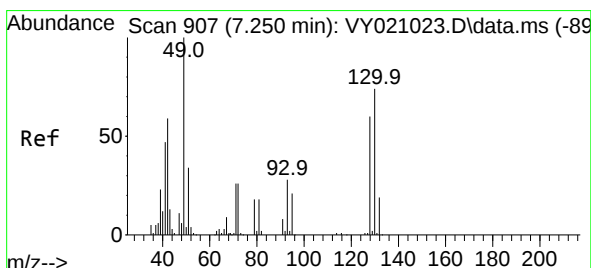
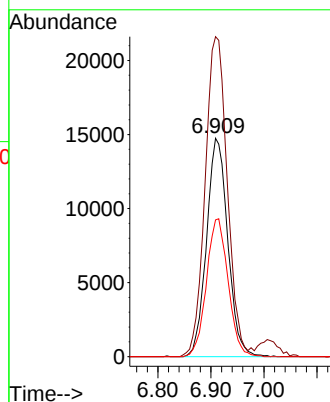
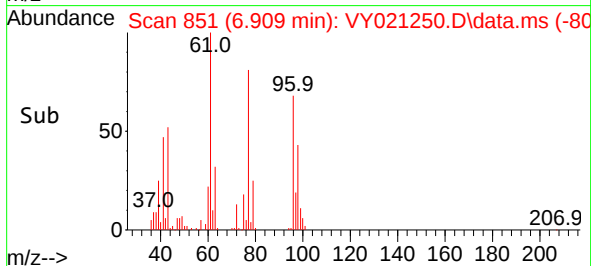


#27
 cis-1,2-Dichloroethene
 Concen: 21.045 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :

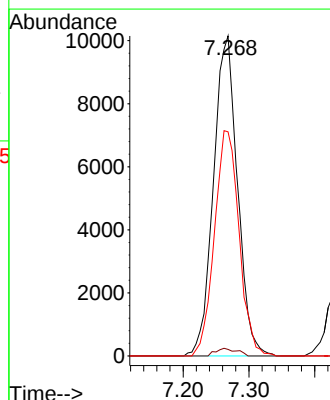
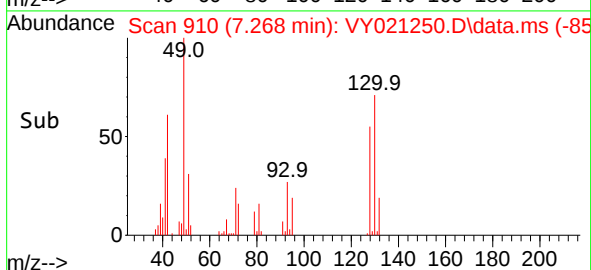
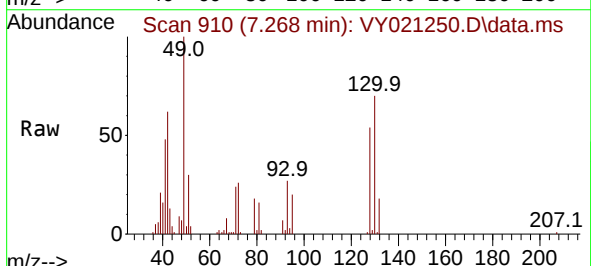


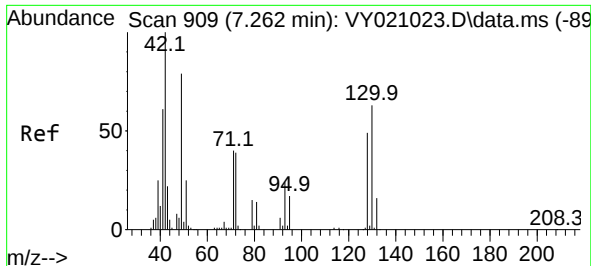
Tgt Ion: 96 Resp: 41069
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 278.8
 98 64.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.835 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.018 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

Tgt Ion: 49 Resp: 25826
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 72.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 98.733 ug/l

RT: 7.287 min Scan# 913

Delta R.T. 0.024 min

Lab File: VY021250.D

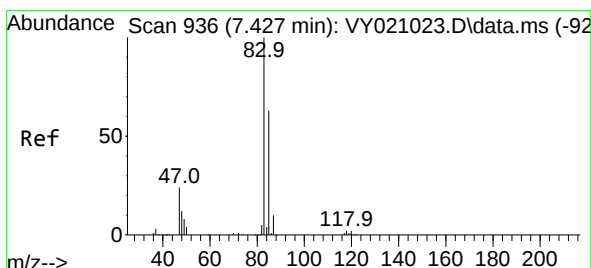
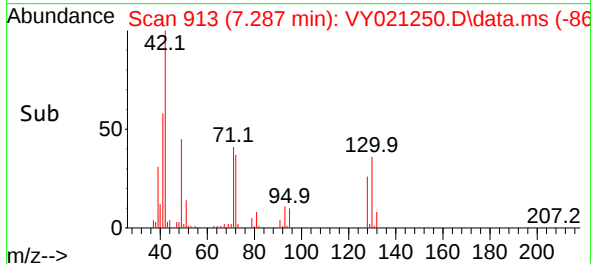
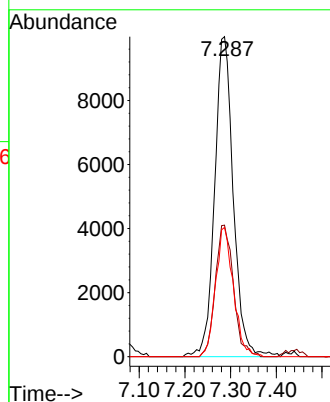
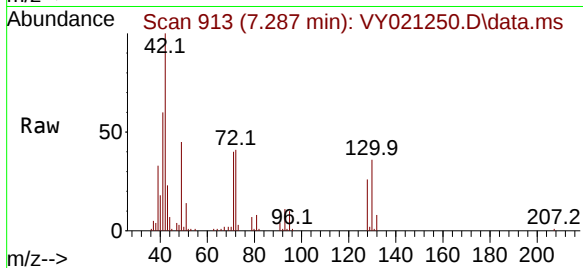
Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	28336
Ion	Ratio	Lower	Upper
42	100		
72	40.0	36.6	54.8
71	38.7	33.8	50.6



#30

Chloroform

Concen: 21.199 ug/l

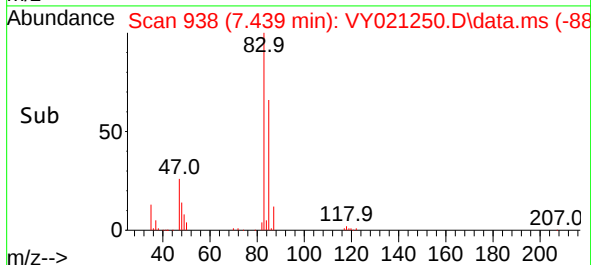
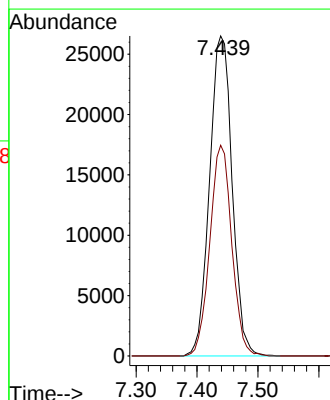
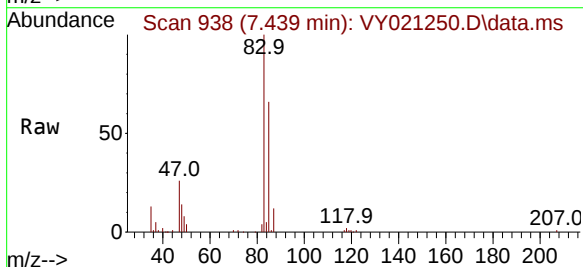
RT: 7.439 min Scan# 938

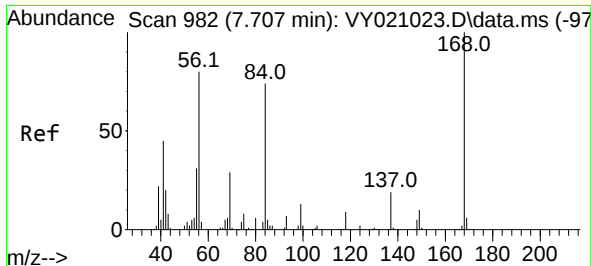
Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

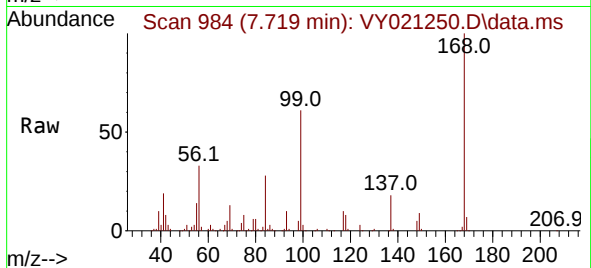
Tgt Ion:	83	Resp:	68259
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.2	76.8



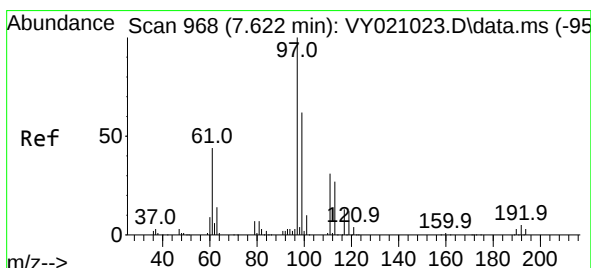
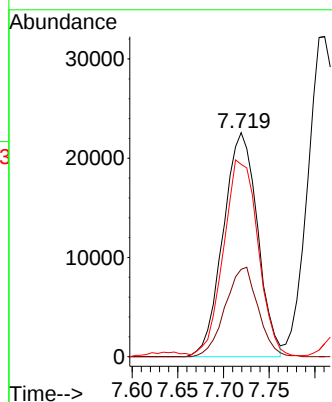
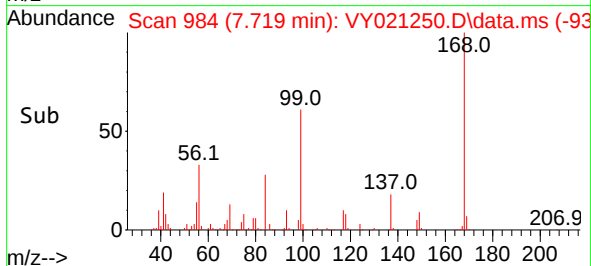


#31
Cyclohexane
Concen: 20.913 ug/l
RT: 7.719 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

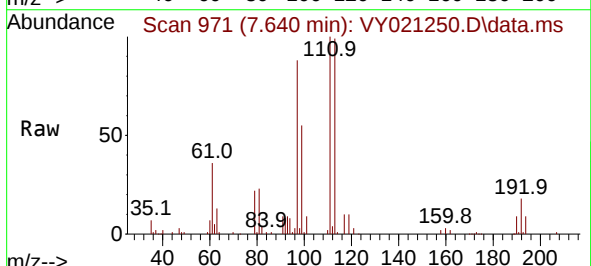
Instrument :
MSVOA_Y
ClientSampleId :



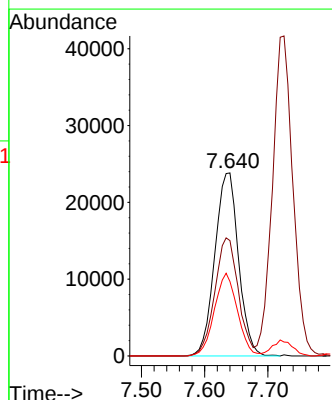
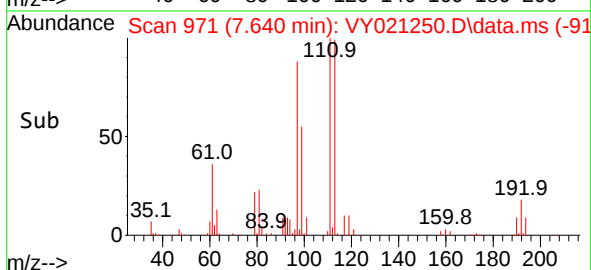
Tgt Ion: 56 Resp: 59037
Ion Ratio Lower Upper
56 100
69 39.0 27.0 40.6
84 84.5 71.8 107.6

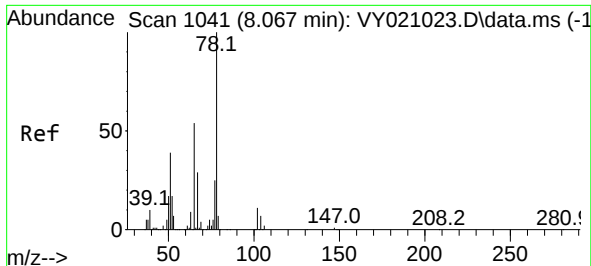


#32
1,1,1-Trichloroethane
Concen: 20.674 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27



Tgt Ion: 97 Resp: 61890
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 44.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.941 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

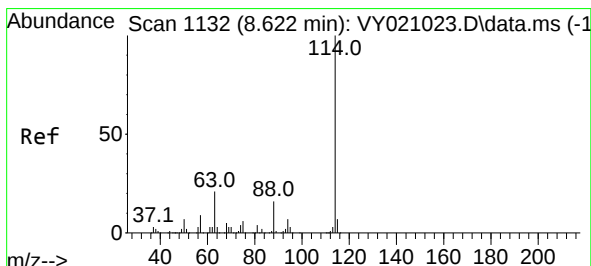
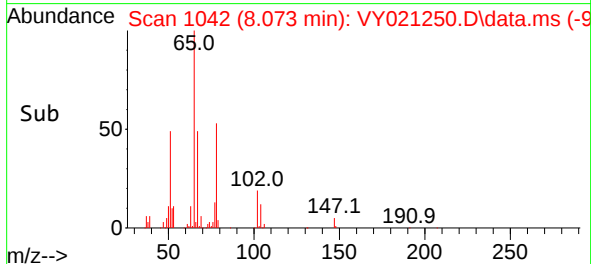
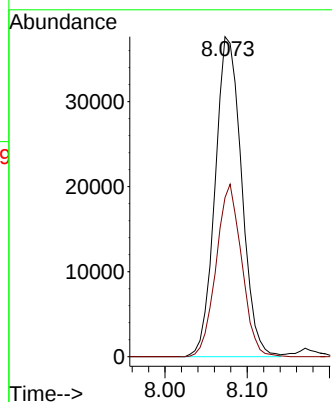
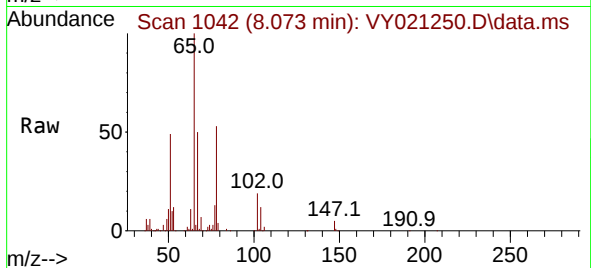
ClientSampleId :

Tgt Ion: 65 Resp: 84311

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

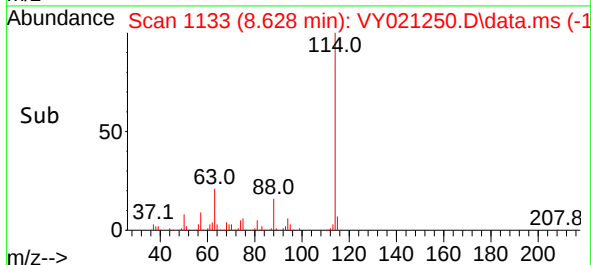
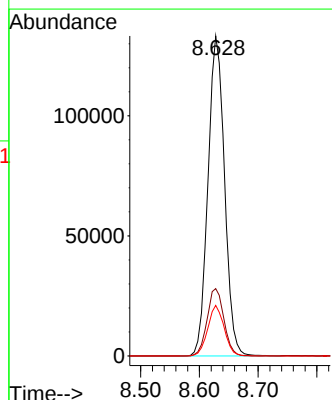
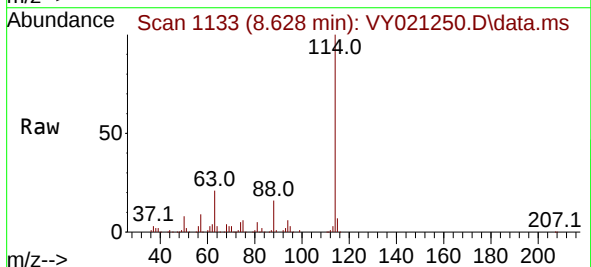
Tgt Ion: 114 Resp: 261363

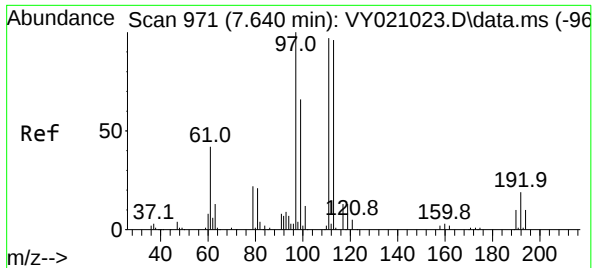
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

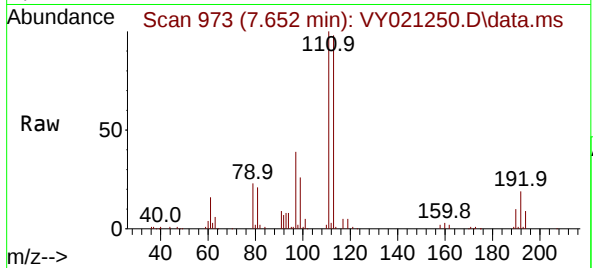
88 15.8 0.0 29.0



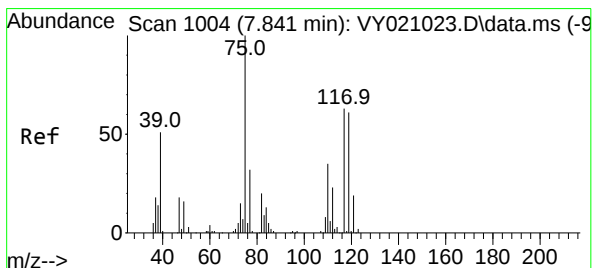
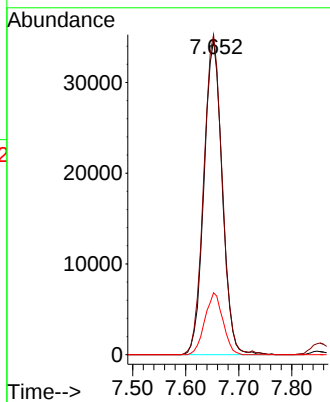
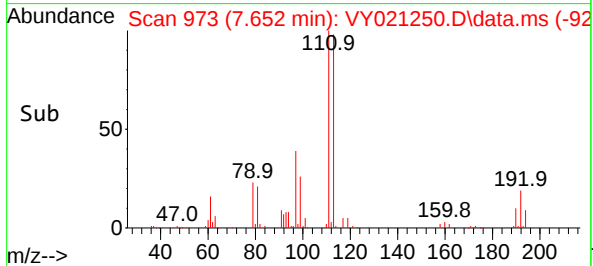


#35
 Dibromofluoromethane
 Concen: 49.366 ug/l
 RT: 7.652 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

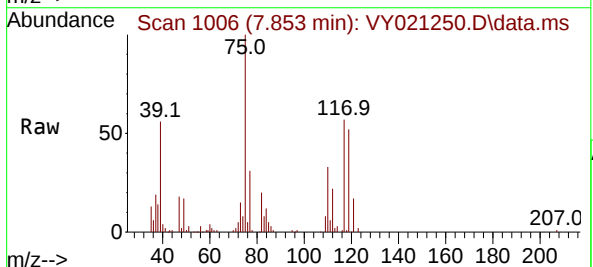
Instrument :
 MSVOA_Y
 ClientSampleId :



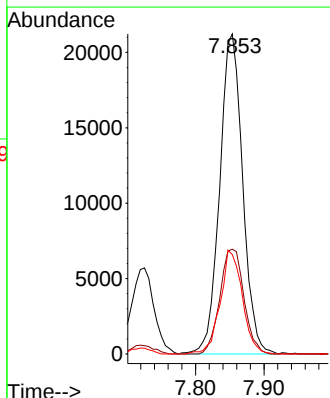
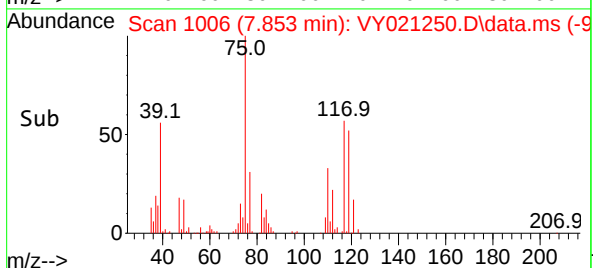
Tgt Ion:113 Resp: 82687
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.8 125.6
 192 19.5 14.5 21.7

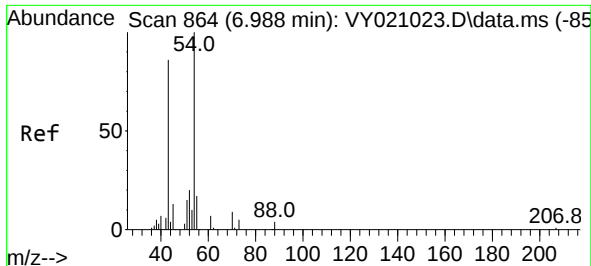


#36
 1,1-Dichloropropene
 Concen: 19.889 ug/l
 RT: 7.853 min Scan# 1006
 Delta R.T. 0.012 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27



Tgt Ion: 75 Resp: 49344
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.4 52.3
 77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 18.484 ug/l

RT: 7.006 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

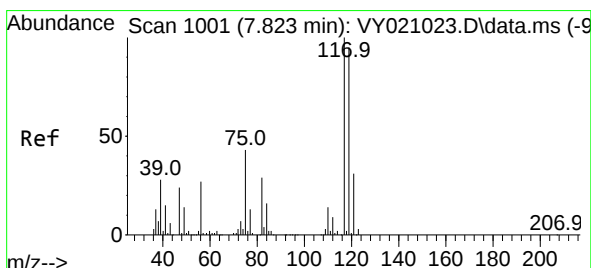
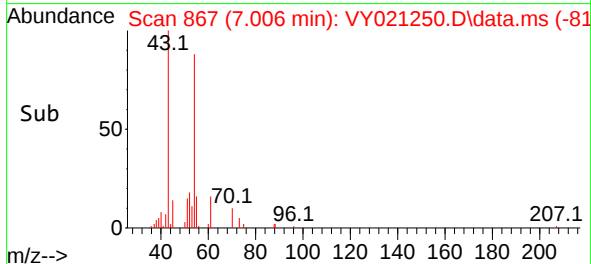
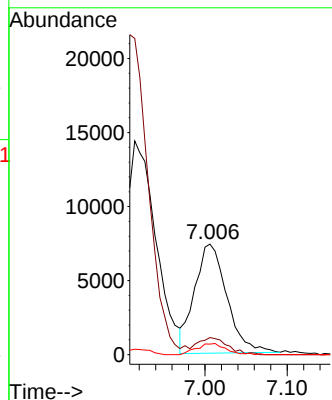
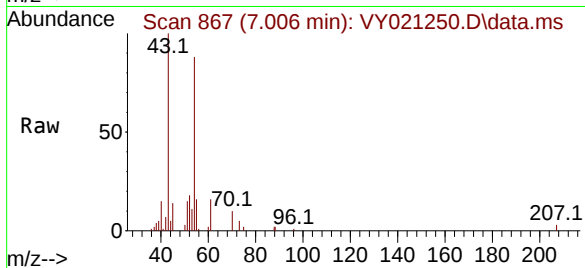
Tgt Ion: 43 Resp: 20117

Ion Ratio Lower Upper

43 100

61 14.4 11.0 16.6

70 9.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.117 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

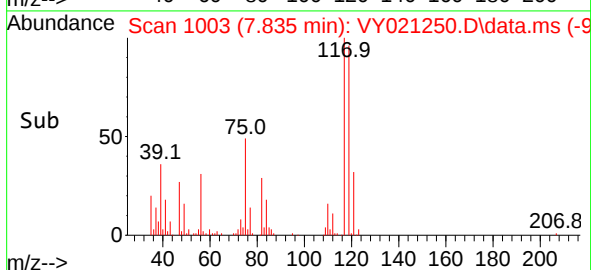
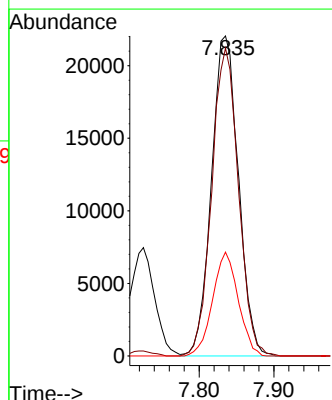
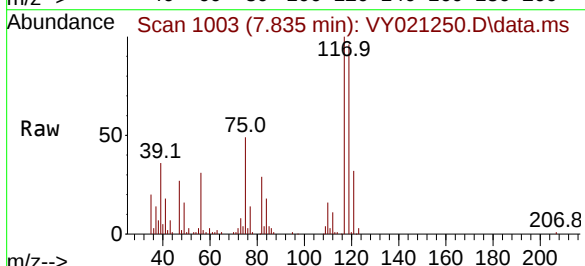
Tgt Ion: 117 Resp: 55417

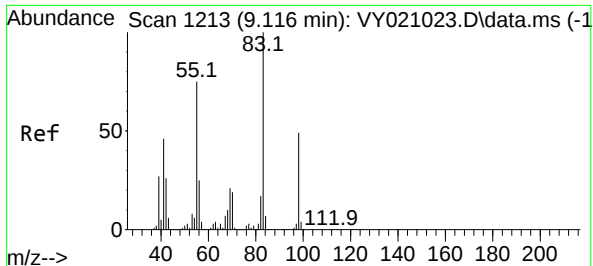
Ion Ratio Lower Upper

117 100

119 96.2 76.0 114.0

121 32.5 24.2 36.2

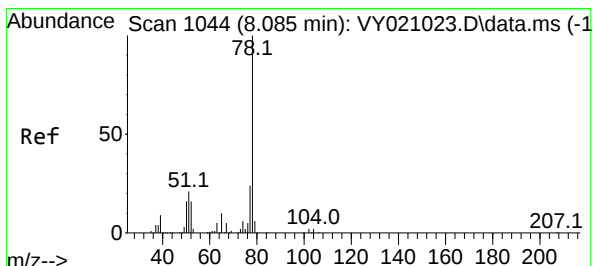
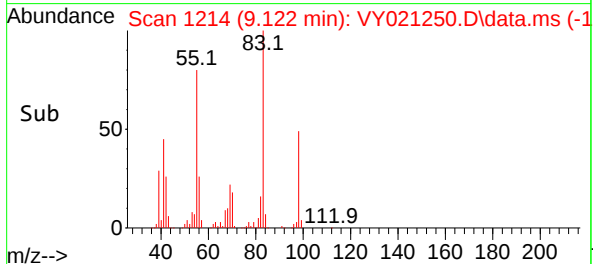
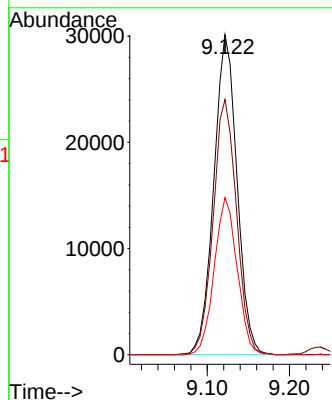
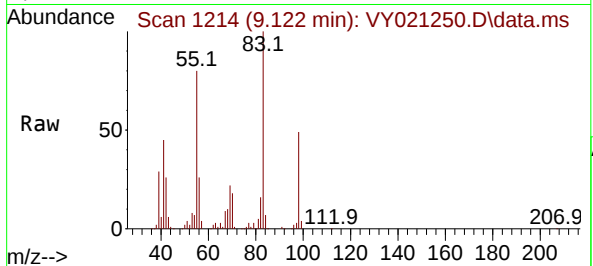




#39
Methylcyclohexane
Concen: 19.472 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

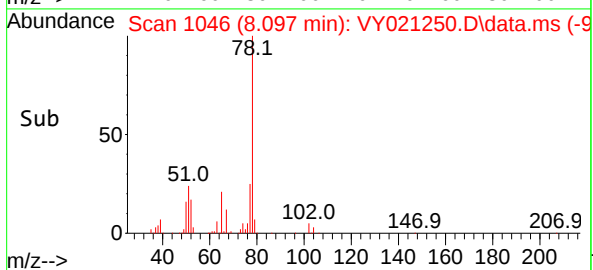
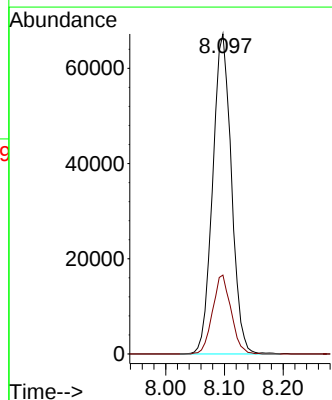
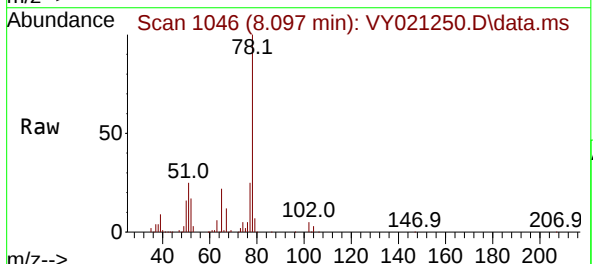
Instrument :
MSVOA_Y
ClientSampleId :

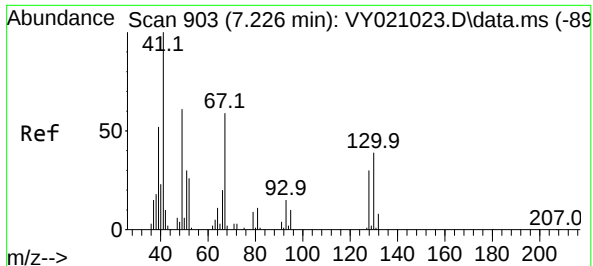
Tgt Ion: 83 Resp: 59090
Ion Ratio Lower Upper
83 100
55 79.8 59.7 89.5
98 49.1 38.0 57.0



#40
Benzene
Concen: 20.431 ug/l
RT: 8.097 min Scan# 1046
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 78 Resp: 148751
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2

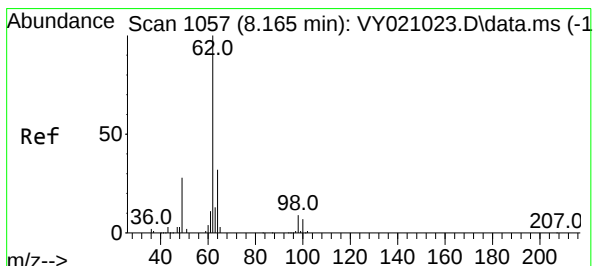
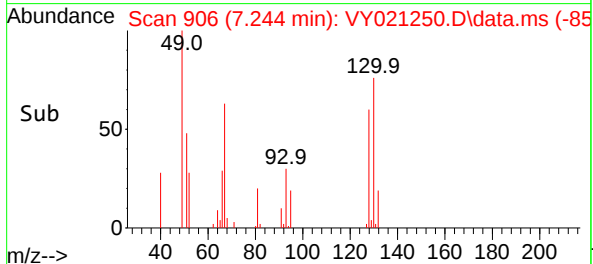
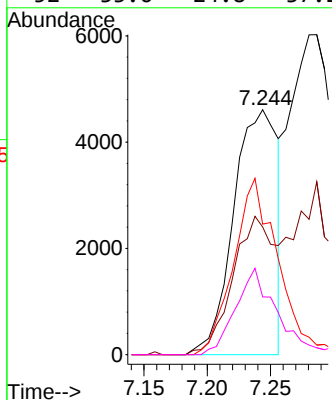
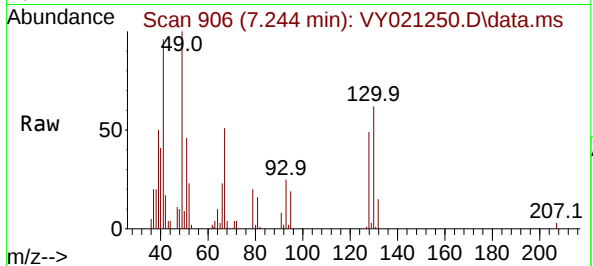




#41
Methacrylonitrile
Concen: 17.702 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

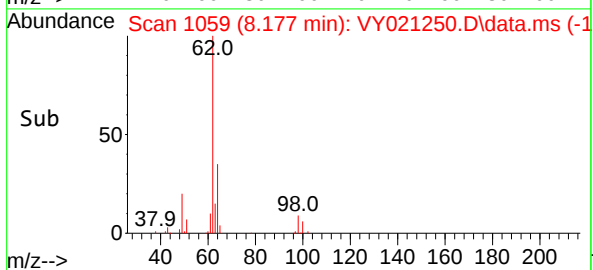
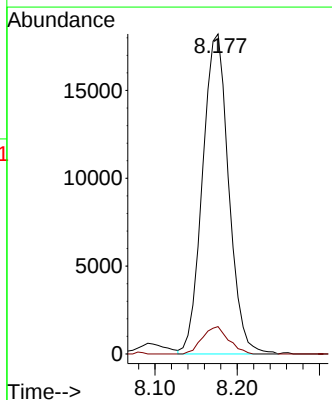
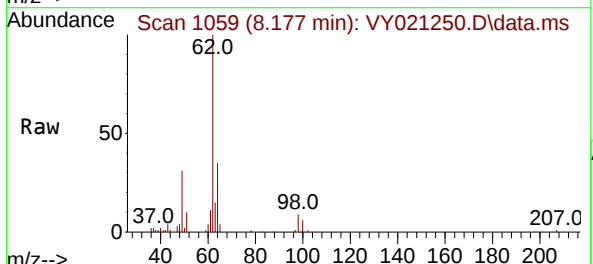
Instrument :
MSVOA_Y
ClientSampleId :

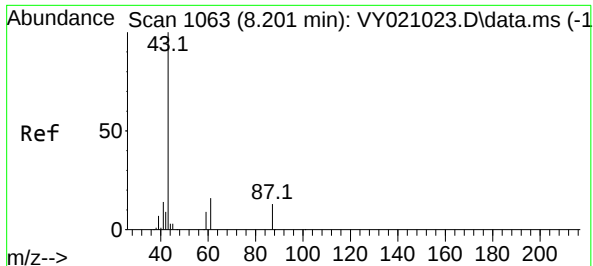
Tgt Ion:	41	Resp:	11146
Ion	Ratio	Lower	Upper
41	100		
39	54.4	41.9	62.9
67	73.5	59.8	89.6
52	33.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:	62	Resp:	40291
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.415 ug/l

RT: 8.213 min Scan# 1065

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

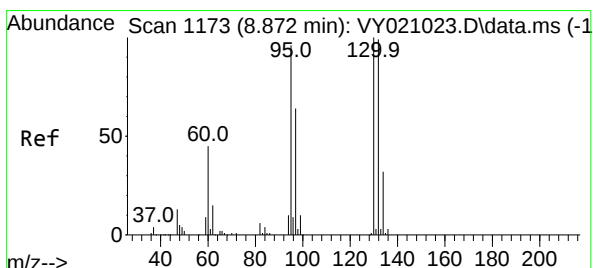
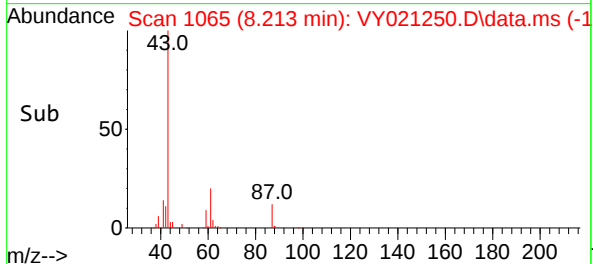
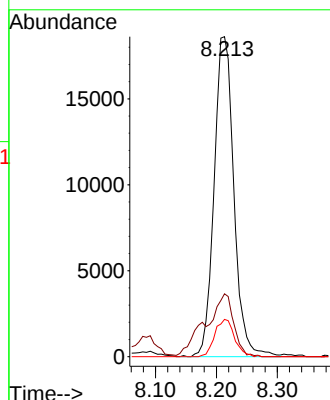
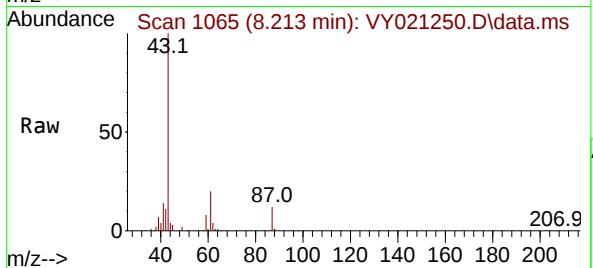
Tgt Ion: 43 Resp: 41987

Ion Ratio Lower Upper

43 100

61 19.9 24.8 37.2#

87 11.7 10.7 16.1



#44

Trichloroethene

Concen: 19.463 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY021250.D

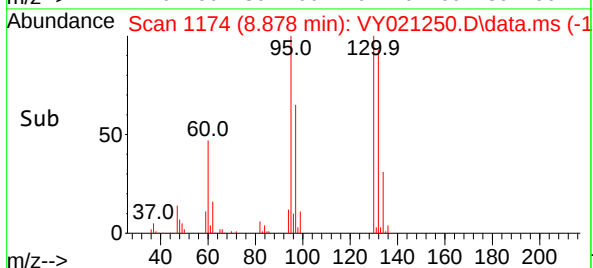
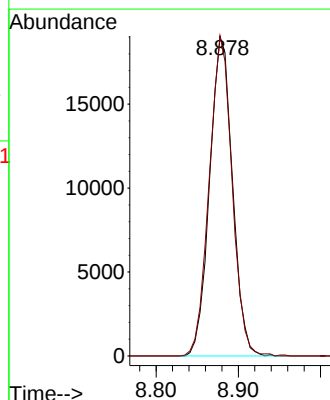
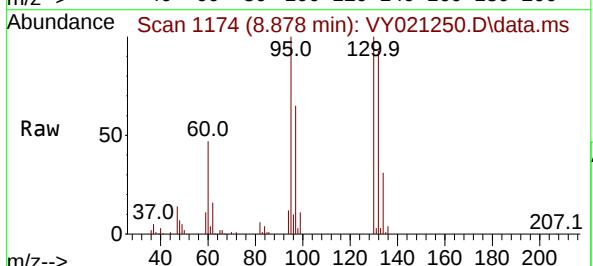
Acq: 20 Feb 2025 15:27

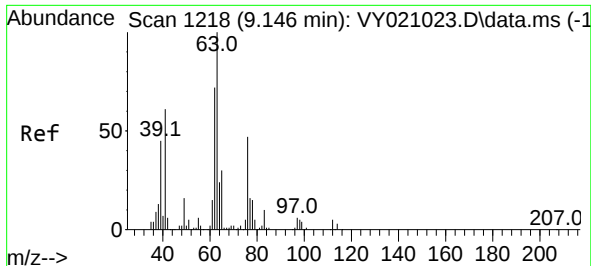
Tgt Ion:130 Resp: 36611

Ion Ratio Lower Upper

130 100

95 100.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.509 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

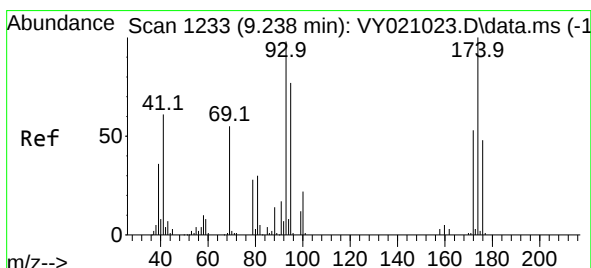
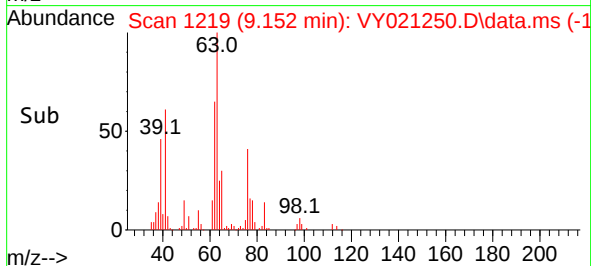
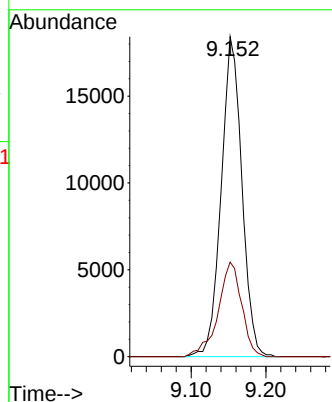
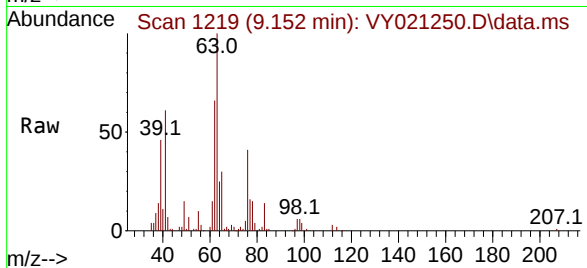
ClientSampleId :

Tgt Ion: 63 Resp: 35442

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8



#46

Dibromomethane

Concen: 18.972 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

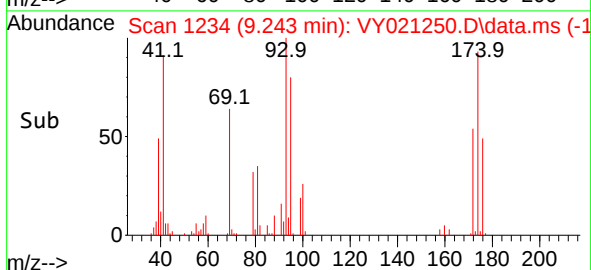
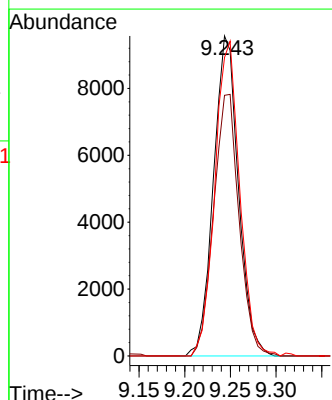
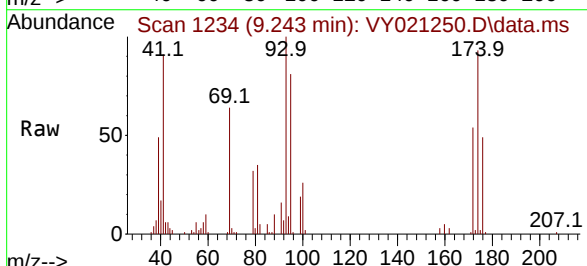
Tgt Ion: 93 Resp: 18152

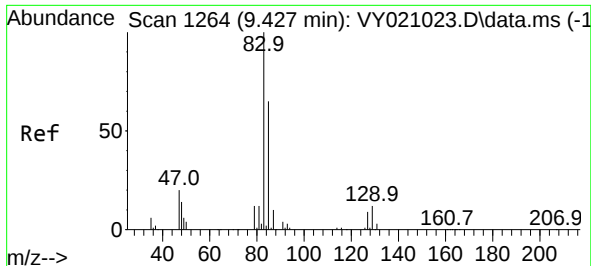
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 97.9 73.8 110.6

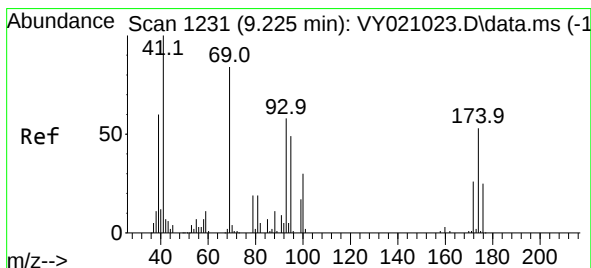
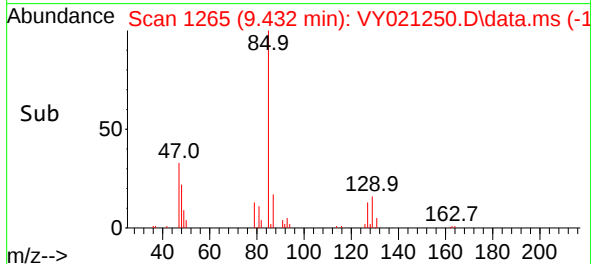
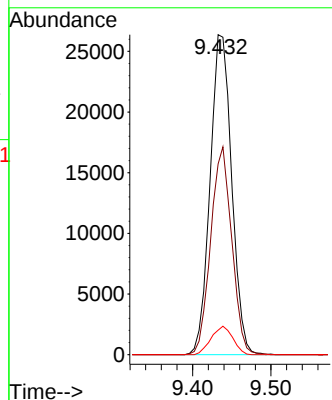
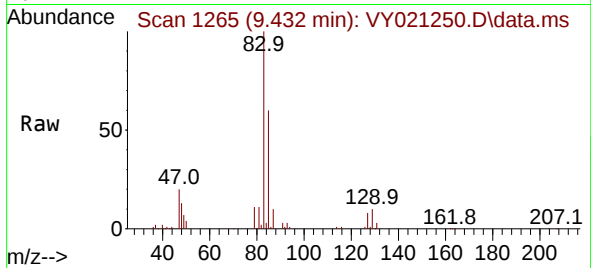




#47
Bromodichloromethane
Concen: 19.661 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

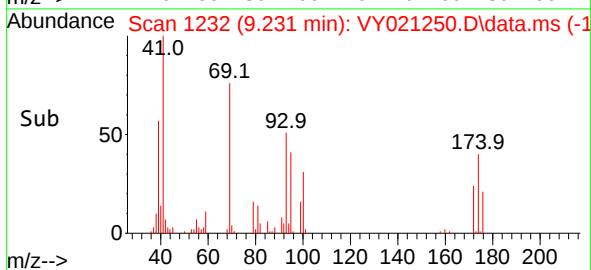
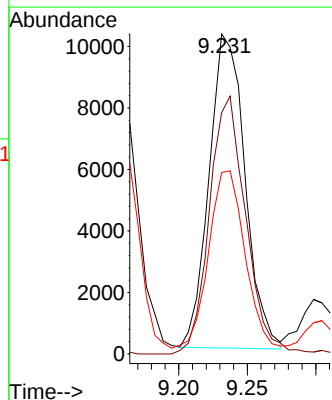
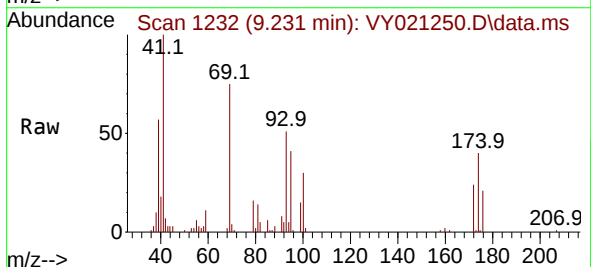
Instrument :
MSVOA_Y
ClientSampleId :

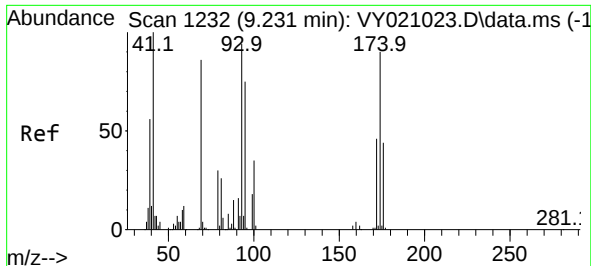
Tgt Ion: 83 Resp: 50451
Ion Ratio Lower Upper
83 100
85 59.6 53.2 79.8
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 18.907 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 41 Resp: 18625
Ion Ratio Lower Upper
41 100
69 83.3 72.1 108.1
39 57.2 42.8 64.2





#49

1,4-Dioxane

Concen: 380.146 ug/l

RT: 9.262 min Scan# 11

Delta R.T. 0.030 min

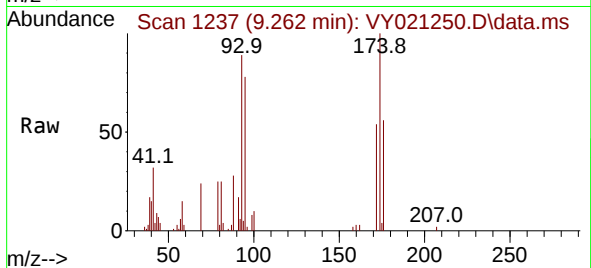
Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :



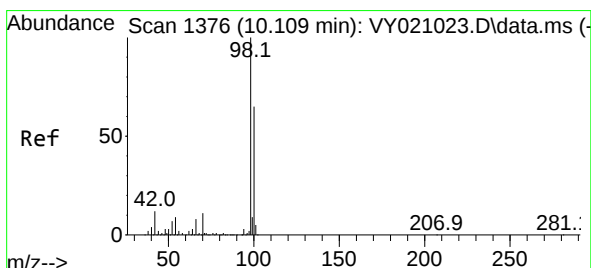
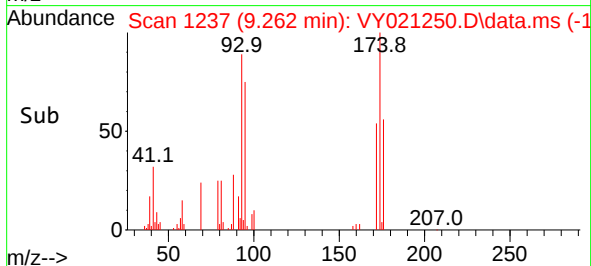
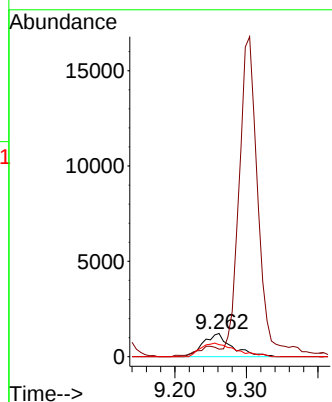
Tgt Ion: 88 Resp: 3386

Ion Ratio Lower Upper

88 100

43 34.2 28.2 42.4

58 70.7 52.2 78.2



#50

Toluene-d8

Concen: 48.331 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY021250.D

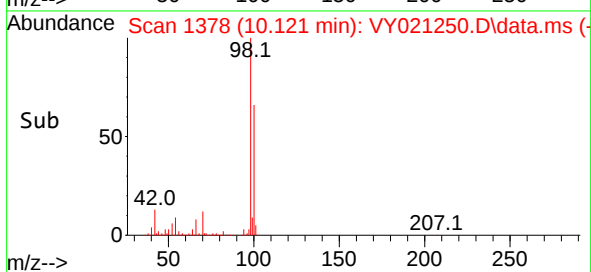
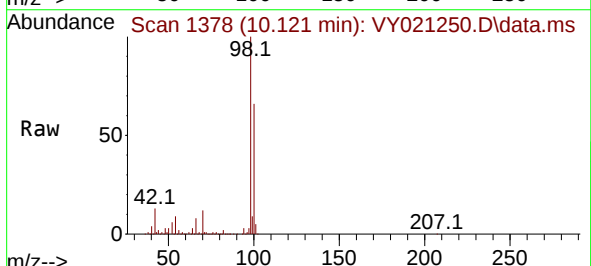
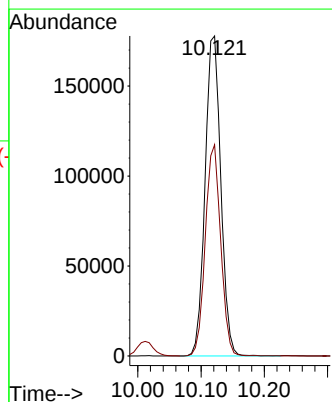
Acq: 20 Feb 2025 15:27

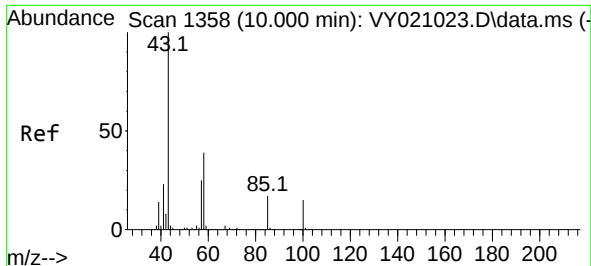
Tgt Ion: 98 Resp: 308198

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5

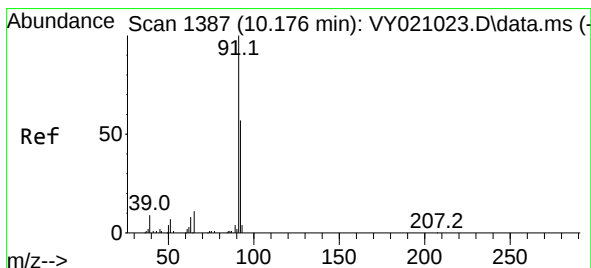
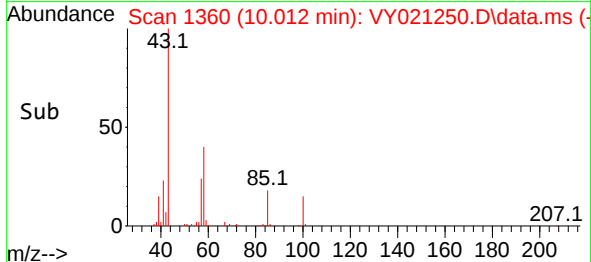
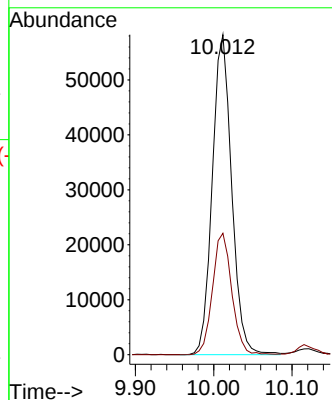
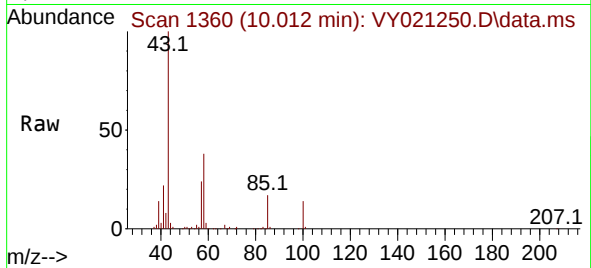




#51
4-Methyl-2-Pentanone
Concen: 91.989 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

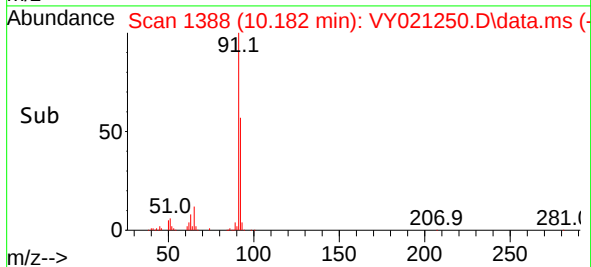
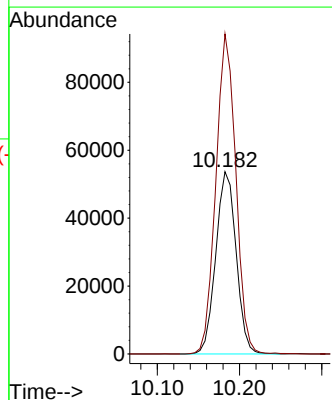
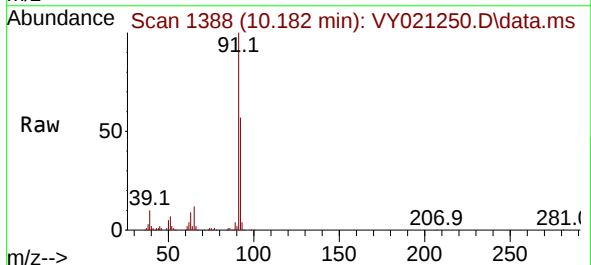
Instrument :
MSVOA_Y
ClientSampleId :

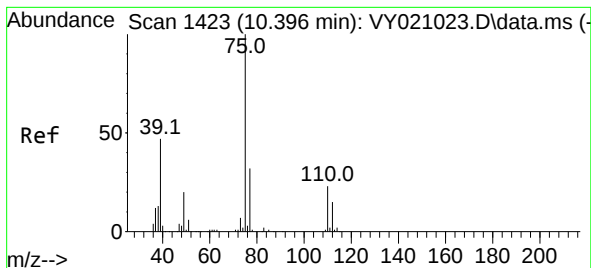
Tgt Ion: 43 Resp: 100039
Ion Ratio Lower Upper
43 100
58 37.8 32.2 48.2



#52
Toluene
Concen: 20.226 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 92 Resp: 92464
Ion Ratio Lower Upper
92 100
91 172.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.005 ug/l

RT: 10.408 min Scan# 1423

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

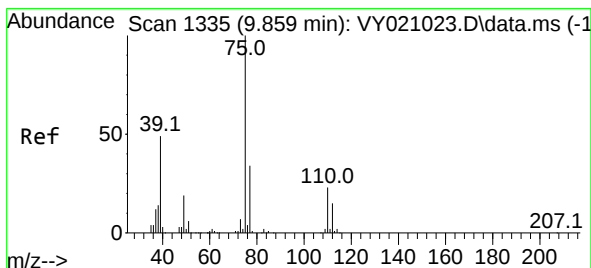
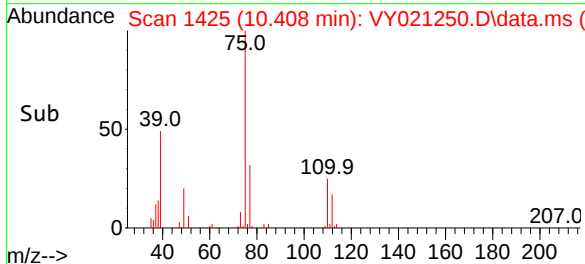
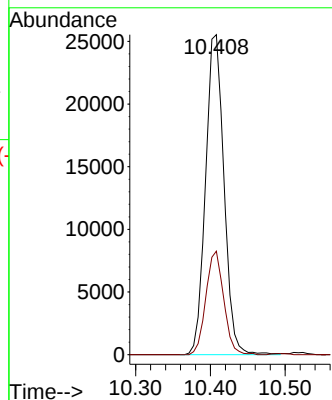
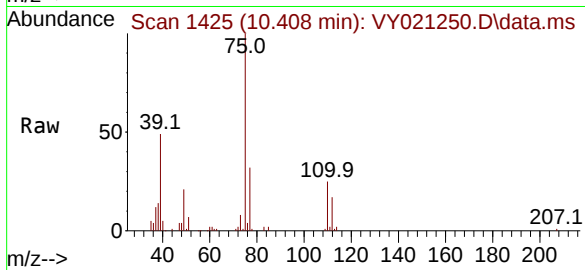
ClientSampleId :

Tgt Ion: 75 Resp: 43790

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.528 ug/l

RT: 9.871 min Scan# 1337

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

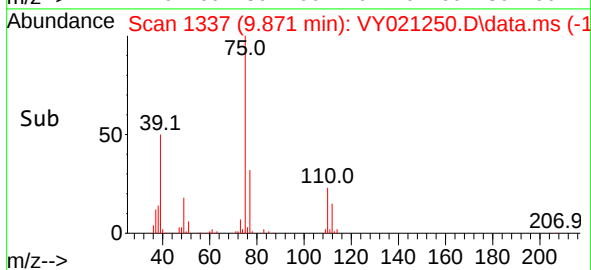
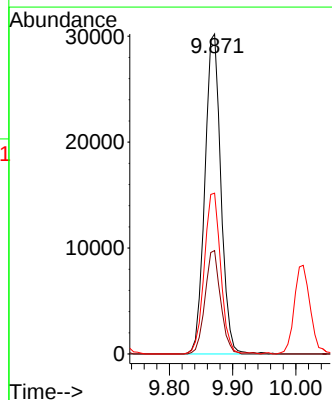
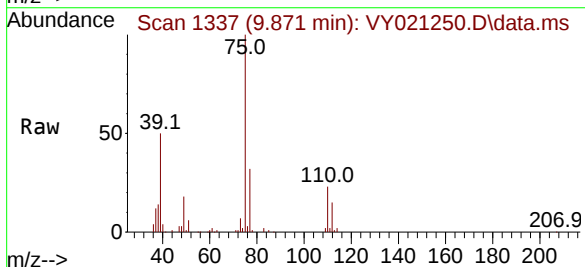
Tgt Ion: 75 Resp: 53275

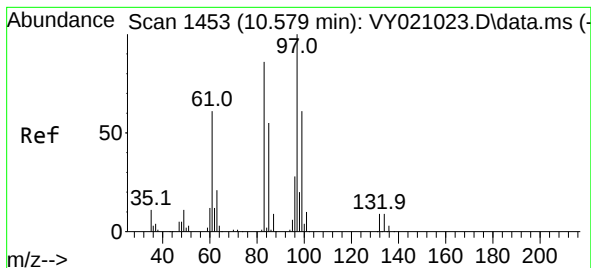
Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

39 50.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 19.512 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24175

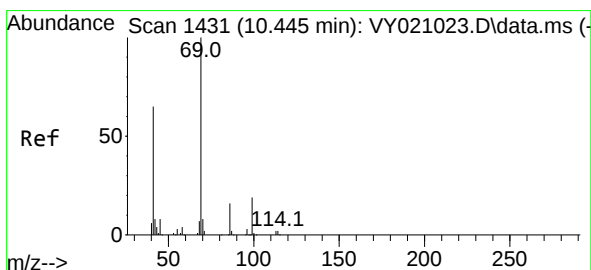
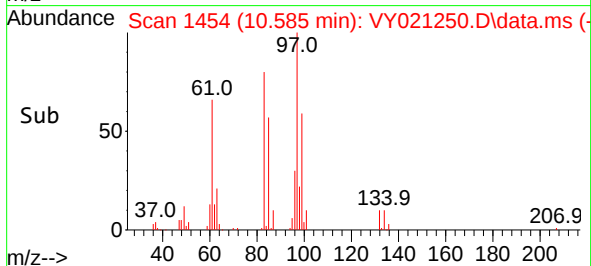
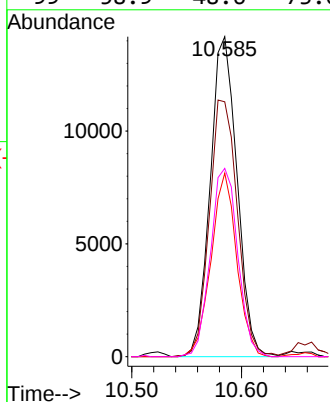
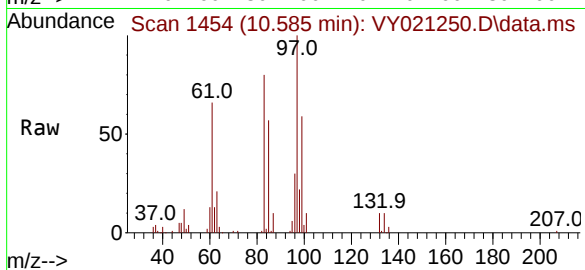
Ion Ratio Lower Upper

97 100

83 79.3 69.4 104.2

85 57.3 43.9 65.9

99 58.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.218 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

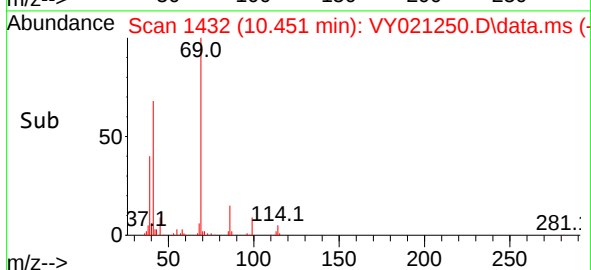
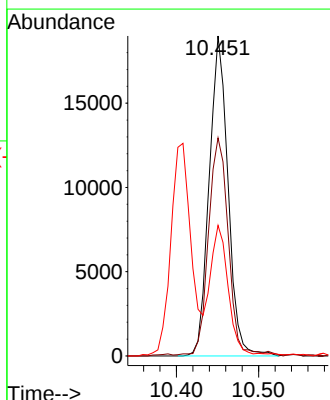
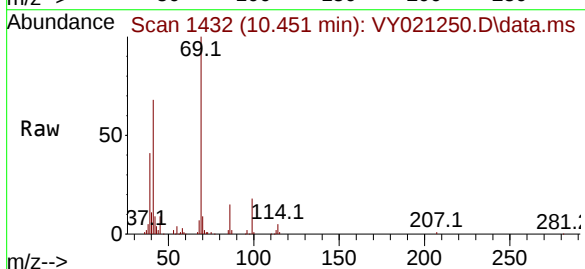
Tgt Ion: 69 Resp: 30197

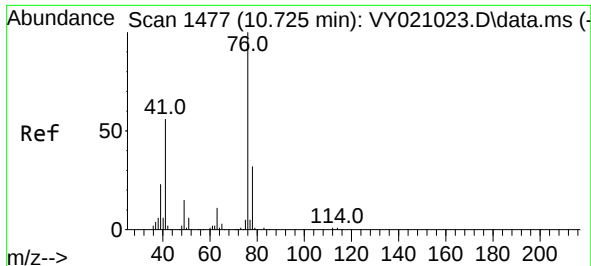
Ion Ratio Lower Upper

69 100

41 72.4 49.2 73.8

39 38.4 26.8 40.2





#57

1,3-Dichloropropane

Concen: 19.521 ug/l

RT: 10.731 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

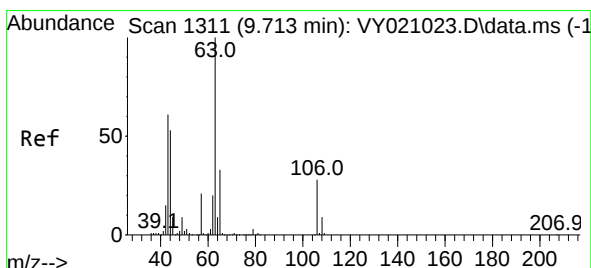
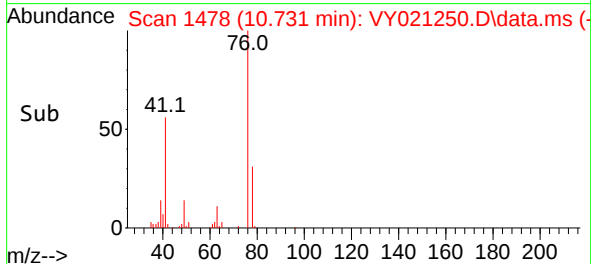
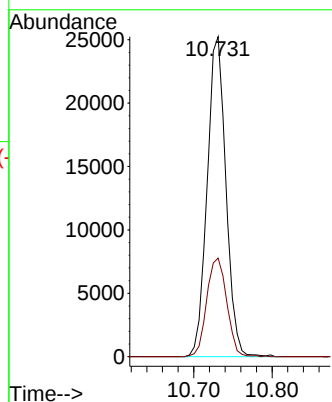
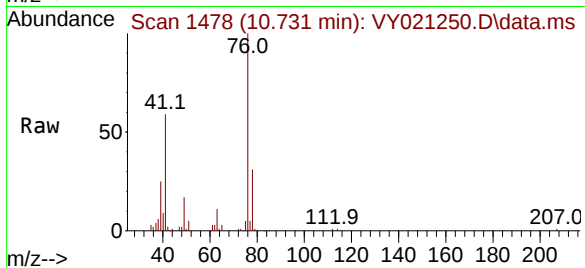
ClientSampleId :

Tgt Ion: 76 Resp: 41863

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 87.576 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY021250.D

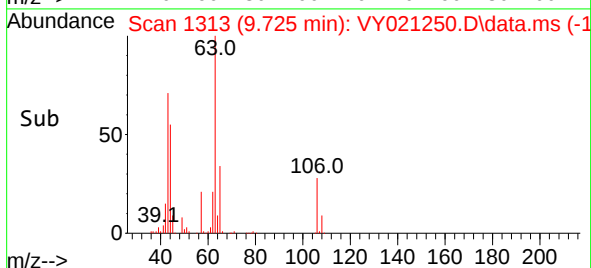
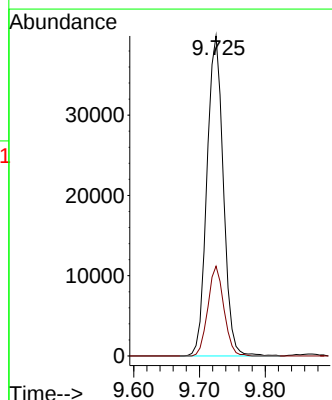
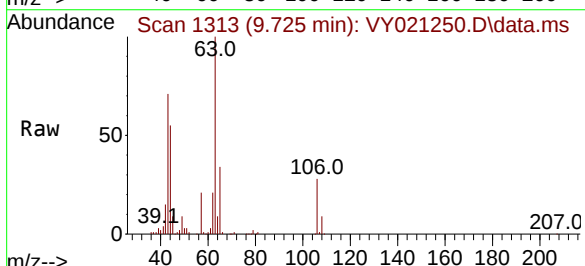
Acq: 20 Feb 2025 15:27

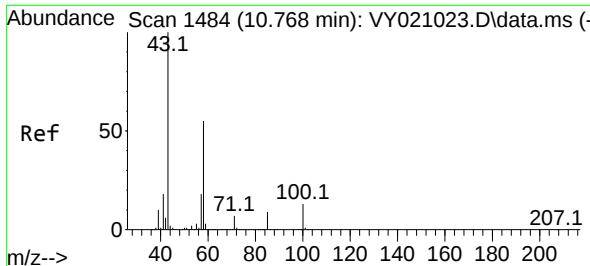
Tgt Ion: 63 Resp: 69058

Ion Ratio Lower Upper

63 100

106 27.4 22.4 33.6

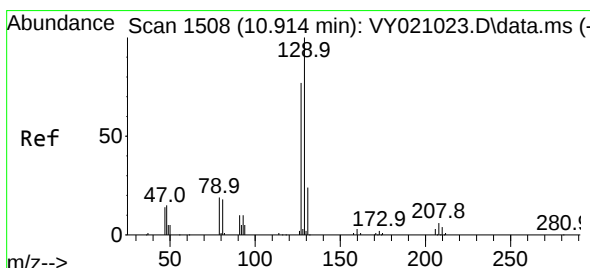
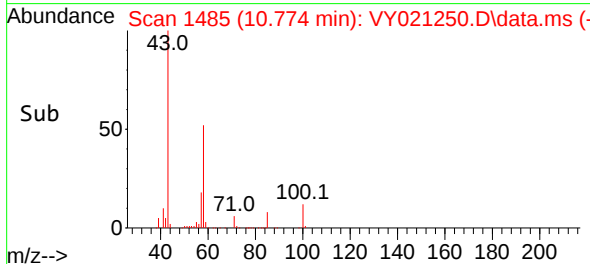
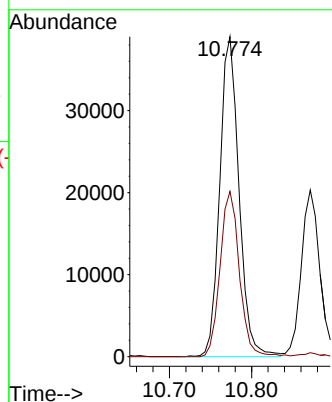
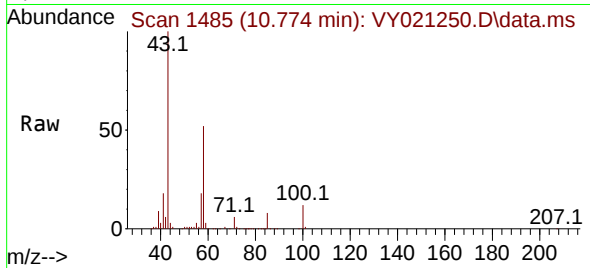




#59
2-Hexanone
Concen: 90.488 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

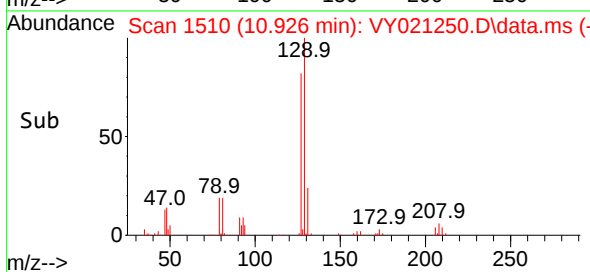
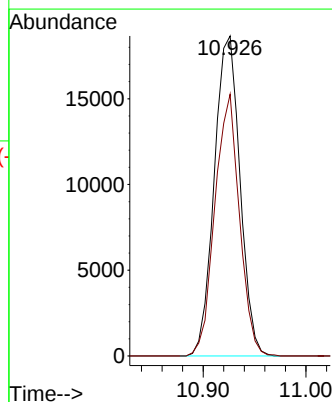
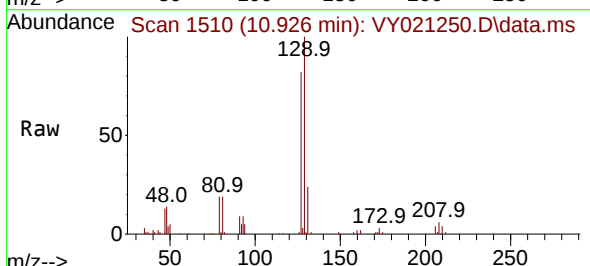
Instrument :
MSVOA_Y
ClientSampleId :

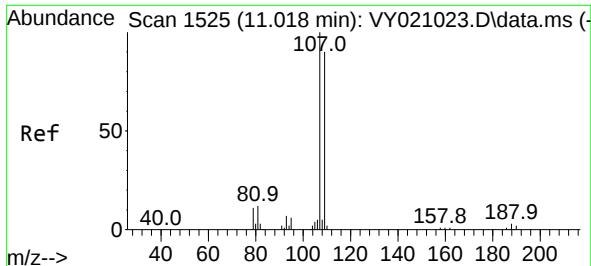
Tgt Ion: 43 Resp: 63360
Ion Ratio Lower Upper
43 100
58 52.0 28.1 84.3



#60
Dibromochloromethane
Concen: 18.638 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 129 Resp: 32430
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6

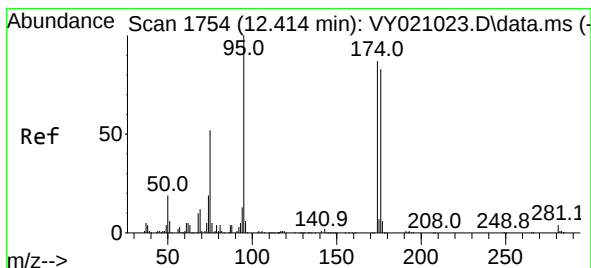
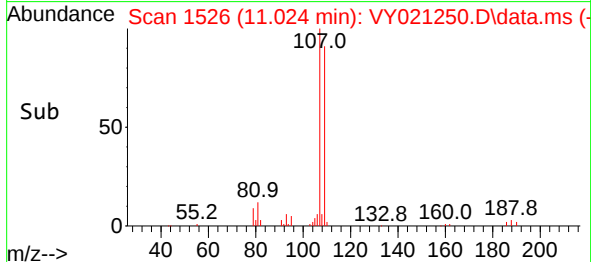
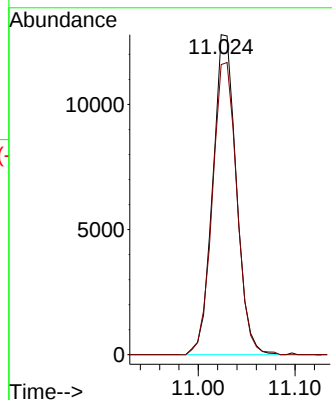
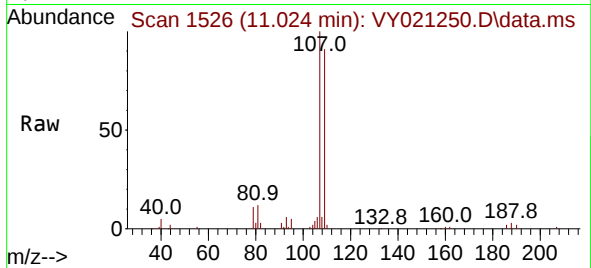




#61
1,2-Dibromoethane
Concen: 18.602 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

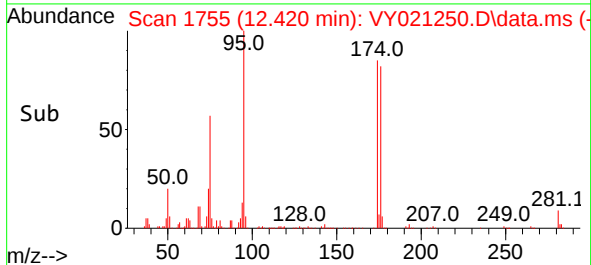
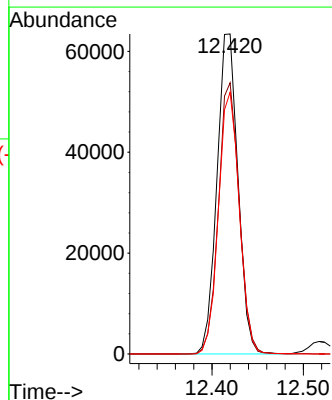
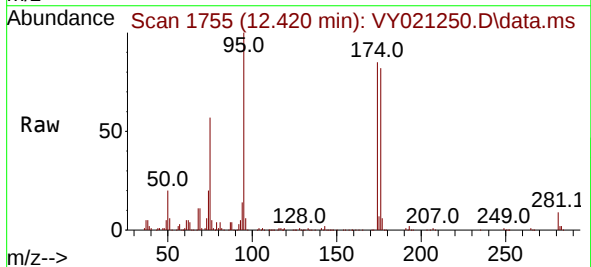
Instrument :
MSVOA_Y
ClientSampleId :

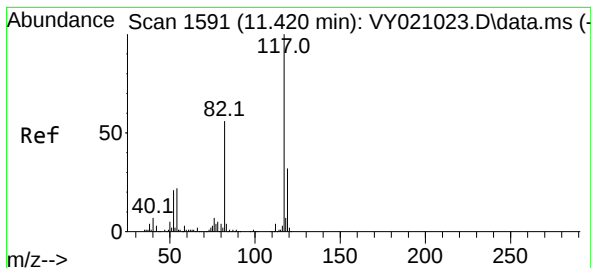
Tgt Ion:107 Resp: 21588
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.770 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 95 Resp: 101602
Ion Ratio Lower Upper
95 100
174 83.7 0.0 160.0
176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

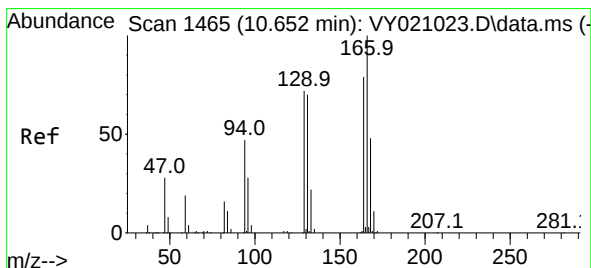
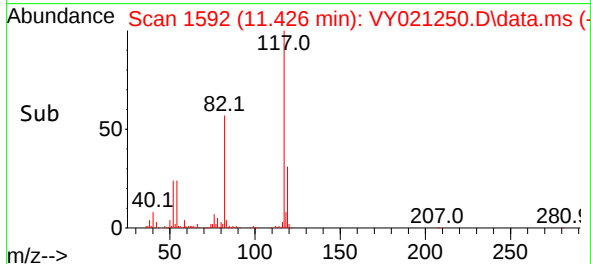
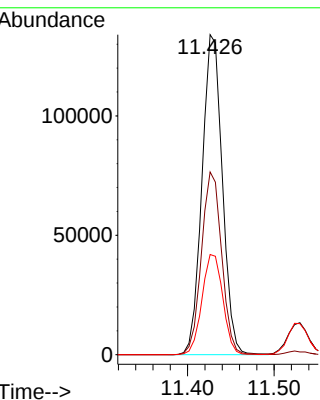
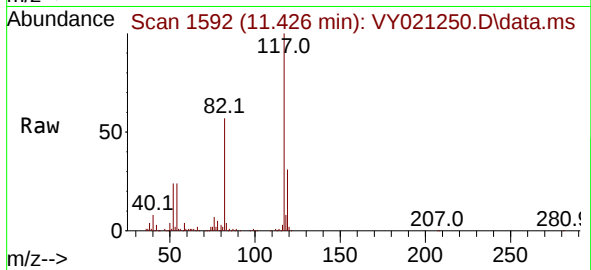
Tgt Ion:117 Resp: 218672

Ion Ratio Lower Upper

117 100

82 57.1 43.8 65.8

119 31.3 26.5 39.7



#64

Tetrachloroethene

Concen: 19.500 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion:164 Resp: 31654

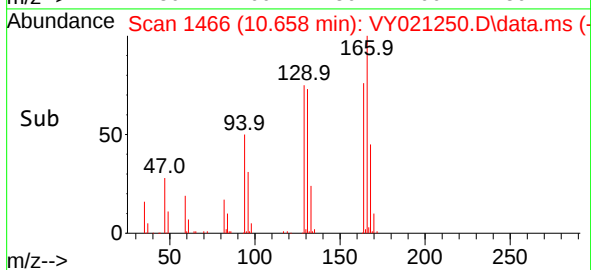
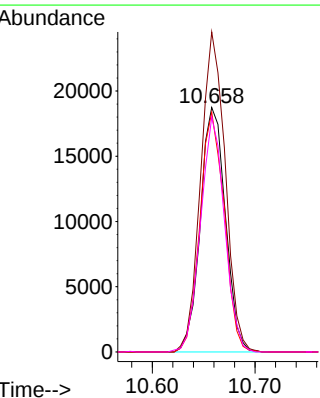
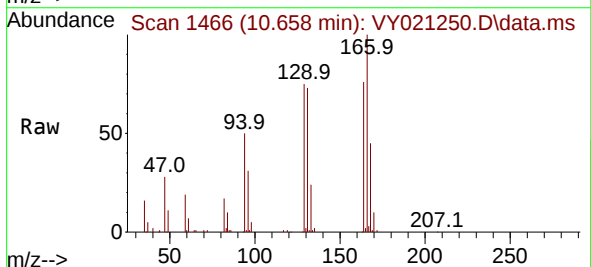
Ion Ratio Lower Upper

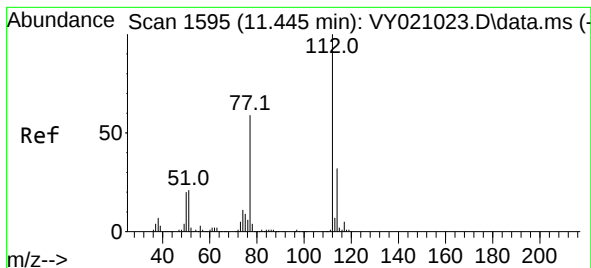
164 100

166 130.9 98.8 148.2

129 98.0 78.9 118.3

131 96.1 72.5 108.7





#65

Chlorobenzene

Concen: 19.739 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

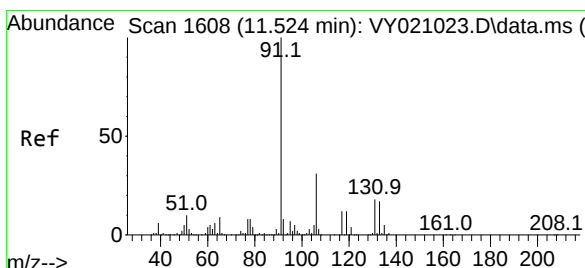
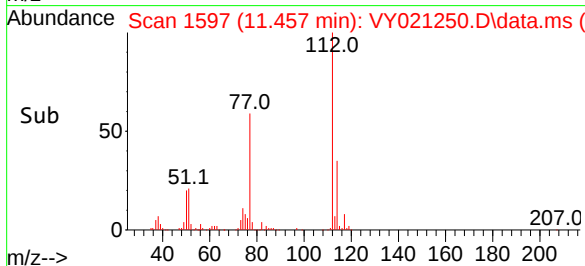
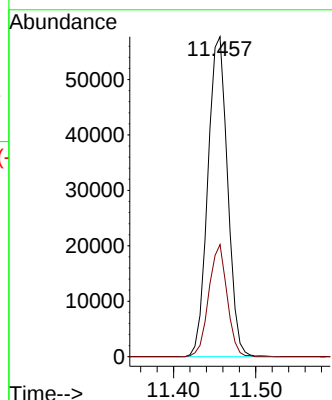
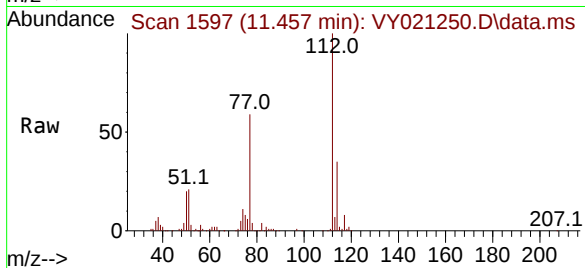
ClientSampleId :

Tgt Ion:112 Resp: 96110

Ion Ratio Lower Upper

112 100

114 35.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.410 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

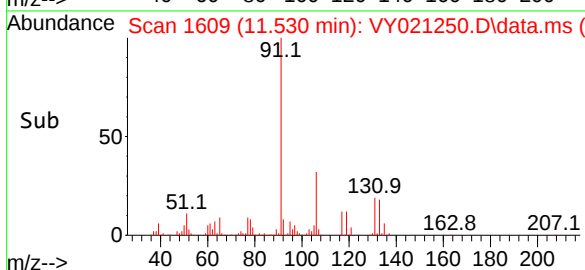
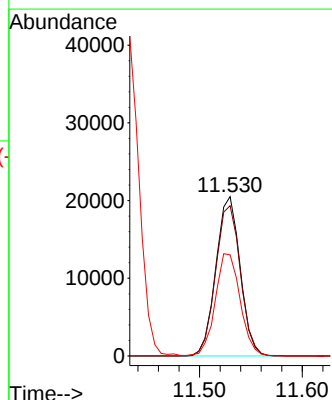
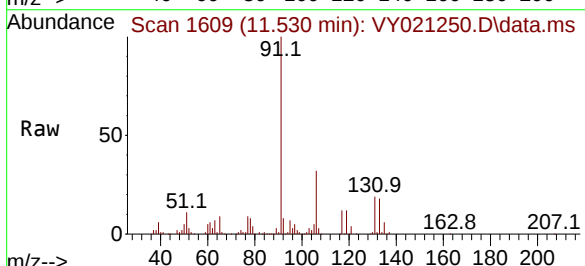
Tgt Ion:131 Resp: 33586

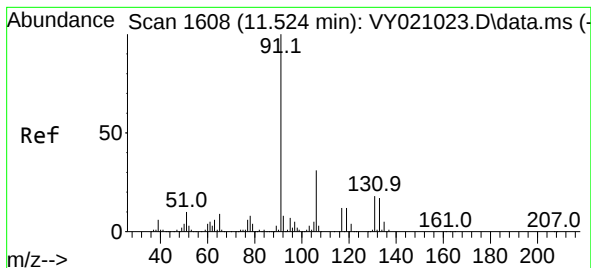
Ion Ratio Lower Upper

131 100

133 96.5 47.0 141.0

119 65.6 33.3 99.9





#67

Ethyl Benzene

Concen: 19.749 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

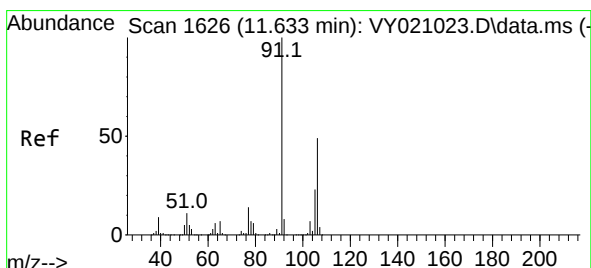
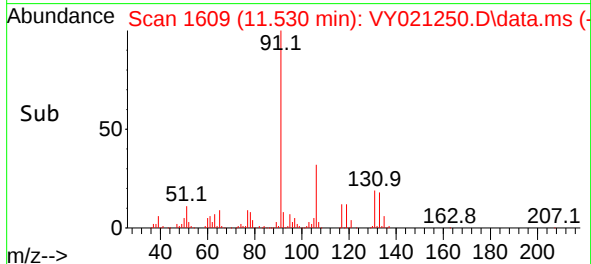
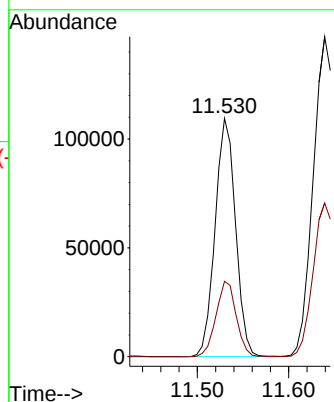
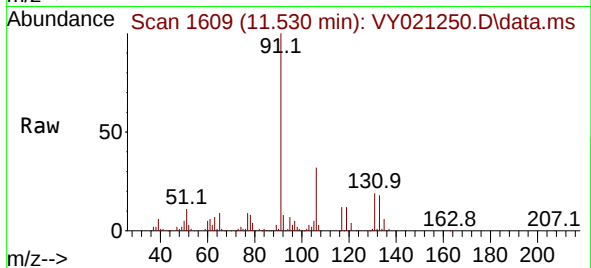
ClientSampleId :

Tgt Ion: 91 Resp: 170084

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 40.223 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021250.D

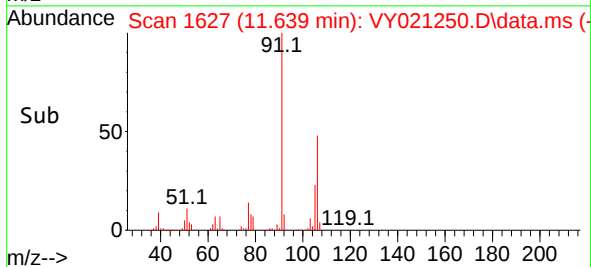
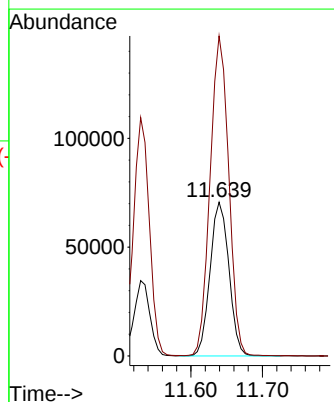
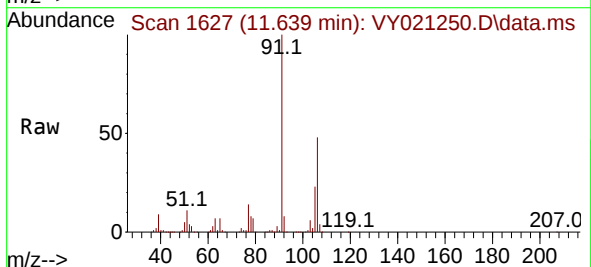
Acq: 20 Feb 2025 15:27

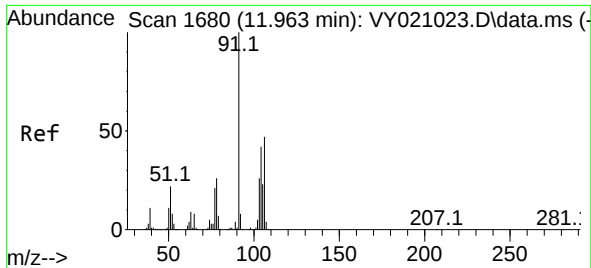
Tgt Ion:106 Resp: 129589

Ion Ratio Lower Upper

106 100

91 205.4 160.7 241.1

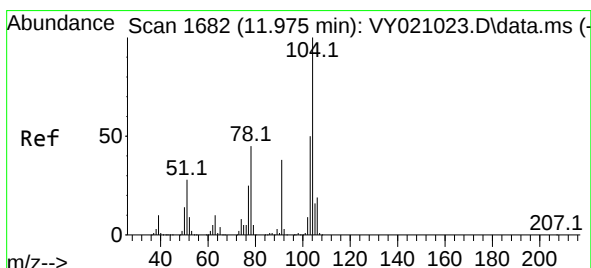
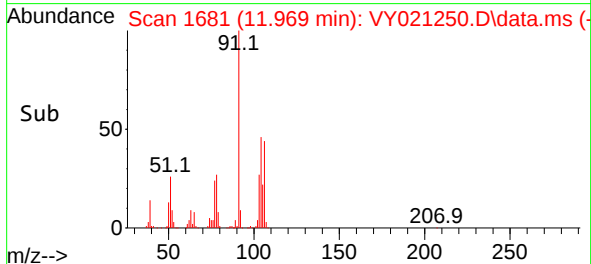
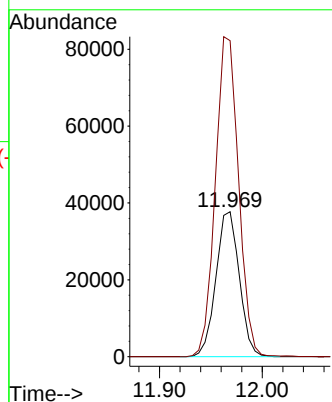
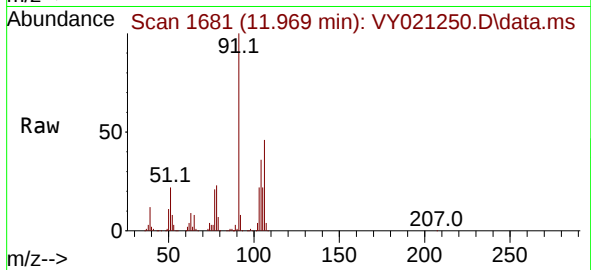




#69
o-Xylene
Concen: 19.781 ug/l
RT: 11.969 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

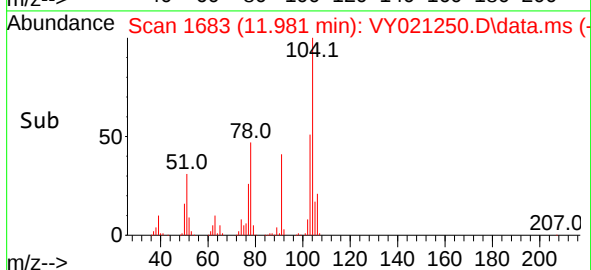
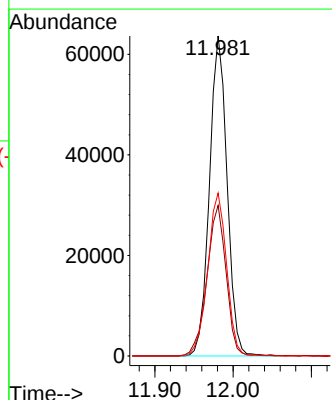
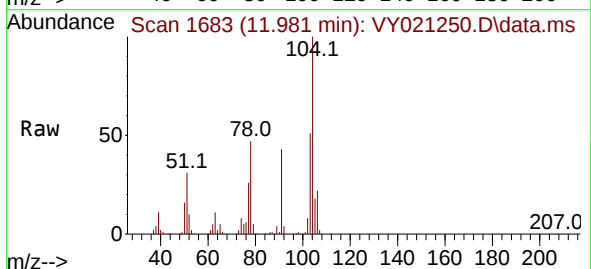
Instrument :
MSVOA_Y
ClientSampleId :

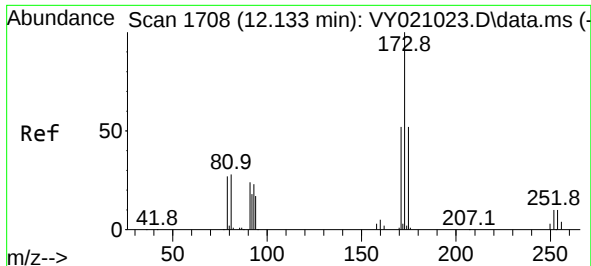
Tgt Ion:106 Resp: 59416
Ion Ratio Lower Upper
106 100
91 219.9 106.5 319.5



#70
Styrene
Concen: 19.883 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:104 Resp: 99544
Ion Ratio Lower Upper
104 100
78 51.1 39.2 58.8
103 54.6 43.8 65.6

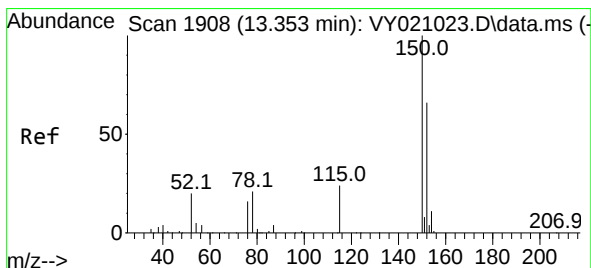
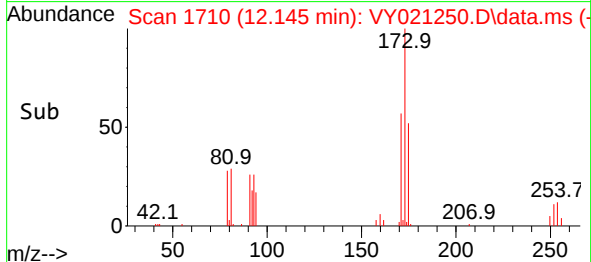
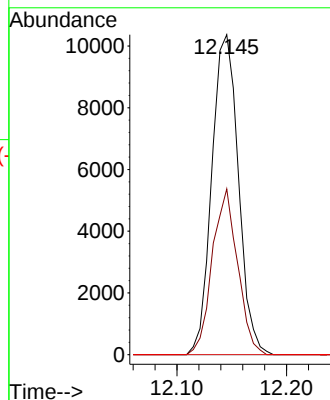
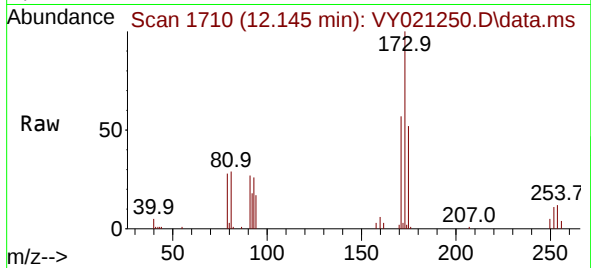




#71
Bromoform
Concen: 18.147 ug/l
RT: 12.145 min Scan# 1708
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

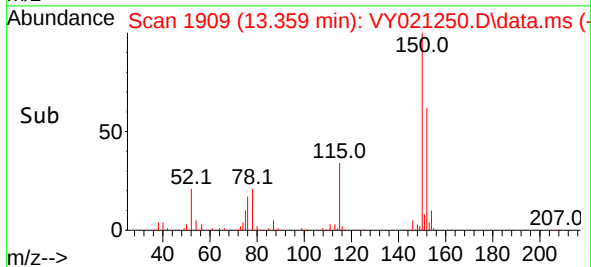
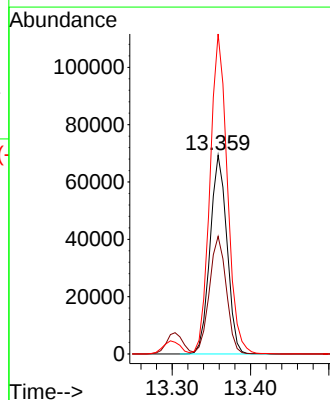
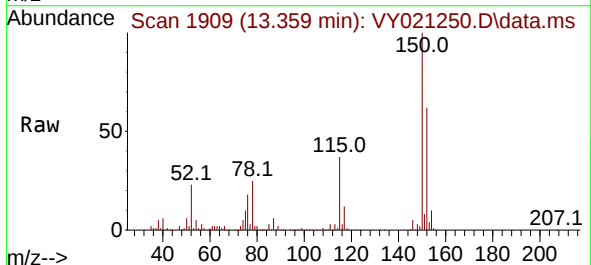
Instrument :
MSVOA_Y
ClientSampleId :

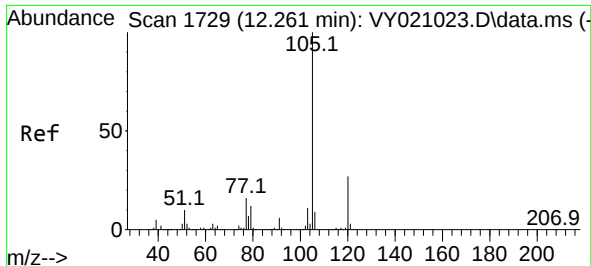
Tgt Ion:173 Resp: 17478
Ion Ratio Lower Upper
173 100
175 49.3 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:152 Resp: 103741
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 165.7 0.0 344.6

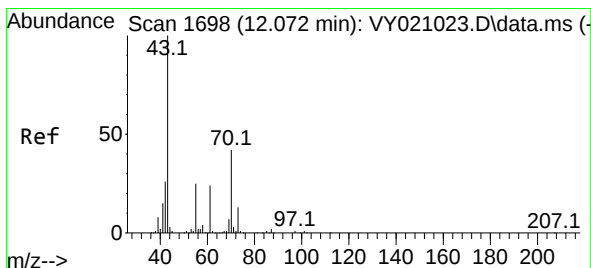
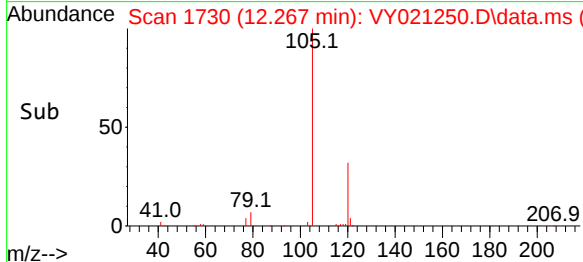
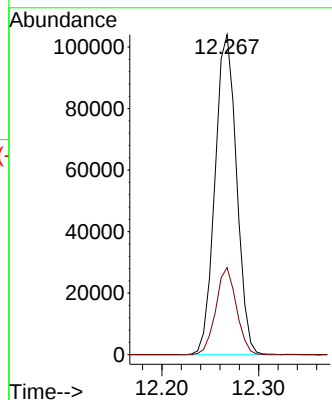
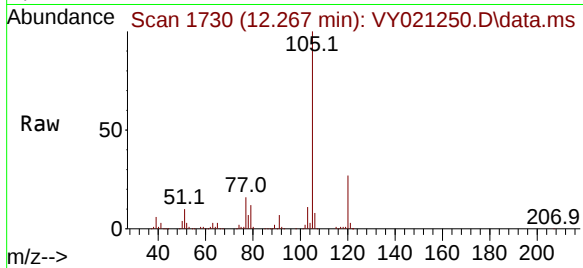




#73
Isopropylbenzene
Concen: 19.850 ug/l
RT: 12.267 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

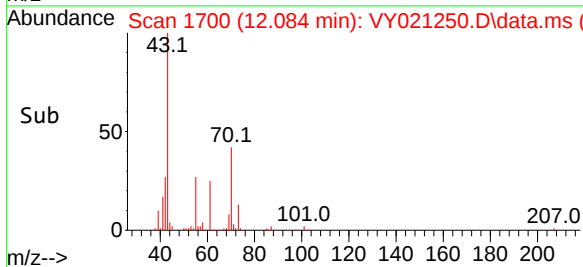
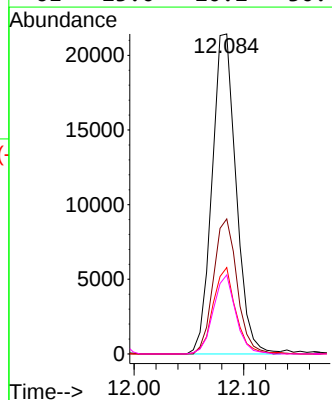
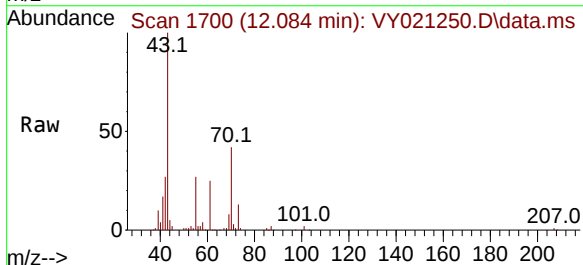
Instrument :
MSVOA_Y
ClientSampleId :

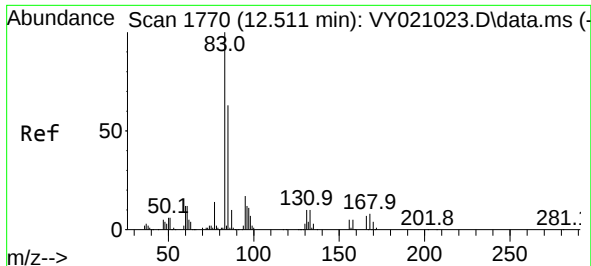
Tgt Ion:105 Resp: 160857
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 18.494 ug/l
RT: 12.084 min Scan# 1700
Delta R.T. 0.012 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 43 Resp: 32765
Ion Ratio Lower Upper
43 100
70 41.5 36.6 55.0
55 25.5 22.2 33.4
61 23.0 20.2 30.4

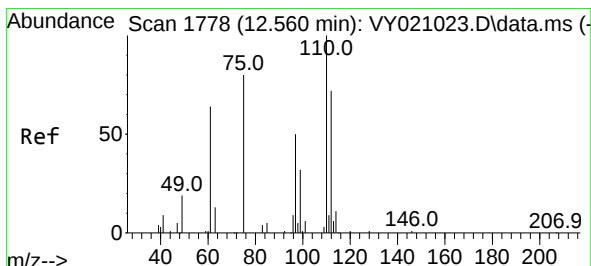
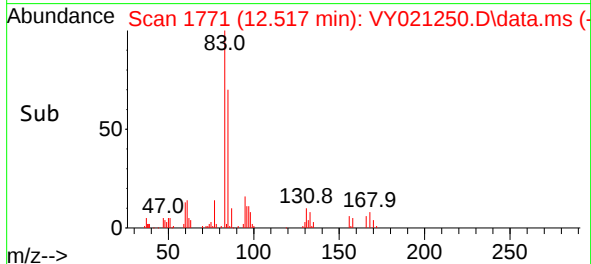
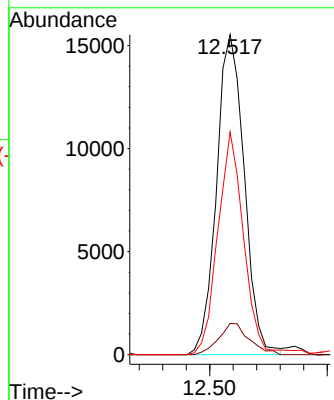
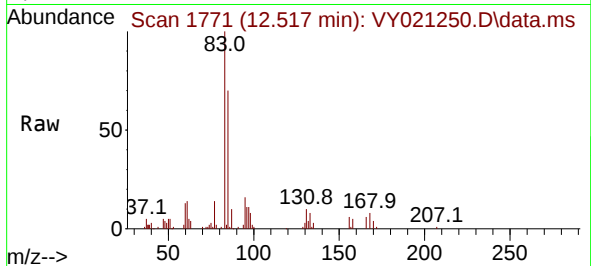




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.895 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

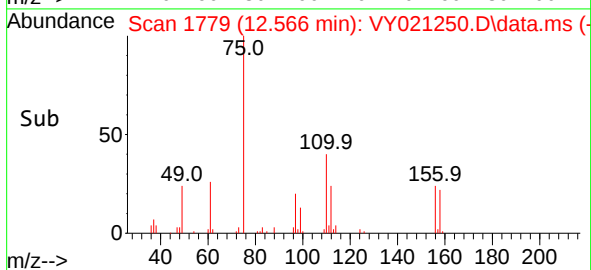
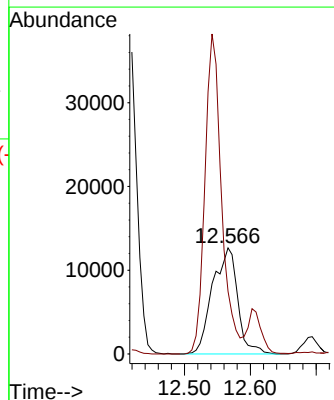
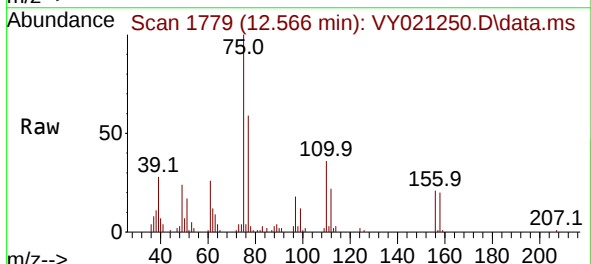
Instrument :
 MSVOA_Y
 ClientSampleId :

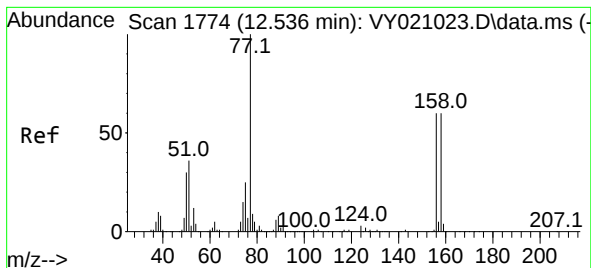
Tgt Ion: 83 Resp: 25465
 Ion Ratio Lower Upper
 83 100
 131 10.7 4.9 14.6
 85 65.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 35.838 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

Tgt Ion: 75 Resp: 33726
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.541 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

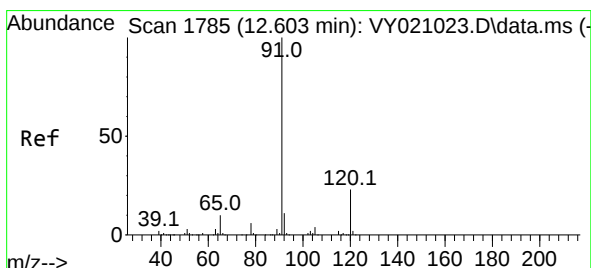
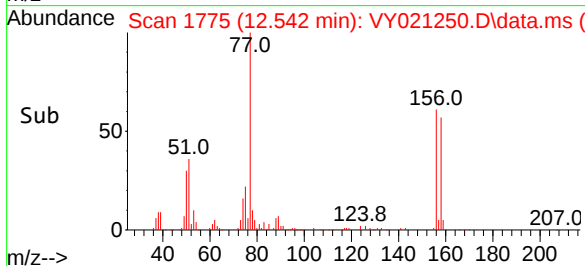
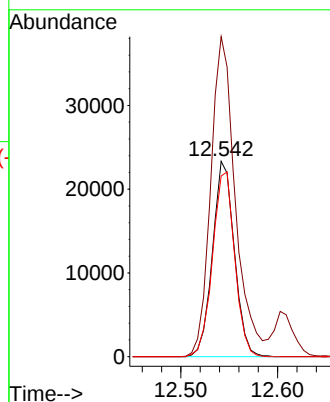
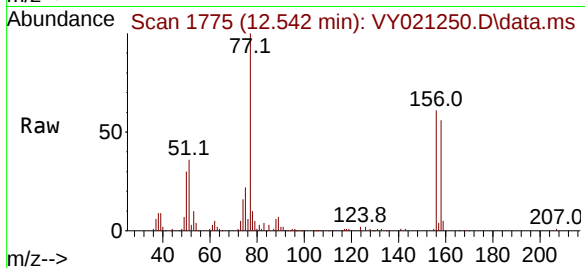
Tgt Ion:156 Resp: 36542

Ion Ratio Lower Upper

156 100

77 183.8 97.3 291.8

158 95.9 48.4 145.0



#78

n-propylbenzene

Concen: 20.266 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VY021250.D

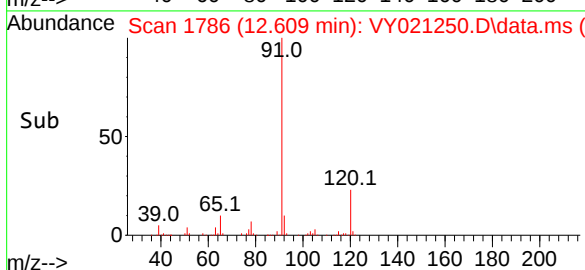
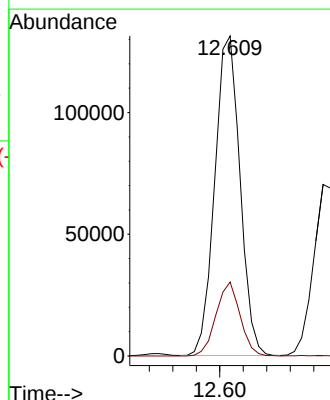
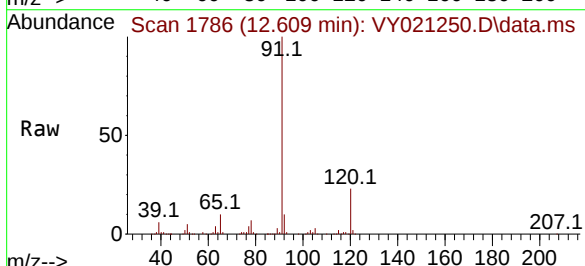
Acq: 20 Feb 2025 15:27

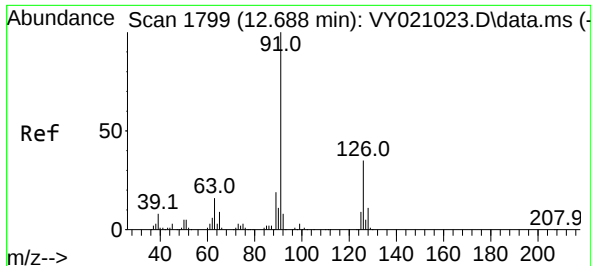
Tgt Ion: 91 Resp: 195636

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

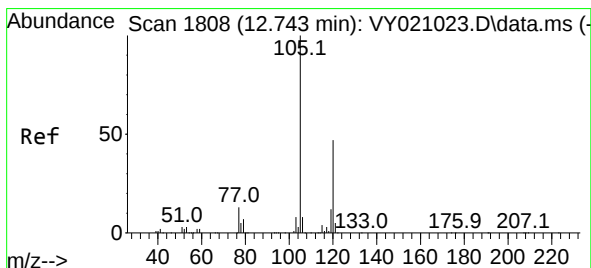
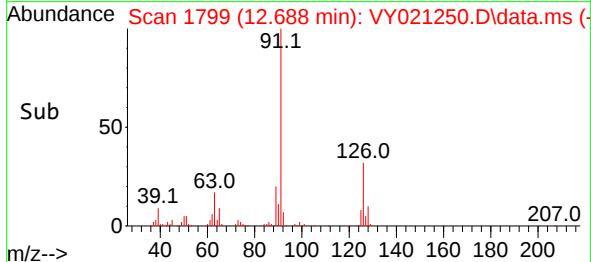
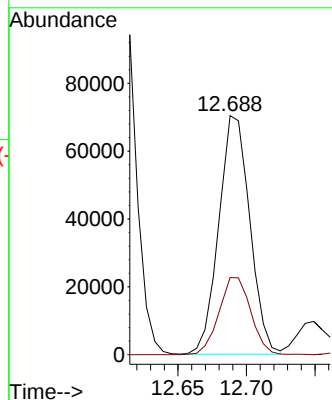
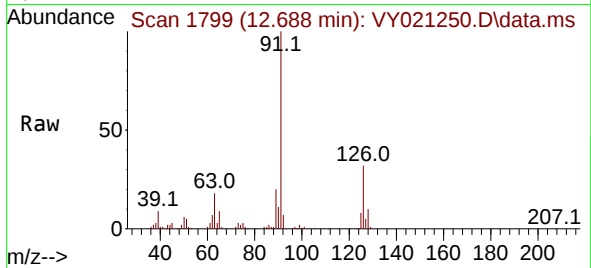




#79
2-Chlorotoluene
Concen: 20.068 ug/l
RT: 12.688 min Scan# 110955
Delta R.T. -0.000 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

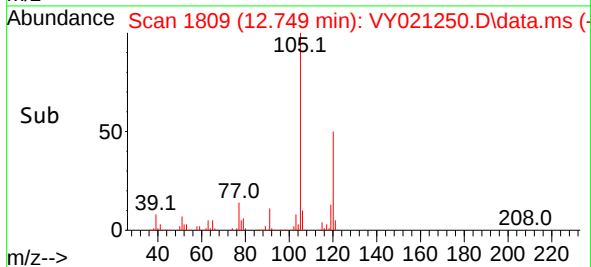
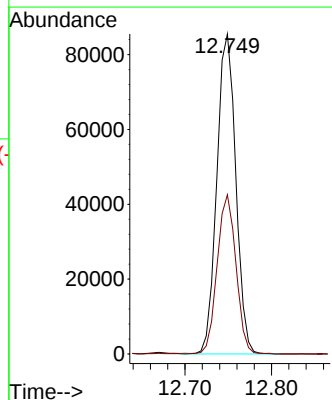
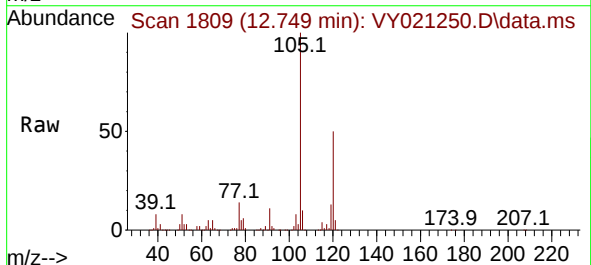
Instrument :
MSVOA_Y
ClientSampleId :

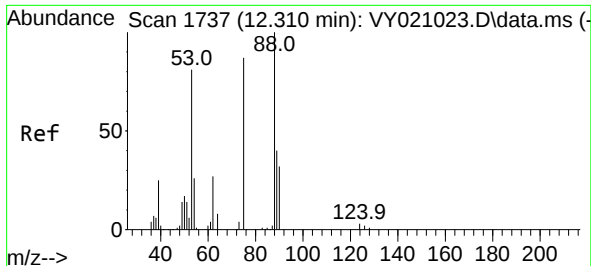
Tgt Ion: 91 Resp: 110955
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.779 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:105 Resp: 129954
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8

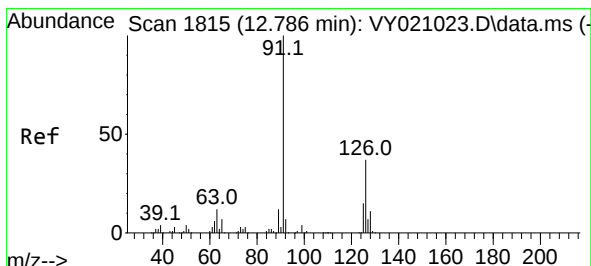
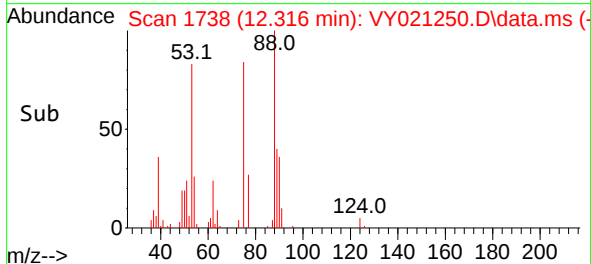
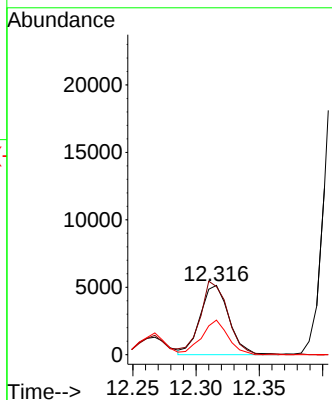
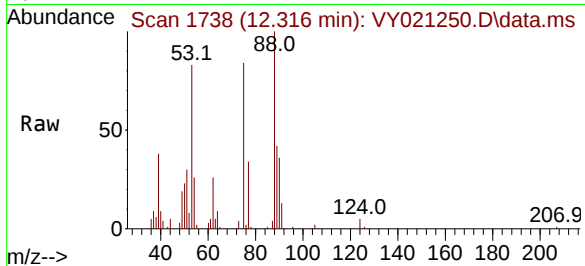




#81
trans-1,4-Dichloro-2-butene
Concen: 17.658 ug/l
RT: 12.316 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

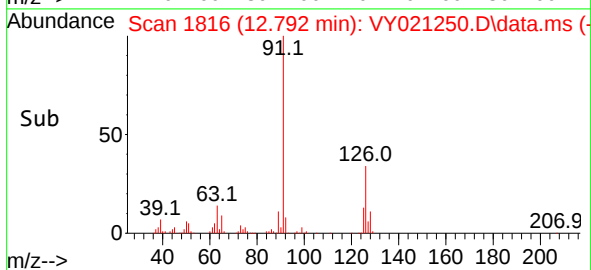
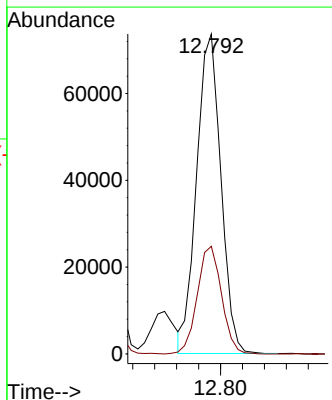
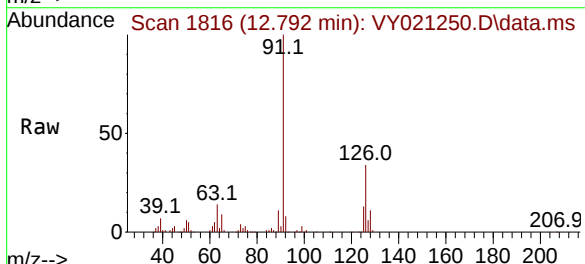
Instrument :
MSVOA_Y
ClientSampleId :

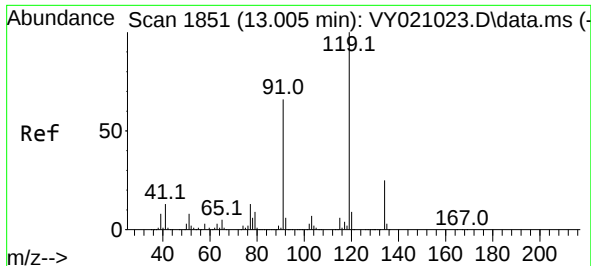
Tgt Ion: 75 Resp: 8144
Ion Ratio Lower Upper
75 100
53 101.1 74.0 111.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.072 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 91 Resp: 113066
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2

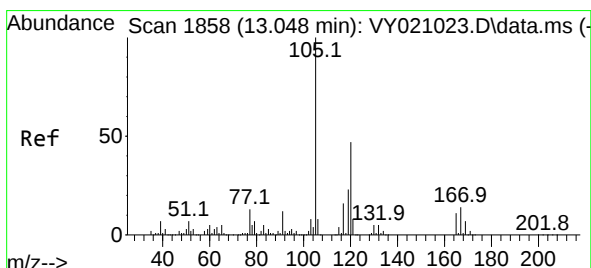
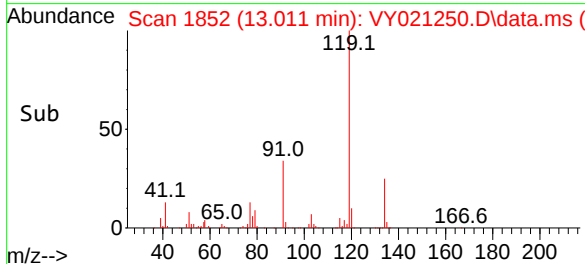
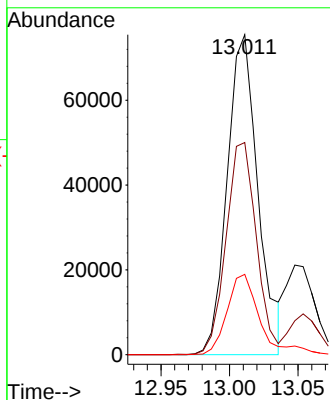
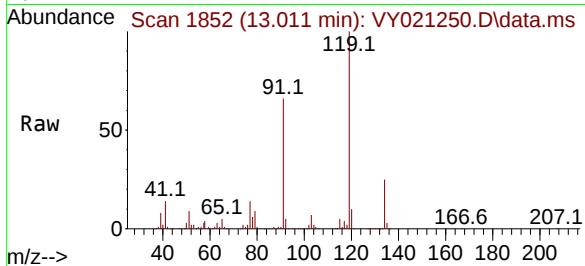




#83
tert-Butylbenzene
Concen: 19.797 ug/l
RT: 13.011 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

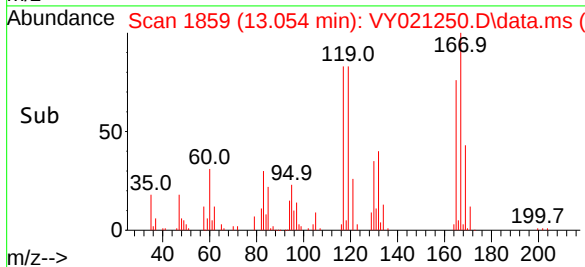
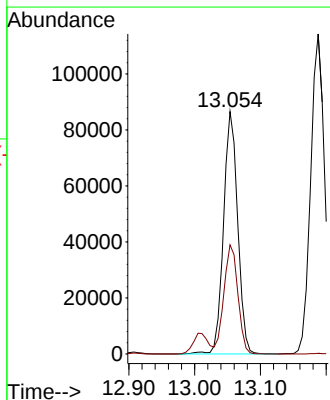
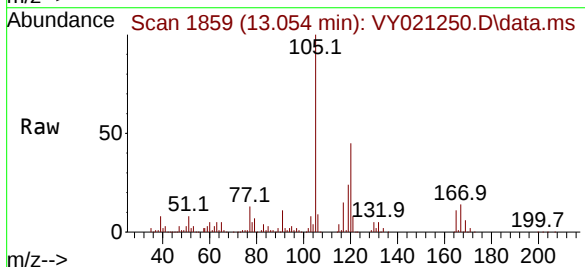
Instrument :
MSVOA_Y
ClientSampleId :

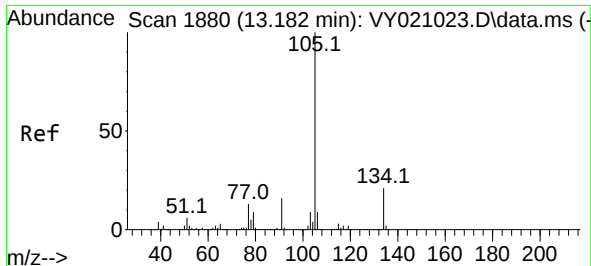
Tgt Ion:119 Resp: 118226
Ion Ratio Lower Upper
119 100
91 65.4 31.5 94.5
134 26.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.178 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:105 Resp: 129629
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.3

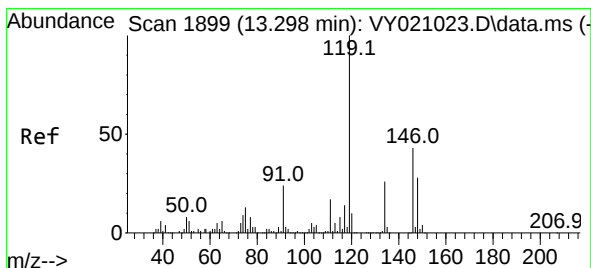
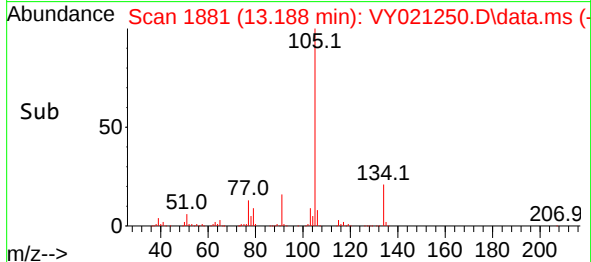
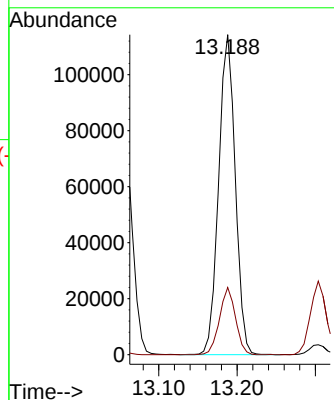
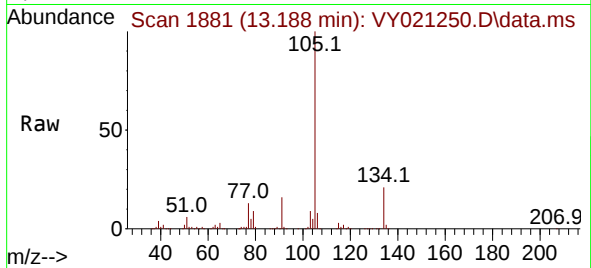




#85
 sec-Butylbenzene
 Concen: 19.625 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

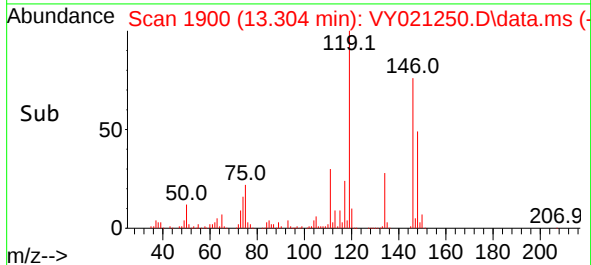
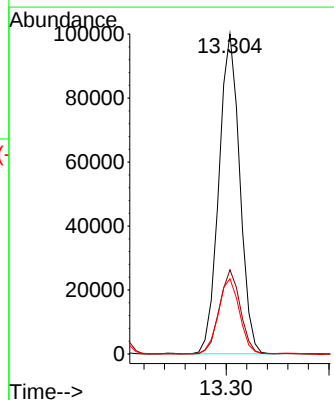
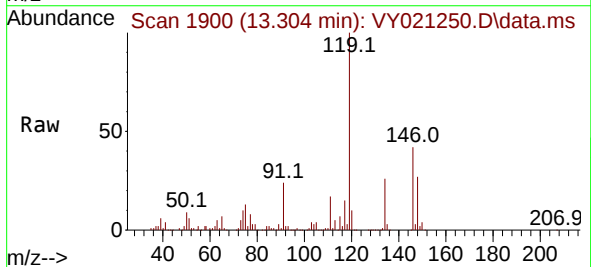
Instrument :
 MSVOA_Y
 ClientSampleId :

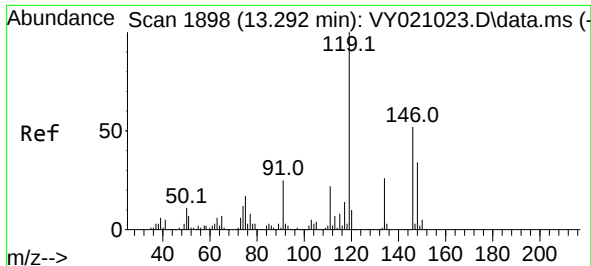
Tgt Ion:105 Resp: 168703
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.680 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY021250.D
 Acq: 20 Feb 2025 15:27

Tgt Ion:119 Resp: 140534
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.8 11.7 35.0

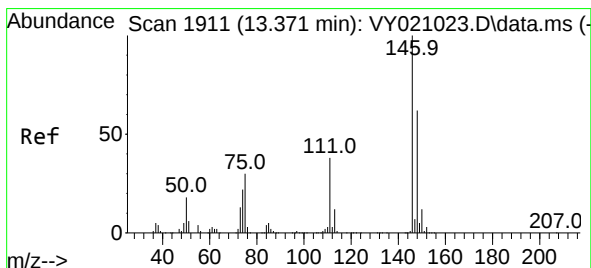
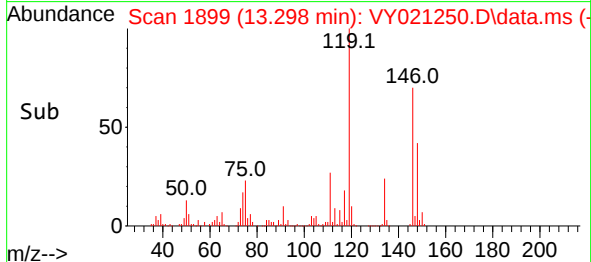
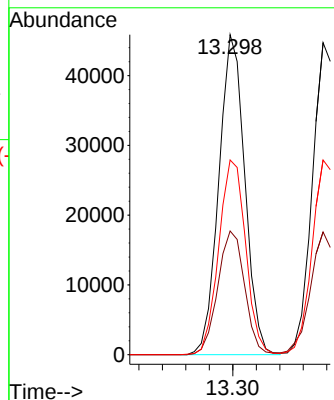
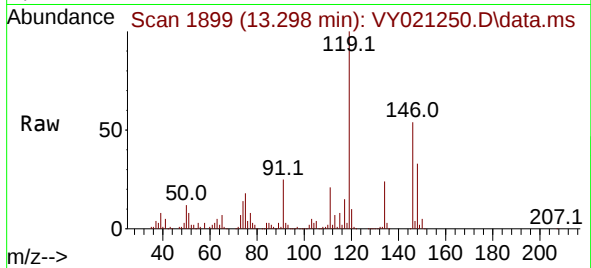




#87
1,3-Dichlorobenzene
Concen: 19.491 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

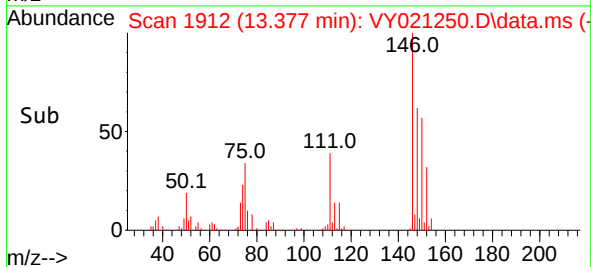
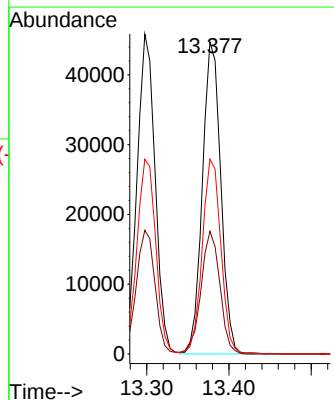
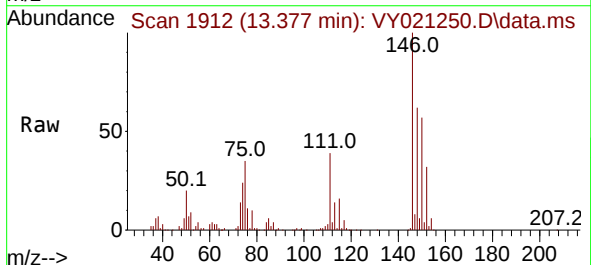
Instrument :
MSVOA_Y
ClientSampleId :

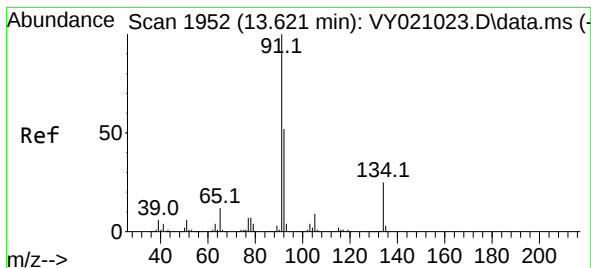
Tgt Ion:146 Resp: 70378
Ion Ratio Lower Upper
146 100
111 39.9 20.2 60.5
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.580 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:146 Resp: 69610
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.9
148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 19.133 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

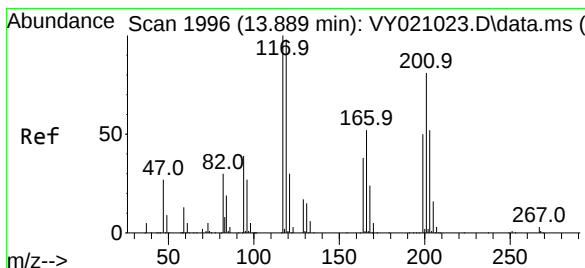
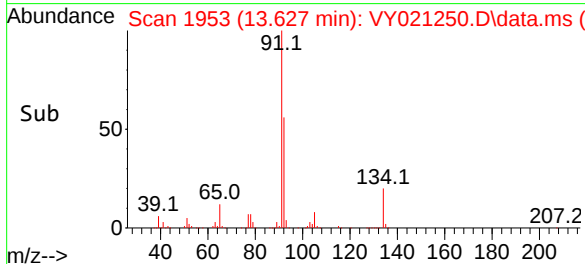
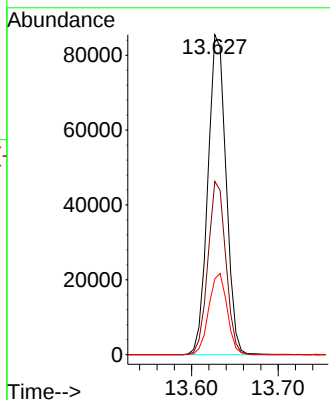
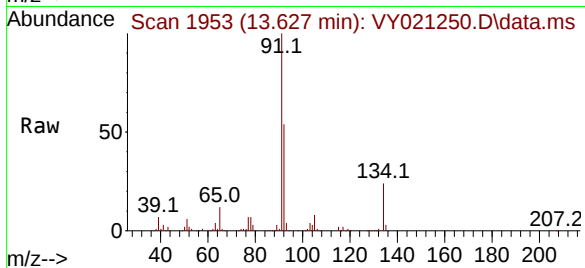
Tgt Ion: 91 Resp: 124639

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 25.7 12.3 36.8



#90

Hexachloroethane

Concen: 19.400 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VY021250.D

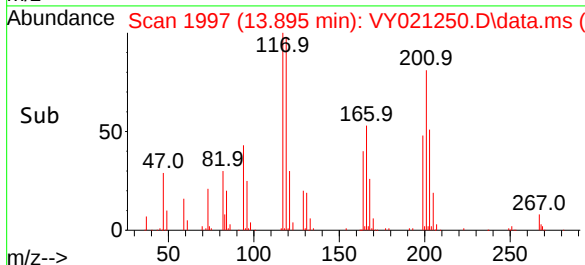
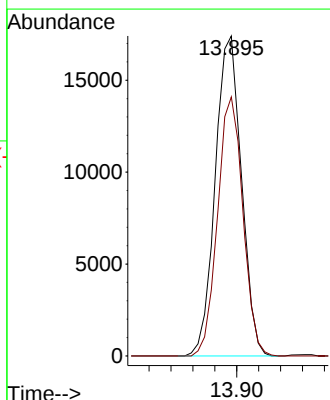
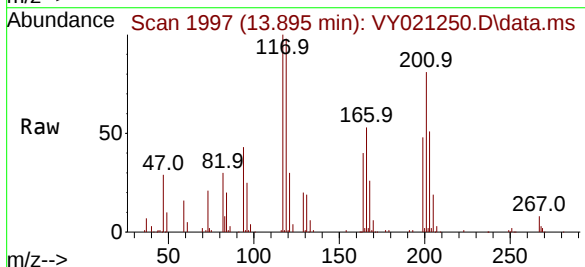
Acq: 20 Feb 2025 15:27

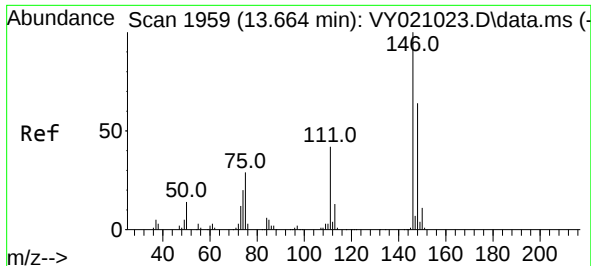
Tgt Ion: 117 Resp: 28900

Ion Ratio Lower Upper

117 100

201 78.2 33.4 100.1

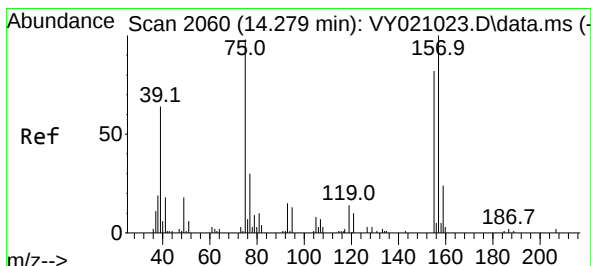
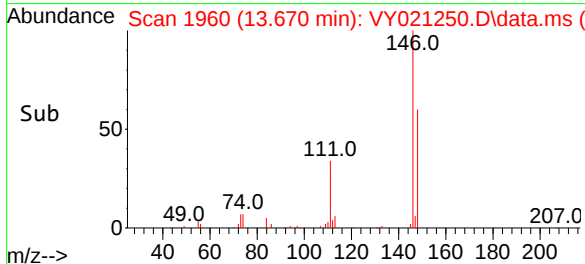
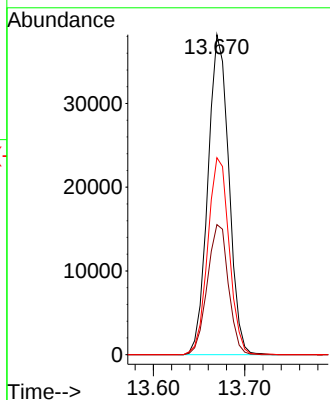
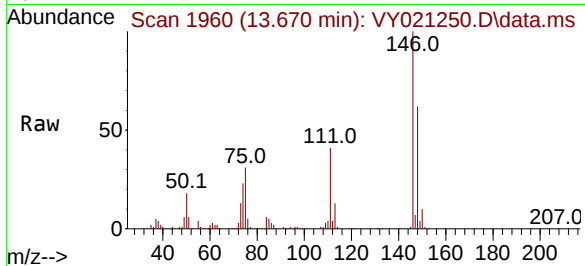




#91
1,2-Dichlorobenzene
Concen: 19.340 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

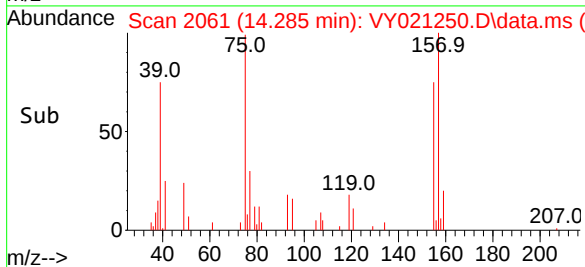
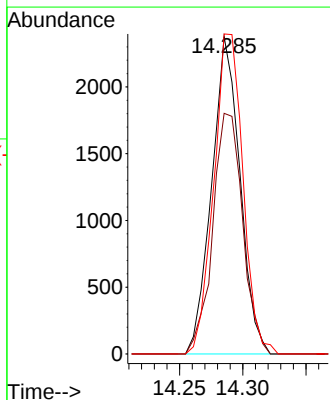
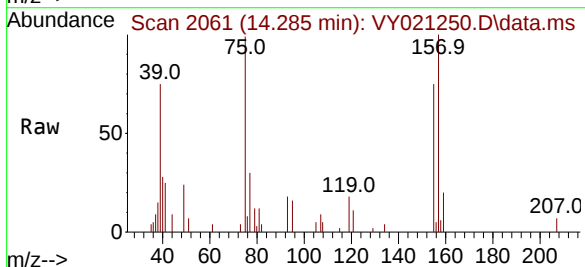
Instrument :
MSVOA_Y
ClientSampleId :

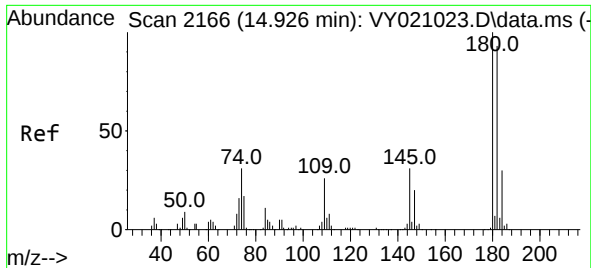
Tgt Ion:146 Resp: 60610
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 63.0 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.312 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion: 75 Resp: 3688
Ion Ratio Lower Upper
75 100
155 80.3 42.1 126.3
157 103.9 55.8 167.4

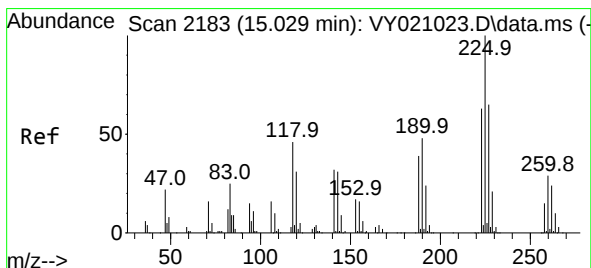
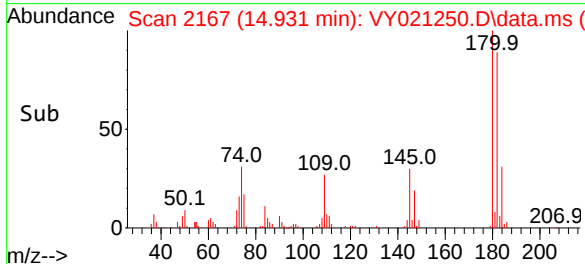
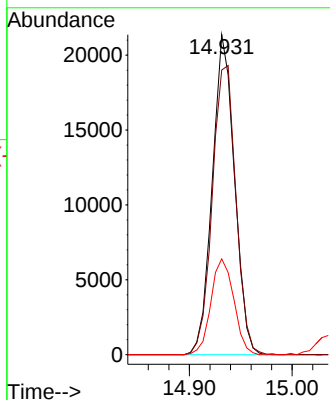
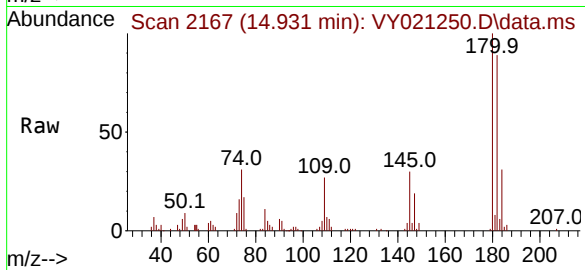




#93
1,2,4-Trichlorobenzene
Concen: 18.367 ug/l
RT: 14.931 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

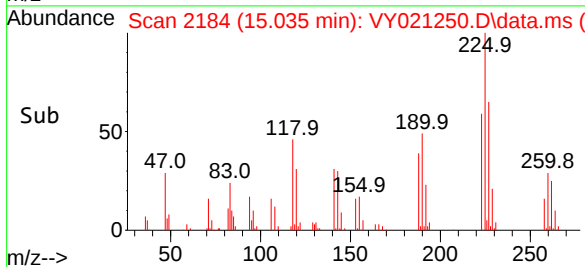
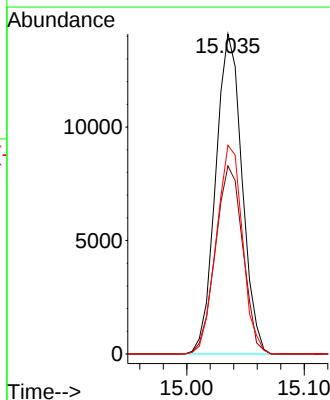
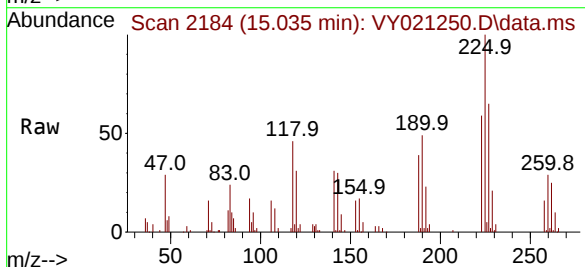
Instrument :
MSVOA_Y
ClientSampleId :

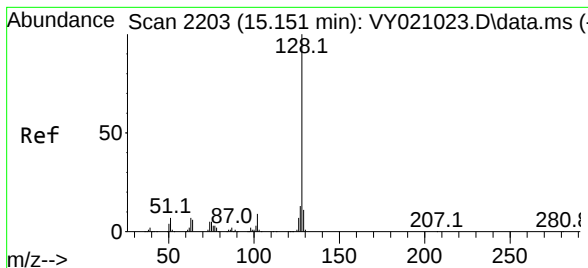
Tgt Ion:180 Resp: 32041
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 30.8 15.9 47.7



#94
Hexachlorobutadiene
Concen: 19.027 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021250.D
Acq: 20 Feb 2025 15:27

Tgt Ion:225 Resp: 21996
Ion Ratio Lower Upper
225 100
223 61.1 31.4 94.3
227 64.8 32.3 96.8





#95

Naphthalene

Concen: 17.800 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

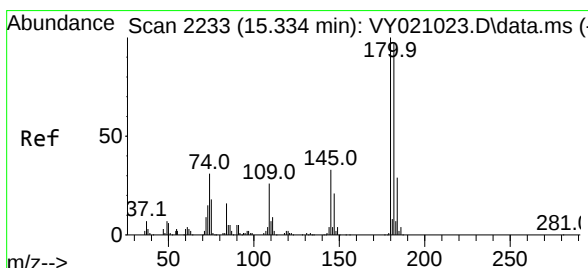
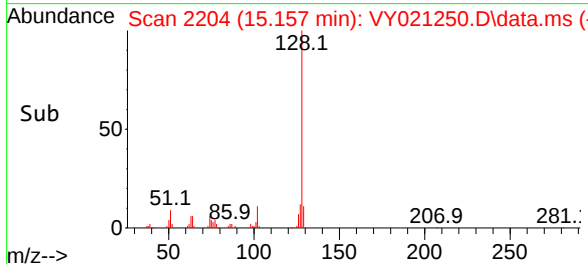
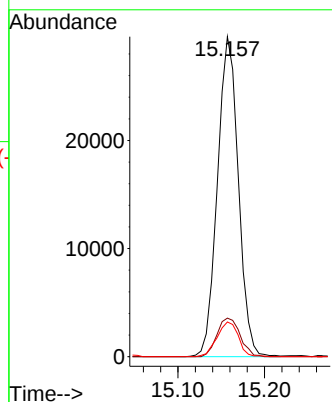
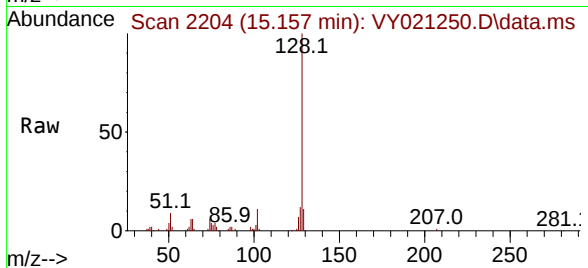
Tgt Ion:128 Resp: 49678

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.295 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021250.D

Acq: 20 Feb 2025 15:27

Tgt Ion:180 Resp: 26559

Ion Ratio Lower Upper

180 100

182 97.6 46.3 138.8

145 33.1 16.1 48.2

