

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021162.D
 Acq On : 10 Feb 2025 18:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:33:15 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	7.707	168	122422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	199291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	182819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	95682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	74739	59.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.180%	
35) Dibromofluoromethane	7.634	113	69290	54.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.109	98	257166	52.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.407	95	90992	57.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48469	44.421	ug/l	98
3) Chloromethane	2.068	50	47940	44.525	ug/l	99
4) Vinyl Chloride	2.208	62	46795	43.180	ug/l	99
5) Bromomethane	2.598	94	29307	43.754	ug/l	96
6) Chloroethane	2.738	64	28860	44.736	ug/l	96
7) Trichlorofluoromethane	3.062	101	85010	43.057	ug/l	95
8) Diethyl Ether	3.452	74	31711	51.450	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	53432	43.120	ug/l	95
10) Methyl Iodide	4.007	142	65266	47.409	ug/l	90
11) Tert butyl alcohol	4.872	59	21180	249.179	ug/l	97
12) 1,1-Dichloroethene	3.793	96	52833	45.262	ug/l	92
13) Acrolein	3.653	56	24168	184.646	ug/l	98
14) Allyl chloride	4.385	41	95143	48.363	ug/l	95
15) Acrylonitrile	5.061	53	71314	277.854	ug/l	98
16) Acetone	3.872	43	54317	277.684	ug/l	95
17) Carbon Disulfide	4.110	76	165028	45.087	ug/l	97
18) Methyl Acetate	4.385	43	39720	57.845	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	160180	54.293	ug/l	99
20) Methylene Chloride	4.622	84	61594	50.653	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	61617	47.956	ug/l	93
22) Diisopropyl ether	6.024	45	214442	52.884	ug/l	99
23) Vinyl Acetate	5.963	43	620480	274.492	ug/l	98
24) 1,1-Dichloroethane	5.921	63	119492	50.297	ug/l	98
25) 2-Butanone	6.896	43	91172	283.640	ug/l	93
26) 2,2-Dichloropropane	6.890	77	87900	39.987	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	74451	50.341	ug/l	95
28) Bromochloromethane	7.244	49	51100	54.395	ug/l	99
29) Tetrahydrofuran	7.262	42	63625	292.524	ug/l	94
30) Chloroform	7.421	83	126203	51.717	ug/l	99
31) Cyclohexane	7.701	56	89837	41.992	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	109255	48.156	ug/l	99
36) 1,1-Dichloropropene	7.841	75	83007	43.878	ug/l	98
37) Ethyl Acetate	6.988	43	44988	54.210	ug/l	97
38) Carbon Tetrachloride	7.823	117	98717	44.660	ug/l	96
39) Methylcyclohexane	9.109	83	96628	41.759	ug/l	99
40) Benzene	8.085	78	263771	47.513	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	25229	52.547	ug/l	93
42) 1,2-Dichloroethane	8.158	62	78136	50.737	ug/l	96
43) Isopropyl Acetate	8.201	43	88894	53.908	ug/l #	84
44) Trichloroethene	8.865	130	64815	45.189	ug/l	93
45) 1,2-Dichloropropane	9.146	63	64330	48.821	ug/l	100
46) Dibromomethane	9.231	93	37421	51.292	ug/l	97
47) Bromodichloromethane	9.426	83	96987	49.568	ug/l	99
48) Methyl methacrylate	9.219	41	41772	55.612	ug/l	91
49) 1,4-Dioxane	9.225	88	7980	1174.960	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	229870	277.208	ug/l	97
52) Toluene	10.170	92	167918	48.171	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	87026	49.533	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	101196	48.646	ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	47692	50.481	ug/l	99
56) Ethyl methacrylate	10.438	69	69392	54.905	ug/l	91
57) 1,3-Dichloropropane	10.719	76	85501	52.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	162448	270.173	ug/l	100
59) 2-Hexanone	10.761	43	153296	287.119	ug/l	96
60) Dibromochloromethane	10.914	129	65717	49.532	ug/l	100
61) 1,2-Dibromoethane	11.017	107	45155	51.027	ug/l	99
64) Tetrachloroethene	10.646	164	56942	41.957	ug/l	98
65) Chlorobenzene	11.444	112	185810	45.645	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	67095	46.380	ug/l	97
67) Ethyl Benzene	11.523	91	323443	44.922	ug/l	99
68) m/p-Xylenes	11.633	106	241966	89.831	ug/l	96
69) o-Xylene	11.956	106	116170	46.259	ug/l	96
70) Styrene	11.969	104	199778	47.730	ug/l	97
71) Bromoform	12.133	173	40356	50.117	ug/l #	98
73) Isopropylbenzene	12.255	105	303101	40.553	ug/l	99
74) N-amyl acetate	12.072	43	79592	48.708	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	56019	45.066	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	72201	83.185	ug/l #	100
77) Bromobenzene	12.536	156	73214	42.449	ug/l	95
78) n-propylbenzene	12.596	91	366130	41.122	ug/l	99
79) 2-Chlorotoluene	12.682	91	212322	41.637	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	254420	41.985	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	17253	40.560	ug/l	92
82) 4-Chlorotoluene	12.779	91	218759	42.105	ug/l	99
83) tert-Butylbenzene	12.999	119	224335	40.729	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	257511	43.461	ug/l	100
85) sec-Butylbenzene	13.176	105	320855	40.468	ug/l	99
86) p-Isopropyltoluene	13.291	119	272467	41.369	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	143162	42.988	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	139479	42.536	ug/l	98
89) n-Butylbenzene	13.621	91	247997	41.275	ug/l	99
90) Hexachloroethane	13.883	117	57439	41.804	ug/l	86
91) 1,2-Dichlorobenzene	13.663	146	127061	43.958	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8947	48.166	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	73839	45.893	ug/l	99
94) Hexachlorobutadiene	15.029	225	44156	41.414	ug/l	100
95) Naphthalene	15.145	128	133147	51.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	64463	48.144	ug/l	98

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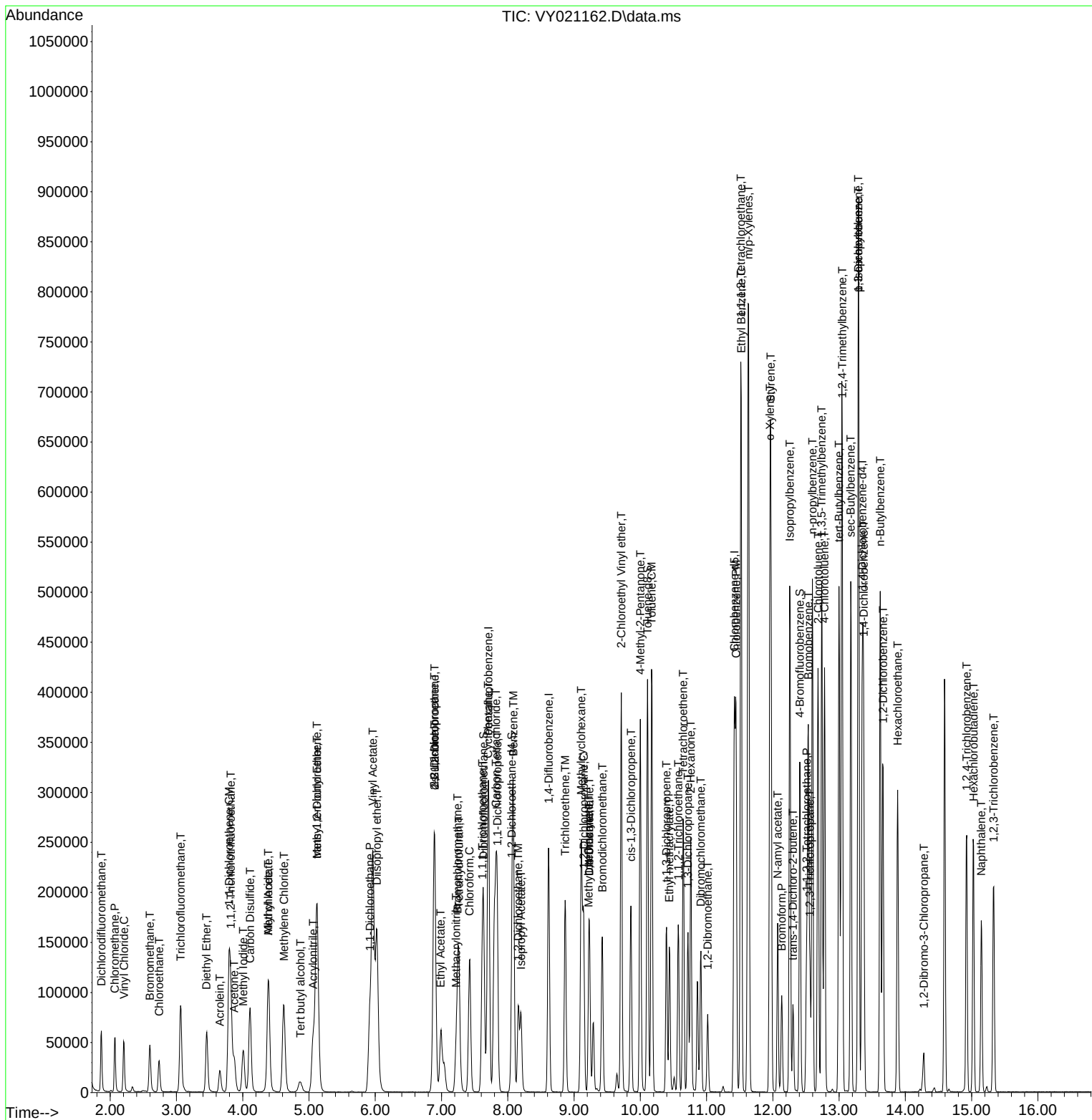
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MSVOA_Y
ClientSampleId :

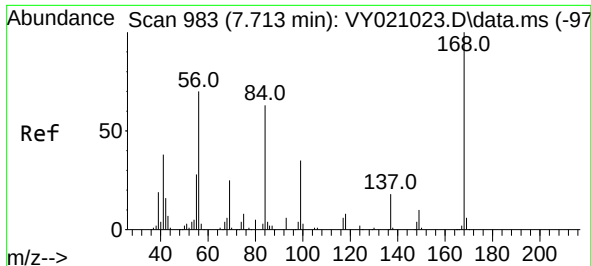
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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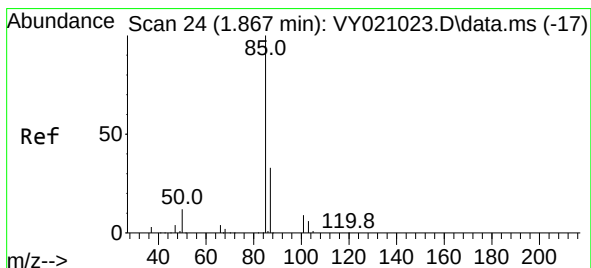
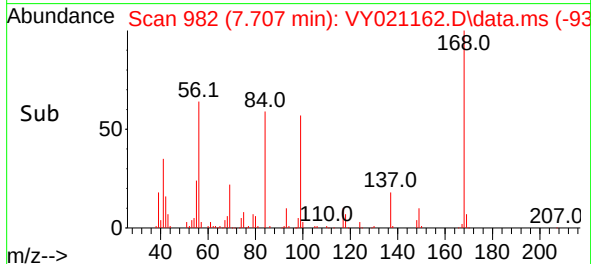
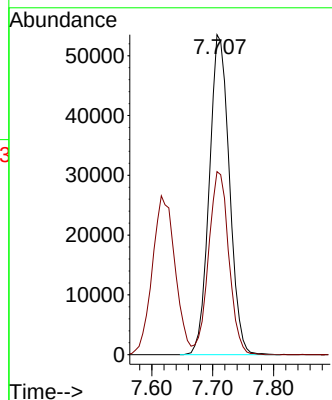
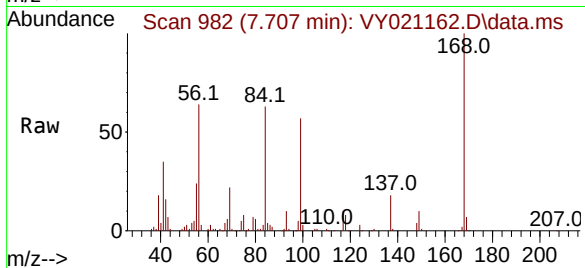




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021162.D
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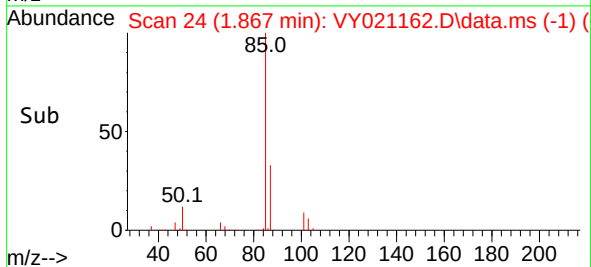
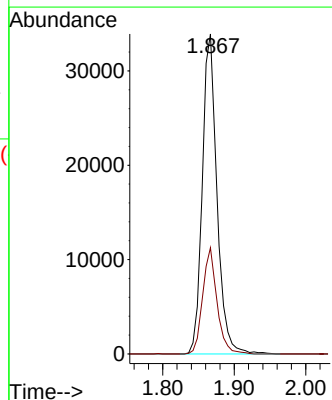
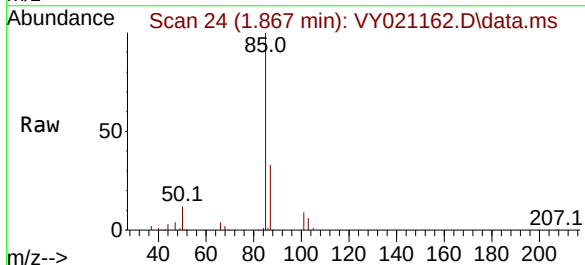
Instrument :
MSVOA_Y
ClientSampleId :

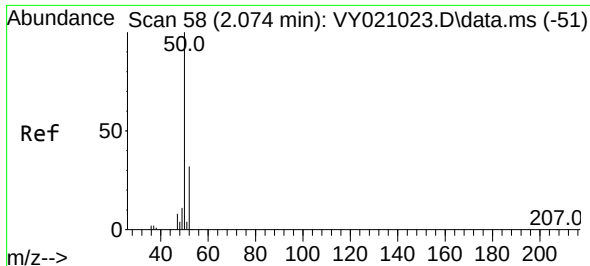
Tgt Ion:168 Resp: 122422
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 44.421 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 85 Resp: 48469
Ion Ratio Lower Upper
85 100
87 33.2 17.1 51.3

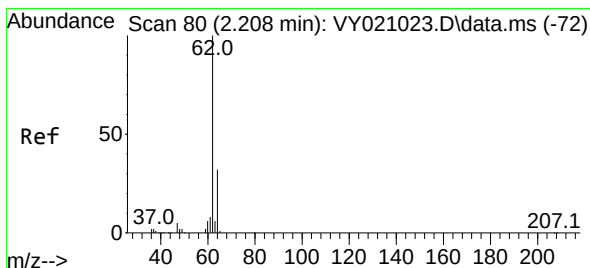
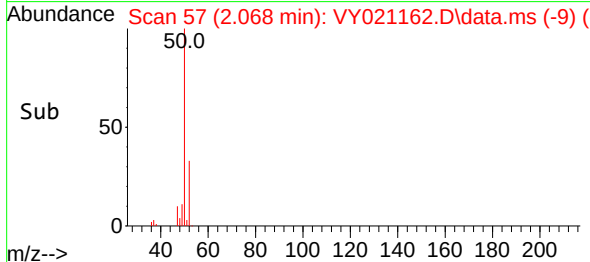
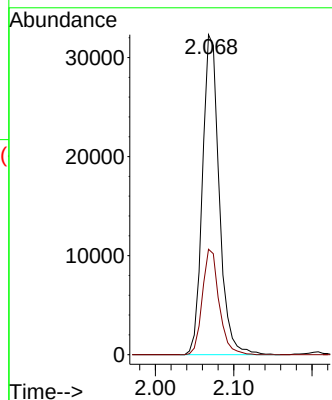
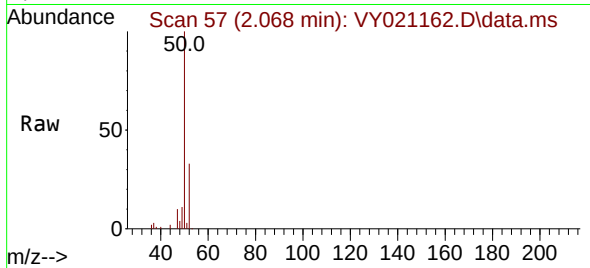




#3
Chloromethane
Concen: 44.525 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

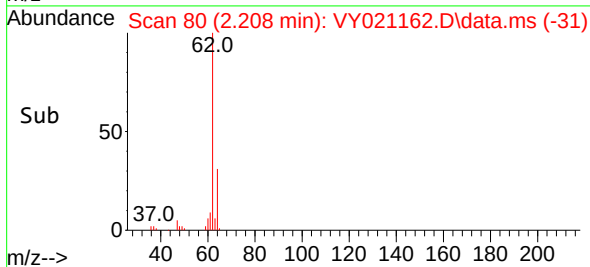
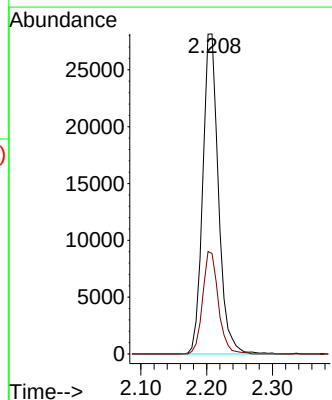
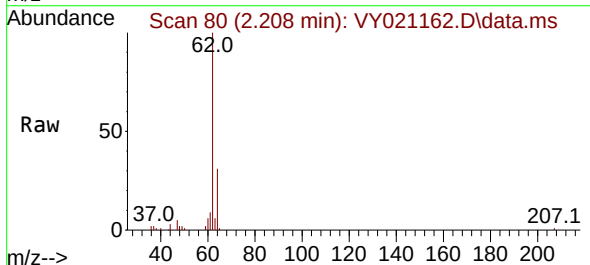
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MSVOA_Y
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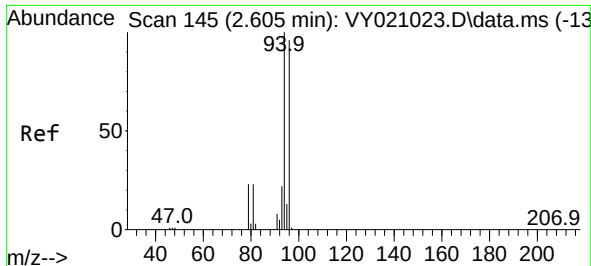
Tgt Ion: 50 Resp: 47940
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 43.180 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 62 Resp: 46795
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

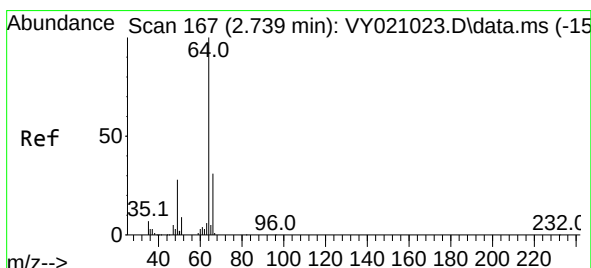
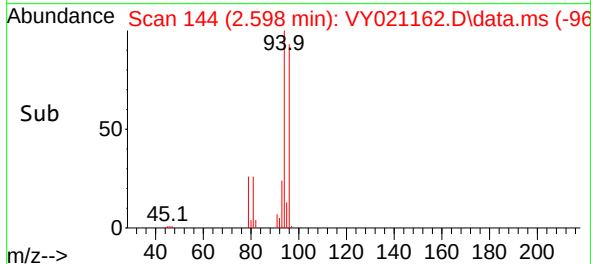
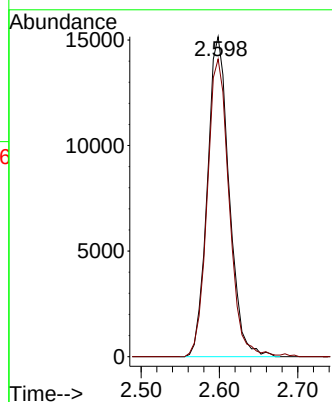
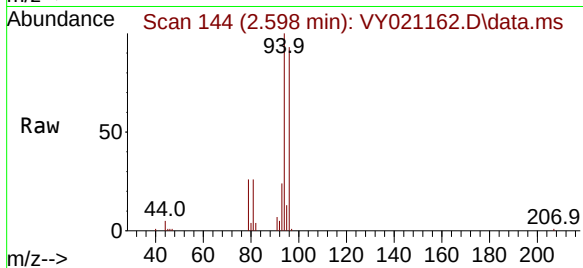




#5
Bromomethane
Concen: 43.754 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

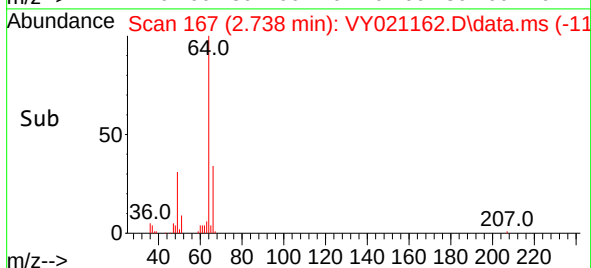
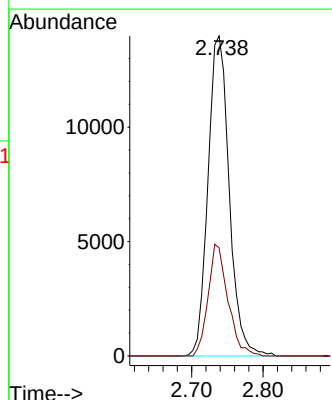
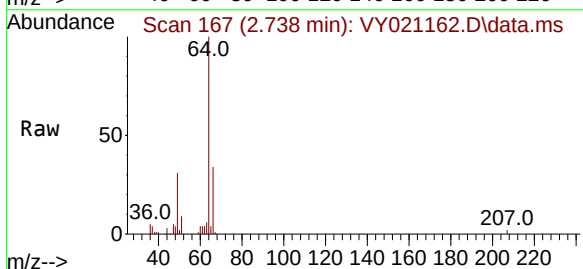
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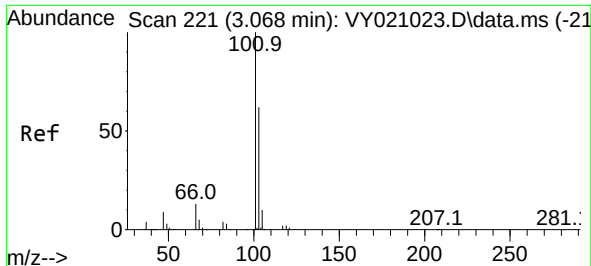
Tgt Ion: 94 Resp: 29307
Ion Ratio Lower Upper
94 100
96 93.0 77.3 115.9



#6
Chloroethane
Concen: 44.736 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 64 Resp: 28860
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

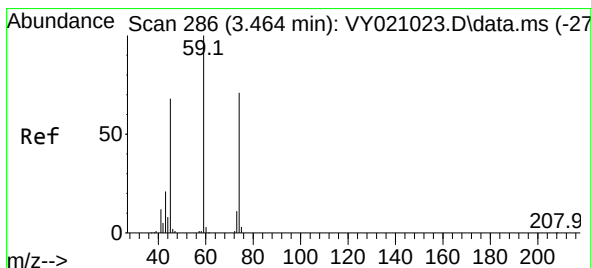
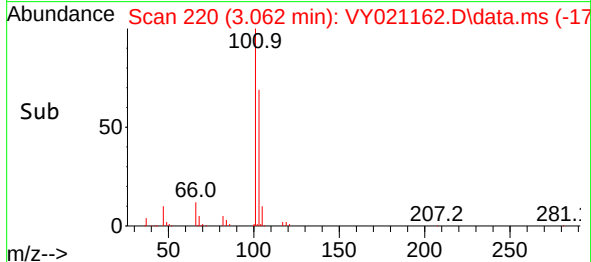
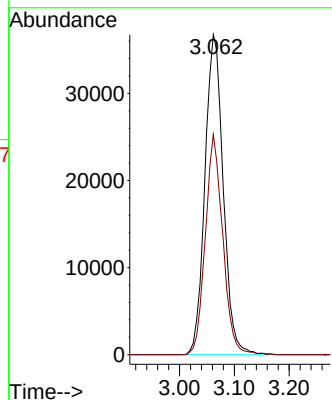
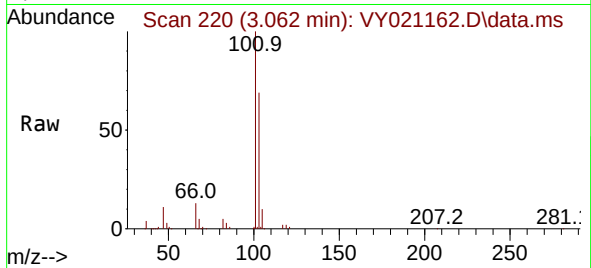




#7
 Trichlorofluoromethane
 Concen: 43.057 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

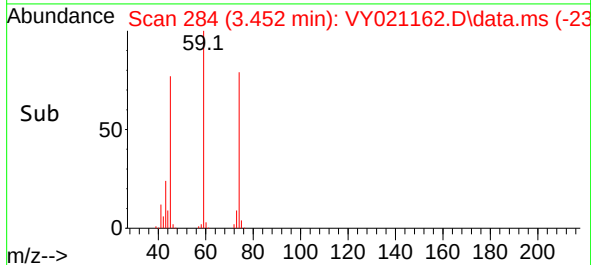
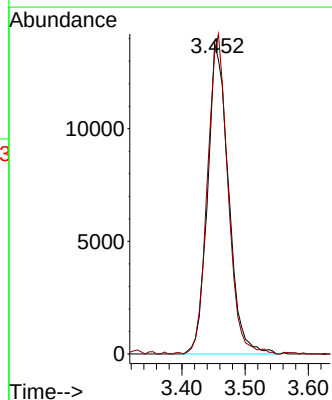
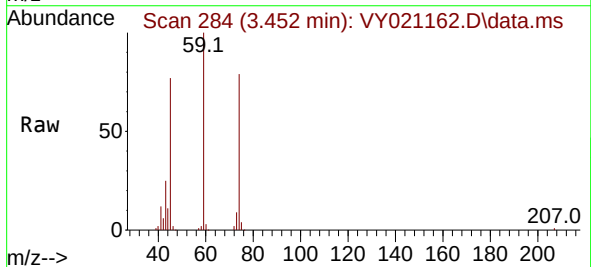
Instrument :
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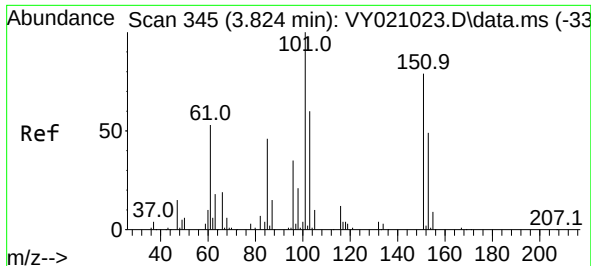
Tgt Ion:101 Resp: 85010
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 51.450 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Tgt Ion: 74 Resp: 31711
 Ion Ratio Lower Upper
 74 100
 45 100.6 47.9 143.7

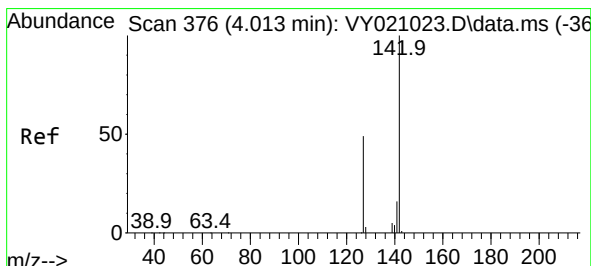
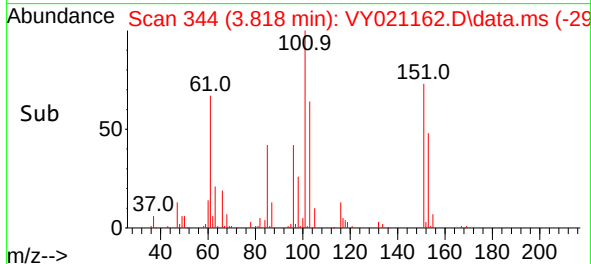
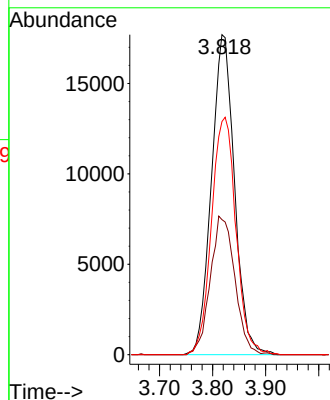
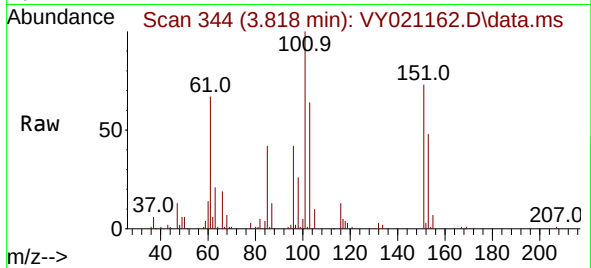




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.120 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021162.D
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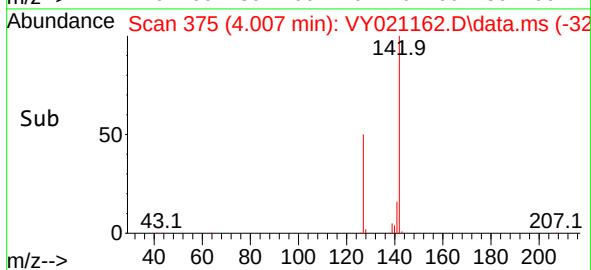
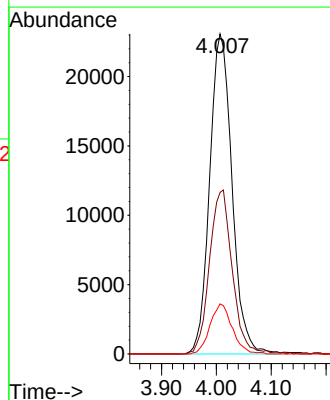
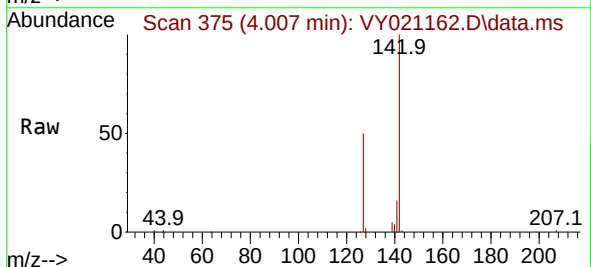
Instrument :
MSVOA_Y
ClientSampleId :

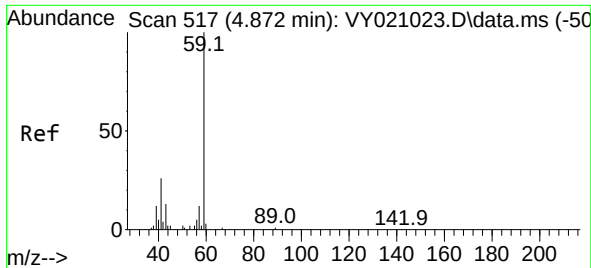
Tgt Ion:101 Resp: 53432
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 78.8 58.6 88.0



#10
Methyl Iodide
Concen: 47.409 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion:142 Resp: 65266
Ion Ratio Lower Upper
142 100
127 52.2 35.1 52.7
141 15.6 11.8 17.6

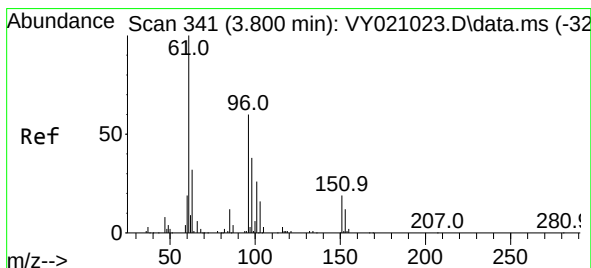
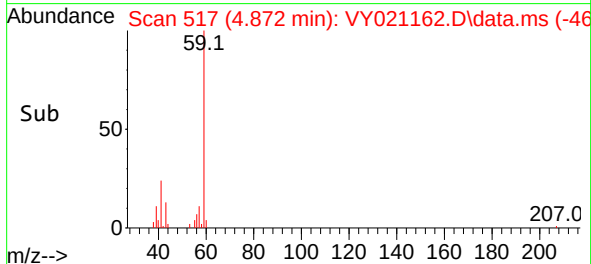
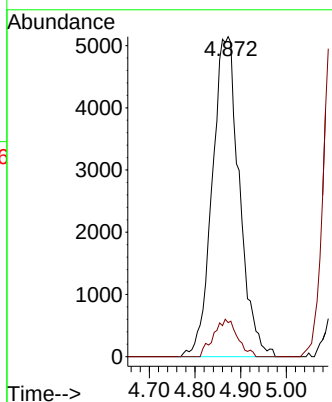
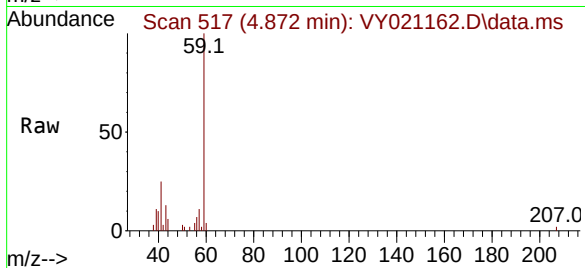




#11
Tert butyl alcohol
Concen: 249.179 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

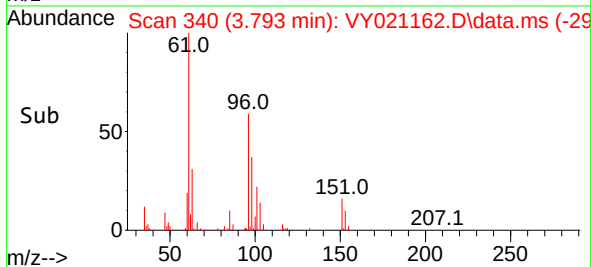
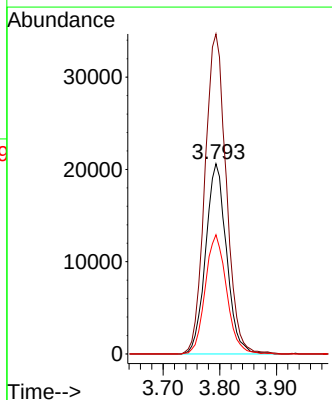
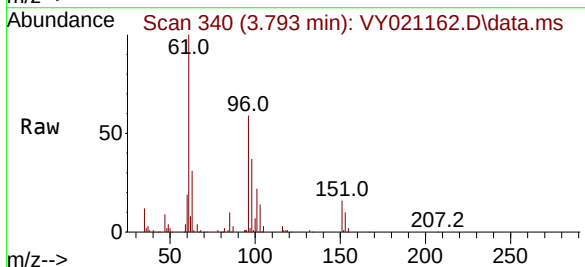
Instrument :
MSVOA_Y
ClientSampleId :

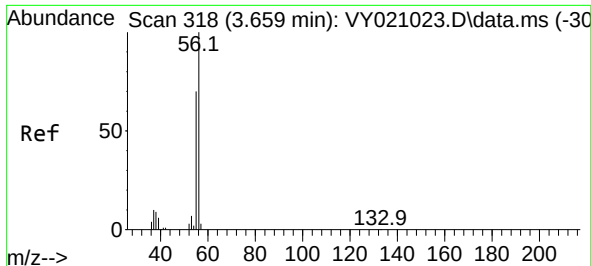
Tgt Ion: 59 Resp: 21180
Ion Ratio Lower Upper
59 100
57 10.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 45.262 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 96 Resp: 52833
Ion Ratio Lower Upper
96 100
61 168.2 124.2 186.2
98 62.7 52.6 79.0





#13

Acrolein

Concen: 184.646 ug/l

RT: 3.653 min Scan# 318

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

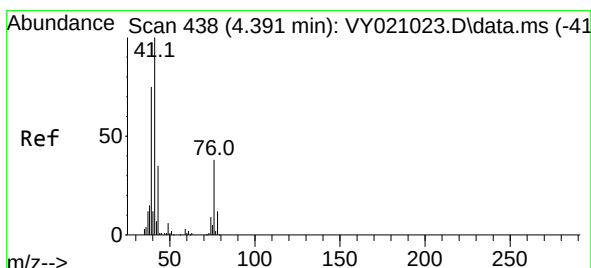
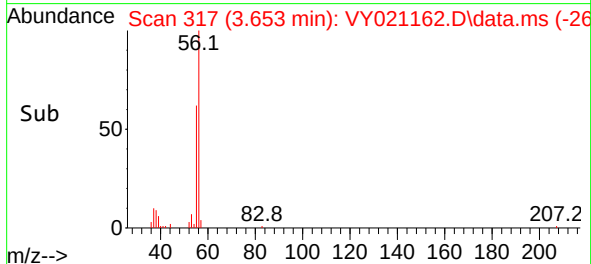
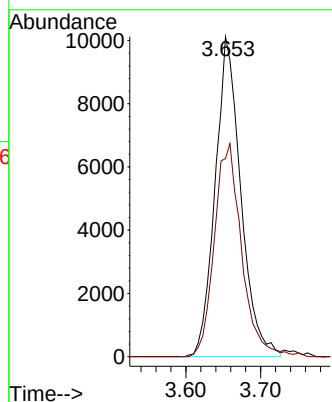
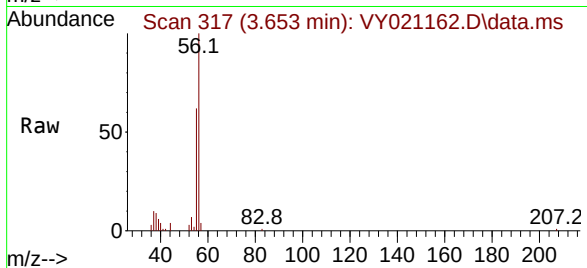
ClientSampleId :

Tgt Ion: 56 Resp: 24168

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 48.363 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

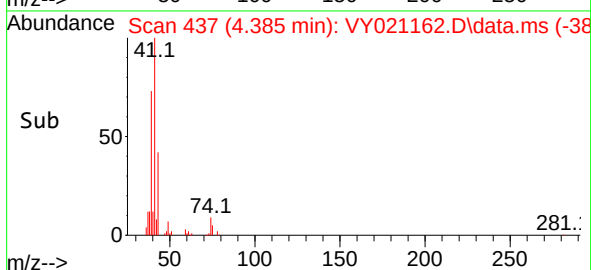
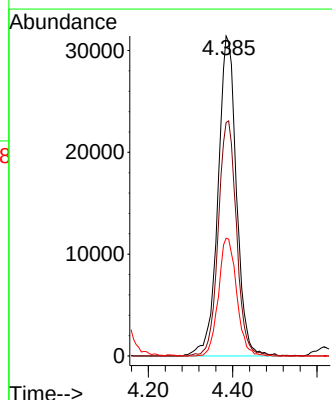
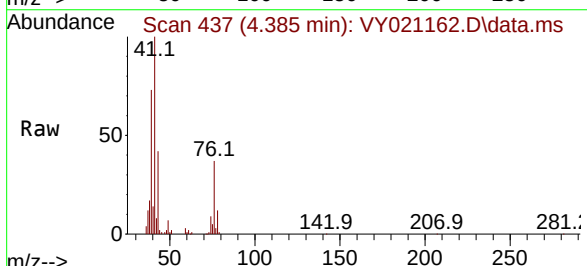
Tgt Ion: 41 Resp: 95143

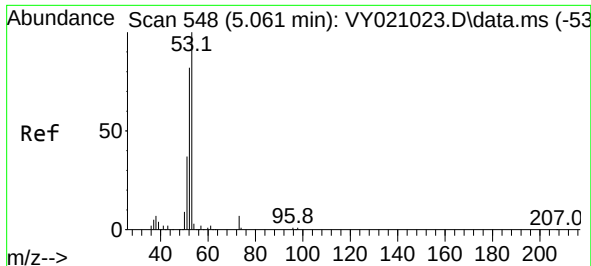
Ion Ratio Lower Upper

41 100

39 72.6 54.7 82.1

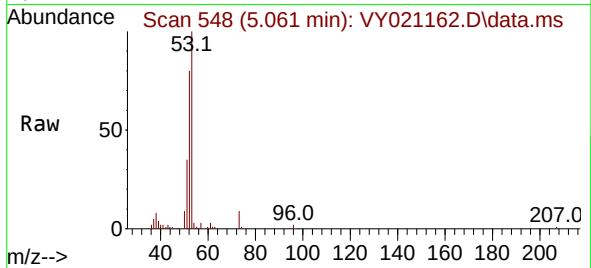
76 36.4 31.8 47.6



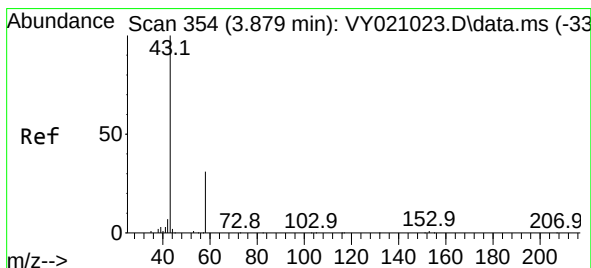
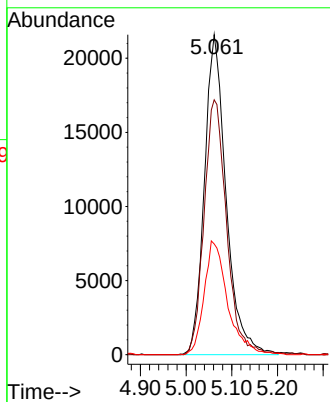
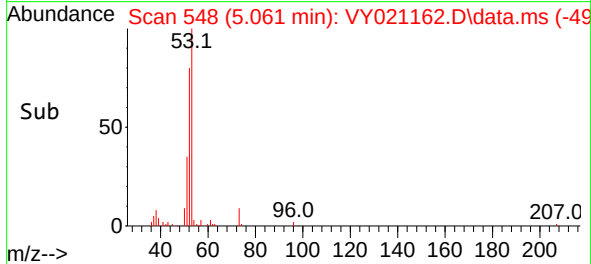


#15
Acrylonitrile
Concen: 277.854 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Instrument :
MSVOA_Y
ClientSampleId :

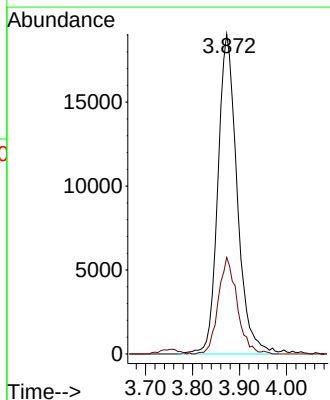
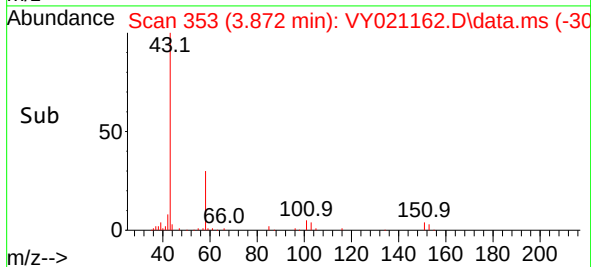
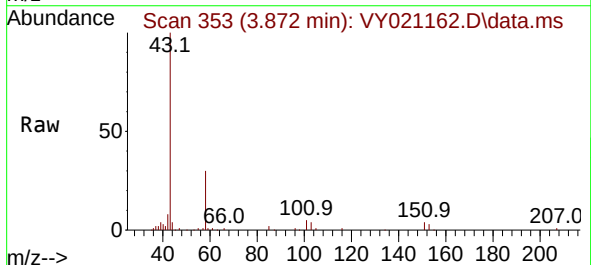


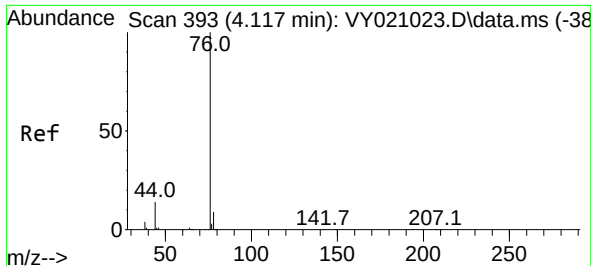
Tgt Ion: 53 Resp: 71314
Ion Ratio Lower Upper
53 100
52 82.7 65.1 97.7
51 38.5 29.0 43.4



#16
Acetone
Concen: 277.684 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 43 Resp: 54317
Ion Ratio Lower Upper
43 100
58 30.2 26.6 39.8

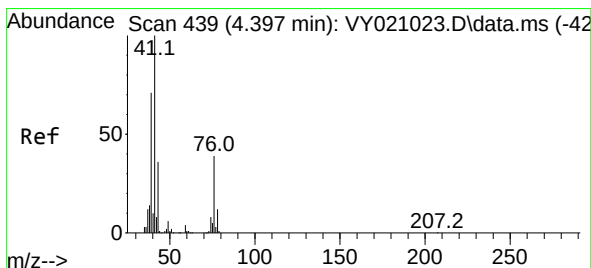
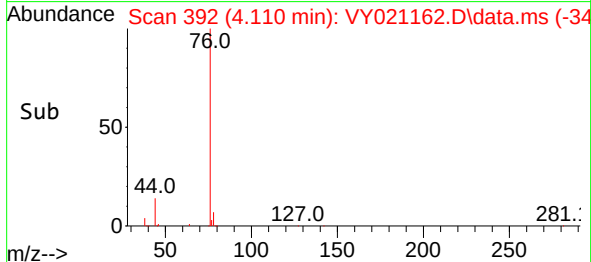
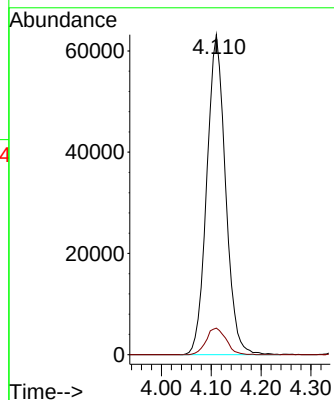
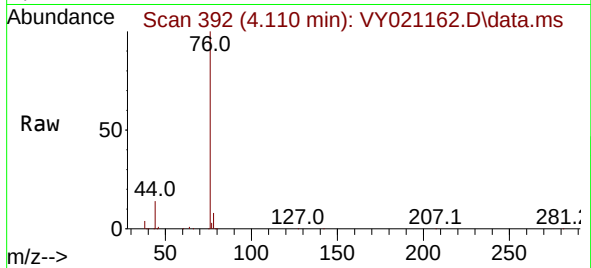




#17
Carbon Disulfide
Concen: 45.087 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

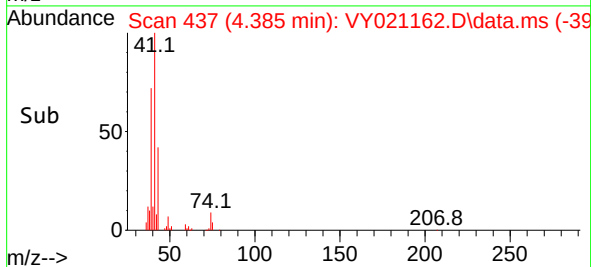
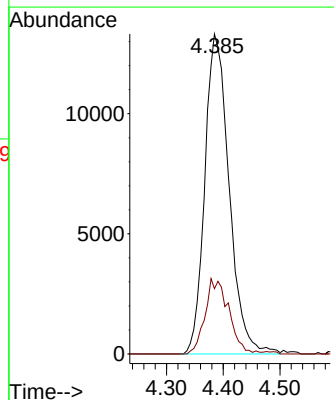
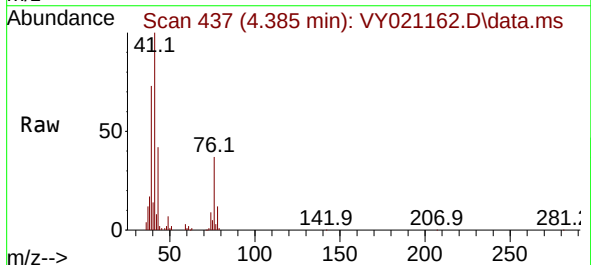
Instrument :
MSVOA_Y
ClientSampleId :

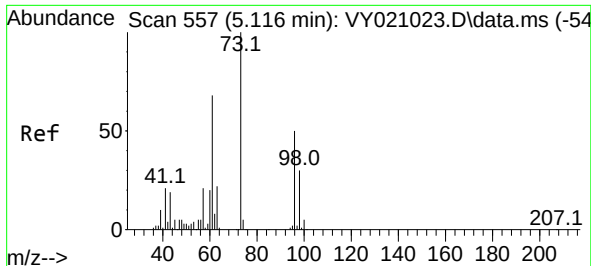
Tgt Ion: 76 Resp: 165028
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 57.845 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 43 Resp: 39720
Ion Ratio Lower Upper
43 100
74 22.9 19.8 29.6

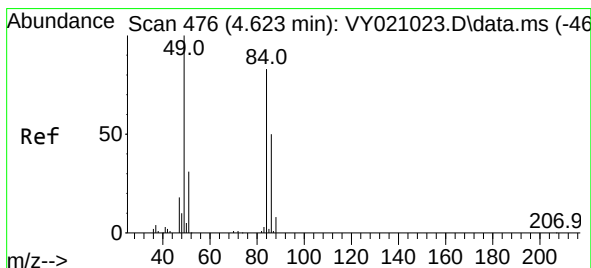
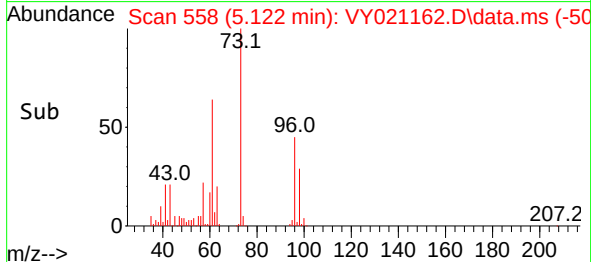
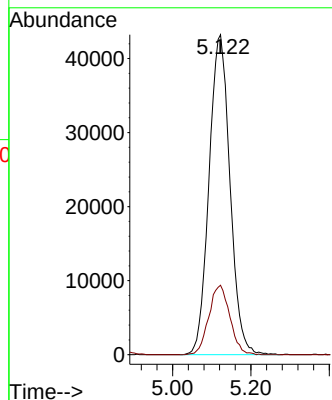
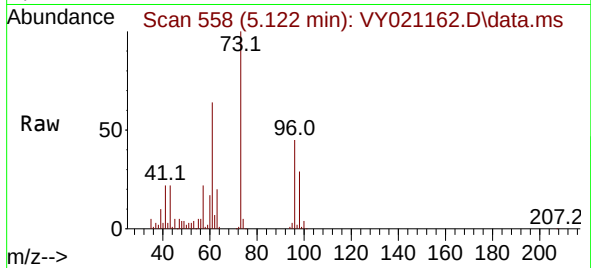




#19
Methyl tert-butyl Ether
Concen: 54.293 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

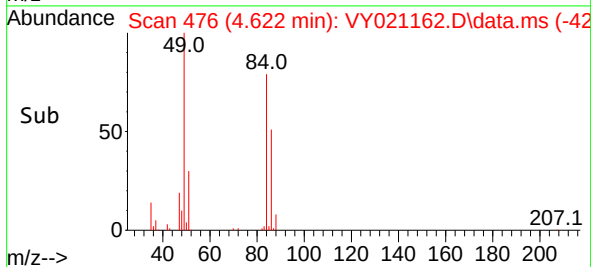
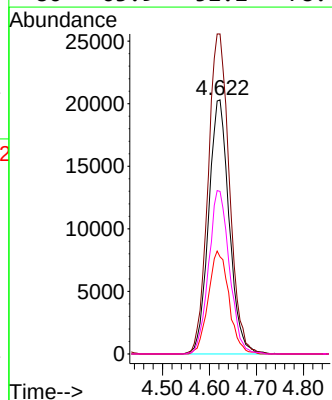
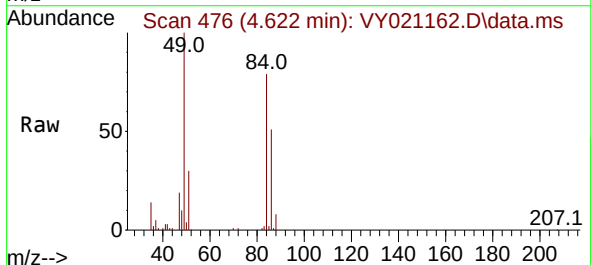
Instrument :
MSVOA_Y
ClientSampleId :

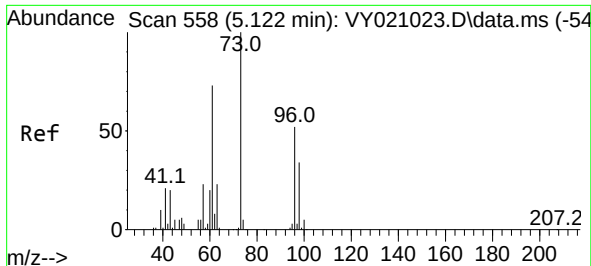
Tgt Ion: 73 Resp: 160180
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 50.653 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 84 Resp: 61594
Ion Ratio Lower Upper
84 100
49 125.9 95.2 142.8
51 38.2 29.9 44.9
86 63.9 52.2 78.4

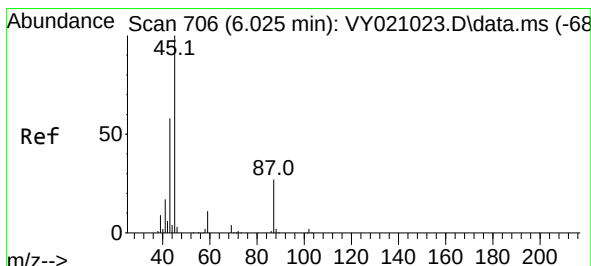
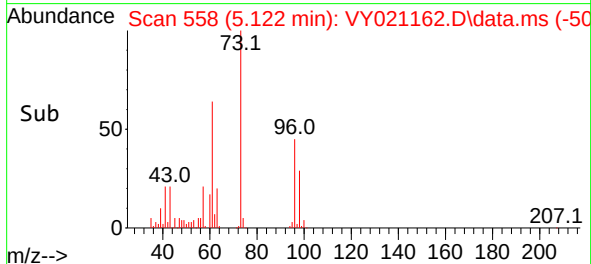
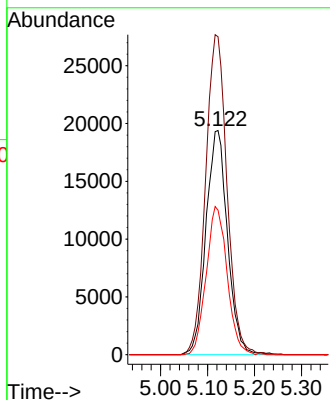
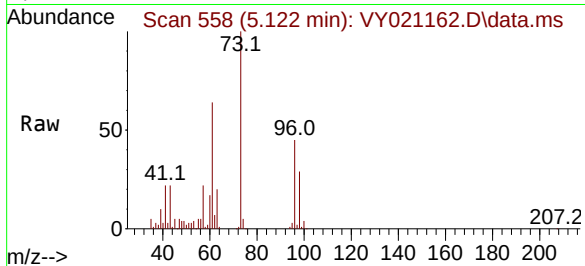




#21
trans-1,2-Dichloroethene
Concen: 47.956 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

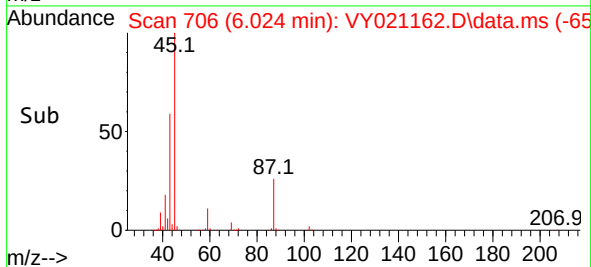
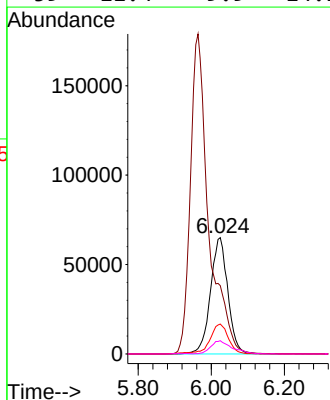
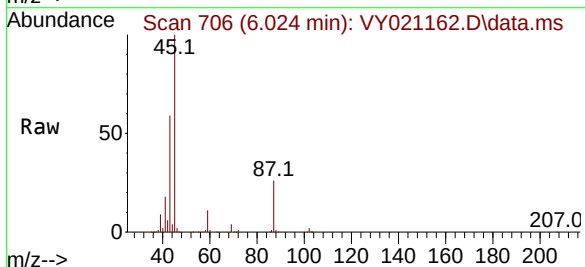
Instrument :
MSVOA_Y
ClientSampleId :

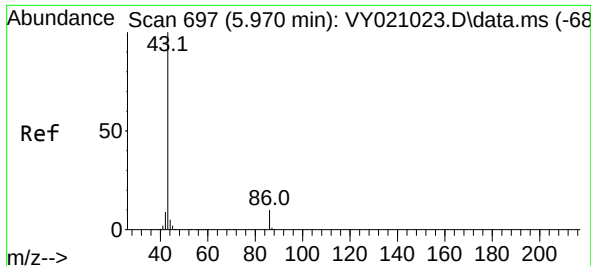
Tgt Ion: 96 Resp: 61617
Ion Ratio Lower Upper
96 100
61 141.9 104.6 156.8
98 64.5 50.9 76.3



#22
Diisopropyl ether
Concen: 52.884 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 45 Resp: 214442
Ion Ratio Lower Upper
45 100
43 58.5 46.8 70.2
87 25.7 22.2 33.2
59 11.4 9.9 14.9

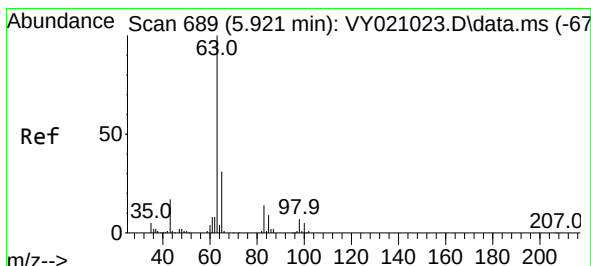
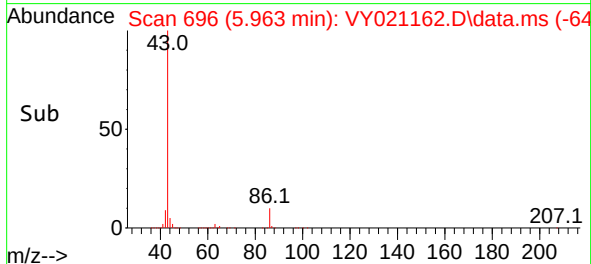
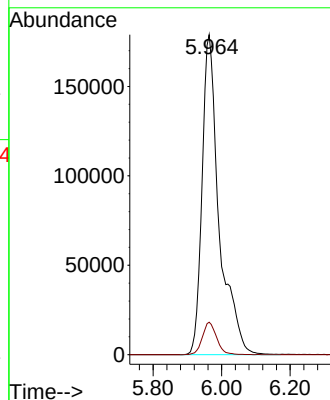
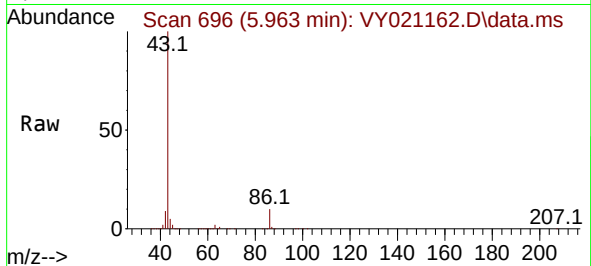




#23
 Vinyl Acetate
 Concen: 274.492 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

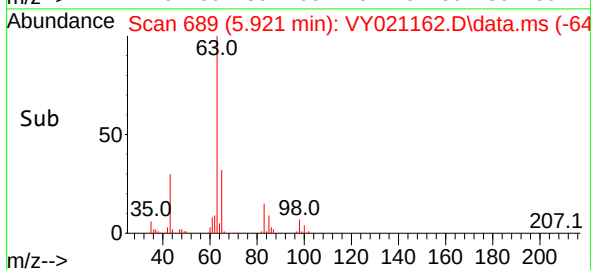
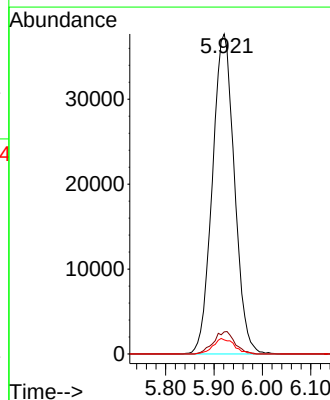
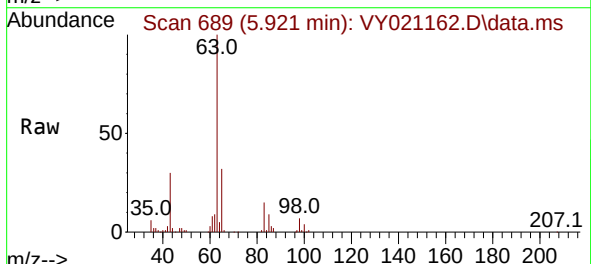
Instrument :
 MSVOA_Y
 ClientSampleId :

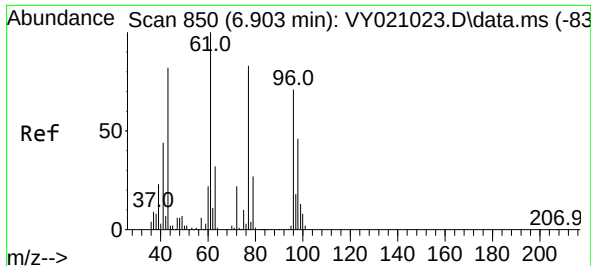
Tgt Ion: 43 Resp: 620480
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.297 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Tgt Ion: 63 Resp: 119492
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 283.640 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

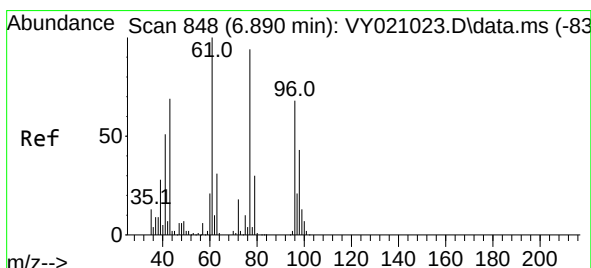
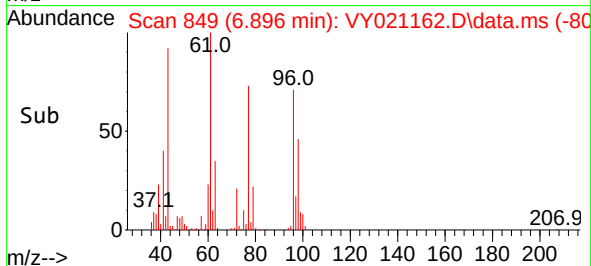
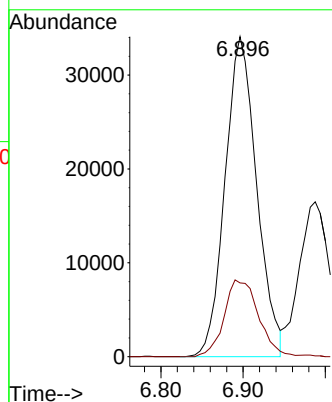
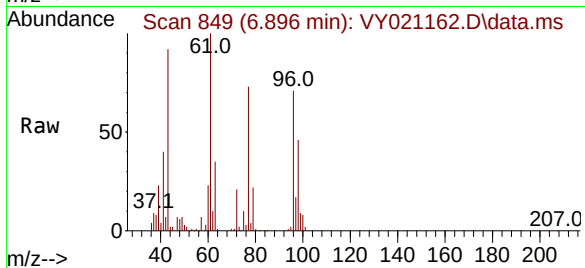
ClientSampleId :

Tgt Ion: 43 Resp: 91172

Ion Ratio Lower Upper

43 100

72 23.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 39.987 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021162.D

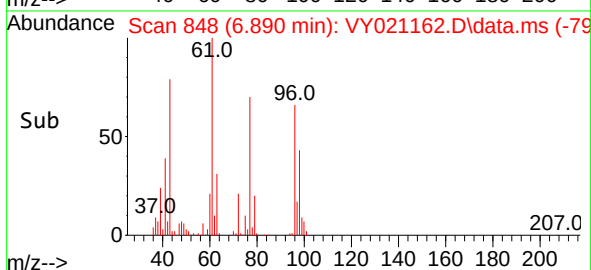
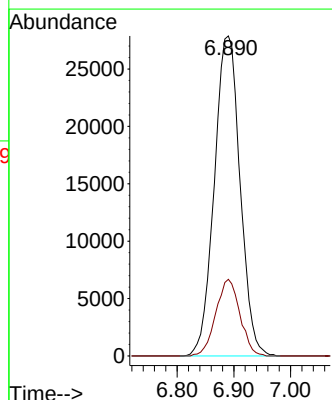
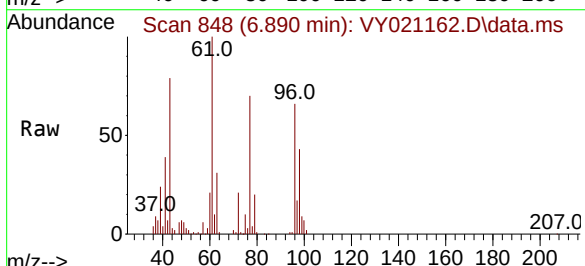
Acq: 10 Feb 2025 18:18

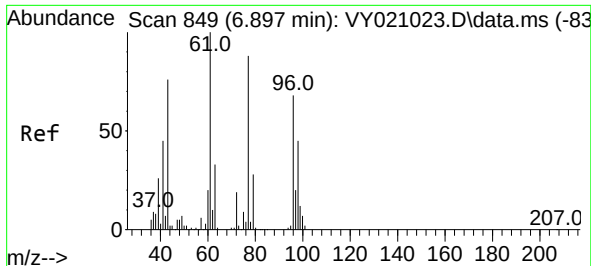
Tgt Ion: 77 Resp: 87900

Ion Ratio Lower Upper

77 100

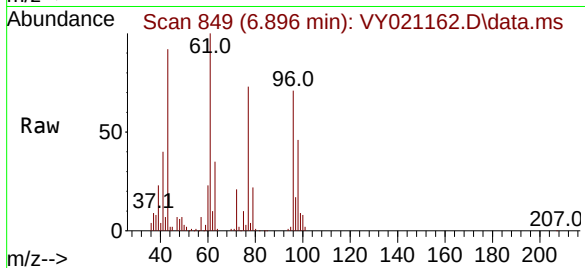
97 22.4 11.7 35.0





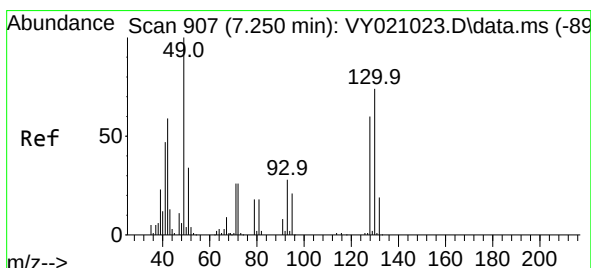
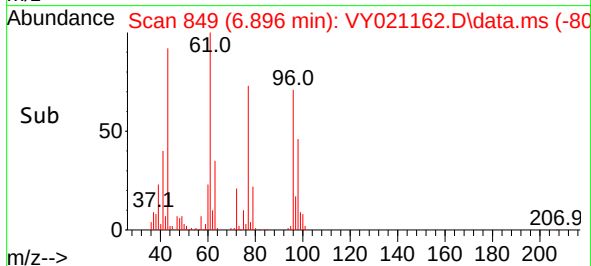
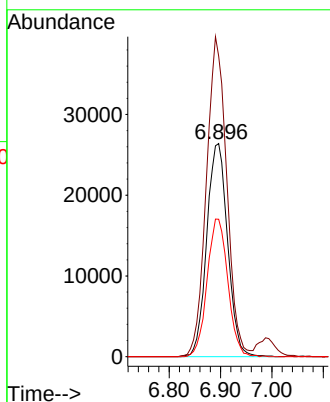
#27
 cis-1,2-Dichloroethene
 Concen: 50.341 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 74451

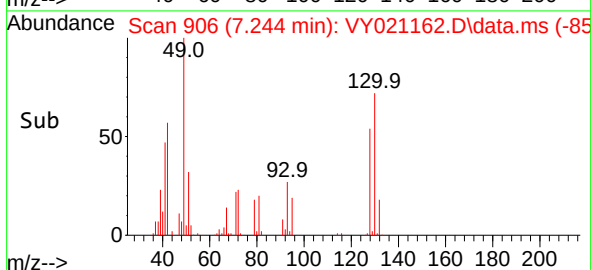
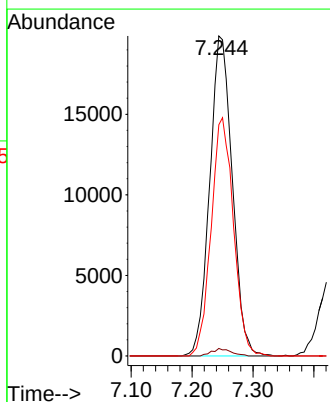
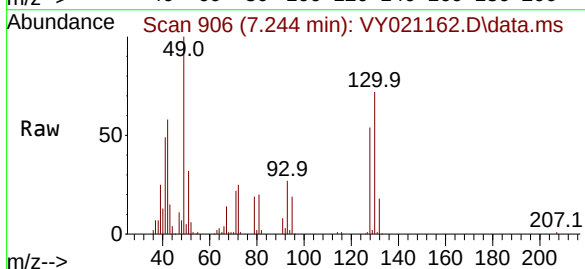
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	278.8
98	64.3	0.0	127.0

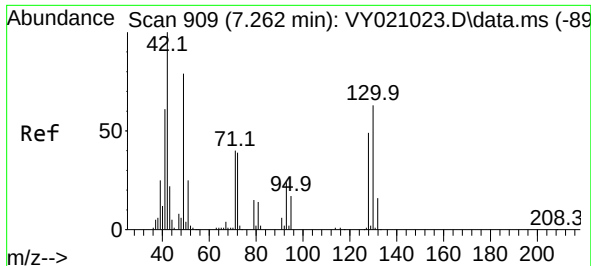


#28
 Bromochloromethane
 Concen: 54.395 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Tgt Ion: 49 Resp: 51100

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.8	59.8	89.8





#29

Tetrahydrofuran

Concen: 292.524 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021162.D

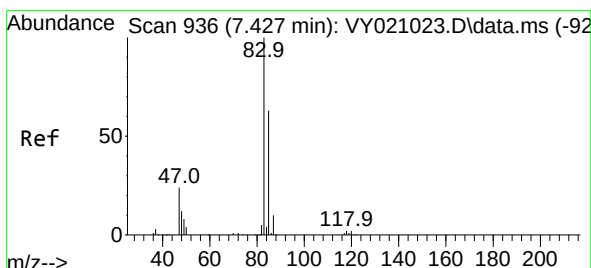
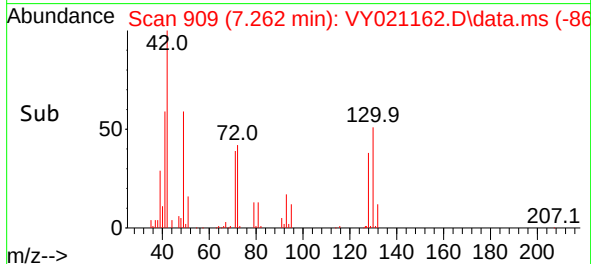
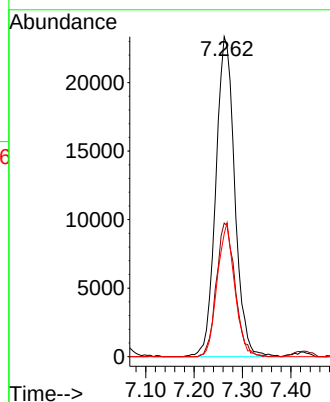
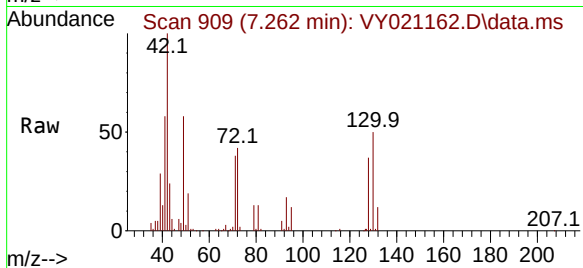
Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	63625
Ion	Ratio	Lower	Upper
42	100		
72	41.3	36.6	54.8
71	38.6	33.8	50.6



#30

Chloroform

Concen: 51.717 ug/l

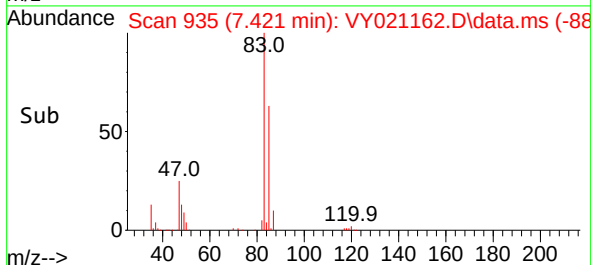
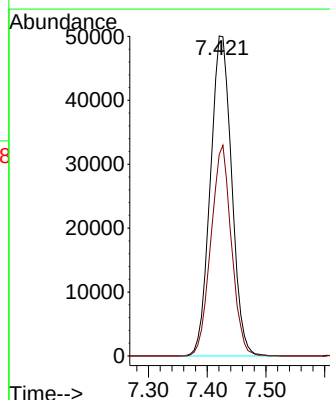
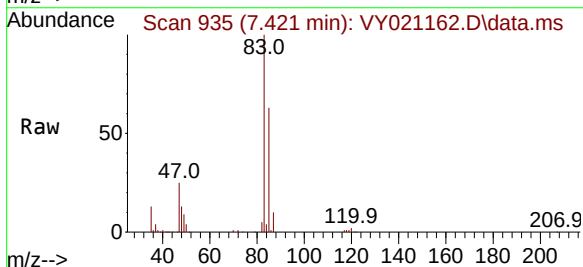
RT: 7.421 min Scan# 935

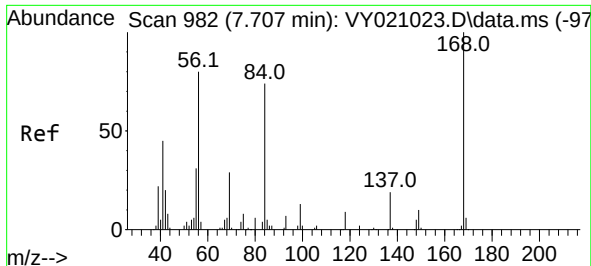
Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

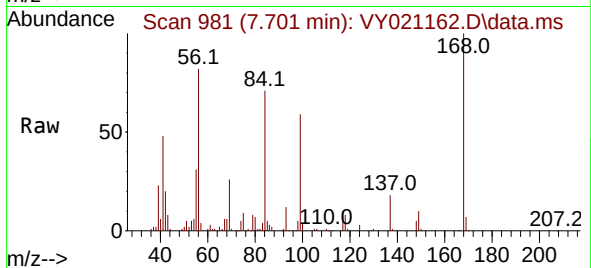
Tgt Ion:	83	Resp:	126203
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.2	76.8



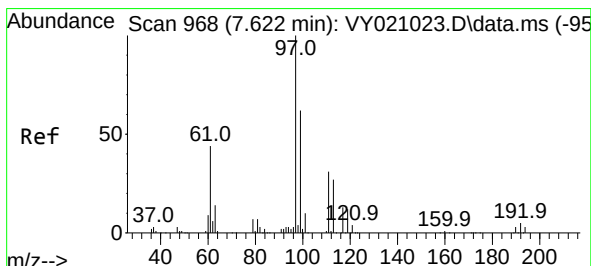
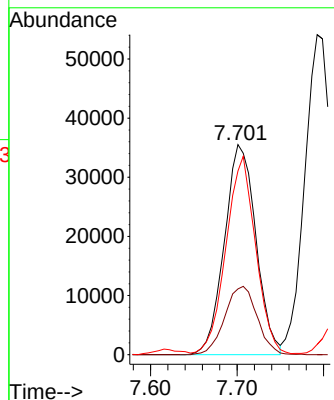
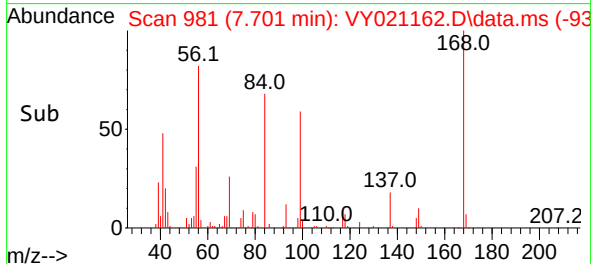


#31
Cyclohexane
Concen: 41.992 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

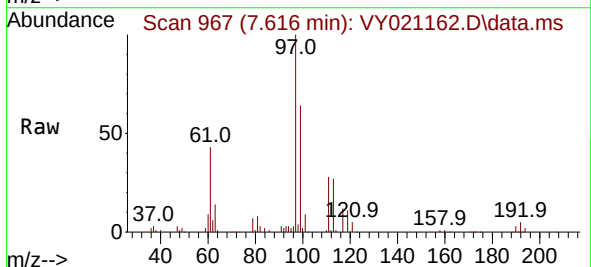
Instrument :
MSVOA_Y
ClientSampleId :



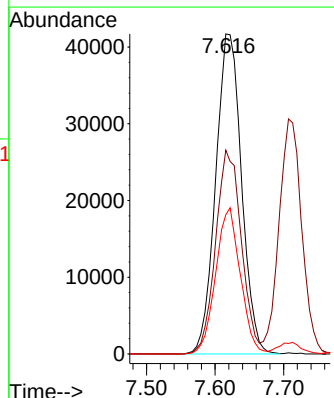
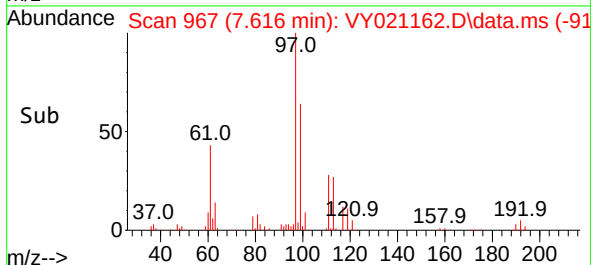
Tgt Ion: 56 Resp: 89837
Ion Ratio Lower Upper
56 100
69 31.3 27.0 40.6
84 85.8 71.8 107.6

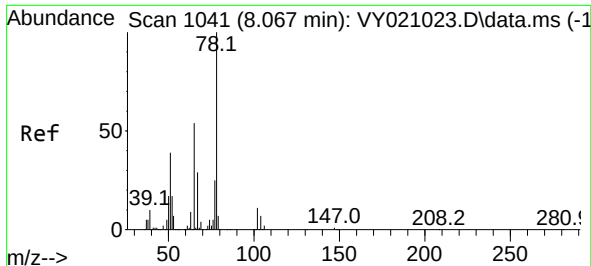


#32
1,1,1-Trichloroethane
Concen: 48.156 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18



Tgt Ion: 97 Resp: 109255
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 43.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 59.586 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

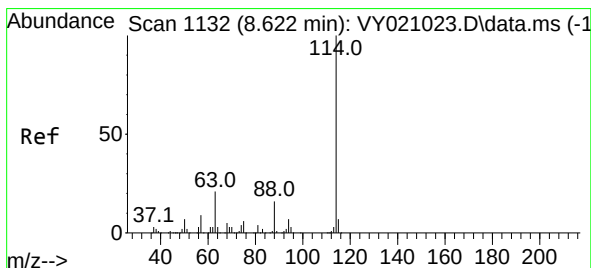
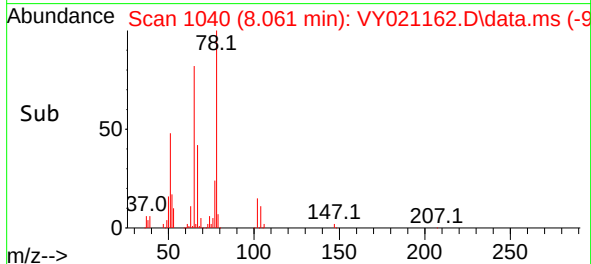
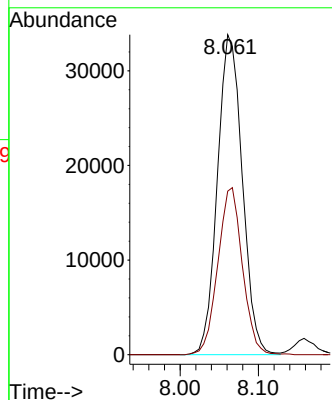
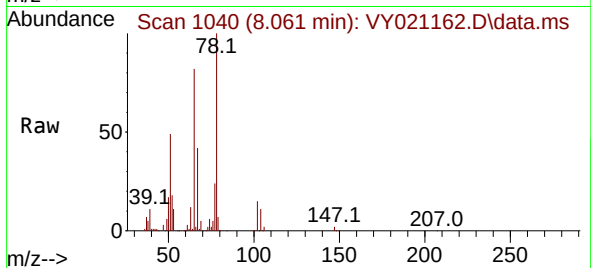
ClientSampleId :

Tgt Ion: 65 Resp: 74739

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

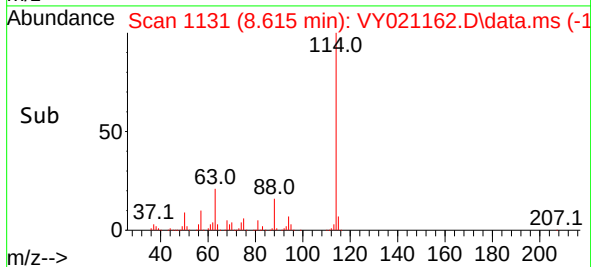
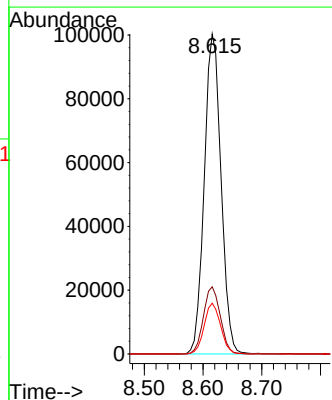
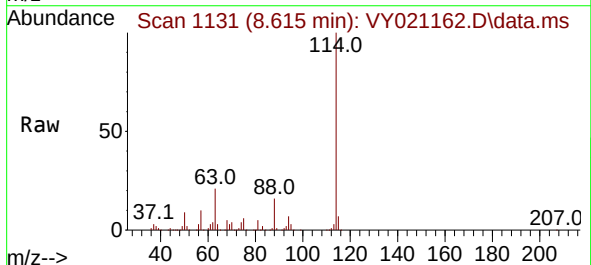
Tgt Ion: 114 Resp: 199291

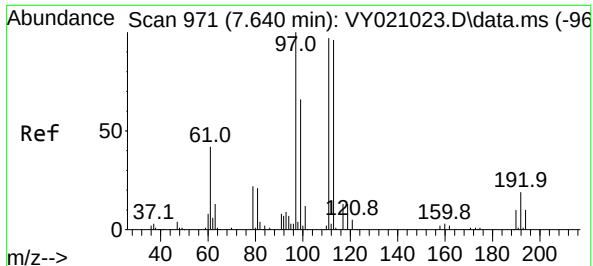
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.252 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

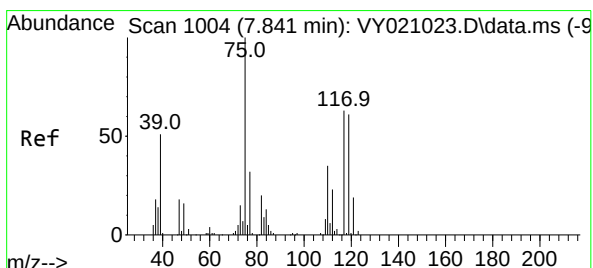
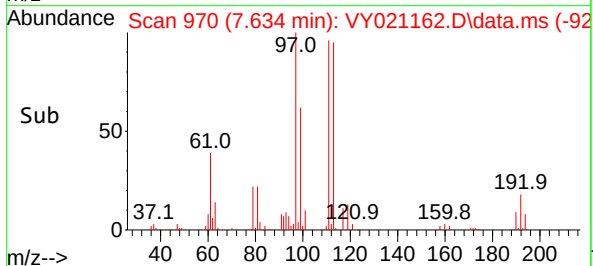
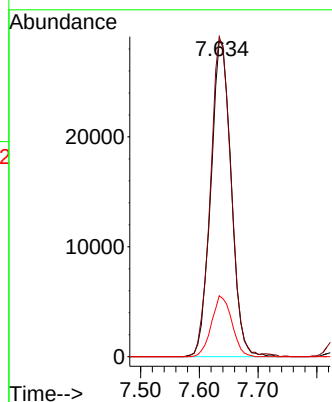
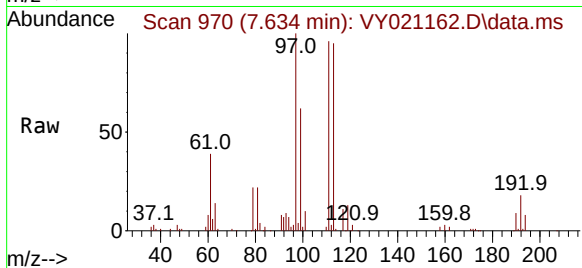
Tgt Ion:113 Resp: 69290

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 19.2 14.5 21.7



#36

1,1-Dichloropropene

Concen: 43.878 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

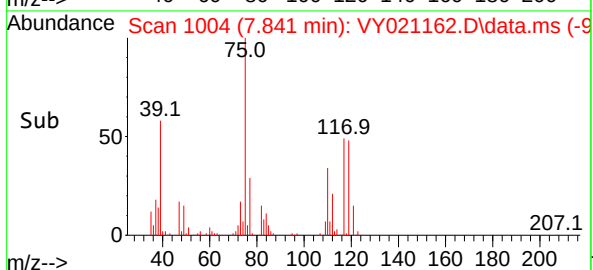
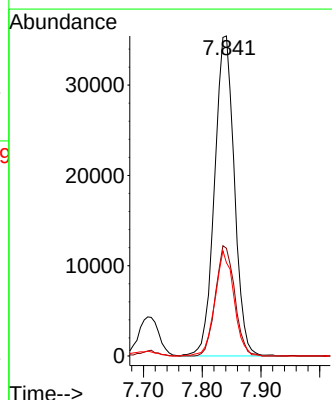
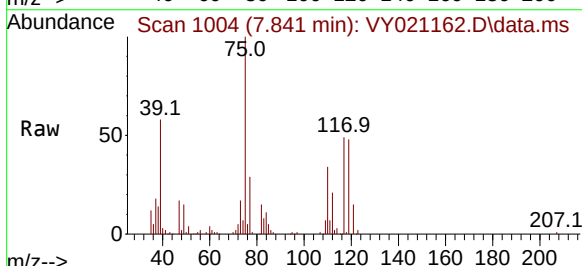
Tgt Ion: 75 Resp: 83007

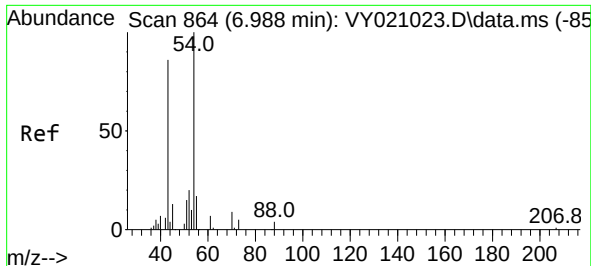
Ion Ratio Lower Upper

75 100

110 33.5 17.4 52.3

77 31.4 24.7 37.1

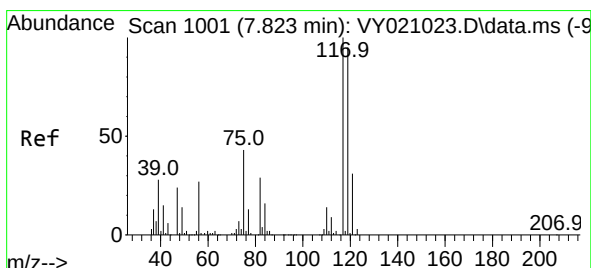
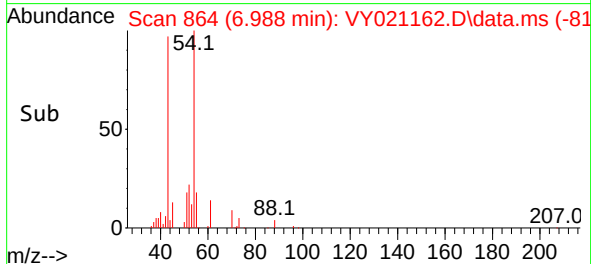
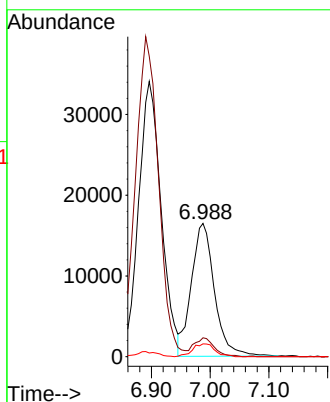
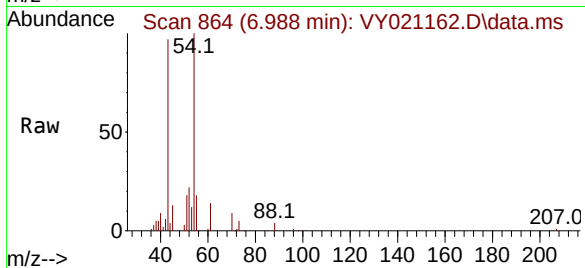




#37
Ethyl Acetate
Concen: 54.210 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

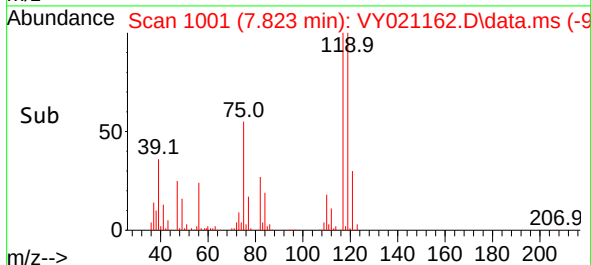
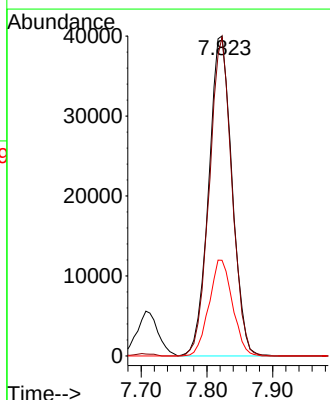
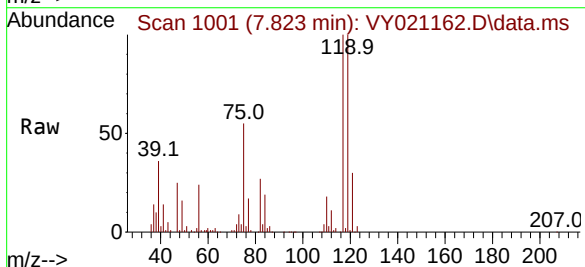
Instrument :
MSVOA_Y
ClientSampleId :

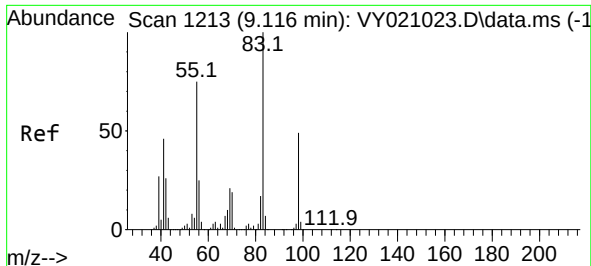
Tgt Ion: 43 Resp: 44988
Ion Ratio Lower Upper
43 100
61 12.1 11.0 16.6
70 9.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 44.660 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 117 Resp: 98717
Ion Ratio Lower Upper
117 100
119 99.6 76.0 114.0
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 41.759 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

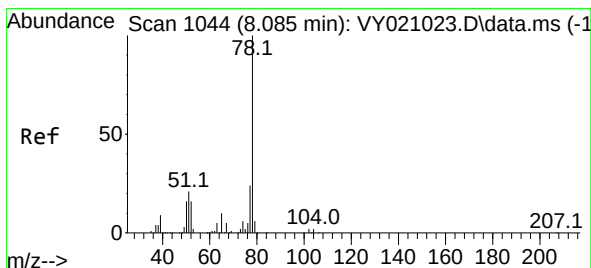
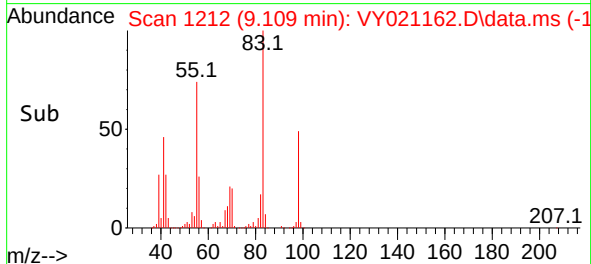
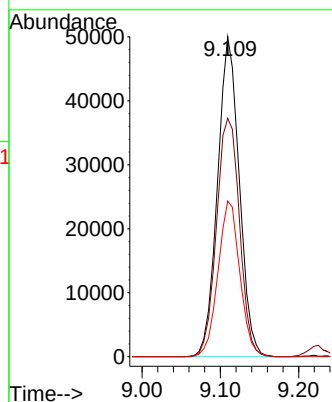
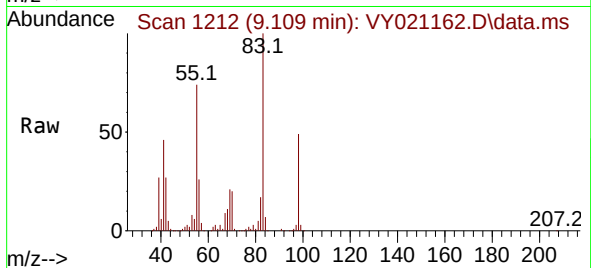
Tgt Ion: 83 Resp: 96628

Ion Ratio Lower Upper

83 100

55 74.5 59.7 89.5

98 48.7 38.0 57.0



#40

Benzene

Concen: 47.513 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021162.D

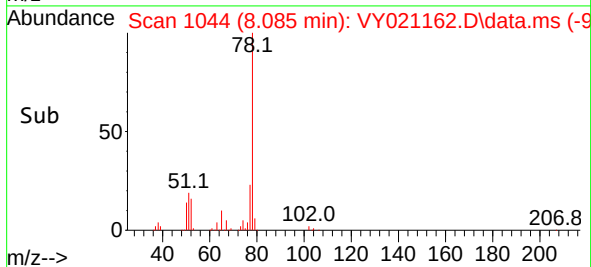
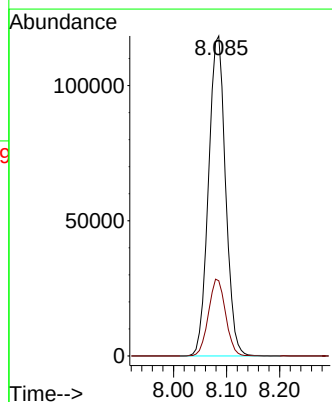
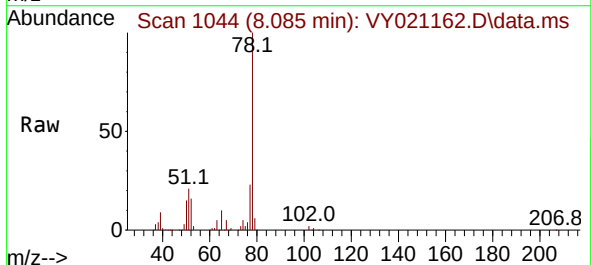
Acq: 10 Feb 2025 18:18

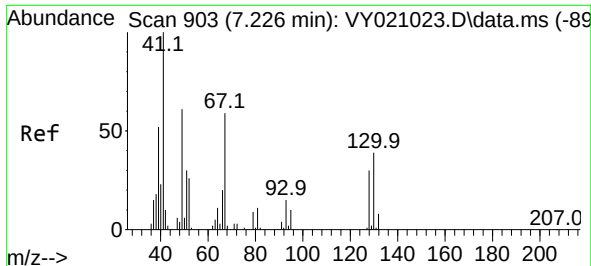
Tgt Ion: 78 Resp: 263771

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



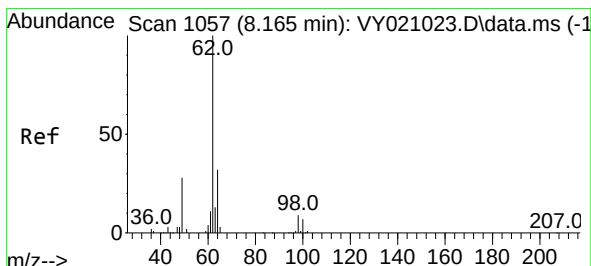
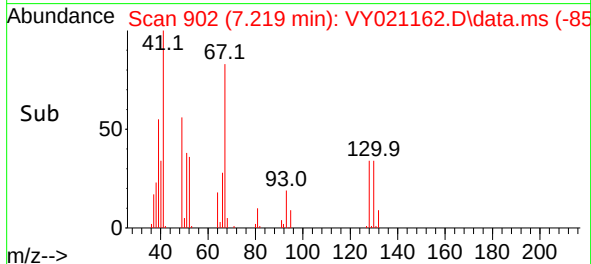
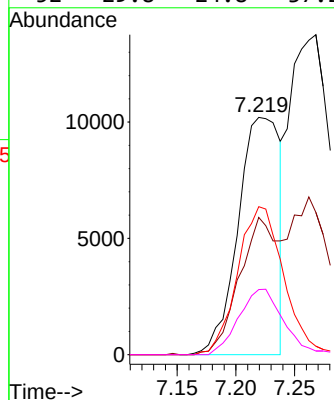
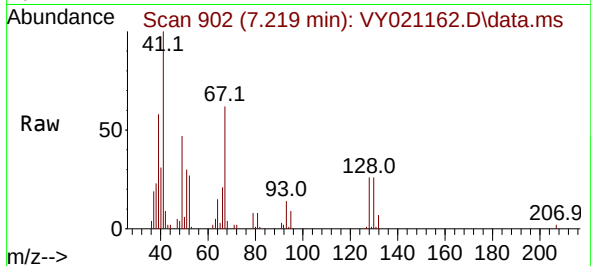


#41
Methacrylonitrile
Concen: 52.547 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 25229

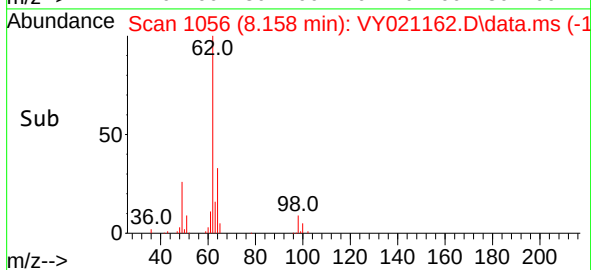
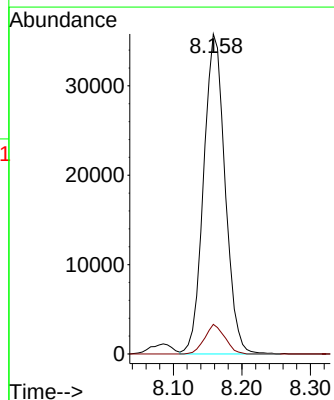
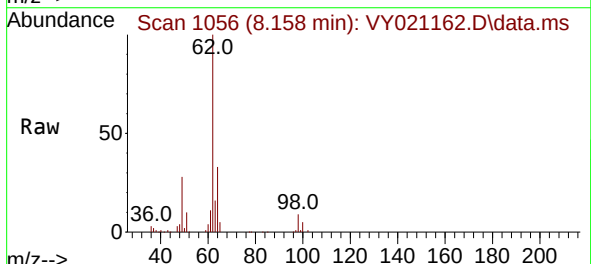
Ion	Ratio	Lower	Upper
41	100		
39	46.4	41.9	62.9
67	68.8	59.8	89.6
52	29.8	24.8	37.2

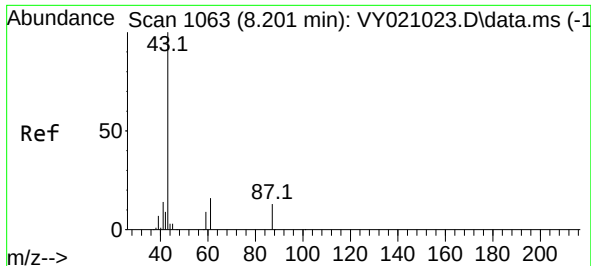


#42
1,2-Dichloroethane
Concen: 50.737 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 62 Resp: 78136

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.2

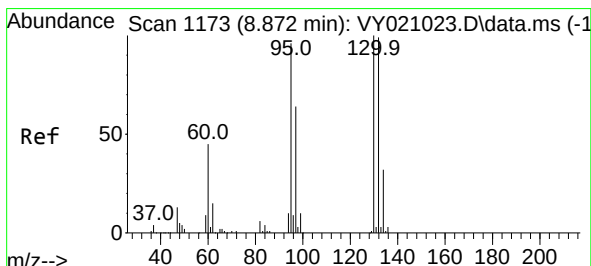
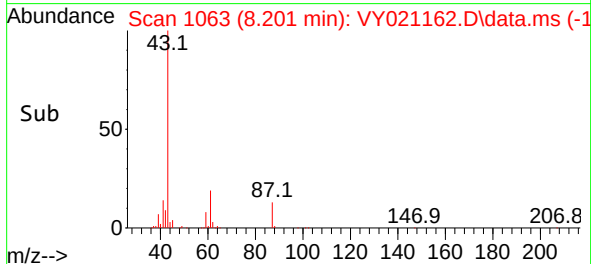
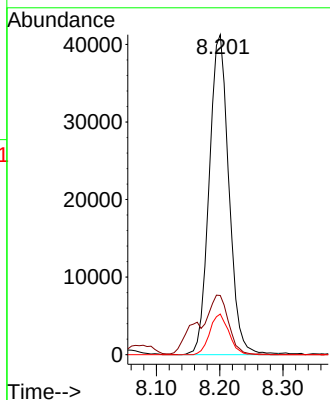
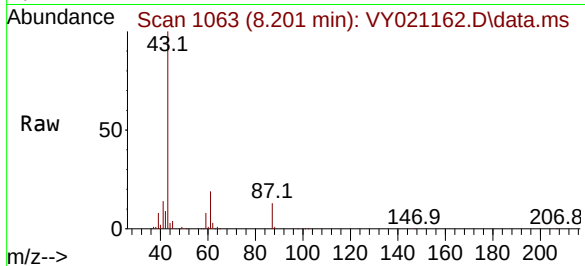




#43
Isopropyl Acetate
Concen: 53.908 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

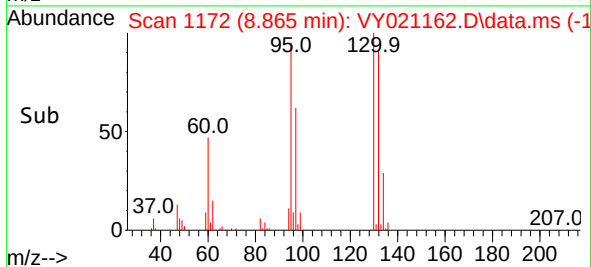
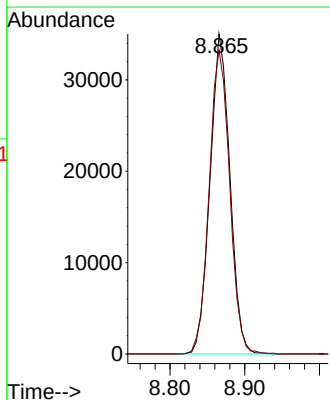
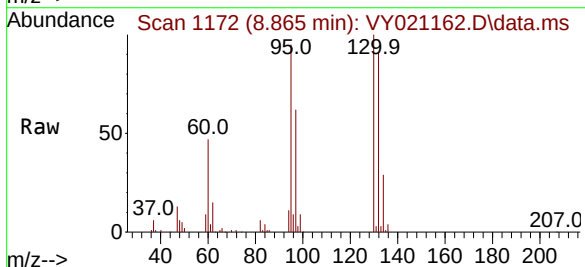
Instrument :
MSVOA_Y
ClientSampleId :

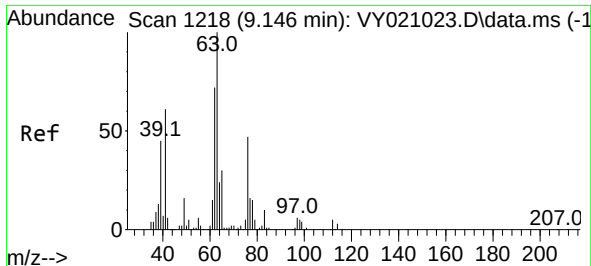
Tgt Ion: 43 Resp: 88894
Ion Ratio Lower Upper
43 100
61 19.2 24.8 37.2#
87 12.3 10.7 16.1



#44
Trichloroethene
Concen: 45.189 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion:130 Resp: 64815
Ion Ratio Lower Upper
130 100
95 94.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 48.821 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

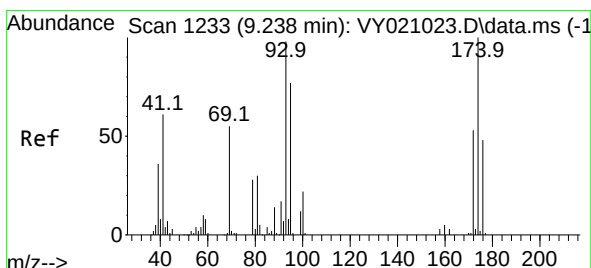
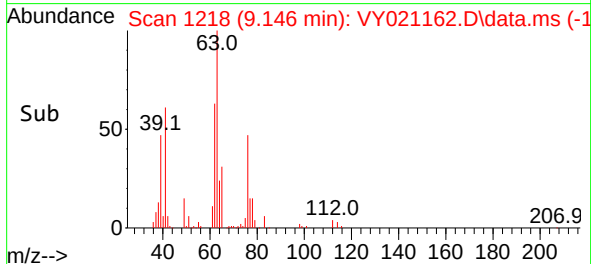
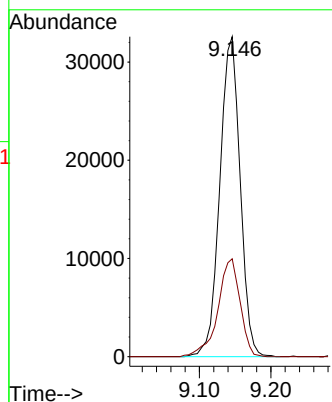
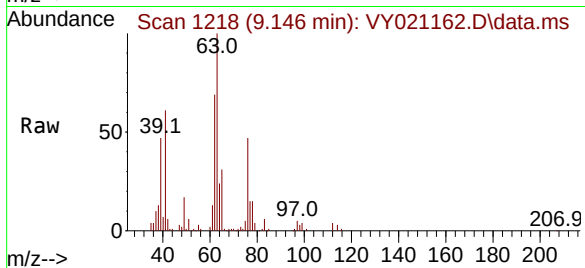
ClientSampleId :

Tgt Ion: 63 Resp: 64330

Ion Ratio Lower Upper

63 100

65 30.6 24.6 36.8



#46

Dibromomethane

Concen: 51.292 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

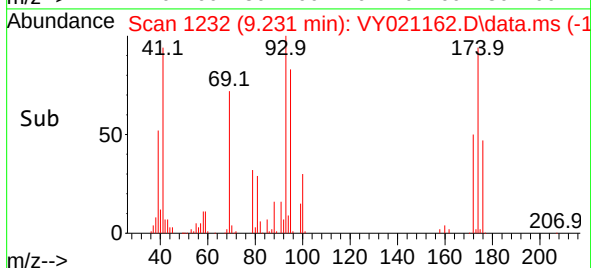
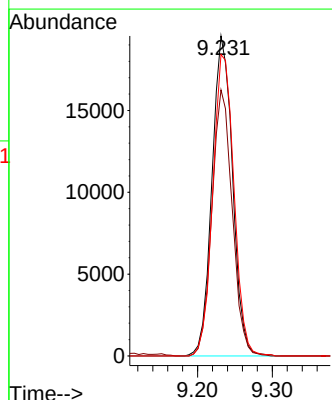
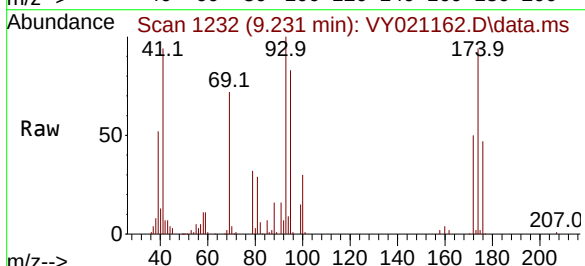
Tgt Ion: 93 Resp: 37421

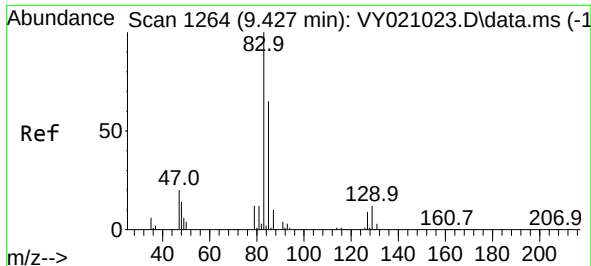
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 96.8 73.8 110.6



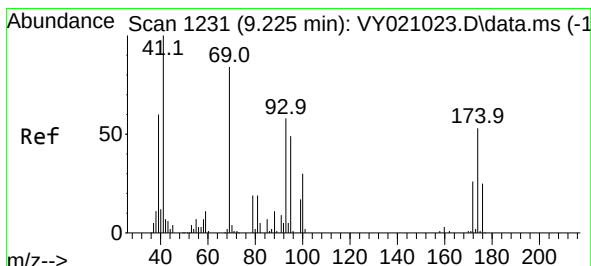
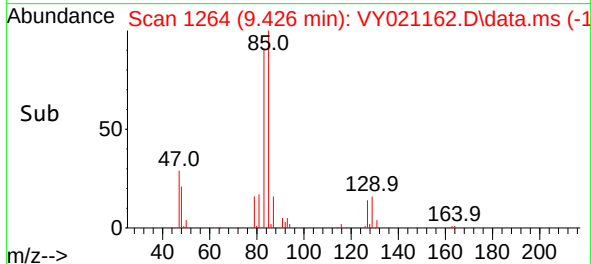
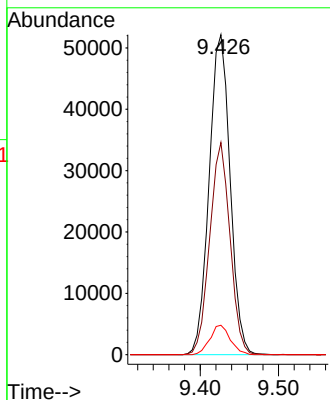
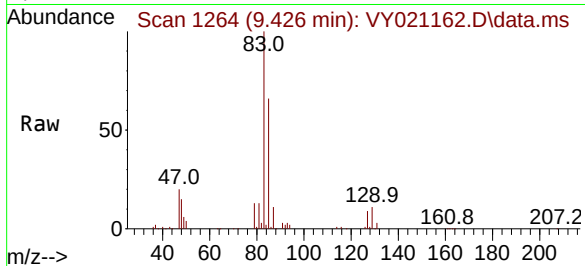


#47
 Bromodichloromethane
 Concen: 49.568 ug/l
 RT: 9.426 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 83 Resp: 96987

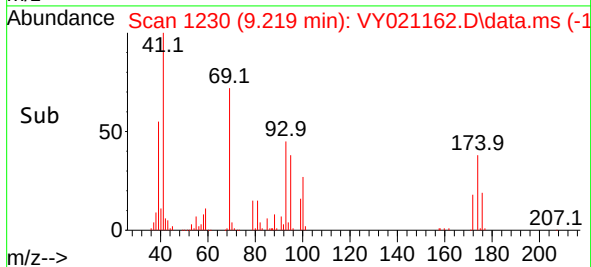
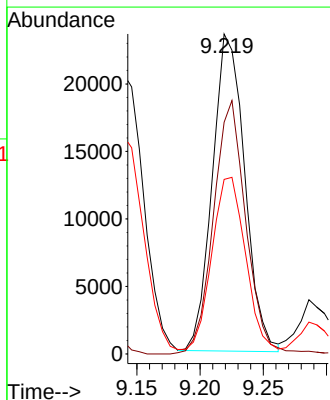
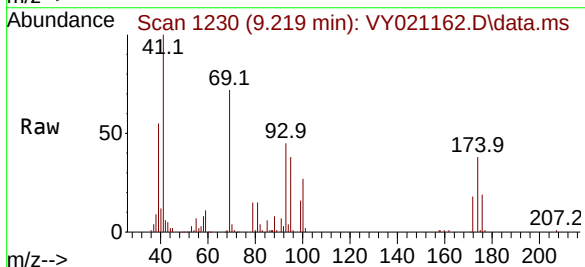
Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.2	79.8
127	9.2	6.4	9.6

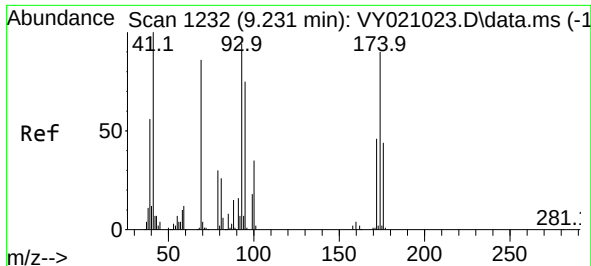


#48
 Methyl methacrylate
 Concen: 55.612 ug/l
 RT: 9.219 min Scan# 1230
 Delta R.T. -0.006 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Tgt Ion: 41 Resp: 41772

Ion	Ratio	Lower	Upper
41	100		
69	80.6	72.1	108.1
39	58.9	42.8	64.2





#49

1,4-Dioxane

Concen: 1174.960 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

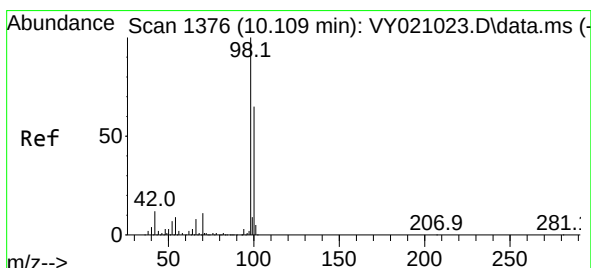
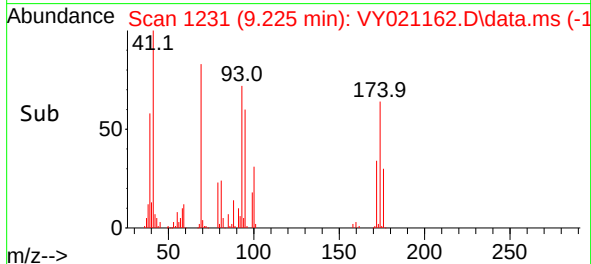
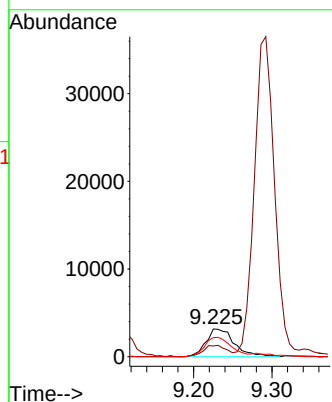
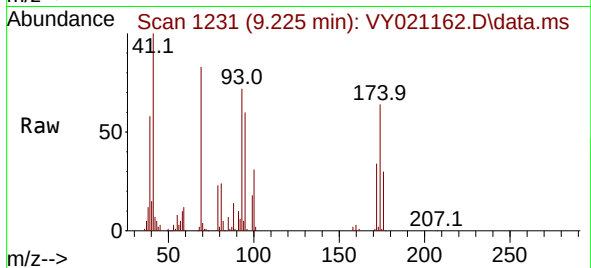
Tgt Ion: 88 Resp: 7980

Ion Ratio Lower Upper

88 100

43 33.4 28.2 42.4

58 66.0 52.2 78.2



#50

Toluene-d8

Concen: 52.889 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021162.D

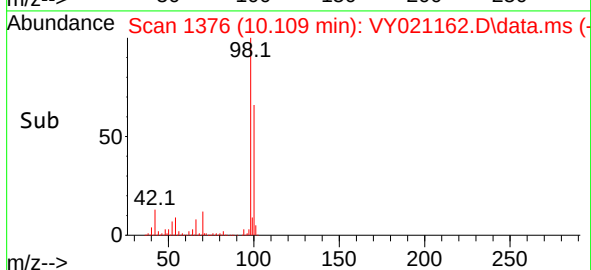
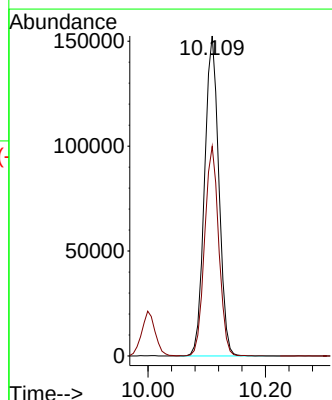
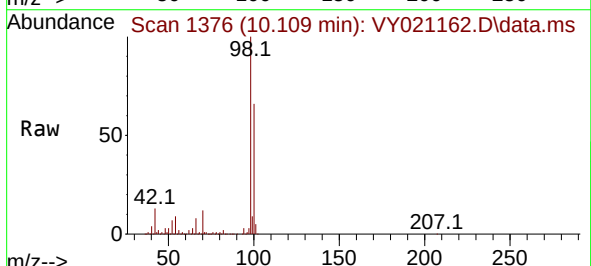
Acq: 10 Feb 2025 18:18

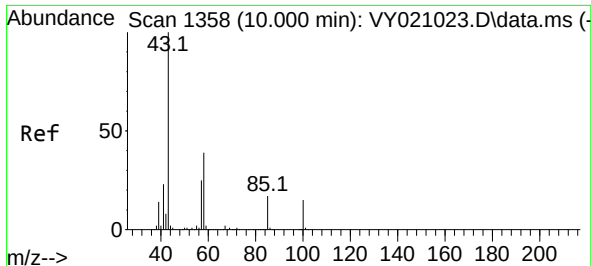
Tgt Ion: 98 Resp: 257166

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

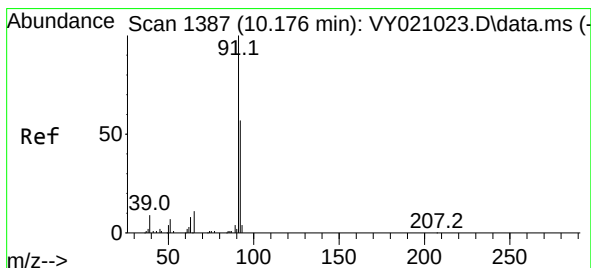
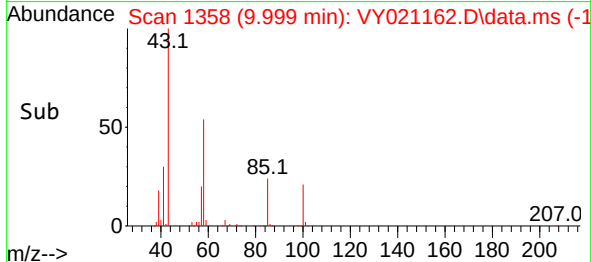
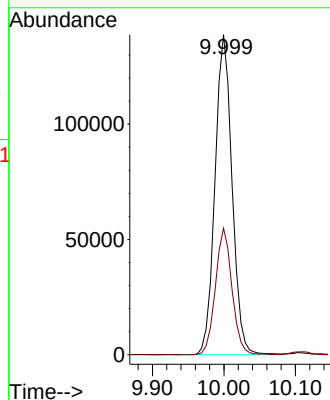
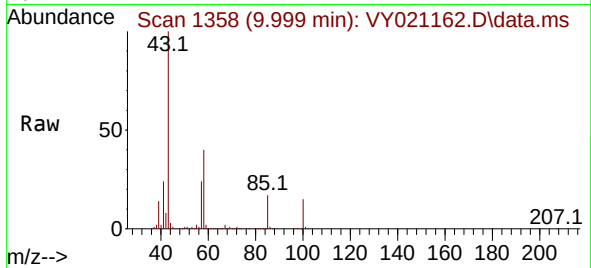




#51
4-Methyl-2-Pentanone
Concen: 277.208 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

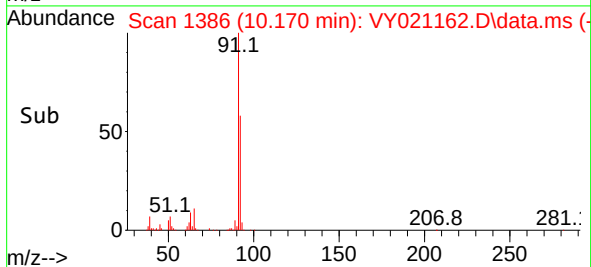
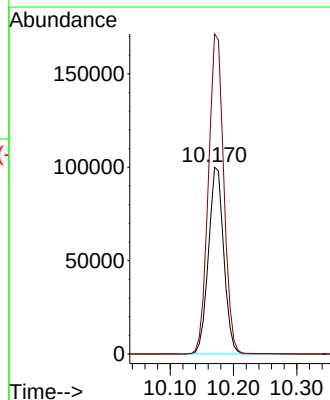
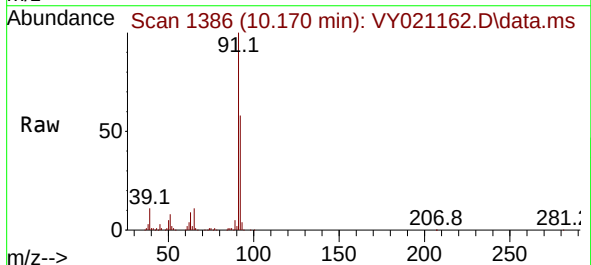
Instrument :
MSVOA_Y
ClientSampleId :

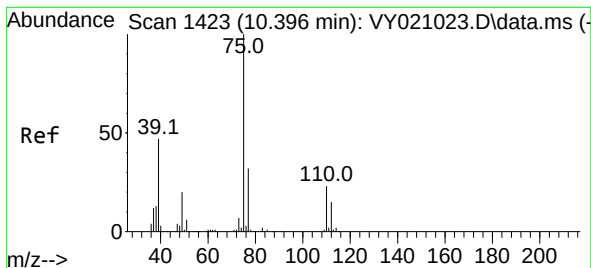
Tgt Ion: 43 Resp: 229870
Ion Ratio Lower Upper
43 100
58 38.4 32.2 48.2



#52
Toluene
Concen: 48.171 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 92 Resp: 167918
Ion Ratio Lower Upper
92 100
91 172.7 137.6 206.4

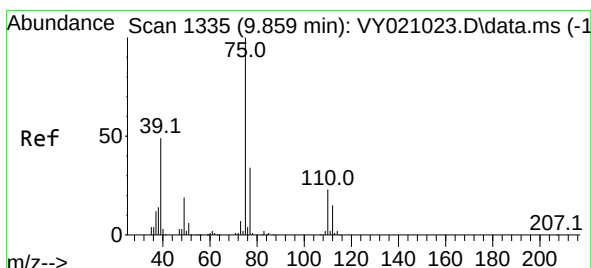
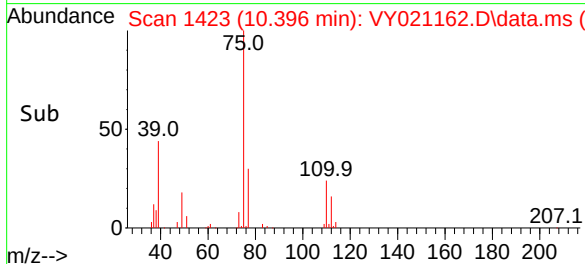
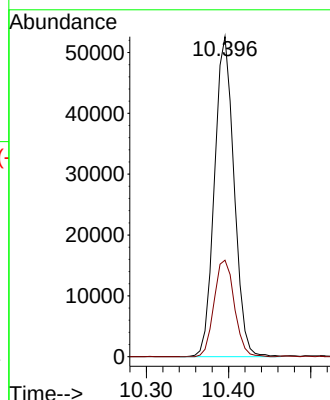
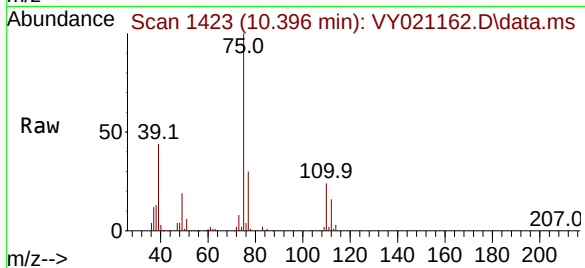




#53
t-1,3-Dichloropropene
Concen: 49.533 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

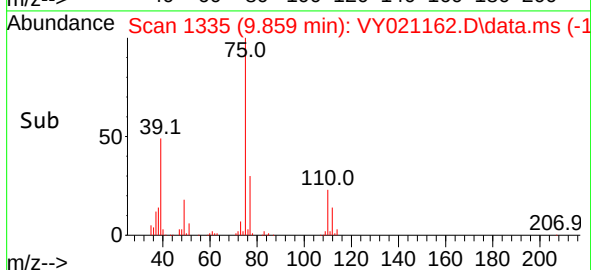
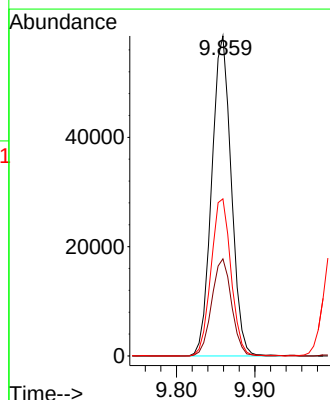
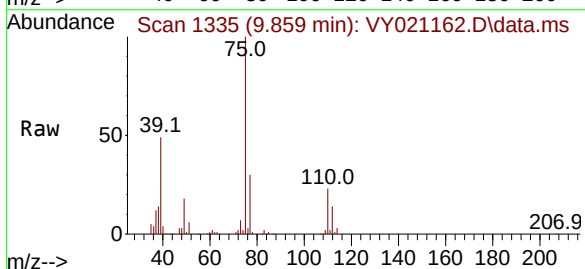
Instrument :
MSVOA_Y
ClientSampleId :

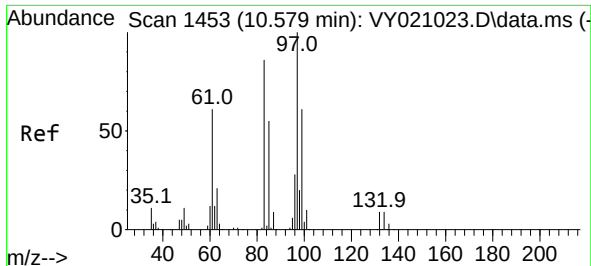
Tgt Ion: 75 Resp: 87026
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 48.646 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 75 Resp: 101196
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8
39 49.1 33.6 50.4

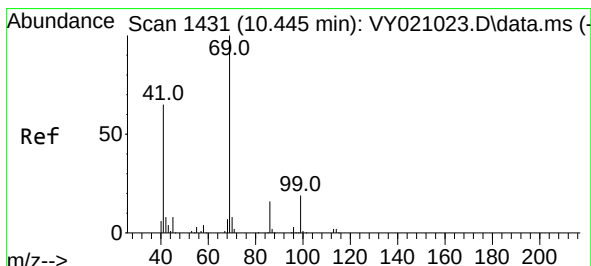
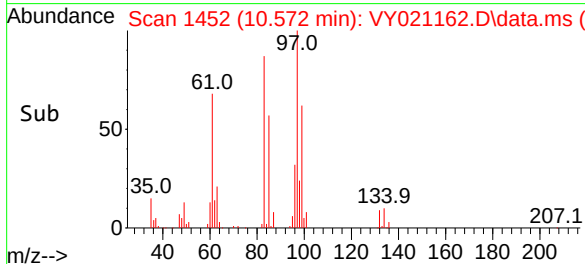
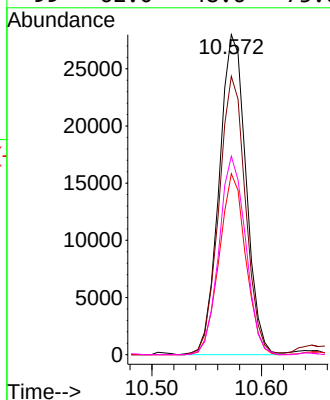
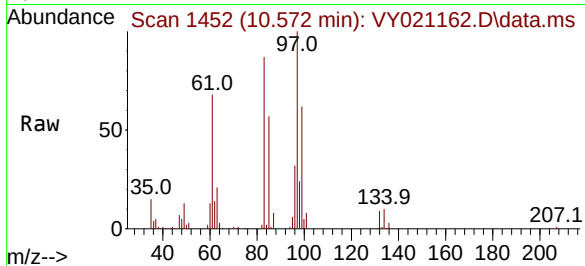




#55
1,1,2-Trichloroethane
Concen: 50.481 ug/l
RT: 10.572 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

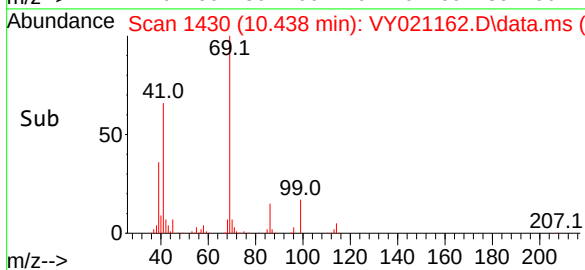
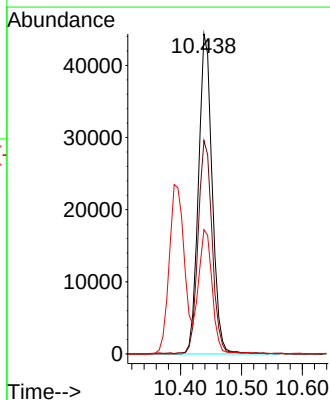
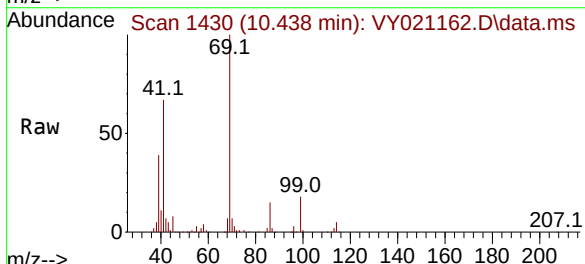
Instrument :
MSVOA_Y
ClientSampleId :

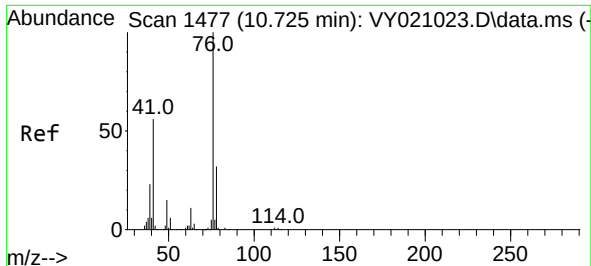
Tgt Ion: 97	Resp: 47692
Ion Ratio	Lower Upper
97 100	
83 87.0	69.4 104.2
85 56.6	43.9 65.9
99 62.0	48.6 73.0



#56
Ethyl methacrylate
Concen: 54.905 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 69	Resp: 69392
Ion Ratio	Lower Upper
69 100	
41 68.8	49.2 73.8
39 37.4	26.8 40.2

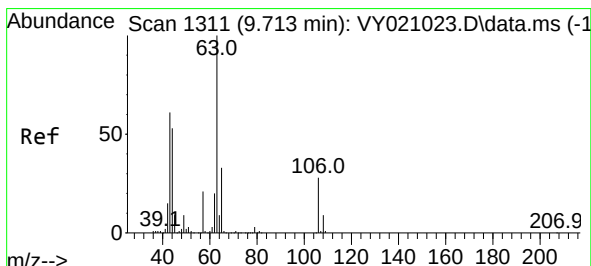
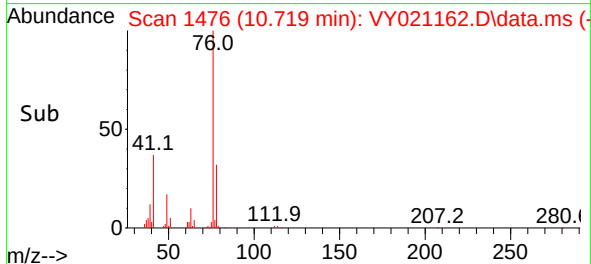
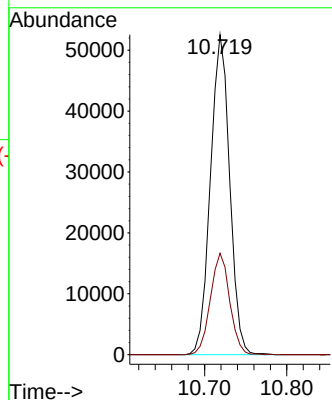
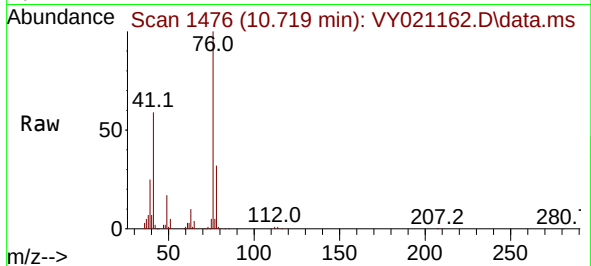




#57
1,3-Dichloropropane
Concen: 52.287 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

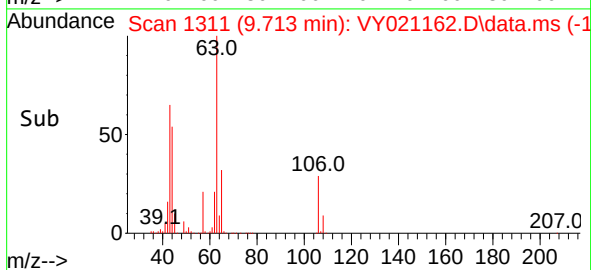
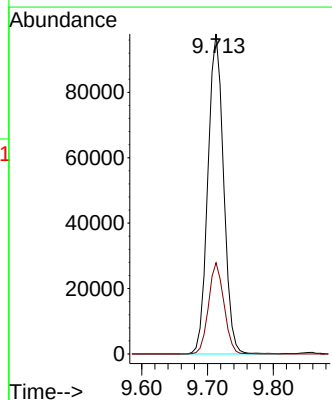
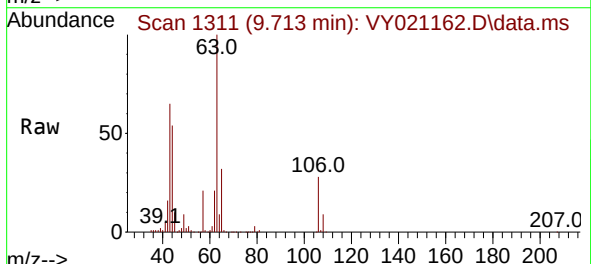
Instrument :
MSVOA_Y
ClientSampleId :

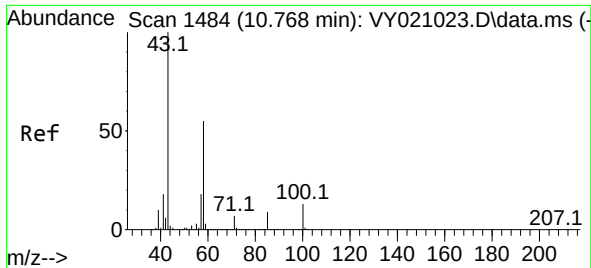
Tgt Ion: 76 Resp: 85501
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 270.173 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 63 Resp: 162448
Ion Ratio Lower Upper
63 100
106 27.9 22.4 33.6

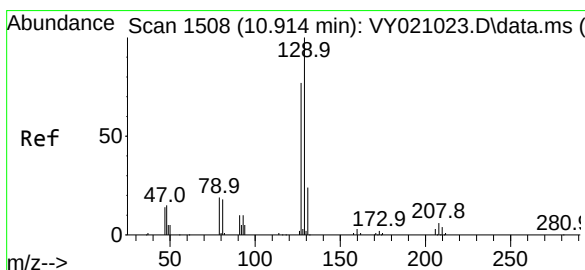
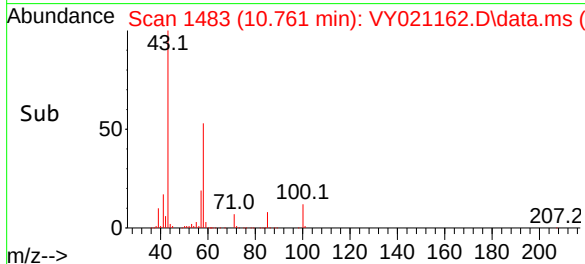
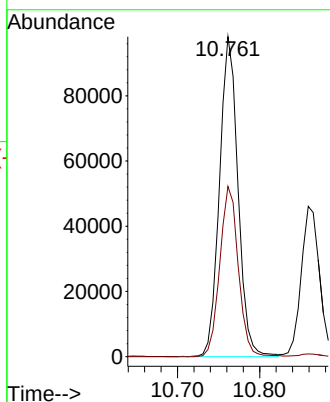
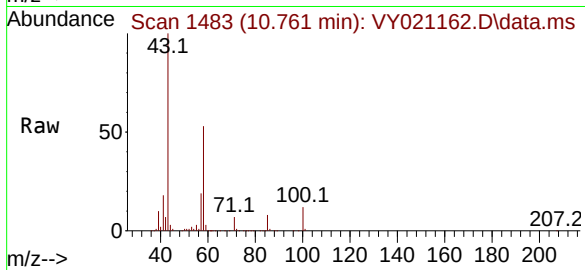




#59
2-Hexanone
Concen: 287.119 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

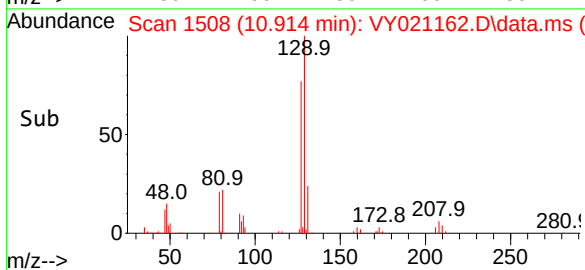
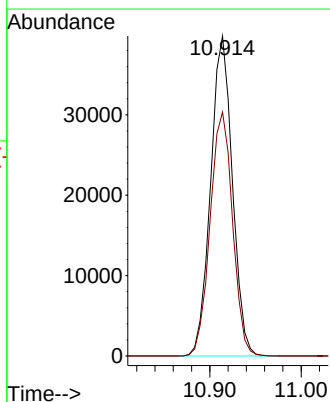
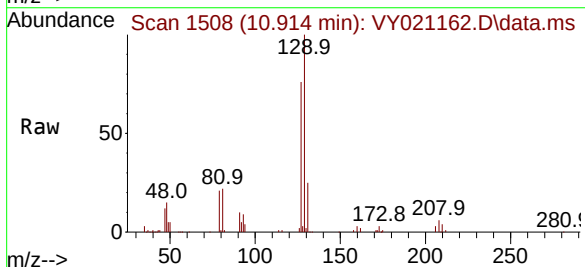
Instrument :
MSVOA_Y
ClientSampleId :

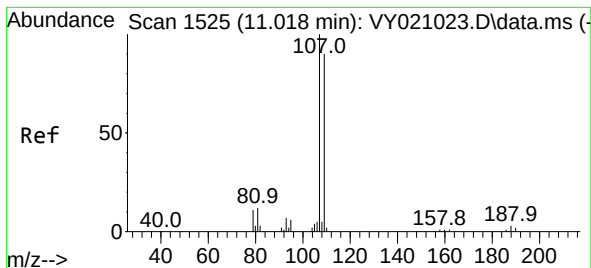
Tgt Ion: 43 Resp: 153296
Ion Ratio Lower Upper
43 100
58 53.3 28.1 84.3



#60
Dibromochloromethane
Concen: 49.532 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 129 Resp: 65717
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.027 ug/l

RT: 11.017 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

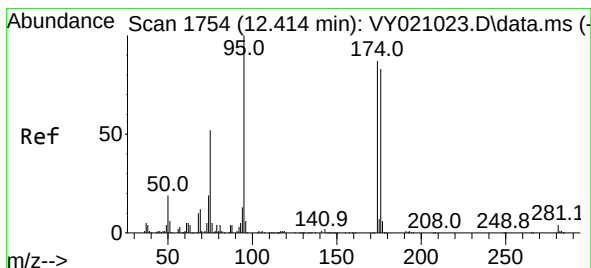
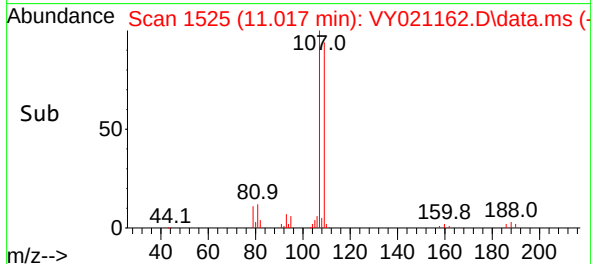
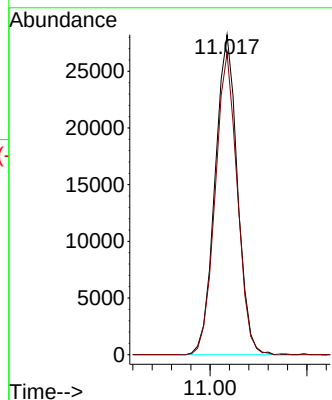
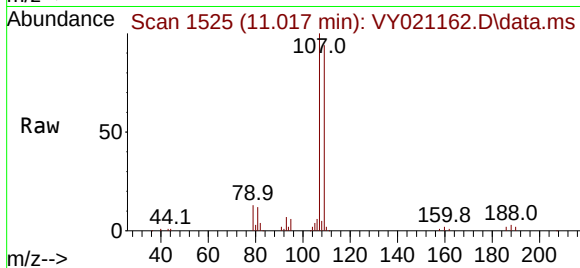
ClientSampleId :

Tgt Ion:107 Resp: 45155

Ion Ratio Lower Upper

107 100

109 93.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 57.281 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

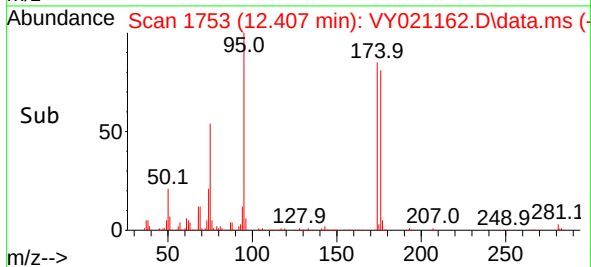
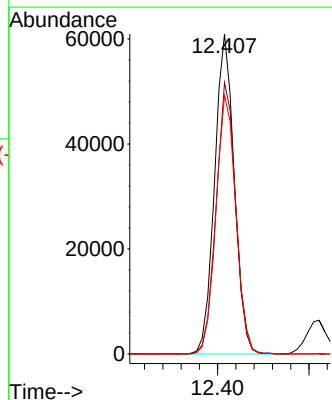
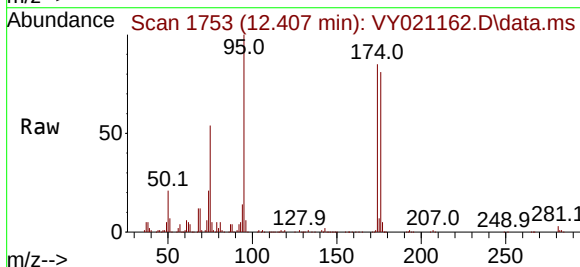
Tgt Ion: 95 Resp: 90992

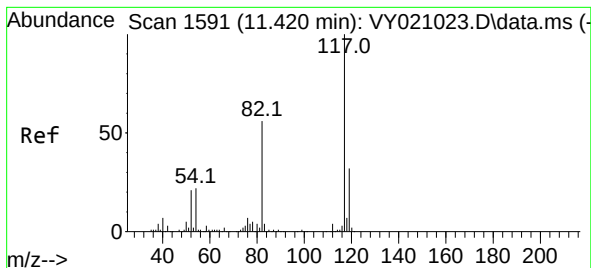
Ion Ratio Lower Upper

95 100

174 84.9 0.0 160.0

176 81.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

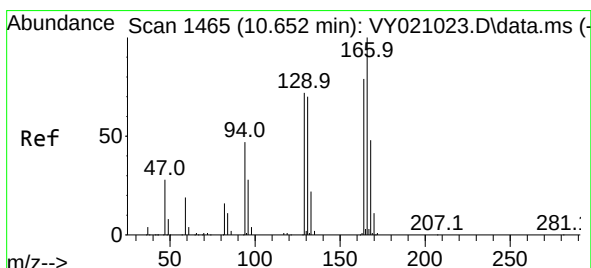
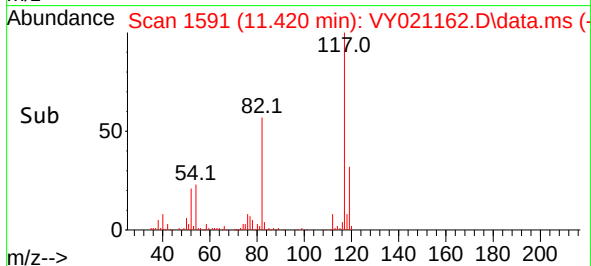
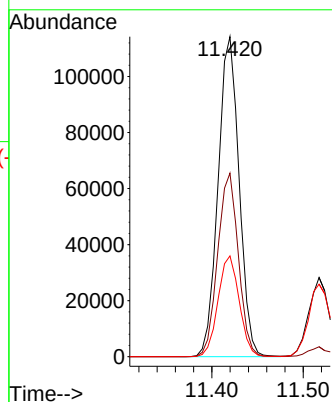
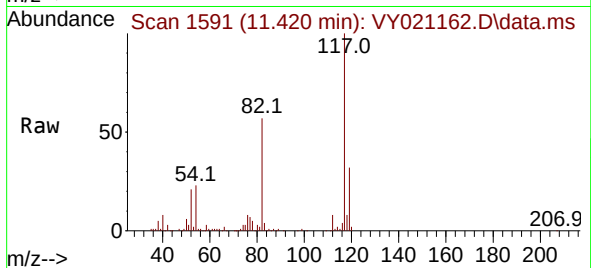
Tgt Ion:117 Resp: 182819

Ion Ratio Lower Upper

117 100

82 57.4 43.8 65.8

119 31.5 26.5 39.7



#64

Tetrachloroethene

Concen: 41.957 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Tgt Ion:164 Resp: 56942

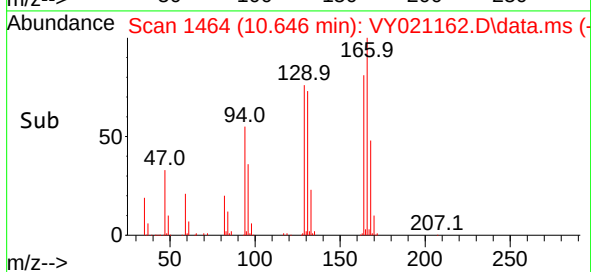
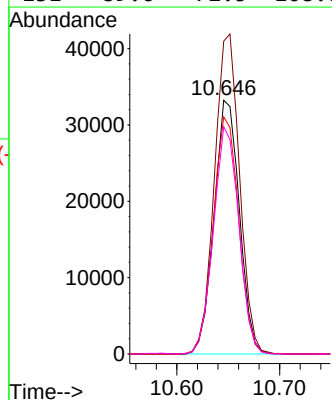
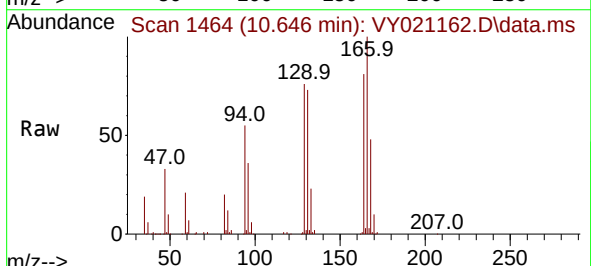
Ion Ratio Lower Upper

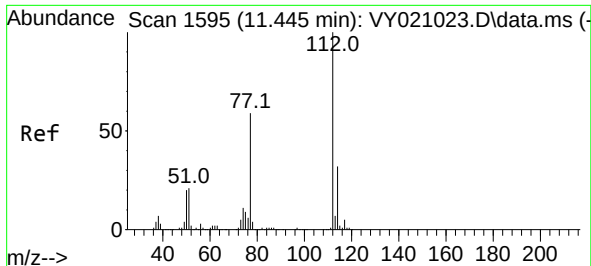
164 100

166 123.4 98.8 148.2

129 93.4 78.9 118.3

131 89.6 72.5 108.7

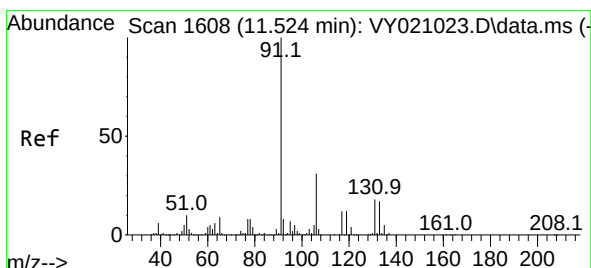
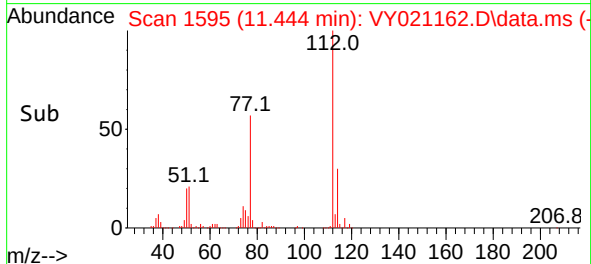
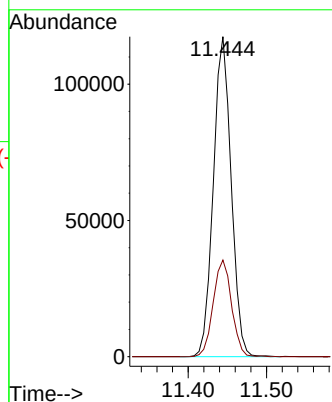
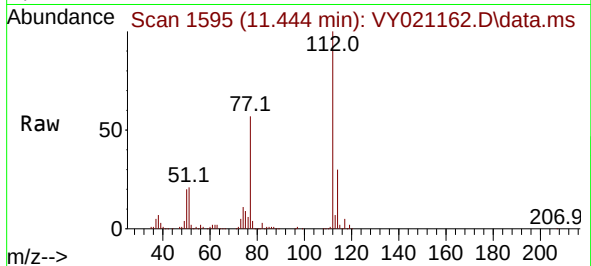




#65
Chlorobenzene
Concen: 45.645 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

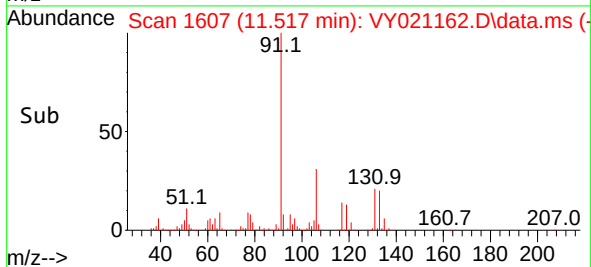
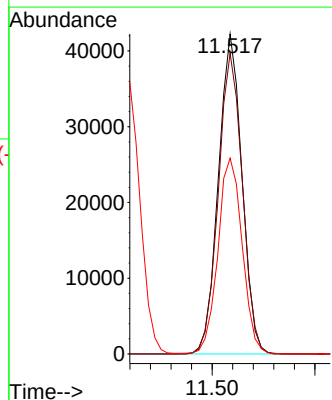
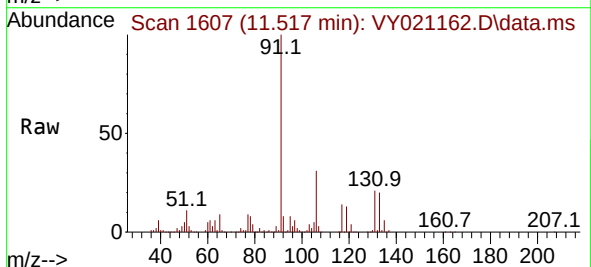
Instrument :
MSVOA_Y
ClientSampleId :

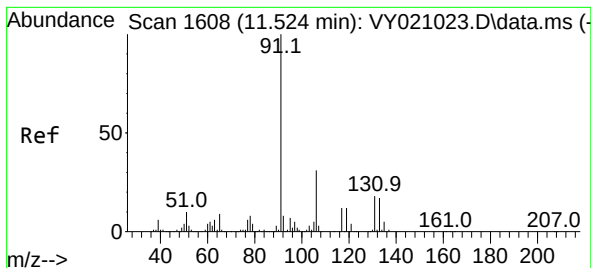
Tgt Ion:112 Resp: 185810
Ion Ratio Lower Upper
112 100
114 30.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 46.380 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion:131 Resp: 67095
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.0
119 63.2 33.3 99.9

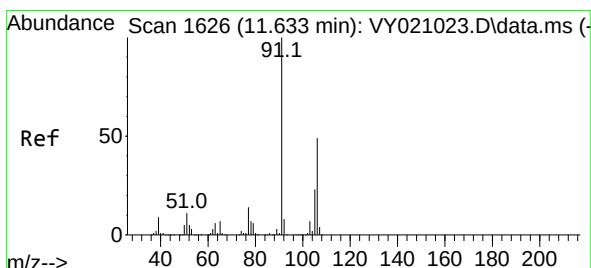
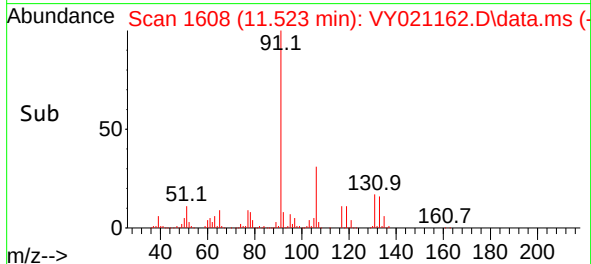
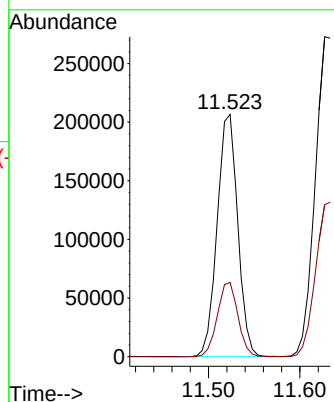
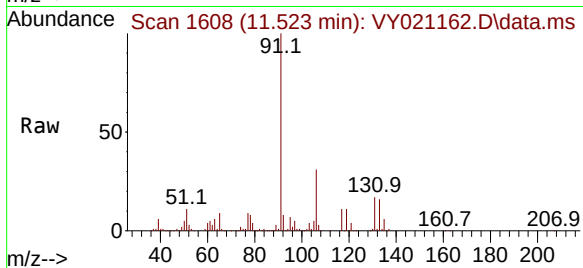




#67
Ethyl Benzene
Concen: 44.922 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

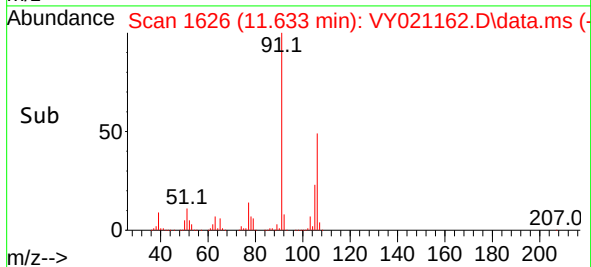
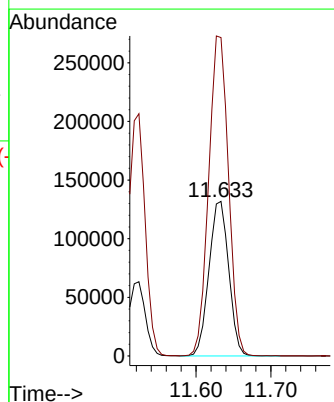
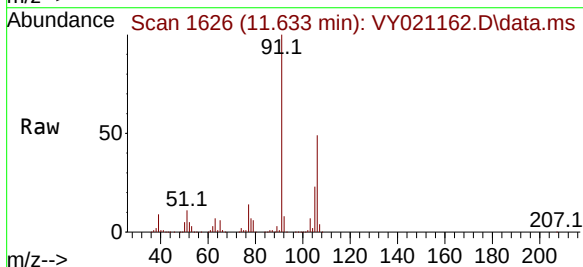
Instrument :
MSVOA_Y
ClientSampleId :

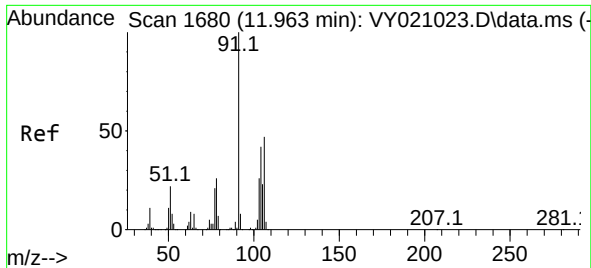
Tgt Ion: 91 Resp: 323443
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 89.831 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion:106 Resp: 241966
Ion Ratio Lower Upper
106 100
91 207.2 160.7 241.1

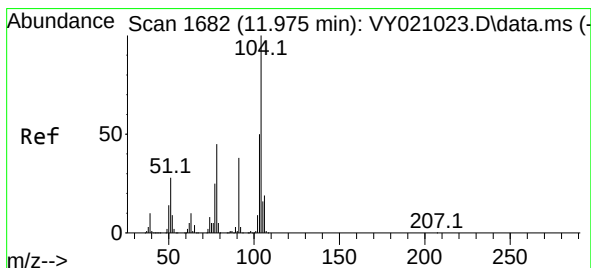
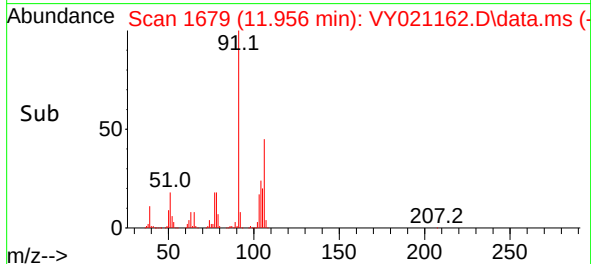
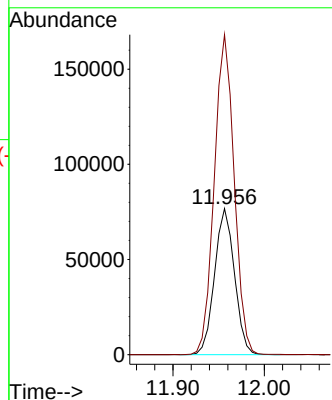
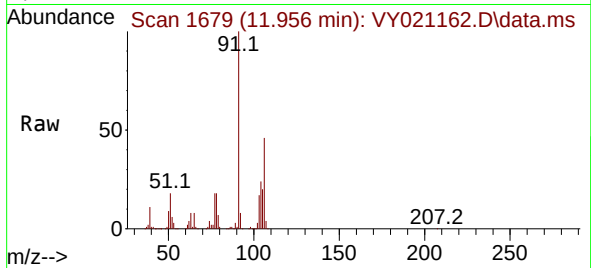




#69
o-Xylene
Concen: 46.259 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

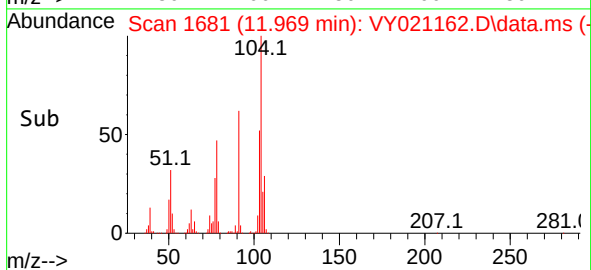
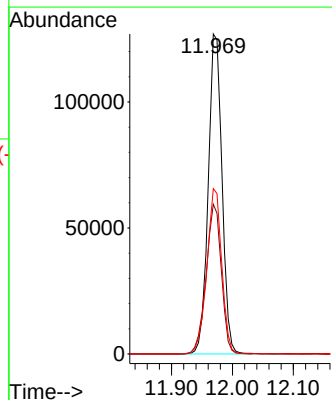
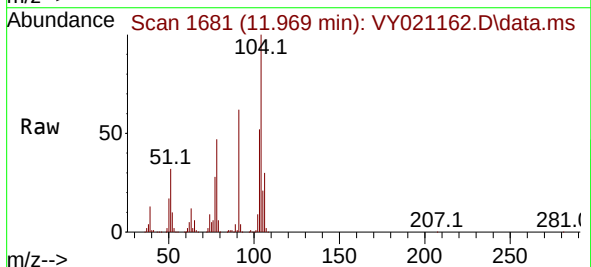
Instrument :
MSVOA_Y
ClientSampleId :

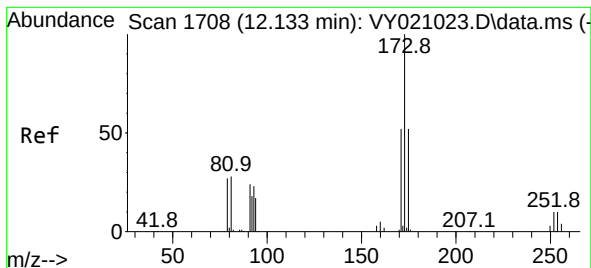
Tgt Ion:106 Resp: 116170
Ion Ratio Lower Upper
106 100
91 219.3 106.5 319.5



#70
Styrene
Concen: 47.730 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion:104 Resp: 199778
Ion Ratio Lower Upper
104 100
78 51.7 39.2 58.8
103 55.7 43.8 65.6





#71

Bromoform

Concen: 50.117 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021162.D

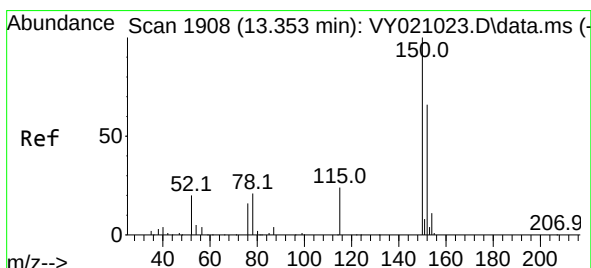
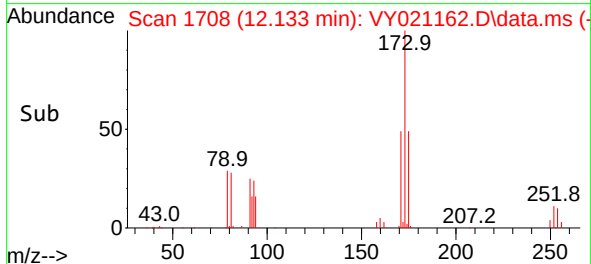
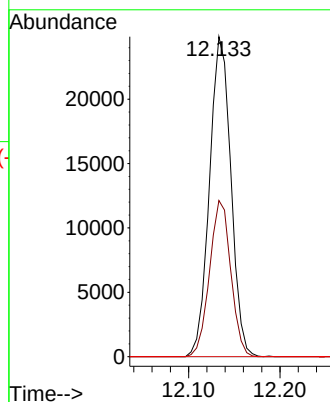
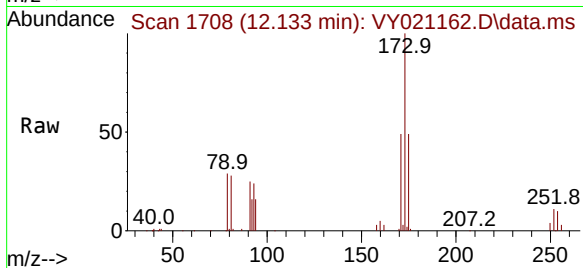
Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	40356
Ion Ratio	Lower	Upper
173	100	
175	48.5	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

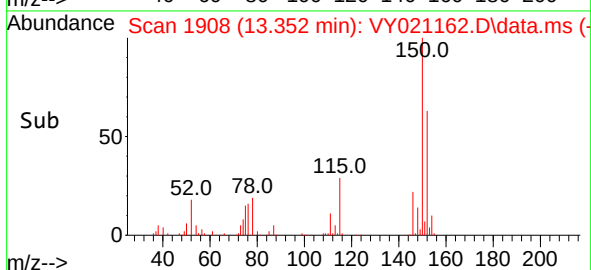
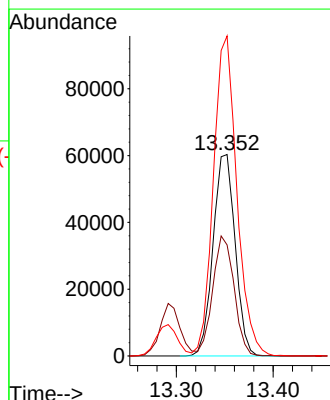
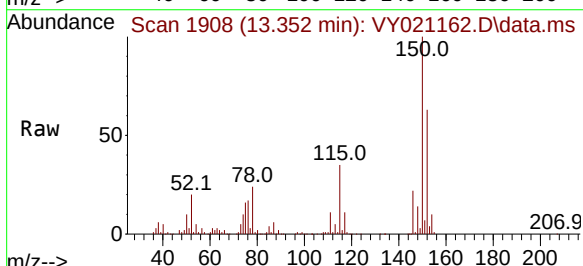
RT: 13.352 min Scan# 1908

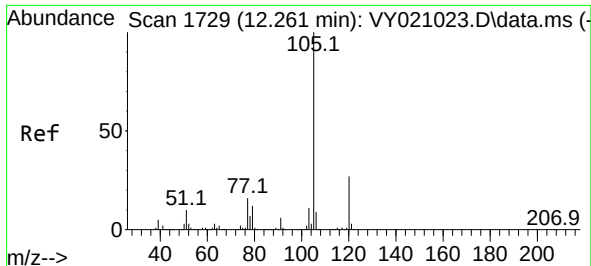
Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Tgt Ion:152	Resp:	95682
Ion Ratio	Lower	Upper
152	100	
115	57.5	30.0 90.0
150	168.6	0.0 344.6

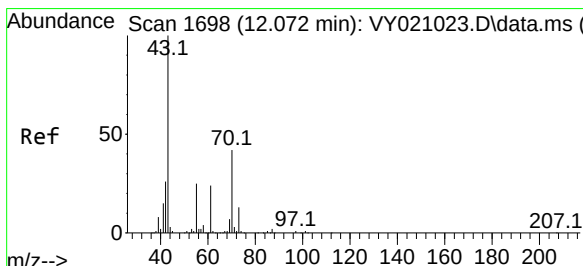
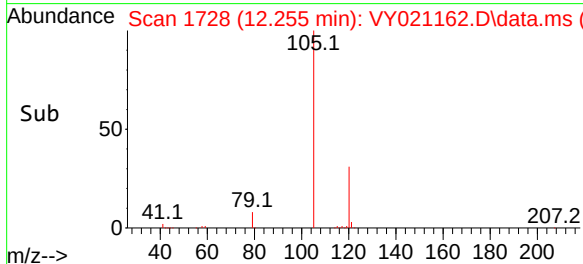
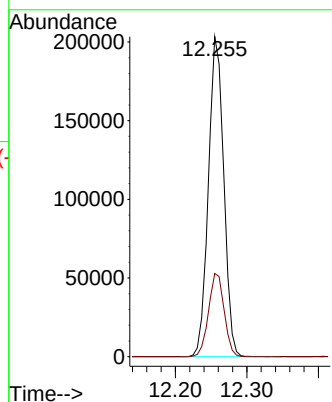
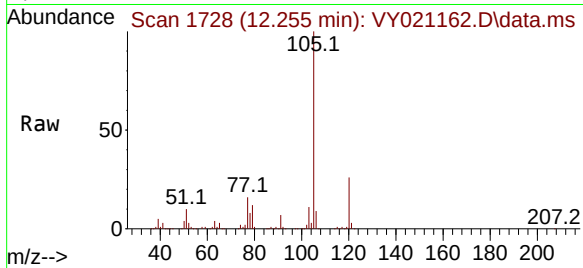




#73
Isopropylbenzene
Concen: 40.553 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

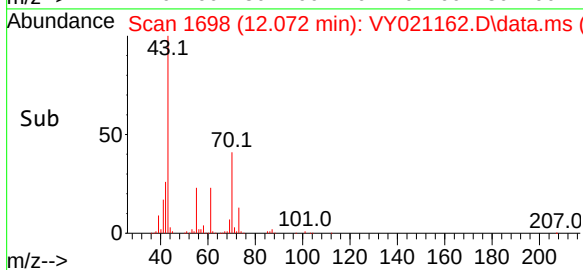
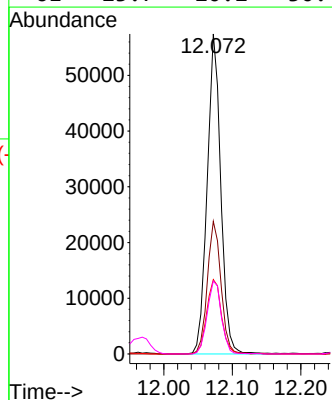
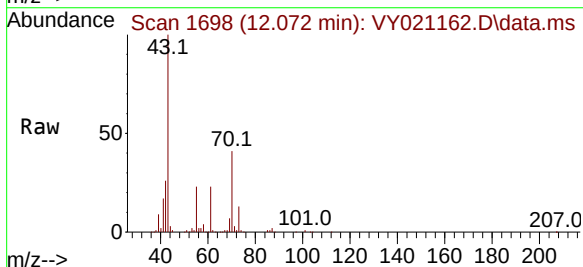
Instrument :
MSVOA_Y
ClientSampleId :

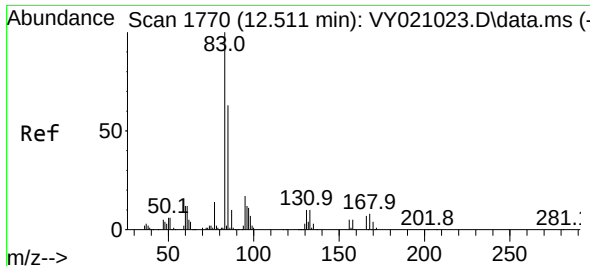
Tgt Ion:105 Resp: 303101
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 48.708 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 43 Resp: 79592
Ion Ratio Lower Upper
43 100
70 41.6 36.6 55.0
55 25.2 22.2 33.4
61 23.7 20.2 30.4

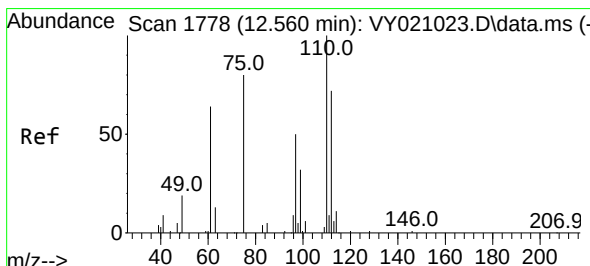
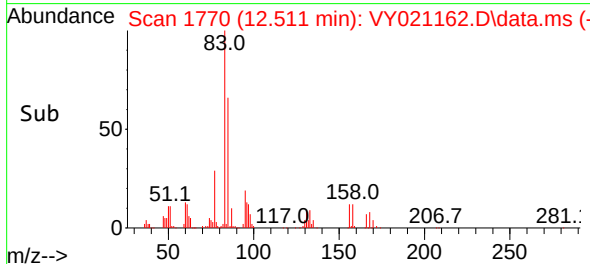
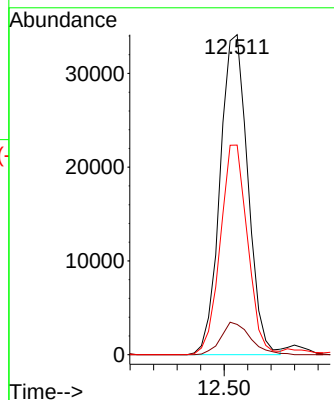
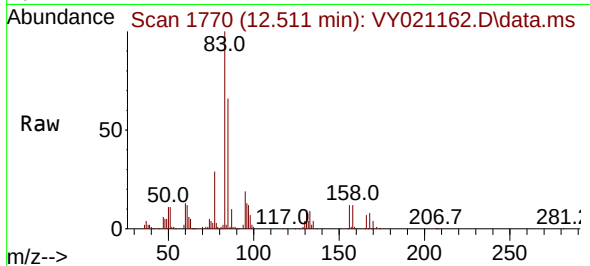




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.066 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

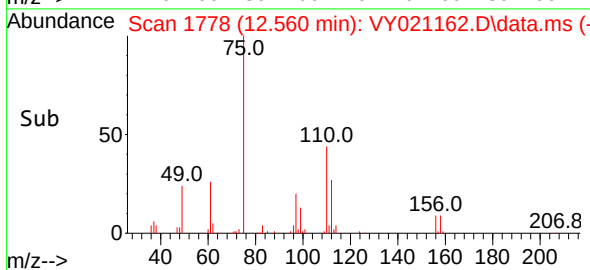
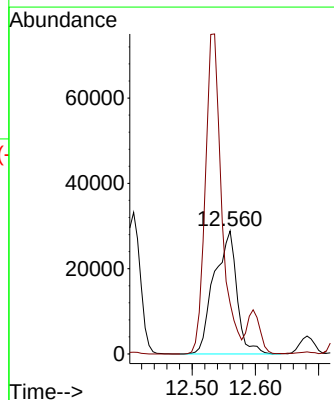
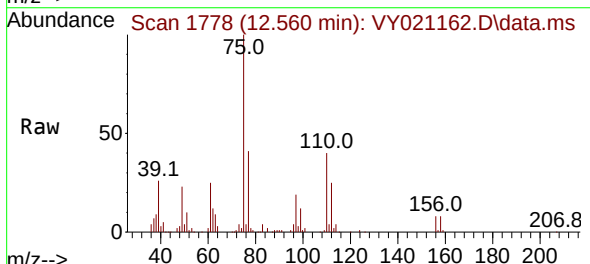
Instrument :
 MSVOA_Y
 ClientSampleId :

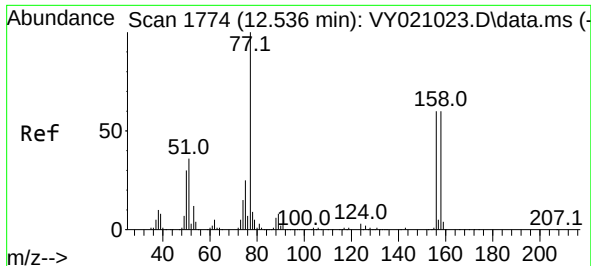
Tgt Ion: 83 Resp: 56019
 Ion Ratio Lower Upper
 83 100
 131 10.8 4.9 14.6
 85 64.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 83.185 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Tgt Ion: 75 Resp: 72201
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

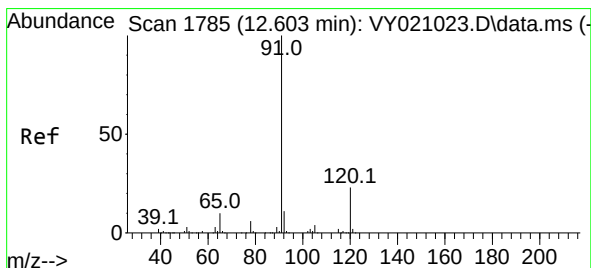
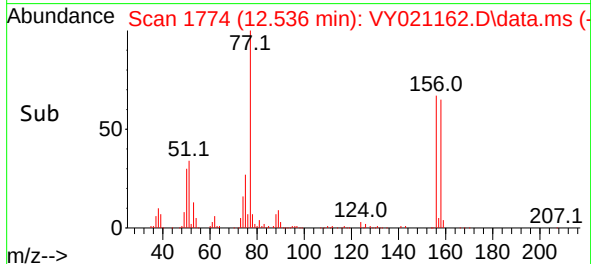
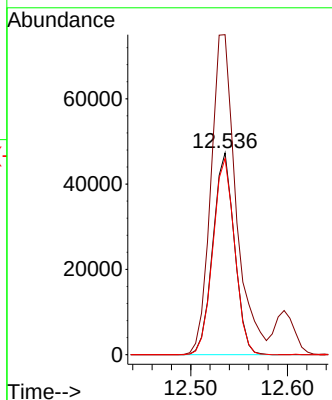
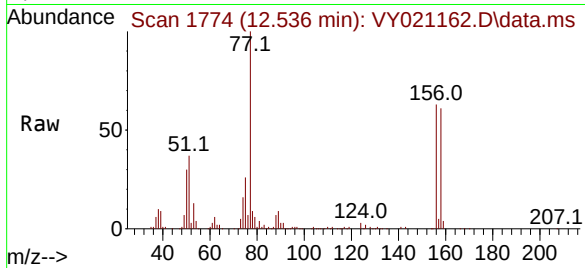




#77
Bromobenzene
Concen: 42.449 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

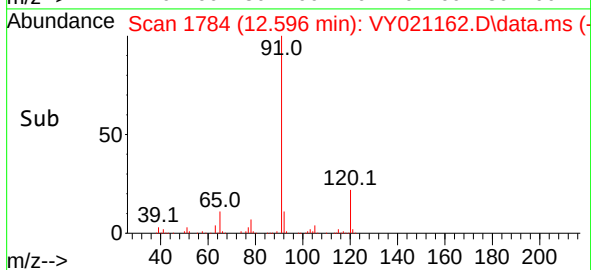
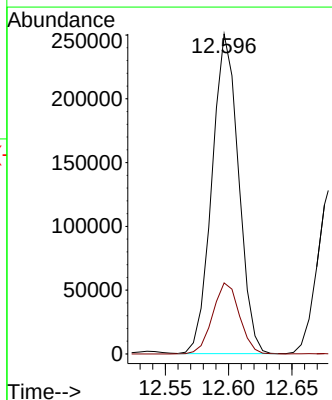
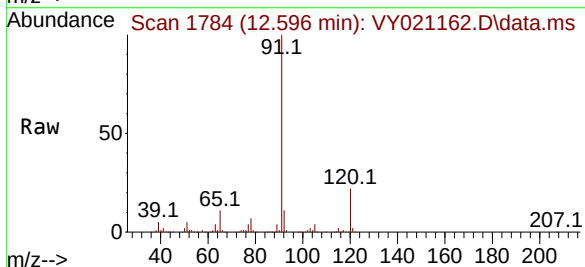
Instrument :
MSVOA_Y
ClientSampleId :

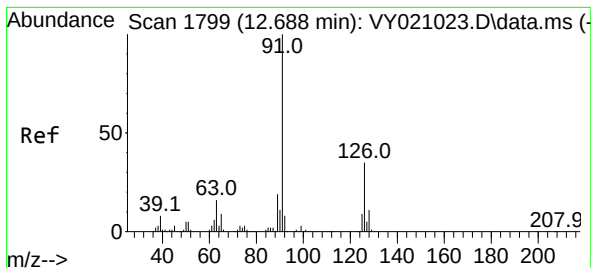
Tgt Ion:156 Resp: 73214
Ion Ratio Lower Upper
156 100
77 185.2 97.3 291.8
158 98.1 48.4 145.0



#78
n-propylbenzene
Concen: 41.122 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 91 Resp: 366130
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 41.637 ug/l

RT: 12.682 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

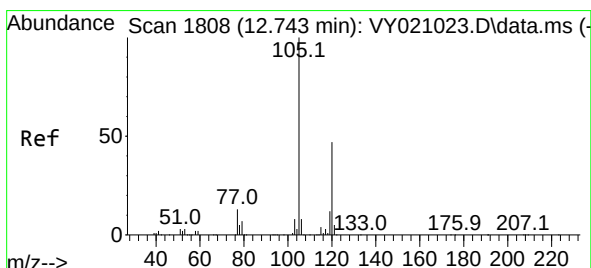
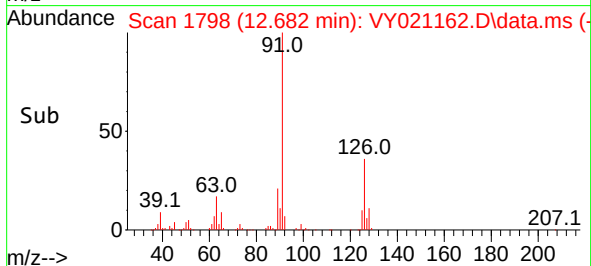
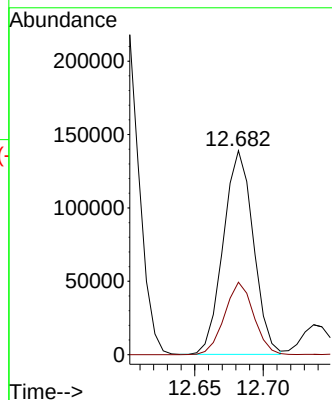
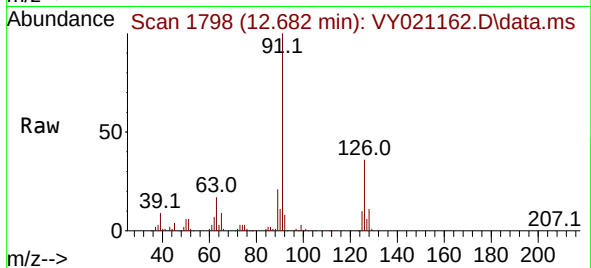
ClientSampleId :

Tgt Ion: 91 Resp: 212322

Ion Ratio Lower Upper

91 100

126 34.5 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 41.985 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021162.D

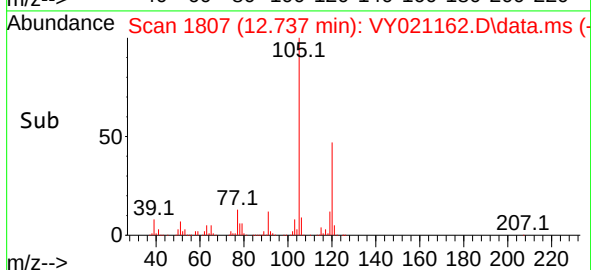
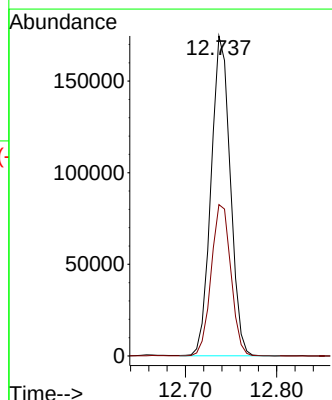
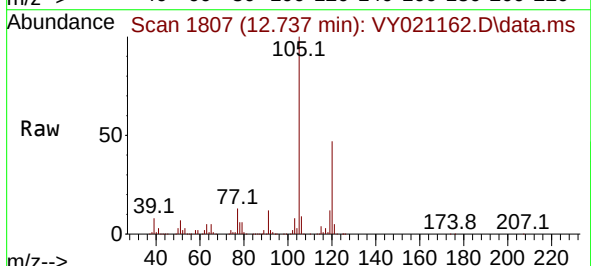
Acq: 10 Feb 2025 18:18

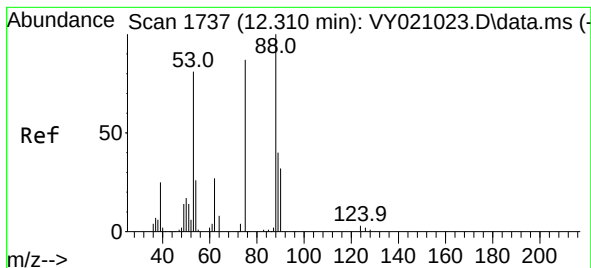
Tgt Ion:105 Resp: 254420

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

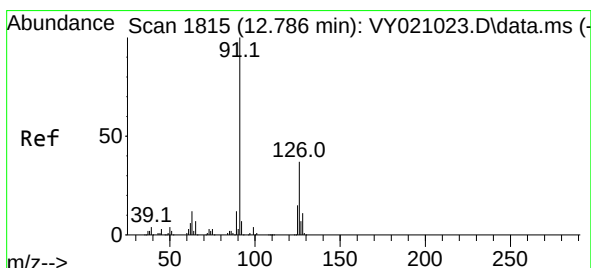
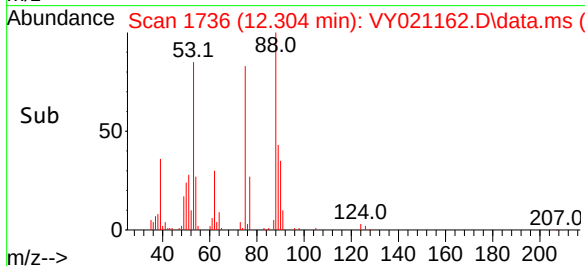
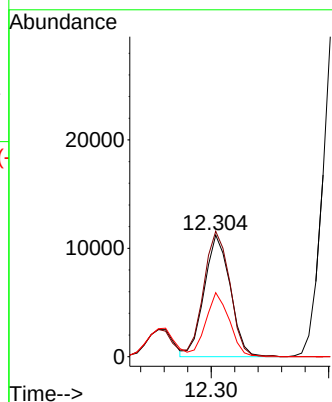
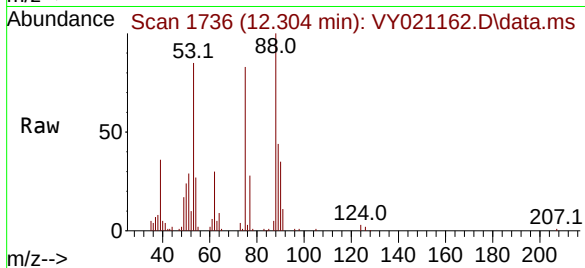




#81
trans-1,4-Dichloro-2-butene
Concen: 40.560 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

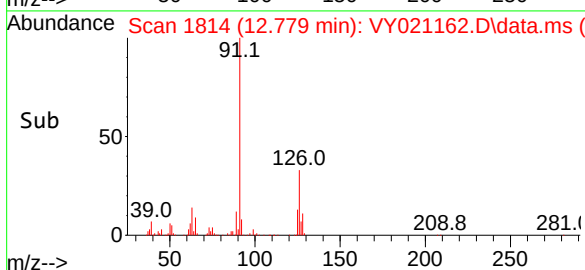
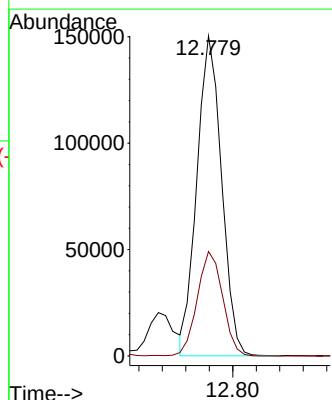
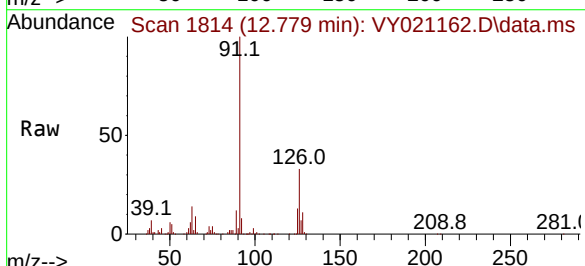
Instrument :
MSVOA_Y
ClientSampleId :

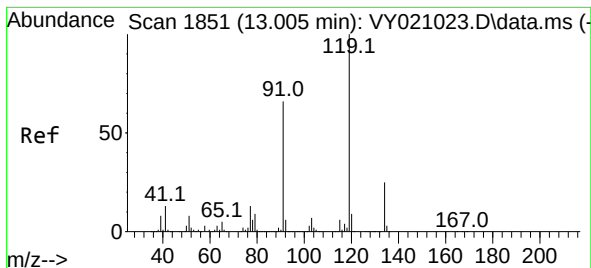
Tgt Ion: 75 Resp: 17253
Ion Ratio Lower Upper
75 100
53 102.9 74.0 111.0
89 47.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 42.105 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 91 Resp: 218759
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2

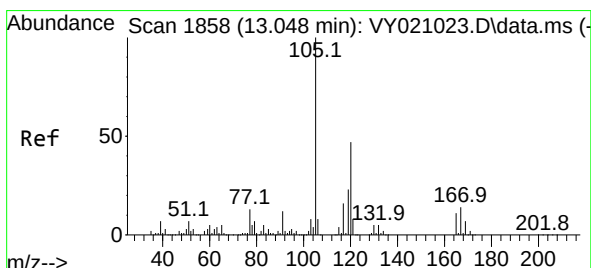
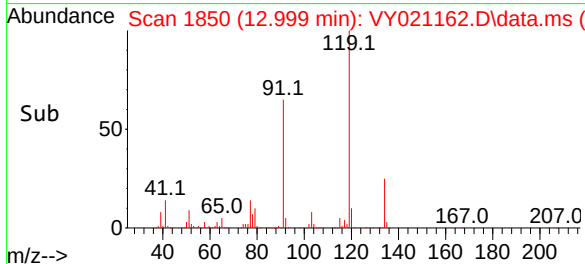
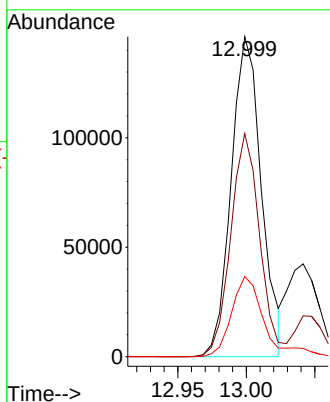
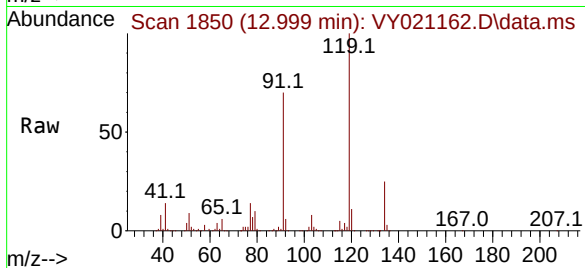




#83
 tert-Butylbenzene
 Concen: 40.729 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

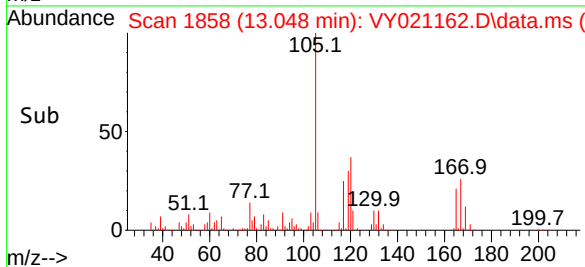
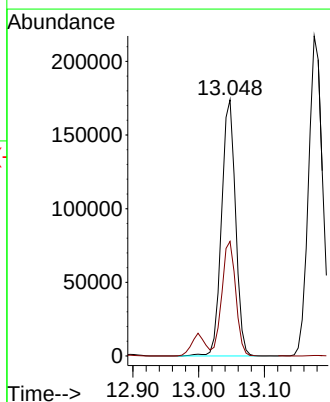
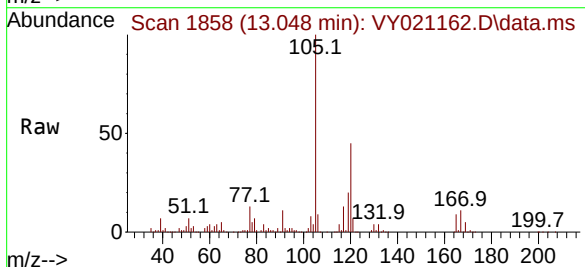
Instrument :
 MSVOA_Y
 ClientSampleId :

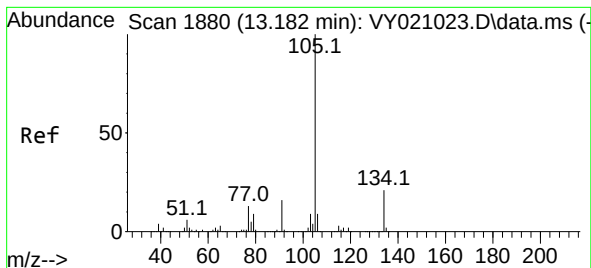
Tgt Ion:119 Resp: 224335
 Ion Ratio Lower Upper
 119 100
 91 67.1 31.5 94.5
 134 26.9 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 43.461 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Tgt Ion:105 Resp: 257511
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 40.468 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

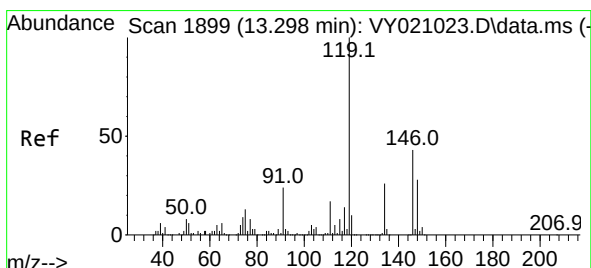
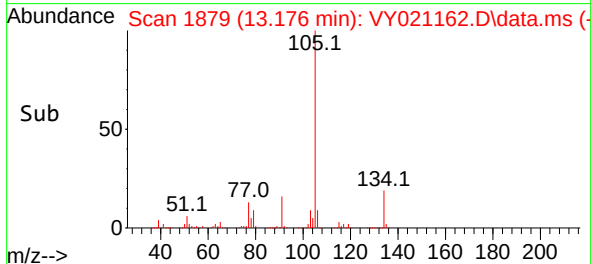
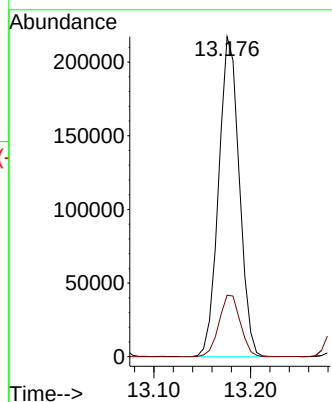
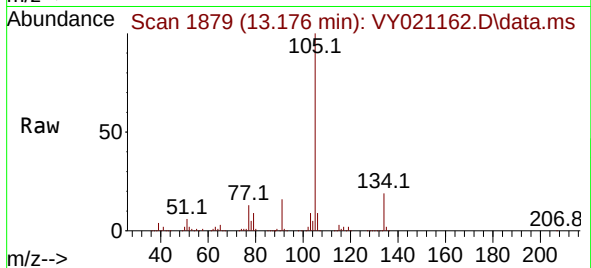
ClientSampleId :

Tgt Ion:105 Resp: 320855

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 41.369 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

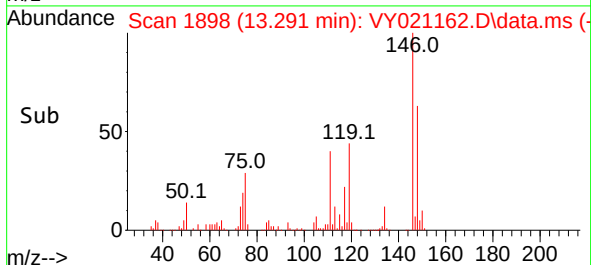
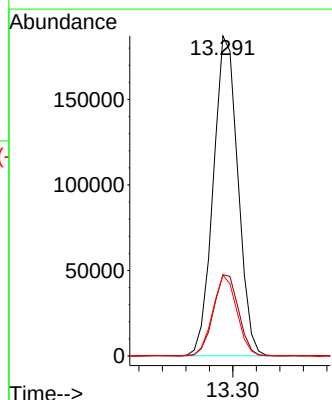
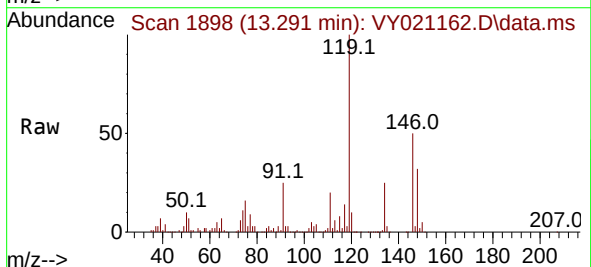
Tgt Ion:119 Resp: 272467

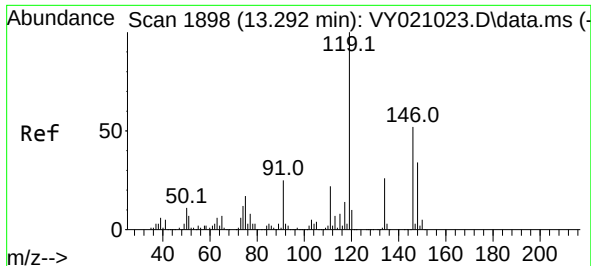
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 24.6 11.7 35.0

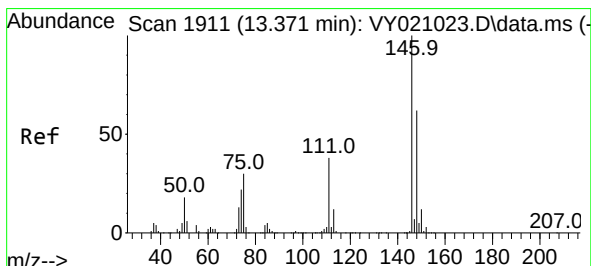
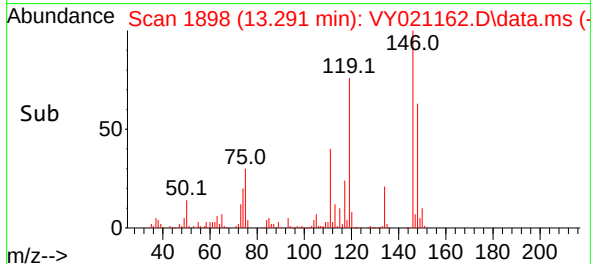
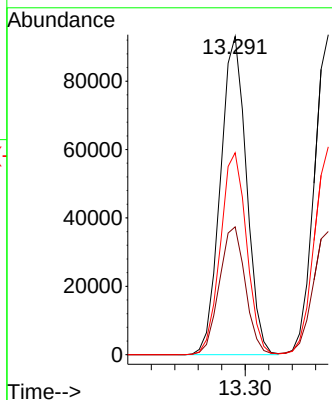
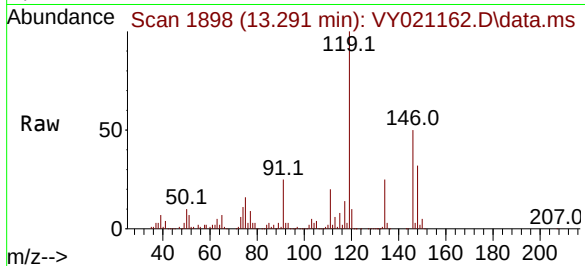




#87
 1,3-Dichlorobenzene
 Concen: 42.988 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

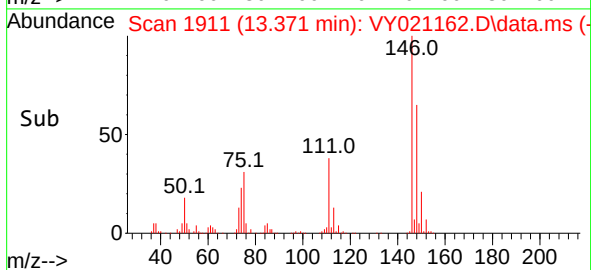
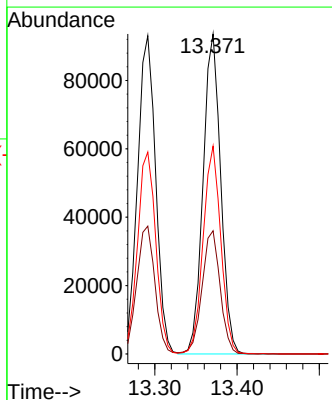
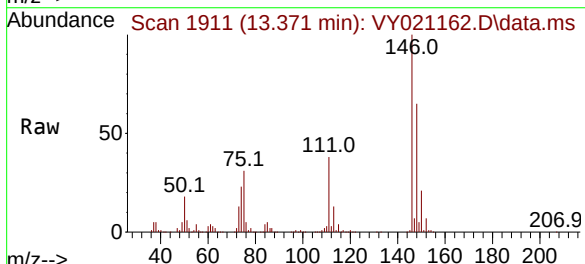
Instrument :
 MSVOA_Y
 ClientSampleId :

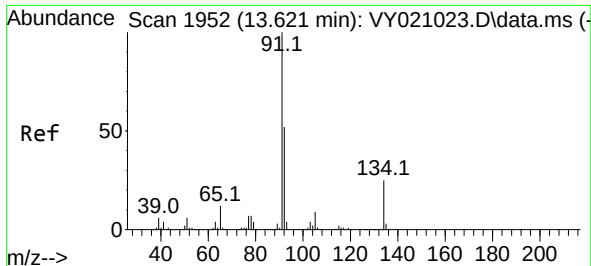
Tgt Ion:146 Resp: 143162
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 42.536 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: VY021162.D
 Acq: 10 Feb 2025 18:18

Tgt Ion:146 Resp: 139479
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.9
 148 65.1 31.6 94.7

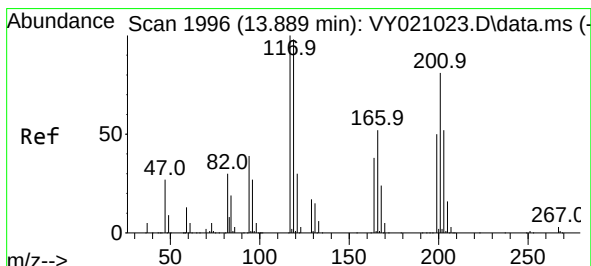
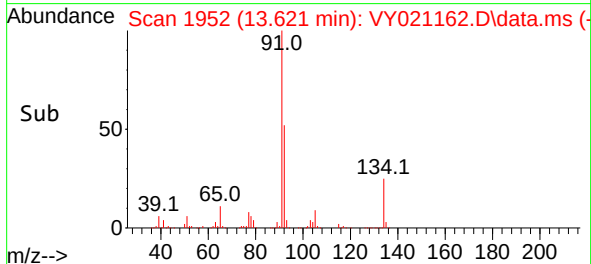
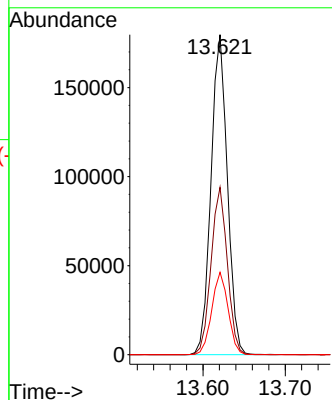
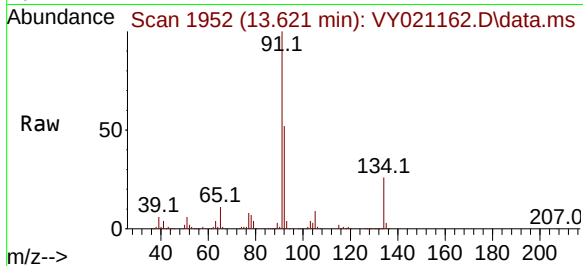




#89
n-Butylbenzene
Concen: 41.275 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

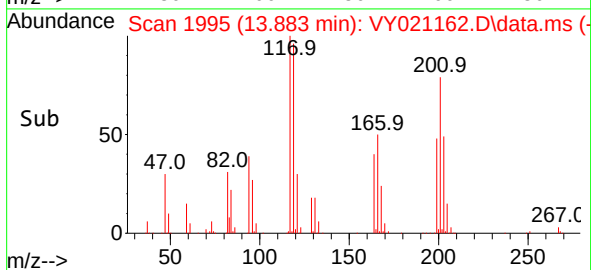
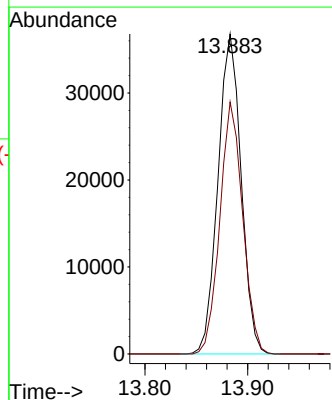
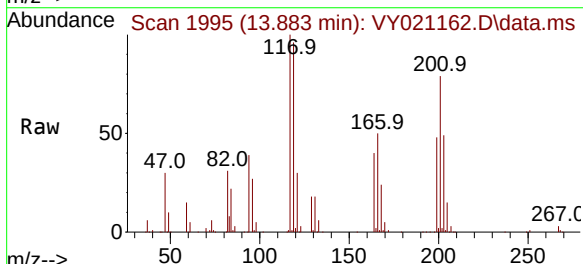
Instrument :
MSVOA_Y
ClientSampleId :

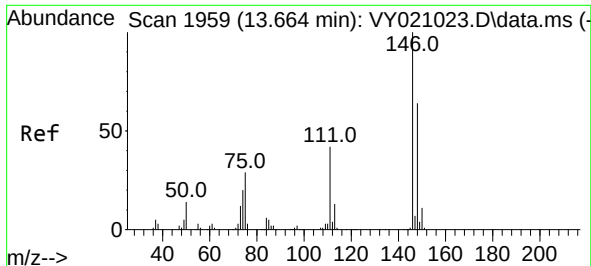
Tgt Ion: 91 Resp: 247997
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 25.8 12.3 36.8



#90
Hexachloroethane
Concen: 41.804 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021162.D
Acq: 10 Feb 2025 18:18

Tgt Ion: 117 Resp: 57439
Ion Ratio Lower Upper
117 100
201 77.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 43.958 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

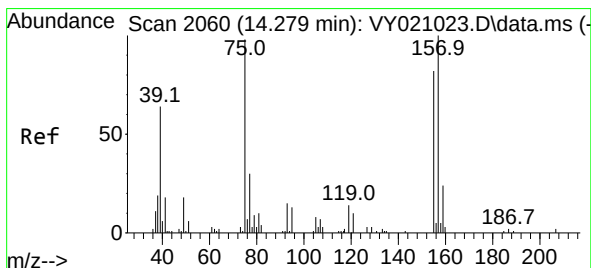
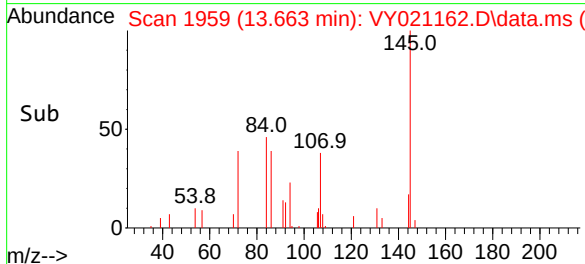
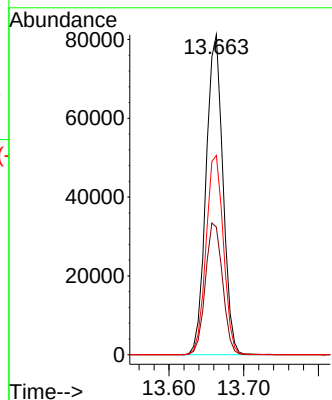
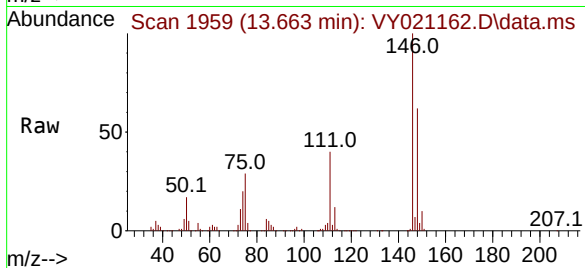
Tgt Ion:146 Resp: 127061

Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

148 64.2 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.166 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

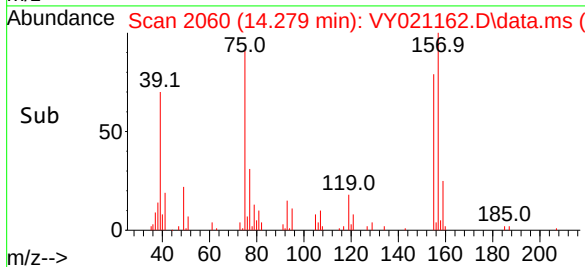
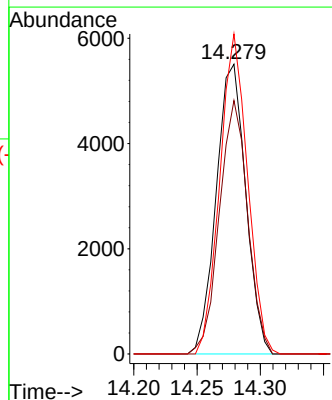
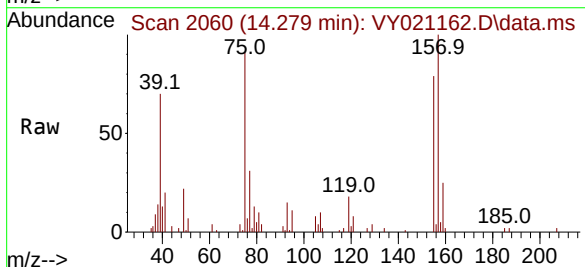
Tgt Ion: 75 Resp: 8947

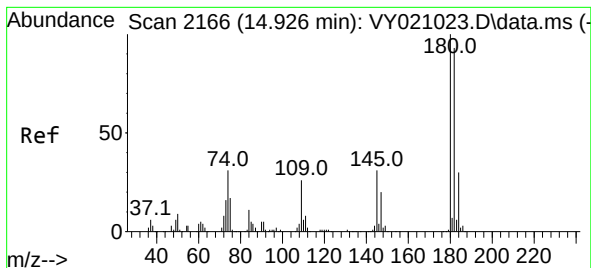
Ion Ratio Lower Upper

75 100

155 83.4 42.1 126.3

157 103.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 45.893 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

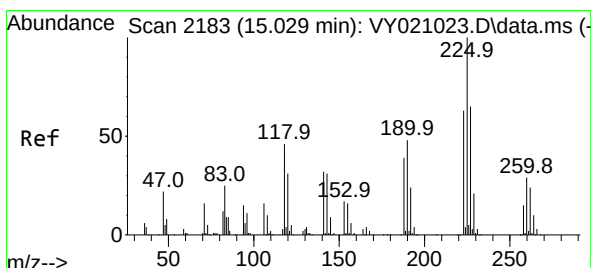
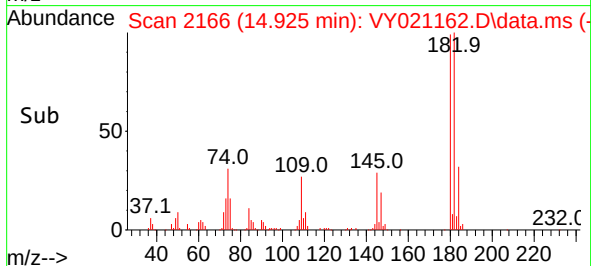
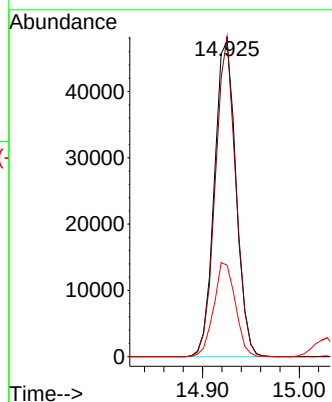
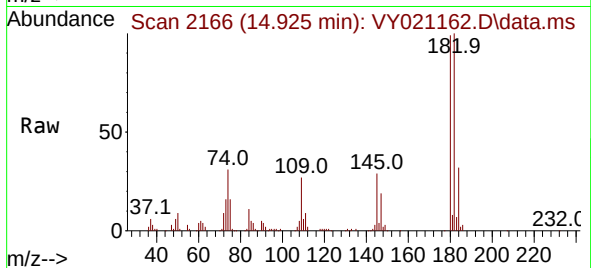
Tgt Ion:180 Resp: 73839

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 29.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 41.414 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

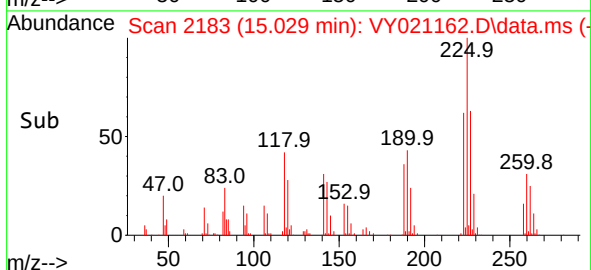
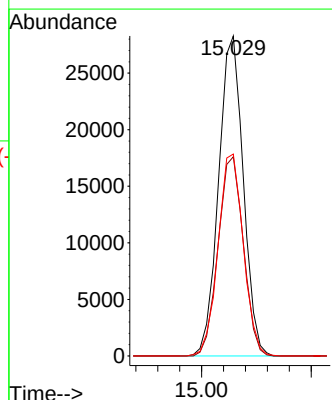
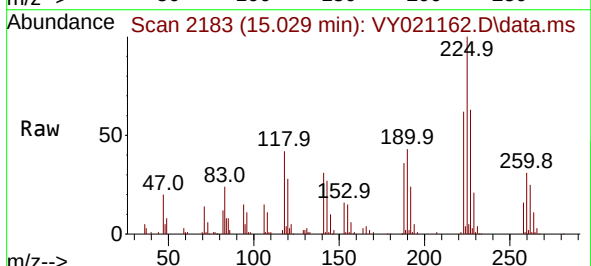
Tgt Ion:225 Resp: 44156

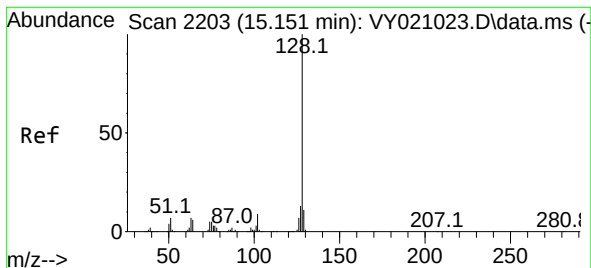
Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.3

227 64.5 32.3 96.8





#95

Naphthalene

Concen: 51.726 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

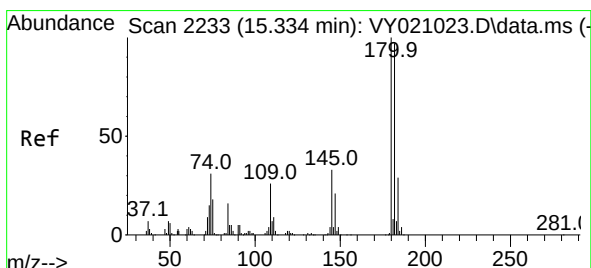
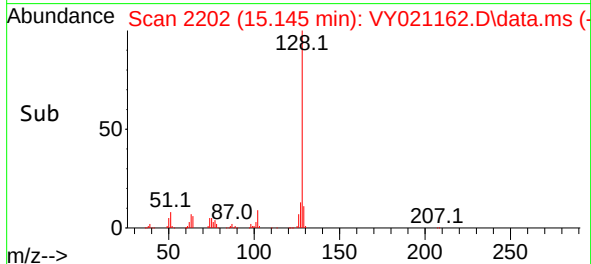
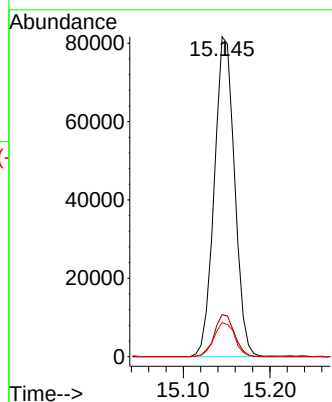
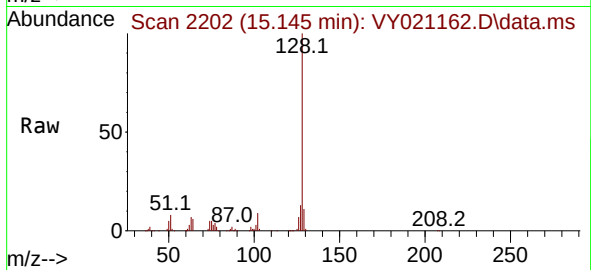
Tgt Ion:128 Resp: 133147

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.144 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021162.D

Acq: 10 Feb 2025 18:18

Tgt Ion:180 Resp: 64463

Ion Ratio Lower Upper

180 100

182 94.0 46.3 138.8

145 31.3 16.1 48.2

