

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021213.D
 Acq On : 17 Feb 2025 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:43:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	132619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	201801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	175510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	85309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	68619	50.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.000%	
35) Dibromofluoromethane	7.646	113	65146	50.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.740%	
50) Toluene-d8	10.115	98	250878	50.954	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.414	95	84737	52.680	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	61715	52.212	ug/l	97
3) Chloromethane	2.080	50	63477	54.422	ug/l	96
4) Vinyl Chloride	2.214	62	65154	55.498	ug/l	99
5) Bromomethane	2.611	94	38444	52.982	ug/l	98
6) Chloroethane	2.751	64	38590	55.219	ug/l	96
7) Trichlorofluoromethane	3.074	101	112988	52.827	ug/l	99
8) Diethyl Ether	3.464	74	33154	49.655	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.836	101	70228	52.317	ug/l	95
10) Methyl Iodide	4.019	142	78769	52.818	ug/l	92
11) Tert butyl alcohol	4.885	59	20074	218.009	ug/l #	92
12) 1,1-Dichloroethene	3.805	96	65291	51.634	ug/l	87
13) Acrolein	3.671	56	17439	122.991	ug/l	97
14) Allyl chloride	4.403	41	116030	54.446	ug/l	94
15) Acrylonitrile	5.073	53	74827	269.125	ug/l	98
16) Acetone	3.885	43	64826	305.927	ug/l	97
17) Carbon Disulfide	4.122	76	191226	48.227	ug/l	99
18) Methyl Acetate	4.397	43	41603	55.928	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	171505	53.662	ug/l	98
20) Methylene Chloride	4.635	84	69729	52.934	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	72407	52.021	ug/l	93
22) Diisopropyl ether	6.031	45	246129	56.032	ug/l	98
23) Vinyl Acetate	5.976	43	677857	276.818	ug/l	98
24) 1,1-Dichloroethane	5.927	63	139179	54.079	ug/l	98
25) 2-Butanone	6.909	43	96389	276.814	ug/l	99
26) 2,2-Dichloropropane	6.902	77	131859	55.372	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	85855	53.589	ug/l	93
28) Bromochloromethane	7.256	49	56126	55.151	ug/l	98
29) Tetrahydrofuran	7.274	42	64200	272.472	ug/l	93
30) Chloroform	7.433	83	146096	55.266	ug/l	100
31) Cyclohexane	7.713	56	117137	50.543	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	136147	55.395	ug/l	100
36) 1,1-Dichloropropene	7.847	75	105191	54.914	ug/l	98
37) Ethyl Acetate	7.000	43	45271	53.872	ug/l	99
38) Carbon Tetrachloride	7.829	117	124742	55.732	ug/l	98
39) Methylcyclohexane	9.115	83	126999	54.201	ug/l	96
40) Benzene	8.091	78	310527	55.239	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	23531	48.401	ug/l	95
42) 1,2-Dichloroethane	8.171	62	86633	55.555	ug/l	97
43) Isopropyl Acetate	8.207	43	92483	55.387	ug/l	96
44) Trichloroethene	8.878	130	77228	53.174	ug/l	95
45) 1,2-Dichloropropane	9.152	63	74301	55.687	ug/l	98
46) Dibromomethane	9.243	93	40185	54.395	ug/l	96
47) Bromodichloromethane	9.432	83	109543	55.289	ug/l	97
48) Methyl methacrylate	9.231	41	44432	58.417	ug/l	92
49) 1,4-Dioxane	9.243	88	7080	1029.480	ug/l #	82
51) 4-Methyl-2-Pentanone	10.006	43	230869	274.949	ug/l	97
52) Toluene	10.182	92	196847	55.768	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	99811	56.104	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	118200	56.114	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	52417	54.792	ug/l	98
56) Ethyl methacrylate	10.451	69	71321	55.729	ug/l	89
57) 1,3-Dichloropropane	10.725	76	92214	55.691	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	166427	273.348	ug/l	100
59) 2-Hexanone	10.768	43	154889	286.494	ug/l	95
60) Dibromochloromethane	10.920	129	73829	54.954	ug/l	99
61) 1,2-Dibromoethane	11.024	107	47330	52.820	ug/l	99
64) Tetrachloroethene	10.658	164	69679	53.480	ug/l	96
65) Chlorobenzene	11.450	112	211219	54.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	76225	54.885	ug/l	96
67) Ethyl Benzene	11.530	91	386777	55.955	ug/l	100
68) m/p-Xylenes	11.639	106	285870	110.551	ug/l	96
69) o-Xylene	11.963	106	135642	56.263	ug/l	97
70) Styrene	11.981	104	229257	57.054	ug/l	98
71) Bromoform	12.139	173	41518	53.708	ug/l #	96
73) Isopropylbenzene	12.261	105	371492	55.747	ug/l	100
74) N-amyl acetate	12.078	43	79146	54.325	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.517	83	58673	52.941	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	78208	101.062	ug/l #	100
77) Bromobenzene	12.542	156	81338	52.893	ug/l	96
78) n-propylbenzene	12.603	91	446869	56.294	ug/l	98
79) 2-Chlorotoluene	12.688	91	249029	54.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	303783	56.227	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	20669	54.499	ug/l	95
82) 4-Chlorotoluene	12.786	91	253914	54.814	ug/l	100
83) tert-Butylbenzene	13.005	119	271230	55.230	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	299137	56.626	ug/l	99
85) sec-Butylbenzene	13.188	105	398052	56.308	ug/l	98
86) p-Isopropyltoluene	13.304	119	333365	56.770	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	160277	53.979	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	154124	52.718	ug/l	98
89) n-Butylbenzene	13.627	91	309156	57.710	ug/l	99
90) Hexachloroethane	13.889	117	67961	55.477	ug/l	87
91) 1,2-Dichlorobenzene	13.669	146	138968	53.923	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	8577	51.788	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	79481	55.406	ug/l	99
94) Hexachlorobutadiene	15.035	225	53251	56.017	ug/l	99
95) Naphthalene	15.157	128	127436	55.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	65571	54.926	ug/l	99

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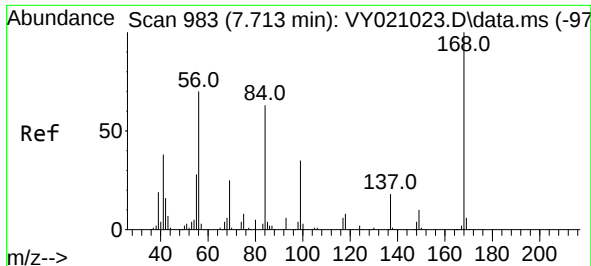
Quant Time: Feb 18 00:43:55 2025
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QLast Update : Mon Feb 03 13:08:38 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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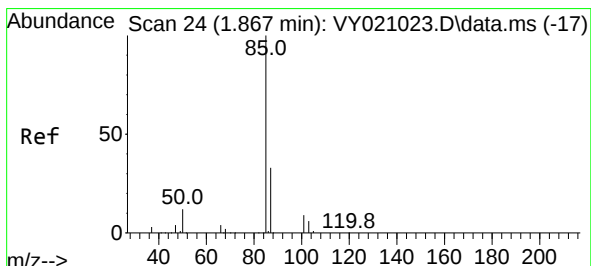
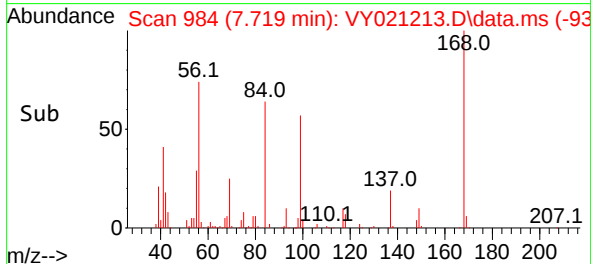
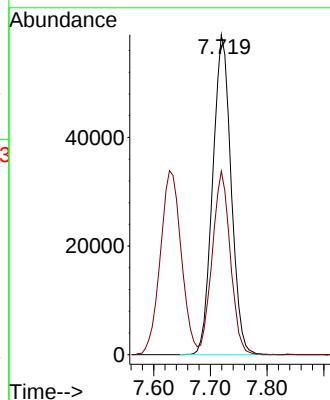
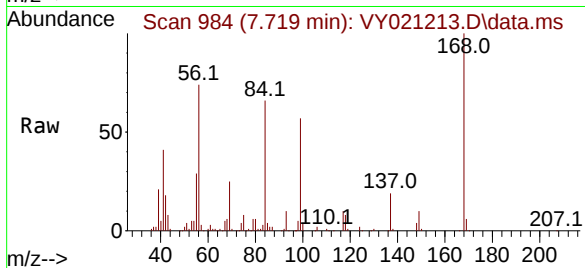




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

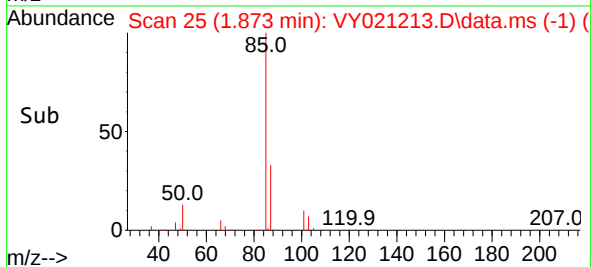
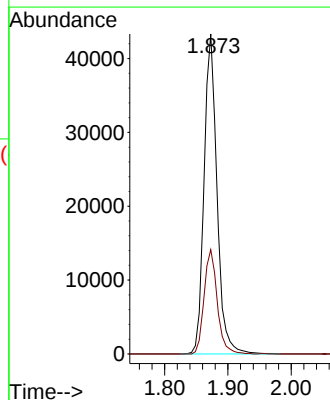
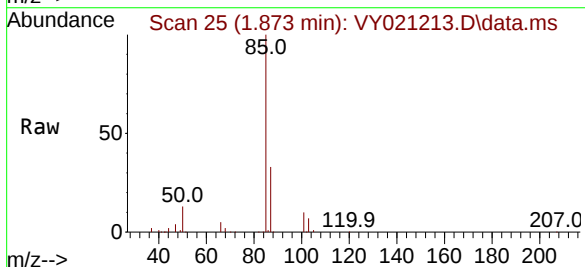
Instrument :
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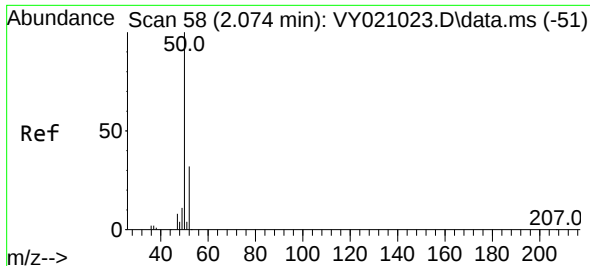
Tgt Ion:168 Resp: 132619
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 52.212 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 85 Resp: 61715
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3

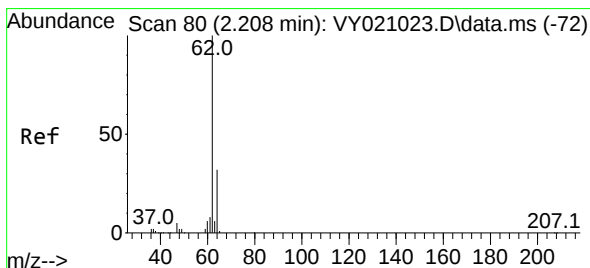
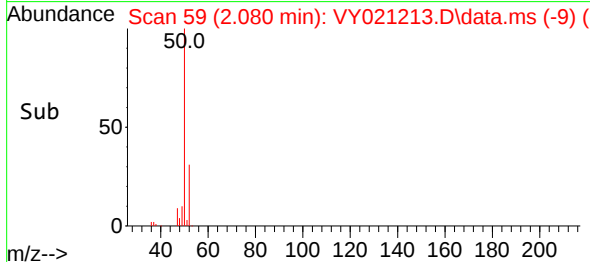
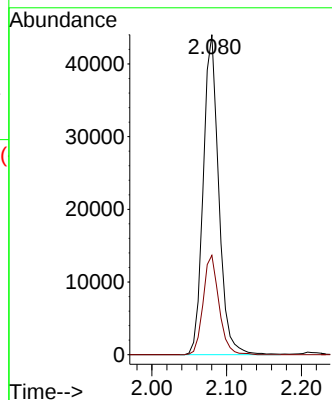
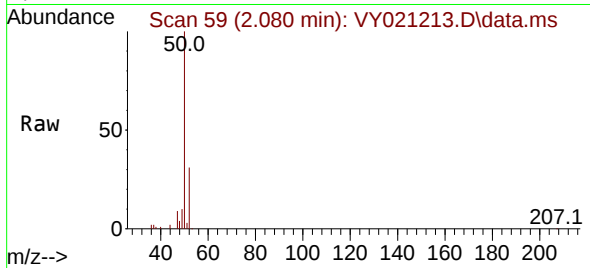




#3
Chloromethane
Concen: 54.422 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

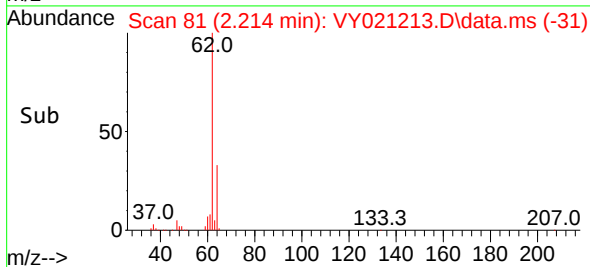
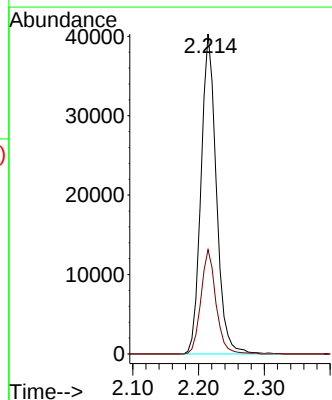
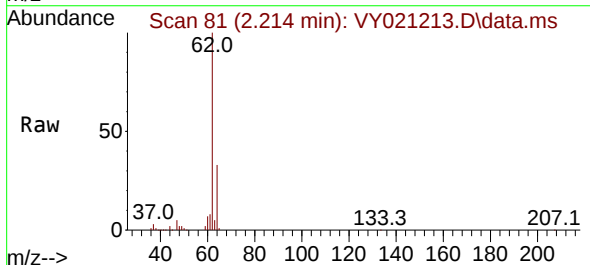
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MSVOA_Y
ClientSampleId :

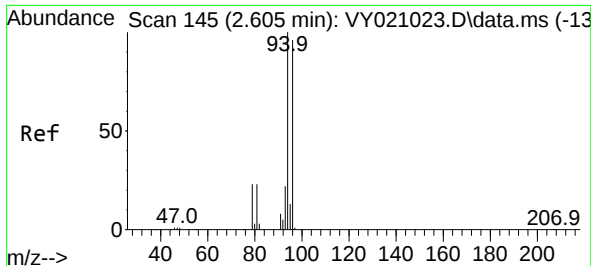
Tgt Ion: 50 Resp: 63477
Ion Ratio Lower Upper
50 100
52 31.1 26.7 40.1



#4
Vinyl Chloride
Concen: 55.498 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 62 Resp: 65154
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5

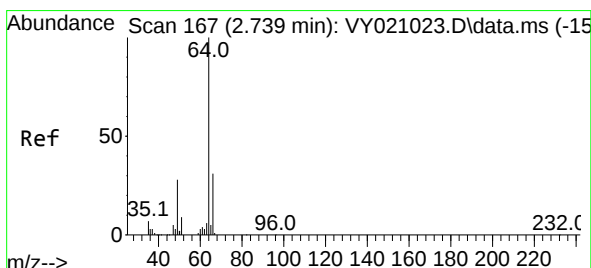
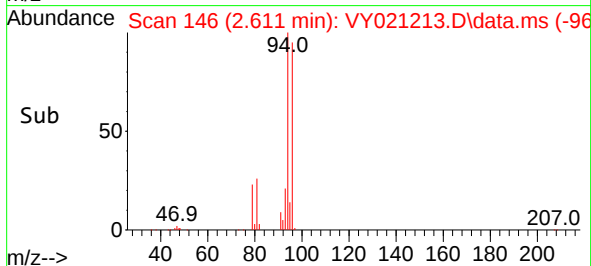
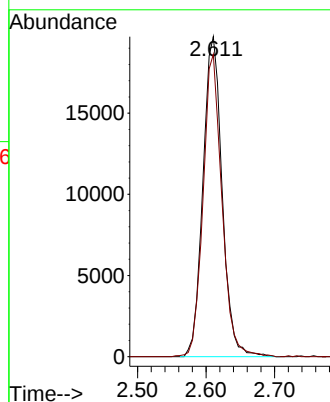
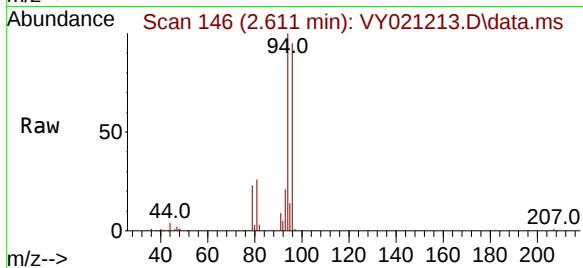




#5
Bromomethane
Concen: 52.982 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

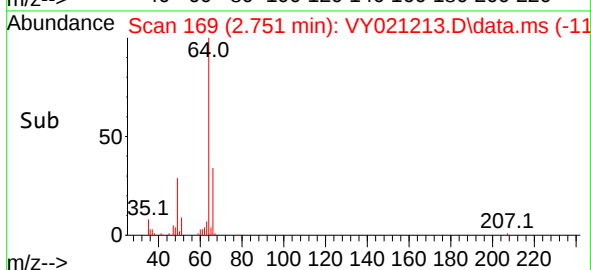
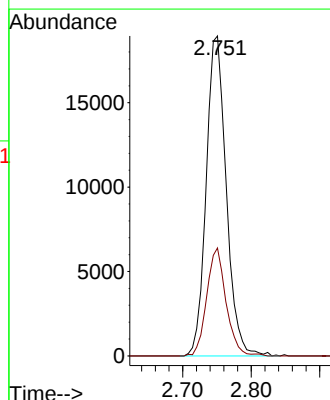
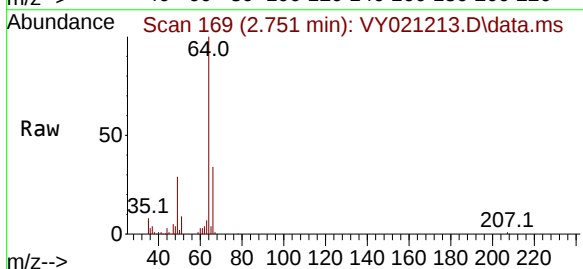
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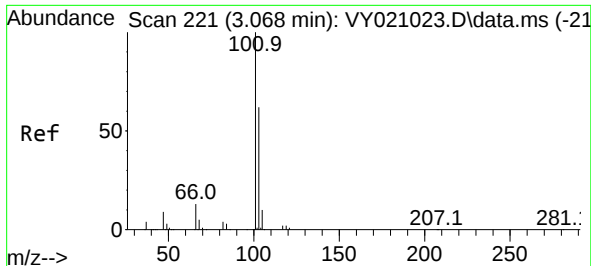
Tgt Ion: 94 Resp: 38444
Ion Ratio Lower Upper
94 100
96 94.5 77.3 115.9



#6
Chloroethane
Concen: 55.219 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 64 Resp: 38590
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

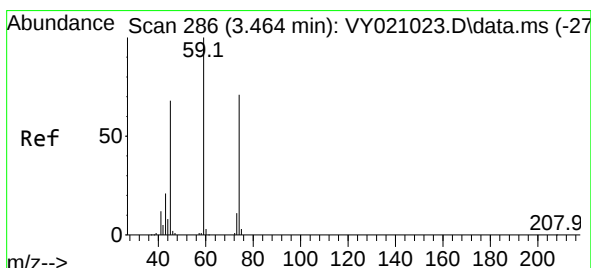
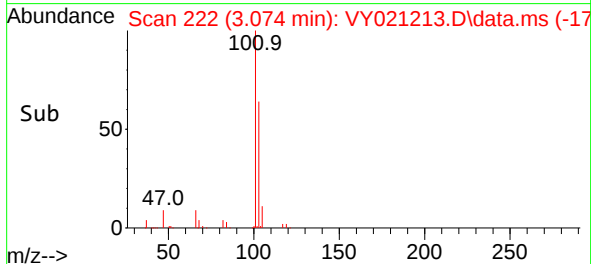
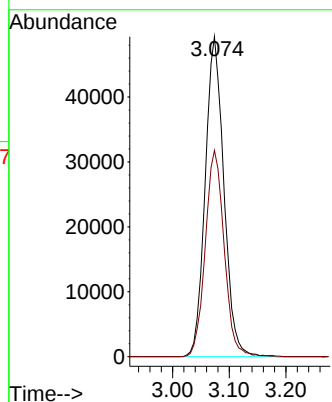
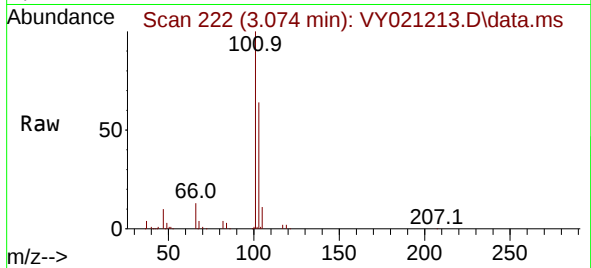




#7
 Trichlorofluoromethane
 Concen: 52.827 ug/l
 RT: 3.074 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

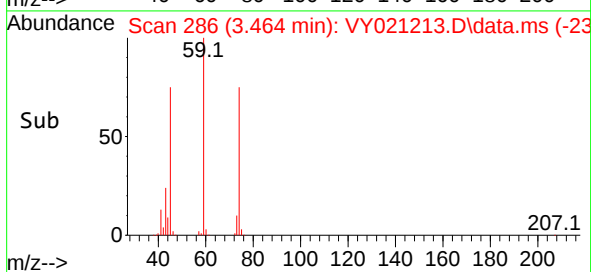
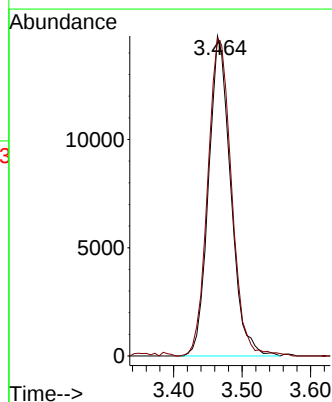
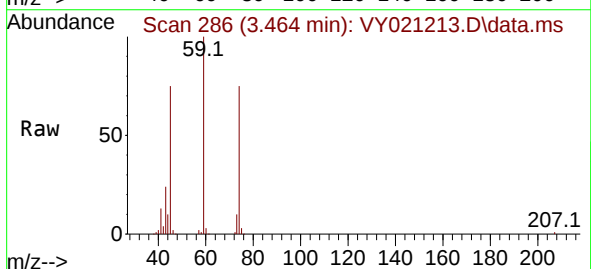
Instrument :
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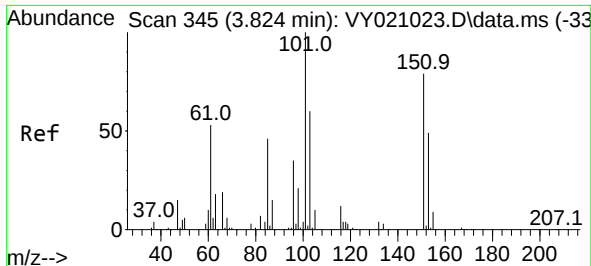
Tgt Ion:101 Resp: 112988
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 49.655 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion: 74 Resp: 33154
 Ion Ratio Lower Upper
 74 100
 45 106.7 47.9 143.7

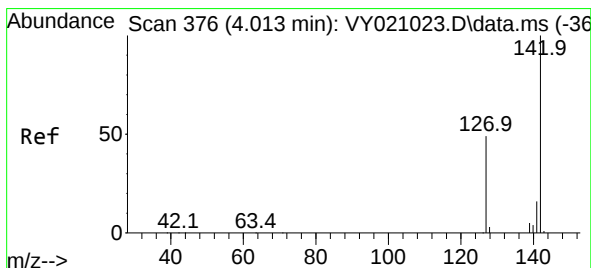
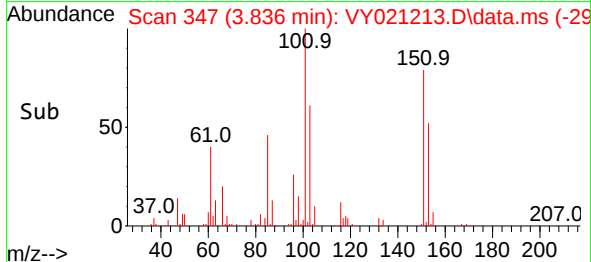
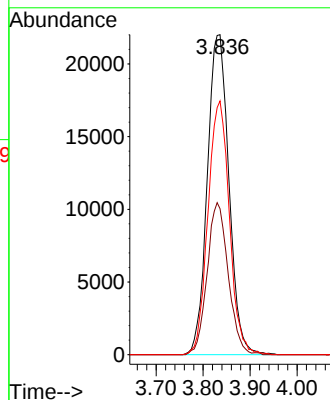
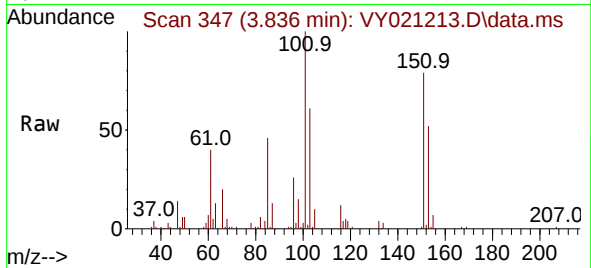




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.317 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

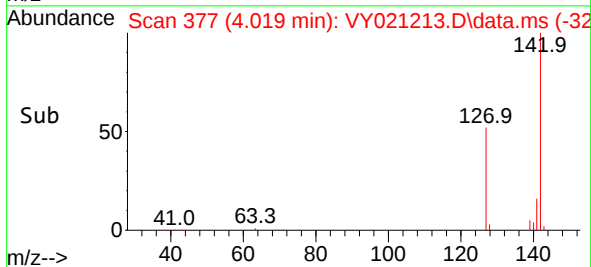
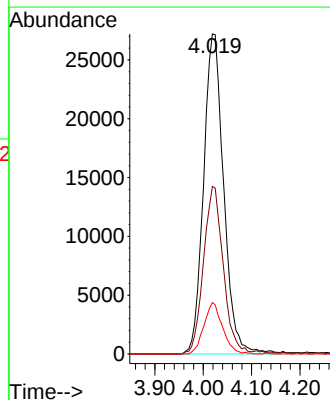
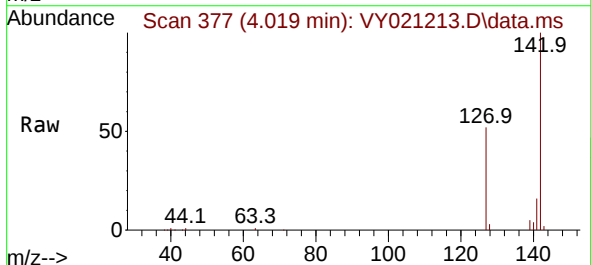
Instrument :
MSVOA_Y
ClientSampleId :

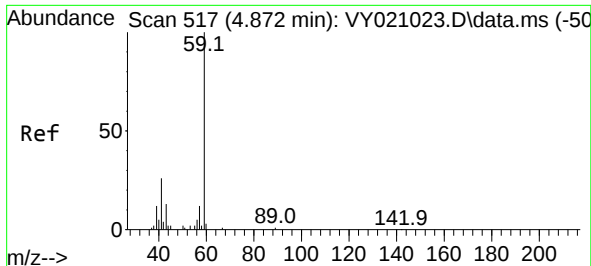
Tgt Ion:101	Resp:	70228
Ion	Ratio	Lower Upper
101	100	
85	46.3	35.8 53.6
151	78.7	58.6 88.0



#10
Methyl Iodide
Concen: 52.818 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:142	Resp:	78769
Ion	Ratio	Lower Upper
142	100	
127	51.1	35.1 52.7
141	14.9	11.8 17.6

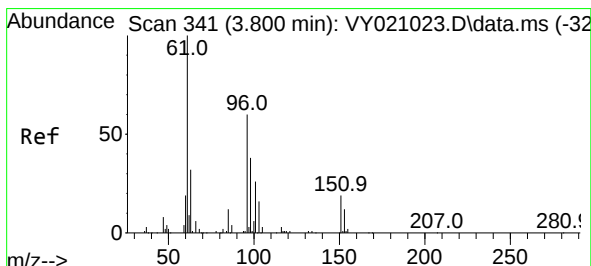
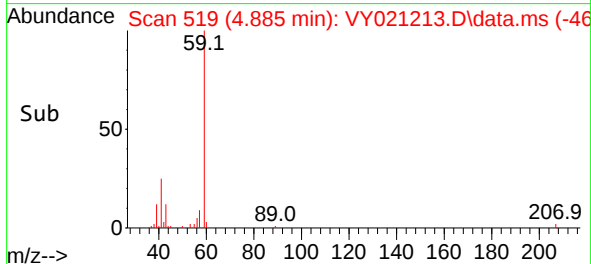
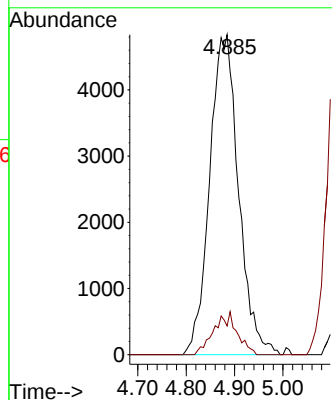
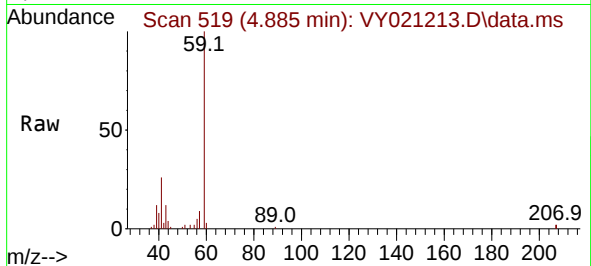




#11
Tert butyl alcohol
Concen: 218.009 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

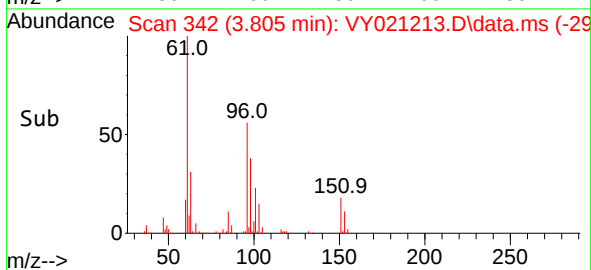
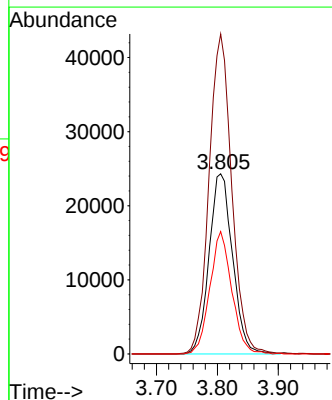
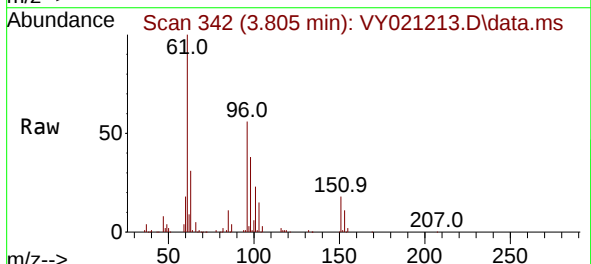
Instrument :
MSVOA_Y
ClientSampleId :

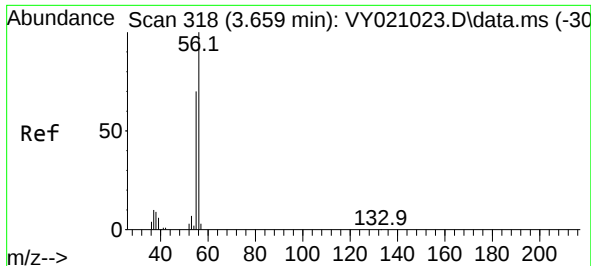
Tgt Ion: 59 Resp: 20074
Ion Ratio Lower Upper
59 100
57 6.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 51.634 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

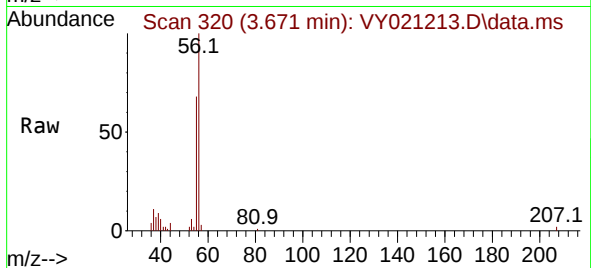
Tgt Ion: 96 Resp: 65291
Ion Ratio Lower Upper
96 100
61 177.4 124.2 186.2
98 68.0 52.6 79.0



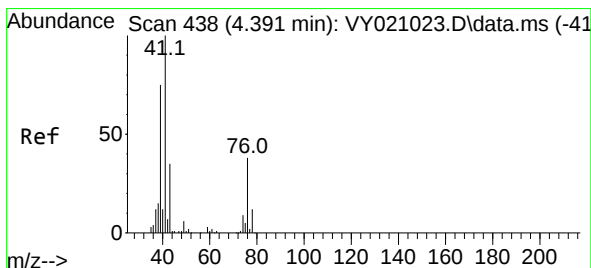
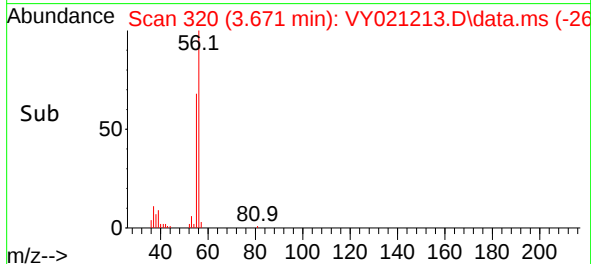
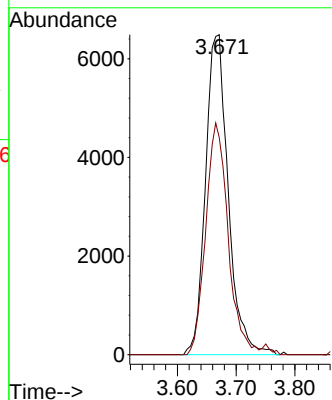


#13
Acrolein
Concen: 122.991 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :

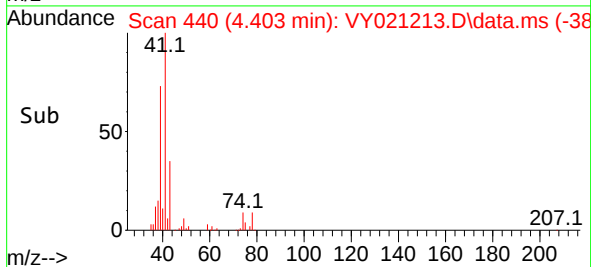
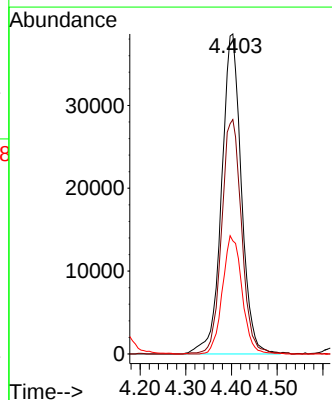
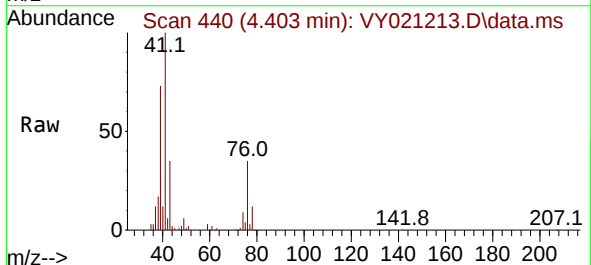


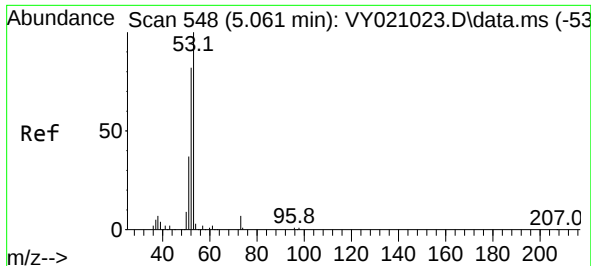
Tgt Ion: 56 Resp: 17439
Ion Ratio Lower Upper
56 100
55 71.3 55.4 83.0



#14
Allyl chloride
Concen: 54.446 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 41 Resp: 116030
Ion Ratio Lower Upper
41 100
39 74.0 54.7 82.1
76 36.5 31.8 47.6

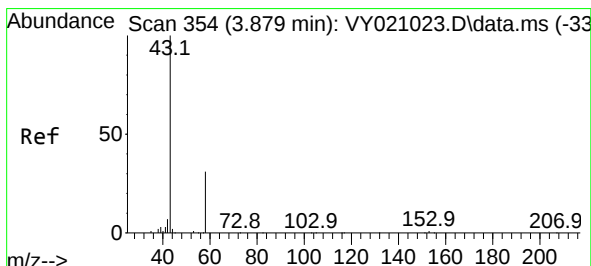
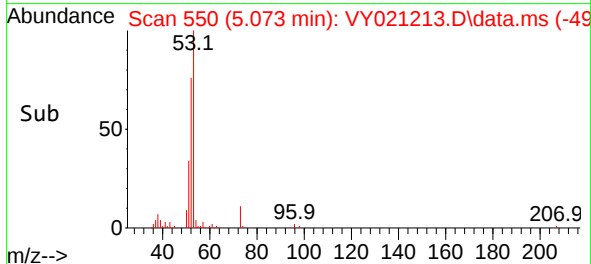
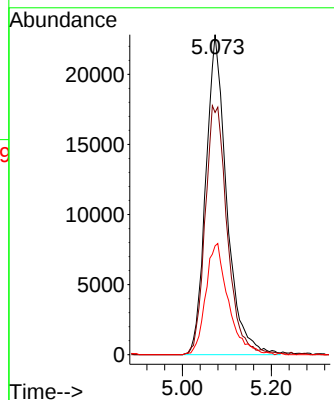
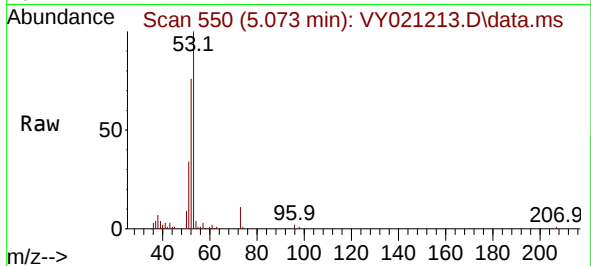




#15
Acrylonitrile
Concen: 269.125 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

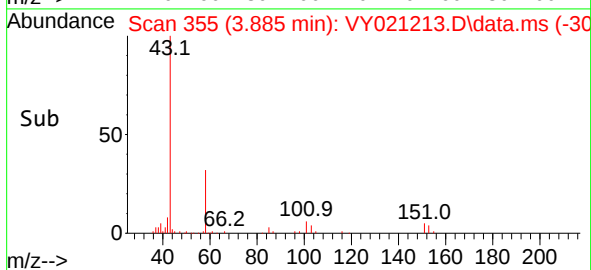
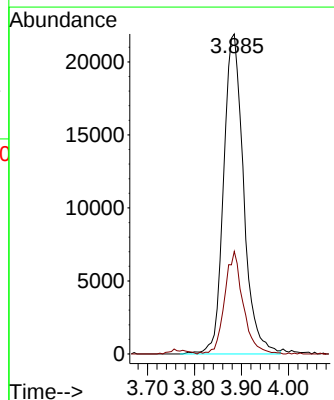
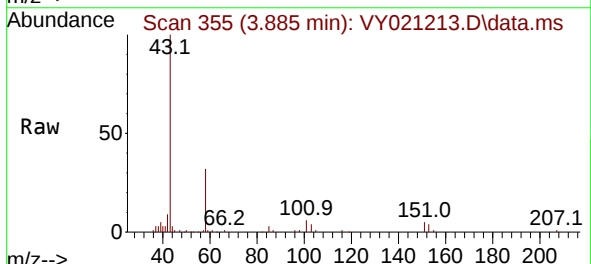
Instrument :
MSVOA_Y
ClientSampleId :

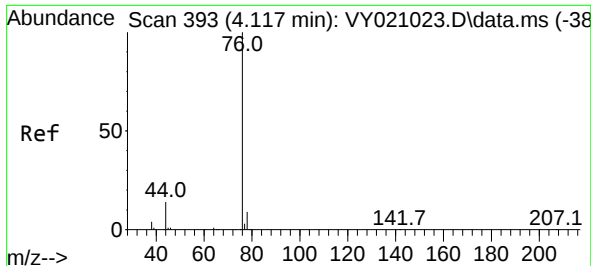
Tgt Ion: 53 Resp: 74827
Ion Ratio Lower Upper
53 100
52 82.5 65.1 97.7
51 37.7 29.0 43.4



#16
Acetone
Concen: 305.927 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 43 Resp: 64826
Ion Ratio Lower Upper
43 100
58 31.7 26.6 39.8

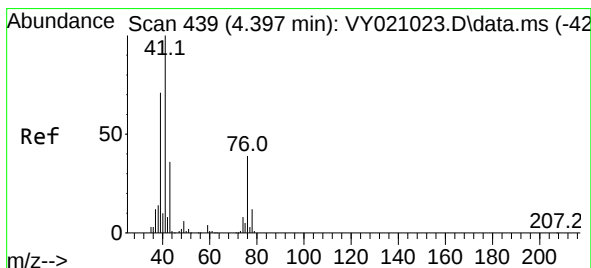
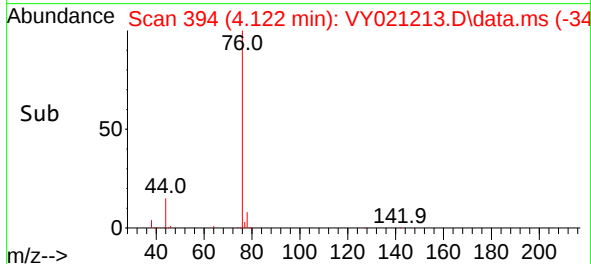
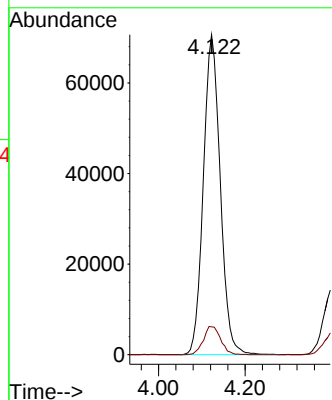
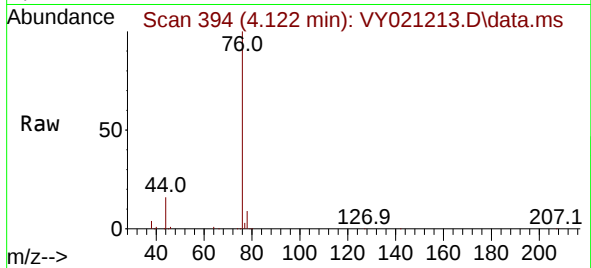




#17
Carbon Disulfide
Concen: 48.227 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

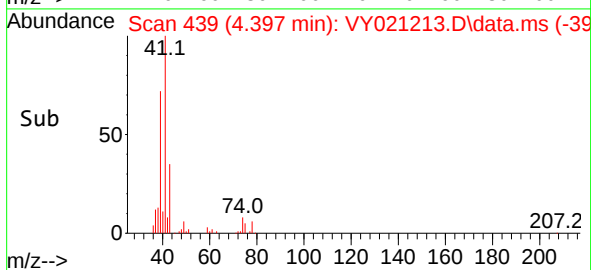
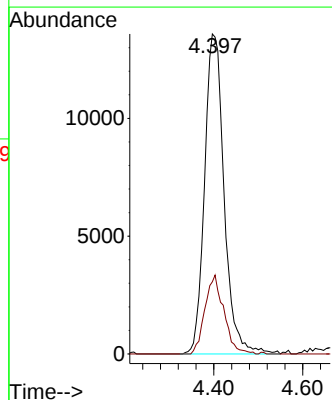
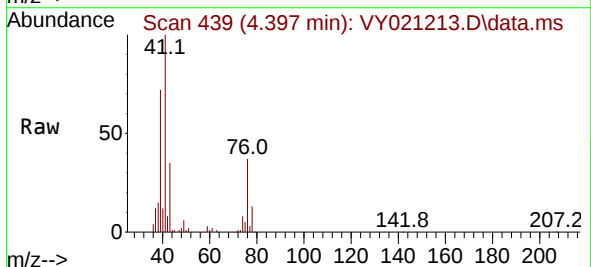
Instrument :
MSVOA_Y
ClientSampleId :

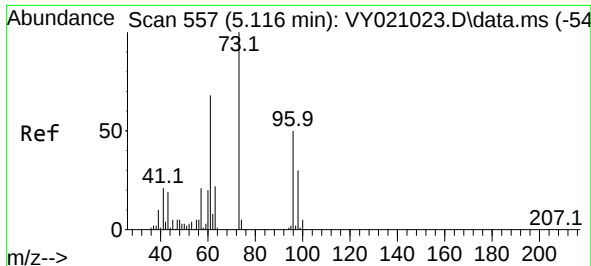
Tgt Ion: 76 Resp: 191226
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 55.928 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 43 Resp: 41603
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 53.662 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

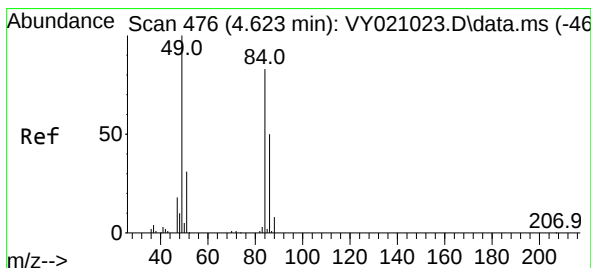
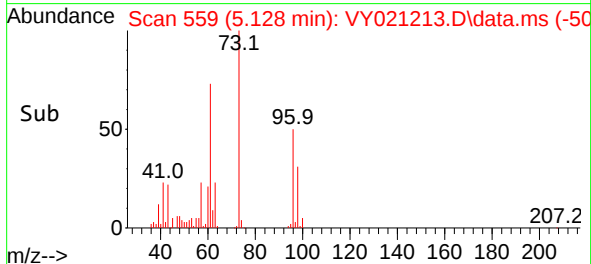
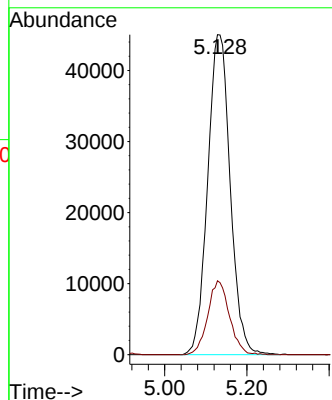
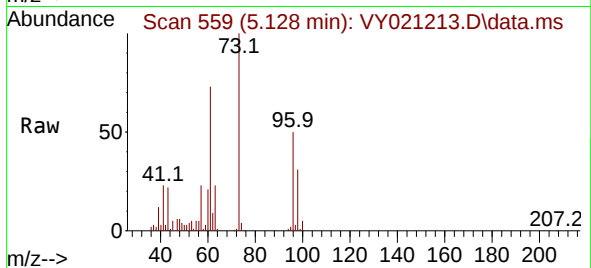
ClientSampleId :

Tgt Ion: 73 Resp: 171505

Ion Ratio Lower Upper

73 100

57 23.1 17.7 26.5



#20

Methylene Chloride

Concen: 52.934 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion: 84 Resp: 69729

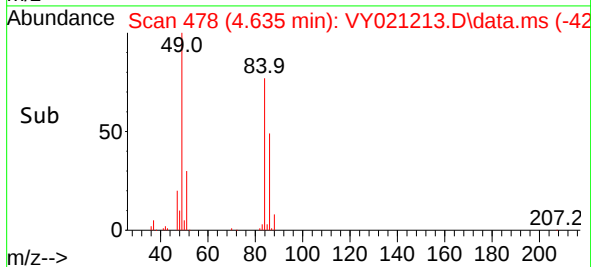
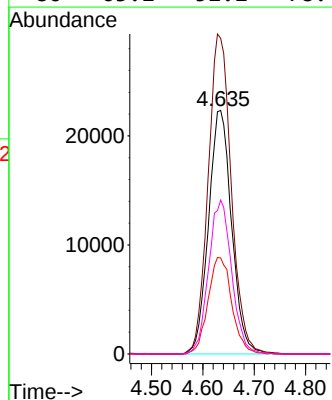
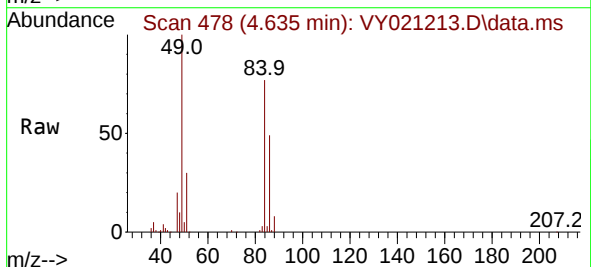
Ion Ratio Lower Upper

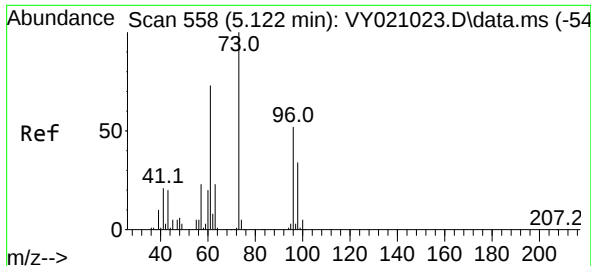
84 100

49 129.5 95.2 142.8

51 39.4 29.9 44.9

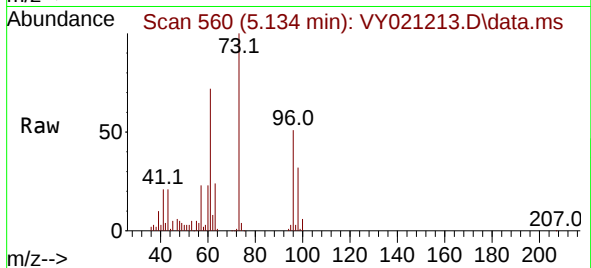
86 63.2 52.2 78.4



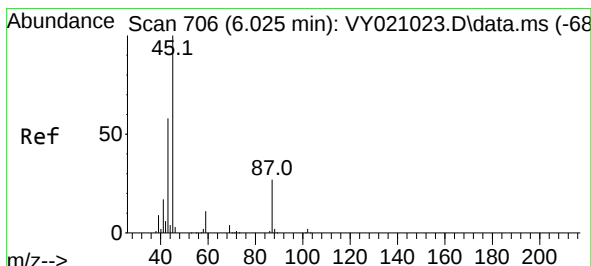
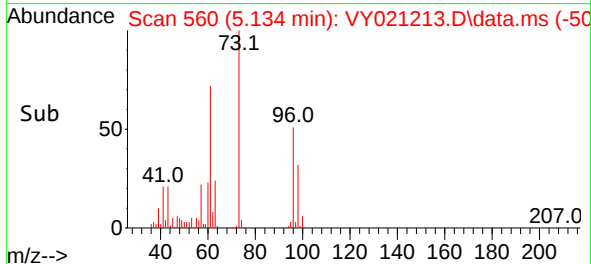
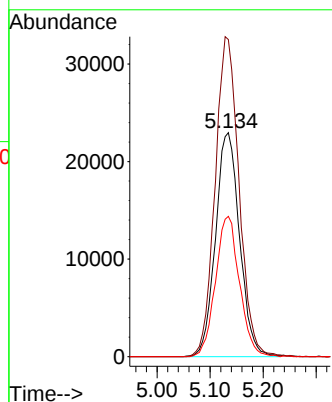


#21
trans-1,2-Dichloroethene
Concen: 52.021 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :

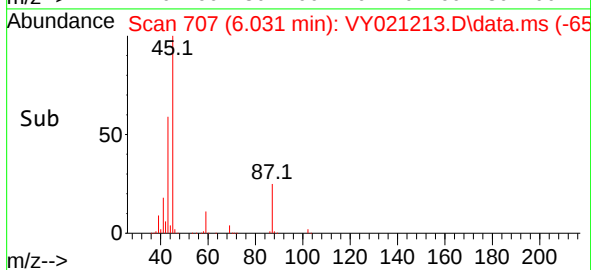
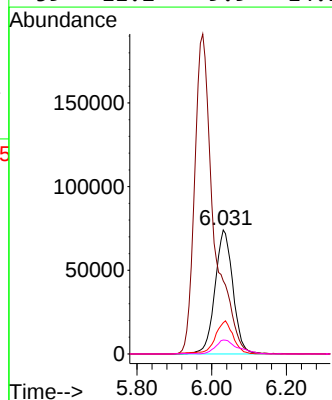
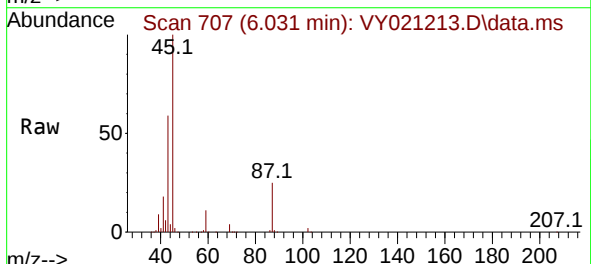


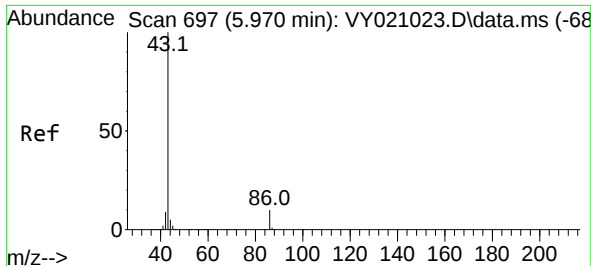
Tgt Ion: 96 Resp: 72407
Ion Ratio Lower Upper
96 100
61 141.5 104.6 156.8
98 62.6 50.9 76.3



#22
Diisopropyl ether
Concen: 56.032 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 45 Resp: 246129
Ion Ratio Lower Upper
45 100
43 58.6 46.8 70.2
87 25.2 22.2 33.2
59 11.2 9.9 14.9

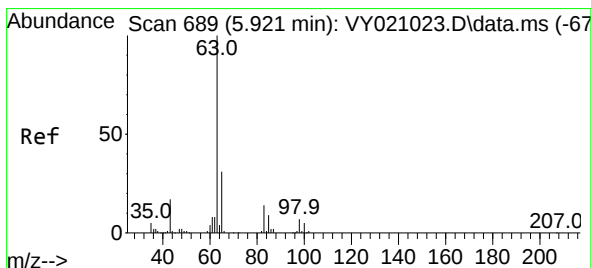
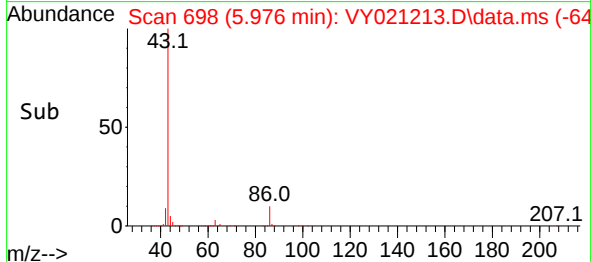
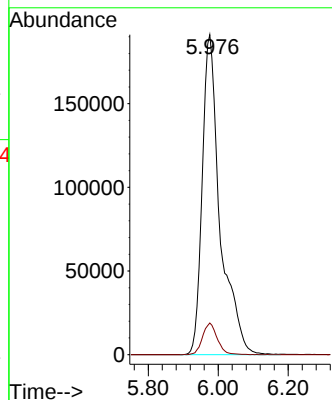
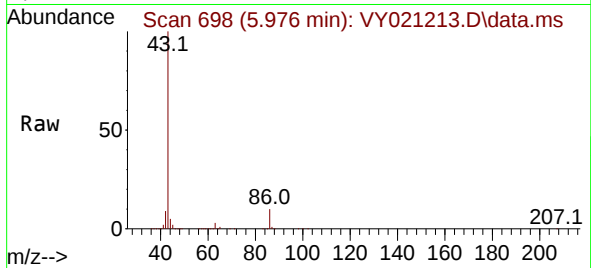




#23
 Vinyl Acetate
 Concen: 276.818 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

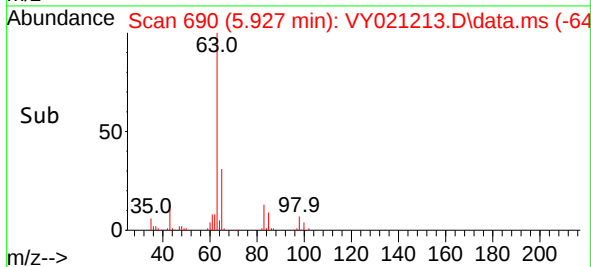
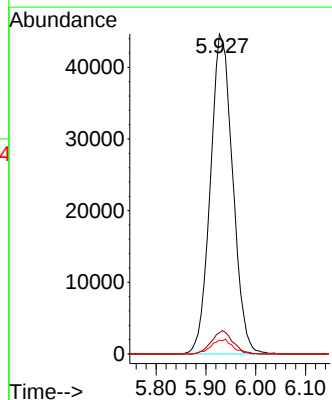
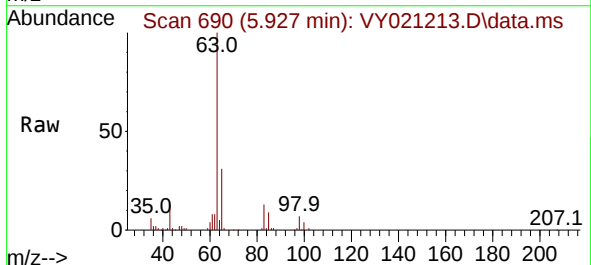
Instrument :
 MSVOA_Y
 ClientSampleId :

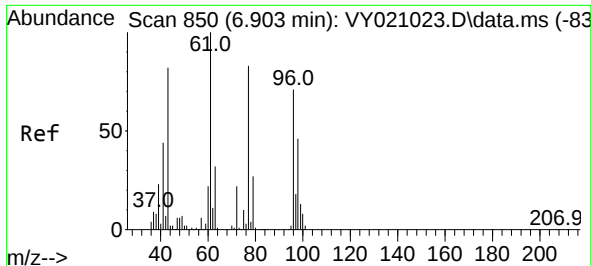
Tgt Ion: 43 Resp: 677857
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 54.079 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion: 63 Resp: 139179
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.3 2.1 6.2

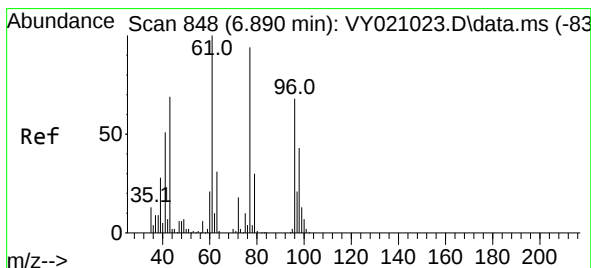
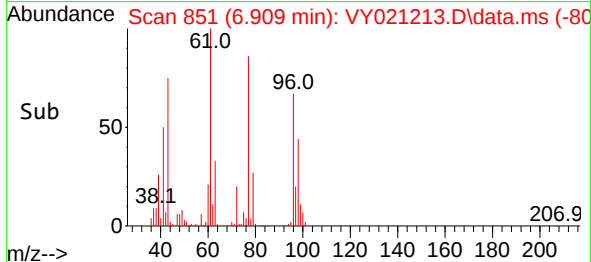
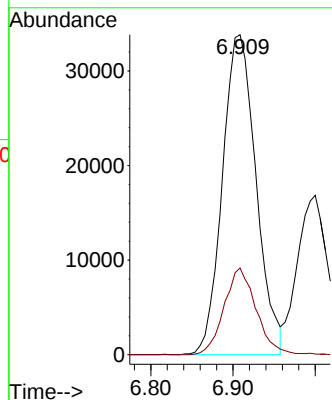
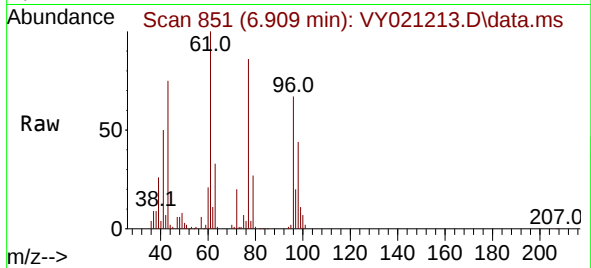




#25
2-Butanone
Concen: 276.814 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

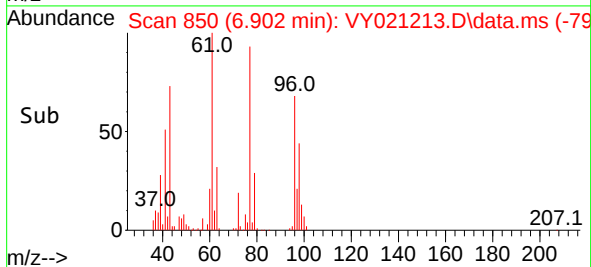
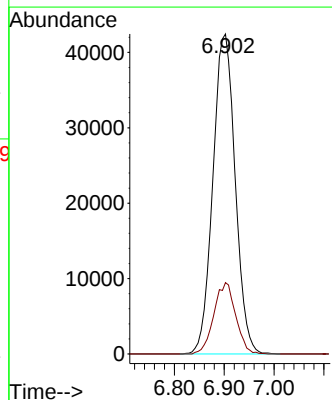
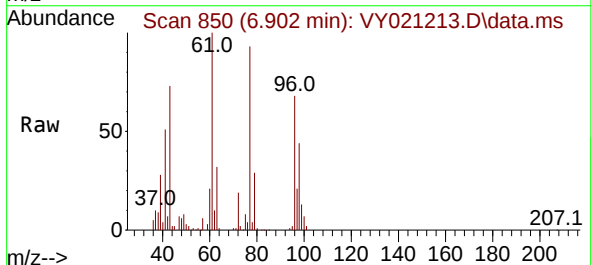
Instrument :
MSVOA_Y
ClientSampleId :

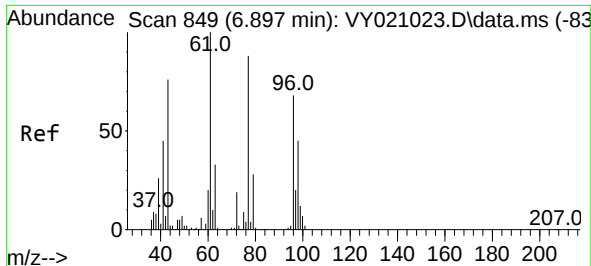
Tgt Ion: 43 Resp: 96389
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 55.372 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

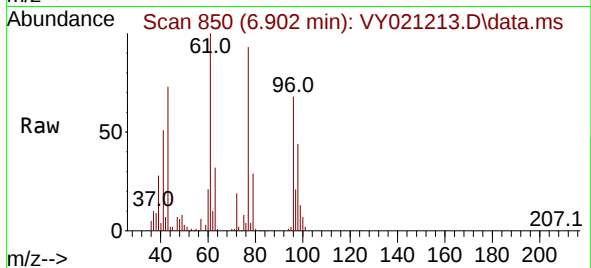
Tgt Ion: 77 Resp: 131859
Ion Ratio Lower Upper
77 100
97 21.8 11.7 35.0



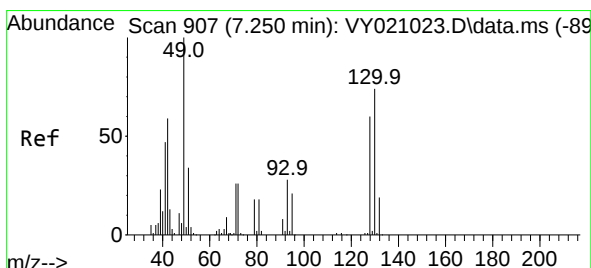
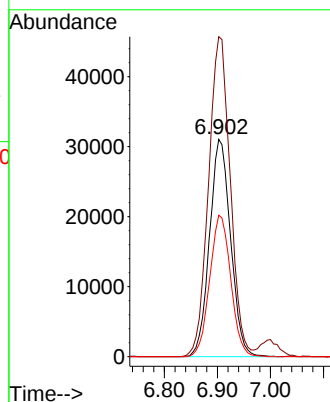
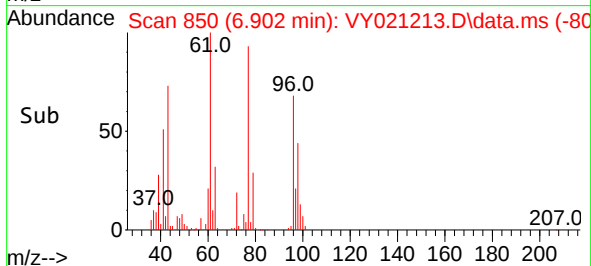


#27
 cis-1,2-Dichloroethene
 Concen: 53.589 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :

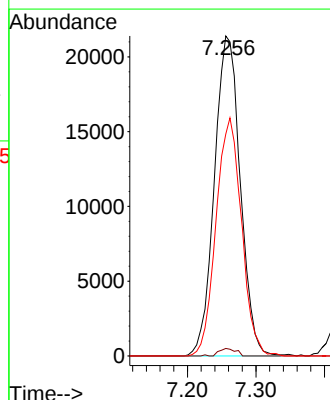
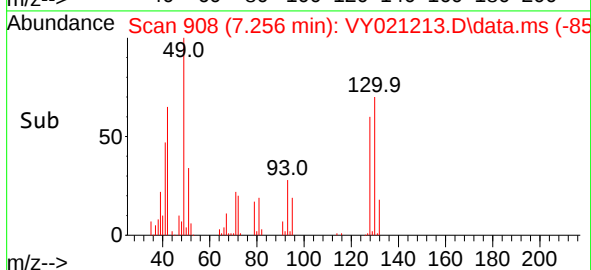
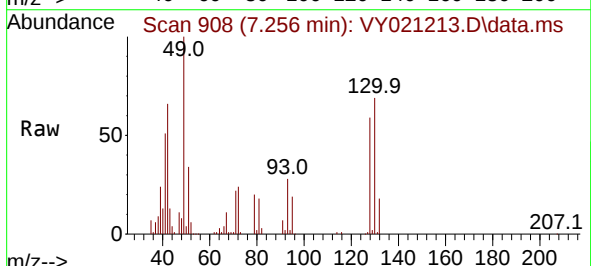


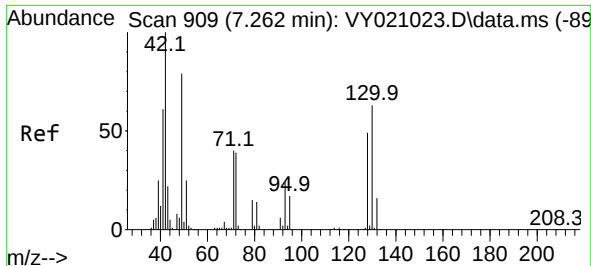
Tgt Ion: 96 Resp: 85855
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 278.8
 98 64.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 55.151 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion: 49 Resp: 56126
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 73.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 272.472 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021213.D

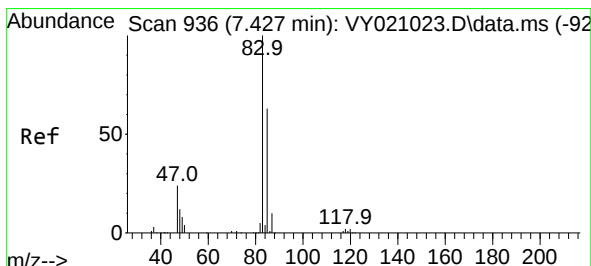
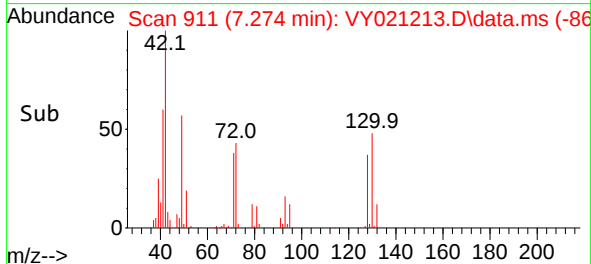
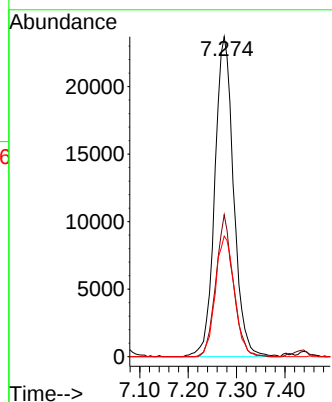
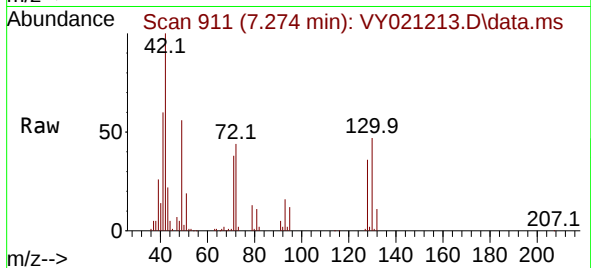
Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	64200
Ion	Ratio	Lower	Upper
42	100		
72	40.8	36.6	54.8
71	38.2	33.8	50.6



#30

Chloroform

Concen: 55.266 ug/l

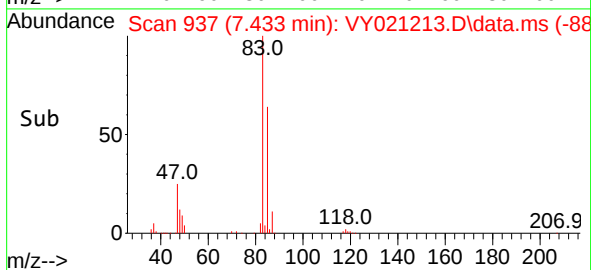
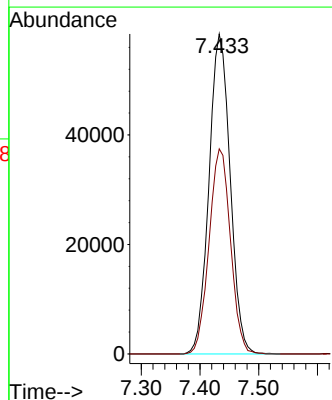
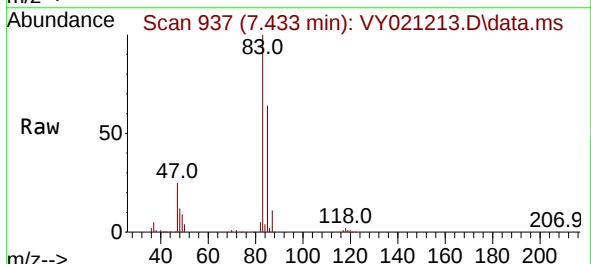
RT: 7.433 min Scan# 937

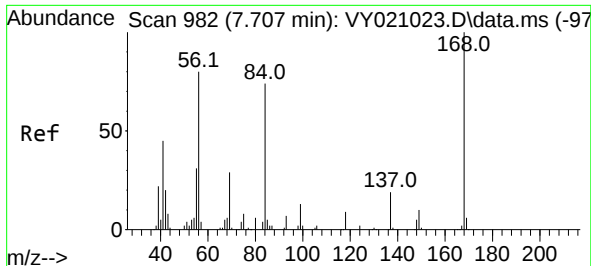
Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

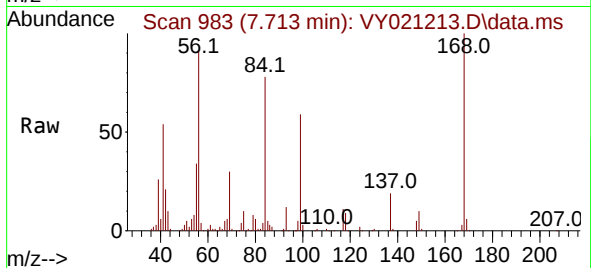
Tgt Ion:	83	Resp:	146096
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8



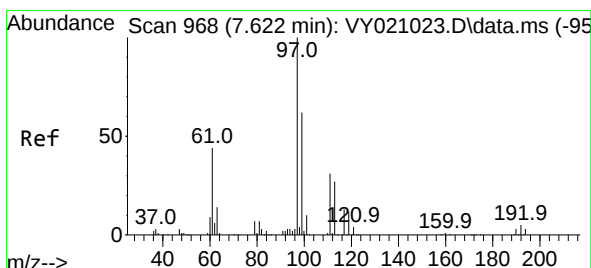
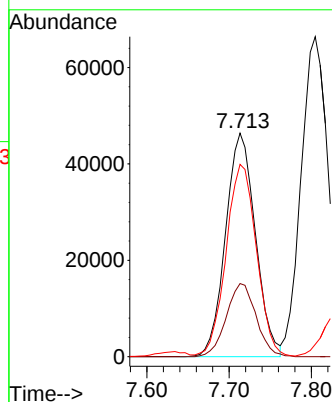
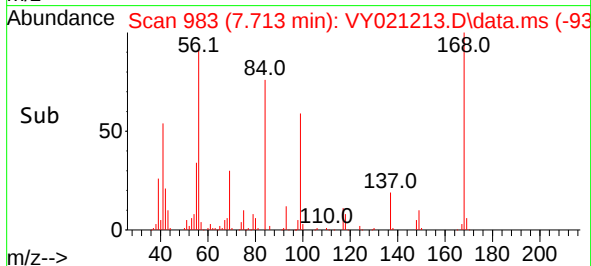


#31
Cyclohexane
Concen: 50.543 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

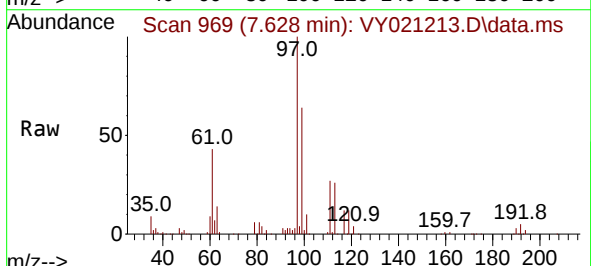
Instrument :
MSVOA_Y
ClientSampleId :



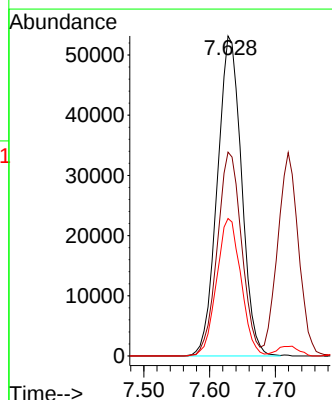
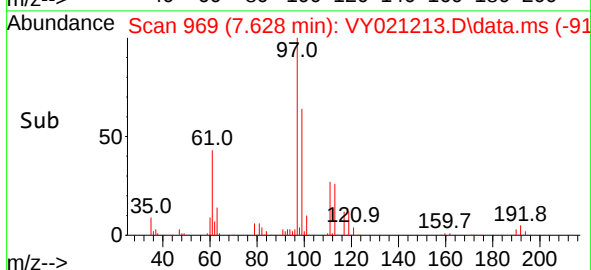
Tgt Ion: 56 Resp: 117137
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.6
84 84.3 71.8 107.6

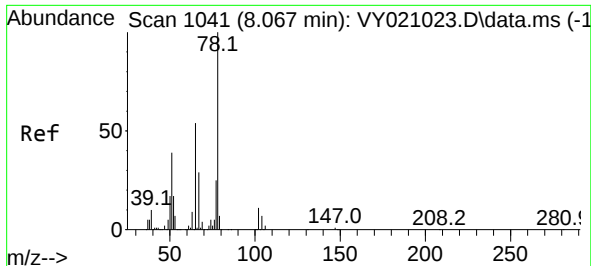


#32
1,1,1-Trichloroethane
Concen: 55.395 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06



Tgt Ion: 97 Resp: 136147
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 43.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.500 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

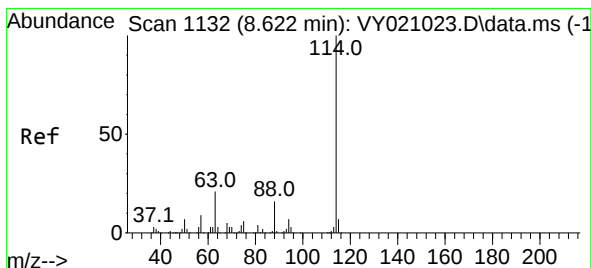
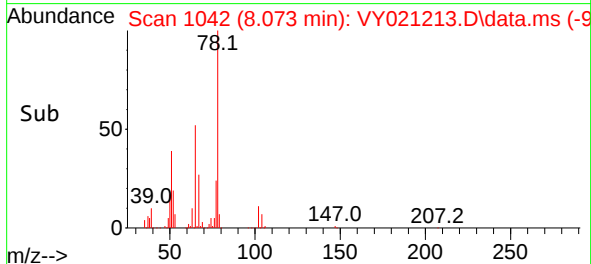
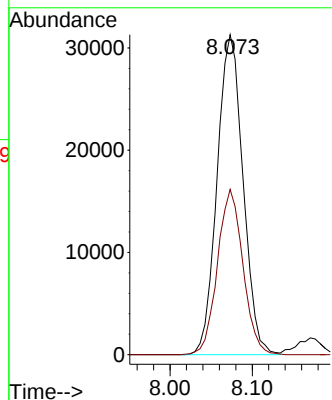
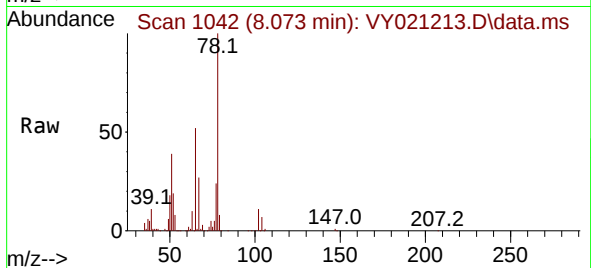
ClientSampleId :

Tgt Ion: 65 Resp: 68619

Ion Ratio Lower Upper

65 100

67 50.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

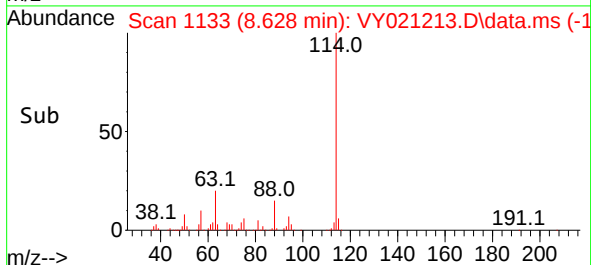
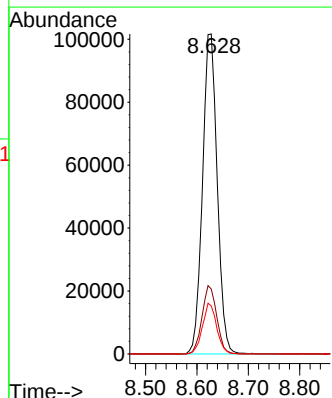
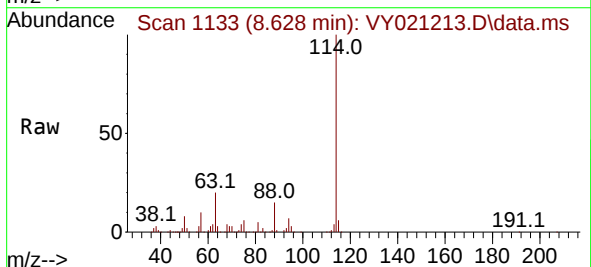
Tgt Ion: 114 Resp: 201801

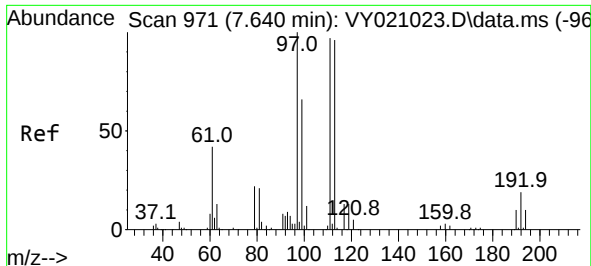
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.0 0.0 29.0

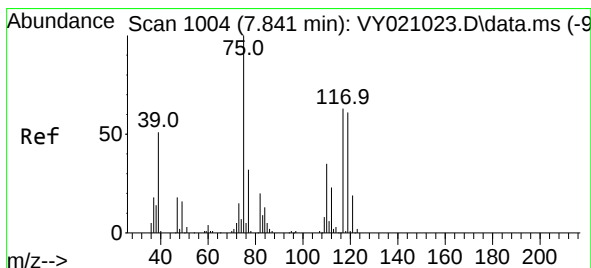
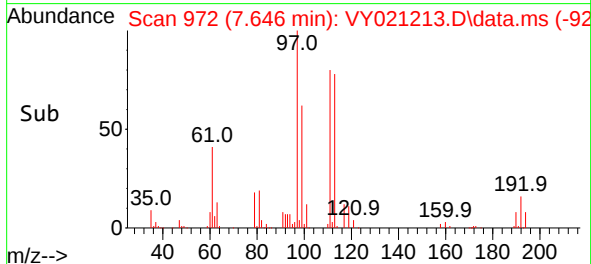
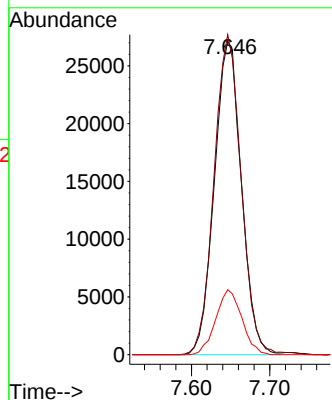
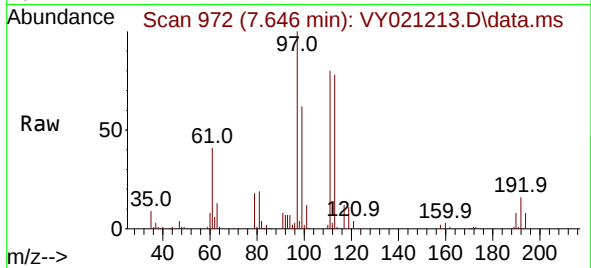




#35
Dibromofluoromethane
Concen: 50.373 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

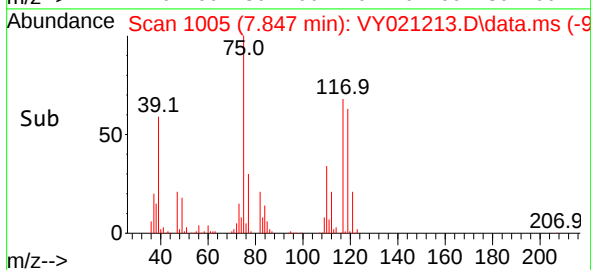
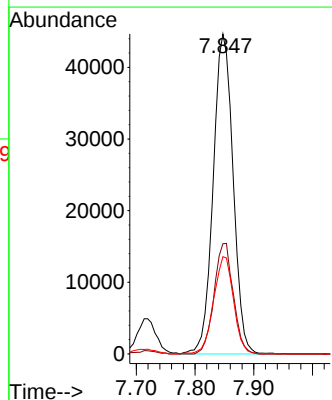
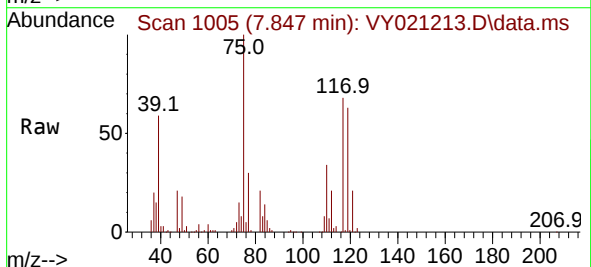
Instrument :
MSVOA_Y
ClientSampleId :

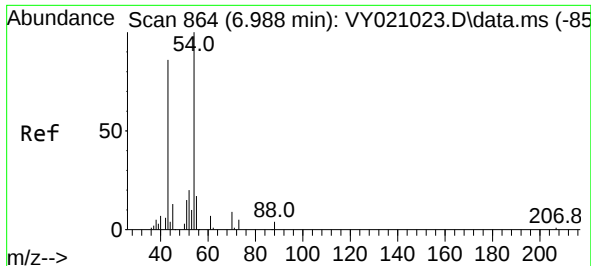
Tgt Ion:113 Resp: 65146
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 20.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.914 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 75 Resp: 105191
Ion Ratio Lower Upper
75 100
110 33.2 17.4 52.3
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 53.872 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

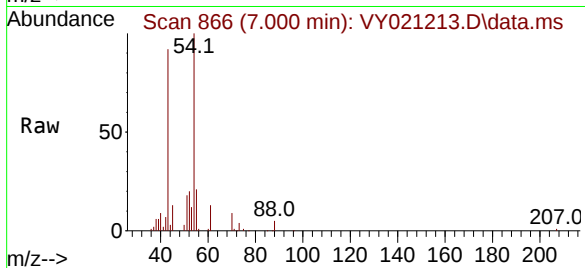
Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :



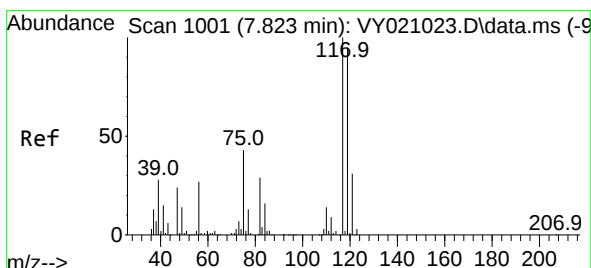
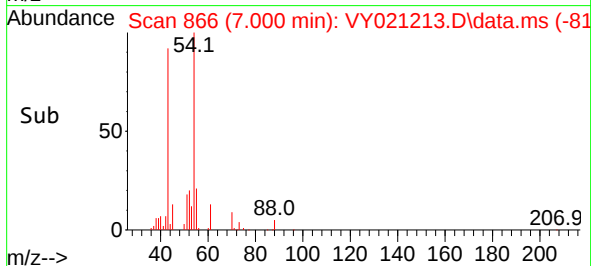
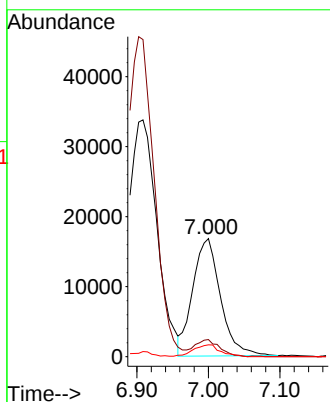
Tgt Ion: 43 Resp: 45271

Ion Ratio Lower Upper

43 100

61 12.9 11.0 16.6

70 9.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 55.732 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

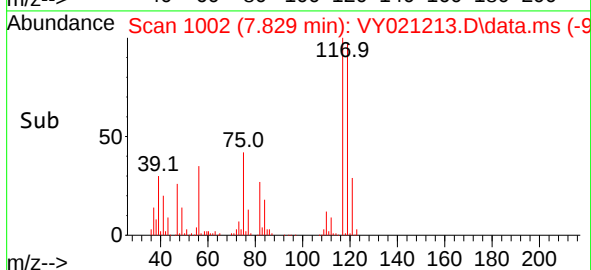
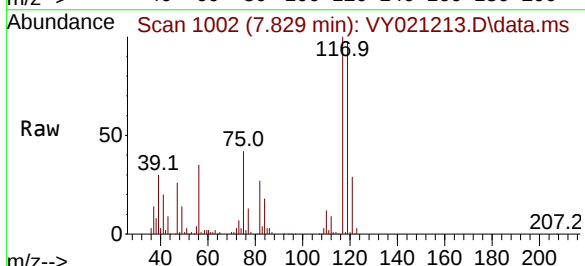
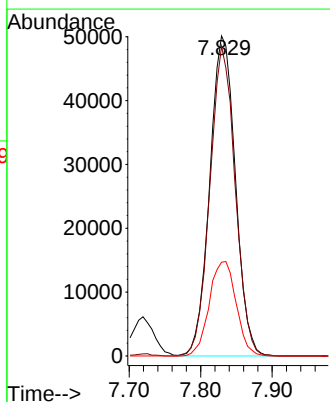
Tgt Ion: 117 Resp: 124742

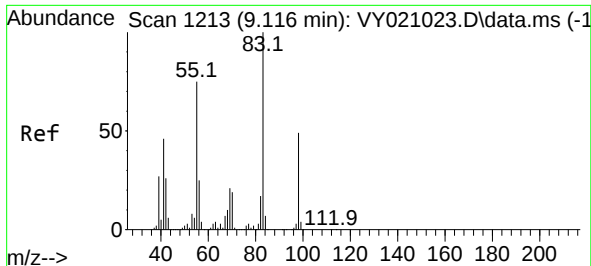
Ion Ratio Lower Upper

117 100

119 96.9 76.0 114.0

121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 54.201 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

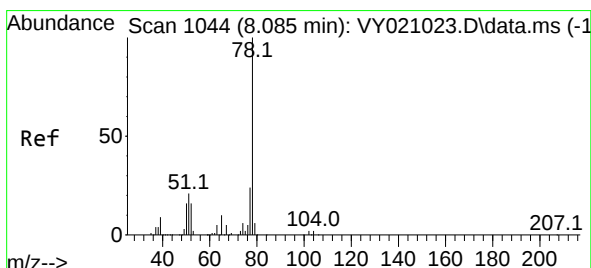
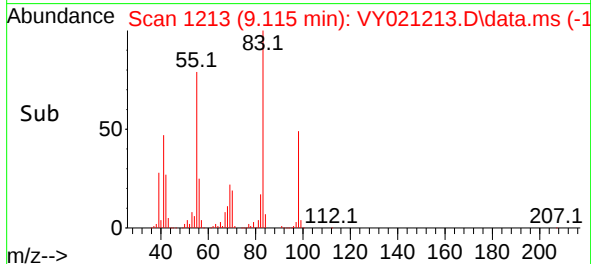
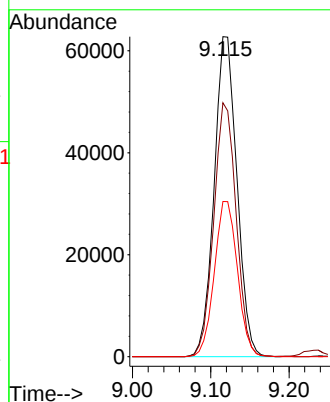
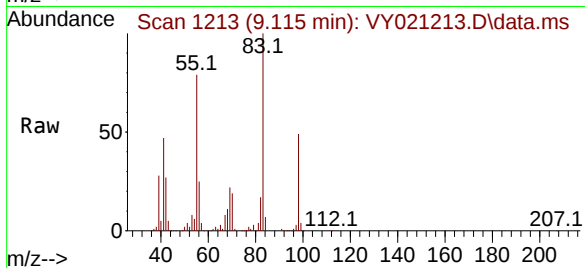
Tgt Ion: 83 Resp: 126999

Ion Ratio Lower Upper

83 100

55 79.3 59.7 89.5

98 48.5 38.0 57.0



#40

Benzene

Concen: 55.239 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021213.D

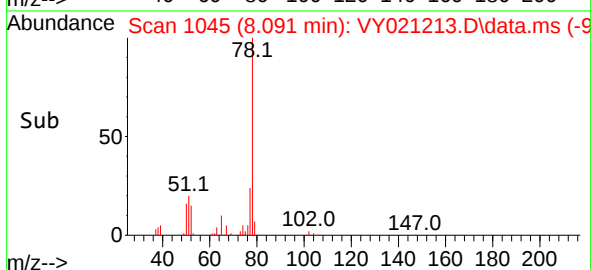
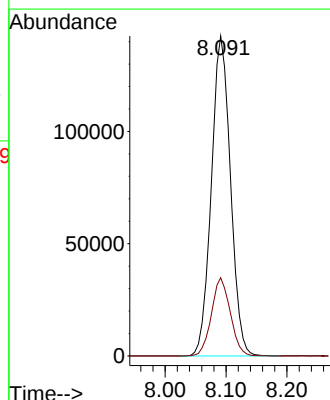
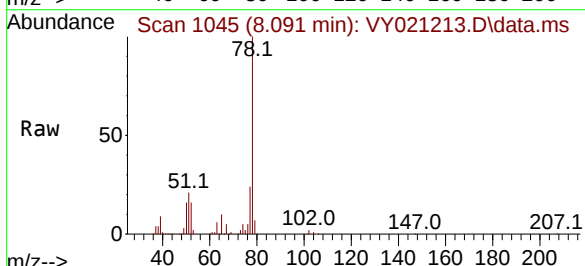
Acq: 17 Feb 2025 10:06

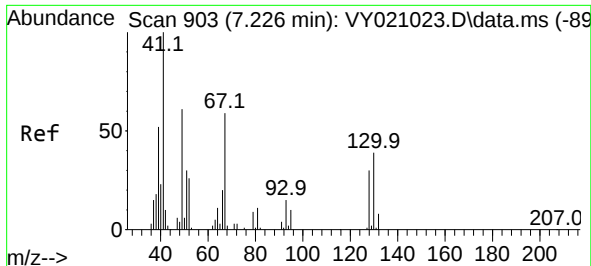
Tgt Ion: 78 Resp: 310527

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

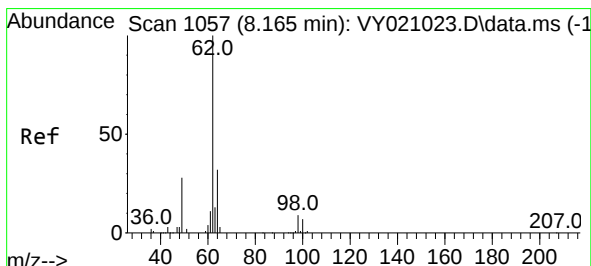
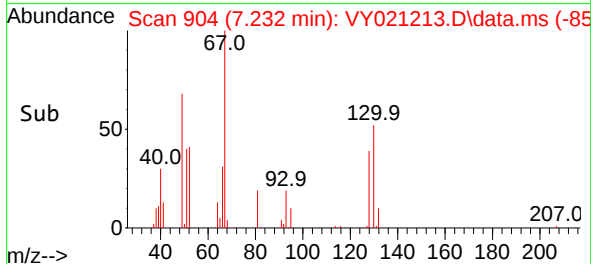
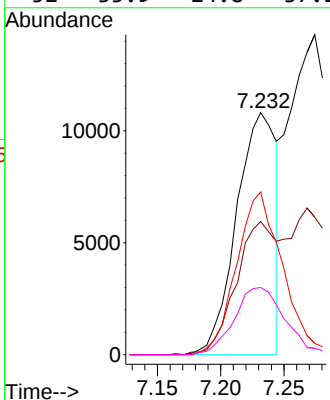
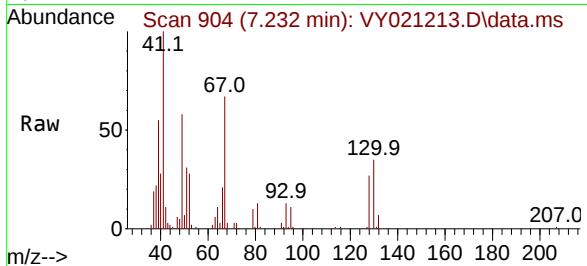




#41
Methacrylonitrile
Concen: 48.401 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

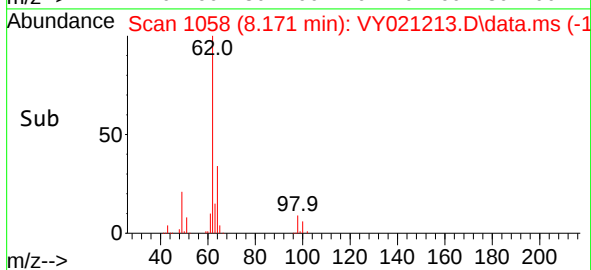
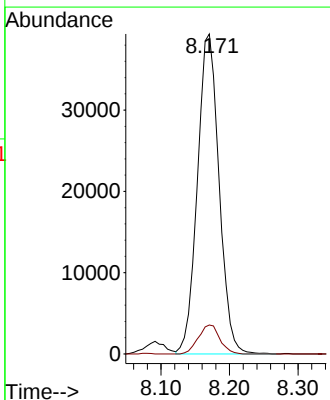
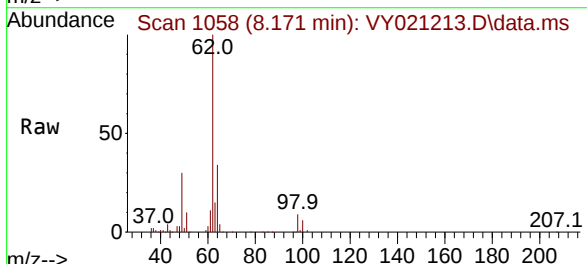
Instrument :
MSVOA_Y
ClientSampleId :

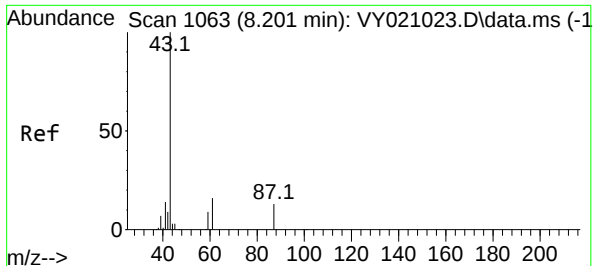
Tgt Ion:	41	Resp:	23531
Ion	Ratio	Lower	Upper
41	100		
39	55.0	41.9	62.9
67	78.2	59.8	89.6
52	35.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 55.555 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:	62	Resp:	86633
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 55.387 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

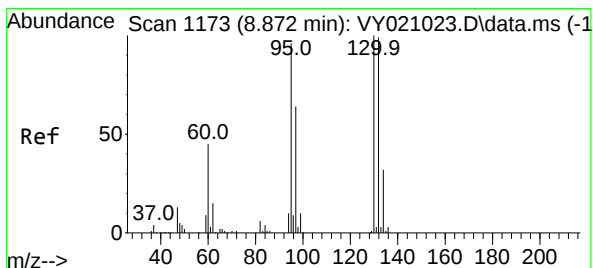
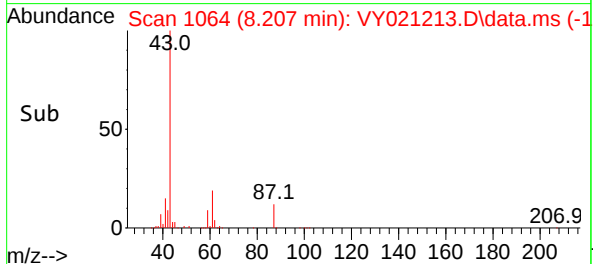
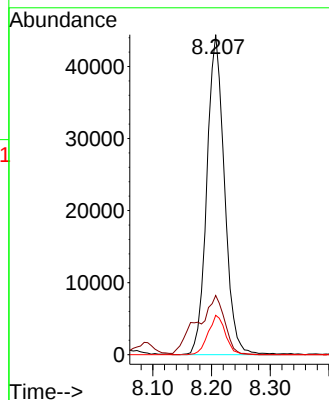
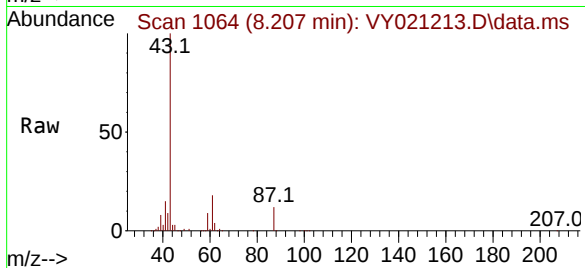
Tgt Ion: 43 Resp: 92483

Ion Ratio Lower Upper

43 100

61 28.6 24.8 37.2

87 12.1 10.7 16.1



#44

Trichloroethene

Concen: 53.174 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY021213.D

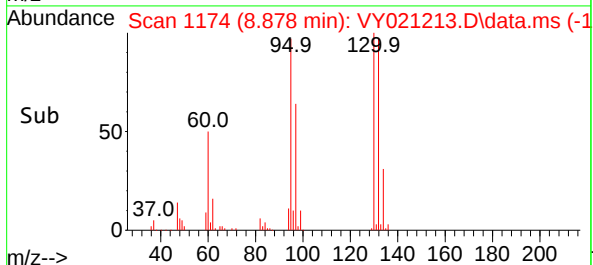
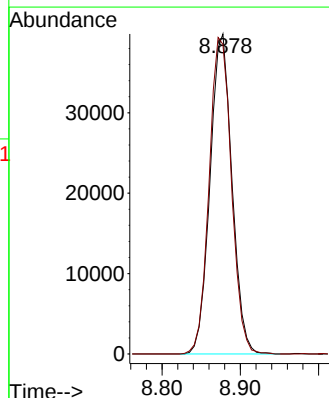
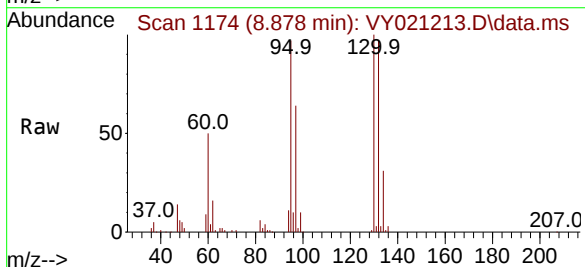
Acq: 17 Feb 2025 10:06

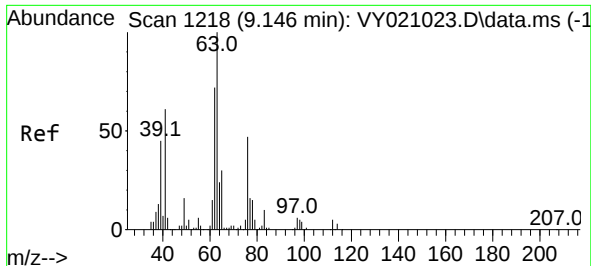
Tgt Ion:130 Resp: 77228

Ion Ratio Lower Upper

130 100

95 96.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 55.687 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

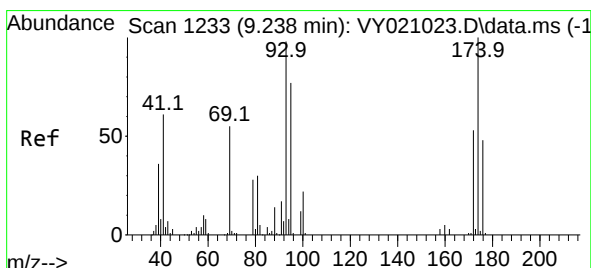
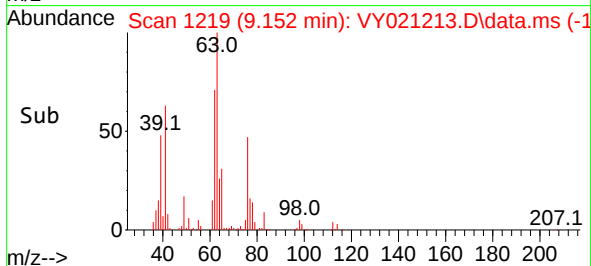
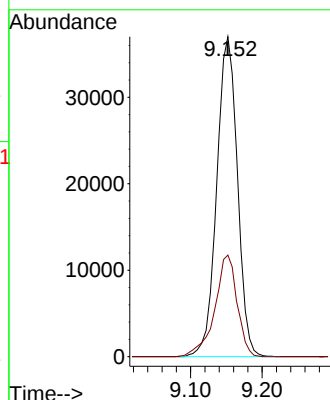
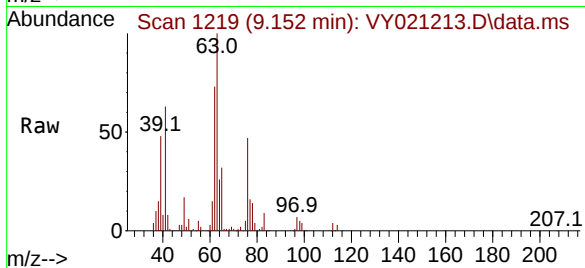
ClientSampleId :

Tgt Ion: 63 Resp: 74301

Ion Ratio Lower Upper

63 100

65 31.7 24.6 36.8



#46

Dibromomethane

Concen: 54.395 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

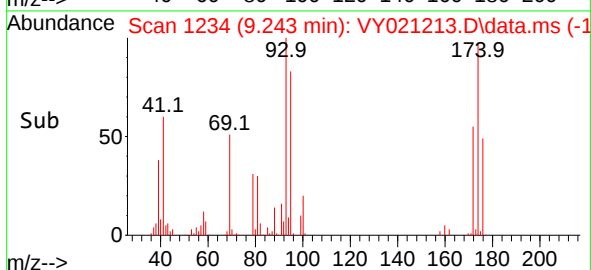
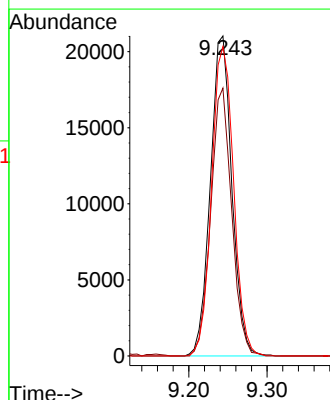
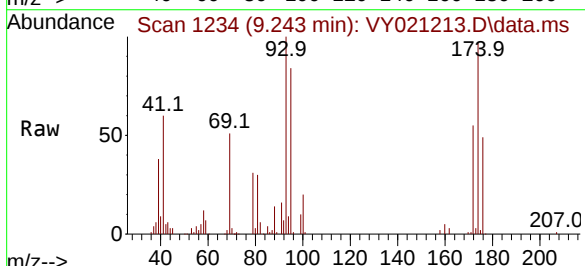
Tgt Ion: 93 Resp: 40185

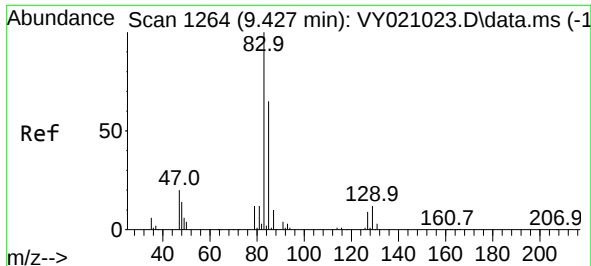
Ion Ratio Lower Upper

93 100

95 81.5 66.6 99.8

174 98.6 73.8 110.6

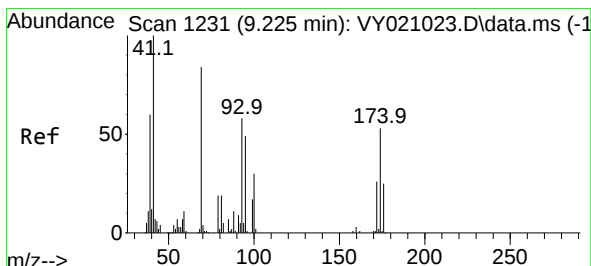
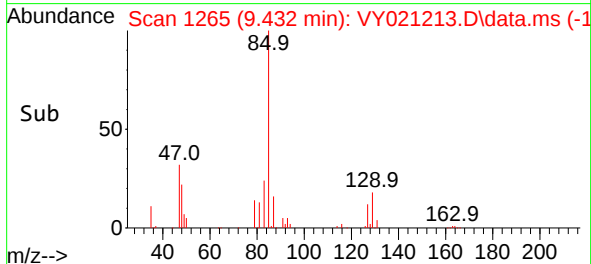
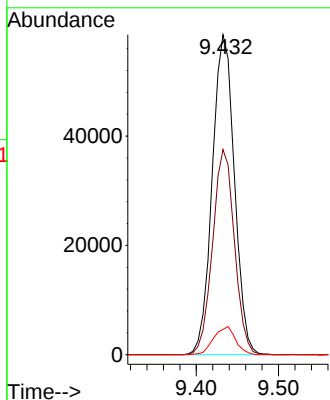
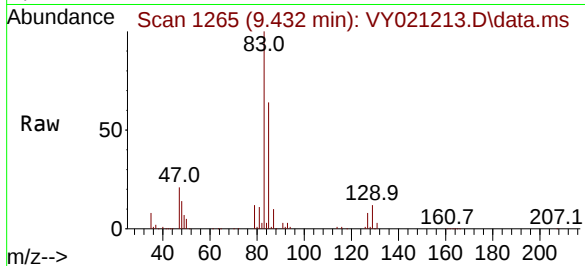




#47
Bromodichloromethane
Concen: 55.289 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

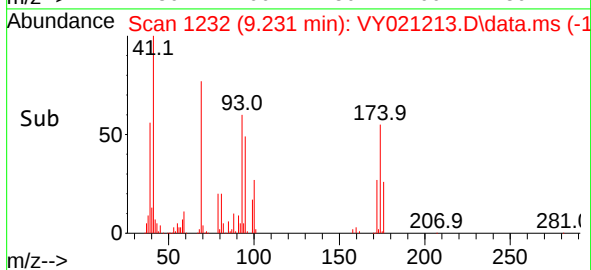
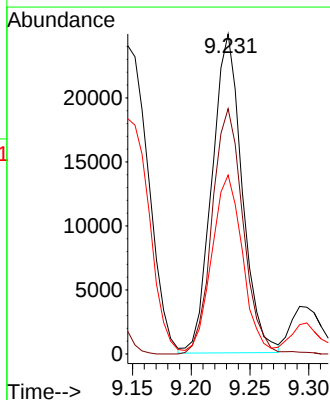
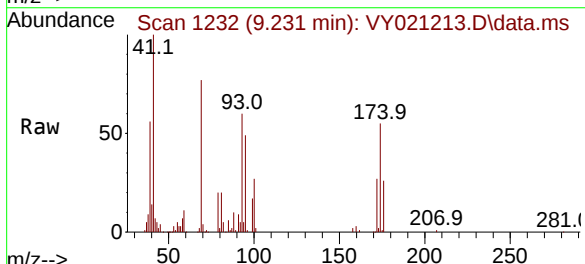
Instrument :
MSVOA_Y
ClientSampleId :

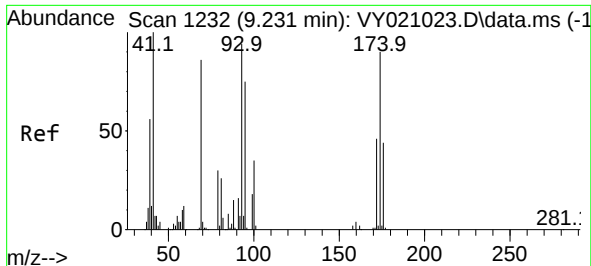
Tgt Ion: 83 Resp: 109543
Ion Ratio Lower Upper
83 100
85 64.1 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 58.417 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 41 Resp: 44432
Ion Ratio Lower Upper
41 100
69 79.1 72.1 108.1
39 55.1 42.8 64.2





#49

1,4-Dioxane

Concen: 1029.480 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

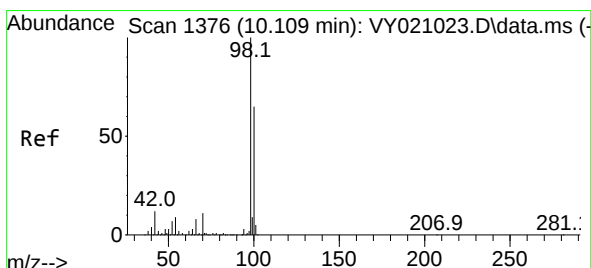
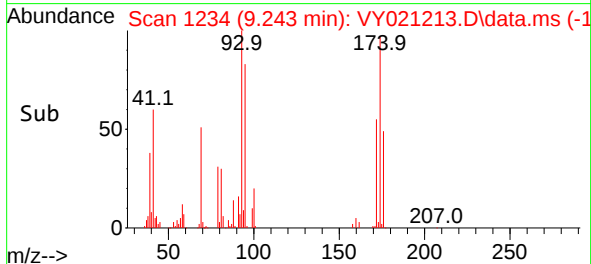
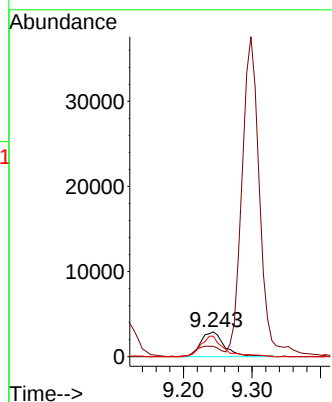
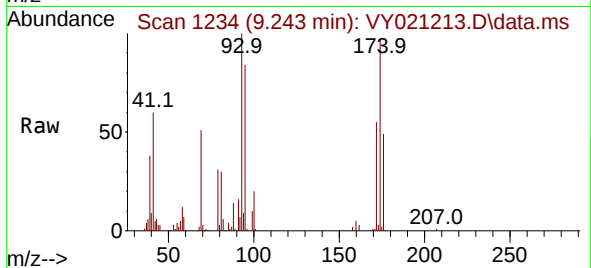
Tgt Ion: 88 Resp: 7080

Ion Ratio Lower Upper

88 100

43 44.3 28.2 42.4#

58 80.1 52.2 78.2#



#50

Toluene-d8

Concen: 50.954 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021213.D

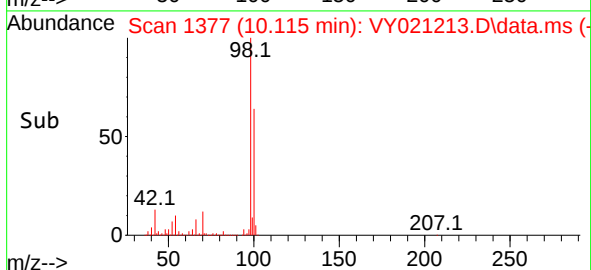
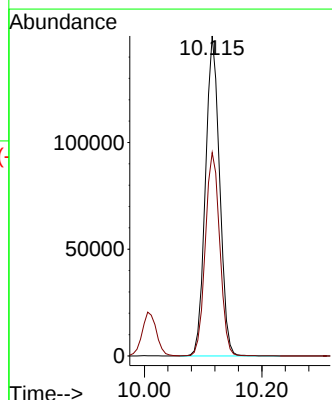
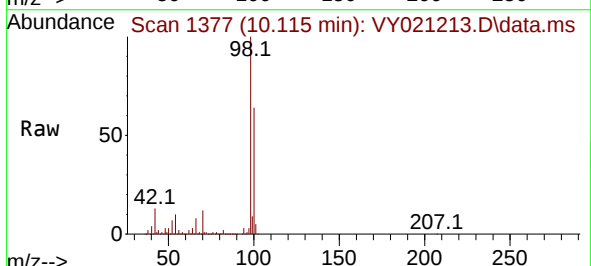
Acq: 17 Feb 2025 10:06

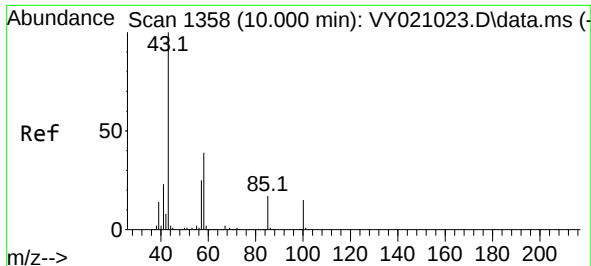
Tgt Ion: 98 Resp: 250878

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

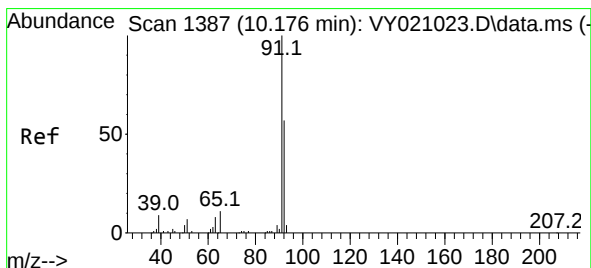
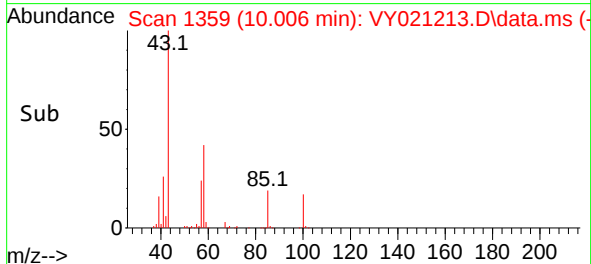
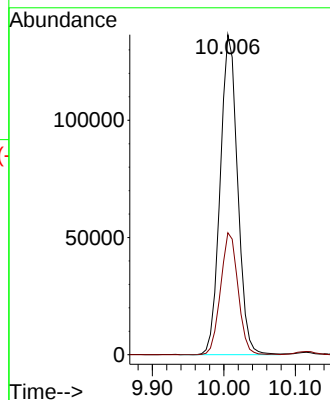
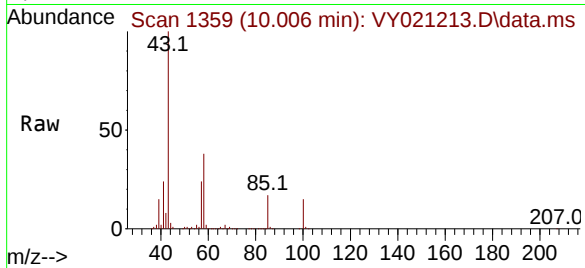




#51
4-Methyl-2-Pentanone
Concen: 274.949 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

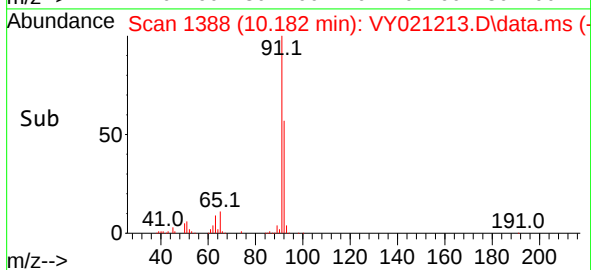
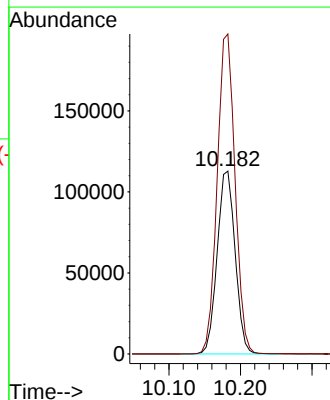
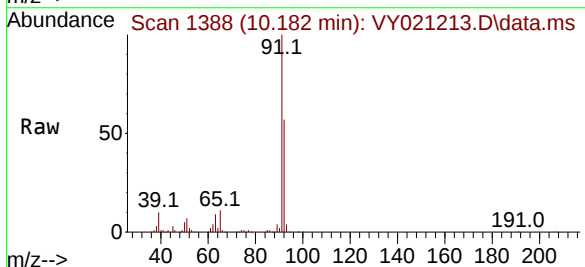
Instrument :
MSVOA_Y
ClientSampleId :

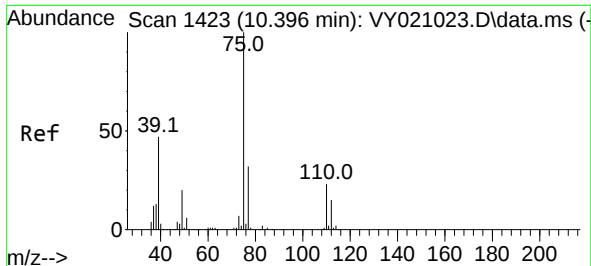
Tgt Ion: 43 Resp: 230869
Ion Ratio Lower Upper
43 100
58 38.2 32.2 48.2



#52
Toluene
Concen: 55.768 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 92 Resp: 196847
Ion Ratio Lower Upper
92 100
91 173.9 137.6 206.4

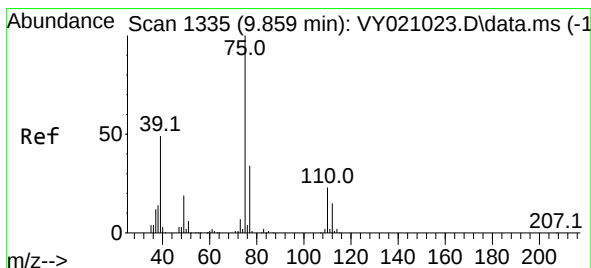
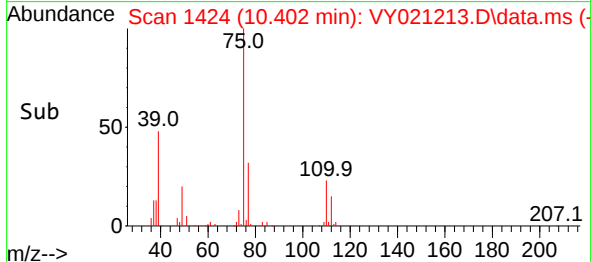
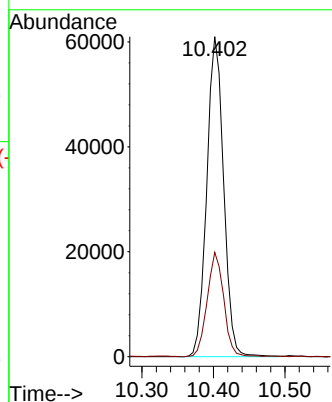
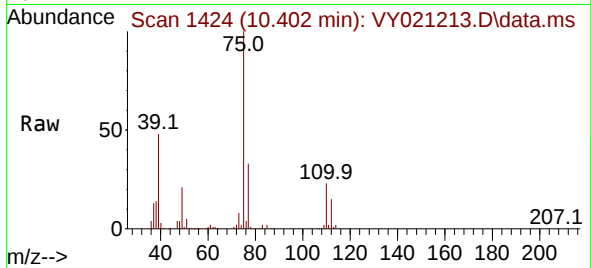




#53
 t-1,3-Dichloropropene
 Concen: 56.104 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

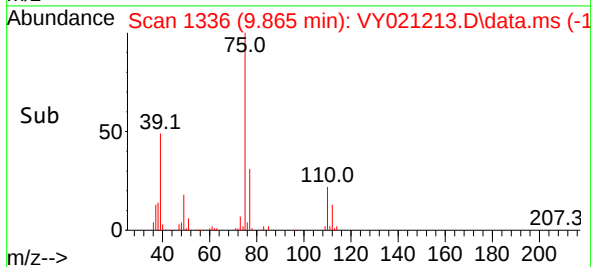
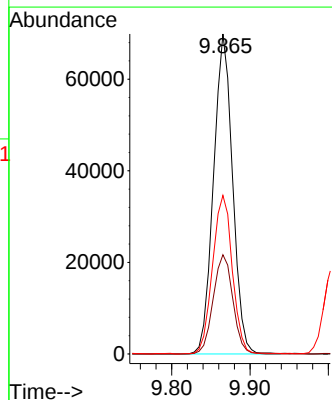
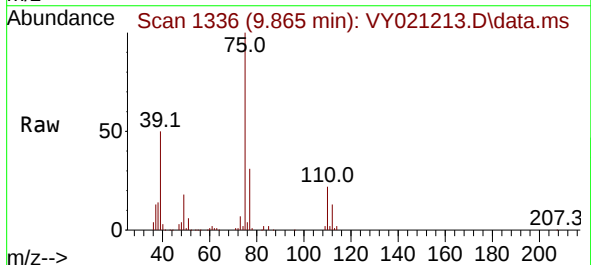
Instrument :
 MSVOA_Y
 ClientSampleId :

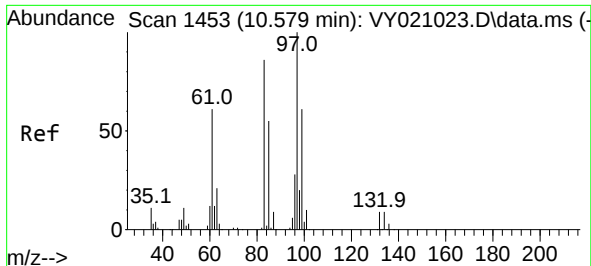
Tgt Ion: 75 Resp: 99811
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 56.114 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion: 75 Resp: 118200
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 49.6 33.6 50.4

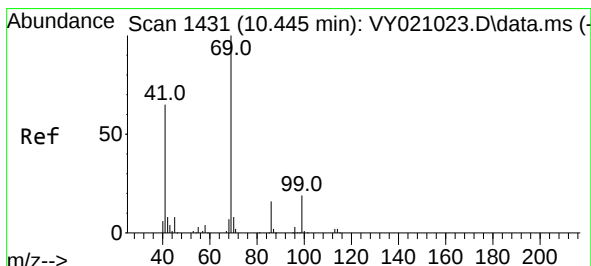
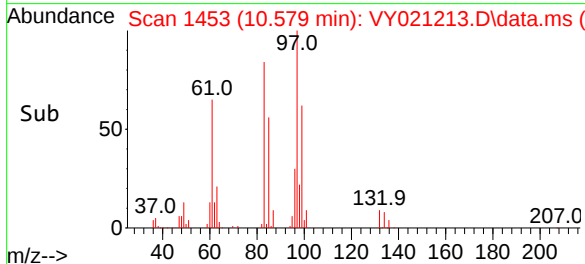
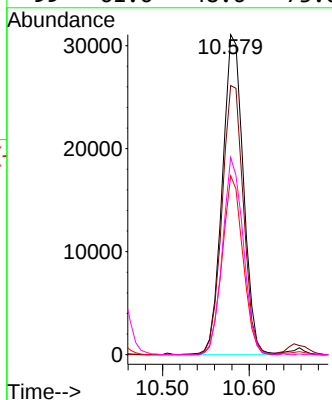
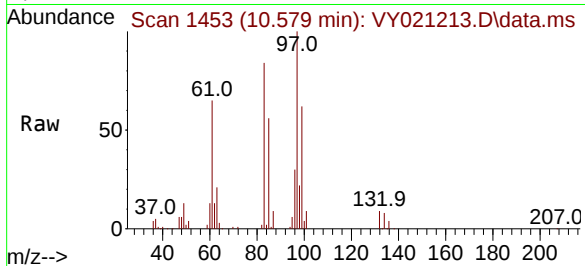




#55
1,1,2-Trichloroethane
Concen: 54.792 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

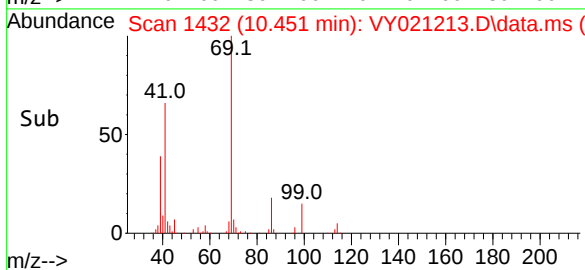
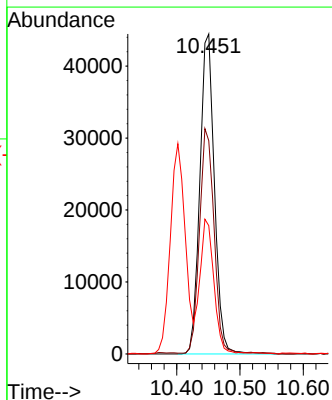
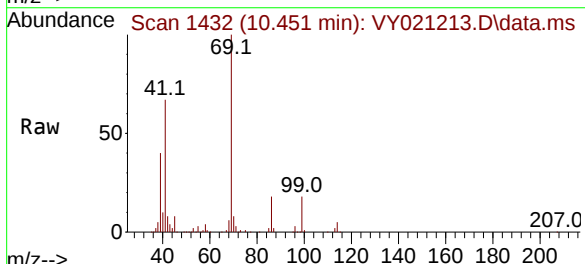
Instrument :
MSVOA_Y
ClientSampleId :

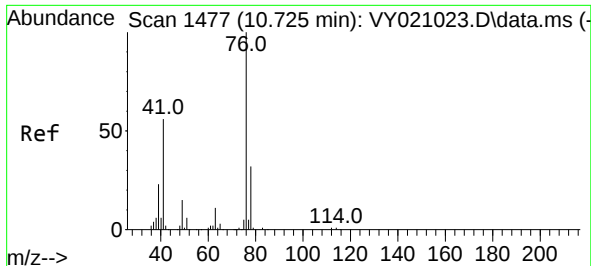
Tgt Ion:	97	Resp:	52417
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.4	104.2
85	55.9	43.9	65.9
99	61.6	48.6	73.0



#56
Ethyl methacrylate
Concen: 55.729 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:	69	Resp:	71321
Ion	Ratio	Lower	Upper
69	100		
41	69.6	49.2	73.8
39	39.9	26.8	40.2





#57

1,3-Dichloropropane

Concen: 55.691 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

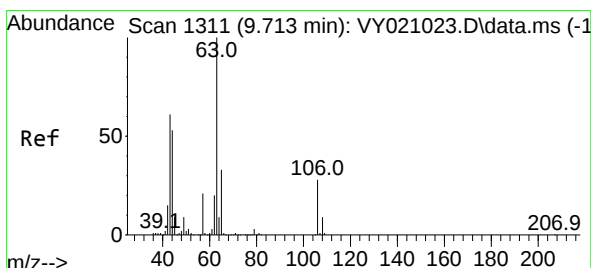
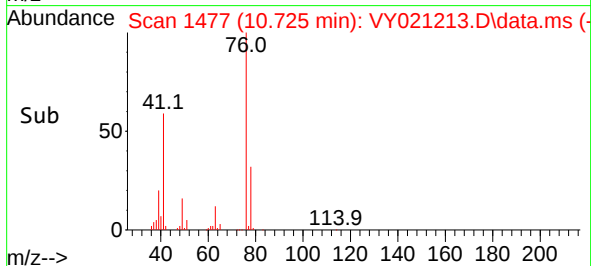
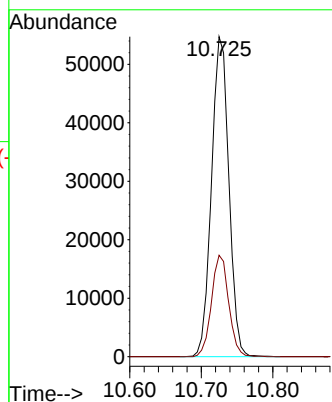
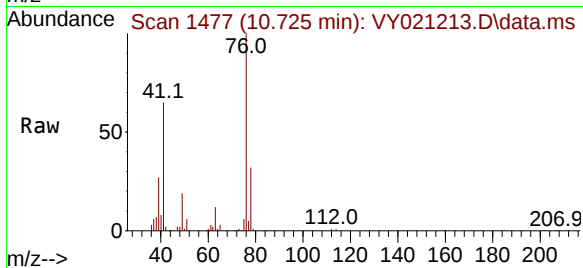
ClientSampleId :

Tgt Ion: 76 Resp: 92214

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 273.348 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021213.D

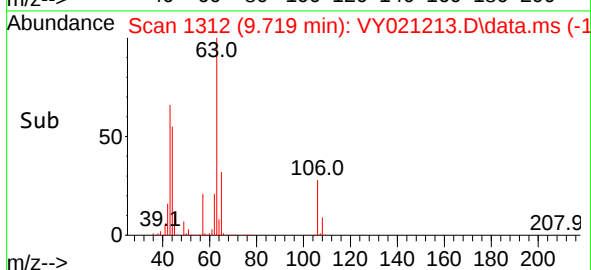
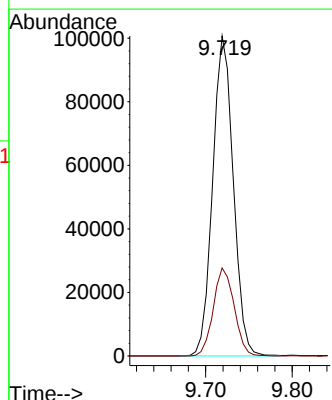
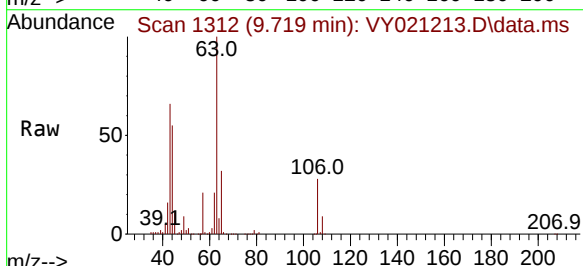
Acq: 17 Feb 2025 10:06

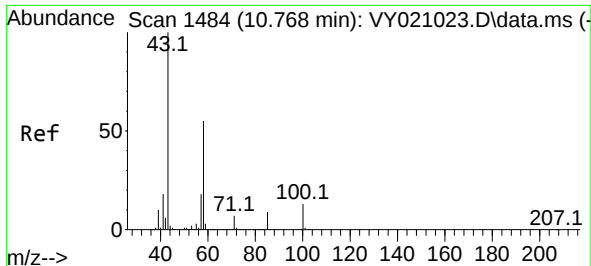
Tgt Ion: 63 Resp: 166427

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

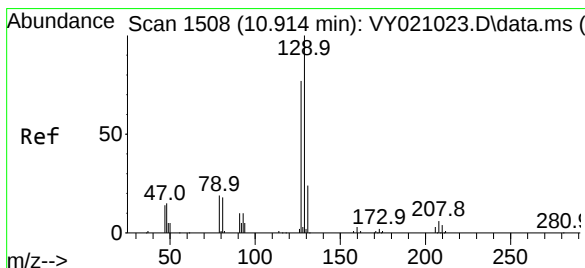
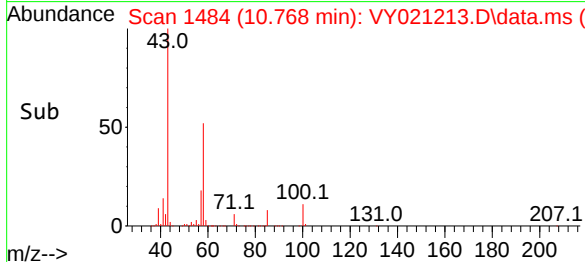
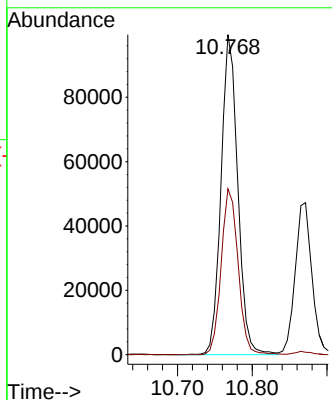
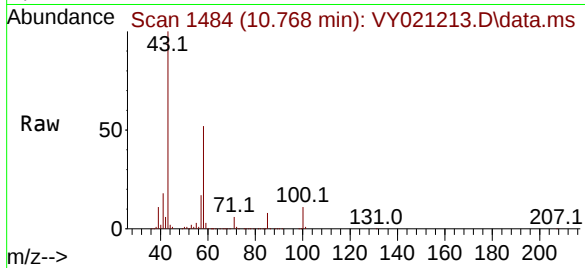




#59
2-Hexanone
Concen: 286.494 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

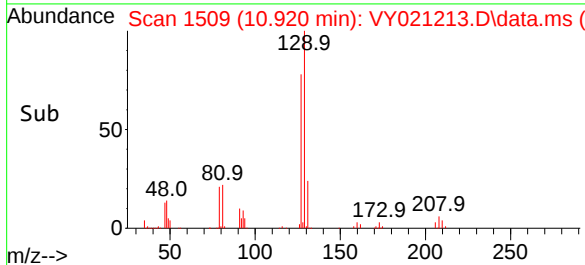
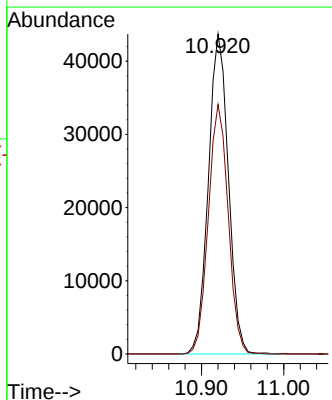
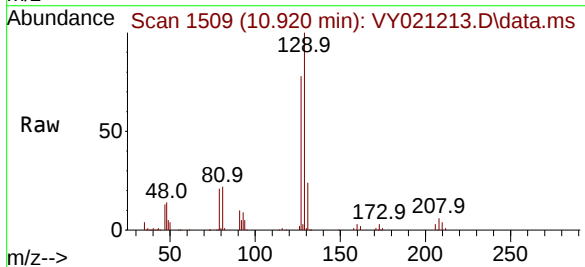
Instrument :
MSVOA_Y
ClientSampleId :

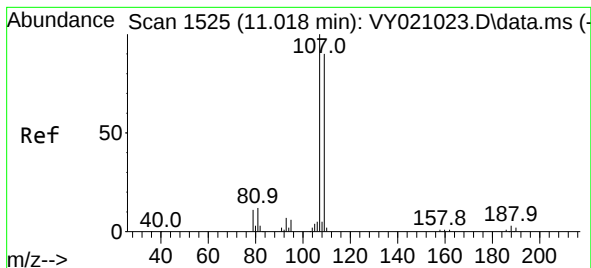
Tgt Ion: 43 Resp: 154889
Ion Ratio Lower Upper
43 100
58 52.5 28.1 84.3



#60
Dibromochloromethane
Concen: 54.954 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 129 Resp: 73829
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

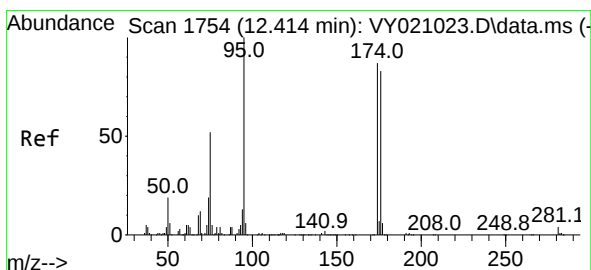
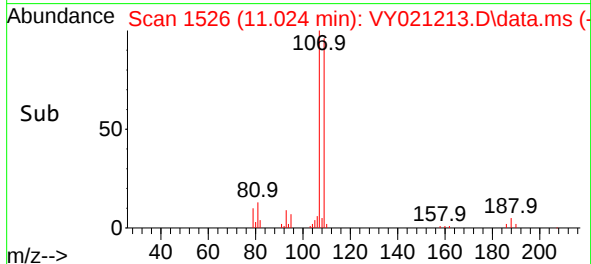
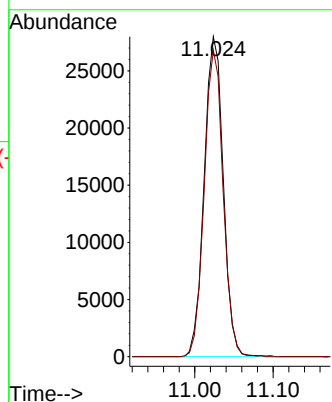
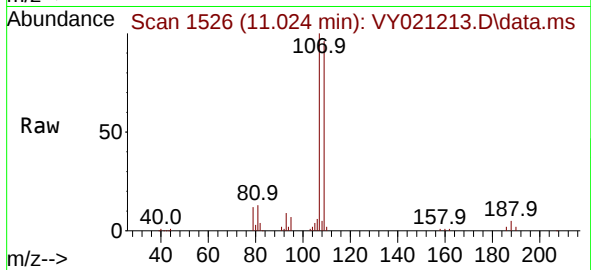




#61
1,2-Dibromoethane
Concen: 52.820 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

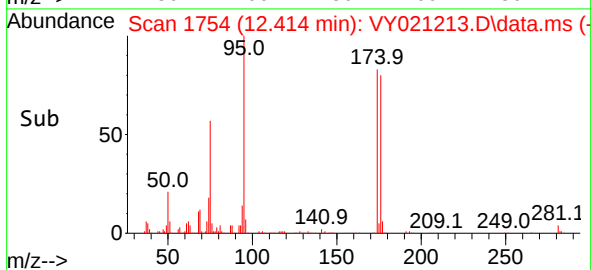
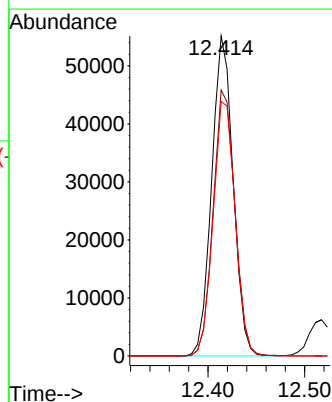
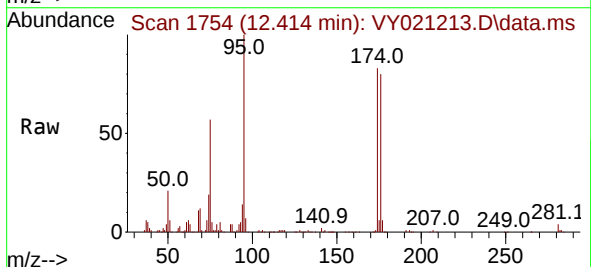
Instrument :
MSVOA_Y
ClientSampleId :

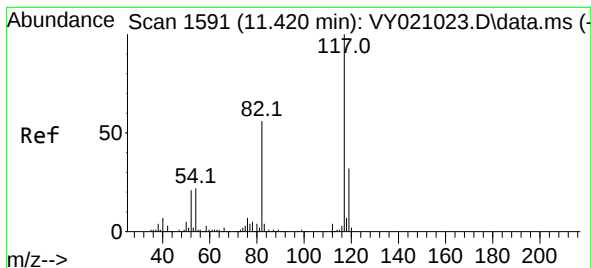
Tgt Ion:107 Resp: 47330
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.680 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 95 Resp: 84737
Ion Ratio Lower Upper
95 100
174 84.2 0.0 160.0
176 81.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

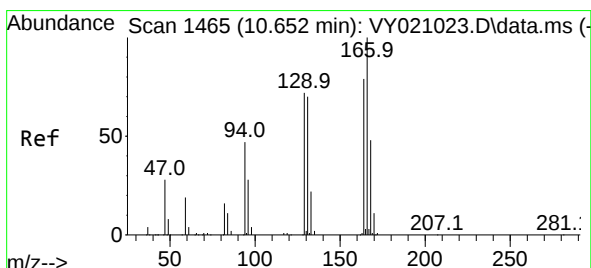
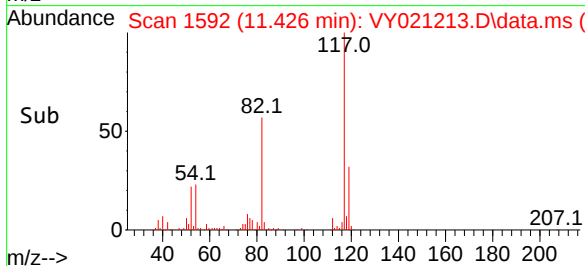
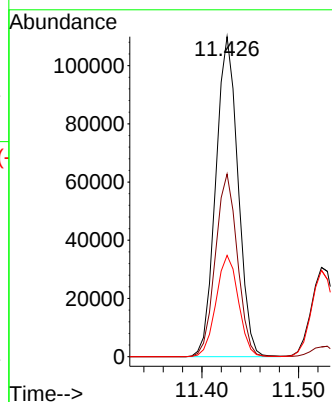
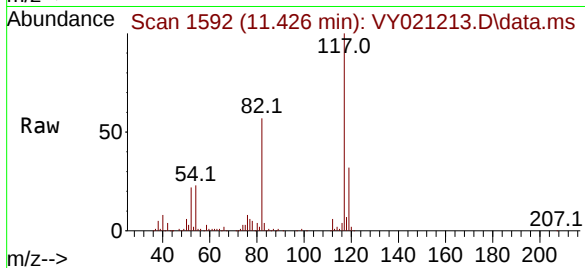
Tgt Ion:117 Resp: 175510

Ion Ratio Lower Upper

117 100

82 57.1 43.8 65.8

119 31.7 26.5 39.7



#64

Tetrachloroethene

Concen: 53.480 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion:164 Resp: 69679

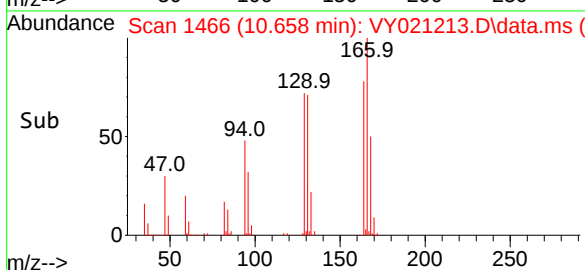
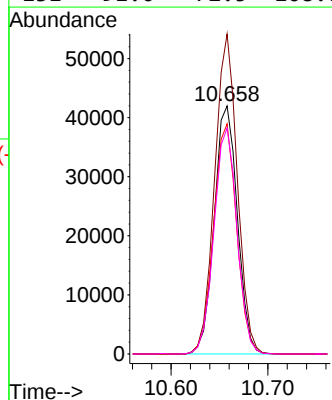
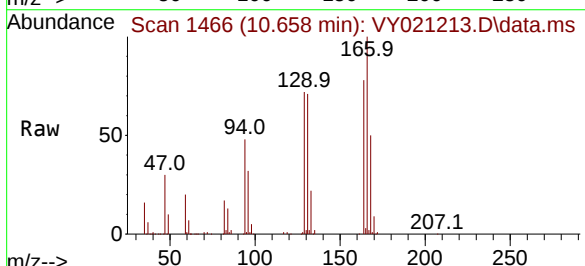
Ion Ratio Lower Upper

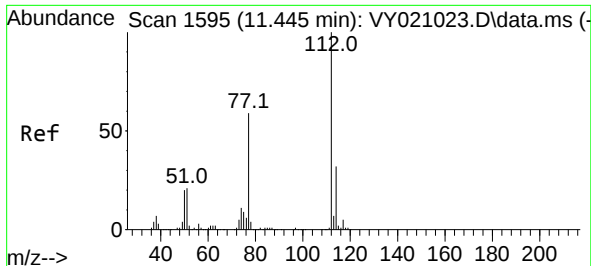
164 100

166 129.0 98.8 148.2

129 92.8 78.9 118.3

131 91.0 72.5 108.7

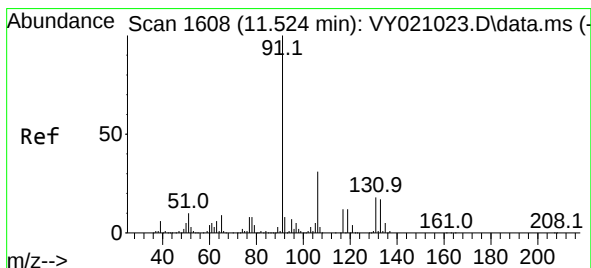
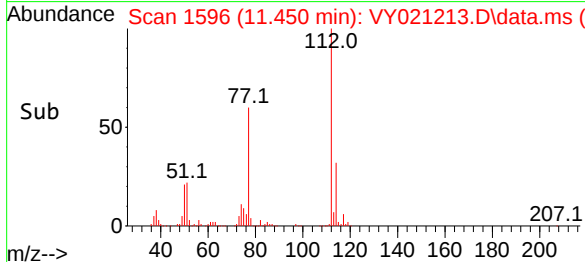
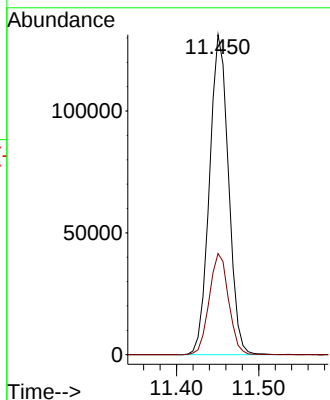
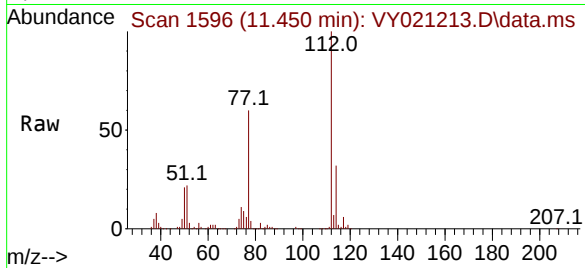




#65
Chlorobenzene
Concen: 54.047 ug/l
RT: 11.450 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

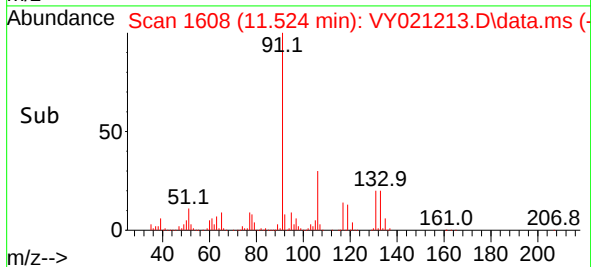
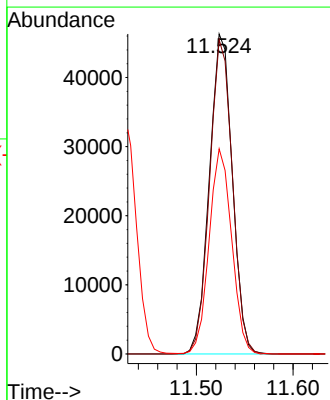
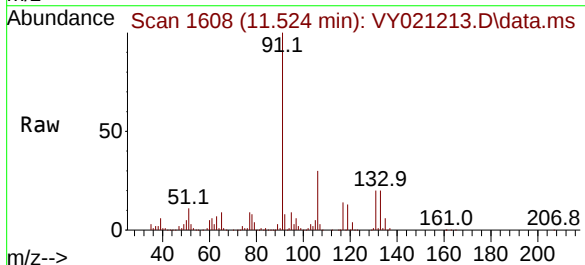
Instrument :
MSVOA_Y
ClientSampleId :

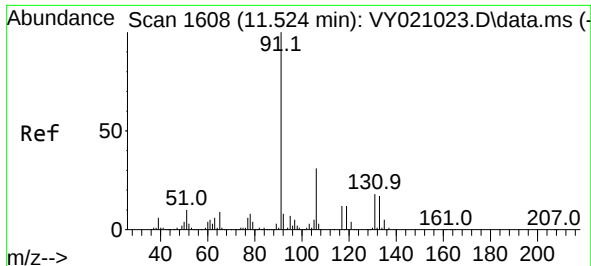
Tgt Ion:112 Resp: 211219
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.885 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:131 Resp: 76225
Ion Ratio Lower Upper
131 100
133 97.6 47.0 141.0
119 63.1 33.3 99.9





#67

Ethyl Benzene

Concen: 55.955 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

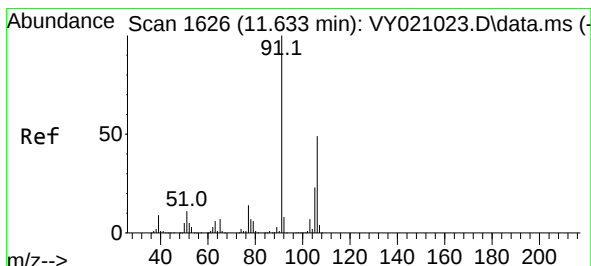
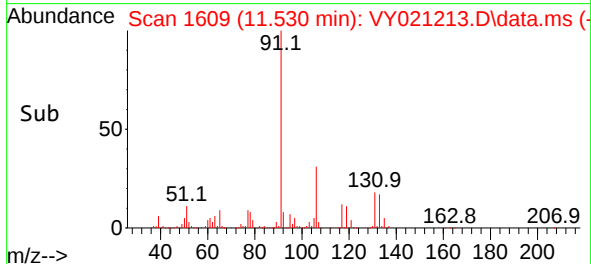
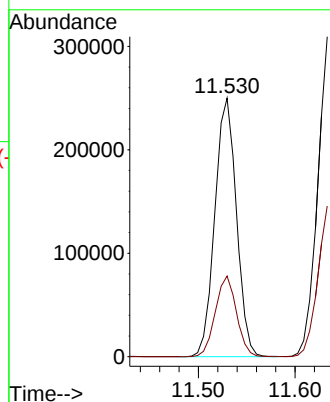
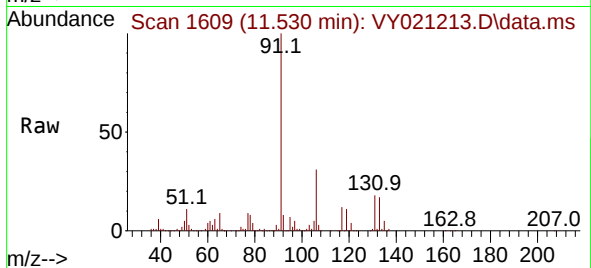
ClientSampleId :

Tgt Ion: 91 Resp: 386777

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 110.551 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021213.D

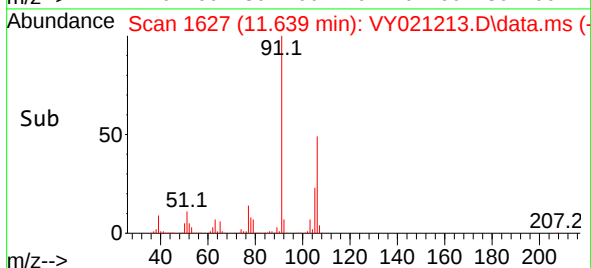
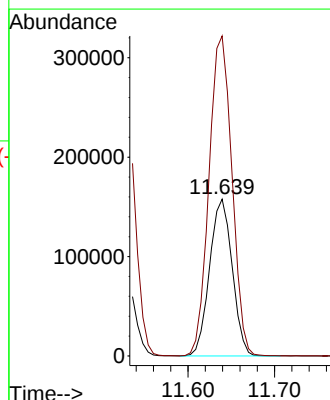
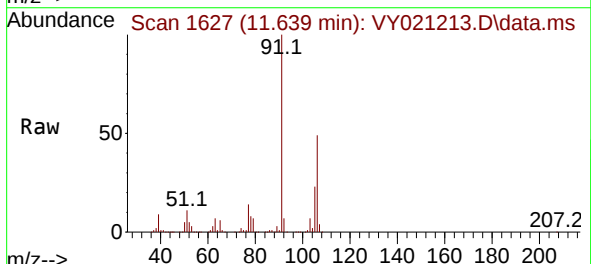
Acq: 17 Feb 2025 10:06

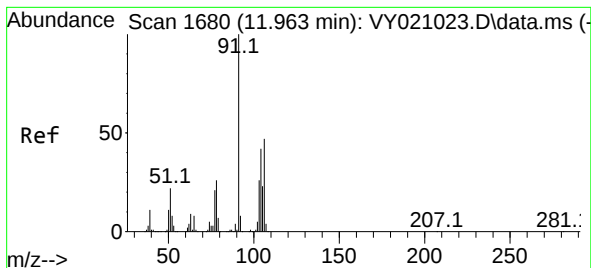
Tgt Ion:106 Resp: 285870

Ion Ratio Lower Upper

106 100

91 207.7 160.7 241.1





#69

o-Xylene

Concen: 56.263 ug/l

RT: 11.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

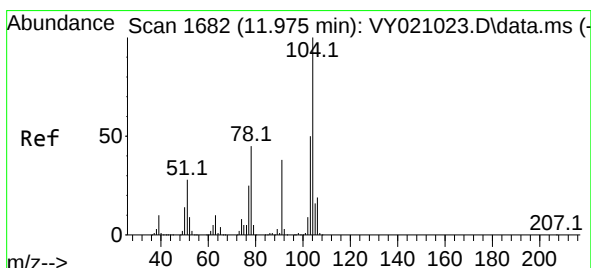
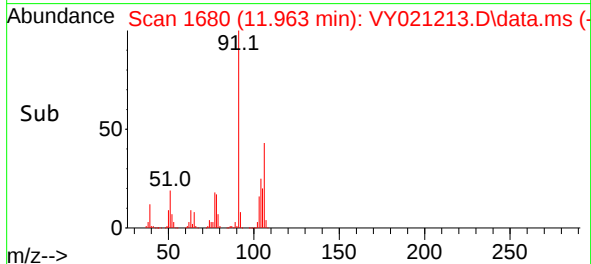
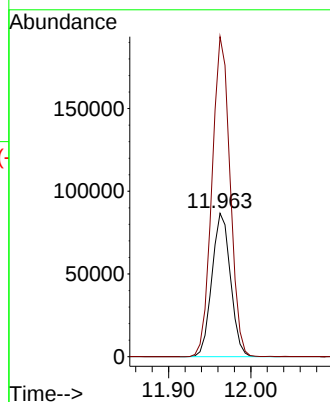
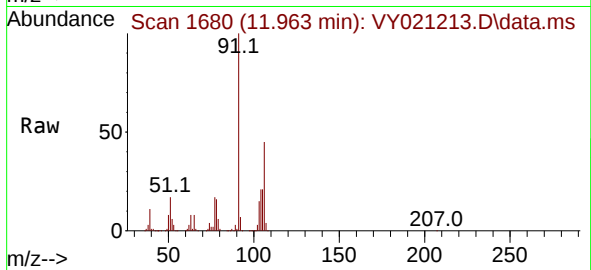
ClientSampleId :

Tgt Ion:106 Resp: 135642

Ion Ratio Lower Upper

106 100

91 218.4 106.5 319.5



#70

Styrene

Concen: 57.054 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

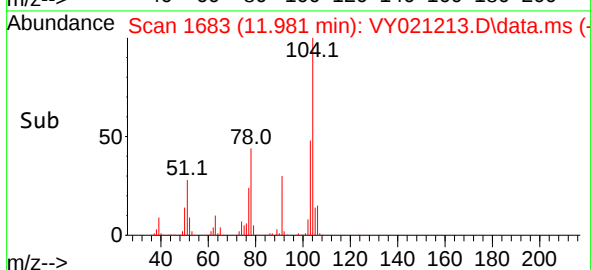
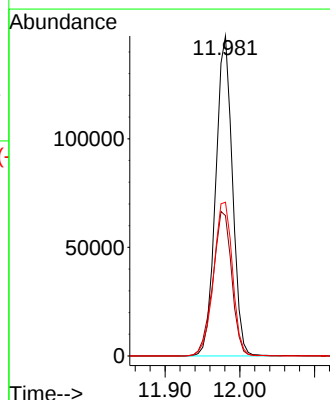
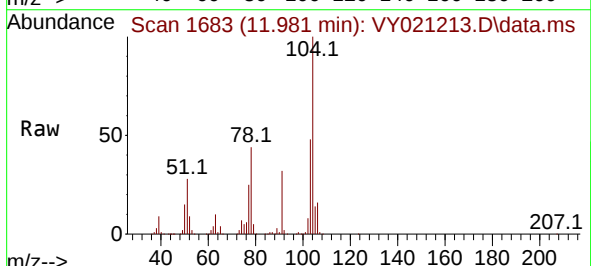
Tgt Ion:104 Resp: 229257

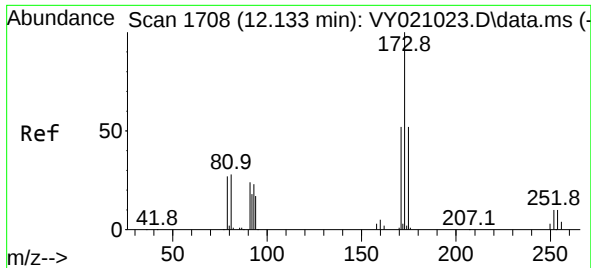
Ion Ratio Lower Upper

104 100

78 51.0 39.2 58.8

103 54.3 43.8 65.6

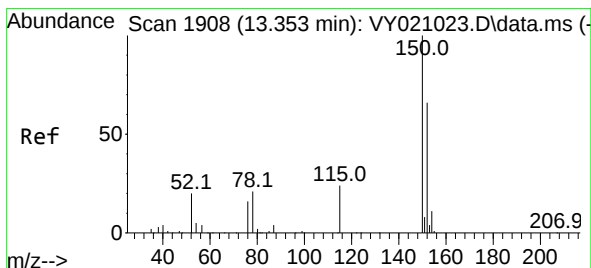
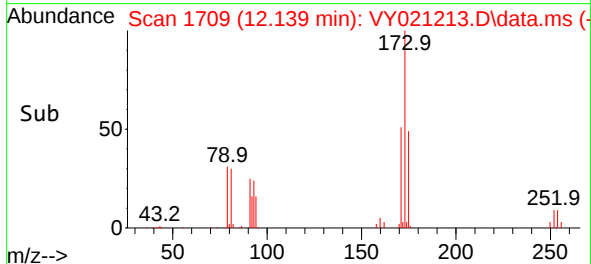
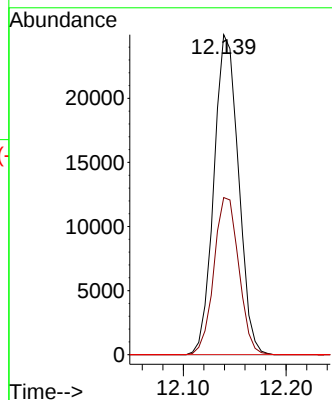
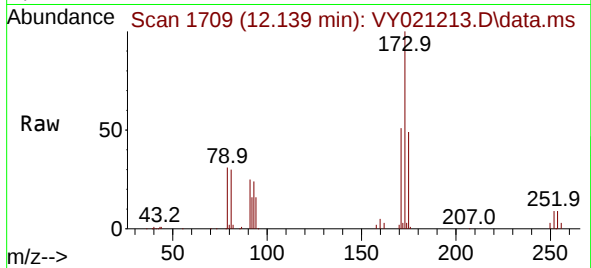




#71
Bromoform
Concen: 53.708 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

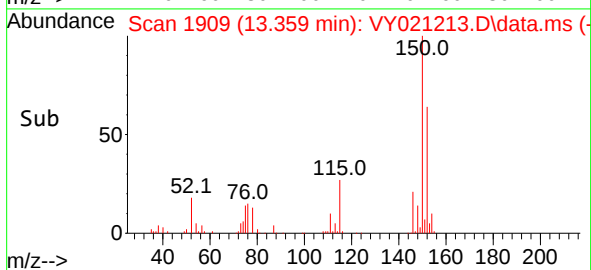
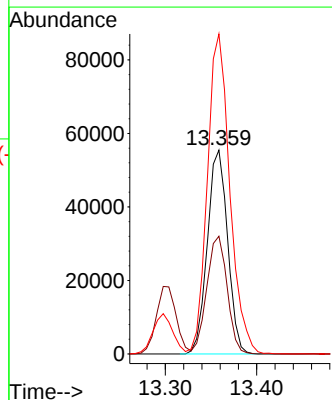
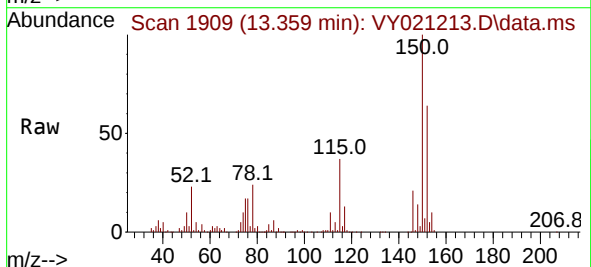
Instrument :
MSVOA_Y
ClientSampleId :

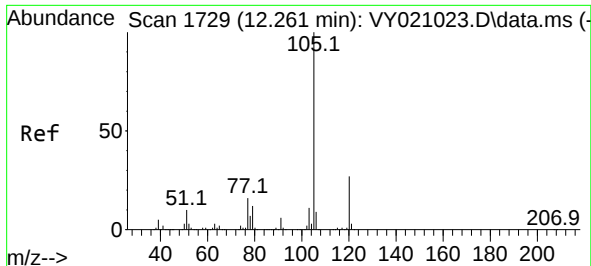
Tgt Ion:173 Resp: 41518
Ion Ratio Lower Upper
173 100
175 49.8 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:152 Resp: 85309
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 174.0 0.0 344.6

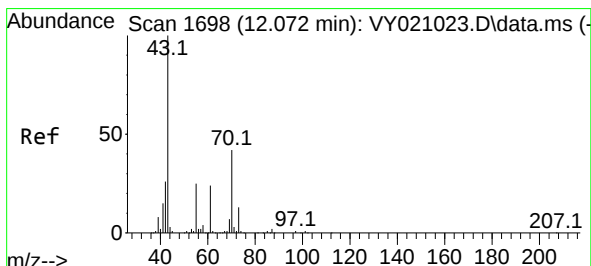
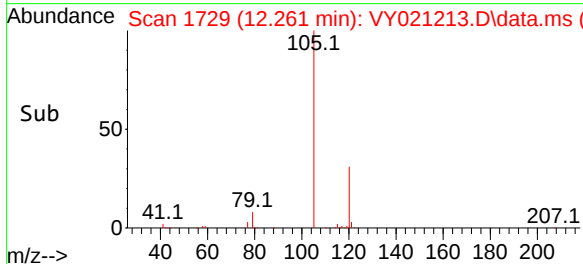
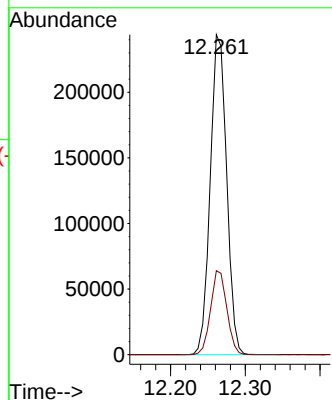
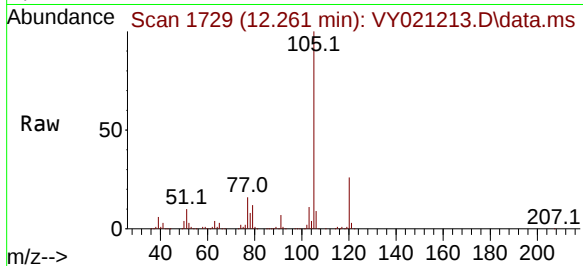




#73
Isopropylbenzene
Concen: 55.747 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

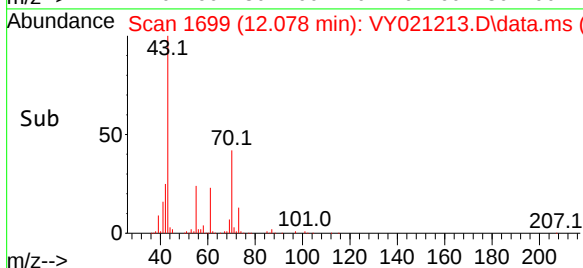
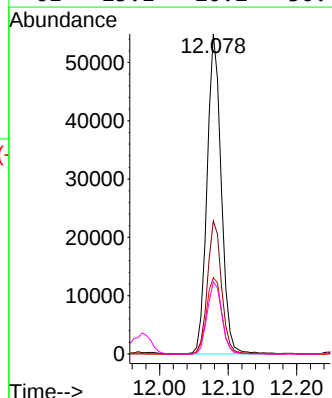
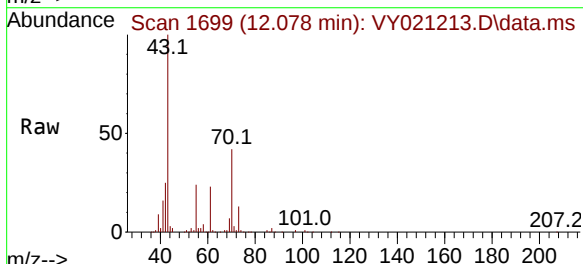
Instrument :
MSVOA_Y
ClientSampleId :

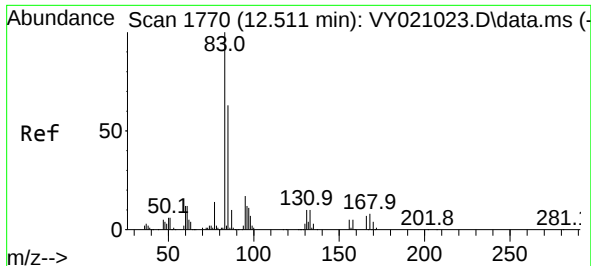
Tgt Ion:105 Resp: 371492
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



#74
N-ethyl acetate
Concen: 54.325 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 43 Resp: 79146
Ion Ratio Lower Upper
43 100
70 40.9 36.6 55.0
55 25.6 22.2 33.4
61 23.1 20.2 30.4

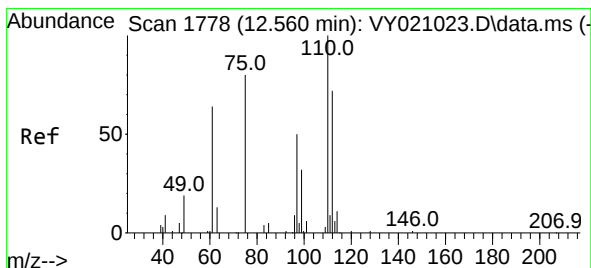
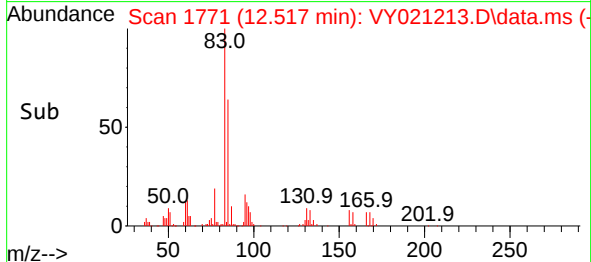
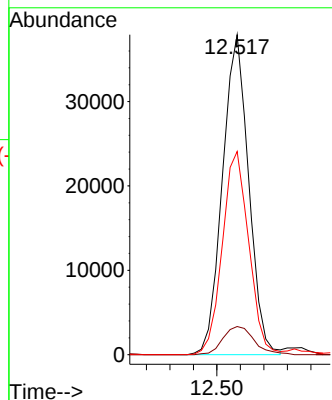
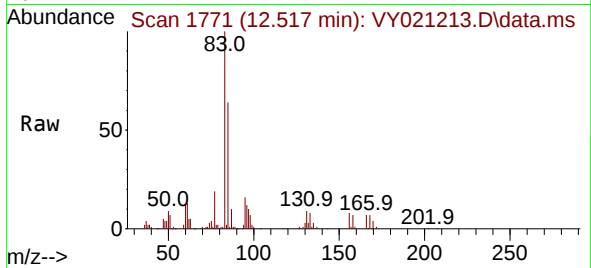




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.941 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

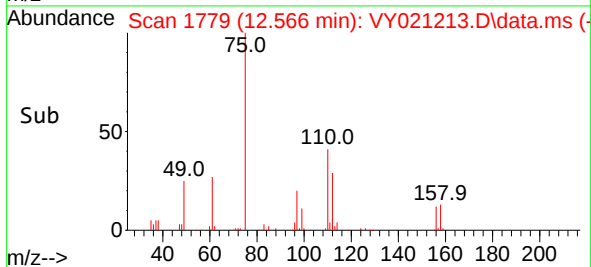
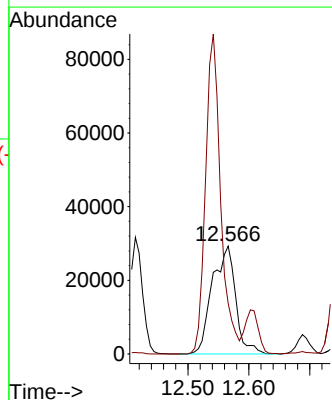
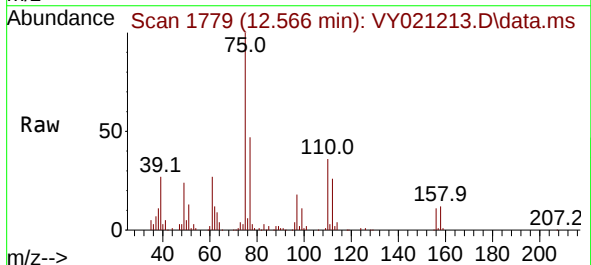
Instrument :
 MSVOA_Y
 ClientSampleId :

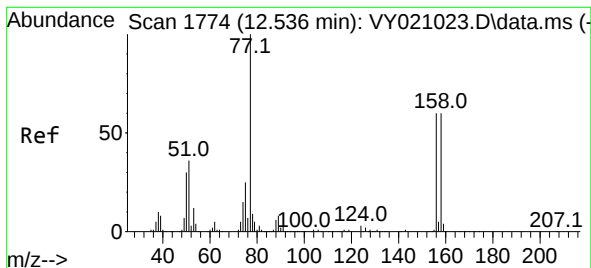
Tgt Ion: 83 Resp: 58673
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.9 14.6
 85 64.2 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 101.062 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion: 75 Resp: 78208
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.893 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

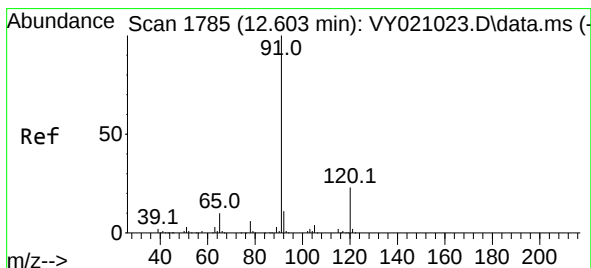
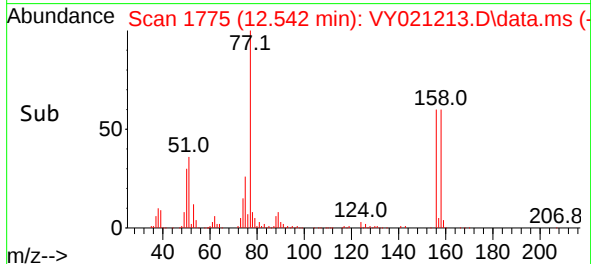
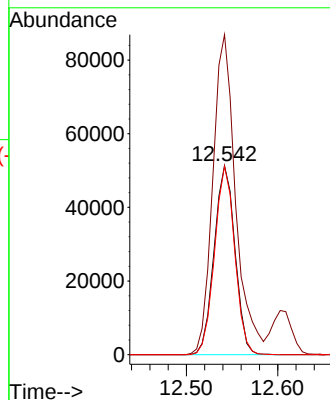
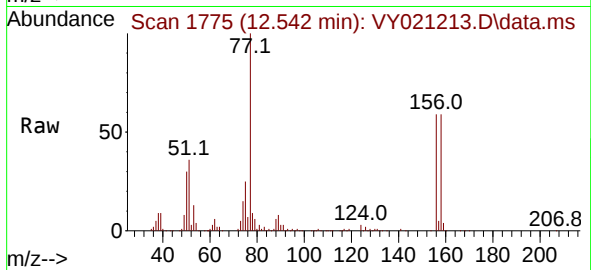
Tgt Ion:156 Resp: 81338

Ion Ratio Lower Upper

156 100

77 185.3 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 56.294 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021213.D

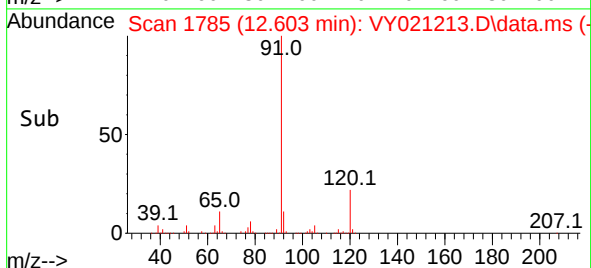
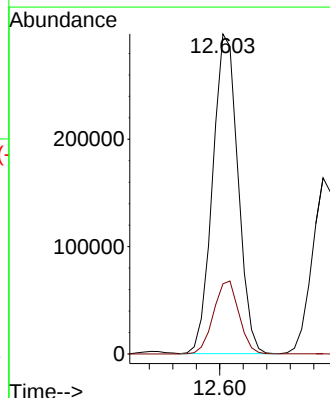
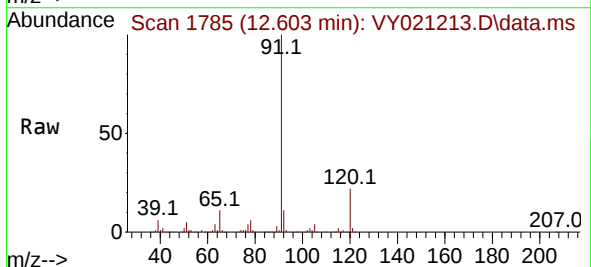
Acq: 17 Feb 2025 10:06

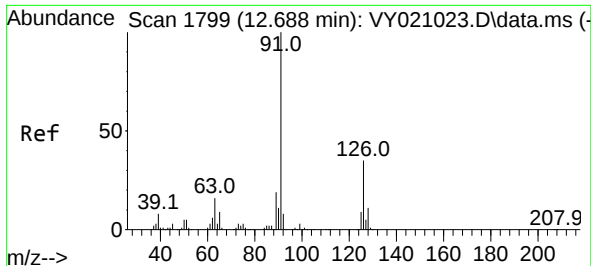
Tgt Ion: 91 Resp: 446869

Ion Ratio Lower Upper

91 100

120 22.8 11.0 33.0

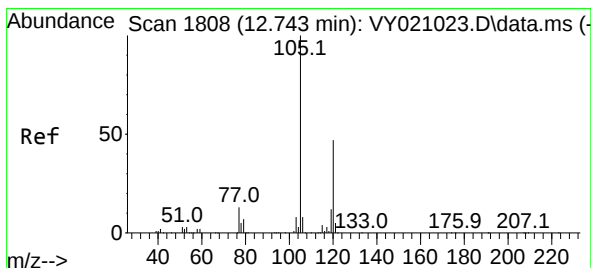
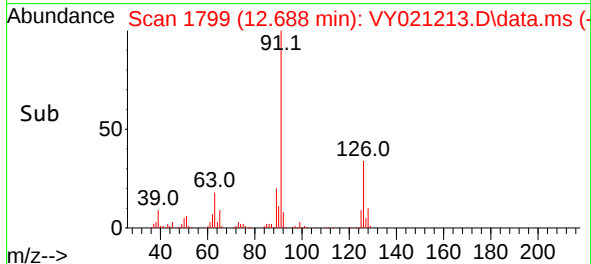
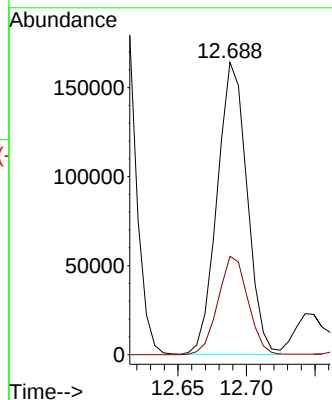
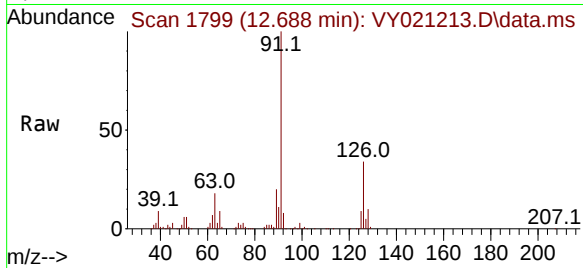




#79
2-Chlorotoluene
Concen: 54.773 ug/l
RT: 12.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

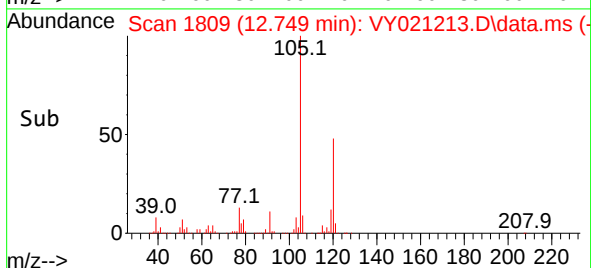
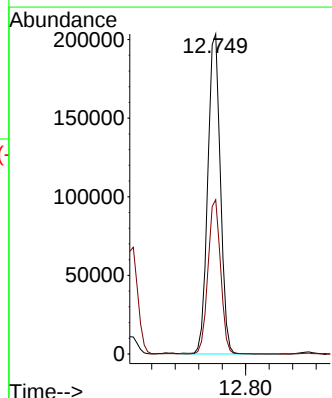
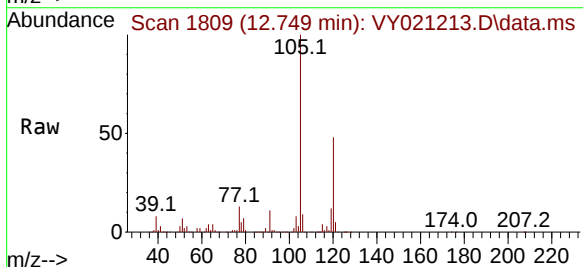
Instrument :
MSVOA_Y
ClientSampleId :

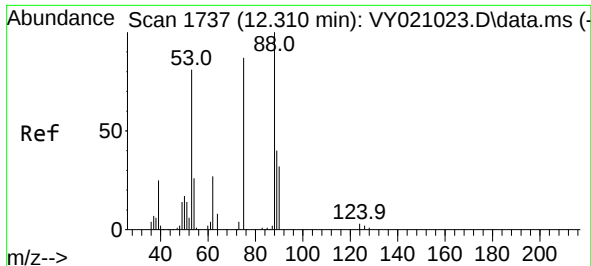
Tgt Ion: 91 Resp: 249029
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 56.227 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:105 Resp: 303783
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

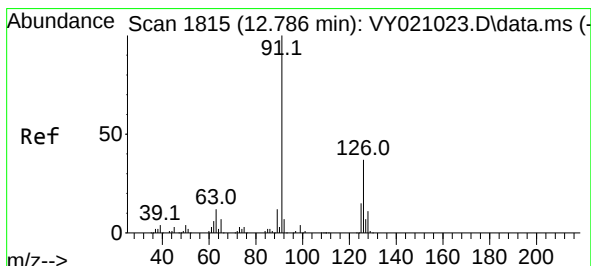
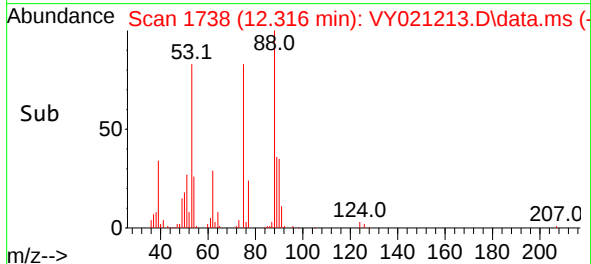
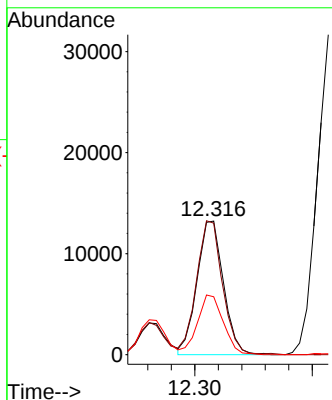
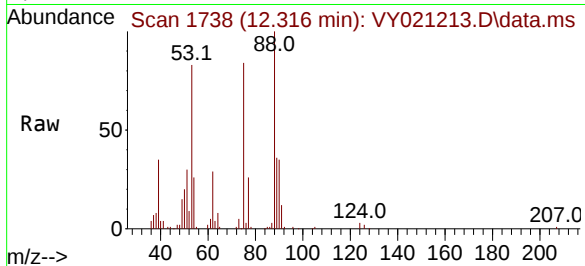




#81
trans-1,4-Dichloro-2-butene
Concen: 54.499 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

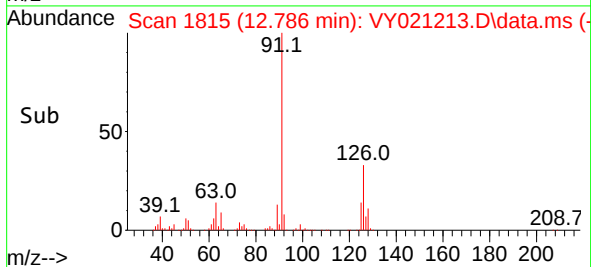
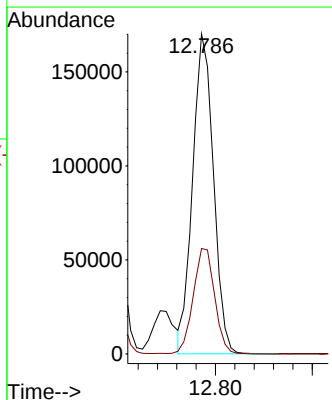
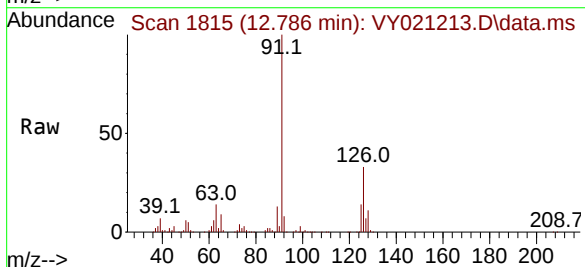
Instrument :
MSVOA_Y
ClientSampleId :

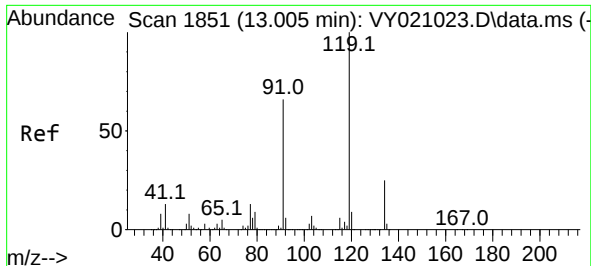
Tgt Ion: 75 Resp: 20669
Ion Ratio Lower Upper
75 100
53 99.0 74.0 111.0
89 43.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 54.814 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 91 Resp: 253914
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2

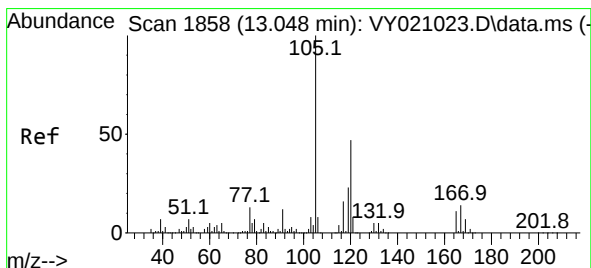
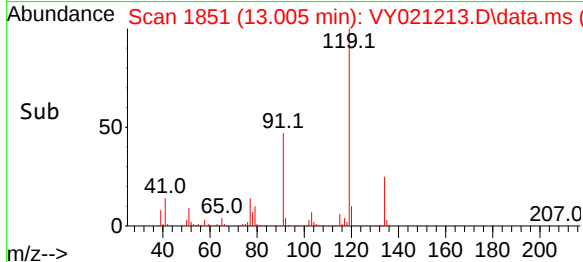
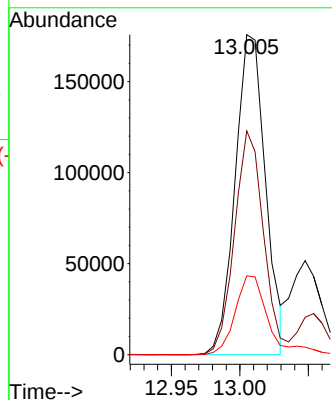
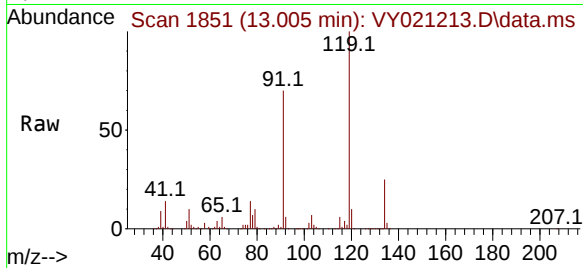




#83
tert-Butylbenzene
Concen: 55.230 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

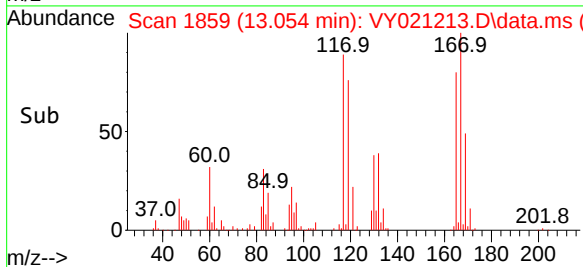
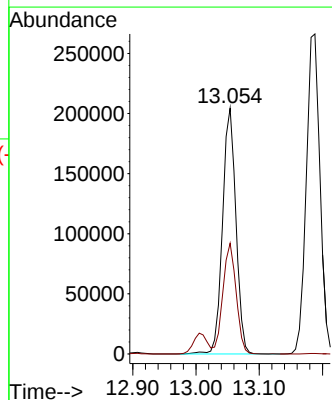
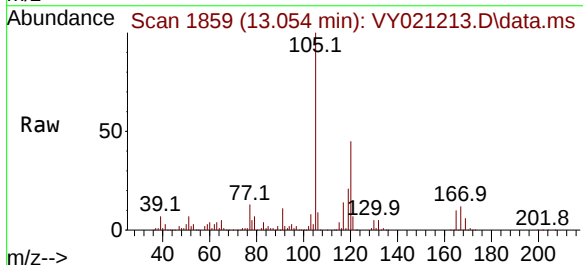
Instrument :
MSVOA_Y
ClientSampleId :

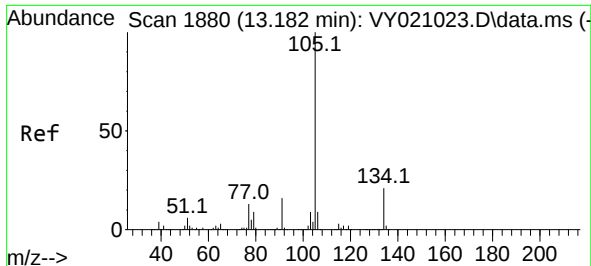
Tgt Ion:119 Resp: 271230
Ion Ratio Lower Upper
119 100
91 67.2 31.5 94.5
134 26.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 56.626 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:105 Resp: 299137
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3

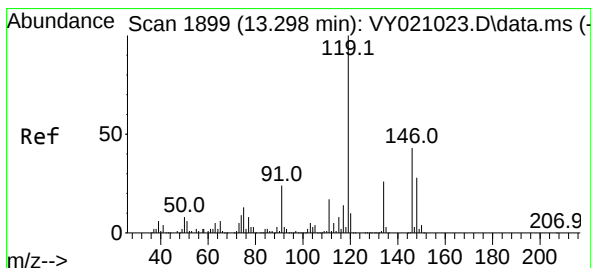
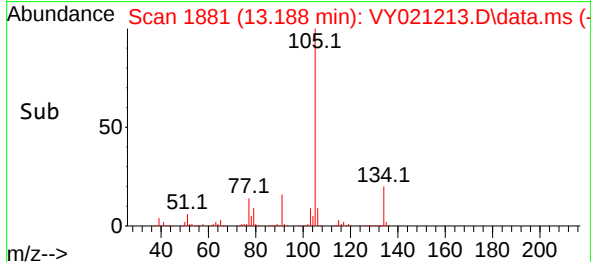
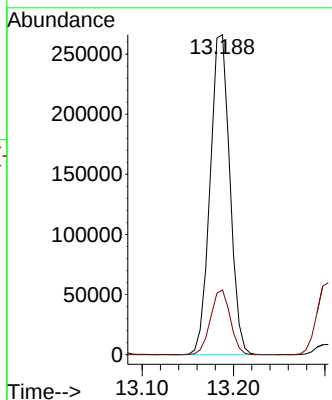
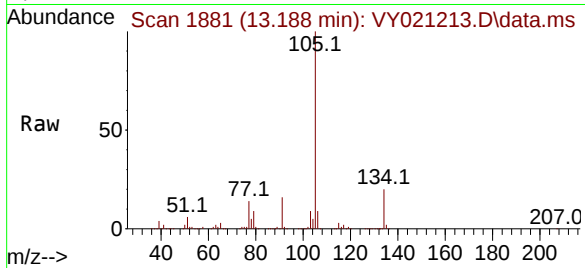




#85
 sec-Butylbenzene
 Concen: 56.308 ug/l
 RT: 13.188 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

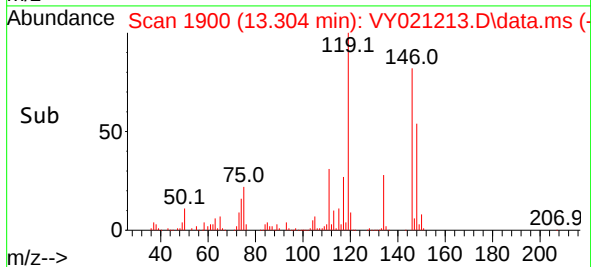
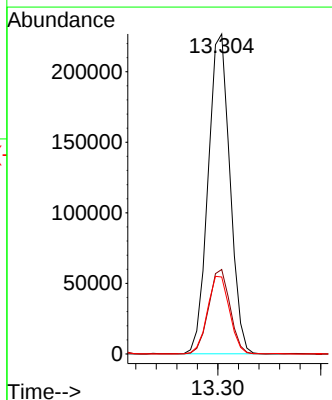
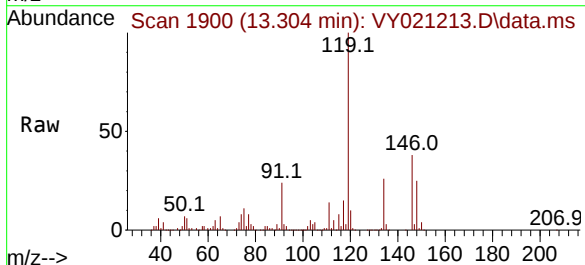
Instrument :
 MSVOA_Y
 ClientSampleId :

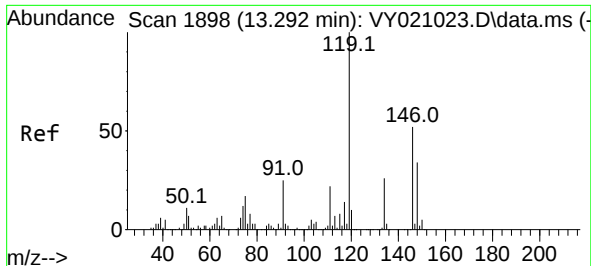
Tgt Ion:105 Resp: 398052
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 56.770 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion:119 Resp: 333365
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.6 11.7 35.0

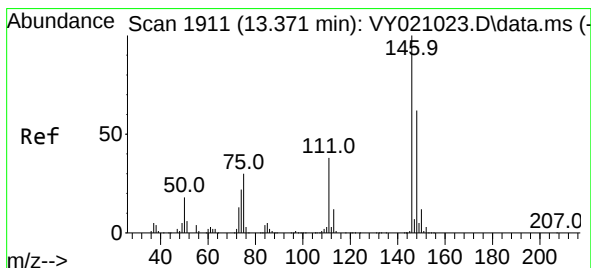
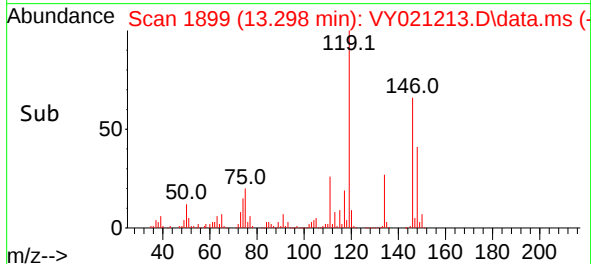
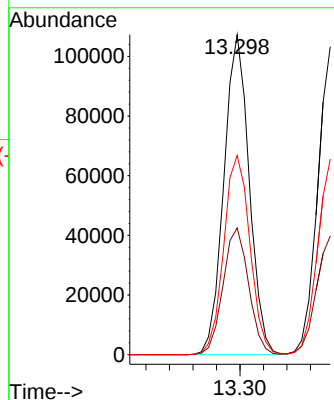
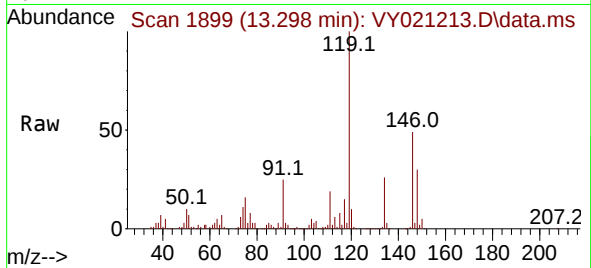




#87
1,3-Dichlorobenzene
Concen: 53.979 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

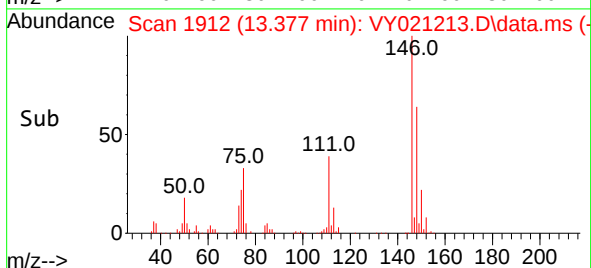
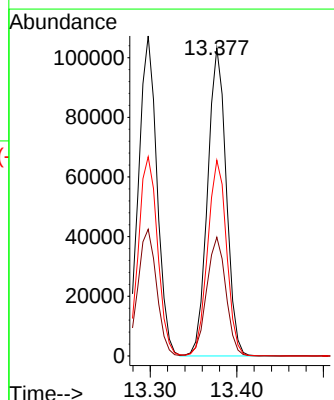
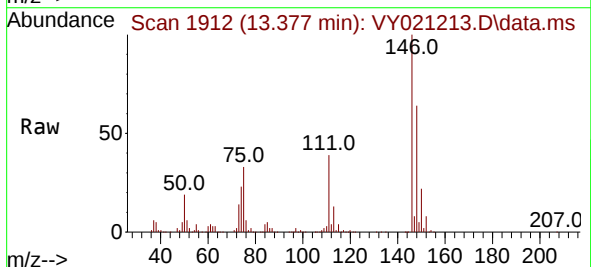
Instrument :
MSVOA_Y
ClientSampleId :

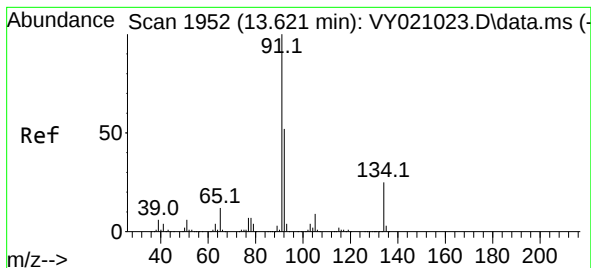
Tgt Ion:146 Resp: 160277
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 64.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 52.718 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:146 Resp: 154124
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 64.7 31.6 94.7





#89

n-Butylbenzene

Concen: 57.710 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

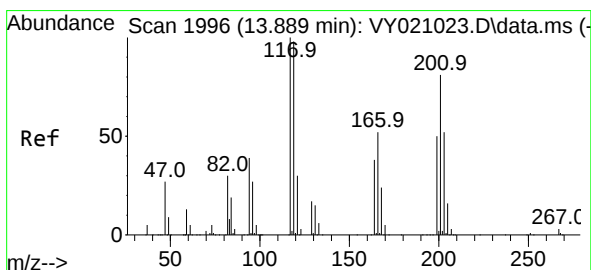
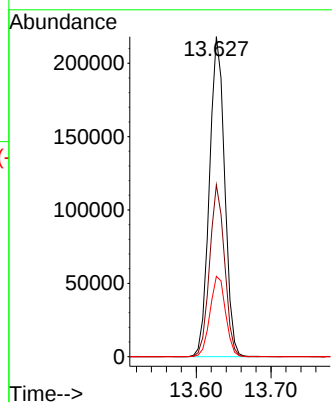
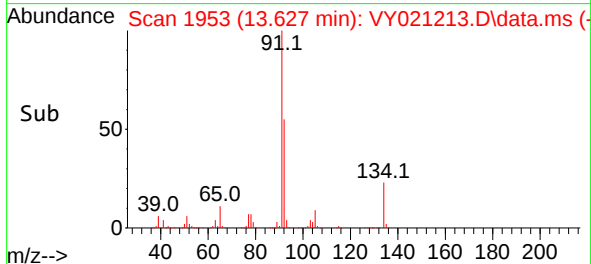
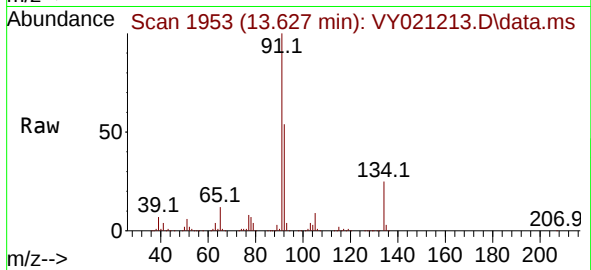
Tgt Ion: 91 Resp: 309156

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 25.6 12.3 36.8



#90

Hexachloroethane

Concen: 55.477 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021213.D

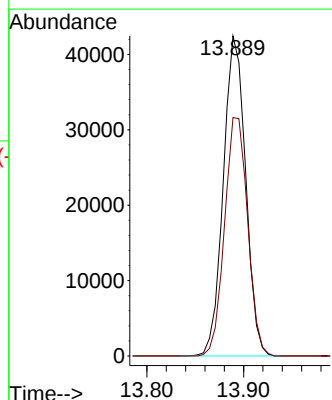
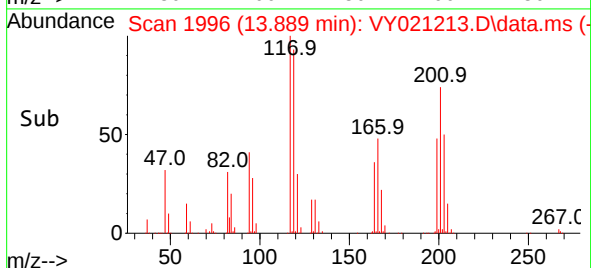
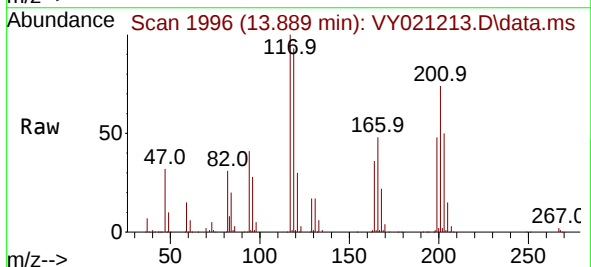
Acq: 17 Feb 2025 10:06

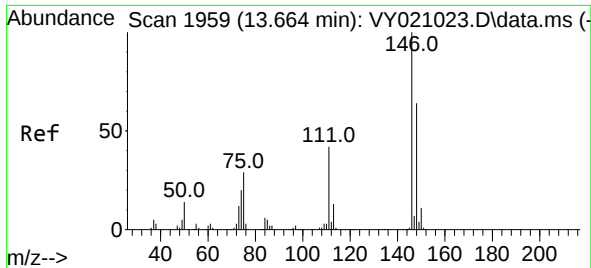
Tgt Ion: 117 Resp: 67961

Ion Ratio Lower Upper

117 100

201 77.3 33.4 100.1

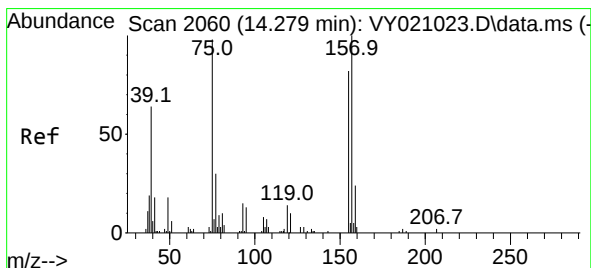
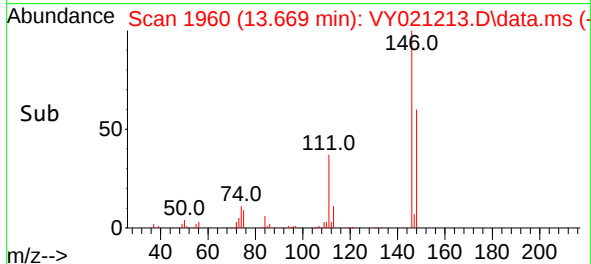
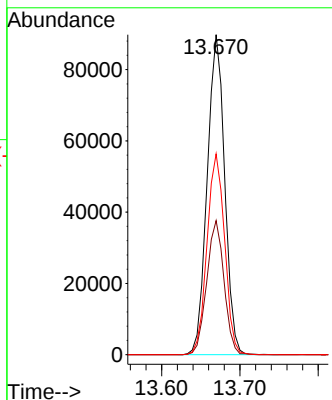
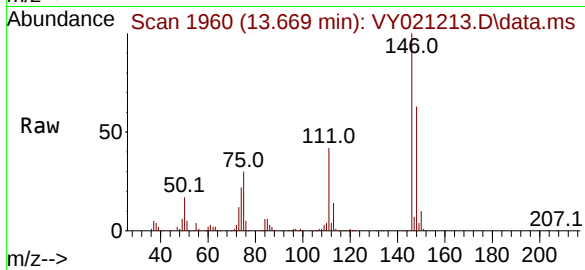




#91
 1,2-Dichlorobenzene
 Concen: 53.923 ug/l
 RT: 13.669 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

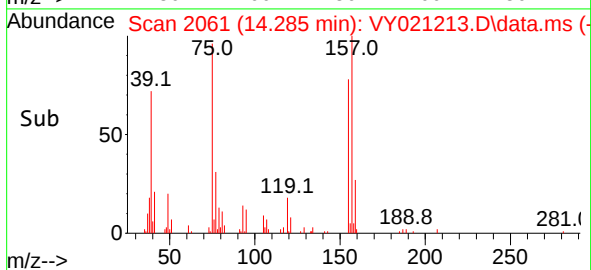
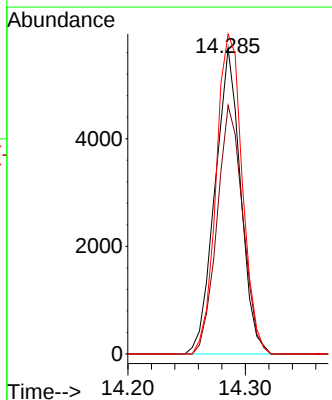
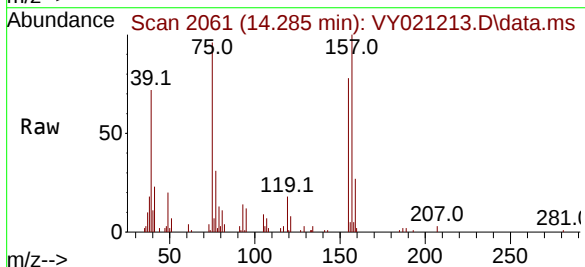
Instrument :
 MSVOA_Y
 ClientSampleId :

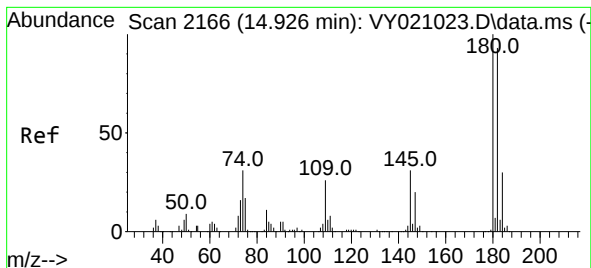
Tgt Ion:146 Resp: 138968
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.5 61.6
 148 63.1 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.788 ug/l
 RT: 14.285 min Scan# 2061
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion: 75 Resp: 8577
 Ion Ratio Lower Upper
 75 100
 155 82.1 42.1 126.3
 157 107.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 55.406 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

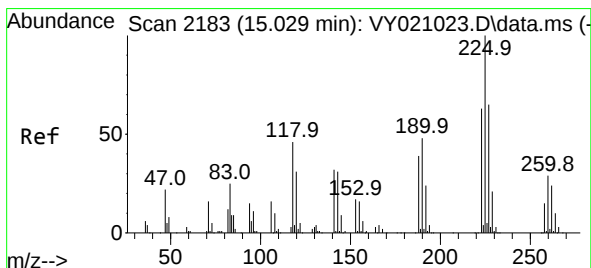
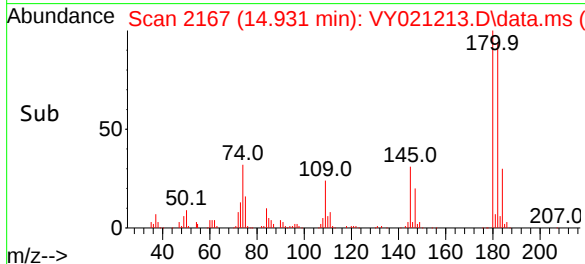
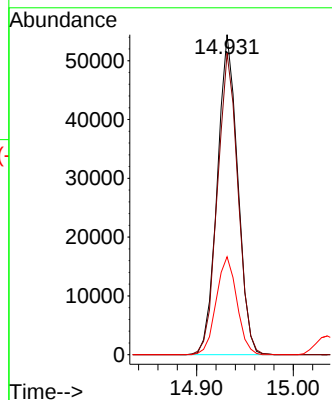
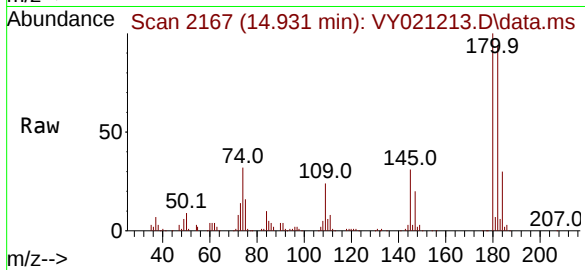
Tgt Ion:180 Resp: 79481

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 31.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 56.017 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

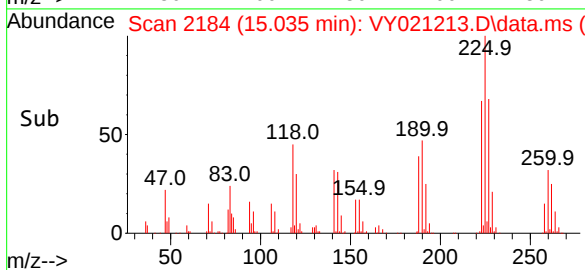
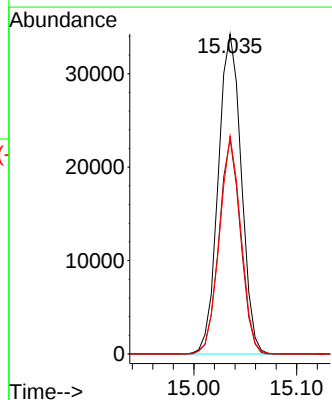
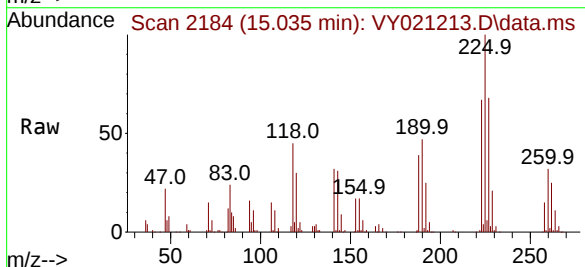
Tgt Ion:225 Resp: 53251

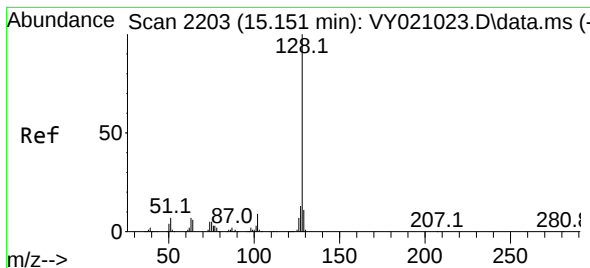
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.3

227 63.6 32.3 96.8





#95

Naphthalene

Concen: 55.527 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

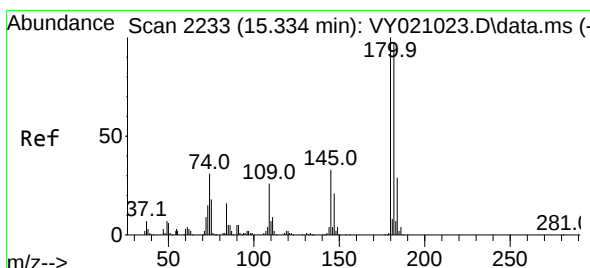
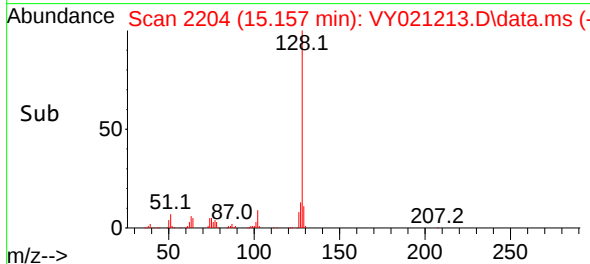
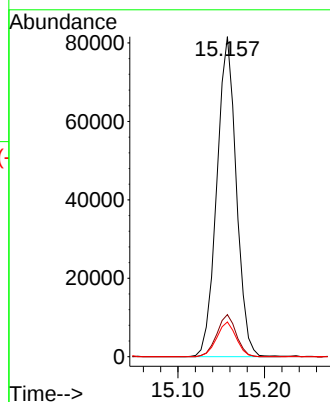
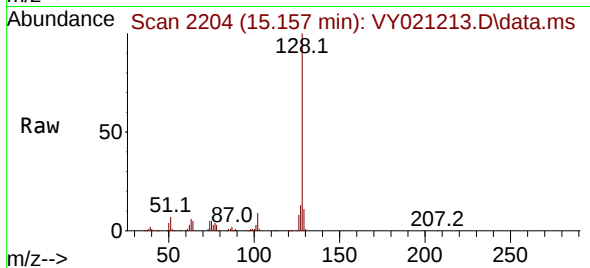
Tgt Ion:128 Resp: 127436

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.926 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion:180 Resp: 65571

Ion Ratio Lower Upper

180 100

182 94.1 46.3 138.8

145 32.2 16.1 48.2

